

B06

BEBasor

CABLE TRAY SPECIALIST



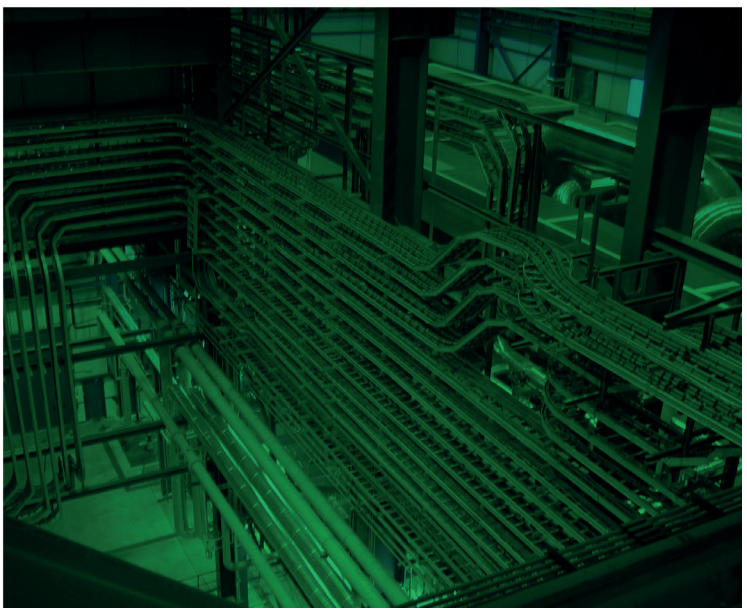
BEBasor

CABLE TRAY SPECIALIST









CE

LLOYD'S REGISTER · LRQA

ISO 9001 · ISO 14001

UKAS MANAGEMENT SYSTEMS

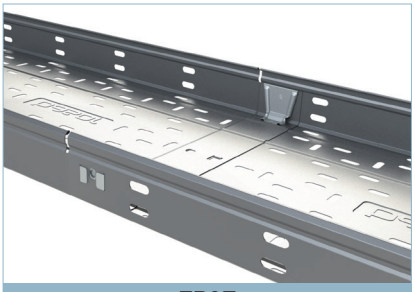
001

BASORTRAY



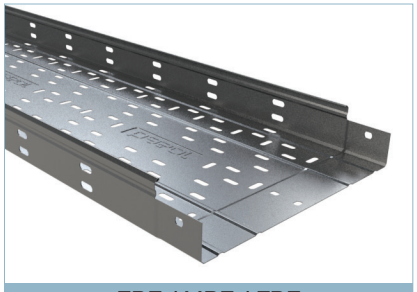
ERE 50X50

50 mm		50 mm	
3 m		Low duty	
GS, GC			



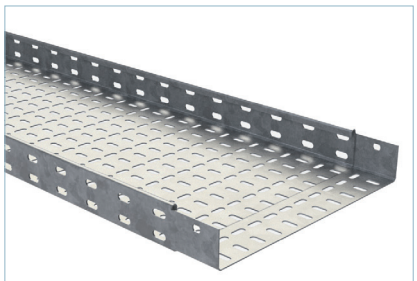
ER2E

100-600 mm		60 mm	
3 m		Low - Medium duty	
GS			



ERE / MRE / FRE

100-600 mm		35-100 mm	
3 m		Low - Heavy duty	
GS, GC, i304, i316			



BS

50-900 mm		12-100 mm	
2-3 m		Low - Heavy duty	
GS, GC, i316			



U

50-600 mm		15-50 mm	
2-3 m		Extra Heavy duty	
GC			



OME

50-600 mm		20-50 mm	
2-3 m		Extra Heavy duty	
GC			



U AL

50-600 mm		15-60 mm	
3 m		Medium duty	
AL			



EB

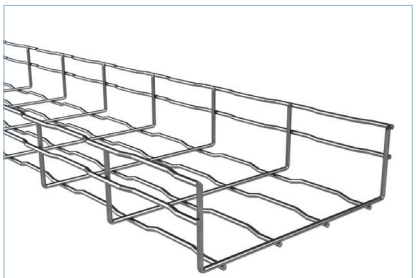
50-600 mm		10-30 mm	
2 m		Low duty	
GS, i304			

BASORFIL



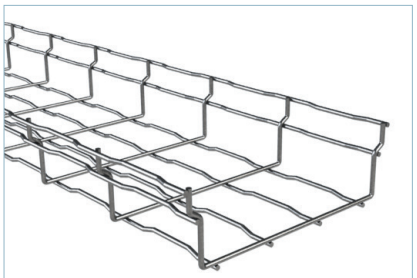
BF2R

60-600 mm		65-105 mm	
3 m		Low - Medium duty	
EZ, EZ1000, i304, i316			



BFR

60-600 mm		35-105 mm	
3 m		Low - Medium duty	
EZ, GC, i304, i316			



EBFR

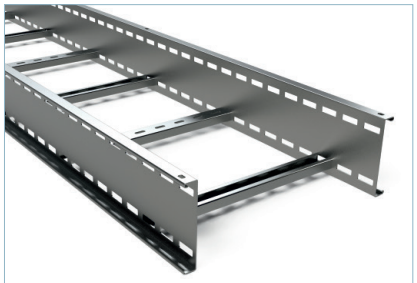
100-600 mm		65-105 mm	
3 m		Low - Medium duty	
EZ, GC			

BASORTRAV



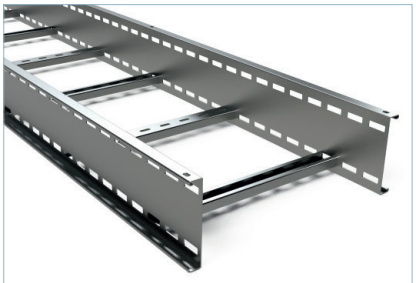
FE / FE2

100-600 mm		60-150 mm	
3-6 m		Heavy duty	
GC			



BSL

100-900 mm		50-150 mm	
3 m		Medium - Heavy duty	
GC, i304, i316			



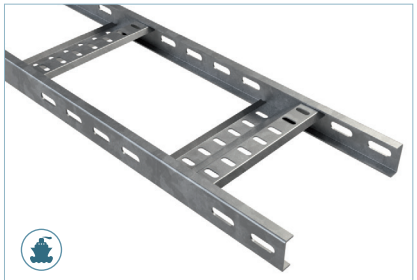
BSLR

100-900 mm		125-150 mm	
6 m		Extra Heavy duty	
GC			



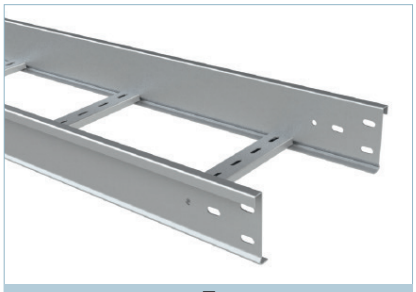
UERP

100-600 mm		70-120 mm	
3 m		Extra Heavy duty	
GC80			



EML / EMS

100-600 mm		40-50 mm	
2 m		Low - Medium duty	
GC			



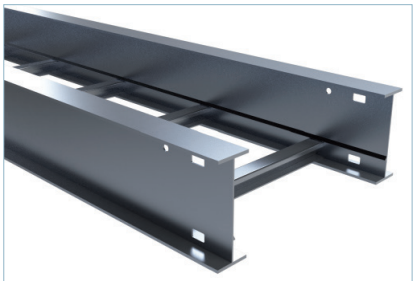
F

100-600 mm		100 mm	
3 m		Medium duty	
AL			



UEC

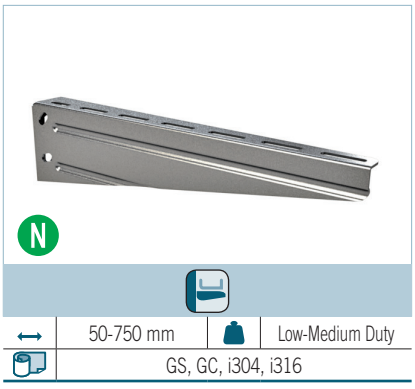
100-600 mm		100 mm	
6 m		Extra Heavy duty	
AL			



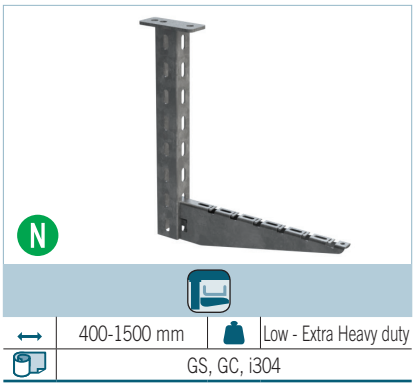
I

6”-36”		4”-6”	
3 m		Heavy - Extra Heavy duty	
AL			

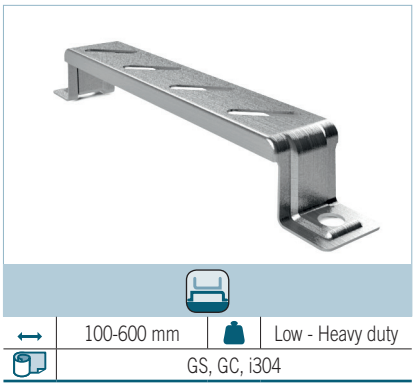
BASORSUPPORT



⟷	50-750 mm		Low-Medium Duty
	GS, GC, i304, i316		



⟷	400-1500 mm		Low - Extra Heavy duty
	GS, GC, i304		

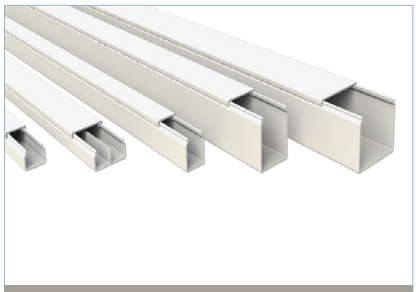


⟷	100-600 mm		Low - Heavy duty
	GS, GC, i304		



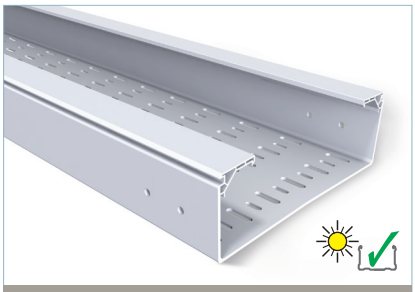
⟷	3 m		Low - Heavy duty
	GS, GC, i316		

BASORPLAST



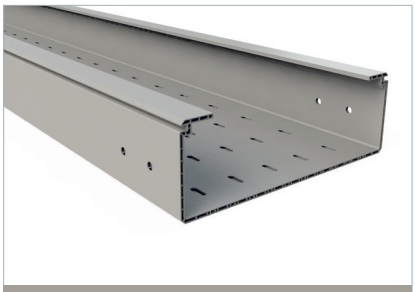
MCB

22-60 mm		10-60 mm	
2 m		Low duty	
PVCM1			



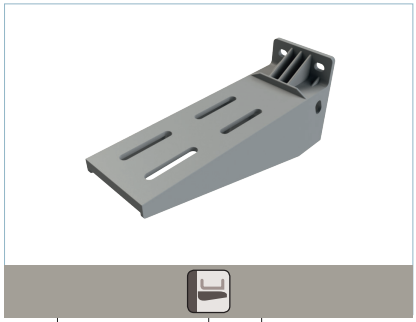
BPE

100-600 mm		60-100 mm	
3 m		Medium duty	
PVCM1UV			

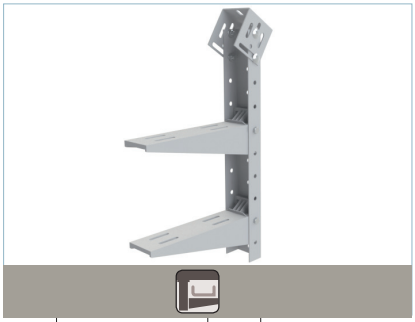


BPI

100-600 mm		60-100 mm	
3 m		Medium duty	
PVCM1			



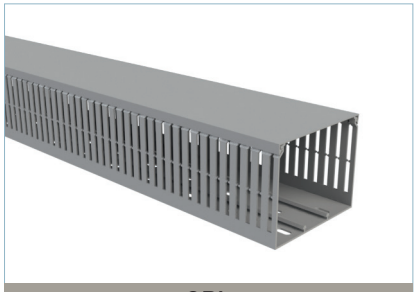
100-600 mm		Medium duty	
PVCM1UV			



2 m		Medium duty	
GSP			



100-600 mm		Medium duty	
PVCM1UV			



QRL

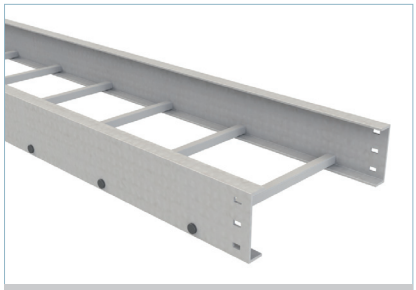
25-120 mm		25-80 mm	
2 m		Low duty	
PVCM1, LH			



QCL

25-60 mm		25-60 mm	
2 m		Low duty	
PVCM1			

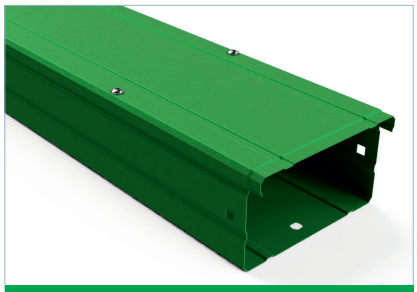
FIBERTRAV



EFV

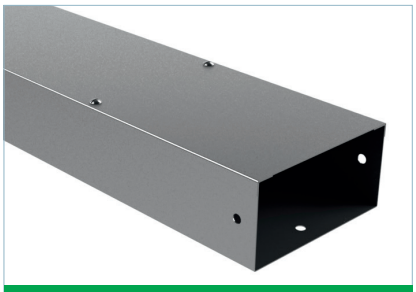
6”-36”		3”-8”	
6 m		Heavy - Extra Heavy duty	
PRFV			

BASORCANAL



CT GSE

80-600 mm		40-100 mm	
3 m		Medium duty	
GSE			



CTi

80-140 mm		40-80 mm	
3 m		Medium duty	
i304			



WT

100-600 mm		100 mm	
2 m		Extra Heavy duty	
GS, AL			

BASORTUB



SSM/SSS

ø	1/2"-4"		
6 m		Heavy duty	
GC			



RE1250 / R1250

ø	16-63 mm		
3 m		Medium duty	
RLH, CLH, PVC			



COFLEX

ø	16-50 mm		
25-100 m		Low duty	
LH			

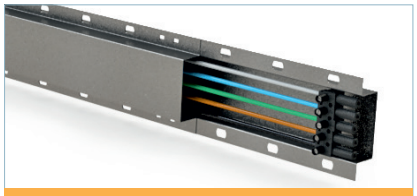
BASORFLEX



FLEXL

ø	07/10 - 48/54 mm		
50 m		Low duty	
PA6 7031, PA6 9011			

TRUNKING



TRUNKING

I	20-25 A	/	
3-5 m		Low duty	
GS			

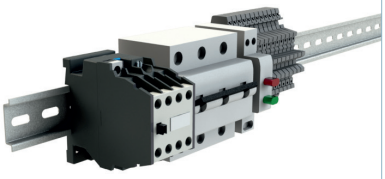
BASORFIX



41 mm		21-82 mm	
3 m		Medium - Heavy duty	
GS, GC			



20-50 mm		10-20 mm	
2-3 m		Low - Medium duty	
GS, GC			



35 mm		7-15 mm	
2 m		Low duty	
GS, AL			



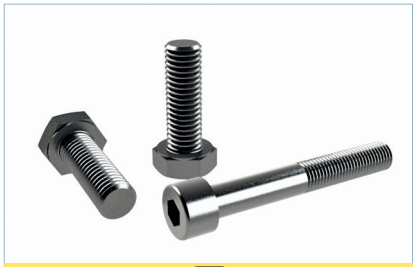
ø	12-170 mm		1,3,4
Extra Heavy duty			
PAFV			



ø	6-100 mm		1
Medium duty			
GC			



Medium - Heavy duty	
GS, GC	



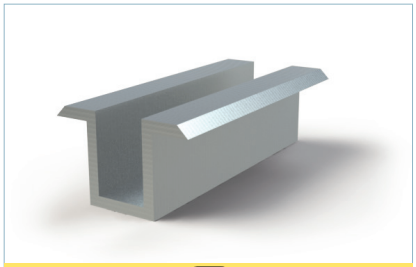
ø	M6 - M12		20-70 mm
EZ, i304			



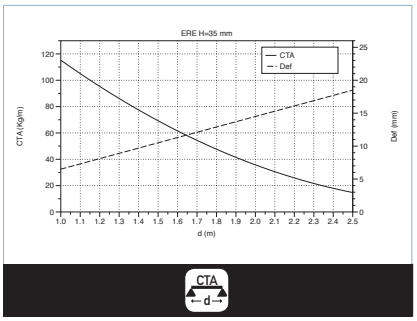
ø	M6 - M12		30-80 mm
Medium - Heavy duty			
EZ			

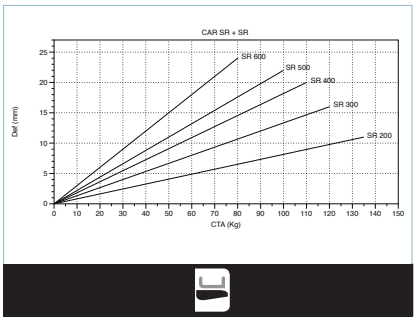


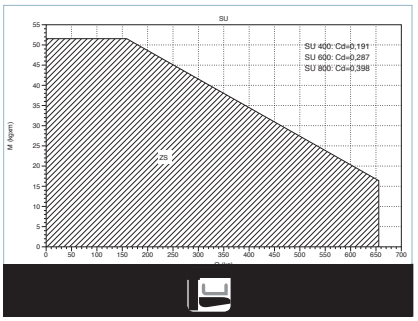
10-35, 35-95 m²	
Low duty	
LTN	



AL


ERE H=35 mm
CTA
Def
CTA (Kgm)
Def (mm)
d (m)


CAR SR + SR
SR 600
SR 500
SR 400
SR 300
SR 200
Def (mm)
CTA (Kg)


SU
SU 400: Cd=0,191
SU 600: Cd=0,287
SU 800: Cd=0,398
M (kgm)



B06

ÁREA ÚTIL / FILL AREA / SURFACE UTILE / AREA DI RIEMPIMENTO / ÁREA ÚTIL / FELHSZNÁLÁSI TERÜLET / NUTFLÄCHE / РАБОЧАЯ ОБЛАСТЬ / ÚLOŽNÁ PLOCHA

INFORMACIÓN ADICIONAL EN FICHAS TÉCNICAS / FOR ADDITIONAL INFORMATION SEE THE TECHNICAL CATALOGUE / INFORMATION SUPPLÉMENTAIRE SUR LES FICHES TECHNIQUES / PER MAGGIORI INFORMAZIONI CONSULTARE IL CATALOGO TECNICO / INFORMAÇÃO ADICIONAL NAS FICHAS TÉCNICAS / KIEGÉSZÍTŐ MŰSZAKI INFORMÁCIÓK / ZUSÄTLICHE INFORMATION IN DEN TECHNISCHEN DATENBLÄTTER / ДОПОЛНИТЕЛЬНУЮ ИНФОРМАЦИЮ СМОТРИТЕ В ТЕХНИЧЕСКОМ КАТАЛОГЕ / DALŠÍ INFORMACE NALEZNETE V TECHNICKÉM KATALOGU

LONGITUD TRAMO / LENGTH / LONGUEUR SECTION / LUNGHEZZA / COMPRIMENTO DO TROÇO / HOSSZANTI SZAKASZ / LÄNGE SEGMENT / ДЛИНА / DÉLKA

MONTAJE / MOUNTING / MONTAGE / MONTAGGIO / MONTAGEM / SZERELÉS / MONTAGE / МОНТАЖ / MONTÁŽ

CTA
d

CARGA DE TRABAJO ADMISIBLE / SAFE WORKING LOAD / CHARGE ADMISSIBLE DE SÉCURITÉ / CARICO DI LAVORO AMMISSIBILE / CARGA DE TRABALHO ADMISSIVEL / TERHELHETŐSÉG / ZULÄSSIGE TRAGFÄHIGKEIT / БЕЗОПАСНАЯ РАБОЧАЯ НАГРУЗКА / BEZPEČNÉ PRACOVNÍ ZATÍŽENÍ

BANDEJA DE CHAPA / METAL TRAYS / CHEMIN DE CÂBLE TÔLE / CANALIZZAZIONI METALLICHE / CALHA DE CHAPA / FÉM KÁBELTÁLCA / KABELRINNE / МЕТАЛЛИЧЕСКИЕ ЛОТКИ / KABELOVÝ ŽLAB

BANDEJA DE CHAPA PERFORADA / PERFORATED TRAYS / CHEMIN DE CÂBLE TÔLE PERFORÉE / CANALIZZAZIONI PERFORATE / ASOLATE / CALHA DE CHAPA PERFURADA / PERFORÁLT KÁBELTÁLCA / GELOCHTE KABELRINNE / ПЕРФОРИРОВАННЫЙ ЛОТОК / PERFOROVANÝ ŽLAB

BANDEJA DE CHAPA CIEGA / NON PERFORATED TRAY / GOULOTTE NON PERFORÉE / CANALIZZAZIONI CHIUSE / NON PERFORATE / CALHA DE CHAPA CEGA / NÃO PERFURADA / ZÁRT KÁBELTÁLCA / KABELRINNE / НЕПЕРФОРИРОВАННЫЙ ЛОТОК / NEPERFOROVANÝ ŽLAB

TAPA / COVER / COUVERCLE / COPERCHI / TAMPA / KÁBELTÁLCA FEDŐ / DECKEL / КРЫШКА / VÍKO

FIJACIÓN DE TAPA POR PRESIÓN (SIN ACCESORIOS) / SNAP IN COVER (NO ACCESSORIES) / FIXATION COUVERCLE À PRESSION / CHIUSURA A PRESSIONE SENZA ACCESSORI / FIXAÇÃO DA TAMPA POR PRESSÃO (SEM ACESSÓRIOS) / FELPATTÍNTHATÓ FEDŐ / DECKELBEFESTIGUNG AUF DRUCK / OHNE VERBINDUNGSSTÜCKE / ЗАЩЕЛКИВАЮЩАЯСЯ КРЫШКА (АКСЕССУАРОВ НЕ ТРЕБУЕТСЯ) / ZACVAKÁVACÍ VÍKO (BEZ PŘÍSLUŠENSTVÍ)

ACCESORIOS / ACCESSORIES / ACCESSOIRES / ACCESSORI / ACESSÓRIOS / SZERELVÉNYEK / ZUBEHÖR / АКСЕССУАРЫ / PŘÍSLUŠENSTVÍ

CURVA PLANA / FLAT BEND / COUDE HORIZONTAL / CURVA PIANA / CURVA PLANA / SÍKBELI KANYAR IDOM / KURVE FLACH / ПЛОСКИЙ УГОЛ / OBLOUK 90°

CURVA CÓNCAVA / INSIDE RISER / COUDE VERTICAL INTÉRIEUR / CURVA CONCAVA / CURVA CONCAVA / EMELKEDŐ IDOM / KURVE HOHL / ВНУТРЕННИЙ УГОЛ / OBLOUK SVISLÝ VNITŘNÍ

CURVA CONVEXA / OUTSIDE RISER / COUDE VERTICAL EXTÉRIEUR / CURVA CONVESSA / CURVA CONVEXA / BUKÓ IDOM / KURVE KONVEX / ВНЕШНИЙ УГОЛ / OBLOUK SVISLÝ VNĚJŠÍ

TORNILLERIA / BOLTS / BOULONNERIE / BULLONERIA / PARAFUSOS / CSAVAROK / SCHRAUBENARTIKEL / БОЛТЫ / ŠROUB VRATOVÝ M6X14 S MATICÍ LÍMCOVOU

NO SE NECESITA TORNILLERIA / NO BOLTS REQUIRED / MONTAGE SANS BOULONNERIE / NON SI NECESSITA NESSUN BULLONERIA / NÃO NECESSITA DE PARAFUSOS / CSAVAROK NEM SZÜKSÉGES / BENÖTIGT KEIN SCHRAUBENARTIKEL / БОЛТЫ НЕ ТРЕБУЮТСЯ / NEVYŽADUJE ŠROUBY

JUNTA DE UNIÓN / COUPLER / ECLISSE / GIUNTO DI UNIONE / JUNTA DE UNIÃO / TOLDÓ IDOM ER / VERBINDUNG / СОЕДИНИТЕЛЬ / SPOJKA

NO SE NECESITA JUNTA DE UNIÓN / NO COUPLERS REQUIRED / MONTAGE SANS ECLISSES / NON SI NECESSITA NESSUN GIUNTO DI UNIONE / NÃO NECESSITA DE JUNTA DE UNIÃO / TOLDÓ IDOM NEM SZÜKSÉGES / BENÖTIGT KEIN VERBINDUNGSSTÜCK / СОЕДИНИТЕЛИ НЕ ТРЕБУЮТСЯ / NEVYŽADUJE SPOJKY

NO SE NECESITAN ACCESORIOS PARA SU MONTAJE / NO ADDITIONAL ACCESORIES REQUIRED FOR ASSEMBLY / MONTAGE SANS ACCESSOIRES / NESSUN ACCESSORIO AGGIUNTIVO NECESSARIO PER IL MONTAGGIO / NÃO SÃO NECESSÁRIOS ACESSÓRIOS PARA A MONTAGEM / SZERELVÉNY NÉLKÜLI ÖSSZERAKÁS / BENÖTIGT KEIN ZUBEHÖR FÜR DIE MONTAGE / ДЛЯ СБОРКИ ДОПОЛНИТЕЛЬНЫЕ АКСЕССУАРЫ НЕ ТРЕБУЮТСЯ / NEVYŽADUJE ŽÁDNÉ DALŠÍ PŘÍSLUŠENSTVÍ PRO MONTÁŽ

TAPA ENCAJABLE / FIT IN COVER / COUVERCLE ENCLIQUETABLE / COPERCHIO INSERIBILE / TAMPA DE ENCAIXE / EGYMÁSBA ILLESZTETT FEDŐ / EINSTECKBARER DECKEL / ПОДГОНЯЕМАЯ ПО МЕСТУ КРЫШКА / NÁSUVNÉ VÍKO

PINZA TAPA / COVER RETAINER / CLIP POUR COUVERCLE / CLIP COPERCHIO / GRAMPO PARA TAMPA / FEDŐ RÖGZÍTŐ / KLEMMBEFESTIGUNG DECKEL / ФИКСАТОР ДЛЯ КРЫШКИ / DRŽÁK VÍKA

CRUZ / CROSS BRANCH / DÉRIVATION CROIX / CROCE / CRUZETA / KERESZT IDOM / KREUZ / РАЗВЕТВИТЕЛЬ / KŘÍŽ

DERIVACIÓN / DERIVATION / DÉRIVATION / DERIVAZIONE / DERIVAÇÃO / KIÁLLÁS / ABZWEIGUNG / ОТВОД / ODBOČNÝ DÍL

REDUCCIÓN / REDUCER / RÉDUCTION / RIDUZIONE / REDUÇÃO / SZŰKÍTŐ / REDUKTION / ПЕРЕХОД НА БОЛЬШЕЕ/МЕНЬШЕЕ СЕЧЕНИЕ / REDUKCE

REDUCCIÓN Y TAPA FINAL / REDUCER + END CAP / RÉDUCTION ET EMBOUT FIN DE SECTION / RIDUZIONE + TAPPO DI CHIUSURA / REDUÇÃO E TOPO / TAMPA FINAL / SZŰKÍTŐ ÉS VÉGZÁRÓ / REDUKTION UND ENDDECKEL / ПЕРЕХОД С ЗАГЛУШКОЙ / REDUKCE + KONCOVKA

JUNTA DE UNIÓN ARTICULADA / HINGED COUPLER / ECLISSE ARTICULÉE / GIUNZIONE SNODATA / CHARNIÈRE / JUNTA DE UNIÃO ARTICULADA / CSUKLÓS ÖSSZEKÖTŐ / VERBINDUNGSSTÜCK GELENKIG / СОЕДИНИТЕЛЬ С ШАРНИРОМ / KLOUBOVÁ SPOJKA

SISTEMA ENCHUFABLE / SELF COUPLING SYSTEM / SYSTÈME EMBOITABLE / INNESTO ERE / SISTEMA DE ENCAIXE / PLUG-IN / ÖSSZETOLHATÓ KIVITEL / EINSTECKBARES SYSTEM / БЕЗВИНТОВОЕ СОЕДИНЕНИЕ / ZÁSUVNÝ SYSTÉM

T / T BRANCH / TE / T / DERIVAÇÃO EM T / T IDOM / T / Т-ОБРАЗНЫЙ ОТВОД / T ODBOČKA

JUNTA DE UNIÓN BISAGRA / COUPLER / ECLISSE / GIUNTO DI UNIONE / JUNTA DE UNIÃO / TOLDÓ ELEM / VERBINDUNG / СОЕДИНИТЕЛЬ / SPOJKA ÚHLOVÁ

BANDEJA DE CHAPA REFORZADA / HEAVY DUTY METAL TRAY / CDC EN TÔLE RENFORCÉE / CANALE RINFORZATO / CALHA DE CHAPA REFORÇADA / ERŐSÍTETT FÉM KÁBELTÁLCA / KABELRINNE VERSTÄRKT / МЕТАЛЛИЧЕСКИЙ ЛОТОК ДЛЯ БОЛЬШИХ НАГРУЗОК / ZESÍLENÝ KABELOVÝ ŽLAB


ESPESOR / THICKNESS / ÉPAISSEUR / SPESSORE / ESPESSURA / ANYAGVASTAGSÁG / DICKE / ТОЛЩИНА / TLOUŠŤKA


UNIÓN EXTERIOR / EXTERNAL COUPLER / ECLISSE EXTÉRIEURE / UNIONE INTERNA / UNIÃO EXTERIOR / KÜLSŐ CSATLAKOZÓ / AUSSENVERBINDUNG / ВНЕШНИЙ СОЕДИНИТЕЛЬ / VNĚJŠÍ SPOJKA


UNIÓN INTERIOR / INTERNAL COUPLER / ECLISSE INTÉRIEURE / UNIONE ESTERNA / UNIÃO INTERIOR / BELSŐ CSATLAKOZÓ / INNENVERBINDUNG / ВНУТРЕННИЙ СОЕДИНИТЕЛЬ / VNITŘNÍ SPOJKA



MICRAJE ZINC STANDAR / ZINC STANDARD THICKNESS / MICROMÈTRES ZINC STANDARDS / SPESSORE ZINCATURA STANDARD / MICRAGEM DE ZINCO STANDARD / ÁTLAGOS ZINK BEVONAT / SCHICHTDICKE ZINK STANDART / СТАНДАРТНАЯ ТОЛЩИНА СЛОЯ ЦИНКА / MIKRONŮ STANDARDNĚ



MICRAJE ZINC MÁXIMO / MAXIMUM ZINC THICKNESS / MICROMÈTRES ZINC MAXIMUM / SPESSORE MASSIMO ZINCATURA / MICRAGEM DE ZINCO MÁXIMA / MAXIMÁLIS ZINK BEVONAT / SCHICHTDICKE ZINK MAXIMUM / МАКСИМАЛЬНАЯ ТОЛЩИНА СЛОЯ ЦИНКА / MIKRONŮ MAXIMÁLNĚ



GRADO RESISTENCIA CORROSIÓN / DEGREE OF RESISTANCE TO CORROSION / DEGRÉ DE RÉSISTANCE À LA CORROSION / GRADO DI RESISTENZA ALLA CORROSIONE / GRAU DE RESISTÊNCIA Á CORROSÃO / KORROZIÓ VÉDELEM FOKOZATA / KORROSIONSBESTÄNDIGKEIT / СТЕПЕНЬ ЗАЩИТЫ ОТ КОРРОЗИИ / TŘÍDA ODOLNOSTI PROTI KOROZI


BANDEJA HILO ENCAJABLE / STACKABLE WIRE MESH TRAY / CHEMIN DE CÂBLE EN FIL EMBOITABLE / CANALA A RETE IMPILABILE / CALHA DE VARÃO DE ENCAIXE / PRAKTIKUSAN RAKTÁROZHATÓ HÁLÓS KÁBELTÁLCA / GITTERRINNE STAFFELBAR / СОСТАВНОЙ ПРОВОЛОЧНЫЙ ЛОТОК / DRÁTĚNÝ ŽLAB ZASOUVATELNÝ


BANDEJA HILO ENCHUFABLE / SELF COUPLING WIRE MESH TRAY / CHEMIN DE CÂBLE EN FIL PRÉ-ÉCLISSÉ / CANALA A RETE AD INCASTRO / CALHA DE VARÃO DE UNIÃO RÁPIDA / GYORS CSATLAKOZÁSÚ HÁLÓS KÁBELTÁLCA / GITTERRINNE EINSTECKBAR / ПРОВОЛОЧНЫЙ ЛОТОК С БЕЗВИНТОВЫМ СОЕДИНЕНИЕМ / DRÁTĚNÝ ŽLAB S RYCHLOSPOJKOU


BANDEJA DE HILO REFORZADO / HEAVY DUTY WIRE MESH TRAY / CDC EN FIL RENFORCÉ / CALHA DE VARÃO REFORÇADO / ER SITTET HÁLÓS KÁBELTÁLCA / GITTERRINNE VERSTÄRKT / ПРОВОЛОЧНЫЙ ЛОТОК ДЛЯ БОЛЬШИХ НАГРУЗОК / ZESÍLENÝ DRÁTĚNÝ ŽLAB


BANDEJA DE HILO / WIRE MESH TRAY / CDC EN FIL / CALHA DE VARÃO / HÁLÓS KÁBELTÁLCA / GITTERRINNE / ПРОВОЛОЧНЫЙ ЛОТОК / DRÁTĚNÝ ŽLAB


BAJADA DE CABLES / CABLE DROP OUT / DESCENTE DE CÂBLES / USCITA CAVO / DESCIDA DE CABOS / KÁBEL KIVEZETÉS / KABELABGANG NACH UNTEN / КАБЕЛЬНЫЙ СПУСК / KABELOVÁ ODBOČKA


PERFIL SEPARADOR / DIVIDING WALL / CORNIÈRE DE SÉPARATION / PROFILO SEPARATORE / PERFIL SEPARADOR / ELVÁLASZTÓ ELEM / TRENNSTEG / ПЕРЕГОРОДКА / PŘEPÁŽKA


BANDEJA ESCALERA / CABLE LADDER / ECHELLE À CÂBLES / SCALETTA / CALHA DE ESCADA / KÁBELLÉTRA / KABELLEITER / ЛЕСТНИЧНЫЙ ЛОТОК / KABELOVÝ ŽEBŘÍK


F2E ESCALERA / LADDER FIXING / BRIDE ECHELLE / FISSAGGIO SCALETTA / F2E PARA CALHA DE ESCADA / KÁBELLÉTRA LEFOGATÓ / FLANSCH KABELLEITER / КРЕПЕЖ ДЛЯ ЛЕСТНИЧНОГО ЛОТКА / PŘÍCHYTKA ŽEBŘÍKU


CONJUNTO PINZA TAPA / COVER RETAINER / ENSEMBLE CLIP COUVERCLE / CLIP COPERCHIO / CONJUNTO GRAMPO TAMPA / LÉTRA FEDŐ LEFOGATÓ / GESAMTANORDUNG KLEMMBEFESTIGUNG / ФИКСАТОР ДЛЯ КРЫШКИ / DRŽÁK VÍKA


SOPORTES / SUPPORTS / SUPPORTS / SUPPORTI / SUPORTES / EGYSZERŰ TARTÓK / KONSOLEN / СУППОРТЫ / VÝLOŽNÍK


SOPORTES PARED / WALL BRACKETS / SUPPORTS MURAUX / STAFFAGGIO A PARETE / SUPORTE DE PAREDE / OLDALFALI TARTÓ / WANDKONSOLEN / НАСТЕННЫЕ КРОНШТЕЙНЫ / VÝLOŽNÍK NÁSTĚNNÝ


SOPORTES BÓVEDA / ROUND CEILING BRACKETS / SUPPORTS PAROI / STAFFE PER TUNNEL / SUPORTES DE ABÓBODAS / BOLTÍVES TARTÓ / KONSOLEN GEWÖLBE / КРОНШТЕЙНЫ ДЛЯ СВОДЧАТЫХ ПОТОЛКОВ / VÝLOŽNÍK KLENBA


SOPORTES DE TECHO / CEILING BRACKETS / SUPPORTS PLAFOND / STAFFE A SOFFITTO / SUPORTES DE TECTO / MENNYEZETI TARTÓK / KONSOLEN DECKE / ПОТОЛОЧНЫЕ КРОНШТЕЙНЫ / SYSTÉM ZÁVĚSŮ


SOPORTES DE TECHO INDIVIDUAL / INDIVIDUAL CEILING BRACKETS / SUPPORTS PLAFOND INDIVIDUELS / STAFFE A SOFFITTO INDIVIDUALI / SUPORTES DE TECTO INDIVIDUAIS / EGYSZERŰ MENNYEZETI TARTÓ / INDIVIDUELLE DECKENKONSOLEN / ИНДИВИДУАЛЬНЫЕ ПОТОЛОЧНЫЕ КРОНШТЕЙНЫ / NÁSTĚNNÝ A STROPNÍ DRŽÁK


SOPORTE COLUMPIO / CEILING SUSPENDED SUPPORT / SUPPORT BALANCELLE / SOSTEGNO SOSPESO A SOFFITTO / SUPORTES EM SUSPENSÃO / KÉTOLDALT FÜGGESZTETT TARTÓ / KONSOLE GEWINDESTABABHÄNGUNG / ПОТОЛОЧНЫЙ СУППОРТ ДЛЯ ПОДВЕСА / PROFILOVÁ LIŠTA


SOPORTES MODULARES / MODULAR SUPPORTS / SUPPORTS MODULAIRES / SUPPORTI MODULARI / SUPORTES MODULARES / TARTÓ RENDSZER / MODULARE KONSOLEN / МОДУЛЬНЫЕ СУППОРТЫ / MODULÁRNÍ PODPĚRY


SOPORTES MODULARES TECHOS IRREGULARES / MODULAR SUPPORTS FOR IRREGULAR CELININGS / SUPPORTS MODULAIRES PLAFONDS IRRÉGULIERS / SUPPORTI MODULARI PER SOFFITTI IRREGOLARI / SUPORTES MODULARES PARA TECTOS IRREGULARES / MENNYEZETI TARTÓ RENDSZEREK / MODULARE KONSOLEN FÜR UNREGELMÄSSIGEN DECKEN / МОДУЛЬНЫЕ СУППОРТЫ ДЛЯ НЕСТАНДАРТНЫХ ПОТОЛКОВ / MODULÁRNÍ PODPĚRY PRO NEPRAVIDELNÉ STROPY


SOPORTES MODULARES PARA BÓVEDAS / MODULAR SUPPORTS FOR TUNNELS / SUPPORTS MODULAIRES POUR PAROIS / SUPPORTI MODULARI PER TUNNELS / SUPORTES MODULARES PARA ABÓBODAS / BOLTÍVES TARTÓ RENDSZEREK / MODULARE KONSOLEN FÜR UNREGELMÄSSIGE GEWÖLBE / МОДУЛЬНЫЕ СУППОРТЫ ДЛЯ ТОННЕЛЕЙ / VARIABILNÍ SYSTÉM PRO TUNELY


SOPORTE INDIVIDUAL DE SUELO / INDIVIDUAL FLOOR BRACKET / SUPPORT INDIVIDUEL AU SOL / STAFFE A PAVIMENTO / SUPORTE INDIVIDUAL DE CHÃO / TALAJKÖVETŐ TARTÓK / INDIVIDUELLE KONSOLE FÜR BODEN / ИНДИВИДУАЛЬНЫЙ НАПОЛЬНЫЙ ДЕРЖАТЕЛЬ / PODLAHOVÁ PODPĚRA


SOPORTE MODULAR DE SUELO / MODULAR FLOOR BRACKET / SUPPORT MODULAIRE AU SOL / STAFFE MODULARI A PAVIMENTO / SUPORTE MODULAR DE CHÃO / TALPAS TARTÓ RENDSZEREK / MODULARE KONSOLE FÜR BODEN / МОДУЛЬНЫЙ НАПОЛЬНЫЙ ДЕРЖАТЕЛЬ / MODULÁRNÍ PODLAHOVÁ STOJNY


CANALES Y BANDEJAS INDUSTRIALES DE PVC / PVC TRUNKINGS AND INDUSTRIAL CABLE TRAYS / GOULOTTES ET CHEMINS DE CÂBLES INDUSTRIELS EN PVC / CANALI PVC E CANALIZZAZIONI INDUSTRIALI / CALHAS INDUSTRIAIS DE PVC / IPARI PVC CSATORNÁK ÉS TÁLCÁK / KANÄLE UND KABELRINNEN AUS PVC / КОРОБА И ПРОМЫШЛЕННЫЕ КАБЕЛЬНЫЕ ЛОТКИ ИЗ ПВХ / PVC PRŮMYSLOVÉ KABELOVÉ ŽLABY


CANAL CON F2E / PVC TRAY+IK10 RETAINER / GOULOTTE +BRIDE IK10 / CANALE IN PVC+IK10 ... / CALHA COM F2E / PEREMES CSATORNA / KANAL MIT FLANSCH / ЛОТОК ИЗ ПВХ С ДЕРЖАТЕЛЕМ IK 10 / VÝSTUHA ŽLABU (IK10)


CANAL SIN F2E / PVC TRAY W / O IK10 RETAINER / CANALE IN PVC W / O IK10.. / GOULOTTE SANS BRIDE / CALHA SEM F2E / SIMA CSATORNA / KANAL OHNE FLANSCH / ЛОТОК ИЗ ПВХ БЕЗ ДЕРЖАТЕЛЯ IK 10 / PVC ŽLAB (IK07)


CANAL MACIZA / SOLID BOTTOM / GOULOTTE À PAROI PLEINE / FONDO SOLIDO / CALHA MACIÇA / TÖMŐR CSATORNA / KANAL MASSIV / ЦЕЛЬНЫЙ ПРОФИЛЬ / ŽLAB PLNÝ


CANAL ALVEOLAR / ALVEOLAR STRUCTURE / GOULOTTE ALVÉOLAIRE / STRUTTURA ALVEOLARE / CALHA ALVEOLAR / SZENDVICS SZERKEZETŰ CSATORNA / KANAL MIT HOHLKAMMER / ЯЧЕИСТЫЙ ПРОФИЛЬ / ŽLAB ODLEHČENÝ


PIEZA DERIVACIÓN / DERIVATION / PIÈCE DÉRIVATION / DERIVAZIONE / PEÇA DE DERIVAÇÃO / ELÁGAZÓ ELEM / STÜCK ABZWEIGUNG / ОТВОД / SPOJKA ODBOČNÁ


TAPA FINAL / END CUP / EMBOUT FIN DE SECTION / TAPPO DI CHIUSURA / TOPO / TAMPA FINAL / VÉGZÁRÓ / ENDDECKEL / ЗАГЛУШКА / KONCOVKA


CANALES RANURADAS PARA CUADROS ELÉCTRICOS / SLOTTED TRUNKING FOR ELECTRICAL PANELS / GOULOTTES DE CABLAGE / GUARNIZIONE / CALHAS RANHURADAS PARA QUADROS ELÉCTRICOS / FÉSŰS KÁBELRENDEZŐ CSATORNA / VERDRAHTUNGSKANÄLE FÜR SCHALTSCHRÄNKE / ПЕРФОРИРОВАННЫЙ КОРОБ ДЛЯ РАСПРЕДЕЛИТЕЛЬНЫХ ЩИТОВ / ROZVADĚČOVÉ LIŠTY


RETENEDOR CABLES / CABLE RETAINER / ATTACHE-CÂBLE / SCATOLA DI DERIVAZIONE / RETENTOR DE CABOS / KÁBEL RÖGZÍTŐ / KABELBEFESTIGUNG / ДЕРЖАТЕЛЬ КАБЕЛЯ / DRŽÁK KABELŮ


CANALES ESTANCAS / WATERPROOF TRUNKINGS / GOULOTTE ÉTANCHE / TRUNKING SCANALATA PER QUADRI ELETTRICI / CALHAS ESTANQUES / VÍZÁLLÓ CSATORNA / DICHTE KANÄLE / ВЛАГОНЕПРОНИЦАЕМЫЕ КОРОБА / UZAVŘENÉ ŽLABY


CURVA CÓNCAVA / CONVEXA / OUTSIDE / SERRACAVO / INSIDE RISER / COUDE VERTICAL INTÉRIEUR / EXTÉRIEUR / CURVA CONCAVA / CONVEXA / EMELKEDŐ / BUKÓ IDOM / KURVE KONKAV / KONVEX / ВНЕШНИЙ/ВНУТРЕННИЙ УГОЛ / ÚHEL VNITŘNÍ / VERTIKÁLNÍ


CAJA DERIVACIÓN / DERIVATION BOX / BOITIER DE DÉRIVATION / TRUNKING IMPERMEABILE / CAIXA DE DERIVAÇÃO / ELÁGAZÓ DOBOZ / DOSE / РАСПРЕДЕЛИТЕЛЬНАЯ КОРОБКА / ROZVODNICE


ACOPLAMIENTO A CAJA DERIVACIÓN / OUTLET FLANGE / RACCORD POUR BOITIER DE DÉRIVATION / CURVA CONCAVA / CONVESSA / ACOPLAMENTO Á CAIXA DE DERIVAÇÃO / ELÁGAZÓ DOBOZ KIVEZETÉS / VERBINDUNG FÜR DOSE / ВЫХОДНОЙ ФЛАНЕЦ / PŘÍRUBA ROZVODNICE/


TAPA CIEGA / STOP END / COUVERCLE TÔLE NON PERFORÉE / SCATOLA DI DERIVAZIONE / TAMPA CEGA / VAK DUGÓ / BLINDDECKEL / ОГРАНИЧИТЕЛЬНАЯ ЗАГЛУШКА / ZÁSLEPKA/


TAPA FINAL / END CAP / EMBOUT FIN DE SECTION / FLANGIA D'USCITA / TOPO / TAMPA FINAL / VÉGZÁRÓ / ENDDECKEL / ЗАГЛУШКА / KONCOVKA


JUNTA BUPRENO / RUBBER COUPLER / JOINT BUPRÈNE / TAPPO DI CHIUSURA / JUNTA DE BUPRENO / TÖMITŐ SZALAG / KLEBEDICHTUNG BUPRENO / РЕЗИНОВЫЙ СОЕДИНИТЕЛЬ / TĚSNĚNÍ



TAPA IP65 / IP65 COVER / COUVERCLE IP65 / BULLONE M4 / TAMPA IP65 / FEDŐ IP65 / DECKEL IP65 / КРЫШКА IP 65 / VÍKO IP65


TUBO RÍGIDO / RIGID PIPE / TUBE RIGIDE PVC / GIUNZIONE BUPRENO / TUBO RÍGIDO DE PVC / MEREVFALÚ CSŐ / ROHR STARR PVC / ЖЕСТКАЯ ТРУБА, НЕ СОДЕРЖИТ ГАЛОГЕНА / TRUBKA PEVNÁ


JUNTA TUBO / PIPE COUPLER / MANCHON TUBE / COPERCHIO IP65 / UNIÃO PARA TUBO / CSŐ ÖSSZEKÖTŐ / DICHUNG ROHR / СОЕДИНИТЕЛЬ ТРУБОПРОВОДА / SPOJKA


CURVA BASORTUB / BASORTUB BEND / COUDE BASORTUB / TUBO RIGIDO HALOGEN FREE / CURVA RÍGIDA BASORTUB / CSŐ KANYARIDOM / KURVE BASORTUB / УГОЛ BASORTUB / KOLENO


CURVA FLEXIBLE BASORTUB / BASORTUB FLEXIBLE BEND / COUDE FLEXIBLE BASORTUB / ACCOPPIAMENTO TUBI / CURVA FLEXIVEL BASORTUB / FLEXIBILIS KANYARIDOM / FLEXIBLE KURVE BASORTUB / ГИБКИЙ УГОЛ BASORTUB / FLEXIBILNÍ KOLENO


RACOR TUBO A CAJA / PIPE TO BOX FITTING / RACCORD TUBE BOITIER / CURVA BASORTUB / RACOR DO TUBO Á CAIXA / CSŐ SZERELVÉNY DOBOZ / GEWINDEANSCHLUSS ROHR AN DOSE / ТРУБА К МОНТАЖНОЙ КОРОБКЕ / VÝVODKA PŘÍMÁ


SOPORTE A PARED / WALL BRACKET / SUPPORT MURAL / BASORTUB CURVA FLESSIBILE / SUPORTE DE PARADE / FALIRÖGZÍTŐ CSÖVEKHEZ / KONSOLE AN DECKE / НАСТЕННЫЙ ДЕРЖАТЕЛЬ / PŘÍCHYTKA


ABRAZADERA / CABLE TIE / COLLIER / RACCORDO TUBO A SCATOLA / ABRAÇADEIRA / GYORSKÖTÖZŐS FALIRÖGZÍTŐ / KLEMMSTÜCK / КАБЕЛЬНЫЙ ХОМУТ / PŘÍCHYTKA S PÁSKEM


NO NECESITA MANGUITO DE UNIÓN / NO UNION-SLEEVE NEEDE / ASSEMBLAGE SANS MANCHON / NON NECESSITA MANICOTTO/GUAINA D'UNIONE / NÃO NECESSITA DE UNIÃO / NEM SZÜKSÉGES TOLDÓ / BENÖTIGT KEINE VERBINDUNGSMUFFE / НЕ ТРЕБУЮТСЯ СОЕДИНИТЕЛЬ / NENÍ POTŘEBA SPOJKY


TUBO FLEXIBLE / FLEXIBLE PIPE / TUBE FLEXIBLE / STAFFA A PARETE / TUBO FLEXIVEL / FLEXICSŐ / ROHR FLEXIBEL / ГИБКАЯ ТРУБКА, НЕ СОДЕРЖИТ ГАЛОГЕНА / TRUBKA OHEBNÁ BEZHALOGENOVÁ


ACCESORIOS DE INSTALACIÓN Y SISTEMAS DE MONTAJE / INSTALLATION ACCESSORIES AND MOUNTING SYSTEM / ACCESSOIRES D'INSTALLATION ET SYSTÈME DE MONTAGE / FASCETTA STRINGICAVO / ACESSÓRIOS PARA INSTALAÇÃO E SISTEMAS DE MONTAGENS / SZERELÉSHEZ SZÜKSÉGES TARTOZÉKOK / KIEGÉSZÍTŐK / INSTALATIONS - UND MONTAGESYSTEM ZUBEHÖR / МОНТАЖНЫЕ АКСЕССУАРЫ / INSTALAČNÍ PŘÍSLUŠENSTVÍ A MONTÁŽNÍ SYSTÉM


PERFILES PARA CUADROS ELÉCTRICOS / PROFILES FOR ELECTRICAL PANELS / RAILS POUR ARMOIRES ÉLECTRIQUES / PROFILI PER PANNELLI ELETTRICI / TUBO FLESSIBILE (HALOGEN FREE) / PERFIS PARA QUADROS ELÉCTRICOS / PROFILOK ELEKTROMOS SZEKRÉNYEKHEZ / PERFILE FÜR SCHALTSCHRÄNKE / ПРОФИЛИ ДЛЯ РАСПРЕДЕЛИТЕЛЬНЫХ ЩИТОВ / DIN LIŠTY PRO ROZVADĚČOVÉ LIŠTY


PERFILES DE FIJACIÓN A PARED / WALL FIXING PROFILES / RAILS DE FIXATION AU MUR / ACCESSORI D'INSTALLAZIONE E SISTEMA DI MONTAGGIO / PERFIS DE FIXAÇÃO Á PAREDE / PROFILOK FALISZERELVÉNY-HEZ / PERFILE FÜR WANDBEFESTIGUNG / ПРОФИЛИ НАСТЕННОГО КРЕПЕЖА / UCHYCENÍ NA STĚNU


ELEMENTOS DE FIJACIÓN A VIGAS / ELEMENTI DI FISSAGGIO / ELEMENTOS DE FIXAÇÃO PARA VIGAS / / / / UCHYCENÍ NA OCELOVÝ NOSNÍK I


ELEMENTOS ROSCADOS / SCREWED ELEMENTS / ELEMENTS FILETÉS / FISSAGGIO A PARETE PER PROFILI / VARÕES ROSCADOS / CSAVAROK / GESCHRAUBTE ELEMENTE / РЕЗЬБОВЫЕ ЭЛЕМЕНТЫ / UCHYCENÍ ZÁVITOVOU TYČÍ


ANCLAJES A HORMIGÓN / CONCRETE FIXINGS / ANCRAGES POUR BÉTON / TASSELLI A MURO / BUCHAS PARA BETÃO / DÜBELEK / BEFESTIGUNGSANKER FÜR BETON / АНКЕРЫ / UCHYCENÍ DO BETONU


DERIVACIÓN TOMA TIERRA / EARTHING CLAMP / DÉRIVATION PRISE À TERRE / MORSETTO DI MESSA A TERRA / DERIVAÇÃO DE TERRA / FÖLDELÉS / ABLEITUNG ERDUNG / ЗАЗЕМЛЯЮЩАЯ КЛЕММА / ZEMNICÍ SVORKA


SOLAR / SOLAR / SOLAIRE / SOLARE / SOLAR / NAP / SOLAR / СОЛНЕЧНАЯ / SLUNEČNÍ



COEFICIENTE DE DEFORMACIÓN MM/KG.M / COEFFICIENT OF DEFORMATION MM/KG.M / COEFFICIENT DE DÉFORMATION / COEFFICIENTE DI DEFORMAZIONE MM/KG.M / COEFICIENTE DE DEFORMAÇÃO MM/KG.M / DEFORMÁLODÁSI TÉNYEZŐ / VERFORMUNGSKOEFFIZIENT MM/KG.M / КОЭФФИЦИЕНТ ДЕФОРМАЦИИ ММ/КГ.М / KOEFICIENT DEFORMACE mm / Kg.m



FUERZA MÁXIMA KG / MAX STRENGTH KG / FORCE MAXIMUM KG. / FORZA MASSIMA KG / FORÇA MÁXIMA KG / MAXIMÁLIS TERHELÉS / MAXIMALE KRAFT KG / МАКСИМАЛЬНАЯ ПРОЧНОСТЬ КГ / MAXIMÁLNÍ NOSNOST KG



MOMENTO MÁXIMO KG.M / MAX MOMENTUM KG.M / MOMENT MAXIMUM KG.M / SLANCIO MASSIMO KG.M / MOMENTO MÁXIMO KG.M / MAXIMÁLIS IDŐ / MAXIMALER MOMENT KG M / МАКСИМАЛЬНЫЙ МЕХАНИЧЕСКИЙ МОМЕНТ КГ.М / NOSNOST KG.M



PAR DE PRIETE N.M (PAR DE APRIETE) / TORQUE N.M / COUPLE DE SERRAGE N.M / COPPIA N.M / APERTO N.M / NYOMATÉK / DREHMOMENT N.M / ВРАЩАЮЩИЙ МОМЕНТ H.M / UTAHOVACÍ MOMENT N.M


INCLUYE /INCLUDE / COMPREND / COMPRENDE / INCLUI / TARTALMAZZA / ES UMFASST/ОНА ВКЛЮЧАЕТ В СЕБЯ/OBSAHUJE


RECOMENDADO PARA BAJANTES/ RECOMMENDED FOR DOWNPIPES/ RECOMMANDÉ POUR LES TUYAUX DE DESCENTE/ CONSIGLIATO PER PLUVIALI/ RECOMENDADO PARA DOWNPIPES/ AJÁNLOTT LEFOLYÓCSÖVEK/ FÜR REGENFALLROHRE EMPFOHLEN/ РЕКОМЕНДУЕТСЯ ДЛЯ ВОДОСТОЧНЫХ ТРУБ/ ODPORÚČA SA PRE ZVODOV


RECOMENDADO PARA INSTALACIONES SUJETAS A LA ACCION DEL VIENTO / RECOMMENDED FOR INSTALLATIONS WITH WIND / RECOMMANDÉ POUR INSTALLATIONS AVEC VENT / CONSIGLIATO PER IMPIANTI CON WIND / RECOMENDADO PARA INSTALAÇÕES COM VENTO / AJÁNLOTT LÉTESÍTMÉNYEK SZÉL / FÜR ANLAGEN MIT WIND EMPFOHLEN / РЕКОМЕНДУЕТСЯ ДЛЯ УСТАНОВКИ С ВЕТРОВЫМИ / ODPORÚČAME PRE INŠTALÁCIE S VETROM


UN TORNILLO EN CADA ALA / A SCREW INTO EACH ALA / UNE VIS DANS CHAQUE ALA / UNA VITE IN OGNI ALA / UM PARAFUSO EM CADA ALA / A CSAVART MINDKÉT ALA / EINE SCHRAUBE IN JEDE ALA / ШУРУП В КАЖДУЮ ALA / SKRUTKA DO KAŻDEJ ALA


UN TORNILLO EN CADA ALA Y UNO EN LA BASE / A SCREW INTO EACH ALA AND ONE IN THE BASE / UNE VIS DANS CHAQUE ALA ET UN DANS LA BASE / UNA VITE IN OGNI ALA E UNO NEL BASE / UM PARAFUSO EM CADA ALA E UM NO BASE / A CSAVART MINDKÉT ALA ÉS EGY A BASE / EINE SCHRAUBE IN JEDE ALA UND EINE IN DER BASE / ШУРУП В КАЖДУЮ ALA И ОДИН В БАЗИСНОМ / SKRUTKA DO KAŻDEJ ALA A JEDEN V ZÁKLADNI



FUNCIONA PARA H60 Y H100 / WORKS FOR H60 AND H100 / TRAVAUX POUR H60 ET H100 / OPERE PER H60 E H100 / TRABALHA PARA H60 E H100 / WORKS FOR H60 ÉS H100 / ARBEITEN FÜR H60 UND H100 / ДЛЯ РАБОТЫ H60 И H100 / PRÁCA PRE H60 A H100


FIJACIÓN POR CARA CERRADA/ FIXING CLOSED FACE/ FIXANT VISAGE FERMÉ/ FISSAGGIO FRONTE CHIUSO/ FIXAÇÃO FACE FECHADA/ RÖGZÍTŐ ZÁRT FACE/ BEFESTIGUNG GESCHLOSSEN GESICHT/ КРЕПЁЖНАЯ ЗАМКНУТАЯ ГРАНЬ/ FIXING ZATVORENÉ FACE


FIJACIÓN POR CARA ABIERTA/ FIXING FOR OPEN FACE/ FIXATION POUR OUVRIR VISAGE/ STABILISCE, PER IL VISO APERTO/ QUE FIXA, PARA A CARA ABERTA/ ÉVRE TÖRTÉNŐ MEGHATÁROZÁSÁRÓL SZÓLÓ NYÍLT ARCA/ BEFESTIGUNG FÜR OFFENE GESICHT/ КРЕПЕЖНЫМ ОТКРЫТОЕ ЛИЦО/ KTORÝM SA NA ODKRYTÚ TVÁROU


CORTE EN OBRA/ CUT WORK/ CUT TRAVAIL/ TAGLIO DI LAVORO/ TRABALHO CUT/ MEGMUNKÁLÁS/ CUT WORK/ CUT РАБОТЫ/ CUT PRÁCE


FIJACIÓN A PARED POR UN LATERAL/ FIXING A WALL ON ONE SIDE/ FIXER UN MUR SUR UN CÔTÉ/ FISSAGGIO A PARETE SU UN LATO/ A FIXAÇÃO DE UM PAREDE DE UM LADO/ RÖGZÍTÉSE FALAK AZ EGYIK OLDALON/ FESTSETZUNG EINE WAND AUF EINER SEITE/ ФИКСИРУЯ WALL НА ОДНОЙ СТОРОНЕ/ UPEVNENIE MÚR NA JEDNEJ STRANE


CURVABLE CON APLICACIÓN DE CALOR/ FOLDING WITH HEAT/ PLIAGE AVEC LA CHALEUR/ PIEGHEVOLE CON IL CALORE/ DOBRÁVEL COM APLICAÇÃO DE CALOR/ ÖSSZECSUKHATÓ HŐVEL/ FOLDING MIT WÄRME/ СКЛАДНЫЕ С ВЫСОКОЙ ТЕМПЕРАТУРОЙ/ SKLADACIE S TEPLOM


CLASIFICACIÓN HILO INCANDESCENTE SEGÚN UNE-EN 60695/ GLOW WIRE CLASSIFICATION UNE-EN 60695/ GLOW WIRE CLASSIFICAZIONE UNE-EN 60695/ GLOW FIO CLASSIFICAÇÃO UNE-EN 60695/ IZZÍTÓSZÁLAS BESOROLÁS UNE-EN 60695/ GLÜHDRAHT KLASSIFIKATION UNE-EN 60695/ РАСКАЛЕННЫЙ ПРОВОД КЛАССИФИКАЦИЯ UNE-EN 60695/ HORÚCOU KLASIFIKÁCIA UNE-EN 60695


LIGERO/ LIGHT/ LÉGÈRE/ LEGGERO/ LEVE/ KÖNNYŰ/ LEICHT/ ЛЕГКИЙ/ ĽAHKÉ


TRANSITABLE/PASSABLE/CIRCULABLES/CALPESTABILE/TRANSITÁVEIS/JÁRHATÓ/BEFAHRBAREN/ЭКСПЛУАТИРУЕМАЯ/POCHÔDZNEJ


NO TRANSITABLE/ NO PASSABLE/NO CIRCULABLES/ NO CALPESTABILE/ NO TRANSITÁVEIS/ NO JÁRHATÓ/NO BEFAHRBAREN/
НЕТ ЭКСПЛУАТИРУЕМАЯ/ NIE POCHÔDZNEJ


ENCAJABLE/ STACKABLE/ EMPILABLE/ IMPILABILE/ STACKABLE/ RAKÁSOLHATÓ/ STAPELBAR/ STACKABLE


APILABLE EN VARIOS NIVELES EN VERTICAL/ APILABLE IN VARIOUS LEVELS IN VERTICAL/ APILABLE DANS DIFFERENTS NIVEAUX EN VERTICAL/ APILABLE IN VARI LIVELLI IN VERTICALE/ APILABLE EM VÁRIOS NÍVEIS NA VERTICAL/ APILABLE KÜLÖNBÖZŐ SZINTEKEN FÜGGŐLEGES/ APILABLE IN VERSCHIEDENEN EBENEN IN VERTICAL/ APILABLE В РАЗЛИЧНЫХ УРОВНЕЙ В ВЕРТИКАЛЬНОМ/ APILABLE NA RÔZNYCH POSTOCH VO VERTIKÁLNYCH


RADIO DE CURVATURA / BENDING RADIUS / RAYON DE COURBURE / RAGGIO DI CURVATURA / RAIO DE CURVATURA / HAJLÍTÁSI SUGÁR / BIEGERADIUS / RADIUS ГИБКА / POLOMĚR OHYBU


ESTÁTICO / ESTATIC / EN EXTASE / ESTATICA / ECTÁTICO / ELRAGADTATOTT / BEGEISTERT / ЭКСТАТИЧЕСКИЙ / EXTATICKÝ


MOVIMIENTO / MOVEMENT / MOUVEMENT / MOVIMENTO / MOVIMENTO / MOZGÁS / BEWEGUNG / ДВИЖЕНИЕ / POHYB


INCLUYE TUERCA / INCLUDES NUT / COMPREND ÉCROU / COMPRENDE DADO / INCLUI NOZ / EZ MAGÁBAN FOGLALJA ANYA / ES UMFASST NUSS / ОНА ВКЛЮЧАЕТ В СЕБЯ ОРЕХ / OBSAHUJE MATICE


VER BASORPLAST QRL / SEE BASORPLAST QRL / VOIR BASORPLAST QRL / VEDERE BASORPLAST QRL / VEJO BASORPLAST QRL / LÁT BASORPLAST QRL / SEHEN BASORPLAST QRL / ВИДЕТЬ BASORPLAST QRL / VIDĚT BASORPLAST QRL /


BRIDA / CLAMP / BRIDE / PIASTRA FISSAGGIO / BRIDA / LEFOGATÓ ELEM / KLEMME / ЗАЖИМ / SVĚRÁK


SECTOR NAVAL / NAVAL SECTOR / SECTEUR NAVAL / SETTORE NAVALE / SETOR NAVAL / HADITENGERÉSZETI SZEKTORBAN / MARINESEKTOR / ВОЕННО-МОРСКОЙ СЕКТОР / NÁMOŘNÍ SEKTOR


LLAVE ALLEN / HEX KEY / CLÉ ALLEN / CHIAVE A BRUGOLA / CHAVE SEXTAVADA / IMBUSZKULCS / INNENSECHSKANT / ШЕСТИГРАННЫЙ КЛЮЧ / KLÍČOVÝM HEX

L > 100 m — SISTEMA CON CONTINUIDAD ELÉCTRICA SEGÚN UNE-EN 61537 Y/O UNE-EN 50085 / SYSTEM WITH ELECTRICAL CONTINUITY ACCORDING TO UNE-EN 61537 AND/OR UNE-EN 50085 / SYSTÈME GARANTISSANT LA CONTINUITÉ ELECTRIQUE SELON UNE-EN 61537 / UNE-EN 50085 / SISTEMA COM CONTINUIDADE ELÉCTRICA SEGUNDO A NORMA UNE-EN 61537 E/OU UNE-EN 50085 / ELEKTROMOS VEZETŐ AZ UNE-EN 62537/ UNE-EN 50085 NORMA SZERINT / SYSTEM MIT ELEKTRISCHE LEITFÄHIGKEIT NACH UNE-EN 61537 UND/ODER UNE-EN 50085 / СИСТЕМА, ОБЛАДАЮЩАЯ ЭЛЕКТРОПРОВОДНОСТЬЮ, ВЫПОЛНЕНА В СООТВЕТСТВИИ СО СТАНДАРТАМИ UNE-EN 61537 И/ИЛИ UNE-EN 50085 / PROPOJENÍ ELEKTRICKÉHO SYSTÉMU UNE-EN 61537 A/NEBO UNE-EN 50085

SISTEMA AISLANTE SEGÚN UNE-EN 61537/ UNE-EN 50085 O UNE-EN 61386 / INSULATING SYSTEM ACCORDING TO UNE-EN 61537/ UNE-EN 50085 OR UNE-EN 61386 / SYSTÈME D' ISOLATION SELON UNE-EN 61537/ UNE-EN 50085 OU UNE-EN 61386 / SISTEMA ISOLANTE SEGUNDO A NORMA UNE-EN 50085 OU UNE-EN 61386 / SZIGETELÉS AZ UNE-EN 61537/UNE-EN 50085 /UNE-EN 61386 NORMÁK SZERINT / ISOLIERSYSTEM NACH UNE-EN 61537/ UNE-EN 50085 ODER UNE-EN 61386 / ИЗОЛИРОВАННАЯ СИСТЕМА (НЕ ПРОВОДИТ ТОК) ВЫПОЛНЕНА В СООТВЕТСТВИИ СО СТАНДАРТАМИ UNE-EN 61537, UNE-EN 50085 ИЛИ UNE-EN 61386 / IZOLAČNÍ SYSTÉM DLE UNE-EN 61537, EN 50085 NEBO UNE-EN 61386

E90 — INSTALACIÓN RESISTENTE AL FUEGO CLASIFICADA COMO E90 SEGÚN DIN4102-12 / FIRE RESISTANT INSTALLATION/ E90 CLASSIFIED ACCORDING TO DIN4102-12 / / INSTALAÇÃO RESISTENTE AO FOGO CLASSIFICADA COMO E90 SEGUNDO A NORMA DIN4102-12 / E90-ES FUNKCIÓTARTÓ SZERELÉS A DIN4102-12 NORMA SZERINT / FEUERFESTE INSTALLATION/ KLASSIFIZIERT WIE E90 LAUT DIN4102-12 NORM / ПОЖАРОБЕЗОПАСНАЯ УСТАНОВКА E90 КЛАССИФИЦИРОВАНА В СООТВЕТСТВИИ СО СТАНДАРТОМ DIN4102-12 / POŽÁRNĚ ODOLNÉ INSTALACE E90 KLASIFIKOVÁNY PODLE DIN4102-12

NO PROPAGADOR DE LA LLAMA SEGÚN UNE-EN 61537/ UNE-EN 50085 O UNE-EN 61386 (SE INDICA ADICIONALMENTE LA CLASIFICACIÓN SEGÚN UNE 23727 Y/O UL94) / SELF EXTINGUISHABLE ACCORDING TO UNE-EN 61537/ UNE-EN 50085 OR UNE-EN 61386 (UNE 23727 AND/OR UL94) / NON PROPAGATEUR DE LA FLAMME SELON UNE-EN 61537/ UNE-EN 50085 OU UNE -EN 61386 (LE CLASSEMENT SELON UNE 23727 ET UL94 EGALEMENT INDIQUÉ) / NÃO PROPAGADOR DE CHAMA / ÉGÉSGÁTLÓ AZUNE-EN61537/UNE-EN 50085 NORMÁK SZERINT / СИСТЕМА ПОЖАРОТУШЕНИЯ ВЫПОЛНЕНА В СООТВЕТСТВИИ СО СТАНДАРТАМИ UNE-EN 61537, UNE-EN 50085 ИЛИ UNE-EN 61386 (UNE 23727 И/ИЛИ UL94) / SAMOZHÁŠIVÝ PODLE UNE-EN 61537, UNE-EN 50085 NEBO UNE-EN 61386 (UNE 23727 A/NEBO UL94)

150°C / -50°C — UNE-EN 61537 — TEMPERATURA MÍNIMA Y MÁXIMA SEGÚN NORMA INDICADA / MINIMUM AND MAXIMUM WORKING TEMPERATURES ACCORDING TO THE MENTIONED STANDARD / TEMPÉRATURE MINIMUM / MAXIMUM SELON NORME INDIQUÉE / TEMPERATURA MÍNIMA E MÁXIMA/ SEGUNDO A NORMA INDICADA / SZABVÁNYBAN MEGHATÁROZOTT HŐMÉRSÉKLETI MINIMUM ÉS MAXIMUM / MINIMALE UND MAXIMALE TEMPERATUR JE NACH ANGEGEBENE NORM / МИНИМАЛЬНАЯ И МАКСИМАЛЬНАЯ РАБОЧАЯ ТЕМПЕРАТУРА УКАЗАНА В СООТВЕТСТВИИ С УПОМЯНУТЫМИ СТАНДАРТАМИ. / MINIMÁLNÍ A MAXIMÁLNÍ PRACOVNÍ TEPLOTY V ZÁVISLOSTI NA UVEDENÉ NORMY

3 5 — RESISTENCIA A LA CORROSIÓN EN FUNCIÓN DEL ACABADO SEGÚN NORMA UNE-EN 61537 / RESISTANCE TO CORROSION ACCORDING TO STANDARD UNE-EN 61537 / RÉSISTANCE À LA CORROSION SELON FINITION DU MATERIEL EN ACCORD AVEC LA NORME UNE-EN 61537 / RESISTÊNCIA Á CORROSÃO EM FUNÇÃO DO ACABAMENTO/ SEGUNDO A NORMA ENE-EN 61537 / KORRÓZIÓVÉDELEM FELHASZNÁLÁSI TERÜLET SZERINT / KORROSIONSBESTÄNDIG JE NACH FERTIGUNG LAUT NORM UNE-EN 61537 / ПОКАЗАТЕЛЬ КОРРОЗИОННОЙ СТОЙКОСТИ УКАЗАН В СООТВЕТСТВИИ СО СТАНДАРТОМ UNE-EN 61537 / ODOLNOST PROTI KOROZI PODLE NORMY UNE-EN 61537

BUEN COMPORTAMIENTO FRENTE UV / GOOD BEHAVIOUR TO UV / BON COMPORTEMENT AUX UV / BOM COMPORTAMENTO AOS RAIOS UV / UV ÁLLÓ / GUTES VERHALTEN GEGENÜBER UV / СОХРАНЕНИЕ ХАРАКТЕРИСТИК ПОД ВОЗДЕЙСТВИЕМ УЛЬТРАФИОЛЕТА / DOBRÁ SNÁŠENLIVOST UV ZÁŘENÍ

RESISTENCIA EN EXTERIOR LIMITADA / LIMITED OUTDOOR RESISTANCE / RESISTANCE LIMITÉE EN EXTERIEUR / RESISTÊNCIA NO EXTERIOR LIMITADA / KÜLTÉRI ALKALMAZÁS KORLÁTOZÁSOKKAL / AUSSEN RESISTENZ LIMITIERT / ОГРАНИЧЕННЫЙ СРОК СЛУЖБЫ ПРИ ИСПОЛЬЗОВАНИИ ВНЕ ПОМЕЩЕНИЯ / OMEZENÁ VENKOVNÍ ODOLNOST

SISTEMA PARA MONTAJE ÚNICAMENTE EN INSTALACIONES DE INTERIOR / INDOOR INSTALLATION ONLY / SYSTÈME DE MONTAGE UNIQUEMENT POUR INSTALLATIONS EN INTÉRIEUR / SISTEMA PARA APLICAÇÃO ÚNICAMENTE EM INTERIORES / CSAK BELTÉREN ALKALMAZHATÓ / MONTAGE SYSTEM NUR FÜR INNENEINRICHTUNGEN / ПРЕДНАЗНАЧЕНО ТОЛЬКО ДЛЯ УСТАНОВКИ В ПОМЕЩЕНИИ / POUZE VNITŘNÍ INSTALACE

20J — RESISTENCIA AL IMPACTO SEGÚN UNE-EN 61537 Y/O UNE-EN 50085 / RESITANCE TO IMPACT ACCORDING TO UNE-EN 61537 AND/OR UNE-EN 50085 / RÉSISTANCE AU CHOC MÉCANIQUE SELON NORME UNE-EN 61537 / UNE-EN 50085 / RESISTÊNCIA AO IMPACTO SEGUNDO A NORMA UNE-EN 61537 E/OU UNE-EN 50085 / ÜTÉSÁLLÓ UNE-EN 61537/UNE-EN 50085 NORMÁK SZERINT / SCHLAGZÄHIGKEIT LAUT UNE-EN 61537 UND/ODER UNE-EN 50085 / ПОКАЗАТЕЛЬ УСТОЙЧИВОСТИ К ВОЗДЕЙСТВИЮ ВНЕШНИХ ФАКТОРОВ ПРИВЕДЕН В СООТВЕТСТВИИ СО СТАНДАРТОМ UNE-EN 61537 И/ИЛИ UNE-EN 50085 / ODOLNOST PROTI NÁRAZU DLE UNE-EN 61537 A/NEBO UNE-EN 50085

IKXX — GRADO IK SEGÚN IEC 50102 / IK DEGREE ACCORDING TO IEC 50102 / DEGRÉ IK SELON IEC 50102 / GRAU IK SEGUNDO NORMA IEC 50102 / IK VÉDETT AZ IEC 5012 SZERINT / IK GRAD LAUT IEC 50102 / ПОКАЗАТЕЛЬ МЕХАНИЧЕСКОЙ ПРОЧНОСТИ IK ПРИВЕДЕН В СООТВЕТСТВИИ СО СТАНДАРТОМ IEC 50102 / IK STUPEŇ PODLE IEC 50102

IPXX — IP 40 — GRADO IP SEGÚN IEC 60529 / IP DEGREE ACCORDING TO IEC 60529 / DEGRÉ IP SELON IEC 60529 / GRAU IP SEGUNDO NORMA IEC 60529 / IP VÉDETT AZ IEC 60529 NORMA SZERINT / GRAD IP LAUT IEC 60529 / ПОКАЗАТЕЛЬ ЗАЩИТЫ IP ПРИВЕДЕН В СООТВЕТСТВИИ СО СТАНДАРТОМ IEC 60529 / IP KRYTÍÍ PODLE IEC 60529

1250N — RESISTENCIA A LA COMPRESIÓN SEGÚN UNE-EN 61386 / COMPRESSION RESISTANCE ACCORDING TO UNE-EN 61386 / RÉSISTANCE À LA COMPRESSION SELON UNE-EN 61386 / RESISTÊNCIA Á COMPRESSÃO SEGUNDO A NORMA UNE-EN 61386 / NYOMÁS ÁLLÓ AZ UNE-EN 61381 NORMA SZERINT / KOMPRIMIERUNGSRESISTENZ LAUT UNE-EN 61386 / ПОКАЗАТЕЛЬ УСТОЙЧИВОСТИ К КОМПРЕССИИ УКАЗАН В СООТВЕТСТВИИ СО СТАНДАРТОМ UNE-EN 61386 / ODOLNOST PROTI TLAKU DLE UNE-EN 61386

6J — RESISTENCIA AL IMPACTO SEGÚN UNE-EN 61386 / IMPACT RESISTANCE ACCORDING TO UNE-EN 61386 / RÉSISTANCE AU CHOC MÉCANIQUE SELON UNE-EN 61386 / RESISTÊNCIA AO IMPACTO SEGUNDO A NORMA UNE-EN 61386 / ÜTÉSÁLLÓ AZ UNE-EN 61386 NORMA SZERINT / SCHLAGZÄHIGKEIT LAUT UNE-EN 61386 SCHLAGZÄHIGKEIT LAUT UNE-EN 61386 / ПОКАЗАТЕЛЬ УСТОЙЧИВОСТИ К ВОЗДЕЙСТВИЮ ВНЕШНИХ ФАКТОРОВ ПРИВЕДЕН В СООТВЕТСТВИИ СО СТАНДАРТОМ UNE-EN 61386 / ODOLNOST PROTI NÁRAZU DLE UNE-EN 61386

ISO/TR 10358 DIN 8061 — SISTEMA PLÁSTICO RESISTENTE A AMBIENTES HÚMEDOS/ SALINOS Y QUÍMICAMENTE AGRESIVOS S/ DIN 8061 E ISO/TR 10358 / PLASTIC SYSTEM RESISTANT TO HUMIDITY/ SALTY AND CHEMICAL ENVIRONMENTS ACCORDING TO DIN 8061 AND ISO/TR 10358 / SYSTÈME PLASTIQUE RÉSISTANT AUX ENVIRONNEMENTS HUMIDES/ SALINS ET CHIMIQUEMENT AGRESSIFS SELON DIN8061 ET ISO/TR 10358 / SISTEMA PLÁSTICO RESISTENTE A AMBIENTES HÚMIDOS/ SALINOS E QUIMICAMENTE AGRESSIVOS/ SEGUNDO NORMA S/ DIN 8061 E ISSO/TR 10358 / PÁRÁS SÓS KÉMIAI KÖRNYEZETBEN ALKALMAZHATÓ DIN 8061/ISO/TR 10358 / PLASTISCHES SYSTEM/ RESISTENZ IN FEUCHTEM/ SALZHALTIGEM UND CHEMISCHEN MEDIUM S/ DIN 8061 E ISO/TR 10358 / ПОКАЗАТЕЛЬ УСТОЙЧИВОСТИ ПЛАСТИКОВОЙ СИСТЕМЫ К ВЛАЖНОСТИ, НАХОЖДЕНИЮ В СОЛЕНОЙ ИЛИ ХИМИЧЕСКОЙ СРЕДЕ УКАЗАН В СООТВЕТСТВИИ СО ТАНДАРТОМ DIN 8061 И ISO/TR 10358 / PLAST.SYSTÉM ODOLNÝ VŮČI VLHKOSTI, SLANÉMU A CHEMICKÉMU PROSTŘEDÍ DLE DIN 8061 A ISO / TR 10358

SISTEMA RESISTENTE A AMBIENTES HÚMEDOS Y QUÍMICAMENTE AGRESIVOS / SYSTEM RESITANT TO HUMIDITY AND AGGRESSIVE CHEMICAL ENVIRONMENTS / SYSTÈME RÉSISTANT AUX ENVIRONNEMENTS HUMIDES ET CHIMIQUEMENT AGRESSIFS / SISTEMA RESISTENTE A AMBIENTES HÚMIDOS E QUIMICAMENTE AGRESSIVOS / KORRÓZIÓ ÉS SAVÁLLÓ / IN FEUCHTER UND CHEMISCHER UMGEBUNG RESISISTENTE SYSTEME / ПОКАЗАТЕЛЬ УСТОЙЧИВОСТИ СИСТЕМЫ ВЛАЖНОСТИ И НАХОЖДЕНИЮ В АГРЕССИВНОЙ ХИМИЧЕСКОЙ СРЕДЕ ПРИВЕДЕН В СООТВЕТСТВИИ СО СТАНДАРТОМ ROHS 2002/95/EC / SYSTÉM ODOLNÝ PROTI VLHKOSTI A AGRESIVNÍMU CHEMICKÉMU PROSTŘEDÍ

RoHS — CONFORME CON DIRECTIVA ROHS 2002/95/EC / ACCORDING TO ROHS 2002/95/EC / RESPECT DE LA DIRECTIVE ROHS 2002/95/EC / CONFORME A DIRECTIVA ROHS 2002/95/EC / ROHS 2002/95/IEC NORMÁNAK MEGFELEL / ROHS 2002/95/EC KONFORM / СООТВЕТСТВУЕТ ROHS 200/95/EC / ROHS PODLE 2002/95/EC

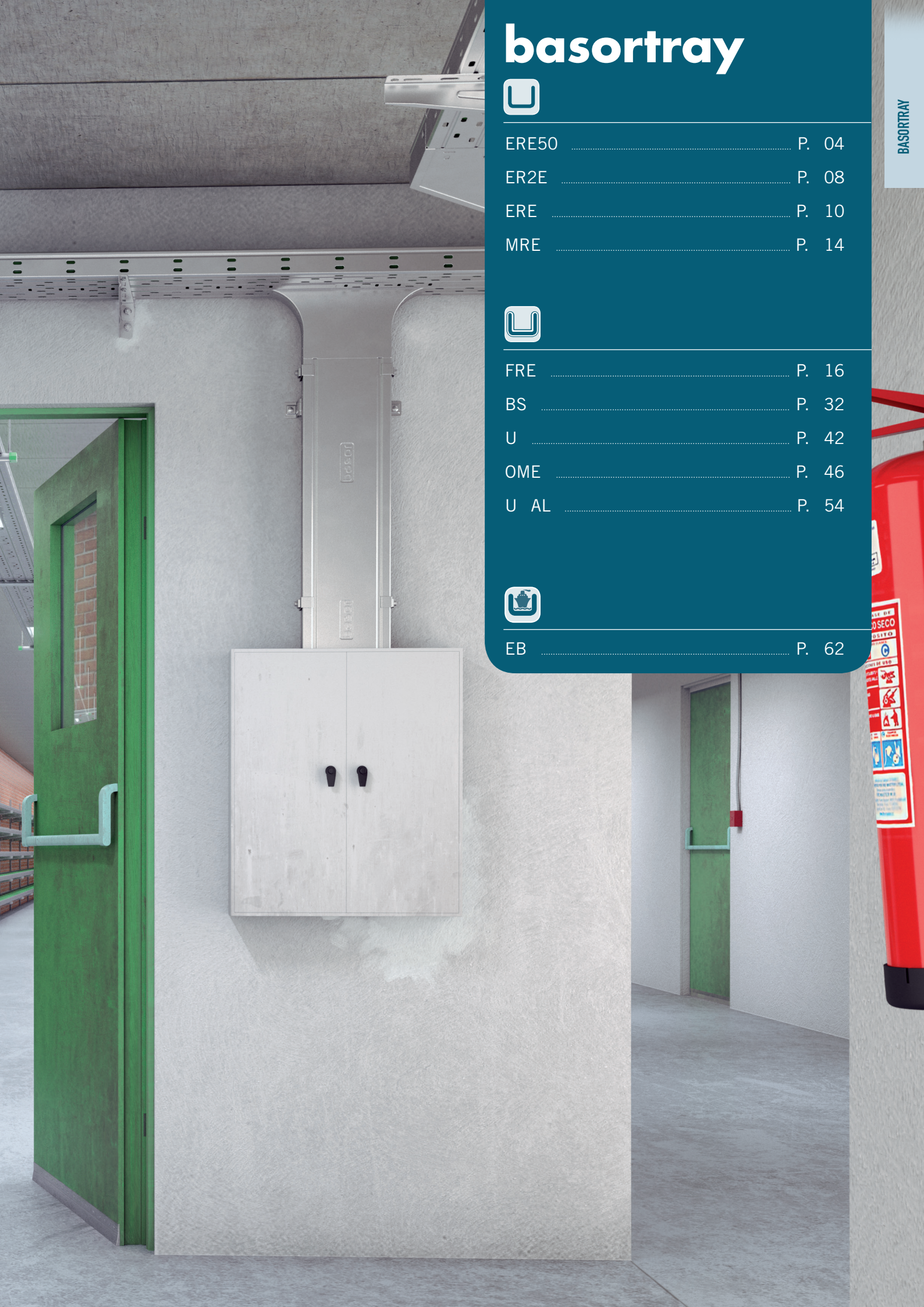
AL x3 — MATERIAL 3 VECES MÁS LIGERO QUE EL ACERO/ FACILIDAD DE TRANSPORTE/ MONTAJE Y MANIPULACIÓN / THREE TIMES LIGHTER THAN STEEL/ EASE OF TRANSPORT/ ASSEMBLY AND MANIPULATION / MATÉRIAU 3 FOIS PLUS LÉGER QUE L'ACIER; AVANTAGEUX POUR LE TRANSPORT/ MANIPULATION ET MONTAGE / MATERIAL 3 VEZES MAIS LEVE QUE O AÇO/ FACILIDADE DE TRANSPORTE/ MONTAGEM E MANIPULAÇÃO / 3X KÖNNYEBB ANYAG AZ ACÉLNÁL/KÖNNYŰ SZERELHETŐSÉG ÉS SZÁLLÍTHATÓSÁG / MATERIAL 3 X LEICHTER ALS STAHL/ LEICHT ZU TRANSPORTIEREN/ MONTIEREN UND ZU BEARBEITEN / МАТЕРИАЛ ВЕСИТ В РТИ РАЗА МЕНЬШЕ, ЧЕМ СТАЛЬ. ЛЕГОК ДЛЯ ТРАНСПОРТИРОВКИ И МОНТАЖА. / MATERIÁL 3X LEHČÍ NEŽ OCEL, SNADNOST DOPRAVY, MONTÁŽE A MANIPULACE

HALOGEN FREE — LIBRE DE HALÓGENOS / HALOGEN FREE / SANS HALOGÈNE / SENZA ALOGENO / LIVRE DE HALOGÊNIO / HALOGÉN MENTES / HALOGEN FREI / БЕЗ ГАЛОГЕНА / BEZ HALOGENŮ

GS	ACERO GALVANIZADO SENDZIMIR / PRE GALVANISED STEEL / ACIER À GALVANISATION SENDZIMIR / AÇO COM GALVANIZAÇÃO SENDZIMIR / SZALAGHORGANYZOTT / STAHL SENDZIMIR VERZINKT / ПРЕДВАРИТЕЛЬНО ГАЛЬВАНИЗИРОВАННАЯ СТАЛЬ / SENDZIMIROVĚ ZINKOVÁNO
GC80	ACERO GALVANIZADO EN CALIENTE CON ESPESOR MÍNIMO DE 80 µm / HOT DIP GALVANISED WITH MINIMUM THICKNESS OF 80 µm / ACIER GALVANISÉ À CHAUD D'UNE ÉPAISSEUR MINIMALE DE 80 µm / AÇO COM GALVANIZAÇÃO A QUENTE APÓS MAQUINAÇÃO COM ESPESSURA MÍNIMA DE 80 µm / TÜZIHORGANYZOTT AZ MINIMÁLIS VASTAGSÁGA 80 µm / STAHL HOT DIP MIT EINER MINDESTDICKE 80 µm / ГОРЯЧАЯ ГАЛЬВАНИЗАЦИЯ ТОЛЩИНОЙ НЕ МЕНЕЕ 80 µm / ŽÁROVĚ ZINKOVÁNO O MINIMÁLNÍ TLOUŠŤCE 80 µm
GC	ACERO GALVANIZADO EN CALIENTE / HOT DIP GALVANISED / ACIER GALVANISÉ À CHAUD / AÇO COM GALVANIZAÇÃO A QUENTE APÓS MAQUINAÇÃO / TÜZIHORGANYZOTT / STAHL HOT DIP / ГОРЯЧАЯ ГАЛЬВАНИЗАЦИЯ / ŽÁROVĚ ZINKOVÁNO
EZ1000	ACERO ELECTROZINCADO CON RESISTENCIA MÍNIMA A LA CORROSIÓN DE 1000 H / ELECTROZINC COATING WITH MINIMAL RESISTANCE TO CORROSION OF 1000 H / ACIER ELECTROZINGUÉ AVEC RÉSISTANCE À LA CORROSION MINIMAL DE 1000 H / AÇO ELECTROZINCADO COM RESISTÊNCIA MÍNIMA À CORROSÃO 1000 H / ELEKTROGALVANIKUS BEVONAT MINIMÁLIS ELLENÁLLÁSSAL KORRÓZIÓ 1000 H / STAHL ELEKTROLYTISCH VERZINKT MIT MINIMALEM KORROSIONSBESTÄNDIGKEIT VON 1000 H / ОЦИНКОВОННОЕ ПОКРЫТИЕ С МИНИМАЛЬНОЙ КОРРОЗИОСТОЙКОСТИ 1000 H / GALVANICKY ZINKOVÁNO S MINIMÁLNÍ ODOLNOST PROTI KOROZI ČINÍ 1000 H
EZ	ACERO ELECTROZINCADO / ELECTROZINC COATING / ACIER ELECTROZINGUÉ / AÇO ELECTROZINCADO / ELEKTROGALVANIKUS BEVONAT / STAHL ELEKTROLYTISCH VERZINKT / ОЦИНКОВОННОЕ ПОКРЫТИЕ / GALVANICKY ZINKOVÁNO
i301	ACERO INOXIDABLE AISI 301 / STAINLESS STEEL AISI 301 / ACIER INOXIDABLE AISI 301 / AÇO INOXIDÁVEL AISI 301 / ROZSDAMENTES INOX 301 / EDELSTAHL AISI 301 / НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 301 / NEREZOVÁ OCEL AISI 301
i304	ACERO INOXIDABLE AISI 304 / STAINLESS STEEL AISI 304 / ACIER INOXIDABLE AISI 304 / AÇO INOXIDÁVEL AISI 304 / ROZSDAMENTES INOX 304 / EDELSTAHL AISI 304 / НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 304 / NEREZOVÁ OCEL AISI 304
i316	ACERO INOXIDABLE AISI 316 / STAINLESS STEEL AISI 316 / ACIER INOXIDABLE AISI 316 / AÇO INOXIDÁVEL AISI 316 / ROZSDAMENTES INOX 316 / EDELSTAHL AISI 316 / НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 316 / NEREZOVÁ OCEL AISI 316
AL	ALUMINIO SEMIDURO / SEMI-RIGID ALUMINIUM / ALUMINIUM DEMI-DUR / ALLUMINIO SEMI-RIGIDO / ALUMÍNIO SEMIDURO / FÉLKEMÉNY ALUMINIUM / HALBSTARRER ALUMIUM / ПОЛУЖЕСТКИЙ АЛЮМИНИЙ / HLINÍKOVÉ PROVEDENÍ
GSP GSE	ACERO GALVANIZADO SENDZIMIR + PINTURA EPOXI-POLYESTER / PRE-GALVANISED STEEL + EPOXI/POLYESTHER PAINTING / ACIER GALVANISÉ SENDZIMIR+ PEINTURE EPOXY-POLYESTER / ACCIAIO GALVANIZZATO SENDZIMIR + VERNICIATURA EPOXI-POLIESTERE / AÇO GALVANIZADO SENDZIMIR + PINTURA EPOXI-POLYESTER / SZALAGHORGANYZOTT ACÉL+EPOXI BEVONAT / STAHL SENDZIMIR VERZINKT + EPOXY-POLYESTER FARBE / ПРЕДВАРИТЕЛЬНО ГАЛЬВАНИЗИРОВАННАЯ СТАЛЬ + ПОКРЫТИЕ ЭПОКСИДНАЯ СМОЛА/ПОЛИЭСТР / POZINKOVANÁ OCEL + POLYESTEROVÁ BARVA
PVCM1	POLIMERO TERMOPLÁSTICO PVCM1 / THERMOPLASTIC POLYMER PVCM1 / POLYMÈRE THERMOPLASTIQUE PVCM1 / POLÍMERO TERMOPLÁSTICO PVCM1 / POLIMER PVCM1 UV / THERMOPLASTISCHES POLYMER PVCM1 / ПВХМ1 ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР / TERMOPLASTICKÝ POLYMER PVCM1
PVCM1UV	POLIMERO TERMOPLÁSTICO PVCM1 RESISTENTE RADIACIÓN UV / THERMOPLASTIC POLYMER PVCM1 UV RESISTENT RADIATION / POLYMÈRE THERMOPLASTIQUE PVCM1 UV RÉSISTANT À LA RADIATION / POLÍMERO TERMOPLÁSTICO PVCM1 RADIAZIONE RESISTENT UV / POLIMER PVCM1 UV RADIAÇÃO RESISTENTE / THERMOPLASTISCHES POLYMER / PVC STRAHLUNGSBESTÄNDIG / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР ПВХ SUGÁRZÁSNAK ELLENÁLLÓ / TERMOPLASTICKÝ POLYMER PVCM1 ZÁŘENÍ ODOLNÝ UV
PVC7035	POLIMERO TERMOPLÁSTICO PVC / THERMOPLASTIC POLYMER PVC / POLYMÈRE THERMOPLASTIQUE PVC / POLÍMERO TERMOPLÁSTICO PVC / POLIMER PVC / THERMOPLASTISCHES POLYMER PVC / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР ПВХ / TERMOPLASTICKÝ POLYMER PVC
RLH7035	POLIMERO TERMOPLÁSTICO LIBRE DE HALOGENOS RLH7035 / THERMOPLASTIC HALOGEN FREE POLYMER RLH7035 / POLYMÈRE THERMOPLASTIQUE SANS HALOGÈNE RLH7035 / POLÍMERO TERMOPLÁSTICO LIVRE DE HALOGÉNEOS RLH7035 / POLIMER HALOGÉNMENTES MŰANYAG / THERMOPLASTISCHES POLYMER HALOGENFREI RLH 7035 / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР RLH7035, НЕ СОДЕРЖАЩИЙ ГАЛОГЕН / BEZHALOGENOVÝ TERMOPLASTICKÝ POLYMER PVC
CLH7035	POLIMERO TERMOPLÁSTICO LIBRE DE HALOGENOS CURVABLE CON APLICACIÓN DE CALOR CLH7035 / THERMOPLASTIC POLYMER/ BENDABLE WITH HEAT CLH7035 / POLYMÈRE THERMOPLASTIQUE SANS HALOGÈNE DÉFORMABLE À CHAUD / POLÍMERO TERMOPLÁSTICO LIVRE DE HALOGÉNEOS CURVÁVEL COM APLICAÇÃO DE CALOR CLH7035 / HALOGÉNMENTES MELEGEN HAJLÍTHATÓ / HALOGENFREIES BIEGBARES THERMOPLASTISCHES POLYMER MIT WÄRMEBEHANDLUNG CHL7035 / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР CLH7035, СГИБАЕМЫЙ ПРИ ПОМОЩИ ТЕПЛА / BEZHALOGENOVÝ TERMOPLASTICKÝ POLYMER, TEPELNĚ OHEBNÝ CLH7035
NYLON	NYLON: NAILON / NYLON / НЕЙЛОН
PE	POLIMERO TERMOPLÁSTICO PE / THERMOPLASTIC POLYMER PE / POLYMÈRE THERMOPLASTIQUE PE / POLÍMERO TERMOPLÁSTICO PE / POLIMER PE / THERMOPLASTISCHES POLYMER PE / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР PE / TERMOPLASTICKÝ POLYMER PE
PA6	POLIAMIDA PA6 / POLYAMIDE PA6 / POLYAMIDE PA6 / POLIAMMIDE PA6 / POLIAMIDA PA6 / POLIAMID PA6 / POLYAMID PA6 / ПОЛИАМИД PA6 / POLYAMID PA6
PRFV	POLIESTER REFORZADO CON FIBRA DE VIDRIO / POLYESTER REINFORCED WITH FIBERGLASS / POLYESTHER AVEC FIBRE DE VERRE RENFORCÉE / POLIESTERE CON VETRORESINA RINFORZATA / POLYESTER COM FIBRA DE VIDRO REFORÇADA / POLYESTER AZ ÜVEGSZÁL ERŐSÍTÉSŰ / POLYESTER MIT VERSTÄRKTEM FIBERGLAS / ПОКРЫТИЕ С АРМИРОВАННОГО СТЕКЛОПЛАСТИКА / POLYESTEROVÁ MÁ VYZTUŽENÉ SKELNÝMI VLÁKNY
LTN	LATÓN / BRASS / BRASS / OTTONE / BRONZE / BRASS / BRASS / ЛАТУНЬ / MOSAZ

NOTA: LOS ICONOS QUE SIENDO IGUALES CAMBIAN DE COLOR SIMPLEMENTE ES POR AJUSTARSE ESTÉTICAMENTE AL COLOR DE SU FAMILIA
NOTE: ICONS CHANGE COLOR TO ADAPT TO THE PRODUCT FAMILIE'S COLOR CODE THEY REFER TO
REMARQUE: LES SYMBOLES PEUVENT CHANGER DE COULEUR SELON LEUR FAMILLE DE PRODUIT MAIS LEUR SIGNIFICATION EST LA MÊME
NOTA:LE ICONE POTREBBERO CAMBIARE IL LORO COLORE PER ADATTARSI ESTETICAMENTE AL COLORE DELLA LORO FAMIGLIA
NOTA: OS ICONES MUDAM DE CÔR/ APENAS PARA SE AJUSTAREM Á CÔR DA FAMILIA CORRESPONDENTE
MEGJEGYZÉS:A KÜLÖNBÖZŐ SZÍNŰ ÁBRÁK CSAK AZ ESZTÉTIKUS MEGJELENÉST ERDMÉNYEZIK
ANMERKUNG: DIE IKONE WECHSELN DIE FARBE UM SICH DER FAMILIENGRUPPE ANZUPASSEN
ВНИМАНИЕ: ЦВЕТ ИКОНОК МЕНЯЕТСЯ В СООТВЕТСТВИИ С ЦВЕТОВЫМ КОДОМ СЕРИИ, К КОТОРОЙ ОТНОСИТСЯ ТОВАР
POZNÁMKA: IKONY SE MOHOU LIŠIT BARVOU MEZI KAPITOLAMI, ALE JEJICH VÝZNAM JE STÁLE STEJNÝ.





basortray

ERE50 ..... P. 04
ER2E ..... P. 08
ERE ..... P. 10
MRE ..... P. 14

FRE ..... P. 16
BS ..... P. 32
U ..... P. 42
OME ..... P. 46
U AL ..... P. 54

EB ..... P. 62



CERTIFIED
SAFETY US·CA
E358301

IEC

L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

150°C
-50°C
UNE-EN 61537

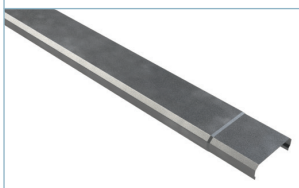
120°C
-25°C
UNE-EN 50085

3 5
UNE-EN 61537

20J
UNE-EN 61537
UNE-EN 50085

IP3X IP2X
IEC 60529

IK10 IK07
IEC 50102

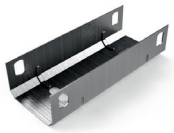

TERE 50


PTER 50X50


CPER 50X50


CCER 50X50


CXER 50X50


JUER 50X50

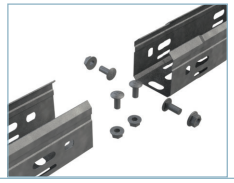

B1

		Filling Area	
B		H50 (2")	
mm	inch	cm²	in²
50	2	**24**	3,7

ERE 50X50

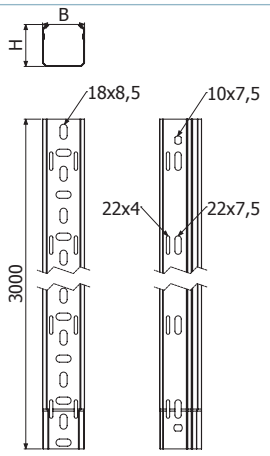


L = 3 m (10 ft)

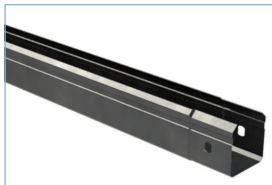


	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
ERE 50X50	50	2"	50	2"	2/10181	0,65	2/10182	0,77

4/100 x B1 (2/4356 - GS // 2/6826 - GC).



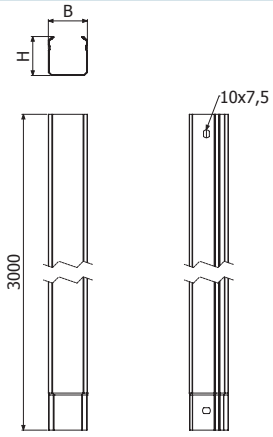
ERE-C 50X50



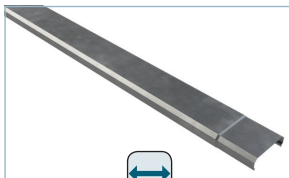
L = 3 m (10 ft)

	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
ERE-C 50X50	50	2"	50	2"	2/10183	0,69	2/10184	0,82

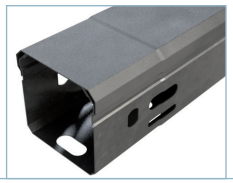
2/100 x B1 (2/4356 - GS // 2/6826 - GC).



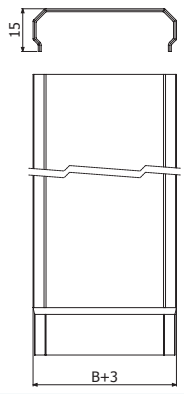
TERE 50



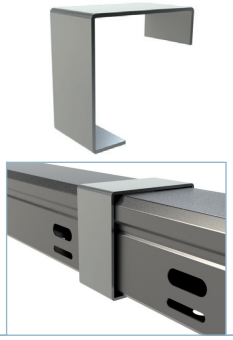
L = 3 m (10 ft)



	B		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
TERE 50	50	2"	2/10282	0,33	2/10283	0,43



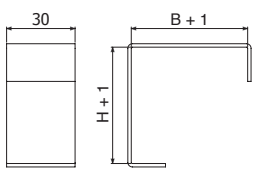
PTER 50X50



	B		H		i304	
	mm	inch	mm	inch	REF.	kg/ud
PTER 50X50	50	2"	50	2"	2/8234	0,05

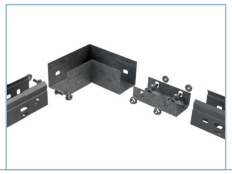
IK10

2 x PTER 50X50 => 1 x TERE 50



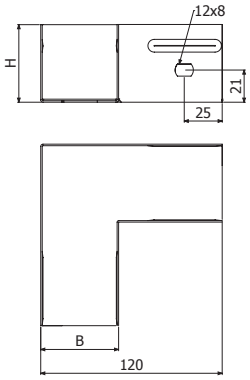
CPER 50X50



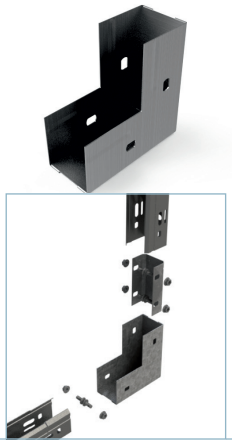


	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/m
CPER 50x50	50	2"	50	2"	2/3235	0,26	2/6950	0,29

1 x JUER 50X50 (2/2051 - GS // 2/2056 - GC)

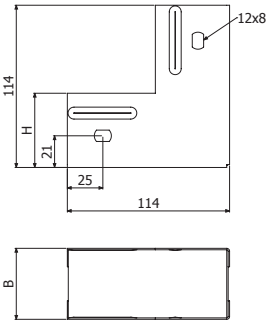


CCER 50X50

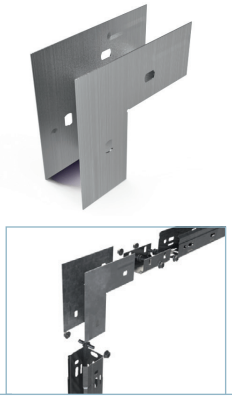


	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/m
CCER 50x50	50	2"	50	2"	2/3236	0,27	2/6952	0,31

1 x JUER 50X50 (2/2051 - GS // 2/2056 - GC)

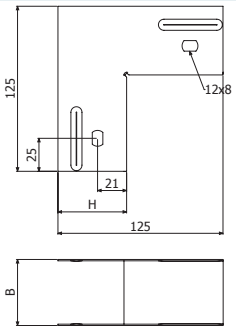


CXER 50X50

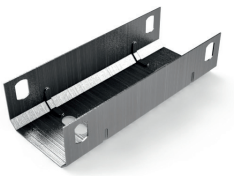


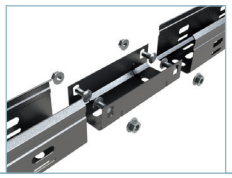
	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/m
CXER 50x50	50	2"	50	2"	2/3238	0,24	2/6951	0,30

1 x JUER 50X50 (2/2051 - GS // 2/2056 - GC)



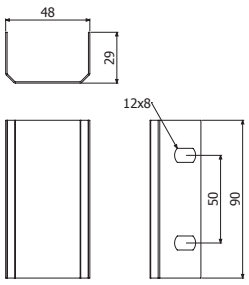
JUER 50X50





	B		GS		GC	
	mm	inch	REF.	kg/ud	REF.	kg/ud
JUER 50X50	50	2"	2/2051	0,09	2/2056	0,10

4/100 x B1 (2/4356 - EZ // 2/6826 - GC)

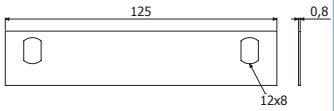


JUERP 50

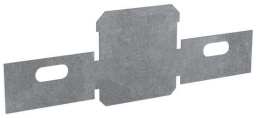


	GS		GC	
	REF.	kg/ud	REF.	kg/ud
JUERP 50	2/8825	0,03	2/8826	0,03

2/100 x B1 (2/4356 GS // 2/6826 GC)



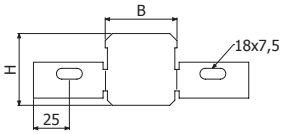
TFERE 50





	B		B		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud
TFERE 50X50	50	2"	50	2"	2/17267	0,06	2/17268	0,06

2/100 x B1 (2/4356 - GS // 2/6826 - GC)

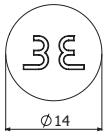


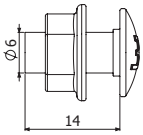
B1

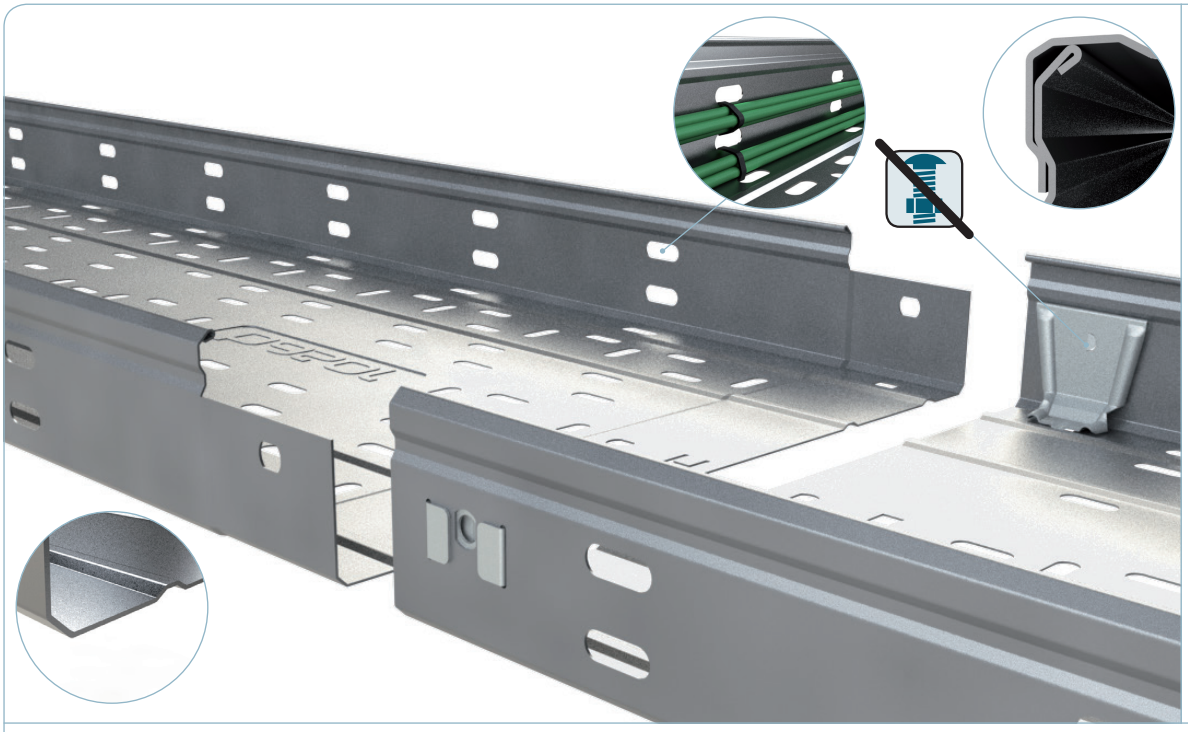


	Pap	EZ		GC	
	Nm	REF.	kg/ud	REF.	kg/ud
B1-100	6	2/4356	0,77	2/6826	0,80

10







L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

150°C
-50°C
UNE-EN 61537

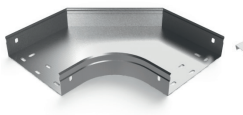
120°C
-25°C
UNE-EN 50085

3
UNE-EN 61537

20J
UNE-EN 61537
UNE-EN 50085

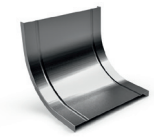
IP23
IEC 60529

IK10
IK07
IEC 50102

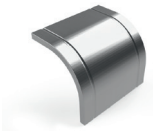

CPERC

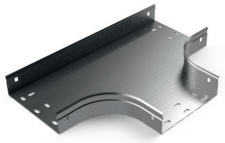

TCPERC

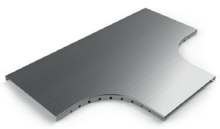

CCERC

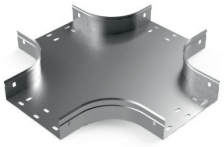

TCCERC

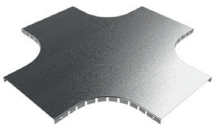

CXERC

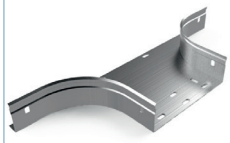

TCXERC


TERC

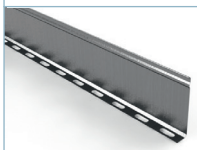

TTERC


CRERC


TCRERC


AS


TAS

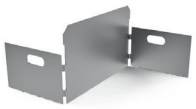

PS


JUER-A


JUER-B

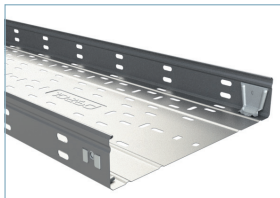

JUER-U


PTERE


REER

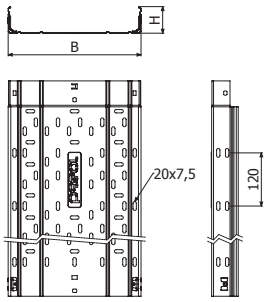
		Filling Area	
B		H60 (2 3/8")	
mm	inch	cm²	in²
100	4"	59	9,1
150	6"	89	13,7
200	8"	119	18,4
300	12"	178	27,5
400	16"	238	36,8
500	20"	298	46,1
600	24"	358	55,4

ER2E H60

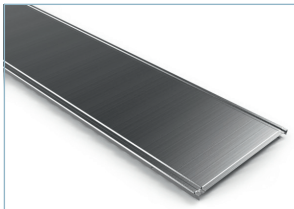


L = 3 m (10 ft)

	B		H		GS	
	mm	inch	mm	inch	REF.	kg/m
ER2E 100X60	100	4"	60	2 3/8"	2/10233	0,95
ER2E 150X60	150	6"	60	2 3/8"	2/10234	1,17
ER2E 200X60	200	8"	60	2 3/8"	2/10235	1,46
ER2E 300X60	300	12"	60	2 3/8"	2/10236	2,03
ER2E 400X60	400	16"	60	2 3/8"	2/10237	2,86
ER2E 500X60	500	20"	60	2 3/8"	2/10238	3,38
ER2E 600X60	600	24"	60	2 3/8"	2/10239	3,91

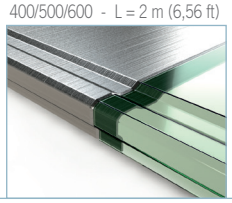


TERE

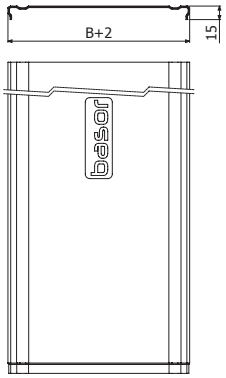


L = 3 m (10 ft)

400/500/600 - L = 2 m (6,56 ft)



	B		GS	
	mm	inch	REF.	kg/m
TERE 100	100	4"	2/1312	0,55
TERE 150	150	6"	2/1313	0,76
TERE 200	200	8"	2/1314	0,98
TERE 300	300	12"	2/1316	1,55
TERE 400 2M	400	16"	2/1317	2,19
TERE 500 2M	500	20"	2/1318	3,11
TERE 600 2M	600	24"	2/1319	3,95



PTERE

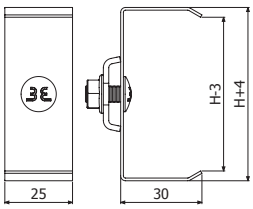


	H		i304	
	mm	inch	REF.	kg/ud
PTERE 35	35	1 3/8"	2/7059	0,05
PTERE 60	60	2 3/8"	2/7060	0,05
PTERE 80	80	3 1/7"	2/7061	0,06
PTERE 100	100	4"	2/7062	0,06

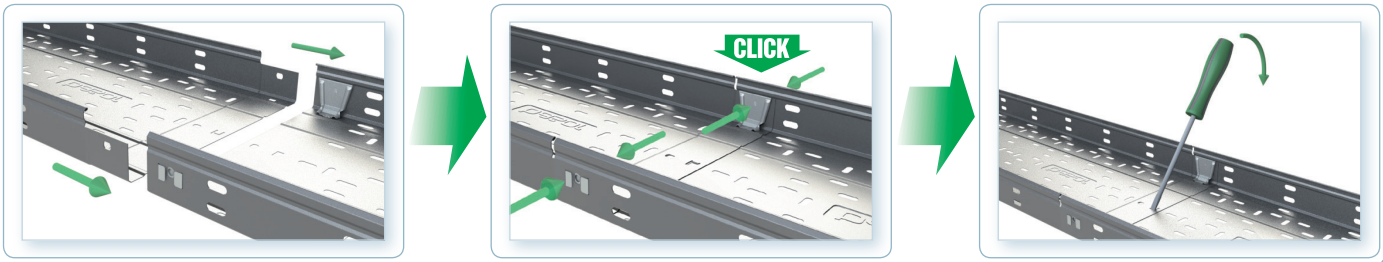
IK10

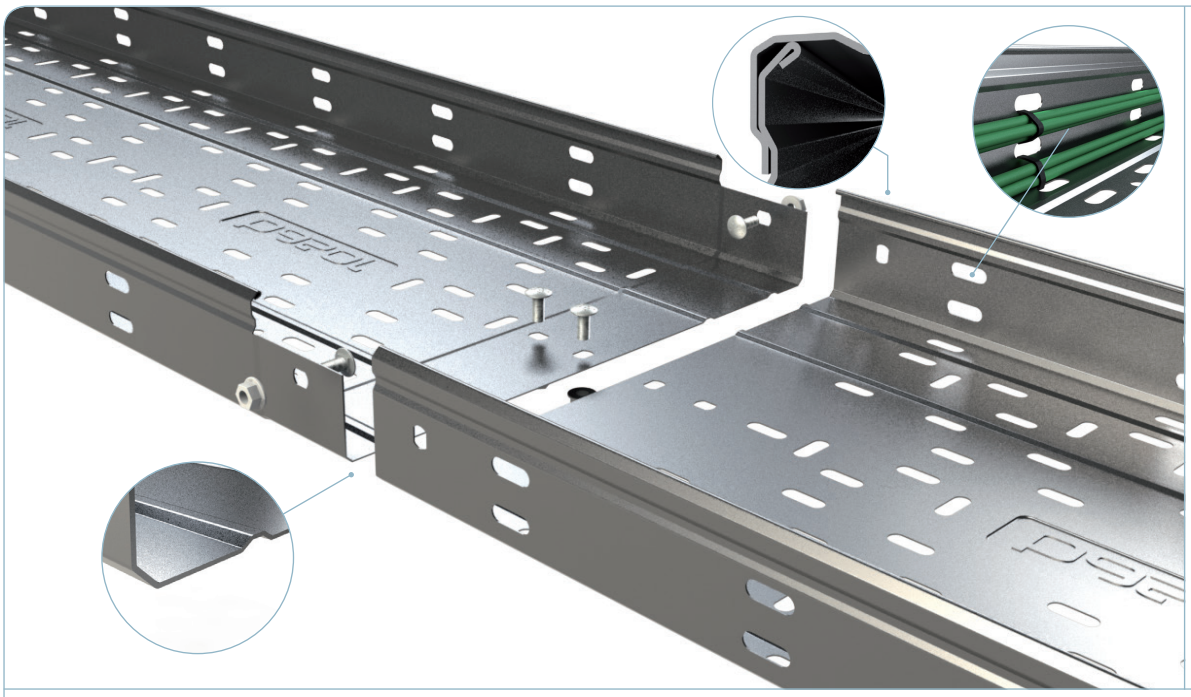
10

4 x PTERE => 1 x TERE



6 s!





L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

150°C
-50°C
UNE-EN 61537

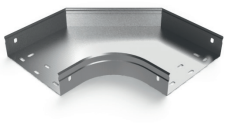
120°C
-25°C
UNE-EN 50085

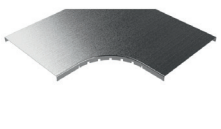
3 5
9A
UNE-EN 61537

20J
UNE-EN 61537
UNE-EN 50085

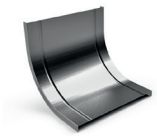
IP44 IP23
IEC 60529

IK10 IK07
IEC 50102

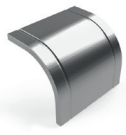

CPERC

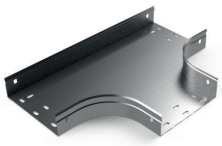

TCPERC

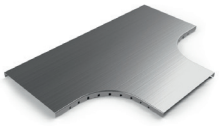

CCERC

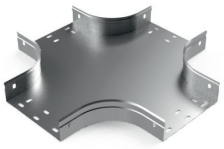

TCCERC

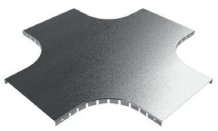

CXERC

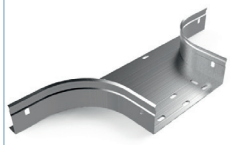

TCXERC


TERC

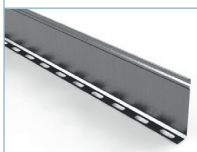

TTERC


CRERC


TCRERC


AS


TAS

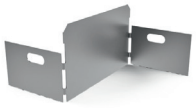

PS


JUER-A


JUER-B


JUER-U


PTERE


REER

B		Filling Area							
		H35 (1 3/8")		H60 (2 3/8")		H80 (3 1/7")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
100	4"	34	5,2	59	9,1	78	12,0	98	15,1
150	6"	51	7,9	89	13,7	118	18,2	148	22,9
200	8"	69	10,6	119	18,4	158	24,4	198	30,6
300	12"	103	15,9	178	27,5	238	36,8	298	46,1
400	16"	-	-	238	36,8	317	49,1	397	61,5
500	20"	-	-	298	46,1	397	61,5	497	77,0
600	24"	-	-	358	55,4	477	73,9	597	92,5

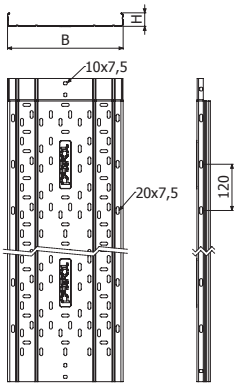
ERE H35



L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE 100X35	100	4”	35	1 3/8”	2/1192	0,74	2/1222	1,10		
ERE 150X35	150	6”	35	1 3/8”	2/1193	0,95	2/1223	1,42		
ERE 200X35	200	8”	35	1 3/8”	2/1194	1,12	2/1224	1,67		
ERE 300X35	300	12”	35	1 3/8”	2/1195	1,64	2/1225	2,24		

4/100 x B1 - (2/4356-EZ // 2/6826-GC // 2/4925-i304)



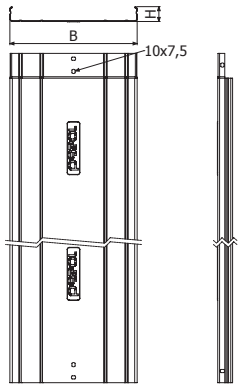
ERE-C H35



L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE-C 100X35	100	4”	35	1 3/8”	2/1252	0,76	2/1282	1,14		
ERE-C 150X35	150	6”	35	1 3/8”	2/1253	0,98	2/1283	1,46		
ERE-C 200X35	200	8”	35	1 3/8”	2/1254	1,20	2/1284	1,78		
ERE-C 300X35	300	12”	35	1 3/8”	2/1255	1,77	2/1285	2,42		

4/100 x B1 - (2/4356-EZ // 2/6826-GC // 2/4925-i304)



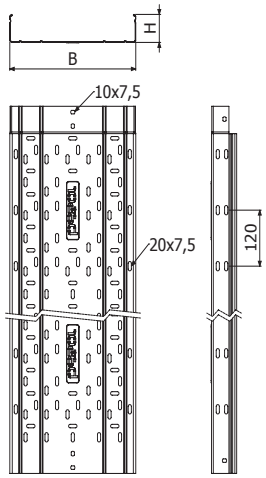
ERE H60



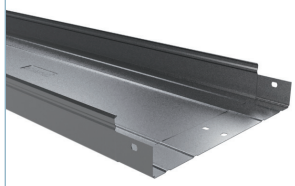
L = 3 m (10 ft)

	B		H		GS		GC		i304		i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	
ERE 100X60	100	4”	60	2 3/8”	2/1197	0,95	2/1227	1,42	2/4795	1,25	
ERE 150X60	150	6”	60	2 3/8”	2/1198	1,17	2/1228	1,35	2/4319	1,53	
ERE 200X60	200	8”	60	2 3/8”	2/1199	1,46	2/1229	1,99	2/4688	1,80	
ERE 300X60	300	12”	60	2 3/8”	2/1201	2,03	2/1231	2,56	2/4317	2,69	
ERE 400X60	400	16”	60	2 3/8”	2/1202	2,86	2/1232	3,54	2/4933	3,37	
ERE 500X60	500	20”	60	2 3/8”	2/1203	3,38	2/1233	4,19	2/5030	4,05	
ERE 600X60	600	24”	60	2 3/8”	2/1204	3,91	2/1234	4,83	2/4373	4,65	

4/100 x B1 - (2/4356-EZ // 2/6826-GC // 2/4925 - i304)



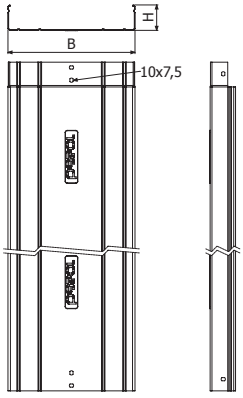
ERE-C H60



L = 3 m (10 ft)

	B		H		GS		GC		i304		i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	
ERE-C 100X60	100	4”	60	2 3/8”	2/1257	0,98	2/1287	1,46	2/4907	0,92	
ERE-C 150X60	150	6”	60	2 3/8”	2/1258	1,20	2/1288	1,78	2/5028	1,13	
ERE-C 200X60	200	8”	60	2 3/8”	2/1259	1,54	2/1289	2,10	2/5029	2,11	
ERE-C 300X60	300	12”	60	2 3/8”	2/1261	2,18	2/1291	2,75	2/4306	3,37	
ERE-C 400X60	400	16”	60	2 3/8”	2/1262	3,10	2/1292	3,84	2/5196	3,65	
ERE-C 500X60	500	20”	60	2 3/8”	2/1263	3,69	2/1293	4,57	2/18555	4,05	
ERE-C 600X60	600	24”	60	2 3/8”	2/1264	4,28	2/1294	5,30	2/5197	4,65	

4/100 x B1 - (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)



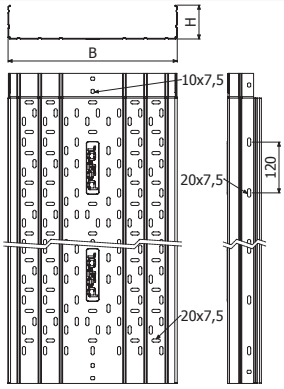
ERE H80



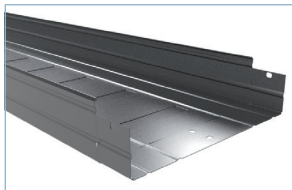
L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE 100X80	100	4”	80	3 1/7”	2/1205	1,12	2/1235	1,68		
ERE 150X80	150	6”	80	3 1/7”	2/1206	1,34	2/1236	2,00		
ERE 200X80	200	8”	80	3 1/7”	2/1207	1,64	2/1237	2,24		
ERE 300X80	300	12”	80	3 1/7”	2/1209	2,23	2/1239	3,19		
ERE 400X80	400	16”	80	3 1/7”	2/1210	3,10	2/1240	3,83		
ERE 500X80	500	20”	80	3 1/7”	2/1211	3,86	2/1241	5,50		
ERE 600X80	600	24”	80	3 1/7”	2/1212	5,52	2/1242	6,29		

4/100 x B1 - (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)



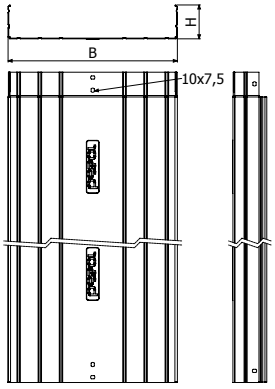
ERE-C H80



L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE-C 100X80	100	4”	80	3 1/7”	2/1265	1,15	2/1295	1,72		
ERE-C 150X80	150	6”	80	3 1/7”	2/1266	1,37	2/1296	2,03		
ERE-C 200X80	200	8”	80	3 1/7”	2/1267	1,73	2/1297	2,36		
ERE-C 300X80	300	12”	80	3 1/7”	2/1269	2,38	2/1299	3,40		
ERE-C 400X80	400	16”	80	3 1/7”	2/1270	3,34	2/1300	4,13		
ERE-C 500X80	500	20”	80	3 1/7”	2/1271	4,19	2/1301	5,97		
ERE-C 600X80	600	24”	80	3 1/7”	2/1272	6,02	2/1302	6,86		

4/100 x B1 - (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)



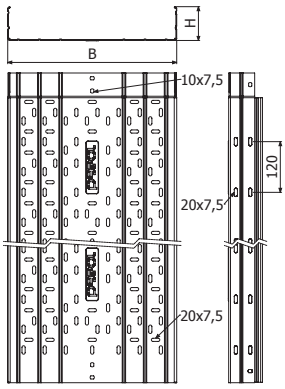
ERE H100



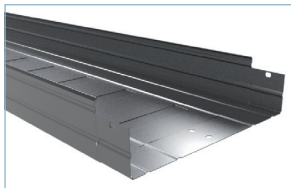
L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE 100X100	100	4”	100	4”	2/1213	1,30	2/1243	1,93		
ERE 150X100	150	6”	100	4”	2/1214	1,51	2/1244	2,25		
ERE 200X100	200	8”	100	4”	2/1215	1,83	2/1245	2,50		
ERE 300X100	300	12”	100	4”	2/1217	2,44	2/1247	3,48		
ERE 400X100	400	16”	100	4”	2/1218	3,33	2/1248	4,13		
ERE 500X100	500	20”	100	4”	2/1219	4,11	2/1249	5,86		
ERE 600X100	600	24”	100	4”	2/1220	5,84	2/1250	6,65		

4/100 x B1 - (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)



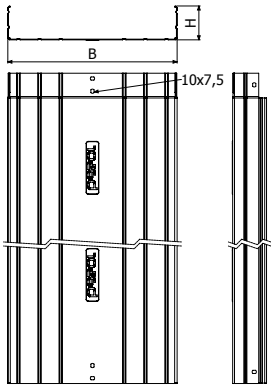
ERE-C H100



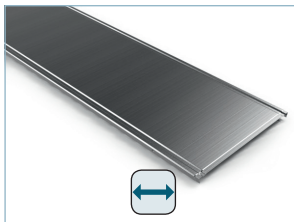
L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE-C 100X100	100	4"	100	4"	2/1273	1,33	2/1303	1,97		
ERE-C 150X100	150	6"	100	4"	2/1274	1,54	2/1304	2,30		
ERE-C 200X100	200	8"	100	4"	2/1275	1,92	2/1305	2,62		
ERE-C 300X100	300	12"	100	4"	2/1277	2,59	2/1307	3,69		
ERE-C 400X100	400	16"	100	4"	2/1278	3,57	2/1308	4,42		
ERE-C 500X100	500	20"	100	4"	2/1279	4,44	2/1309	6,33		
ERE-C 600X100	600	24"	100	4"	2/1280	6,33	2/1310	7,22		

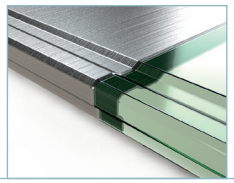
4/100 x B1 - (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)



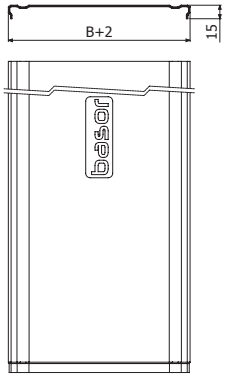
TERE



L = 3 m (10 ft)
100/150/200/300

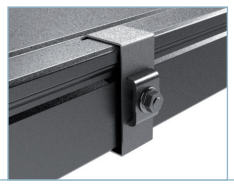


	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
TERE 100	100	4"	2/1312	0,55	2/1321	0,82	2/4560	0,71	2/18154	0,81
TERE 150	150	6"	2/1313	0,76	2/1322	1,05	2/5123	0,99	2/18155	1,13
TERE 200	200	8"	2/1314	0,98	2/1323	1,25	2/4561	1,27	2/18156	1,45
TERE 300	300	12"	2/1316	1,55	2/1325	1,83	2/4716	1,83	2/18157	2,09
TERE 400 2M	400	16"	2/1317	2,19	2/1326	2,75	-	-	-	-
TERE 500 2M	500	20"	2/1318	3,11	2/1327	3,85	-	-	-	-
TERE 600 2M	600	24"	2/1319	3,95	2/1328	4,58	-	-	-	-
TERE 400 3M	400	16"	-	-	-	-	2/4931	2,73	2/18158	2,73
TERE 500 3M	500	20"	-	-	-	-	2/4562	3,37	2/18159	3,37
TERE 600 3M	600	24"	-	-	-	-	2/5357	4,01	2/18160	4,01



PTERE

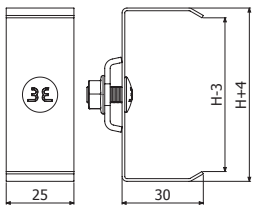


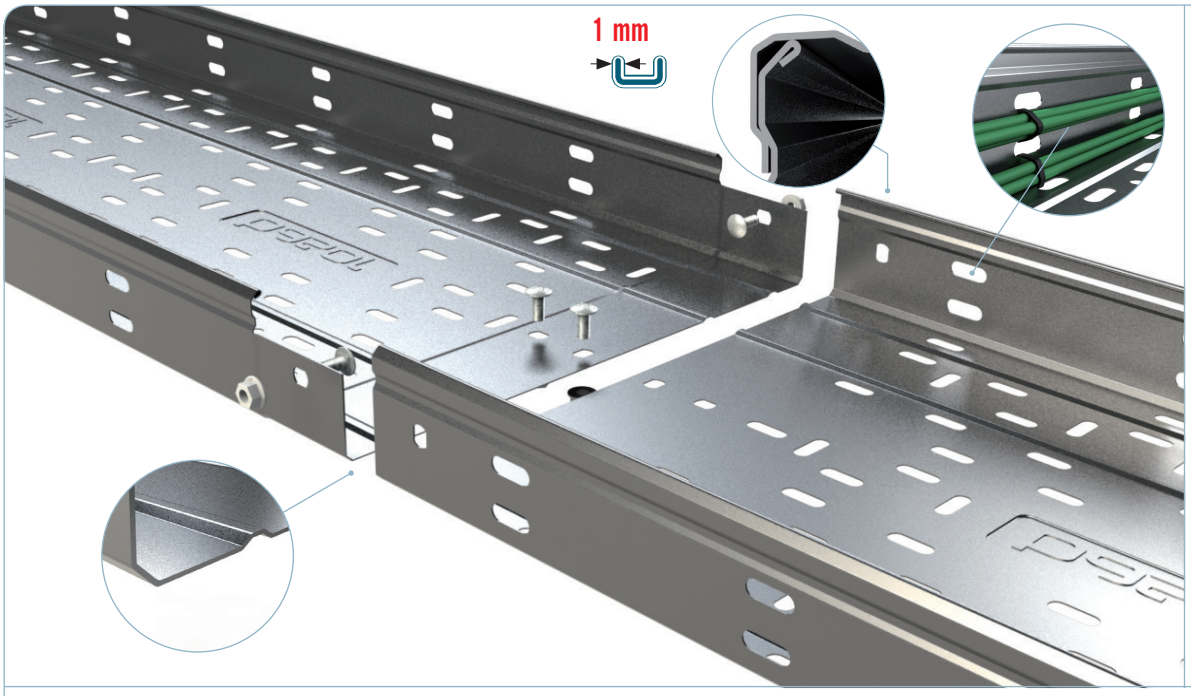


	H		i304		i316
	mm	inch	REF.	kg/ud	
PTERE 35	35	1 3/8"	2/7059	0,05	
PTERE 60	60	2 3/8"	2/7060	0,05	
PTERE 80	80	3 1/7"	2/7061	0,06	
PTERE 100	100	4"	2/7062	0,06	

IK10

4 x PTERE => 1 x TERE





L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

150°C
-50°C
UNE-EN 61537

120°C
-25°C
UNE-EN 50085

3 5
9A
UNE-EN 61537

20J
UNE-EN 61537
UNE-EN 50085

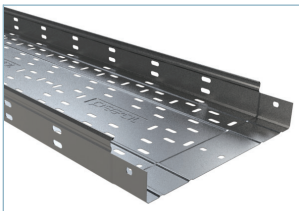
IP44
IP23
IEC 60529

IK10
IK07
IEC 50102

CPERC
TCPERC
CCERC
TCCERC
CXERC
TCXERC
TERC
TTERC
CRERC
TCRERC
AS
TAS
PS
JUER-A
JUER-B
JUER-U
PTERE
REER

		Filling Area					
B		H60 (2 3/8")		H60 (3 1/7")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
100	4"	59	9,1	78	12,0	98	15,1
150	6"	89	13,7	118	18,2	148	22,9
200	8"	119	18,4	158	24,4	198	30,6
300	12"	178	27,5	238	36,8	298	46,1
400	16"	238	36,8	317	49,1	397	61,5
500	20"	298	46,1	397	61,5	497	77,0
600	24"	358	55,4	477	73,9	597	92,5

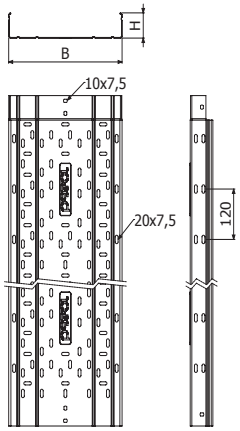
MRE H60



L = 3 m (10 ft)

	B		H		e	GS		GC		i304	i316
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m		
MRE 100X60	100	4"	60	2 3/8"	1	2/7273	1,79	2/7517	1,82		
MRE 150X60	150	6"	60	2 3/8"	1	2/7274	2,18	2/7518	2,22		
MRE 200X60	200	8"	60	2 3/8"	1	2/7275	2,57	2/7519	2,62		
MRE 300X60	300	12"	60	2 3/8"	1	2/7276	3,35	2/7520	3,42		
MRE 400X60	400	16"	60	2 3/8"	1	2/7277	4,14	2/7521	4,22		
MRE 500X60	500	20"	60	2 3/8"	1	2/7278	4,93	2/7522	5,02		
MRE 600X60	600	24"	60	2 3/8"	1	2/7279	5,70	2/7523	5,82		

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).



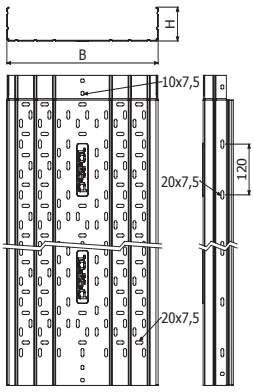
MRE H80



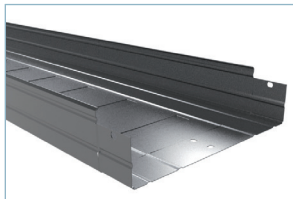
L = 3 m (10 ft)

	B		H		e	GS		GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
MRE 100X80X0,7	100	4"	80	3 1/7"	0,7	2/17809	1,48	2/18594	1,74	2/17830	1,48	2/18140	1,48
MRE 100X80	100	4"	80	3 1/7"	1	2/8760	2,14	2/18595	2,04	2/18600	1,78	2/18601	1,78
MRE 150X80X0,7	150	6"	80	3 1/7"	0,7	2/17810	1,71	2/18596	2,01	2/17831	1,71	2/18141	1,71
MRE 150X80	150	6"	80	3 1/7"	1	2/8761	2,54	2/18597	2,48	2/17596	2,17	2/18602	2,17
MRE 200X80X0,8	200	8"	80	3 1/7"	0,8	2/17811	2,27	2/18598	2,64	2/17832	2,27	2/18142	2,27
MRE 200X80	200	8"	80	3 1/7"	1	2/8762	2,94	2/18599	2,93	2/17597	2,57	2/18603	2,57
MRE 300X80	300	12"	80	3 1/7"	1	2/8763	3,74	2/10033	4,11	2/17833	3,51	2/18143	3,51
MRE 400X80	400	16"	80	3 1/7"	1	2/8764	4,54	2/10034	4,99	2/17834	4,32	2/18144	4,32
MRE 500X80	500	20"	80	3 1/7"	1	2/8765	5,34	2/10035	5,87	2/17835	5,04	2/18145	5,04
MRE 600X80	600	24"	80	3 1/7"	1	2/8766	6,14	2/10036	6,85	2/17836	5,75	2/18146	5,75

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304 // 2/18388-i316)



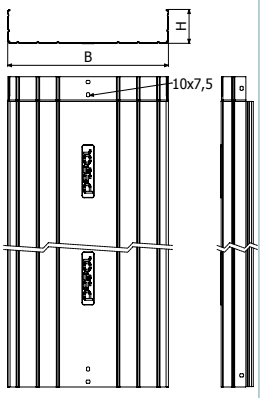
MRE-C H80



L = 3 m (10 ft)

	B		H		e	GS		GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
MRE-C 100X80X0,7	100	4"	80	3 1/7"	0,7	2/17812	1,51	2/18605	1,77	2/17837	1,51	2/18147	1,51
MRE-C 100X80	100	4"	80	3 1/7"	1	2/8770	1,78	2/18606	2,09	2/18611	1,78	2/18614	1,78
MRE-C 150X80X0,7	150	6"	80	3 1/7"	0,7	2/17813	2,27	2/18607	2,64	2/17838	2,36	2/18148	2,36
MRE-C 150X80	150	6"	80	3 1/7"	1	2/8771	1,78	2/18608	2,03	2/18612	1,78	2/18615	1,78
MRE-C 200X80X0,8	200	8"	80	3 1/7"	0,8	2/17814	2,17	2/18609	2,48	2/17839	2,17	2/18149	2,17
MRE-C 200X80	200	8"	80	3 1/7"	1	2/8772	2,57	2/18610	2,98	2/18613	2,57	2/18616	2,57
MRE-C 300X80	300	12"	80	3 1/7"	1	2/8773	3,79	2/10037	4,33	2/17840	3,79	2/18150	3,79
MRE-C 400X80	400	16"	80	3 1/7"	1	2/8774	4,61	2/10038	5,25	2/17841	4,61	2/18151	4,61
MRE-C 500X80	500	20"	80	3 1/7"	1	2/8775	5,41	2/10039	6,16	2/17842	5,41	2/18152	5,41
MRE-C 600X80	600	24"	80	3 1/7"	1	2/8776	6,19	2/10040	7,06	2/17843	6,19	2/18153	6,19

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304 // 2/18388-i316)



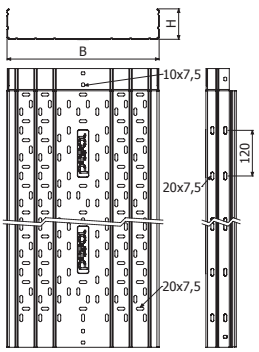
MRE H100

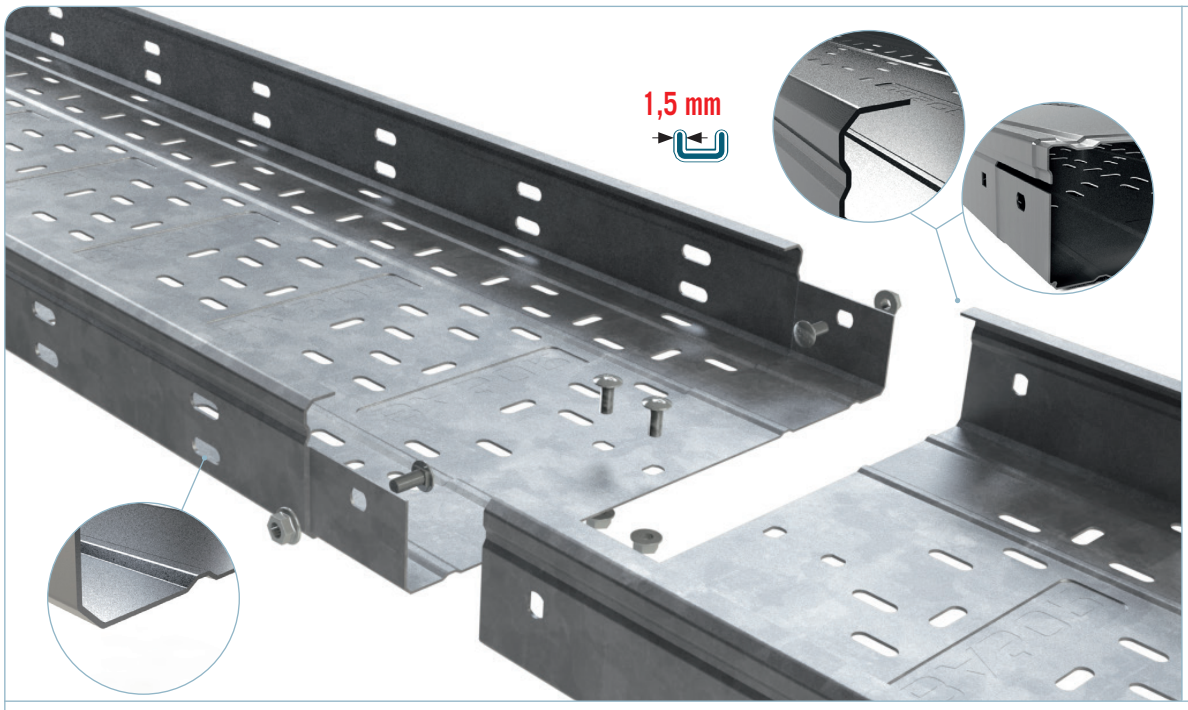


L = 3 m (10 ft)

	B		H		e	GS		GC		i304	i316
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m		
MRE 100X100	100	4"	100	4"	1	2/7408	2,37	2/18604	8,85		
MRE 150X100	150	6"	100	4"	1	2/7409	2,80	2/7524	2,86		
MRE 200X100	200	8"	100	4"	1	2/7410	3,20	2/7525	3,26		
MRE 300X100	300	12"	100	4"	1	2/7411	3,98	2/7526	4,06		
MRE 400X100	400	16"	100	4"	1	2/7412	4,77	2/7527	4,86		
MRE 500X100	500	20"	100	4"	1	2/7413	5,55	2/7528	5,66		
MRE 600X100	600	24"	100	4"	1	2/7414	6,34	2/7529	6,46		

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).





L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

150°C
-50°C
UNE-EN 61537

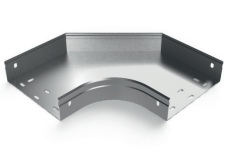
120°C
-25°C
UNE-EN 50085

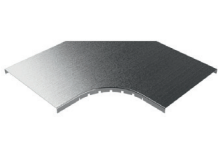
3 5
UNE-EN 61537

20J
UNE-EN 61537
UNE-EN 50085

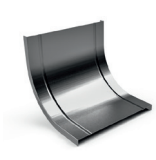
IP44 IP23
IEC 60529

IK10 IK07
IEC 50102

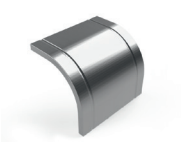

CPERC

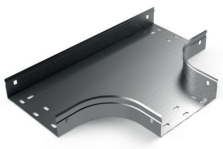

TCPERC

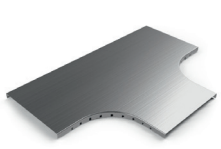

CCERC

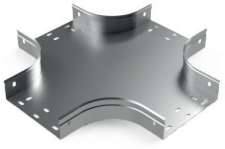

TCCERC

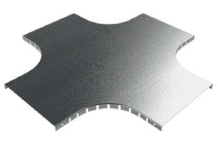

CXERC


TCXERC

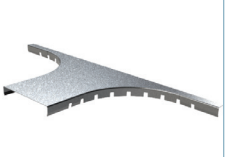

TERC

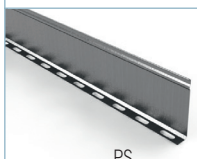

TTERC


CRERC

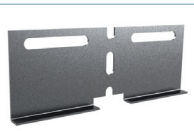

TCRERC

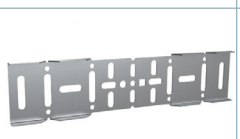

AS


TAS

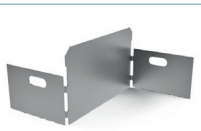

PS


JUER-A


JUER-B


JUER-U


PTERE


REER

		Filling Area							
B		H35 (1 3/8")		H60 (2 3/8")		H80 (3 1/7")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
100	4"	34	5,2	59	9,1	78	12,0	98	15,1
150	6"	51	7,9	89	13,7	118	18,2	148	22,9
200	8"	69	10,6	119	18,4	158	24,4	198	30,6
300	12"	103	15,9	178	27,5	238	36,8	298	46,1
400	16"	-	-	238	36,8	317	49,1	397	61,5
500	20"	-	-	298	46,1	397	61,5	497	77,0
600	24"	-	-	358	55,4	477	73,9	597	92,5

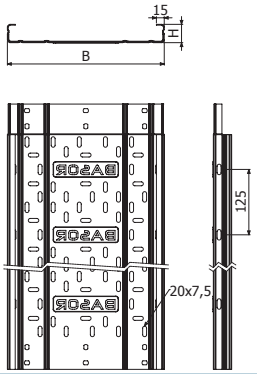
FRE H35



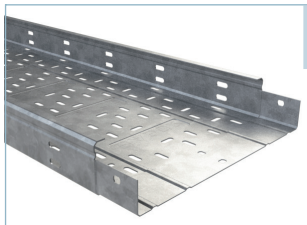
L = 3 m (10 ft)

	B		H		e	GS		GC	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m
FRE 100X35	100	4”	35	1 3/8”	1,5	2/0001	1,68	2/0051	1,88
FRE 150X35	150	6”	35	1 3/8”	1,5	2/0002	2,15	2/0052	2,41
FRE 200X35	200	8”	35	1 3/8”	1,5	2/0003	2,51	2/0053	2,81
FRE 300X35	300	12”	35	1 3/8”	1,5	2/0004	3,35	2/0054	3,75

4/100 x B1 (6/100xB1 →300x35) (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).



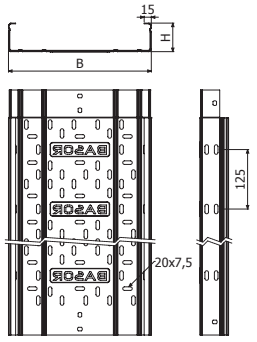
FRE H60



L = 3 m (10 ft)

	B		H		e	GS		GC	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m
FRE 100X60	100	4”	60	2 3/8”	1,5	2/0006	2,15	2/0056	2,41
FRE 150X60	150	6”	60	2 3/8”	1,5	2/0007	2,62	2/0057	2,94
FRE 200X60	200	8”	60	2 3/8”	1,5	2/0008	2,99	2/0058	3,34
FRE 300X60	300	12”	60	2 3/8”	1,5	2/0009	3,82	2/0059	4,28
FRE 400X60	400	16”	60	2 3/8”	1,5	2/0010	4,66	2/0060	5,22
FRE 500X60	500	20”	60	2 3/8”	1,5	2/0011	5,49	2/0061	6,15
FRE 600X60	600	24”	60	2 3/8”	1,5	2/0012	6,33	2/0062	7,09

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).



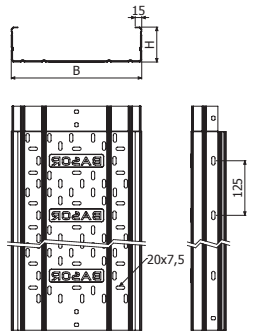
FRE H80



L = 3 m (10 ft)

	B		H		e	GS		GC	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m
FRE 100X80	100	4”	80	3 1/7”	1,5	2/0013	2,53	2/0063	2,83
FRE 150X80	150	6”	80	3 1/7”	1,5	2/0014	3,00	2/0064	3,36
FRE 200X80	200	8”	80	3 1/7”	1,5	2/0015	3,36	2/0065	3,77
FRE 300X80	300	12”	80	3 1/7”	1,5	2/0016	4,20	2/0066	4,70
FRE 400X80	400	16”	80	3 1/7”	1,5	2/0017	5,04	2/0067	5,64
FRE 500X80	500	20”	80	3 1/7”	1,5	2/0018	5,87	2/0068	6,58
FRE 600X80	600	24”	80	3 1/7”	1,5	2/0019	6,71	2/0069	7,51

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).



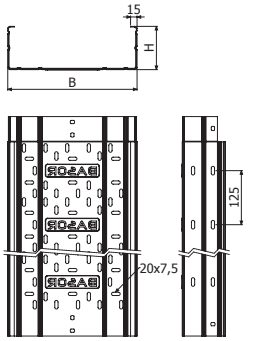
FRE H100



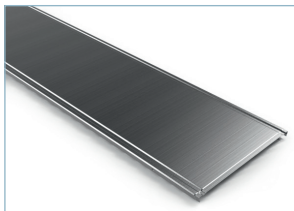
L = 3 m (10 ft)

	B		H		e	GS		GC	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m
FRE 100X100	100	4”	100	4”	1,5	☎	☎	2/4556	3,39
FRE 150X100	150	6”	100	4”	1,5	2/0020	3,38	2/0070	3,78
FRE 200X100	200	8”	100	4”	1,5	2/0021	3,74	2/0071	4,19
FRE 300X100	300	12”	100	4”	1,5	2/0022	4,58	2/0072	5,13
FRE 400X100	400	16”	100	4”	1,5	2/0023	5,41	2/0073	6,06
FRE 500X100	500	20”	100	4”	1,5	2/0024	6,25	2/0074	7,00
FRE 600X100	600	24”	100	4”	1,5	2/0025	7,09	2/0075	7,94

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).

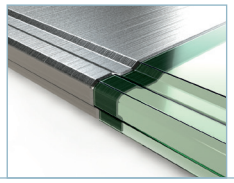


TERE

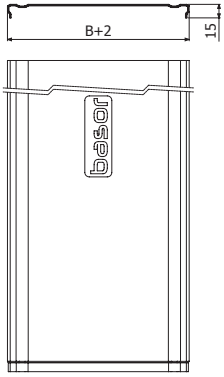


L = 3 m (10 ft)

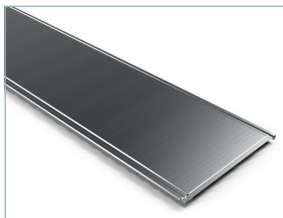
400/500/600 - L = 2 m (6,56 ft)



	B		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
TERE 100	100	4”	2/1312	0,55	2/1321	0,82
TERE 150	150	6”	2/1313	0,76	2/1322	1,05
TERE 200	200	8”	2/1314	0,98	2/1323	1,25
TERE 300	300	12”	2/1316	1,55	2/1325	1,83
TERE 400 2M	400	16”	2/1317	2,19	2/1326	2,75
TERE 500 2M	500	20”	2/1318	3,11	2/1327	3,85
TERE 600 2M	600	24”	2/1319	3,95	2/1328	4,58



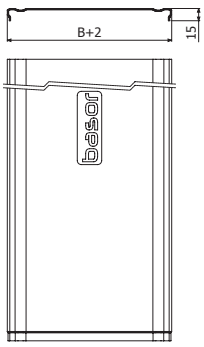
TFRE



L = 3 m (10 ft)

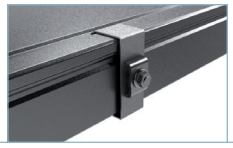
400/500/600 - L = 2 m (6,56 ft)

	B		e	GS		GC	
	mm	inch	mm	REF.	kg/m	REF.	kg/m
TFRE 100	100	4”	1,5	2/6008	1,50	2/6421	1,38
TFRE 150	150	6”	1,5	2/10031	2,09	2/6422	1,93
TFRE 200	200	8”	1,5	2/6009	2,67	2/6423	2,67
TFRE 300	300	12”	1,5	2/6010	3,85	2/6424	4,16
TFRE 400 2M	400	16”	1,5	2/6199	5,03	2/17849	5,03
TFRE 500 2M	500	20”	1,5	2/10032	6,32	2/17850	6,32
TFRE 600 2M	600	24”	1,5	2/6012	7,38	2/11232	7,38



PTERE

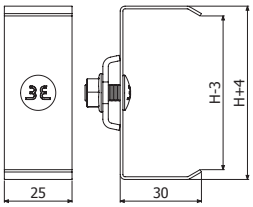




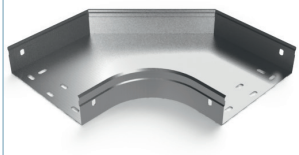
	H		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud
PTERE 35	35	1 3/8”	2/7059	0,05	2/18526	0,04
PTERE 60	60	2 3/8”	2/7060	0,05	2/18527	0,05
PTERE 80	80	3 1/7”	2/7061	0,06	2/18528	0,05
PTERE 100	100	4”	2/7062	0,06	2/18529	0,06

IK10

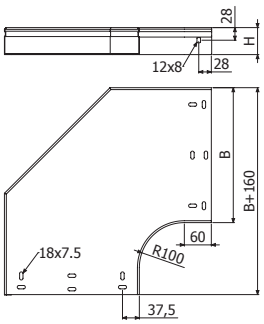
4 x PTERE => 1 x TERE

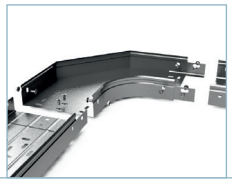


CPERC

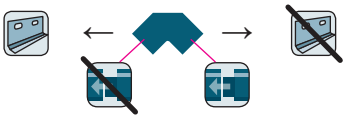


	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CPERC 100x35	100	4"	35	1 3/8"	2/1337	0,59	2/1368	0,67				
CPERC 150x35	150	6"	35	1 3/8"	2/1338	0,75	2/1369	0,86	☎	☎	☎	☎
CPERC 200x35	200	8"	35	1 3/8"	2/1339	1,00	2/1370	1,15				
CPERC 300x35	300	12"	35	1 3/8"	2/1340	1,61	2/1371	1,84				
CPERC 100x60	100	4"	60	2 3/8"	2/1344	0,70	2/1375	0,79	2/4777	0,70		
CPERC 150x60	150	6"	60	2 3/8"	2/1345	0,88	2/1376	1,00	2/5317	0,88		
CPERC 200x60	200	8"	60	2 3/8"	2/1346	1,14	2/1377	1,30	2/4778	1,14		
CPERC 300x60	300	12"	60	2 3/8"	2/1348	1,77	2/1379	2,02	2/6180	1,77	☎	☎
CPERC 400x60	400	16"	60	2 3/8"	2/1349	2,53	2/1380	2,89	2/7390	2,53		
CPERC 500x60	500	20"	60	2 3/8"	2/1350	3,42	2/1381	3,90	-	-		
CPERC 600x60	600	24"	60	2 3/8"	2/1351	4,44	2/1382	5,06	2/7391	4,44		
CPERC 100x80	100	4"	80	3 1/7"	2/1352	0,96	2/1383	1,09	2/17852	0,96	2/18161	0,96
CPERC 150x80	150	6"	80	3 1/7"	2/1353	1,23	2/1384	1,41	2/17853	1,23	2/18162	1,23
CPERC 200x80	200	8"	80	3 1/7"	2/1354	1,54	2/1385	1,76	2/17854	1,54	2/18163	1,54
CPERC 300x80	300	12"	80	3 1/7"	2/1356	2,29	2/1387	2,61	2/17855	2,29	2/18164	2,29
CPERC 400x80	400	16"	80	3 1/7"	2/1357	3,18	2/1388	3,63	2/17856	3,18	2/18165	3,18
CPERC 500x80	500	20"	80	3 1/7"	2/1358	4,24	2/1389	4,83	2/17857	4,24	2/18166	4,24
CPERC 600x80	600	24"	80	3 1/7"	2/1359	5,45	2/1390	6,21	2/17858	5,45	2/18167	5,45
CPERC 100x100	100	4"	100	4"	2/1360	1,05	2/1391	1,20				
CPERC 150x100	150	6"	100	4"	2/1361	1,33	2/1392	1,52				
CPERC 200x100	200	8"	100	4"	2/1362	1,65	2/1393	1,88				
CPERC 300x100	300	12"	100	4"	2/1364	2,42	2/1395	2,76	☎	☎	☎	☎
CPERC 400x100	400	16"	100	4"	2/1365	3,34	2/1396	3,80				
CPERC 500x100	500	20"	100	4"	2/1366	4,41	2/1397	5,03				
CPERC 600x100	600	24"	100	4"	2/1367	5,64	2/1398	6,44				

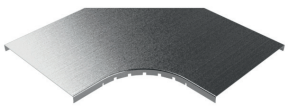




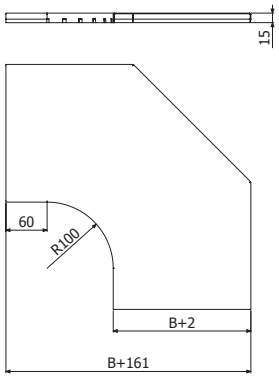
2 x JUER



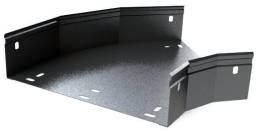
TCPERC



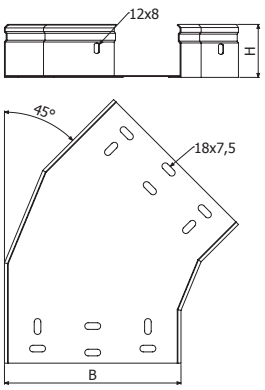
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TCPERC 100	100	4"	2/1430	0,27	2/1437	0,31	2/3560	0,27	2/18168	0,27
TCPERC 150	150	6"	2/1431	0,41	2/1438	0,48	2/3561	0,41	2/18169	0,41
TCPERC 200	200	8"	2/1432	0,57	2/1439	0,67	2/3562	0,57	2/18170	0,57
TCPERC 300	300	12"	2/1433	0,97	2/1440	1,13	2/3563	0,97	2/18171	0,97
TCPERC 400	400	16"	2/1434	1,46	2/1441	1,71	2/4752	1,46	2/18172	1,46
TCPERC 500	500	20"	2/1435	2,04	2/1442	2,39	2/3564	2,09	2/18173	2,09
TCPERC 600	600	24"	2/1436	2,71	2/1443	3,17	2/4753	2,71	2/18174	2,71



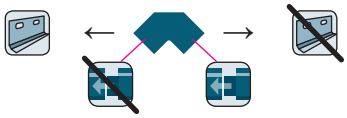
CPERC45



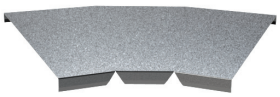
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CPERC45 100X60	100	4"	60	2 3/8"	2/14503	0,34	2/14517	0,39				
CPERC45 150X60	150	6"	60	2 3/8"	2/14504	0,46	2/14518	0,53				
CPERC45 200X60	200	8"	60	2 3/8"	2/14505	0,57	2/14519	0,66				
CPERC45 300X60	300	12"	60	2 3/8"	2/14506	0,86	2/14520	1,00	☎	☎	☎	☎
CPERC45 400X60	400	16"	60	2 3/8"	2/14507	1,19	2/14521	1,38				
CPERC45 500X60	500	20"	60	2 3/8"	2/14508	1,65	2/14522	1,91				
CPERC45 600X60	600	24"	60	2 3/8"	2/14509	1,99	2/14523	2,31				
CPERC45 100X80	100	4"	80	3 1/7"	2/7103	0,34	2/8390	0,39	2/17923	0,39	2/18245	0,39
CPERC45 150X80	150	6"	80	3 1/7"	2/7104	0,46	2/8391	0,53	2/17924	0,52	2/18246	0,52
CPERC45 200X80	200	8"	80	3 1/7"	2/7105	0,56	2/8392	0,65	2/17925	0,64	2/18247	0,64
CPERC45 300X80	300	12"	80	3 1/7"	2/7106	0,82	2/8393	0,95	2/17926	0,94	2/18248	0,94
CPERC45 400X80	400	16"	80	3 1/7"	2/8384	1,30	2/8394	1,51	2/17927	1,30	2/18249	1,30
CPERC45 500X80	500	20"	80	3 1/7"	2/8385	1,80	2/8395	2,09	2/17928	1,80	2/18250	1,80
CPERC45 600X80	600	24"	80	3 1/7"	2/8386	2,12	2/8396	2,46	2/17929	2,12	2/18251	2,12
CPERC45 100X100	100	4"	100	4"	2/14510	0,45	2/14524	0,52				
CPERC45 150X100	150	6"	100	4"	2/14511	0,58	2/14525	0,67				
CPERC45 200X100	200	8"	100	4"	2/14512	0,71	2/14526	0,82				
CPERC45 300X100	300	12"	100	4"	2/14513	1,01	2/14527	1,17	☎	☎	☎	☎
CPERC45 400X100	400	16"	100	4"	2/14514	1,37	2/14528	1,59				
CPERC45 500X100	500	20"	100	4"	2/14515	1,87	2/14529	2,17				
CPERC45 600X100	600	24"	100	4"	2/14516	2,25	2/14530	2,61				



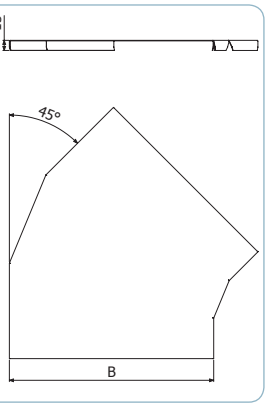
2 x JUER



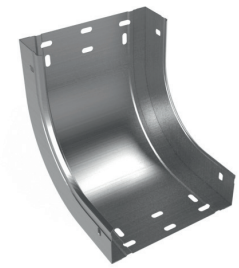
TCPERC45



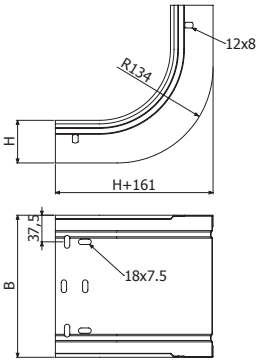
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TCPERC45 100	100	4"	2/7107	0,14	2/8397	0,16	2/17930	0,14	2/18252	0,14
TCPERC45 150	150	6"	2/7108	0,21	2/8398	0,24	2/17931	0,21	2/18253	0,21
TCPERC45 200	200	8"	2/7109	0,29	2/8399	0,34	2/17932	0,29	2/18254	0,29
TCPERC45 300	300	12"	2/7110	0,49	2/8400	0,57	2/17933	0,49	2/18255	0,49
TCPERC45 400	400	16"	2/8387	0,73	2/8401	0,86	2/17934	0,73	2/18256	0,73
TCPERC45 500	500	20"	2/8388	1,02	2/8402	1,20	2/17935	1,02	2/18257	1,02
TCPERC45 600	600	24"	2/8389	1,36	2/8403	1,59	2/17936	1,36	2/18258	1,36



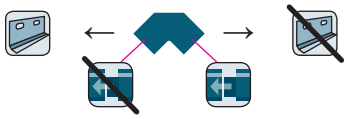
CCERC



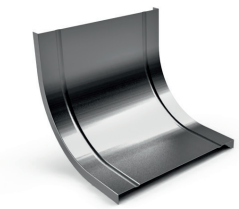
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CCERC 100x35	100	4”	35	1 3/8”	2/1451	0,34	2/1482	0,39				
CCERC 150x35	150	6”	35	1 3/8”	2/1452	0,45	2/1483	0,51	☎	☎	☎	☎
CCERC 200x35	200	8”	35	1 3/8”	2/1453	0,55	2/1484	0,63				
CCERC 300x35	300	12”	35	1 3/8”	2/1454	0,76	2/1485	0,87				
CCERC 100x60	100	4”	60	2 3/8”	2/1458	0,50	2/1489	0,57	2/4908	0,50		
CCERC 150x60	150	6”	60	2 3/8”	2/1459	0,62	2/1490	0,71	2/5157	0,63		
CCERC 200x60	200	8”	60	2 3/8”	2/1460	0,74	2/1491	0,84	2/5024	0,75		
CCERC 300x60	300	12”	60	2 3/8”	2/1462	0,98	2/1493	1,12	2/6503	0,99	☎	☎
CCERC 400x60	400	16”	60	2 3/8”	2/1463	1,22	2/1494	1,39	2/7392	1,22		
CCERC 500x60	500	20”	60	2 3/8”	2/1464	1,46	2/1495	1,67	2/18556	1,47		
CCERC 600x60	600	24”	60	2 3/8”	2/1465	1,71	2/1496	1,94	2/7393	1,71		
CCERC 100x80	100	4”	80	3 1/7”	2/1466	0,66	2/1497	0,75	2/17859	0,66	2/18175	0,66
CCERC 150x80	150	6”	80	3 1/7”	2/1467	0,79	2/1498	0,90	2/17860	0,79	2/18176	0,79
CCERC 200x80	200	8”	80	3 1/7”	2/1468	0,92	2/1499	1,05	2/17861	0,93	2/18177	0,93
CCERC 300x80	300	12”	80	3 1/7”	2/1470	1,19	2/1501	1,36	2/17862	1,19	2/18178	1,19
CCERC 400x80	400	16”	80	3 1/7”	2/1471	1,46	2/1502	1,66	2/17863	1,46	2/18179	1,46
CCERC 500x80	500	20”	80	3 1/7”	2/1472	1,72	2/1503	1,96	2/17864	1,72	2/18180	1,72
CCERC 600x80	600	24”	80	3 1/7”	2/1473	1,99	2/1504	2,27	2/17865	1,99	2/18181	1,99
CCERC 100x100	100	4”	100	4”	2/1474	0,78	2/1505	0,89				
CCERC 150x100	150	6”	100	4”	2/1475	0,93	2/1506	1,06				
CCERC 200x100	200	8”	100	4”	2/1476	1,07	2/1507	1,22				
CCERC 300x100	300	12”	100	4”	2/1478	1,36	2/1509	1,55	☎	☎	☎	☎
CCERC 400x100	400	16”	100	4”	2/1479	1,65	2/1510	1,89				
CCERC 500x100	500	20”	100	4”	2/1480	1,95	2/1511	2,22				
CCERC 600x100	600	24”	100	4”	2/1481	2,24	2/1512	2,55				



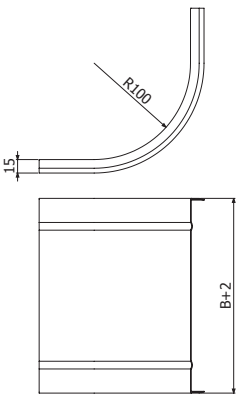
2 x JUER



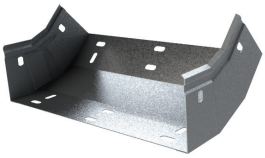
TCCERC



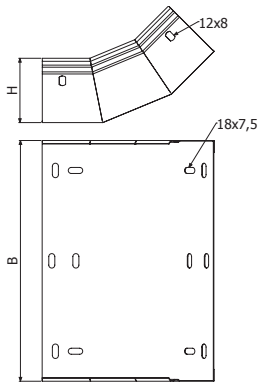
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TCCERC 100	100	4”	2/1544	0,23	2/1551	0,27	2/3263	0,23	2/18182	0,23
TCCERC 150	150	6”	2/1545	0,32	2/1552	0,37	2/3264	0,28	2/18183	0,28
TCCERC 200	200	8”	2/1546	0,41	2/1553	0,47	2/3265	0,41	2/18184	0,41
TCCERC 300	300	12”	2/1547	0,58	2/1554	0,67	2/3266	0,58	2/18185	0,58
TCCERC 400	400	16”	2/1548	0,75	2/1555	0,88	2/3271	0,75	2/18186	0,75
TCCERC 500	500	20”	2/1549	0,93	2/1556	1,08	2/17866	0,93	2/18187	0,93
TCCERC 600	600	24”	2/1550	1,10	2/1557	1,28	2/4724	1,10	2/18188	1,10



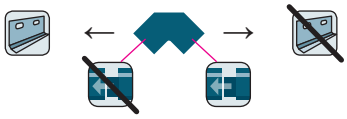
CCERC45



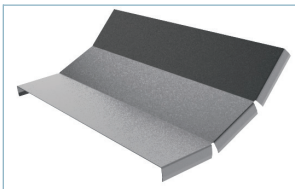
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CCERC45 100X60	100	4"	60	2 3/8"	2/14531	0,42	2/14545	0,49				
CCERC45 150X60	150	6"	60	2 3/8"	2/14532	0,50	2/14546	0,58				
CCERC45 200X60	200	8"	60	2 3/8"	2/14533	0,57	2/14547	0,66				
CCERC45 300X60	300	12"	60	2 3/8"	2/14534	0,73	2/14548	0,85	☎	☎	☎	☎
CCERC45 400X60	400	16"	60	2 3/8"	2/14535	0,89	2/14549	1,03				
CCERC45 500X60	500	20"	60	2 3/8"	2/14536	1,04	2/14550	1,21				
CCERC45 600X60	600	24"	60	2 3/8"	2/14537	1,20	2/14551	1,39				
CCERC45 100X80	100	4"	80	3 1/7"	2/7111	0,48	2/8410	0,56	2/17937	0,48	2/18259	0,48
CCERC45 150X80	150	6"	80	3 1/7"	2/7112	0,56	2/8411	0,65	2/17938	0,56	2/18260	0,56
CCERC45 200X80	200	8"	80	3 1/7"	2/7113	0,64	2/8412	0,74	2/17939	0,64	2/18261	0,64
CCERC45 300X80	300	12"	80	3 1/7"	2/7114	0,79	2/8413	0,92	2/17940	0,79	2/18262	0,79
CCERC45 400X80	400	16"	80	3 1/7"	2/8404	0,95	2/8414	1,10	2/17941	0,95	2/18263	0,95
CCERC45 500X80	500	20"	80	3 1/7"	2/8405	1,11	2/8415	1,29	2/17942	1,11	2/18264	1,11
CCERC45 600X80	600	24"	80	3 1/7"	2/8406	1,26	2/8416	1,46	2/17943	1,26	2/18265	1,26
CCERC45 100X100	100	4"	100	4"	2/14538	0,54	2/14552	0,63				
CCERC45 150X100	150	6"	100	4"	2/14539	0,62	2/14553	0,72				
CCERC45 200X100	200	8"	100	4"	2/14540	0,70	2/14554	0,81				
CCERC45 300X100	300	12"	100	4"	2/14541	0,86	2/14555	1,00	☎	☎	☎	☎
CCERC45 400X100	400	16"	100	4"	2/14542	1,01	2/14556	1,17				
CCERC45 500X100	500	20"	100	4"	2/14543	1,17	2/14557	1,36				
CCERC45 600X100	600	24"	100	4"	2/14544	1,33	2/14558	1,54				



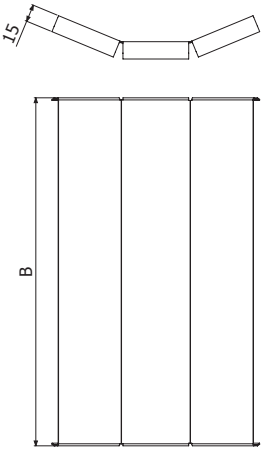
2 x JUER



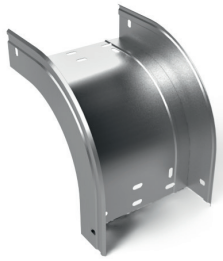
TCCERC45



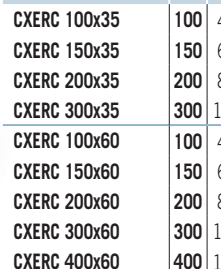
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TCCERC45 100	100	4"	2/7115	0,12	2/8417	0,14	2/17944	1,64	2/18266	1,64
TCCERC45 150	150	6"	2/7116	0,16	2/8418	0,19	2/17945	2,64	2/18267	2,64
TCCERC45 200	200	8"	2/7117	0,21	2/8419	0,24	2/17946	3,64	2/18268	3,64
TCCERC45 300	300	12"	2/7118	0,29	2/8420	0,34	2/17947	4,64	2/18269	4,64
TCCERC45 400	400	16"	2/8407	0,38	2/8421	0,44	2/17948	5,64	2/18270	5,64
TCCERC45 500	500	20"	2/8408	0,47	2/8422	0,54	2/17949	6,64	2/18271	6,64
TCCERC45 600	600	24"	2/8409	0,55	2/8423	0,64	2/17950	7,64	2/18272	7,64

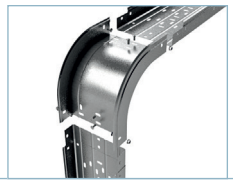


CXERC

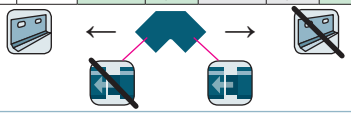


	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CXERC 100x35	100	4"	35	1 3/8"	2/1565	0,32	2/1596	0,37				
CXERC 150x35	150	6"	35	1 3/8"	2/1566	0,42	2/1597	0,48				
CXERC 200x35	200	8"	35	1 3/8"	2/1567	0,51	2/1598	0,58				
CXERC 300x35	300	12"	35	1 3/8"	2/1568	0,70	2/1599	0,80				
CXERC 100x60	100	4"	60	2 3/8"	2/1572	0,45	2/1603	0,51	2/4909	0,45		
CXERC 150x60	150	6"	60	2 3/8"	2/1573	0,54	2/1604	0,62	2/5158	0,54		
CXERC 200x60	200	8"	60	2 3/8"	2/1574	0,64	2/1605	0,72	2/5025	0,64		
CXERC 300x60	300	12"	60	2 3/8"	2/1576	0,82	2/1607	0,94	2/6817	0,82		
CXERC 400x60	400	16"	60	2 3/8"	2/1577	1,01	2/1608	1,15	2/7514	1,01		
CXERC 500x60	500	20"	60	2 3/8"	2/1578	1,20	2/1609	1,37	2/18557	1,20		
CXERC 600x60	600	24"	60	2 3/8"	2/1579	1,39	2/1610	1,58	2/7515	1,39		
CXERC 100x80	100	4"	80	3 1/7"	2/1580	0,58	2/1611	0,66	2/17867	0,58	2/18189	0,58
CXERC 150x80	150	6"	80	3 1/7"	2/1581	0,67	2/1612	0,77	2/17868	0,68	2/18190	0,68
CXERC 200x80	200	8"	80	3 1/7"	2/1582	0,77	2/1613	0,88	2/17869	0,77	2/18191	0,77
CXERC 300x80	300	12"	80	3 1/7"	2/1584	0,96	2/1615	1,09	2/17870	0,96	2/18192	0,96
CXERC 400x80	400	16"	80	3 1/7"	2/1585	1,14	2/1616	1,31	2/17871	1,14	2/18193	1,14
CXERC 500x80	500	20"	80	3 1/7"	2/1586	1,33	2/1617	1,52	2/17872	1,33	2/18194	1,33
CXERC 600x80	600	24"	80	3 1/7"	2/1587	1,52	2/1618	1,73	2/17873	1,52	2/18195	1,52
CXERC 100x100	100	4"	100	4"	2/1588	0,67	2/1619	0,77				
CXERC 150x100	150	6"	100	4"	2/1589	0,77	2/1620	0,88				
CXERC 200x100	200	8"	100	4"	2/1590	0,86	2/1621	0,98				
CXERC 300x100	300	12"	100	4"	2/1592	1,05	2/1623	1,20				
CXERC 400x100	400	16"	100	4"	2/1593	1,24	2/1624	1,41				
CXERC 500x100	500	20"	100	4"	2/1594	1,43	2/1625	1,63				
CXERC 600x100	600	24"	100	4"	2/1595	1,62	2/1626	1,93				

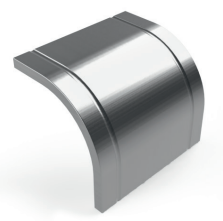




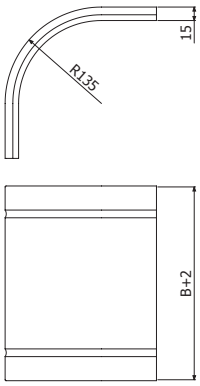
2 x JUER



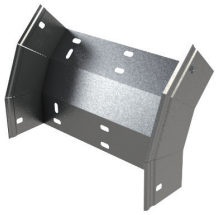
TCXERC



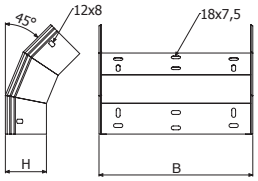
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TCXERC 100x35	100	4"	2/1658	0,29	2/1689	0,34				
TCXERC 150x35	150	6"	2/1659	0,40	2/1690	0,47				
TCXERC 200x35	200	8"	2/1660	0,52	2/1691	0,60				
TCXERC 300x35	300	12"	2/1661	0,74	2/1692	0,86				
TCXERC 100x60	100	4"	2/1665	0,34	2/1696	0,39	2/3565	0,34		
TCXERC 150x60	150	6"	2/1666	0,46	2/1697	0,54	2/3249	0,46		
TCXERC 200x60	200	8"	2/1667	0,59	2/1698	0,68	2/3253	0,59		
TCXERC 300x60	300	12"	2/1669	0,84	2/1700	0,98	2/3250	0,84		
TCXERC 400x60	400	16"	2/1670	1,10	2/1701	1,28	2/3251	1,10		
TCXERC 500x60	500	20"	2/1671	1,36	2/1702	1,57	2/18558	1,36		
TCXERC 600x60	600	24"	2/1672	1,61	2/1703	1,87	2/3252	1,61		
TCXERC 100x80	100	4"	2/1673	0,37	2/1704	0,43	2/17874	0,37	2/18196	0,37
TCXERC 150x80	150	6"	2/1674	0,51	2/1705	0,59	2/17875	0,51	2/18197	0,51
TCXERC 200x80	200	8"	2/1675	0,65	2/1706	0,75	2/17876	0,65	2/18198	0,65
TCXERC 300x80	300	12"	2/1677	0,93	2/1708	1,08	2/17877	0,93	2/18199	0,93
TCXERC 400x80	400	16"	2/1678	1,21	2/1709	1,40	2/17878	1,21	2/18200	1,21
TCXERC 500x80	500	20"	2/1679	1,49	2/1710	1,73	2/17879	1,49	2/18201	1,49
TCXERC 600x80	600	24"	2/1680	1,77	2/1711	2,05	2/17880	1,77	2/18202	1,77
TCXERC 100x100	100	4"	2/1681	0,40	2/1712	0,47				
TCXERC 150x100	150	6"	2/1682	0,55	2/1713	0,64				
TCXERC 200x100	200	8"	2/1683	0,71	2/1714	0,82				
TCXERC 300x100	300	12"	2/1685	1,01	2/1716	1,18				
TCXERC 400x100	400	16"	2/1686	1,32	2/1717	1,53				
TCXERC 500x100	500	20"	2/1687	1,62	2/1718	1,88				
TCXERC 600x100	600	24"	2/1688	1,93	2/1719	2,24				



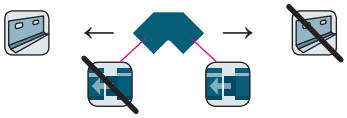
CXERC45



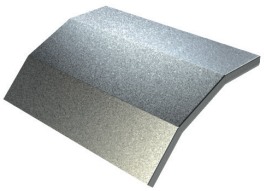
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CXERC45 100X60	100	4"	60	2 3/8"	2/14559	0,38	2/14573	0,44				
CXERC45 150X60	150	6"	60	2 3/8"	2/14560	0,44	2/14574	0,51				
CXERC45 200X60	200	8"	60	2 3/8"	2/14561	0,49	2/14575	0,57				
CXERC45 300X60	300	12"	60	2 3/8"	2/14562	0,61	2/14576	0,71	☎	☎	☎	☎
CXERC45 400X60	400	16"	60	2 3/8"	2/14563	0,72	2/14577	0,84				
CXERC45 500X60	500	20"	60	2 3/8"	2/14564	0,84	2/14578	0,97				
CXERC45 600X60	600	24"	60	2 3/8"	2/14565	0,95	2/14579	1,11				
CXERC45 100X80	100	4"	80	3 1/7"	2/7119	0,44	2/8430	0,51	2/17951	0,44	2/18273	0,44
CXERC45 150X80	150	6"	80	3 1/7"	2/7120	0,50	2/8431	0,58	2/17952	0,50	2/18274	0,50
CXERC45 200X80	200	8"	80	3 1/7"	2/7121	0,55	2/8432	0,64	2/17953	0,55	2/18275	0,55
CXERC45 300X80	300	12"	80	3 1/7"	2/7122	0,67	2/8433	0,78	2/17954	0,67	2/18276	0,67
CXERC45 400X80	400	16"	80	3 1/7"	2/8424	0,78	2/8434	0,91	2/17955	0,78	2/18277	0,78
CXERC45 500X80	500	20"	80	3 1/7"	2/8425	0,90	2/8435	1,04	2/17956	0,90	2/18278	0,90
CXERC45 600X80	600	24"	80	3 1/7"	2/8426	1,01	2/8436	1,18	2/17957	1,01	2/18279	1,01
CXERC45 100X100	100	4"	100	4"	2/14566	0,50	2/14580	0,58				
CXERC45 150X100	150	6"	100	4"	2/14567	0,56	2/14581	0,65				
CXERC45 200X100	200	8"	100	4"	2/14568	0,62	2/14582	0,71				
CXERC45 300X100	300	12"	100	4"	2/14569	0,73	2/14583	0,85	☎	☎	☎	☎
CXERC45 400X100	400	16"	100	4"	2/14570	0,85	2/14584	0,98				
CXERC45 500X100	500	20"	100	4"	2/14571	0,96	2/14585	1,12				
CXERC45 600X100	600	24"	100	4"	2/14572	1,08	2/14586	1,25				



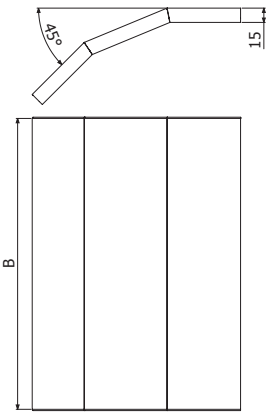
2 x JUER



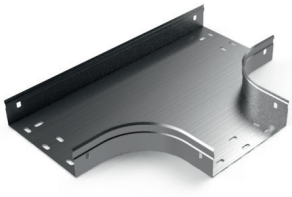
TCXERC45



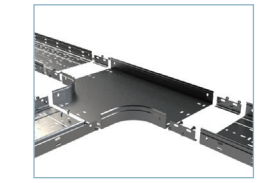
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TCXERC45 100X60	100	4"	2/14587	0,17	2/14601	0,20				
TCXERC45 150X60	150	6"	2/14588	0,23	2/14602	0,27				
TCXERC45 200X60	200	8"	2/14589	0,30	2/14603	0,34				
TCXERC45 300X60	300	12"	2/14590	0,42	2/14604	0,49	☎	☎	☎	☎
TCXERC45 400X60	400	16"	2/14591	0,55	2/14605	0,64				
TCXERC45 500X60	500	20"	2/14592	0,68	2/14606	0,79				
TCXERC45 600X60	600	24"	2/14593	0,81	2/14607	0,94				
TCXERC45 100X80	100	4"	2/7123	0,19	2/8437	0,22	2/17958	0,19	2/18280	0,19
TCXERC45 150X80	150	6"	2/7124	0,26	2/8438	0,30	2/17959	0,26	2/18281	0,26
TCXERC45 200X80	200	8"	2/7125	0,33	2/8439	0,38	2/17960	0,33	2/18282	0,33
TCXERC45 300X80	300	12"	2/7126	0,47	2/8440	0,54	2/17961	0,47	2/18283	0,47
TCXERC45 400X80	400	16"	2/8427	0,61	2/8441	0,70	2/17962	0,61	2/18284	0,61
TCXERC45 500X80	500	20"	2/8428	0,75	2/8442	0,87	2/17963	0,75	2/18285	0,75
TCXERC45 600X80	600	24"	2/8429	0,89	2/8443	1,03	2/17964	0,89	2/18286	0,89
TCXERC45 100X100	100	4"	2/14594	0,20	2/14608	0,24				
TCXERC45 150X100	150	6"	2/14595	0,28	2/14609	0,32				
TCXERC45 200X100	200	8"	2/14596	0,36	2/14610	0,41				
TCXERC45 300X100	300	12"	2/14597	0,51	2/14611	0,59	☎	☎	☎	☎
TCXERC45 400X100	400	16"	2/14598	0,66	2/14612	0,77				
TCXERC45 500X100	500	20"	2/14599	0,81	2/14613	0,94				
TCXERC45 600X100	600	24"	2/14600	0,97	2/14614	1,12				

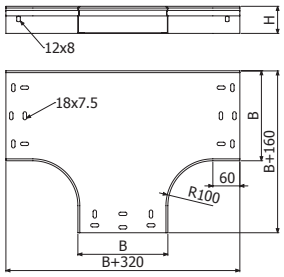


TERC

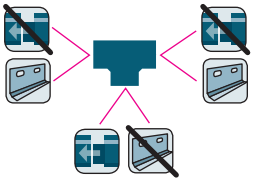


	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TERC 100x35	100	4”	35	1 3/8”	2/1751	0,81	2/1782	0,93				
TERC 150x35	150	6”	35	1 3/8”	2/1752	1,11	2/1783	1,27	☎	☎	☎	☎
TERC 200x35	200	8”	35	1 3/8”	2/1753	1,58	2/1784	1,80				
TERC 300x35	300	12”	35	1 3/8”	2/1754	2,26	2/1785	2,57				
TERC 100x60	100	4”	60	2 3/8”	2/1758	0,96	2/1789	1,09				
TERC 150x60	150	6”	60	2 3/8”	2/1759	1,27	2/1790	1,45				
TERC 200x60	200	8”	60	2 3/8”	2/1760	1,74	2/1791	1,98				
TERC 300x60	300	12”	60	2 3/8”	2/1762	2,44	2/1793	2,78	☎	☎	☎	☎
TERC 400x60	400	16”	60	2 3/8”	2/1763	3,41	2/1794	3,89				
TERC 500x60	500	20”	60	2 3/8”	2/1764	4,54	2/1795	5,18				
TERC 600x60	600	24”	60	2 3/8”	2/1765	5,83	2/1796	6,64				
TERC 100x80	100	4”	80	3 1/7”	2/1766	1,07	2/1797	1,22	2/17881	1,07	2/18203	1,07
TERC 150x80	150	6”	80	3 1/7”	2/1767	1,38	2/1798	1,58	2/17882	1,39	2/18204	1,39
TERC 200x80	200	8”	80	3 1/7”	2/1768	1,86	2/1799	2,12	2/17883	1,86	2/18205	1,86
TERC 300x80	300	12”	80	3 1/7”	2/1770	2,57	2/1801	2,93	2/17884	2,57	2/18206	2,57
TERC 400x80	400	16”	80	3 1/7”	2/1771	3,55	2/1802	4,05	2/17885	3,55	2/18207	3,55
TERC 500x80	500	20”	80	3 1/7”	2/1772	4,70	2/1803	5,35	2/17886	4,70	2/18208	4,70
TERC 600x80	600	24”	80	3 1/7”	2/1773	5,99	2/1804	6,83	2/17887	6,00	2/18209	6,00
TERC 100x100	100	4”	100	4”	2/1774	1,19	2/1805	1,36				
TERC 150x100	150	6”	100	4”	2/1775	1,51	2/1806	1,72				
TERC 200x100	200	8”	100	4”	2/1776	2,00	2/1807	2,28				
TERC 300x100	300	12”	100	4”	2/1778	2,71	2/1809	3,09	☎	☎	☎	☎
TERC 400x100	400	16”	100	4”	2/1779	3,71	2/1810	4,23				
TERC 500x100	500	20”	100	4”	2/1780	4,87	2/1811	5,55				
TERC 600x100	600	24”	100	4”	2/1781	6,18	2/1812	7,04				

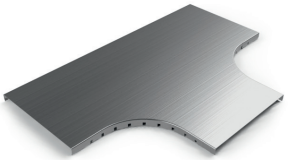




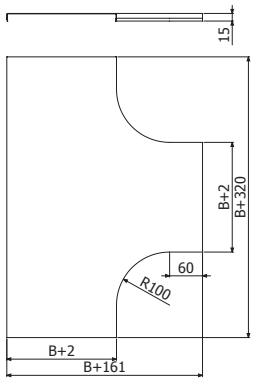
2 x JUER



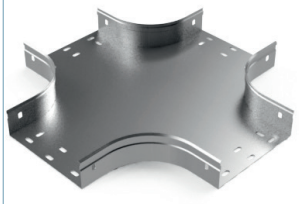
TTERC



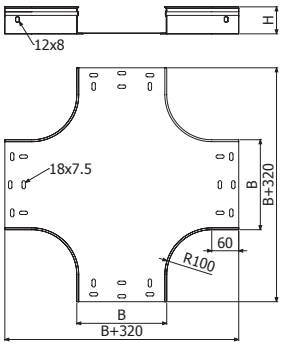
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TTERC 100	100	4”	2/1844	0,45	2/1852	0,53	2/17888	0,46	2/18210	0,46
TTERC 150	150	6”	2/1845	0,66	2/1853	0,77	2/17889	0,66	2/18211	0,66
TTERC 200	200	8”	2/1846	0,89	2/1854	1,04	2/17890	0,89	2/18212	0,89
TTERC 300	300	12”	2/1848	1,44	2/1855	1,68	2/17891	1,44	2/18213	1,44
TTERC 400	400	16”	2/1849	2,09	2/1856	2,45	2/17892	2,10	2/18214	2,10
TTERC 500	500	20”	2/1850	2,86	2/1857	3,35	2/17893	2,86	2/18215	2,86
TTERC 600	600	24”	2/1851	3,74	2/1858	4,37	2/17894	3,74	2/18216	3,74



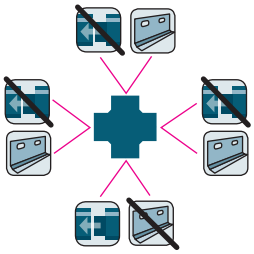
CRERC



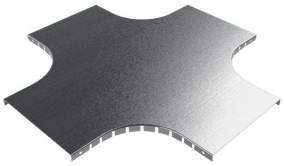
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CRERC 100x35	100	4"	35	1 3/8"	2/1866	1,02	2/1897	1,16				
CRERC 150x35	150	6"	35	1 3/8"	2/1867	1,37	2/1898	1,56				
CRERC 200x35	200	8"	35	1 3/8"	2/1868	1,76	2/1899	2,00				
CRERC 300x35	300	12"	35	1 3/8"	2/1869	2,65	2/1900	3,02				
CRERC 100x60	100	4"	60	2 3/8"	2/1873	1,19	2/1904	1,35				
CRERC 150x60	150	6"	60	2 3/8"	2/1874	1,54	2/1905	1,75				
CRERC 200x60	200	8"	60	2 3/8"	2/1875	1,92	2/1906	2,19				
CRERC 300x60	300	12"	60	2 3/8"	2/1877	2,82	2/1908	3,21				
CRERC 400x60	400	16"	60	2 3/8"	2/1878	3,87	2/1909	4,41				
CRERC 500x60	500	20"	60	2 3/8"	2/1879	5,08	2/1910	5,79				
CRERC 600x60	600	24"	60	2 3/8"	2/1872	6,28	2/1911	7,35				
CRERC 100x80	100	4"	80	3 1/7"	2/1881	1,31	2/1912	1,50	2/17895	1,31	2/18217	1,31
CRERC 150x80	150	6"	80	3 1/7"	2/1882	1,66	2/1913	1,89	2/17896	1,66	2/18218	1,66
CRERC 200x80	200	8"	80	3 1/7"	2/1883	2,05	2/1914	2,34	2/17897	2,05	2/18219	2,05
CRERC 300x80	300	12"	80	3 1/7"	2/1885	2,94	2/1916	3,36	2/17898	2,94	2/18220	2,94
CRERC 400x80	400	16"	80	3 1/7"	2/1886	4,00	2/1917	4,56	2/17899	4,00	2/18221	4,00
CRERC 500x80	500	20"	80	3 1/7"	2/1887	5,21	2/1918	5,93	2/17900	5,21	2/18222	5,21
CRERC 600x80	600	24"	80	3 1/7"	2/1880	6,45	2/1919	7,49	2/17901	6,45	2/18223	6,45
CRERC 100x100	100	4"	100	4"	2/1889	1,45	2/1920	1,65				
CRERC 150x100	150	6"	100	4"	2/1890	1,80	2/1921	2,05				
CRERC 200x100	200	8"	100	4"	2/1891	2,19	2/1922	2,49				
CRERC 300x100	300	12"	100	4"	2/1893	3,08	2/1924	3,51				
CRERC 400x100	400	16"	100	4"	2/1894	4,14	2/1925	4,71				
CRERC 500x100	500	20"	100	4"	2/1895	5,34	2/1926	6,09				
CRERC 600x100	600	24"	100	4"	2/1896	6,71	2/1927	7,65				



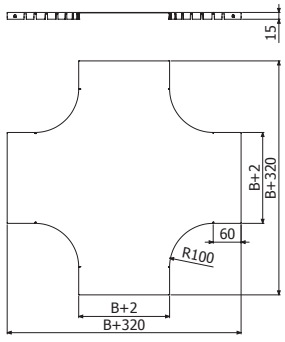
2 x JUER



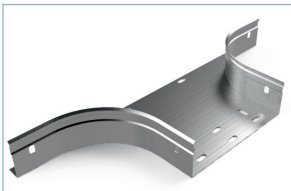
TCRERC



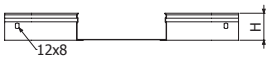
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TCRERC 100	100	4"	2/1959	0,60	2/1967	0,70	2/17902	0,60	2/18224	0,60
TCRERC 150	150	6"	2/1960	0,84	2/1968	0,99	2/17903	0,84	2/18225	0,84
TCRERC 200	200	8"	2/1961	1,11	2/1969	1,30	2/17904	1,12	2/18226	1,12
TCRERC 300	300	12"	2/1963	1,74	2/1971	2,04	2/17905	1,74	2/18227	1,74
TCRERC 400	400	16"	2/1964	2,48	2/1972	2,90	2/17906	2,48	2/18228	2,48
TCRERC 500	500	20"	2/1965	3,32	2/1973	3,89	2/17907	3,33	2/18229	3,33
TCRERC 600	600	24"	2/1966	4,28	2/1974	5,01	2/17908	4,28	2/18230	4,28

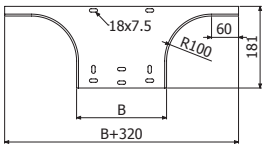


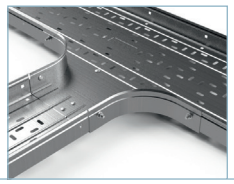
AS



	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
AS 100x35	100	4"	35	1 3/8"	2/1983	0,40	2/2015	0,46				
AS 150x35	150	6"	35	1 3/8"	2/1984	0,47	2/2016	0,54				
AS 200x35	200	8"	35	1 3/8"	2/1985	0,54	2/2017	0,62				
AS 300x35	300	12"	35	1 3/8"	2/1987	0,68	2/2019	0,78				
AS 100x60	100	4"	60	2 3/8"	2/1991	0,48	2/2023	0,55				
AS 150x60	150	6"	60	2 3/8"	2/1992	0,55	2/2024	0,63				
AS 200x60	200	8"	60	2 3/8"	2/1993	0,63	2/2025	0,72				
AS 300x60	300	12"	60	2 3/8"	2/1995	0,77	2/2027	0,87				
AS 400x60	400	16"	60	2 3/8"	2/1996	0,91	2/2028	1,04				
AS 500x60	500	20"	60	2 3/8"	2/1997	1,05	2/2029	1,20				
AS 600x60	600	24"	60	2 3/8"	2/1998	1,19	2/2030	1,36				
AS 100x80	100	4"	80	3 1/7"	2/1999	0,55	2/2031	0,63	2/17909	0,55	2/18231	0,55
AS 150x80	150	6"	80	3 1/7"	2/2000	0,62	2/2032	0,71	2/17910	0,62	2/18232	0,62
AS 200x80	200	8"	80	3 1/7"	2/2001	0,69	2/2033	0,79	2/17911	0,69	2/18233	0,69
AS 300x80	300	12"	80	3 1/7"	2/2003	0,83	2/2035	0,95	2/17912	0,83	2/18234	0,83
AS 400x80	400	16"	80	3 1/7"	2/2004	0,97	2/2036	1,11	2/17913	0,97	2/18235	0,97
AS 500x80	500	20"	80	3 1/7"	2/2005	1,11	2/2037	1,27	2/17914	1,12	2/18236	1,12
AS 600x80	600	24"	80	3 1/7"	2/2006	1,25	2/2038	1,44	2/17915	1,26	2/18237	1,26
AS 100x100	100	4"	100	4"	2/2007	0,61	2/2039	0,71				
AS 150x100	150	6"	100	4"	2/2008	0,69	2/2040	0,79				
AS 200x100	200	8"	100	4"	2/2009	0,76	2/2041	0,86				
AS 300x100	300	12"	100	4"	2/2011	0,90	2/2043	1,03				
AS 400x100	400	16"	100	4"	2/2012	1,04	2/2044	1,19				
AS 500x100	500	20"	100	4"	2/2013	1,18	2/2045	1,35				
AS 600x100	600	24"	100	4"	2/2014	1,32	2/2046	1,52				





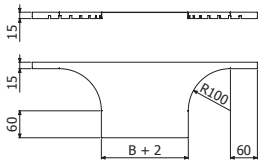


2 x JUER

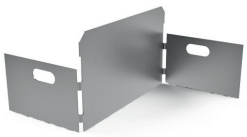
TAS



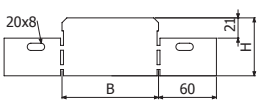
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TAS 100	100	4"	2/8325	0,22	2/8332	0,26	2/17916	0,22	2/18238	0,22
TAS 150	150	6"	2/8326	0,27	2/8333	0,31	2/17917	0,27	2/18239	0,27
TAS 200	200	8"	2/8327	0,33	2/8334	0,38	2/17918	0,33	2/18240	0,33
TAS 300	300	12"	2/8328	0,44	2/8335	0,51	2/17919	0,44	2/18241	0,44
TAS 400	400	16"	2/8329	0,55	2/8336	0,63	2/17920	0,55	2/18242	0,55
TAS 500	500	20"	2/8330	0,66	2/8337	0,76	2/17921	0,66	2/18243	0,66
TAS 600	600	24"	2/8331	0,77	2/8338	0,88	2/17922	0,77	2/18244	0,77

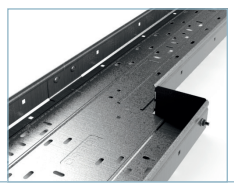


REER



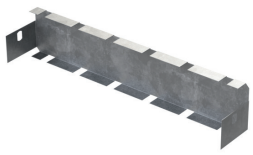
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
REER 50x35	50	2"	35	1 3/8"	2/6290	0,03	2/6298	0,03				
REER 50x60	50	2"	60	2 3/8"	2/6291	0,04	2/6299	0,05	2/8767	0,04		
REER 50x80	50	2"	80	3 1/7"	2/6292	0,06	2/6300	0,07	2/18120	0,06	2/18444	0,06
REER 50x100	50	2"	100	4"	2/6293	0,08	2/6301	0,09				
REER 100x35	100	4"	35	1 3/8"	2/6294	0,04	2/6302	0,04				
REER 100x60	100	4"	60	2 3/8"	2/6295	0,06	2/6303	0,07	2/8768	0,06		
REER 100x80	100	4"	80	3 1/7"	2/6296	0,08	2/6304	0,09	2/18121	0,08	2/18445	0,08
REER 100x100	100	4"	100	4"	2/6297	0,11	2/6305	0,12				





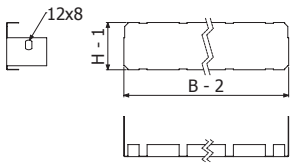
2/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)

TFERE

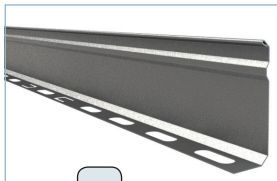


	B		B		GS		GC		i304/i316
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	
TFERE 100X80	100	4"	80	3 1/7"	2/8356	0,08	2/8363	0,09	
TFERE 150X80	150	6"	80	3 1/7"	2/8357	0,12	2/8364	0,14	
TFERE 200X80	200	8"	80	3 1/7"	2/8358	0,15	2/8365	0,17	
TFERE 300X80	300	12"	80	3 1/7"	2/8359	0,21	2/8366	0,24	
TFERE 400X80	400	16"	80	3 1/7"	2/8360	0,33	2/8367	0,38	
TFERE 500X80	500	20"	80	3 1/7"	2/8361	0,34	2/8368	0,39	
TFERE 600X80	600	24"	80	3 1/7"	2/8362	0,47	2/8369	0,55	

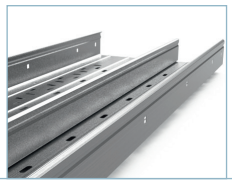
2/100 x B1 (2/4356 - GS // 2/6826 - GC)



PS

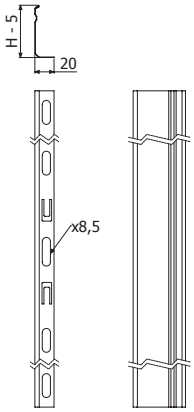


L = 3 m (10 ft)

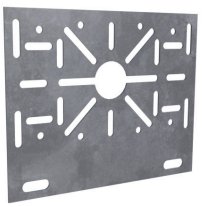


	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
PS 35	35	1 3/8"	2/3476	0,29	2/3479	0,29	2/11227	0,29	2/15544	0,29
PS 60	60	2 3/8"	2/2066	0,34	2/3480	0,43	2/3645	0,34	2/15545	0,34
PS 80	80	3 1/7"	2/3477	0,46	2/3481	0,63	2/11228	0,46	2/18386	0,46
PS 100	100	4"	2/3478	0,56	2/3482	0,76	2/5138	0,56	2/15500	0,56

1/100 x B1 (500 ↔ 500 mm) (2/4356 - GS // 2/6826 - GC // 2/4925 - i304)

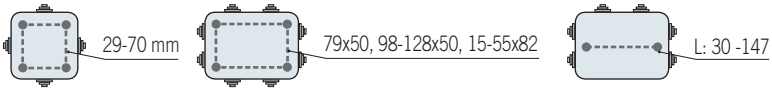


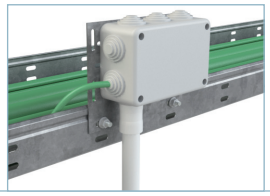
SUCP

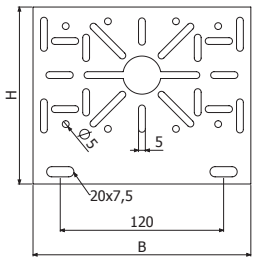


	B		H		GS		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m
SUCP	160	6 2/7	130	5 1/8	2/14255	0,25	2/14256	0,25	2/18448	0,25

2/100 x B1 (2/4356 - GS // 2/6826 - GC // 2/4925 - i304)





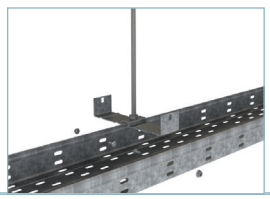


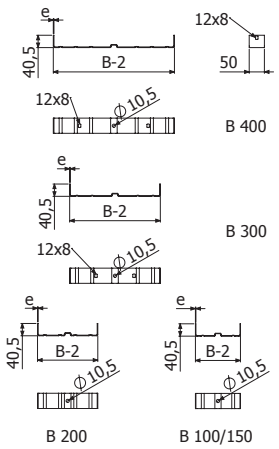
SIER



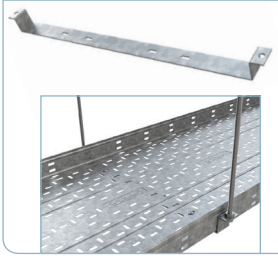
	B		B		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud
SIER 100X60	100	4"	60	2 3/8"	2/8168	0,18	2/9897	0,19
SIER 150x60	150	6"	60	2 3/8"	2/9893	0,23	2/9898	0,25
SIER 200X60	200	8"	60	2 3/8"	2/9894	0,28	2/9899	0,30
SIER 300X60	300	12"	60	2 3/8"	2/9895	0,38	2/9900	0,40
SIER 400X60	400	16"	60	2 3/8"	2/9896	0,48	2/9901	0,51

VR M10 (2/5535-EZ // 2/10018-I304) + 2 x DIN934 M10 (2/17607-EZ // 2/17602-I304) + (2/100 (B100-200) // 4/100 (B300-400) x B1 (2/4356-EZ // 2/6826-GC // 2/4925-I304))



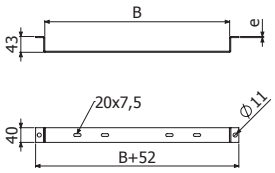


SEER



	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud
SEER 500X60	500	20"	60	2 3/8"	2/17587	0,58	2/17589	0,60
SEER 600X60	600	24"	60	2 3/8"	2/17588	0,68	2/17590	0,70

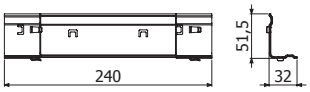
2 x VR M10 (2/5535-EZ // 2/10018-I304) + 4 x DIN934 M10 (2/17607-EZ // 2/17602-I304) + (2/100 x B1 (2/4356-EZ // 2/6826-GC // 2/4925-I304))



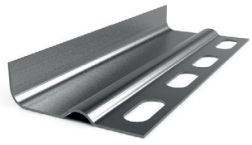
URERC H60



	H		e	GS	
	mm	inch	mm	REF.	kg/ud
URERC 60	60	2 3/8"	1	2/1099	0,16



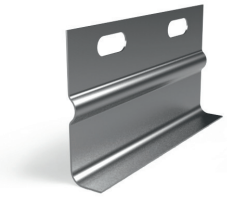
JUER



JUER 35



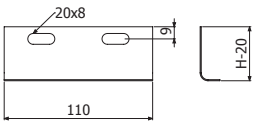
JUER 60



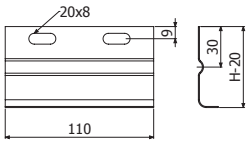
JUER 80/100

	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUER 35	35	1 3/8"	2/2047	0,04	2/2052	0,05	2/3232	0,04	2/18549	0,04
JUER 60	60	2 3/8"	2/2048	0,03	2/2053	0,03	2/3233	0,03	2/18550	0,03
JUER 80	80	3 1/7"	2/2049	0,06	2/2054	0,07	2/14253	0,06	2/18385	0,06
JUER 100	100	4"	2/2050	0,07	2/2055	0,09	2/3559	0,07	2/18551	0,07

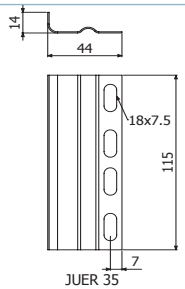
2/100 x B1 (2/4356 - GS // 2/6826 - GC // 2/4925 - i304)



JUER 60



JUER 80/100



JUER 35

JUER-A



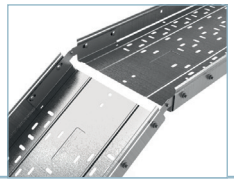
JUER-A 35



JUER-A 60

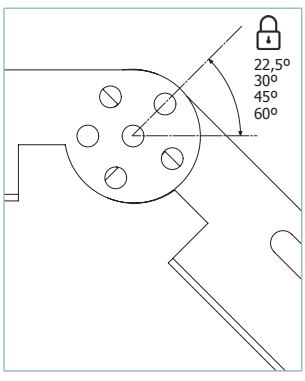


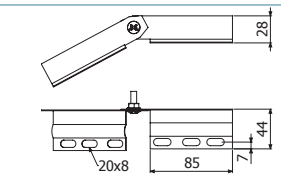
JUER-A 80/100



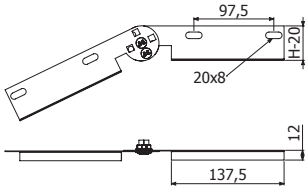
	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUER-A 35	35	1 3/8"	2/3226	0,10	2/5298	0,11	2/14245	1,18	☎	☎
JUER-A 60	60	2 3/8"	2/3229	0,10	2/4439	0,11	2/14246	2,18		
JUER-A 80	80	3 1/7"	2/6327	0,13	2/5055	0,14	2/14247	3,18	2/18446	3,18
JUER-A 100	100	4"	2/6209	0,16	2/6416	0,18	2/14248	4,18	☎	☎

4/100 x B1 (2/4356 - GS / 2/6826 - GC / 2/4925 - i304)

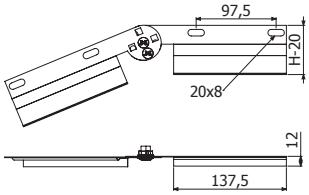




JUER-A 35

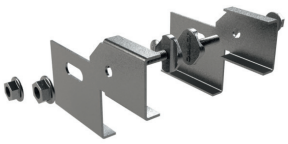


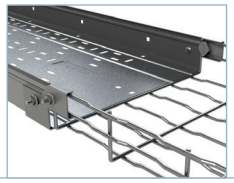
JUER-A 60



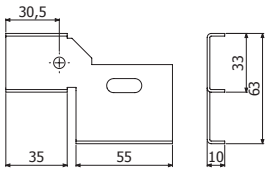
JUER-A 80/100

JUER-BFR

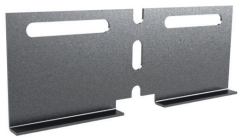




	i304		i316	
	REF.	kg/ud	REF.	kg/ud
JUER-BFR 60/65	2/7018	0,18	2/18387	0,18



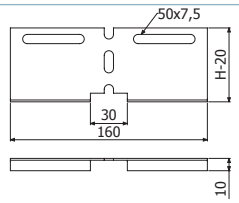
JUER-B





	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUER-B 35	35	1 3/8"	2/7204	0,12	2/7208	0,13	2/14249	0,12	☎	☎
JUER-B 60	60	2 3/8"	2/7205	0,08	2/4440	0,09	2/14250	0,08		
JUER-B 80	80	3 1/7"	2/7206	0,12	2/7209	0,13	2/14251	0,12	2/18447	0,12
JUER-B 100	100	4"	2/7207	0,15	2/7210	0,16	2/14252	0,15	☎	☎

2/100 x B1 (2/4356 - GS / 2/6826 - GC / 2/4925 - i304)

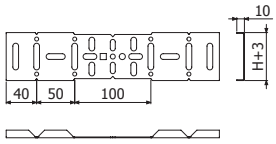


JUER-U



	H		GS		i304		i
	mm	inch	REF.	kg/ud	REF.	kg/ud	3
JUER-U 60	60	2 3/8"	2/5740	0,14	2/14241	0,14	1
JUER-U 100	100	4"	2/14243	0,20	2/14242	0,20	6

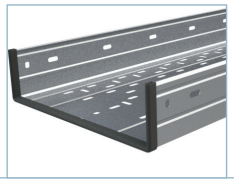
2/100 x B1 (2/4356 - GS / 2/6826 - GC / 2/4925 - i304)



PBCH-1



	e	L	PVC	
	mm	m	REF.	kg/ud
PBCH-1	≤ 1	20	2/10086	0,07

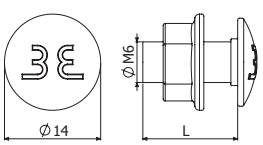




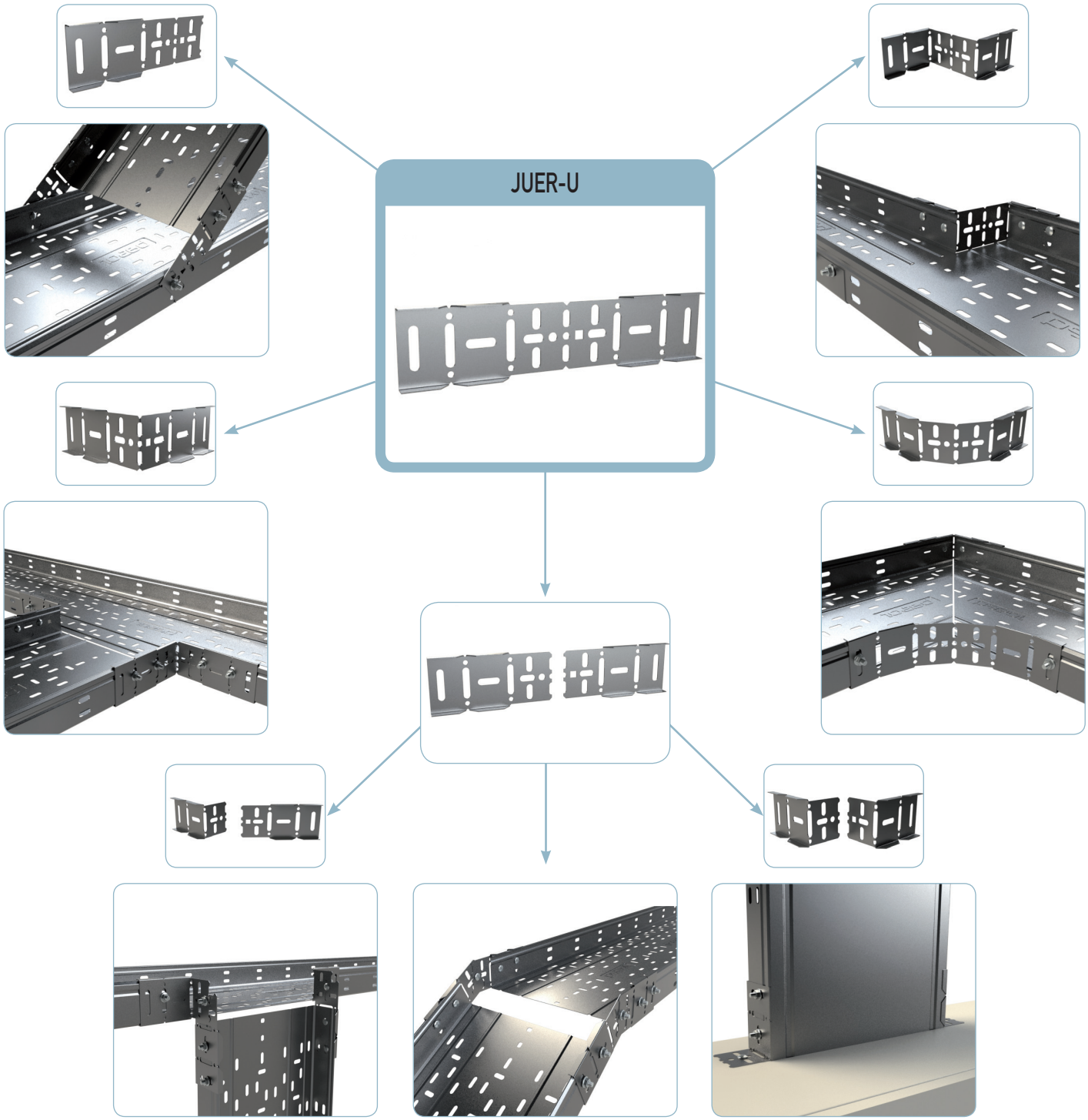
B1

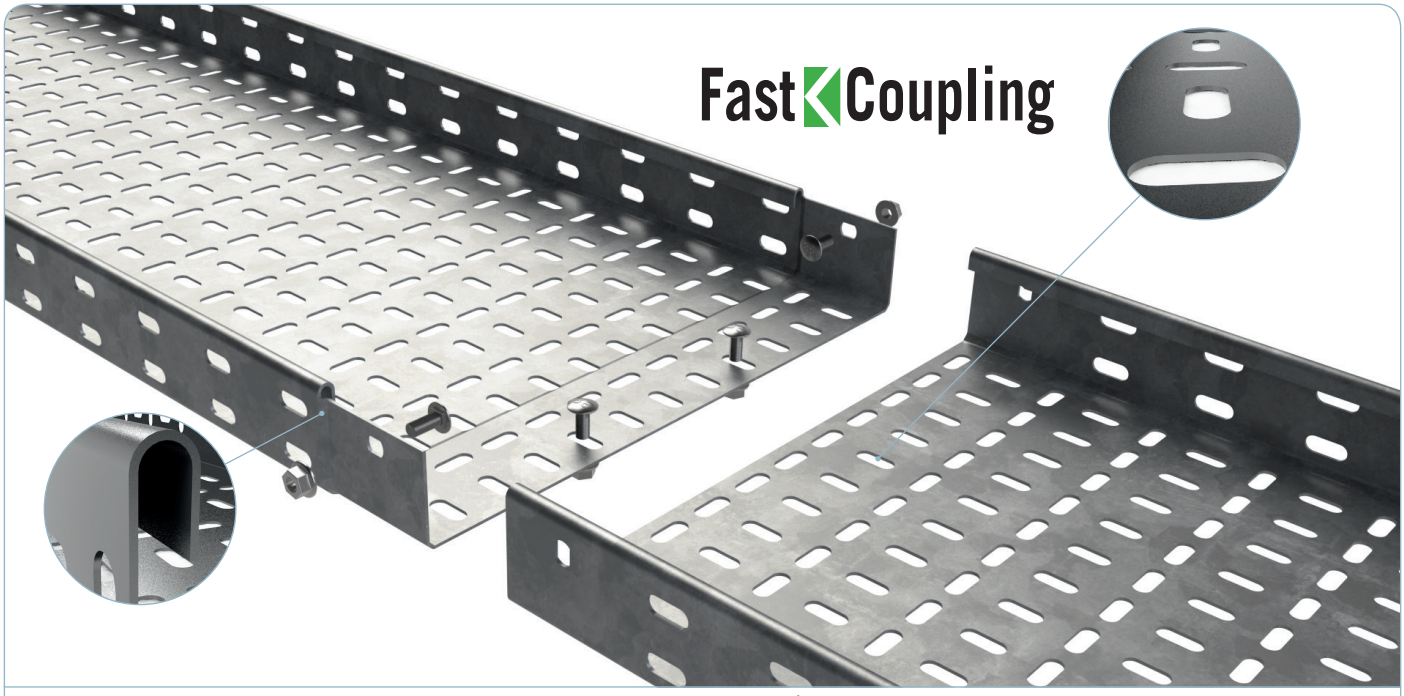


	L	Pap	EZ		GC		i304		i316	
	mm	Nm	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
B1-100	14	6	2/4356	0,77	2/6826	0,80	-	-	-	-
B1-100	20	6	-	-	-	-	2/4925	0,79	2/18388	0,79



JUER-U





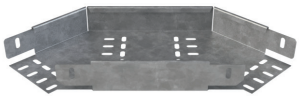
L > 100 m *
UNE-EN 61537
UNE-EN 50085

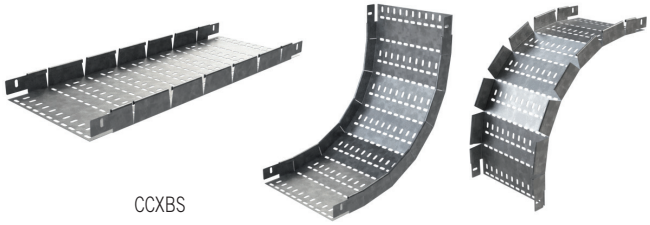
M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

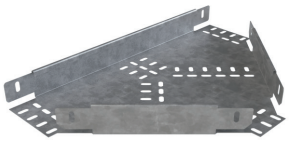
150°C
-50°C
UNE-EN 61537

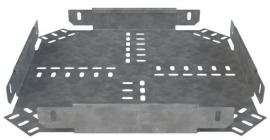
3 5-6
9B
UNE-EN 61537

20J
UNE-EN 61537
UNE-EN 50085


CPBS

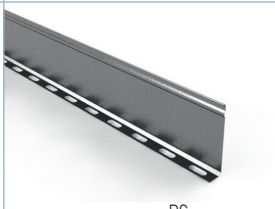

CCXBS


TEBS


CRBS

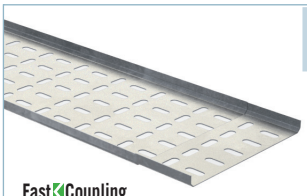

JUBS


JUBS-I


PS

		Filling Area											
B		H12 (1/2")		H18 (3/4")		H25 (1")		H50 (2")		H75 (3")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²	cm²	in²	cm²	in²
50	2	4	0,6	-	-	10	1,6	-	-	-	-	-	-
75	3	7	1,1	-	-	16	2,5	33	5,1	-	-	-	-
100	4	9	1,4	-	-	21	3,3	45	7,0	69	10,7	94	14,6
150	6	14	2,2	-	-	33	5,1	69	10,7	106	16,4	143	22,2
225	9	22	3,4	-	-	50	7,8	105	16,3	161	25,0	216	33,5
300	12	-	-	47	7,3	67	10,4	141	21,9	215	33,3	290	45,0
450	18	-	-	-	-	102	15,8	213	33,0	325	50,4	437	67,7
600	24	-	-	-	-	136	21,1	285	44,2	434	67,3	584	90,5
750	30	-	-	-	-	171	26,5	357	55,3	544	84,3	731	113,3
900	35	-	-	-	-	205	31,8	429	66,5	653	101,2	878	136,1

BS H12 / H18 Fast Coupling



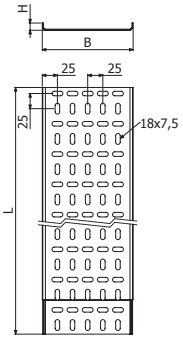
Fast Coupling

BS 75-225X12 / 300X18

L = 3 m

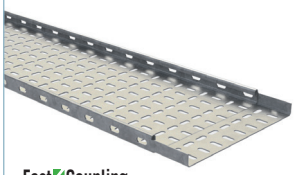
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
BS 75x12	75	3"	12	1/2"	0,8	2/3659	0,60	2/3848	0,70	0,8	2/14994	0,60
BS 100x12	100	4"	12	1/2"	0,8	2/3660	0,76	2/3849	0,88	0,8	2/14995	0,76
BS 150x12	150	6"	12	1/2"	0,8	2/3661	1,08	2/3850	1,25	0,8	2/14996	1,08
BS 225x12	225	9"	12	1/2"	0,8	2/3662	1,56	2/3851	1,81	0,8	2/14997	1,56
BS 300x18	300	12"	18	3/4"	1,2	2/3663	3,19	2/3852	3,57	1,2	2/14998	3,19

4/100 x B1 (2/4356 EZ // 2/6826 GC) (2/4925 i304 // 2/11271 i316)



BS 75-225X12 / 300X18

BS H25 Fast Coupling



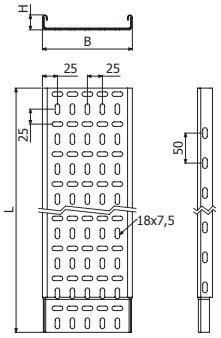
Fast Coupling

BS 75-600X25

L = 3 m

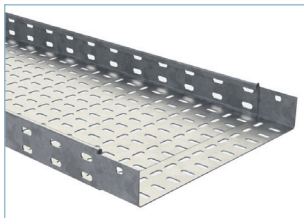
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
BS 75x25	75	3"	25	1"	0,7	2/3709	0,81	2/3904	0,95	0,8	2/15000	0,81
BS 100x25	100	4"	25	1"	0,7	2/3710	0,95	2/3905	1,11	0,8	2/15001	0,95
BS 150x25	150	6"	25	1"	0,8	2/3711	1,40	2/3906	1,62	0,8	2/15002	1,40
BS 225x25	225	9"	25	1"	0,8	2/3712	1,88	2/3907	2,18	0,8	2/15003	1,88
BS 300x25	300	12"	25	1"	1	2/3713	2,94	2/3908	3,35	1	2/15004	2,94
BS 450x25	450	18"	25	1"	1,2	2/3714	4,95	2/3909	5,54	1,2	2/15005	4,95
BS 600x25	600	24"	25	1"	1,2	2/3715	6,39	2/3910	7,16	1,2	2/15006	6,39

4/100 x B1 (2/4356 EZ // 2/6826 GC) (2/4925 i304 // 2/11271 i316)



BS 75-600x25

BS H50 Fast Coupling



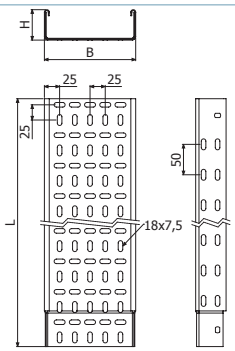
BS 75-600X50

Fast Coupling

L = 3 m

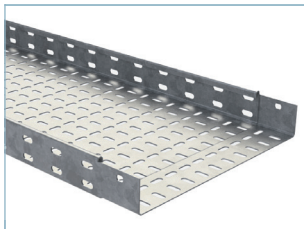
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
BS 75x50	75	3"	50	2"	0,8	2/3785	1,24	2/3980	1,44	0,8	2/15007	1,24
BS 100x50	100	4"	50	2"	0,8	2/3786	1,40	2/3981	1,62	0,8	2/15008	1,40
BS 150x50	150	6"	50	2"	0,8	2/3787	1,72	2/3982	2,00	0,8	2/15009	1,72
BS 225x50	225	9"	50	2"	1,2	2/3788	3,27	2/3983	3,66	1,2	2/15010	3,27
BS 300x50	300	12"	50	2"	1,2	2/3789	3,99	2/3984	4,47	1,2	2/15011	3,99
BS 450x50x1,5	450	18"	50	2"	1,5	2/3790	6,78	2/3985	7,46	1,2	2/15012	6,78
BS 600x50x1,5	600	24"	50	2"	1,5	2/3791	8,58	2/3986	9,44	1,2	2/15013	8,58

4/100 x B1 (2/4356 EZ // 2/6826 GC) (2/4925 i304 // 2/11271 i316)



BS 75-600X50

BS H50 / H75 / H100 Fast Coupling



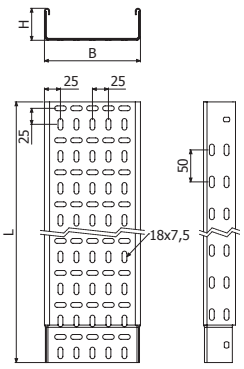
BS H50-H100X1,5

Fast Coupling

L = 3 m

	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BS 100x50x1,5	100	4"	50	2"	1,5	2/15446	2,84	2/18480	10,44	2/18494	16,44
BS 150x50x1,5	150	6"	50	2"	1,5	2/15447	3,50	2/18481	11,44	2/18495	17,44
BS 225x50x1,5	225	9"	50	2"	1,5	2/15448	4,49	2/18482	12,44	2/18496	18,44
BS 300x50x1,5	300	12"	50	2"	1,5	2/15449	5,48	2/18483	13,44	2/18497	19,44
BS 450x50x1,5	450	18"	50	2"	1,5	2/3985	7,46	2/18484	14,44	2/18498	20,44
BS 600x50x1,5	600	24"	50	2"	1,5	2/3986	9,44	2/18485	15,44	2/18499	21,44
BS 100x75x1,5	100	4"	75	3"	1,5	2/15454	3,50	2/18064	28,44	2/18394	34,44
BS 150x75x1,5	150	6"	75	3"	1,5	2/15455	4,16	2/18065	29,44	2/18395	35,44
BS 225x75x1,5	225	9"	75	3"	1,5	2/15456	5,15	2/18066	30,44	2/18396	36,44
BS 300x75x1,5	300	12"	75	3"	1,5	2/15457	6,14	2/18067	31,44	2/18397	37,44
BS 450x75x1,5	450	18"	75	3"	1,5	2/15458	8,12	2/18068	32,44	2/18398	38,44
BS 600x75x1,5	600	24"	75	3"	1,5	2/15459	10,10	2/18069	33,44	2/18399	39,44
BS 100x100x1,5	100	4"	100	4"	1,5	2/15462	4,16	2/18486	46,44	2/18500	52,44
BS 150x100x1,5	150	6"	100	4"	1,5	2/15463	4,82	2/18487	47,44	2/18501	53,44
BS 225x100x1,5	225	9"	100	4"	1,5	2/15464	5,81	2/18488	48,44	2/18502	54,44
BS 300x100x1,5	300	12"	100	4"	1,5	2/15465	6,80	2/18489	49,44	2/18503	55,44
BS 450x100x1,5	450	18"	100	4"	1,5	2/15466	8,78	2/18490	50,44	2/18504	56,44
BS 600x100x1,5	600	24"	100	4"	1,5	2/15467	10,76	2/18491	51,44	2/18505	57,44

4/100 x B1 (2/4356 EZ // 2/6826 GC) (2/4925 i304 // 2/11271 i316)



BS H50-H100X1,5

BS H12

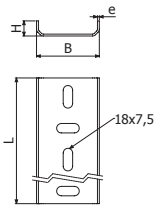


BS 50X12

L = 3 m

	B		H		e	GS		GC		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BS 50x12	50	2"	12	1/2"	0,8	2/3658	0,44	2/3847	0,51	2/14993	0,44

1 x JUBS-I



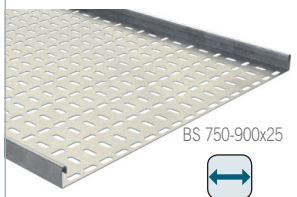
BS 50x12

BS H25



BS 50x25

L = 3 m



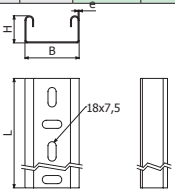
BS 750-900x25

L = 2 m

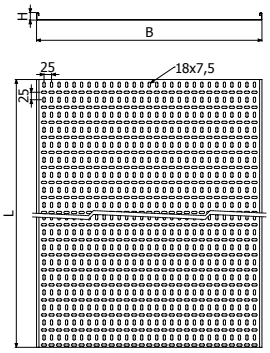
	B		H		e	GS		GC		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BS 50X25X1,5 3M	50	2"	25	1"	1,5	2/3708	0,67	2/3903	0,78	2/14999	0,67
BS 750x25x1,5 2M	750	30"	25	1"	1,5	2/3716	9,78	2/3911	10,76	-	-
BS 900x25x1,5 2M	900	36"	25	1"	1,5	2/3717	11,58	2/3912	12,74	-	-

BS 50 1 x JUBS-I

BS 750/900 2 x JUBS

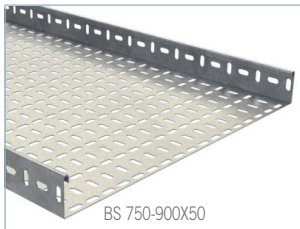


BS 50x25



BS 750-900x25

BS H50

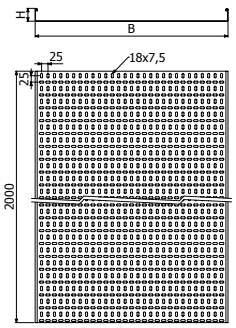


BS 750-900X50

L = 2 m

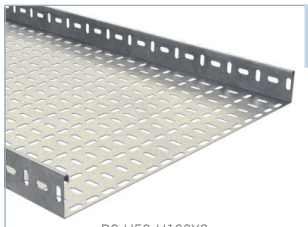
	B		H		e	GS		GC		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BS 750x50x1,5 2M	750	30"	50	2"	1,5	2/3792	10,38	2/3987	11,42	2/15014	10,38
BS 900x50x1,5 2M	900	36"	50	2"	1,5	2/3793	12,18	2/3988	13,40	2/15015	12,18

2 x JUBS



BS 750-900X50

BS H50 / H75 /H100

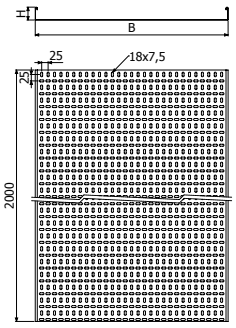


BS H50-H100X2

L = 2 m

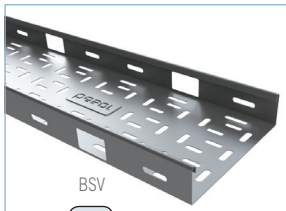
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BS 750x50x2 2M	750	30"	50	2"	2	2/15452	14,86
BS 900x50x2 2M	900	36"	50	2"	2	2/15453	17,44
BS 750x75x2 2M	750	30"	75	3"	2	2/15460	15,72
BS 900x75x2 2M	900	36"	75	3"	2	2/15461	18,30
BS 600x100x2 2M	600	24"	100	4"	2	2/15468	14,00
BS 750x100x2 2M	750	30"	100	4"	2	2/15469	16,58
BS 900x100x2 2M	900	36"	100	4"	2	2/15470	19,16

2 x JUBS



BS H50-H100X2

BSV

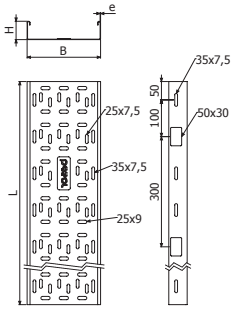


BSV

L = 3 m

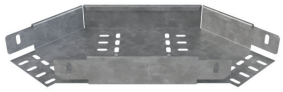
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BSV 50X50X0,8 3M	50	2"	50	2"	2	2/18534	0,99
BSV 100X50X0,8 3M	100	4"	50	2"	2	2/18535	1,28
BSV 150X50X0,8 3M	150	6"	50	2"	2	2/18536	1,54
BSV 200X50X0,8 3M	200	8"	50	2"	2	2/18537	1,81
BSV 300X50X0,8 3M	300	12"	50	2"	2	2/18538	2,34

2 x JUBS

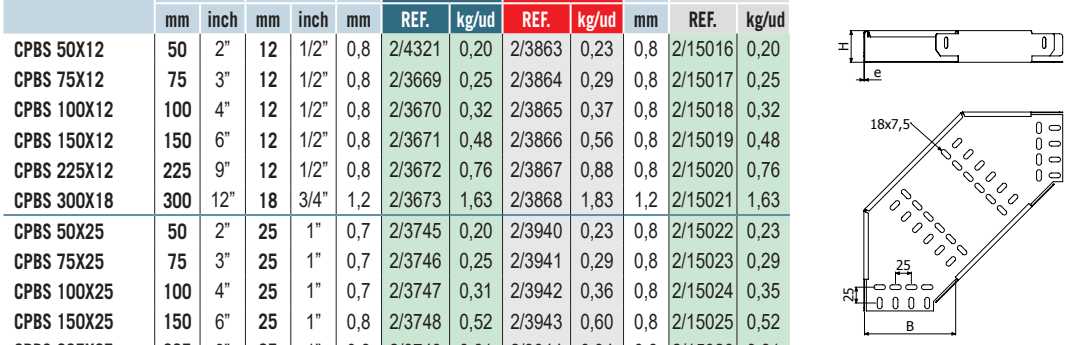


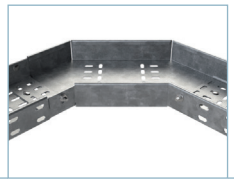
BS H50-H100X2

CPBS



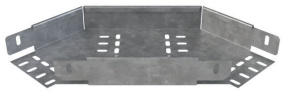
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
CPBS 50X12	50	2"	12	1/2"	0,8	2/4321	0,20	2/3863	0,23	0,8	2/15016	0,20
CPBS 75X12	75	3"	12	1/2"	0,8	2/3669	0,25	2/3864	0,29	0,8	2/15017	0,25
CPBS 100X12	100	4"	12	1/2"	0,8	2/3670	0,32	2/3865	0,37	0,8	2/15018	0,32
CPBS 150X12	150	6"	12	1/2"	0,8	2/3671	0,48	2/3866	0,56	0,8	2/15019	0,48
CPBS 225X12	225	9"	12	1/2"	0,8	2/3672	0,76	2/3867	0,88	0,8	2/15020	0,76
CPBS 300X18	300	12"	18	3/4"	1,2	2/3673	1,63	2/3868	1,83	1,2	2/15021	1,63
CPBS 50X25	50	2"	25	1"	0,7	2/3745	0,20	2/3940	0,23	0,8	2/15022	0,23
CPBS 75X25	75	3"	25	1"	0,7	2/3746	0,25	2/3941	0,29	0,8	2/15023	0,29
CPBS 100X25	100	4"	25	1"	0,7	2/3747	0,31	2/3942	0,36	0,8	2/15024	0,35
CPBS 150X25	150	6"	25	1"	0,8	2/3748	0,52	2/3943	0,60	0,8	2/15025	0,52
CPBS 225X25	225	9"	25	1"	0,8	2/3749	0,81	2/3944	0,94	0,8	2/15026	0,81
CPBS 300X25	300	12"	25	1"	1	2/3750	1,46	2/3945	1,66	1	2/15027	1,46
CPBS 450X25	450	18"	25	1"	1,2	2/3751	3,09	2/3946	3,46	1,2	2/15028	3,09
CPBS 600X25	600	24"	25	1"	1,2	2/3752	4,78	2/3947	5,35	1,2	2/15029	4,78
CPBS 750X25	750	30"	25	1"	1,5	2/3753	8,54	2/3948	9,39	1,5	2/11309	8,54
CPBS 900X25	900	36"	25	1"	1,5	2/3754	11,55	2/3949	12,71	1,5	2/11310	11,55
CPBS 75X50	75	3"	50	2"	0,8	2/3811	0,39	2/4006	0,45	0,8	2/15030	0,39
CPBS 100X50	100	4"	50	2"	0,8	2/3812	0,47	2/4007	0,55	0,8	2/15031	0,47
CPBS 150X50	150	6"	50	2"	0,8	2/3813	0,64	2/4008	0,74	0,8	2/15032	0,64
CPBS 225X50	225	9"	50	2"	1,2	2/3814	1,44	2/4009	1,61	1,2	2/15033	1,44
CPBS 300X50	300	12"	50	2"	1,2	2/3815	2,01	2/4010	2,25	1,2	2/15034	2,01
CPBS 450X50x1,5	450	18"	50	2"	1,5	2/3816	4,26	2/4011	4,69	1,5	2/15035	4,26
CPBS 600X50x1,5	600	24"	50	2"	1,5	2/3817	6,45	2/4012	7,10	1,5	2/15036	6,45
CPBS 750X50x1,5	750	30"	50	2"	1,5	2/3818	9,10	2/4013	10,01	1,5	2/15037	9,10
CPBS 900X50x1,5	900	36"	50	2"	1,5	2/3819	12,19	2/4014	13,41	1,5	2/15038	12,19



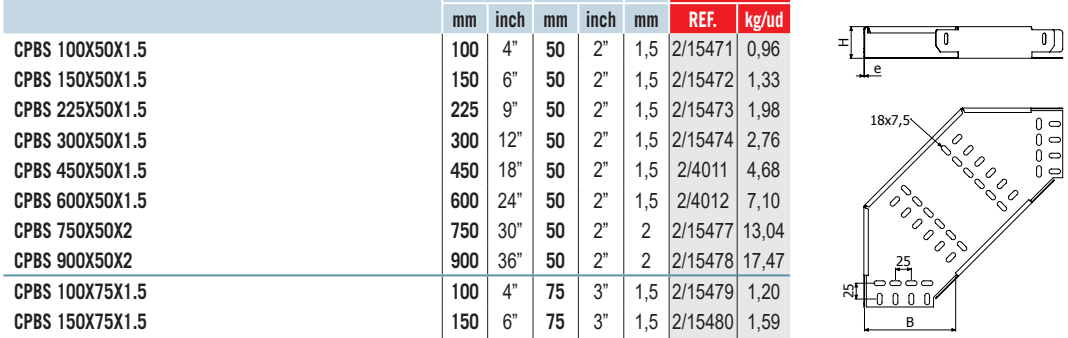


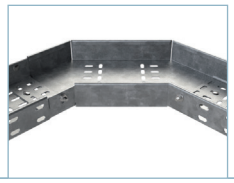
4/100 x B1 (2/4356 EZ // 2/6826 GC // 2/18388 I316)

CPBS Extra Heavy Duty



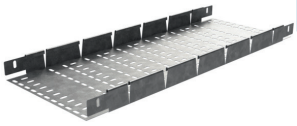
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPBS 100X50X1.5	100	4"	50	2"	1,5	2/15471	0,96
CPBS 150X50X1.5	150	6"	50	2"	1,5	2/15472	1,33
CPBS 225X50X1.5	225	9"	50	2"	1,5	2/15473	1,98
CPBS 300X50X1.5	300	12"	50	2"	1,5	2/15474	2,76
CPBS 450X50X1.5	450	18"	50	2"	1,5	2/4011	4,68
CPBS 600X50X1.5	600	24"	50	2"	1,5	2/4012	7,10
CPBS 750X50X2	750	30"	50	2"	2	2/15477	13,04
CPBS 900X50X2	900	36"	50	2"	2	2/15478	17,47
CPBS 100X75X1.5	100	4"	75	3"	1,5	2/15479	1,20
CPBS 150X75X1.5	150	6"	75	3"	1,5	2/15480	1,59
CPBS 225X75X1.5	225	9"	75	3"	1,5	2/15481	2,29
CPBS 300X75X1.5	300	12"	75	3"	1,5	2/15482	3,10
CPBS 450X75X1.5	450	18"	75	3"	1,5	2/15483	5,11
CPBS 600X75X1.5	600	24"	75	3"	1,5	2/15484	7,65
CPBS 750X75X2	750	30"	75	3"	2	2/15485	13,81
CPBS 900X75X2	900	36"	75	3"	2	2/15486	18,34
CPBS 100X100X1.5	100	4"	100	4"	1,5	2/15487	1,43
CPBS 150X100X1.5	150	6"	100	4"	1,5	2/15488	1,85
CPBS 225X100X1.5	225	9"	100	4"	1,5	2/15489	2,59
CPBS 300X100X1.5	300	12"	100	4"	1,5	2/15490	3,45
CPBS 450X100X1.5	450	18"	100	4"	1,5	2/15491	5,54
CPBS 600X100X1.5	600	24"	100	4"	1,5	2/15492	8,12
CPBS 600X100X2	600	24"	100	4"	2	2/15493	10,58
CPBS 750X100X2	750	30"	100	4"	2	2/15494	14,58
CPBS 900X100X2	900	36"	100	4"	2	2/15495	19,22





4/100 x B1 (2/6826 GC)

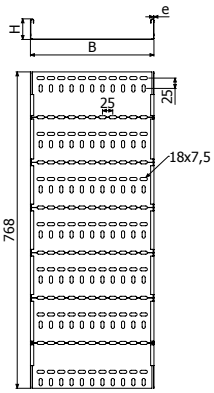
CCXBS

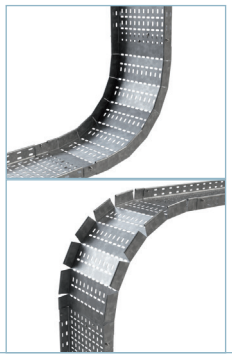


	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
CCXBS 50X12	50	2”	12	1/2”	0,8	2/4229	0,36	2/4258	0,41	0,8	2/15039	0,36
CCXBS 75X12	75	3”	12	1/2”	0,8	2/4230	0,48	2/4259	0,56	0,8	2/15040	0,48
CCXBS 100X12	100	4”	12	1/2”	0,8	2/4231	0,60	2/4260	0,70	0,8	2/15041	0,60
CCXBS 150X12	150	6”	12	1/2”	0,8	2/4232	0,85	2/4261	0,98	0,8	2/15042	0,85
CCXBS 225X12	225	9”	12	1/2”	0,8	2/4233	1,22	2/4262	1,41	0,8	2/15043	1,22
CCXBS 300X18	300	12”	18	3/4”	1,2	2/4234	2,46	2/4263	2,75	1,2	2/15044	2,46
CCXBS 50X25	50	2”	25	1”	0,7	2/4239	0,50	2/4268	0,58	0,8	2/15045	0,57
CCXBS 75X25	75	3”	25	1”	0,7	2/4240	0,60	2/4269	0,71	0,8	2/15046	0,69
CCXBS 100X25	100	4”	25	1”	0,7	2/4241	0,71	2/4270	0,83	0,8	2/15047	0,81
CCXBS 150X25	150	6”	25	1”	0,8	2/4242	1,06	2/4271	1,23	0,8	2/15048	1,06
CCXBS 225X25	225	9”	25	1”	0,8	2/4243	1,43	2/4272	1,66	0,8	2/15049	1,43
CCXBS 300X25	300	12”	25	1”	1	2/4244	2,25	2/4273	2,57	1	2/15050	2,25
CCXBS 450X25	450	18”	25	1”	1,2	2/4245	3,81	2/4274	4,27	1,2	2/15051	3,81
CCXBS 600X25	600	24”	25	1”	1,2	2/4246	4,92	2/4275	5,51	1,2	2/15052	4,92
CCXBS 750X25x1,5	750	30”	25	1”	1,5	2/4247	7,54	2/4276	8,29	1,5	2/11349	7,54
CCXBS 900X25x1,5	900	36”	25	1”	1,5	2/4248	8,93	2/4277	9,82	1,5	2/11350	8,93
CCXBS 75X50	75	3”	50	2”	0,8	2/4249	0,94	2/4278	1,09	0,8	2/15053	0,94
CCXBS 100X50	100	4”	50	2”	0,8	2/4250	1,06	2/4279	1,23	0,8	2/15054	1,06
CCXBS 150X50	150	6”	50	2”	0,8	2/4251	1,31	2/4280	1,52	0,8	2/15055	1,31
CCXBS 225X50	225	9”	50	2”	1,2	2/4252	2,52	2/4281	2,82	1,2	2/15056	2,52
CCXBS 300X50	300	12”	50	2”	1,2	2/4253	3,07	2/4282	3,44	1,2	2/15057	3,07
CCXBS 450X50x1,5	450	18”	50	2”	1,5	2/4254	5,23	2/4283	5,75	1,5	2/15058	5,23
CCXBS 600X50x1,5	600	24”	50	2”	1,5	2/4255	6,62	2/4284	7,28	1,5	2/15059	6,62
CCXBS 750X50x1,5	750	30”	50	2”	1,5	2/4256	8,00	2/4285	8,80	1,5	2/15060	8,00
CCXBS 900X50x1,5	900	36”	50	2”	1,5	2/4257	9,39	2/4286	10,33	1,5	2/15061	9,39

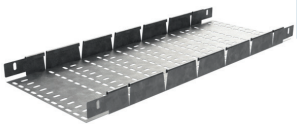


4/100 x B1 (2/4356 EZ // 2/6826 GC // 2/18388 I316)





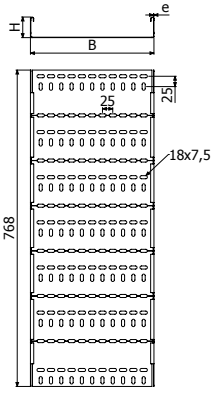
CCXBS Extra Heavy Duty

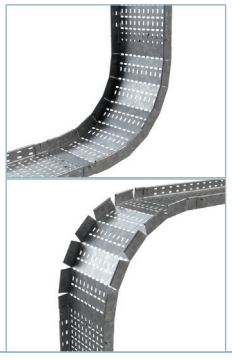


	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCXBS 100X50X1,5	100	4”	50	2”	1,5	2/15496	2,19
CCXBS 150X50X1,5	150	6”	50	2”	1,5	2/15497	2,70
CCXBS 225X50X1,5	225	9”	50	2”	1,5	2/15498	3,46
CCXBS 300X50X1,5	300	12”	50	2”	1,5	2/15499	4,22
CCXBS 450X50X1,5	450	18”	50	2”	1,5	2/4283	5,75
CCXBS 600X50X1,5	600	24”	50	2”	1,5	2/4284	7,28
CCXBS 750X50X2	750	30”	50	2”	2	2/15502	11,47
CCXBS 900X50X2	900	36”	50	2”	2	2/15503	13,46
CCXBS 100X75X1,5	100	4”	75	3”	1,5	2/15504	2,70
CCXBS 150X75X1,5	150	6”	75	3”	1,5	2/15505	3,21
CCXBS 225X75X1,5	225	9”	75	3”	1,5	2/15506	3,97
CCXBS 300X75X1,5	300	12”	75	3”	1,5	2/15507	4,73
CCXBS 450X75X1,5	450	18”	75	3”	1,5	2/15508	6,26
CCXBS 600X75X1,5	600	24”	75	3”	1,5	2/15509	7,79
CCXBS 750X75X2	750	30”	75	3”	2	2/15510	12,13
CCXBS 900X75X2	900	36”	75	3”	2	2/15511	14,12
CCXBS 100X100X1,5	100	4”	100	4”	1,5	2/15512	3,21
CCXBS 150X100X1,5	150	6”	100	4”	1,5	2/15513	3,71
CCXBS 225X100X1,5	225	9”	100	4”	1,5	2/15514	4,48
CCXBS 300X100X1,5	300	12”	100	4”	1,5	2/15515	5,24
CCXBS 450X100X1,5	450	18”	100	4”	1,5	2/15516	6,77
CCXBS 600X100X1,5	600	24”	100	4”	1,5	2/15517	8,29
CCXBS 600X100X2	600	24”	100	4”	2	2/15518	10,81
CCXBS 750X100X2	750	30”	100	4”	2	2/15519	12,80
CCXBS 900X100X2	900	36”	100	4”	2	2/15520	14,79

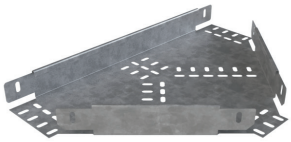


4/100 x B1 (2/6826 GC)

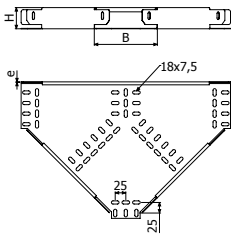




TEBS

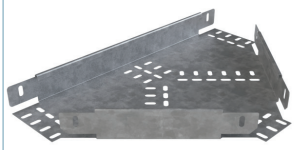


	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
TEBS 50X12	50	2"	12	1/2"	0,8	2/3688	0,47	2/3883	0,54	0,8	2/15085	0,47
TEBS 75X12	75	3"	12	1/2"	0,8	2/3689	0,55	2/3884	0,64	0,8	2/15086	0,55
TEBS 100X12	100	4"	12	1/2"	0,8	2/3690	0,63	2/3885	0,73	0,8	2/15087	0,63
TEBS 150X12	150	6"	12	1/2"	0,8	2/3691	0,82	2/3886	0,95	0,8	2/15088	0,82
TEBS 225X12	225	9"	12	1/2"	0,8	2/3692	1,15	2/3887	1,34	0,8	2/15089	1,15
TEBS 300X18	300	12"	18	3/4"	1,2	2/3693	2,33	2/3888	2,61	1,2	2/15090	2,33
TEBS 50X25	50	2"	25	1"	0,7	2/3765	0,45	2/3960	0,52	0,8	2/15091	0,51
TEBS 75X25	75	3"	25	1"	0,7	2/3766	0,52	2/3961	0,61	0,8	2/15092	0,59
TEBS 100X25	100	4"	25	1"	0,7	2/3767	0,60	2/3962	0,70	0,8	2/15093	0,69
TEBS 150X25	150	6"	25	1"	0,8	2/3768	0,88	2/3963	1,02	0,8	2/15094	0,88
TEBS 225X25	225	9"	25	1"	0,8	2/3769	1,21	2/3964	1,41	0,8	2/15095	1,21
TEBS 300X25	300	12"	25	1"	1	2/3770	2,01	2/3965	2,29	1	2/15096	2,01
TEBS 450X25	450	18"	25	1"	1,2	2/3771	3,83	2/3966	4,29	1,2	2/15097	3,83
TEBS 600X25	600	24"	25	1"	1,2	2/3772	5,57	2/3967	6,24	1,2	2/15098	5,57
TEBS 750X25x1,5	750	30"	25	1"	1,5	2/3773	9,55	2/3968	10,50	1,5	2/15066	9,55
TEBS 900X25x1,5	900	36"	25	1"	1,5	2/3774	12,53	2/3969	13,79	1,5	2/15067	12,53
TEBS 75X50	75	3"	50	2"	0,8	2/3829	0,70	2/4024	0,81	0,8	2/15099	0,70
TEBS 100X50	100	4"	50	2"	0,8	2/3830	0,80	2/4025	0,92	0,8	2/15100	0,80
TEBS 150X50	150	6"	50	2"	0,8	2/3831	1,00	2/4026	1,16	0,8	2/15101	1,00
TEBS 225X50	225	9"	50	2"	1,2	2/3832	2,05	2/4027	2,30	1,2	2/15102	2,05
TEBS 300X50	300	12"	50	2"	1,2	2/3833	2,67	2/4028	2,99	1,2	2/15103	2,67
TEBS 450X50x1,5	450	18"	50	2"	1,5	2/3834	5,20	2/4029	5,72	1,5	2/15104	5,20
TEBS 600X50x1,5	600	24"	50	2"	1,5	2/3835	7,46	2/4030	8,20	1,5	2/15105	7,46
TEBS 750X50x1,5	750	30"	50	2"	1,5	2/3836	10,12	2/4031	11,14	1,5	2/15106	10,12
TEBS 900X50x1,5	900	36"	50	2"	1,5	2/3837	13,20	2/4032	14,51	1,5	2/15107	13,20

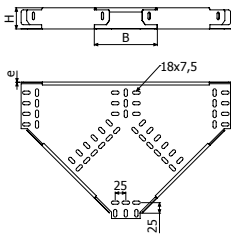


4/100 x B1 (2/4356 EZ // 2/6826 GC // 2/18388 I316)

TEBS Extra Heavy Duty

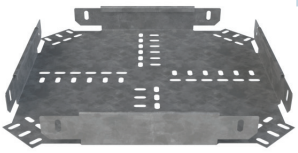


	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TEBS 100X50X1,5	100	4"	50	2"	1,5	2/15546	1,64
TEBS 150X50X1,5	150	6"	50	2"	1,5	2/15547	2,08
TEBS 225X50X1,5	225	9"	50	2"	1,5	2/15548	2,82
TEBS 300X50X1,5	300	12"	50	2"	1,5	2/15549	3,67
TEBS 450X50X1,5	450	18"	50	2"	1,5	2/4029	5,72
TEBS 600X50X1,5	600	24"	50	2"	1,5	2/4030	8,20
TEBS 750X50X2	750	30"	50	2"	2	2/15552	14,51
TEBS 900X50X2	900	36"	50	2"	2	2/15553	18,91
TEBS 100X75X1,5	100	4"	75	3"	1,5	2/15554	1,90
TEBS 150X75X1,5	150	6"	75	3"	1,5	2/15555	2,36
TEBS 225X75X1,5	225	9"	75	3"	1,5	2/15556	3,15
TEBS 300X75X1,5	300	12"	75	3"	1,5	2/15557	4,05
TEBS 450X75X1,5	450	18"	75	3"	1,5	2/15558	6,18
TEBS 600X75X1,5	600	24"	75	3"	1,5	2/15559	8,76
TEBS 750X75X2	750	30"	75	3"	2	2/15560	15,35
TEBS 900X75X2	900	36"	75	3"	2	2/15561	19,87
TEBS 100X100X1,5	100	4"	100	4"	1,5	2/15562	2,16
TEBS 150X100X1,5	150	6"	100	4"	1,5	2/15563	2,66
TEBS 225X100X1,5	225	9"	100	4"	1,5	2/15564	3,49
TEBS 300X100X1,5	300	12"	100	4"	1,5	2/15565	4,44
TEBS 450X100X1,5	450	18"	100	4"	1,5	2/15566	6,66
TEBS 600X100X1,5	600	24"	100	4"	1,5	2/15567	9,33
TEBS 600X100X2	600	24"	100	4"	2	2/15568	12,15
TEBS 750X100X2	750	30"	100	4"	2	2/15569	16,21
TEBS 900X100X2	900	36"	100	4"	2	2/15570	20,85

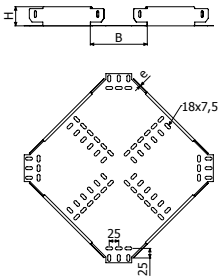


4/100 x B1 (2/6826 GC)

CRBS

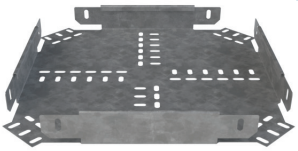


	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
CRBS 50X12	50	2"	12	1/2"	0,8	2/3698	0,72	2/3893	0,84	0,8	2/15108	0,72
CRBS 75X12	75	3"	12	1/2"	0,8	2/3699	0,82	2/3894	0,95	0,8	2/15109	0,82
CRBS 100X12	100	4"	12	1/2"	0,8	2/3700	0,92	2/3895	1,06	0,8	2/15110	0,92
CRBS 150X12	150	6"	12	1/2"	0,8	2/3701	1,14	2/3896	1,32	0,8	2/15111	1,14
CRBS 225X12	225	9"	12	1/2"	0,8	2/3702	1,51	2/3897	1,75	0,8	2/15112	1,51
CRBS 300X18	300	12"	18	3/4"	1,2	2/3703	2,91	2/3898	3,26	1,2	2/15113	2,91
CRBS 50X25	50	2"	25	1"	0,7	2/3775	0,63	2/3970	0,74	0,8	2/15114	0,72
CRBS 75X25	75	3"	25	1"	0,7	2/3776	0,71	2/3971	0,84	0,8	2/15115	0,81
CRBS 100X25	100	4"	25	1"	0,7	2/3777	0,80	2/3972	0,94	0,8	2/15116	0,91
CRBS 150X25	150	6"	25	1"	0,8	2/3778	1,14	2/3973	1,32	0,8	2/15117	1,14
CRBS 225X25	225	9"	25	1"	0,8	2/3779	1,51	2/3974	1,75	0,8	2/15118	1,51
CRBS 300X25	300	12"	25	1"	1	2/3780	2,42	2/3975	2,76	1	2/15119	2,42
CRBS 450X25	450	18"	25	1"	1,2	2/3781	4,43	2/3976	4,97	1,2	2/15120	4,43
CRBS 600X25	600	24"	25	1"	1,2	2/3782	6,28	2/3977	7,03	1,2	2/15121	6,28
CRBS 750X25x1,5	750	30"	25	1"	1,5	2/3783	10,55	2/3978	11,61	1,5	2/15072	10,55
CRBS 900X25x1,5	900	36"	25	1"	1,5	2/3784	13,65	2/3979	15,02	1,5	2/15073	13,65
CRBS 75X50	75	3"	50	2"	0,8	2/3838	0,89	2/4033	1,03	0,8	2/15122	0,89
CRBS 100X50	100	4"	50	2"	0,8	2/3839	0,99	2/4034	1,15	0,8	2/15123	0,99
CRBS 150X50	150	6"	50	2"	0,8	2/3840	1,22	2/4035	1,42	0,8	2/15124	1,22
CRBS 225X50	225	9"	50	2"	1,2	2/3841	2,41	2/4036	2,70	1,2	2/15125	2,41
CRBS 300X50	300	12"	50	2"	1,2	2/3842	3,08	2/4037	3,44	1,2	2/15126	3,08
CRBS 450X50x1,5	450	18"	50	2"	1,5	2/3843	5,80	2/4038	6,38	1,5	2/15127	5,80
CRBS 600X50x1,5	600	24"	50	2"	1,5	2/3844	8,15	2/4039	8,96	1,5	2/15128	8,15
CRBS 750X50x1,5	750	30"	50	2"	1,5	2/3845	10,90	2/4040	11,99	1,5	2/15129	10,90
CRBS 900X50x1,5	900	36"	50	2"	1,5	2/3846	14,05	2/4041	15,46	1,5	2/15130	14,05

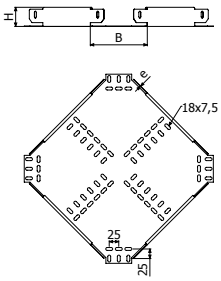


4/100 x B1 (2/4356 EZ // 2/6826 GC // 2/18388 I316)

CRBS Extra Heavy Duty

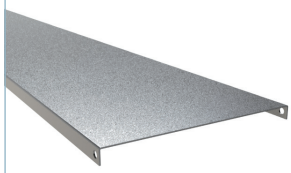


	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CRBS 100X50X1,5	100	4"	50	2"	1,5	2/15571	2,05
CRBS 150X50X1,5	150	6"	50	2"	1,5	2/15572	2,52
CRBS 225X50X1,5	225	9"	50	2"	1,5	2/15573	3,32
CRBS 300X50X1,5	300	12"	50	2"	1,5	2/15574	4,23
CRBS 450X50X1,5	450	18"	50	2"	1,5	2/4038	6,38
CRBS 600X50X1,5	600	24"	50	2"	1,5	2/4039	8,96
CRBS 750X50X2	750	30"	50	2"	2	2/15577	15,63
CRBS 900X50X2	900	36"	50	2"	2	2/15578	20,14
CRBS 100X75X1,5	100	4"	75	3"	1,5	2/15579	2,21
CRBS 150X75X1,5	150	6"	75	3"	1,5	2/15580	2,70
CRBS 225X75X1,5	225	9"	75	3"	1,5	2/15581	3,53
CRBS 300X75X1,5	300	12"	75	3"	1,5	2/15582	4,46
CRBS 450X75X1,5	450	18"	75	3"	1,5	2/15583	6,66
CRBS 600X75X1,5	600	24"	75	3"	1,5	2/15584	9,30
CRBS 750X75X2	750	30"	75	3"	2	2/15585	16,14
CRBS 900X75X2	900	36"	75	3"	2	2/15586	20,72
CRBS 100X100X1,5	100	4"	100	4"	1,5	2/15587	2,38
CRBS 150X100X1,5	150	6"	100	4"	1,5	2/15588	2,89
CRBS 225X100X1,5	225	9"	100	4"	1,5	2/15589	3,74
CRBS 300X100X1,5	300	12"	100	4"	1,5	2/15590	4,70
CRBS 450X100X1,5	450	18"	100	4"	1,5	2/15591	6,96
CRBS 600X100X1,5	600	24"	100	4"	1,5	2/15592	9,65
CRBS 600X100X2	600	24"	100	4"	2	2/15593	12,58
CRBS 750X100X2	750	30"	100	4"	2	2/15594	16,66
CRBS 900X100X2	900	36"	100	4"	2	2/15595	21,31



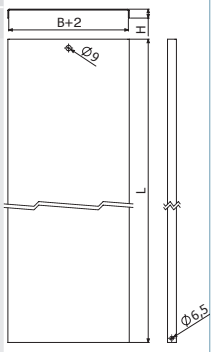
4/100 x B1 (2/6826 GC)

TBS



L = 3 m (10 ft)
L = 2 m (6,56 ft)

	L		B		H		e	GS		GC		i304		i316	
	m	ft	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
TBS 75X1 3M	3	10	75	3"	15	3/5"	1	2/15521	0,89	2/15530	0,98				
TBS 100X1 3M	3	10	100	4"	15	3/5"	1	2/15522	1,09	2/15531	1,20				
TBS 150X1 3M	3	10	150	6"	15	3/5"	1	2/15523	1,49	2/15532	1,64				
TBS 225X1 3M	3	10	225	9"	15	3/5"	1	2/15524	2,09	2/15533	2,30				
TBS 300X1 3M	3	10	300	12"	15	3/5"	1	2/15525	2,69	2/15534	2,96	☎	☎	☎	☎
TBS 450X1.2 3M	3	10	450	18"	15	3/5"	1,2	2/15526	4,67	2/15535	5,13				
TBS 600X1.2 3M	3	10	600	24"	15	3/5"	1,2	2/15527	6,11	2/15536	6,72				
TBS 750X1.5 2M	2	6,56	750	30"	15	3/5"	1,5	2/15528	9,43	2/15537	10,38				
TBS 900X1.5 2M	2	6,56	900	36"	15	3/5"	1,5	2/15529	11,23	2/15538	12,36				
TBS 100X1,5 3M	3	10	100	4"	15	3/5"	1,5					2/18070	13,36	2/18400	13,36
TBS 150X1,5 3M	3	10	150	6"	15	3/5"	1,5					2/18071	14,36	2/18401	14,36
TBS 225X1,5 3M	3	10	225	9"	15	3/5"	1,5					2/18072	15,36	2/18402	15,36
TBS 300X1,5 3M	3	10	300	12"	15	3/5"	1,5	☎	☎	☎	☎	2/18073	16,36	2/18403	16,36
TBS 450X1,5 3M	3	10	450	18"	15	3/5"	1,5					2/18074	17,36	2/18404	17,36
TBS 600X1,5 3M	3	10	600	24"	15	3/5"	1,5					2/18075	18,36	2/18405	18,36

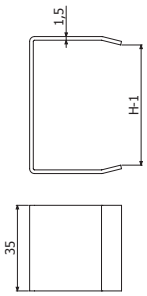


PTU



	H		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud
PTU H12	12	1/2"	2/14474	0,04	2/3998	0,04
PTU H25	25	1"	2/14476	0,05	2/3999	0,05
PTU H50	50	2"	2/3465	0,06	2/4000	0,06
PTU H75	75	3"	2/14475	0,07	2/4001	0,07
PTU H100	100	4"	2/3466	0,08	2/4002	0,08

4 x PTU => 1 x TBS



JUBS

	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBS 25	25	1"	2/3724	0,25	2/3919	0,27	☎	☎	2/15134	0,25
JUBS 50	50	2"	2/3801	0,36	2/3996	0,39	2/18492	0,36	2/15135	0,36
JUBS 75	75	3"	☎	☎	2/15598	0,51	2/18076	0,59	2/18406	0,59
JUBS 100	100	4"			2/15599	0,63	2/18493	0,58	2/18506	0,58

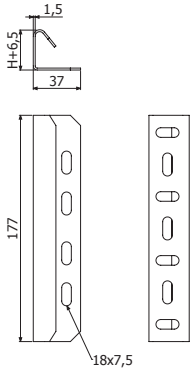
4/100 x B1 (2/4356 EZ / 2/6826 GC / 2/4925-i304 / 2/18388-i316)



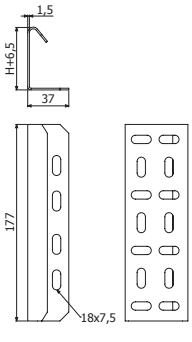
JUBS 25



JUBS 50 / JUBS 75 / JUBS 100

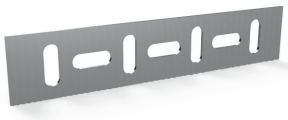


JUBS 25



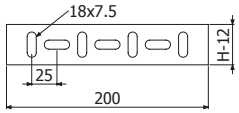
JUBS 50 / JUBS 75 / JUBS 100

JUBS-I



	H		GS		GC		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBS-I 12 / 25 / 50	50	2"	2/3800	0,06	2/3995	0,07	2/15133	0,06
JUBS-I 75	75	3"	☎	☎	2/15596	0,08	☎	☎
JUBS-I 100	100	4"			2/15475	0,09		

4/100 x B1 (2/4356 EZ // 2/6826 GC // 2/18388 I316)

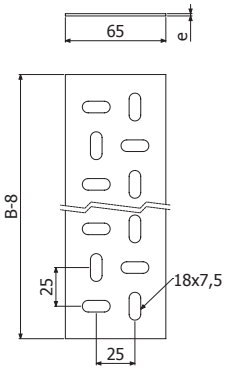


UCBS

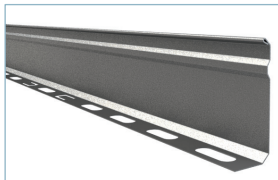


	B		e	GC	
	mm	inch	mm	REF.	kg/m
UCBS 75	75	3"	1,5	2/14480	0,05
UCBS 100	100	4"	1,5	2/14481	0,07
UCBS 150	150	6"	1,5	2/14482	0,10
UCBS 225	225	9"	1,5	2/14483	0,16
UCBS 300	300	12"	1,5	2/14484	0,21
UCBS 450	450	18"	1,5	2/14485	0,32
UCBS 600	600	24"	1,5	2/14486	0,43
UCBS 750	750	30"	1,5	2/14487	0,53
UCBS 900	900	36"	1,5	2/14488	0,64

4/100 x B1 (2/6826 - GC)



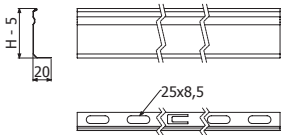
PS



	H		GS		GC		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
PS 35	35	1 3/8"	2/3476	0,29	2/3479	0,29	2/15544	0,29
PS 60	60	2 3/8"	2/2066	0,34	2/3480	0,43	2/15545	0,34
PS 100	100	4"	2/3478	0,56	2/3482	0,76	2/15500	0,56

1/100 x B1 (500 ↔ 500 mm) (2/4356 - GS // 2/6826 - GC // 2/18388 I316)

L = 3 m (10 ft)

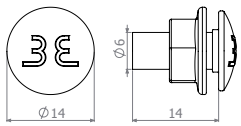


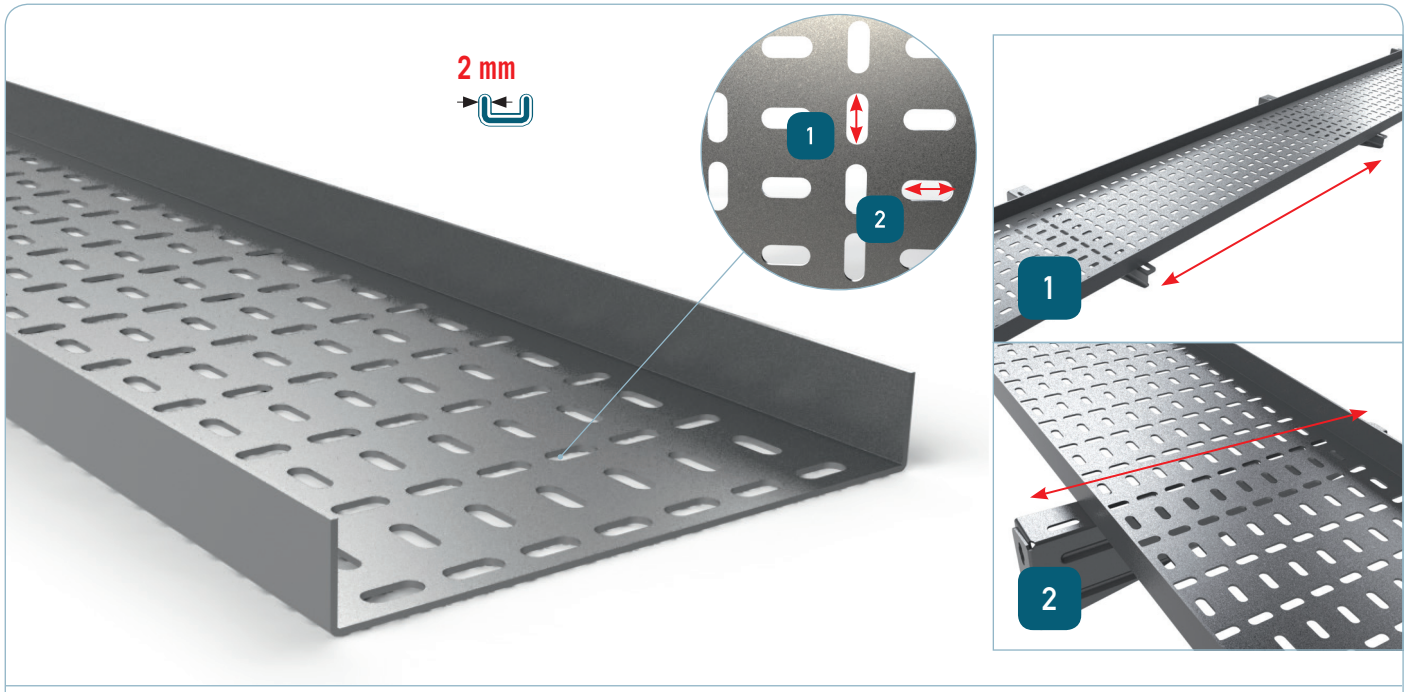
B1



	EZ		GC		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
B1-100	2/4356	0,77	2/6826	0,80	2/18388	0,77

10





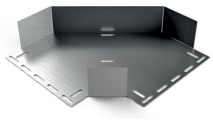
L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

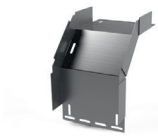
150°C
-50°C
UNE-EN 61537

6 7-8
UNE-EN 61537

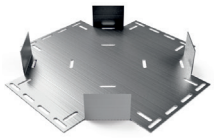
20J
UNE-EN 61537


CPU


CCU


CXU


TEU


CRU

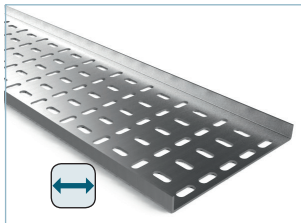

JUE


PTU


B1

B		Filling Area					
		H20 (4/5")		H30 (1 1/6")		H50 (2")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
50	2"	8	1,2	13	2	22	3,4
100	4"	17	2,6	27	4,2	46	7,1
150	6"	26	4	41	6,3	70	10,8
200	8"	35	5,4	55	8,5	94	14,6
300	12"	53	8,2	83	12,9	142	22
400	16"	-	-	-	-	190	29,4
500	20"	-	-	-	-	238	36,9
600	24"	-	-	-	-	286	44,3

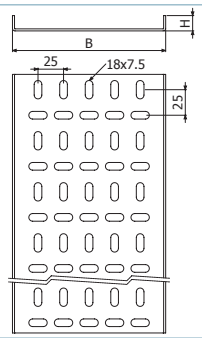
U H15



L = 2 m (6,56 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
U 50x15x2 2M	50	2"	15	3/5"	2	2/0569	1,15
U 100x15x2 2M	100	4"	15	3/5"	2	2/0570	1,84
U 150x15x2 2M	150	6"	15	3/5"	2	2/0571	2,54
U 200x15x2 2M	200	8"	15	3/5"	2	2/0572	3,23
U 300x15x2 2M	300	12"	15	3/5"	2	2/0573	4,61

2 x JUE 12 (2/3186 - GC)



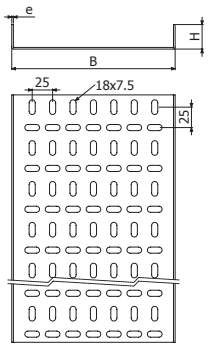
U H30



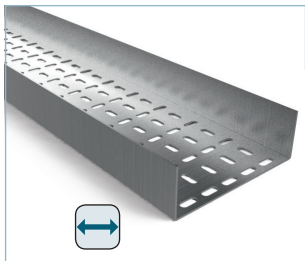
L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
U 50x30x2 3M	50	2"	30	1 1/6"	2	2/0577	1,67
U 100x30x2 3M	100	4"	30	1 1/6"	2	2/0578	2,36
U 150x30x2 3M	150	6"	30	1 1/6"	2	2/0579	3,05
U 200x30x2 3M	200	8"	30	1 1/6"	2	2/0580	3,74
U 300x30x2 3M	300	12"	30	1 1/6"	2	2/0581	5,12
U 400x30x2 3M	400	16"	30	1 1/6"	2	2/0582	6,80
U 500x30x2 3M	500	20"	30	1 1/6"	2	2/0583	8,96
U 600x30x2 3M	600	24"	30	1 1/6"	2	2/0584	9,04

2 x JUE 25 (2/3187- GC)



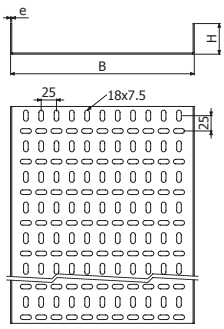
U H50



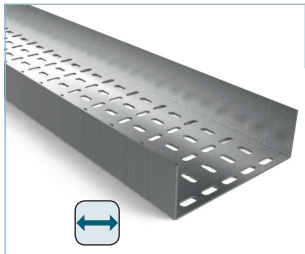
L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
U 50x50x2 3M	50	2"	50	2"	2	2/0585	2,36
U 100x50x2 3M	100	4"	50	2"	2	2/0586	3,05
U 150x50x2 3M	150	6"	50	2"	2	2/0587	3,74
U 200x50x2 3M	200	8"	50	2"	2	2/0588	4,43
U 300x50x2 3M	300	12"	50	2"	2	2/0589	5,81
U 400x50x2 3M	400	16"	50	2"	2	2/0590	7,28
U 500x50x2 3M	500	20"	50	2"	2	2/0591	8,66
U 600x50x2 3M	600	24"	50	2"	2	2/0592	10,04

2 x JUE 45 (2/3655 - GC)



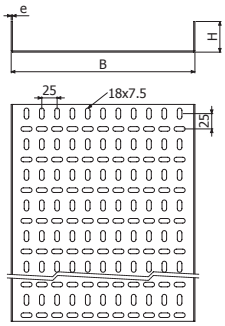
U H60



L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
U 100x60x2 3M	100	4”	60	2 1/3”	2	2/0593	3,43
U 150x60x2 3M	150	6”	60	2 1/3”	2	2/0594	4,10
U 200x60x2 3M	200	8”	60	2 1/3”	2	2/0595	4,77
U 300x60x2 3M	300	12”	60	2 1/3”	2	2/0597	6,08
U 400x60x2 3M	400	16”	60	2 1/3”	2	2/0598	7,65
U 500x60x2 3M	500	20”	60	2 1/3”	2	2/0599	9,92
U 600x60x2 3M	600	24”	60	2 1/3”	2	2/0592	10,53

2 x JUE 45 (2/3655 - GC)



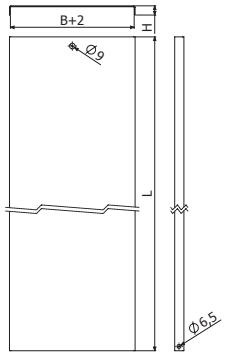
TU

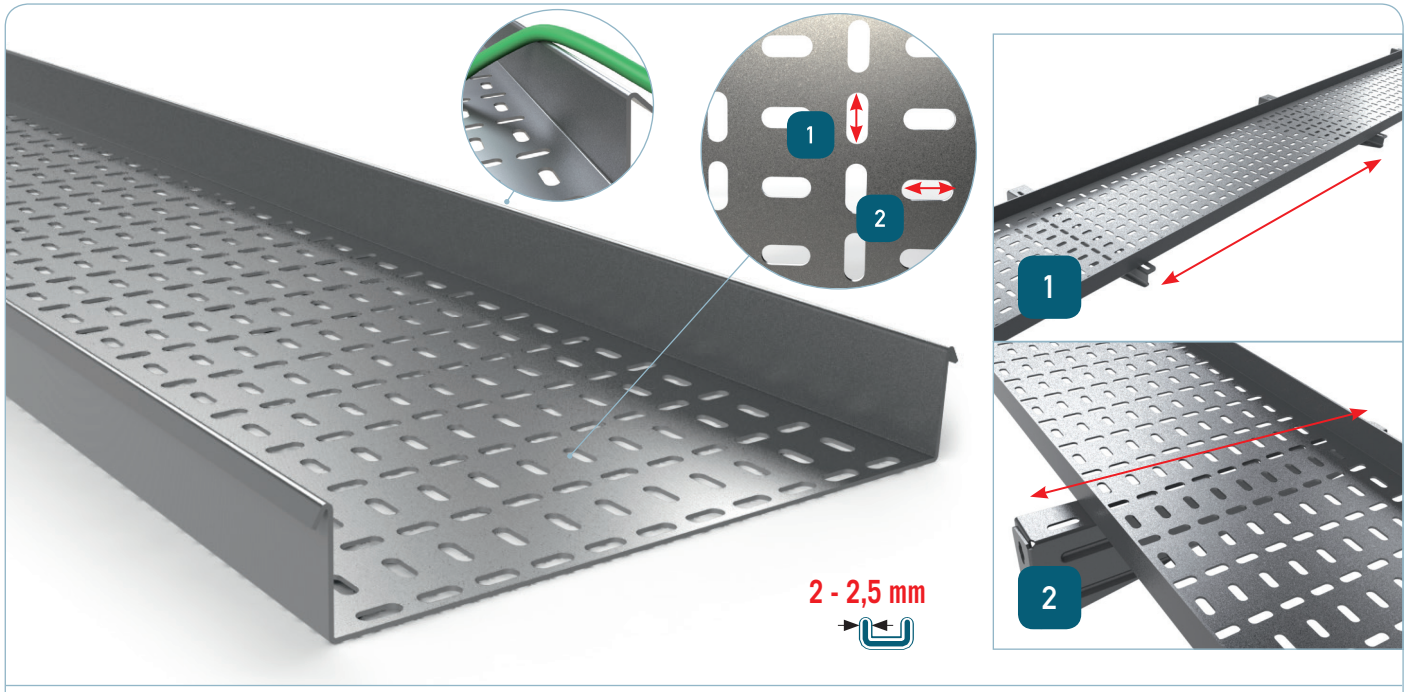


L = 3 m (10 ft)

TU 50 --> L = 2 m (6.56 ft)

	L		B		H		e	GC	
	m	ft	mm	inch	mm	inch	mm	REF.	(kg/m)
TU 50x1,5 2M	2	6,67	50	2”	15	3/5”	1,5	2/3554	1,05
TU 100x1,5 3M	3	10	100	4”	15	3/5”	1,5	2/3553	1,68
TU 150x1,5 3M	3	10	150	6”	15	3/5”	1,5	2/4659	2,33
TU 200x1,5 3M	3	10	200	8”	15	3/5”	1,5	2/4894	2,97
TU 300x1,5 3M	3	10	300	12”	15	3/5”	1,5	2/4839	4,66
TU 400x1,5 3M	3	10	400	16”	15	3/5”	1,5	2/5791	5,57
TU 600x1,5 3M	3	10	600	24”	15	3/5”	1,5	2/4840	8,24





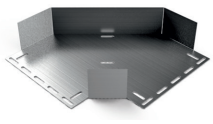
L > 100 m *
UNE-EN 61537

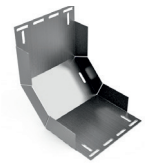
M0
UNE-EN 61537
UNE 23727

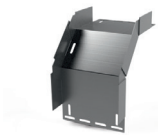
150°C
-50°C
UNE-EN 61537

6 7-8
UNE-EN 61537

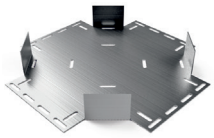
20J
UNE-EN 61537


CPU


CCU


CXU


TEU


CRU


JUE


PTU


B1

B		Filling Area					
		H20 (4/5")		H30 (1 1/6")		H50 (2")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
50	2"	8	1,2	13	2	22	3,4
100	4"	17	2,6	27	4,2	46	7,1
150	6"	26	4	41	6,3	70	10,8
200	8"	35	5,4	55	8,5	94	14,6
300	12"	53	8,2	83	12,9	142	22
400	16"	-	-	-	-	190	29,4
500	20"	-	-	-	-	238	36,9
600	24"	-	-	-	-	286	44,3

OME H20 E2



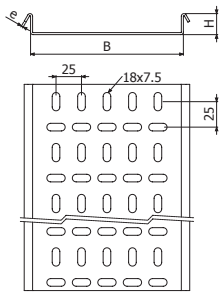
L = 3 m (10 ft)

OME 50X20X2 --> L=2m (6.56 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x20x2 2M	50	2"	20	4/5"	2	2/0405	1,64
OME 100x20x2 3M	100	4"	20	4/5"	2	2/0406	2,32
OME 150x20x2 3M	150	6"	20	4/5"	2	2/0407	2,99
OME 200x20x2 3M	200	8"	20	4/5"	2	2/0408	3,67
OME 300x20x2 3M	300	12"	20	4/5"	2	2/0409	5,03

2 x JUE 12 (2/3186 - GC)

A OME = U



OME H30 E2

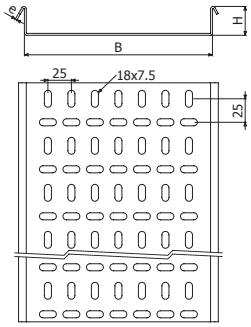


L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 100x30x2 3M	100	4"	30	1 1/6"	2	2/0414	2,65
OME 150x30x2 3M	150	6"	30	1 1/6"	2	2/5977	3,33
OME 200x30x2 3M	200	8"	30	1 1/6"	2	2/0416	4,00
OME 300x30x2 3M	300	12"	30	1 1/6"	2	2/0417	5,37
OME 500x30x2 3M	500	20"	30	1 1/6"	2	2/0419	9,15
OME 600x30x2 3M	600	24"	30	1 1/6"	2	2/0420	10,75

2 x JUE 25 (2/3187- GC)

A OME = U



OME H50 E2

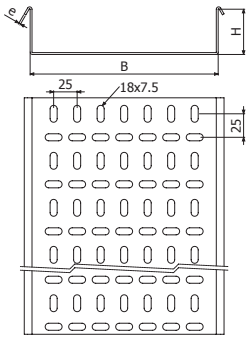


L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x50x2 3M	50	2"	30	2"	2	2/0421	2,65
OME 100x50x2 3M	100	4"	50	2"	2	2/0422	3,33
OME 150x50x2 3M	150	6"	50	2"	2	2/0423	4,01
OME 200x50x2 3M	200	8"	50	2"	2	2/0424	4,68
OME 300x50x2 3M	300	12"	50	2"	2	2/0425	6,04
OME 400x50x2 3M	400	16"	50	2"	2	2/0426	7,48
OME 500x50x2 3M	500	20"	50	2"	2	2/0427	8,84
OME 600x50x2 3M	600	24"	50	2"	2	2/3218	10,19

2 x JUE 45 (2/3655 - GC)

A OME = U



OME H20 E2,5

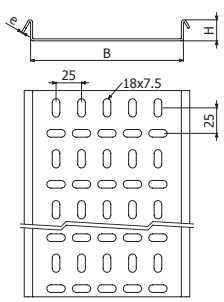


L = 2 m (6,56 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x20x2,5 2M	50	2"	20	4/5"	2,5	2/0446	1,98
OME 100x20x2,5 2M	100	4"	20	4/5"	2,5	2/0447	2,81
OME 150x20x2,5 2M	150	6"	20	4/5"	2,5	2/0448	3,64
OME 200x20x2,5 2M	200	8"	20	4/5"	2,5	2/0449	4,46
OME 300x20x2,5 2M	300	12"	20	4/5"	2,5	2/0450	6,12

2 x JUE 12 (2/3186 - GC)

A OME = U



OME H30 E2,5

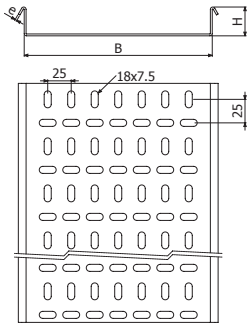


L = 2 m (6,56 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x30x2,5 2M	50	2"	30	1 1/6"	2,5	2/0454	2,39
OME 100x30x2,5 2M	100	4"	30	1 1/6"	2,5	2/0455	3,22
OME 150x30x2,5 2M	150	6"	30	1 1/6"	2,5	2/0456	4,05
OME 200x30x2,5 2M	200	8"	30	1 1/6"	2,5	2/0457	4,88
OME 300x30x2,5 2M	300	12"	30	1 1/6"	2,5	2/0458	6,53

2 x JUE 25 (2/3187 - GC)

A OME = U



OME H50 E2,5

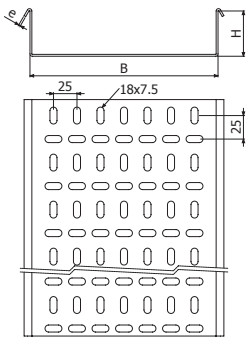


L =2 m (6,56 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x50x2,5 2M	50	2"	50	2"	2,5	2/0462	3,22
OME 100x50x2,5 2M	100	4"	50	2"	2,5	2/0463	4,04
OME 150x50x2,5 2M	150	6"	50	2"	2,5	2/0464	4,87
OME 200x50x2,5 2M	200	8"	50	2"	2,5	2/0465	5,70
OME 300x50x2,5 2M	300	12"	50	2"	2,5	2/0466	7,17
OME 400x50x2,5 2M	400	16"	50	2"	2,5	2/0467	9,23
OME 500x50x2,5 2M	500	20"	50	2"	2,5	2/0468	10,77
OME 600x50x2,5 2M	600	24"	50	2"	2,5	2/4505	12,42

2 x JUE 45 (2/3655 - GC)

A OME = U



OME REPSOL

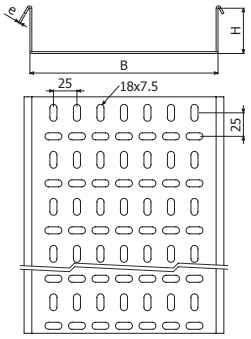


L = 2 m (6,56 ft)

	B		H		e	GC80	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x30x2 2M	50	2"	30	2"	2	2/0413	1,98
OME 100x30x2 2M	100	4"	30	2"	2	2/5513	2,65
OME 150x30x2 2M	150	6"	30	2"	2	2/0415	3,33
OME 200x50x2 2M	200	8"	50	2"	2	2/3219	4,77
OME 300x50x2,5 2M	300	12"	50	2"	2,5	2/0466	7,17
OME 400x50x2,5 2M	400	16"	50	2"	2,5	2/0467	9,23
OME 600x50x2,5 2M	600	24"	50	2"	2,5	2/4505	12,42

2 x JUE 25/45 (2/14941-GC80 // 2/15065-GC80)

A OME = U



OMEL REPSOL ED-P 11.02-1

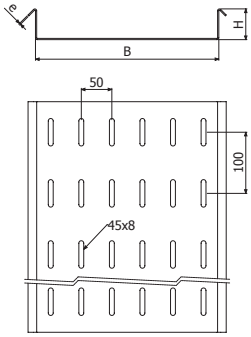


L = 2 m (6,56 ft)

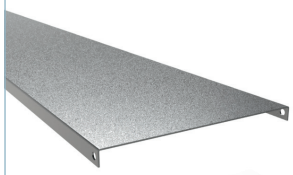
	B		H		e	GC80	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OMEL 100x30x2 2M	100	4"	30	1 1/6"	2	2/5968	2,81
OMEL 200x50x2 2M	200	8"	50	2"	2	2/5967	4,93
OMEL 300x50x2,5 2M	300	12"	50	2"	2,5	2/5966	7,98
OMEL 400x50x2,5 2M	400	16"	50	2"	2,5	2/5965	9,81
OMEL 600x50x2,5 2M	600	24"	50	2"	2,5	2/6338	13,46

2 x JUE 25/45 (2/14941-GC80 // 2/15065-GC80)

A OME = U



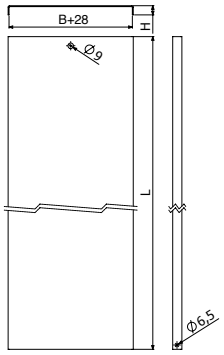
TOME



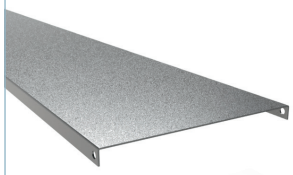
L = 3 m (10 ft)

TOME 50 --> L = 2 m (6.56 ft)

	L		B		H		e	GC	
	m	ft	mm	inch	mm	inch	mm	REF.	(kg/m)
TOME 50x2 2M	2	6,56	50	2"	15	3/5"	2	2/5692	1,68
TOME 100x2 3M	3	10	100	4"	15	3/5"	2	2/4865	2,53
TOME 150x2 3M	3	10	150	6"	15	3/5"	2	2/4973	3,37
TOME 200x2 3M	3	10	200	8"	15	3/5"	2	2/4974	4,22
TOME 300x2 3M	3	10	300	12"	15	3/5"	2	2/4864	5,86
TOME 400x2 3M	3	10	400	16"	15	3/5"	2	2/4977	7,59
TOME 500x2 3M	3	10	500	20"	15	3/5"	2	2/4978	9,18
TOME 600x2 3M	3	10	600	24"	15	3/5"	2	2/4979	10,90

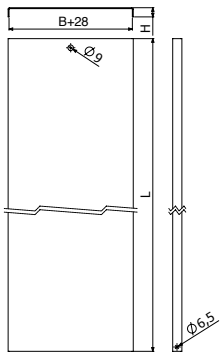


TOME REPSOL ED-P 11.02-1



L = 2 m (6.56 ft)

	L		B		H		e	GC80	
	m	ft	mm	inch	mm	inch	mm	REF.	(kg/m)
TOME 50x2 2M	2	6,56	50	2"	15	3/5"	2	2/5692	1,84
TOME 100x2 2M	2	10	100	4"	15	3/5"	2	2/7319	2,69
TOME 150x2 2M	2	10	150	6"	15	3/5"	2	2/17540	3,54
TOME 200x2 2M	2	10	200	8"	15	3/5"	2	2/7320	4,38
TOME 300x2 2M	2	10	300	12"	15	3/5"	2	2/7321	6,07
TOME 400x2 2M	2	10	400	16"	15	3/5"	2	2/7322	7,77
TOME 500x2 2M	2	10	500	20"	15	3/5"	2	2/7323	9,46
TOME 600x2 2M	2	10	600	24"	15	3/5"	2	2/7324	11,15

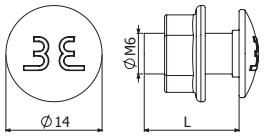


B1

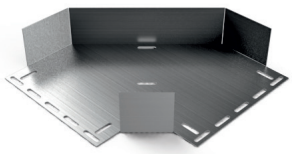


	L	Pap	GC		i304	
	mm	Nm	REF.	kg/ud	REF.	kg/ud
B1-100	14	6	2/6826	0,80	-	-
B1-100	20	6	-	-	2/4925	0,79

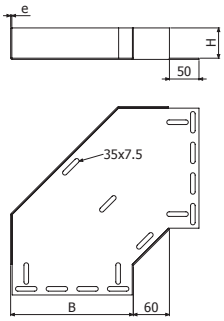
10



CPU

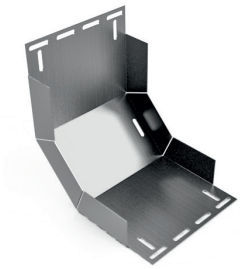


	B		H		GC			
					e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)
CPU 50x15xe	50	2"	15	3/5"	2/2069	0,21		
CPU 100x15xe	100	4"	15	3/5"	2/2070	0,47		
CPU 150x15xe	150	6"	15	3/5"	2/2071	0,81	☎	☎
CPU 200x15xe	200	8"	15	3/5"	2/2072	1,22		
CPU 300x15xe	300	12"	15	3/5"	2/2073	2,24		
CPU 50x30xe	50	2"	30	1 1/6"	2/2077	0,28	2/2167	0,33
CPU 100x30xe	100	4"	30	1 1/6"	2/2078	0,56	2/2168	0,66
CPU 150x30xe	150	6"	30	1 1/6"	2/2079	0,92	2/2169	1,08
CPU 200x30xe	200	8"	30	1 1/6"	2/2080	1,34	2/2170	1,57
CPU 300x30xe	300	12"	30	1 1/6"	2/2081	2,41	2/2171	2,83
CPU 400x30xe	400	16"	30	1 1/6"	2/2082	3,48	2/2172	4,09
CPU 500x30xe	500	20"	30	1 1/6"	2/2083	4,55	2/2173	5,34
CPU 600x30xe	600	24"	30	1 1/6"	2/2084	5,62	2/2174	6,60
CPU 50x50xe	50	2"	50	2"	2/2085	0,36	2/2175	0,42
CPU 100x50xe	100	4"	50	2"	2/2086	0,67	2/2176	0,79
CPU 150x50xe	150	6"	50	2"	2/2087	1,06	2/2177	1,24
CPU 200x50xe	200	8"	50	2"	2/2088	1,51	2/2178	1,77
CPU 300x50xe	300	12"	50	2"	2/2089	2,64	2/2179	3,10
CPU 400x50xe	400	16"	50	2"	2/2090	4,04	2/2180	4,89
CPU 500x50xe	500	20"	50	2"	2/2091	5,73	2/2181	6,89
CPU 600x50xe	600	24"	50	2"	2/2092	7,70	2/2182	8,88

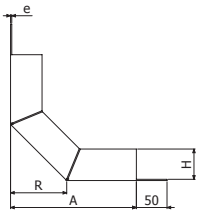


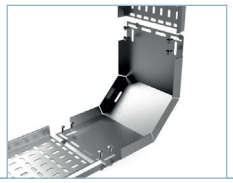
4/100 x B1 (2/6826 - GC)

CCU



	B		H		GC			
					e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)
CCU 50x15xe	50	2"	15	3/5"	2/2249	0,40		
CCU 100x15xe	100	4"	15	3/5"	2/2250	0,73		
CCU 150x15xe	150	6"	15	3/5"	2/2251	1,14	☎	☎
CCU 200x15xe	200	8"	15	3/5"	2/2252	1,60		
CCU 300x15xe	300	12"	15	3/5"	2/2253	3,21		
CCU 50x30xe	50	2"	30	1 1/6"	2/2257	0,51	2/2347	0,69
CCU 100x30xe	100	4"	30	1 1/6"	2/2258	0,83	2/2348	1,06
CCU 150x30xe	150	6"	30	1 1/6"	2/2259	1,26	2/2349	1,54
CCU 200x30xe	200	8"	30	1 1/6"	2/2260	1,74	2/2350	2,12
CCU 300x30xe	300	12"	30	1 1/6"	2/2261	3,41	2/2351	4,16
CCU 400x30xe	400	16"	30	1 1/6"	2/2262	4,80	2/2352	5,86
CCU 500x30xe	500	20"	30	1 1/6"	2/2263	6,30	2/2353	7,69
CCU 600x30xe	600	24"	30	1 1/6"	2/2264	7,80	2/2354	9,52
CCU 50x50xe	50	2"	50	2"	2/2265	0,60	2/2355	0,83
CCU 100x50xe	100	4"	50	2"	2/2266	0,92	2/2356	1,19
CCU 150x50xe	150	6"	50	2"	2/2267	1,37	2/2357	1,80
CCU 200x50xe	200	8"	50	2"	2/2268	1,87	2/2358	2,41
CCU 300x50xe	300	12"	50	2"	2/2269	3,64	2/2359	4,35
CCU 400x50xe	400	16"	50	2"	2/2270	5,06	2/2360	6,01
CCU 500x50xe	500	20"	50	2"	2/2271	6,65	2/2361	8,50
CCU 600x50xe	600	24"	50	2"	2/2272	9,35	2/2362	10,99



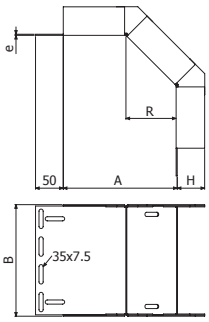


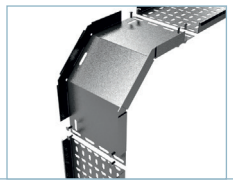
4/100 x B1 (2/6826 - GC)

CXU



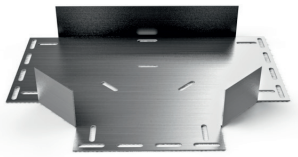
	B		H		GC			
					e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)
CXU 50x15xe	50	2"	15	3/5"	2/2429	0,42		
CXU 100x15xe	100	4"	15	3/5"	2/2430	0,70		
CXU 150x15xe	150	6"	15	3/5"	2/2431	1,07	☎	☎
CXU 200x15xe	200	8"	15	3/5"	2/2432	1,49		
CXU 300x15xe	300	12"	15	3/5"	2/2433	2,94		
CXU 50x30xe	50	2"	30	1 1/6"	2/2437	0,61	2/2527	0,89
CXU 100x30xe	100	4"	30	1 1/6"	2/2438	0,89	2/2528	1,07
CXU 150x30xe	150	6"	30	1 1/6"	2/2439	1,27	2/2529	1,52
CXU 200x30xe	200	8"	30	1 1/6"	2/2440	1,71	2/2530	2,05
CXU 300x30xe	300	12"	30	1 1/6"	2/2441	3,29	2/2531	3,95
CXU 400x30xe	400	16"	30	1 1/6"	2/2442	4,40	2/2532	5,28
CXU 500x30xe	500	20"	30	1 1/6"	2/2443	5,55	2/2533	6,66
CXU 600x30xe	600	24"	30	1 1/6"	2/2444	6,70	2/2534	8,04
CXU 50x50xe	50	2"	50	2"	2/2445	0,86	2/2535	1,03
CXU 100x50xe	100	4"	50	2"	2/2446	1,14	2/2536	1,37
CXU 150x50xe	150	6"	50	2"	2/2447	1,55	2/2537	1,86
CXU 200x50xe	200	8"	50	2"	2/2448	2,00	2/2538	2,45
CXU 300x50xe	300	12"	50	2"	2/2449	3,69	2/2539	4,02
CXU 400x50xe	400	16"	50	2"	2/2450	4,86	2/2540	5,38
CXU 500x50xe	500	20"	50	2"	2/2451	6,43	2/2541	7,74
CXU 600x50xe	600	24"	50	2"	2/2452	8,92	2/2542	10,1



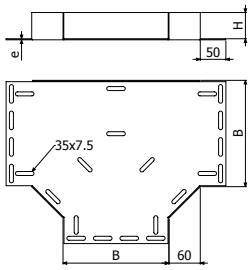


4/100 x B1 (2/6826 - GC)

TEU

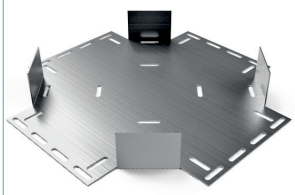


	B		H		GC			
					e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)
TEU 50x15xe	50	2"	15	3/5"	2/2789	0,41		
TEU 100x15xe	100	4"	15	3/5"	2/2790	0,79		
TEU 150x15xe	150	6"	15	3/5"	2/2791	1,27	☎	☎
TEU 200x15xe	200	8"	15	3/5"	2/2792	1,82		
TEU 300x15xe	300	12"	15	3/5"	2/2793	3,19		
TEU 50x30xe	50	2"	30	1 1/6"	2/2797	0,49	2/2888	0,58
TEU 100x30xe	100	4"	30	1 1/6"	2/2798	0,88	2/2889	1,07
TEU 150x30xe	150	6"	30	1 1/6"	2/2799	1,38	2/2890	1,66
TEU 200x30xe	200	8"	30	1 1/6"	2/2800	1,95	2/2891	2,34
TEU 300x30xe	300	12"	30	1 1/6"	2/2801	3,35	2/2892	4,02
TEU 400x30xe	400	16"	30	1 1/6"	2/2802	5,01	2/2893	6,01
TEU 500x30xe	500	20"	30	1 1/6"	2/2803	7,18	2/2894	8,62
TEU 600x30xe	600	24"	30	1 1/6"	2/2804	9,59	2/2895	11,51
TEU 50x50xe	50	2"	50	2"	2/2805	0,60	2/2896	0,72
TEU 100x50xe	100	4"	50	2"	2/2806	1,01	2/2897	1,21
TEU 150x50xe	150	6"	50	2"	2/2807	1,52	2/2898	1,82
TEU 200x50xe	200	8"	50	2"	2/2808	2,11	2/2899	2,43
TEU 300x50xe	300	12"	50	2"	2/2809	3,54	2/2900	4,11
TEU 400x50xe	400	16"	50	2"	2/2810	5,33	2/2901	6,78
TEU 500x50xe	500	20"	50	2"	2/2811	7,44	2/2902	9,05
TEU 600x50xe	600	24"	50	2"	2/2812	9,89	2/2903	11,45

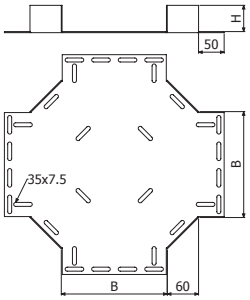


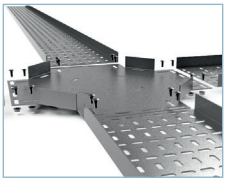
4/100 x B1 (2/6826 - GC)

CRU



	B		H		GC			
					e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)
CRU 50x15xe	50	2"	15	3/5"	2/2609	0,53		
CRU 100x15xe	100	4"	15	3/5"	2/2610	1,07		
CRU 150x15xe	150	6"	15	3/5"	2/2611	1,61	☎	☎
CRU 200x15xe	200	8"	15	3/5"	2/2612	2,17		
CRU 300x15xe	300	12"	15	3/5"	2/2613	3,68		
CRU 50x30xe	50	2"	30	1 1/6"	2/2617	0,62	2/2707	0,74
CRU 100x30xe	100	4"	30	1 1/6"	2/2618	1,07	2/2708	1,28
CRU 150x30xe	150	6"	30	1 1/6"	2/2619	1,61	2/2709	1,93
CRU 200x30xe	200	8"	30	1 1/6"	2/2620	2,25	2/2710	2,70
CRU 300x30xe	300	12"	30	1 1/6"	2/2621	3,77	2/2711	4,52
CRU 400x30xe	400	16"	30	1 1/6"	2/2622	5,29	2/2712	6,35
CRU 500x30xe	500	20"	30	1 1/6"	2/2623	6,81	2/2713	8,17
CRU 600x30xe	600	24"	30	1 1/6"	2/2624	8,33	2/2714	10,00
CRU 50x50xe	50	2"	50	2"	2/2625	0,73	2/2715	0,88
CRU 100x50xe	100	4"	50	2"	2/2626	1,19	2/2716	1,43
CRU 150x50xe	150	6"	50	2"	2/2627	1,73	2/2717	2,08
CRU 200x50xe	200	8"	50	2"	2/2628	2,37	2/2718	2,84
CRU 300x50xe	300	12"	50	2"	2/2629	3,89	2/2719	4,67
CRU 400x50xe	400	16"	50	2"	2/2630	5,74	2/2720	7,17
CRU 500x50xe	500	20"	50	2"	2/2631	7,94	2/2721	9,53
CRU 600x50xe	600	24"	50	2"	2/2632	10,48	2/2722	13,10

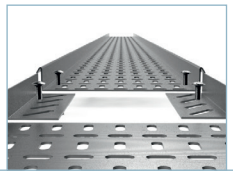




4/100 x B1 (2/6826 - GC)

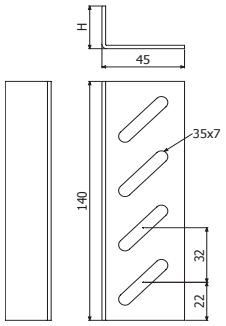
JUE





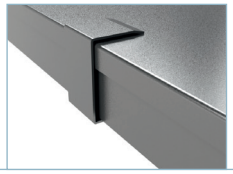
	H		e		GC		GC80	
	mm	inch	mm	Ga	REF.	(kg/ud)	REF.	(kg/ud)
JUE 12	12	1/2"	1,5	16	2/3186	0,09	☎	☎
JUE 25	25	1"	1,5	16	2/3187	0,13	2/14941	0,13
JUE 45	45	1 7/9"	1,5	16	2/3655	0,16	2/15065	0,16

2/100 x B1 (2/6826 - GC)



PTU

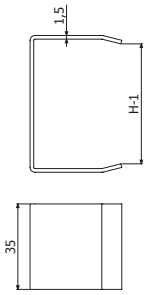




	H		i304	
	mm	inch	REF.	kg/ud
PTU 30	30	1 1/6"	2/4626	0,05
PTU 50	50	2"	2/3465	0,06

IK10

4 x PTU => 1 x TU

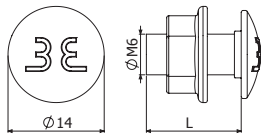


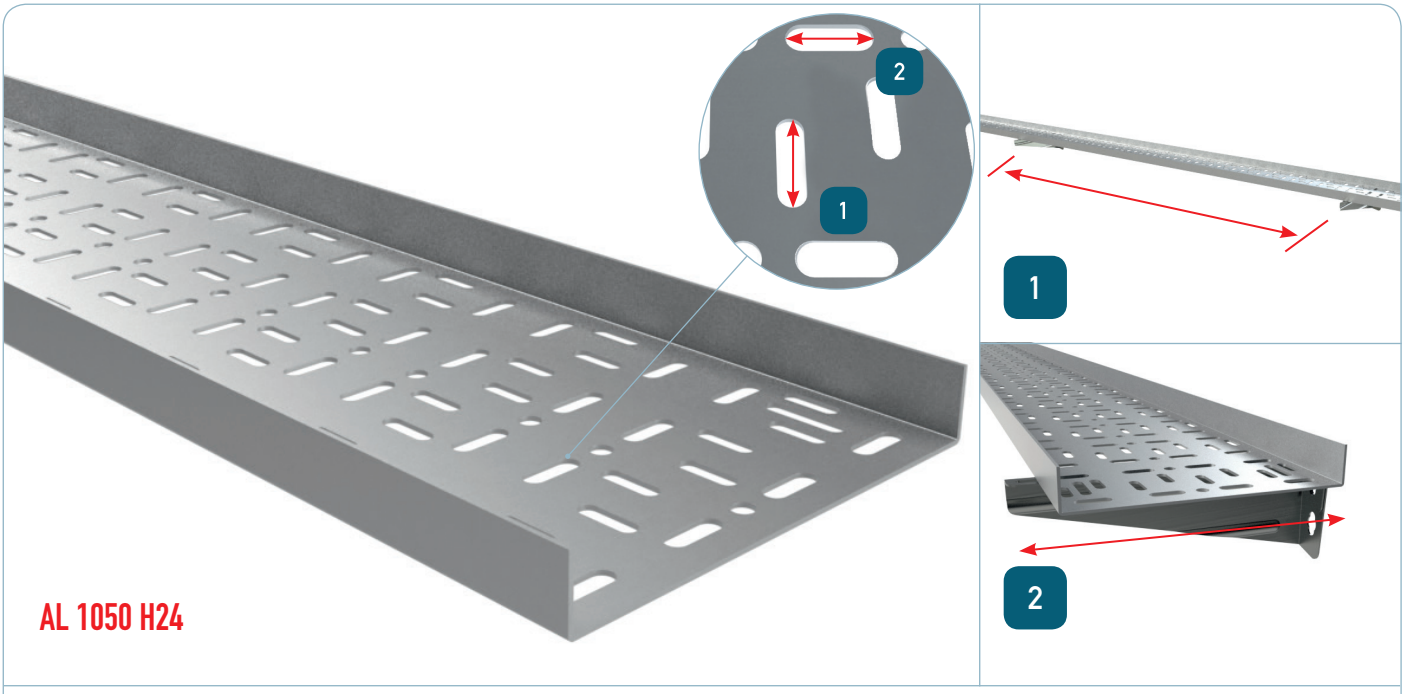
B1



	L	Pap	GC		i304	
	mm	Nm	REF.	kg/ud	REF.	kg/ud
B1-100	14	6	2/6826	0,80	-	-
B1-100	20	6	-	-	2/4925	0,79

10





L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

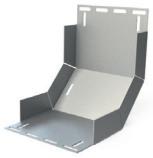
150°C
-50°C
UNE-EN 61537

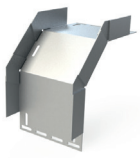
>8
UNE-EN 61537

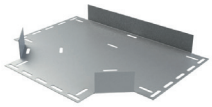
20J
UNE-EN 61537

AL x3 GS GC i304


CPU AL

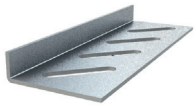

CCU AL


CXU AL


TEU AL


CRU AL


KUC AL


JUE AL


B1 i304

		Filling Area									
		1,5 mm		2 mm				2,5 mm			
B		H30 (1 1/6")		H15 (3/5")		H30 (1 1/6")		H30 (1 1/6")		H60 (2 3/8")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²	cm²	in²
50	2"	13,4	2,1	-	-	12,9	2,0	-	-	25,9	4,0
100	4"	27,6	4,3	12,5	1,9	26,9	4,2	26,1	4,0	54,6	8,5
150	6"	41,9	6,5	19,0	2,9	40,9	6,3	-	-	-	-
200	8"	56,1	8,7	25,5	4,0	54,9	8,5	53,6	8,3	112,1	17,4
300	12"	84,6	13,1	38,5	6,0	82,9	12,8	81,1	12,6	169,6	26,3
400	16"	-	-	-	-	-	-	108,6	16,8	227,1	35,2
600	24"	-	-	-	-	-	-	163,6	25,4	342,1	53,0

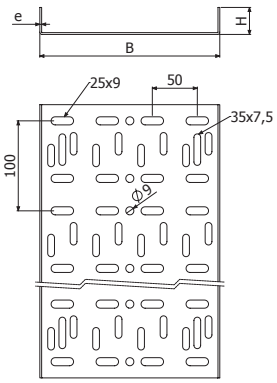
U H30 E1,5



L = 3 m (10 ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
U 50x30x1,5	50	2"	30	1 1/6	1,5	2/3540	0,45
U 100x30x1,5	100	4"	30	1 1/6	1,5	2/3541	0,65
U 150x30x1,5	150	6"	30	1 1/6	1,5	2/3207	0,85
U 200x30x1,5	200	8"	30	1 1/6	1,5	2/4905	1,05
U 300x30x1,5	300	12"	30	1 1/6	1,5	2/4906	1,46

2 x JUE 25 (2/3189 - AL)



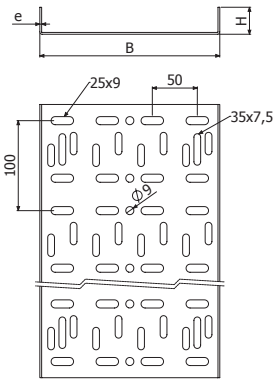
U H15 E2



L = 3 m (10 ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
U 100x15x2	100	4"	15	3/5"	2	2/0615	0,70
U 150x15x2	150	6"	15	3/5"	2	2/0616	0,97
U 200x15x2	200	8"	15	3/5"	2	2/0617	1,24
U 300x15x2	300	12"	15	3/5"	2	2/0618	1,78

2 x JUE 12 (2/3188 - AL)



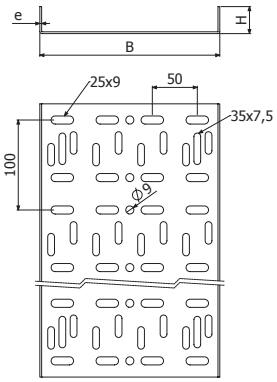
U H30 E2



L = 3 m (10 ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
U 50x30x2	50	2"	30	1 1/6	2	2/0622	0,59
U 100x30x2	100	4"	30	1 1/6	2	2/0623	0,86
U 150x30x2	150	6"	30	1 1/6	2	2/0624	1,13
U 200x30x2	200	8"	30	1 1/6	2	2/0625	1,40
U 300x30x2	300	12"	30	1 1/6	2	2/0626	1,94

2 x JUE 25 (2/3189 - AL)



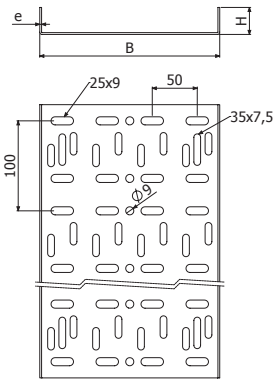
U H30 E2,5



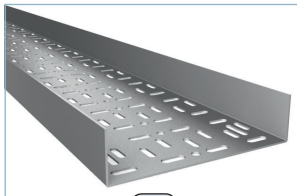
L = 3 m (10 ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
U 100x30x2,5	100	4"	30	1 1/6"	2,5	2/0713	1,08
U 200x30x2,5	200	8"	30	1 1/6"	2,5	2/0715	1,76
U 300x30x2,5	300	12"	30	1 1/6"	2,5	2/0716	2,43
U 400x30x2,5	400	16"	30	1 1/6"	2,5	2/0717	3,11
U 600x30x2,5	600	24"	30	1 1/6"	2,5	2/0719	4,46

KUC 30 (2/5646)



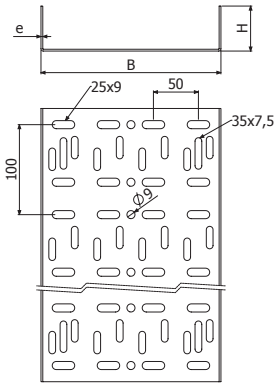
U H60 E2,5



L = 3 m (10 ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
U 50x60x2,5	50	2"	60	2 3/8"	2,5	2/6261	1,15
U 100x60x2,5	100	4"	60	2 3/8"	2,5	2/0728	1,49
U 200x60x2,5	200	8"	60	2 3/8"	2,5	2/0730	2,16
U 300x60x2,5	300	12"	60	2 3/8"	2,5	2/0731	2,84
U 400x60x2,5	400	16"	60	2 3/8"	2,5	2/0732	3,51
U 600x60x2,5	600	24"	60	2 3/8"	2,5	2/0734	4,86

KUC 60 (2/5725)



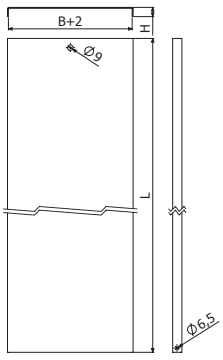
TU E1,5



L = 3 m (10 ft)

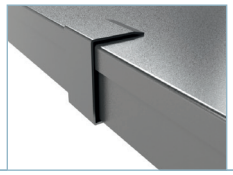
1,5 mm

	L		B		H		e	AL	
	m	ft	mm	inch	mm	inch	mm	REF.	kg/m
TU 50x1,5 3M	2	6,67	50	2"	15	3/5"	1,5	2/4514	0,33
TU 100x1,5 3M	3	10	100	4"	15	3/5"	1,5	2/8170	0,53
TU 150x1,5 3M	3	10	150	6"	15	3/5"	1,5	2/6428	0,73
TU 200x1,5 3M	3	10	200	8"	15	3/5"	1,5	2/5082	0,93
TU 300x1,5 3M	3	10	300	12"	15	3/5"	1,5	2/5081	1,34
TU 400x1,5 3M	3	10	400	16"	15	3/5"	1,5	2/5757	1,75
TU 600x1,5 3M	3	10	600	24"	15	3/5"	1,5	2/5080	2,56



PTU

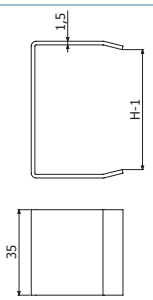




	H		i304	
	mm	inch	REF.	kg/ud
PTU 30	30	1 1/6"	2/4626	0,05
PTU 60	60	2 3/8"	2/3642	0,06

IK10

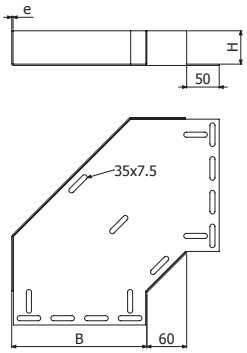
4 x PTU => 1 x TU



CPU E2,5

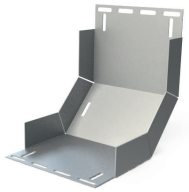


	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPU 100x30x2,5	100	4”	30	1 1/6”	2,5	2/2213	0,23
CPU 200x30x2,5	200	8”	30	1 1/6”	2,5	2/2215	0,54
CPU 300x30x2,5	300	12”	30	1 1/6”	2,5	2/2216	0,97
CPU 400x30x2,5	400	16”	30	1 1/6”	2,5	2/2217	1,51
CPU 600x30x2,5	600	24”	30	1 1/6”	2,5	2/2219	2,93
CPU 50x60x2,5	50	2”	60	2 3/8”	2,5	2/6266	0,17
CPU 100x60x2,5	100	4”	60	2 3/8”	2,5	2/2228	0,29
CPU 200x60x2,5	200	8”	60	2 3/8”	2,5	2/2230	0,64
CPU 300x60x2,5	300	12”	60	2 3/8”	2,5	2/2231	1,11
CPU 400x60x2,5	400	16”	60	2 3/8”	2,5	2/2232	1,68
CPU 600x60x2,5	600	24”	60	2 3/8”	2,5	2/2234	3,16

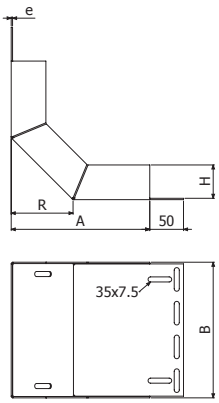


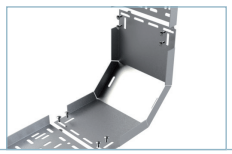
4/100 x B1 (2/4925-i304)

CCU E2,5



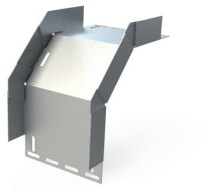
	B		H		e	R		A		AL	
	mm	inch	mm	inch	mm	mm	inch	mm	inch	REF.	kg/ud
CCU 100x30x2,5	100	4”	30	1 1/6”	2,5	80	3 1/7”	173	6 4/5”	2/2393	0,36
CCU 200x30x2,5	200	8”	30	1 1/6”	2,5	90	3 1/2”	203	8”	2/2395	0,72
CCU 300x30x2,5	300	12”	30	1 1/6”	2,5	130	5 1/8”	294	11 4/7”	2/2396	1,40
CCU 400x30x2,5	400	16”	30	1 1/6”	2,5	160	6 2/7”	324	12 3/4”	2/2397	1,95
CCU 600x30x2,5	600	24”	30	1 1/6”	2,5	220	8 2/3”	434	17”	2/2399	3,63
CCU 50x60x2,5	50	2”	60	2 3/8”	2,5	80	3 1/7”	173	6 4/5”	2/6267	0,35
CCU 100x60x2,5	100	4”	60	2 3/8”	2,5	80	3 1/7”	173	6 4/5”	2/2408	0,44
CCU 150x60x2,5	150	6”	60	2 3/8”	2,5	60	2 3/8”	141	5 5/9”	2/2409	0,54
CCU 200x60x2,5	200	8”	60	2 3/8”	2,5	90	3 1/2”	203	8”	2/2410	0,83
CCU 300x60x2,5	300	12”	60	2 3/8”	2,5	130	5 1/8”	294	11 4/7”	2/2411	1,57
CCU 400x60x2,5	400	16”	60	2 3/8”	2,5	160	6 2/7”	324	12 3/4”	2/2412	2,15
CCU 600x60x2,5	600	24”	60	2 3/8”	2,5	220	8 2/3”	434	17”	2/2414	3,90



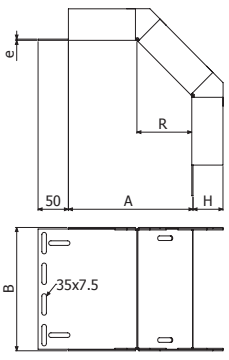


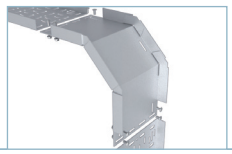
4/100 x B1 (2/4925-i304)

CXU E2,5



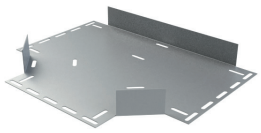
	B		H		e	R		A		AL	
	mm	inch	mm	inch	mm	mm	inch	mm	inch	REF.	kg/ud
CXU 100x30x2,5	100	4”	30	1 1/6”	2,5	60	2 3/8”	141	5 5/9”	2/2573	0,33
CXU 200x30x2,5	200	8”	30	1 1/6”	2,5	75	3”	176	7”	2/2575	0,63
CXU 300x30x2,5	300	12”	30	1 1/6”	2,5	110	4 1/3”	262	10 1/3”	2/2576	1,16
CXU 400x30x2,5	400	16”	30	1 1/6”	2,5	115	4 1/2”	277	11”	2/2577	1,61
CXU 600x30x2,5	600	24”	30	1 1/6”	2,5	160	6 2/7”	382	15”	2/2579	2,95
CXU 50x60x2,5	50	2”	60	2 3/8”	2,5	60	2 3/8”	141	5 5/9”	2/6268	0,37
CXU 100x60x2,5	100	4”	60	2 3/8”	2,5	60	2 3/8”	141	5 5/9”	2/2588	0,47
CXU 200x60x2,5	200	8”	60	2 3/8”	2,5	75	3”	176	7”	2/2590	0,78
CXU 300x60x2,5	300	12”	60	2 3/8”	2,5	110	4 1/3”	262	10 1/3”	2/2591	1,37
CXU 400x60x2,5	400	16”	60	2 3/8”	2,5	115	4 1/2”	277	11”	2/2592	1,83
CXU 600x60x2,5	600	24”	60	2 3/8”	2,5	160	6 2/7”	382	15”	2/2594	3,23



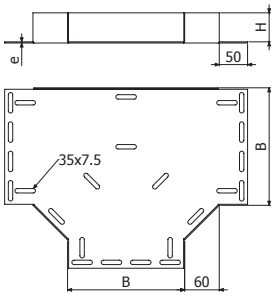


4/100 x B1 (2/4925-i304)

TEU E2,5



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
TEU 100x30x2,5	100	4”	30	1 1/6”	2,5	2/2935	0,36
TEU 200x30x2,5	200	8”	30	1 1/6”	2,5	2/2937	0,78
TEU 300x30x2,5	300	12”	30	1 1/6”	2,5	2/2938	1,34
TEU 400x30x2,5	400	16”	30	1 1/6”	2,5	2/2939	2,05
TEU 600x30x2,5	600	24”	30	1 1/6”	2,5	2/2941	3,84
TEU 50x60x2,5	50	2”	60	2 3/8”	2,5	2/6270	0,37
TEU 100x60x2,5	100	4”	60	2 3/8”	2,5	2/2950	0,44
TEU 200x60x2,5	200	8”	60	2 3/8”	2,5	2/2952	0,88
TEU 300x60x2,5	300	12”	60	2 3/8”	2,5	2/2953	1,46
TEU 400x60x2,5	400	16”	60	2 3/8”	2,5	2/2954	2,18
TEU 600x60x2,5	600	24”	60	2 3/8”	2,5	2/2956	4,02

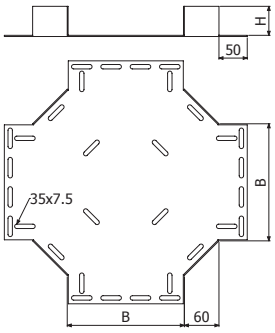


4/100 x B1 (2/4925-i304)

CRU E2,5



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CRU 100x30x2,5	100	4”	30	1 1/6”	2,5	2/2753	0,43
CRU 200x30x2,5	200	8”	30	1 1/6”	2,5	2/2755	0,91
CRU 300x30x2,5	300	12”	30	1 1/6”	2,5	2/2756	1,51
CRU 400x30x2,5	400	16”	30	1 1/6”	2,5	2/2757	2,26
CRU 600x30x2,5	600	24”	30	1 1/6”	2,5	2/2759	4,15
CRU 100x60x2,5	100	4”	60	2 3/8”	2,5	2/2768	0,51
CRU 200x60x2,5	200	8”	60	2 3/8”	2,5	2/2770	0,97
CRU 300x60x2,5	300	12”	60	2 3/8”	2,5	2/2771	1,58
CRU 400x60x2,5	400	16”	60	2 3/8”	2,5	2/2772	2,32
CRU 600x60x2,5	600	24”	60	2 3/8”	2,5	2/2774	4,21

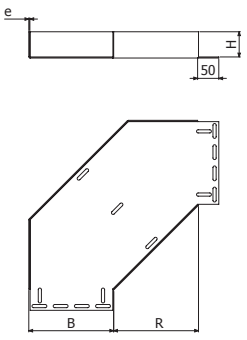


4/100 x B1 (2/4925-i304)

CPU-200 E2,5



	B		H		e	R		AL	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
CPU 100x30x2,5	100	4”	30	1 1/6”	2,5	200	8”	2/9903	0,62
CPU 200x30x2,5	200	8”	30	1 1/6”	2,5	200	8”	2/9904	1,05
CPU 300x30x2,5	300	12”	30	1 1/6”	2,5	200	8”	2/9905	1,64
CPU 400x30x2,5	400	16”	30	1 1/6”	2,5	200	8”	2/9906	2,35
CPU 600x30x2,5	600	24”	30	1 1/6”	2,5	200	8”	2/9907	4,09
CPU 50x60x2,5	50	2”	60	2 3/8”	2,5	200	8”	2/9908	0,51
CPU 100x60x2,5	100	4”	60	2 3/8”	2,5	200	8”	2/9909	0,72
CPU 200x60x2,5	200	8”	60	2 3/8”	2,5	200	8”	2/9910	1,24
CPU 300x60x2,5	300	12”	60	2 3/8”	2,5	200	8”	2/9911	1,87
CPU 400x60x2,5	400	16”	60	2 3/8”	2,5	200	8”	2/9912	2,60
CPU 600x60x2,5	600	24”	60	2 3/8”	2,5	200	8”	2/9913	4,42

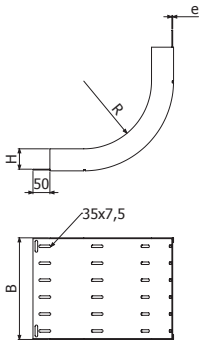


4/100 x B1 (2/4925-i304)

CCU-200 E2,5

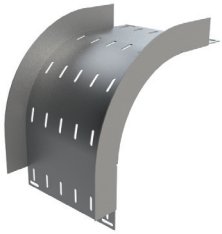


	B		H		e	R		AL	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
CCU 100x30x2,5	100	4"	30	1 1/6"	2,5	200	8"	2/9914	0,74
CCU 200x30x2,5	200	8"	30	1 1/6"	2,5	200	8"	2/9915	1,20
CCU 300x30x2,5	300	12"	30	1 1/6"	2,5	200	8"	2/9916	1,66
CCU 400x30x2,5	400	16"	30	1 1/6"	2,5	200	8"	2/9917	2,13
CCU 600x30x2,5	600	24"	30	1 1/6"	2,5	200	8"	2/9918	3,05
CCU 50x60x2,5	50	2"	60	2 3/8"	2,5	200	8"	2/9919	0,74
CCU 100x60x2,5	100	4"	60	2 3/8"	2,5	200	8"	2/9920	0,96
CCU 200x60x2,5	200	8"	60	2 3/8"	2,5	200	8"	2/9921	1,42
CCU 300x60x2,5	300	12"	60	2 3/8"	2,5	200	8"	2/9922	1,88
CCU 400x60x2,5	400	16"	60	2 3/8"	2,5	200	8"	2/9923	2,34
CCU 600x60x2,5	600	24"	60	2 3/8"	2,5	200	8"	2/9924	3,27

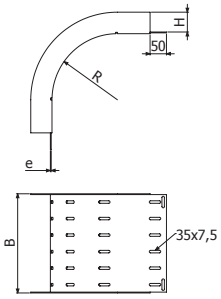


4/100 x B1 (2/4925-i304)

CXU-200 E2,5

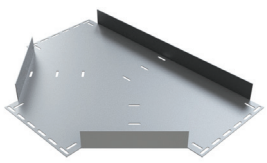


	B		H		e	R		AL	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
CXU 100x30x2,5	100	4"	30	1 1/6"	2,5	200	8"	2/9925	0,66
CXU 200x30x2,5	200	8"	30	1 1/6"	2,5	200	8"	2/9926	1,06
CXU 300x30x2,5	300	12"	30	1 1/6"	2,5	200	8"	2/9927	1,46
CXU 400x30x2,5	400	16"	30	1 1/6"	2,5	200	8"	2/9928	1,87
CXU 600x30x2,5	600	24"	30	1 1/6"	2,5	200	8"	2/9929	2,67
CXU 50x60x2,5	50	2"	60	2 3/8"	2,5	200	8"	2/9930	0,70
CXU 100x60x2,5	100	4"	60	2 3/8"	2,5	200	8"	2/9931	0,90
CXU 200x60x2,5	200	8"	60	2 3/8"	2,5	200	8"	2/9932	1,30
CXU 300x60x2,5	300	12"	60	2 3/8"	2,5	200	8"	2/9933	1,70
CXU 400x60x2,5	400	16"	60	2 3/8"	2,5	200	8"	2/9934	2,11
CXU 600x60x2,5	600	24"	60	2 3/8"	2,5	200	8"	2/9935	2,91

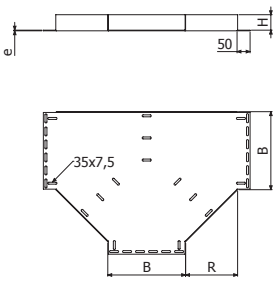


4/100 x B1 (2/4925-i304)

TEU-200 E2,5

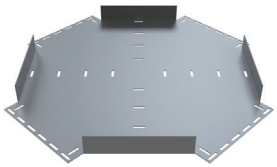


	B		H		e	R		AL	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
TEU 100x30x2,5	100	4"	30	1 1/6"	2,5	200	8"	2/9936	1,02
TEU 200x30x2,5	200	8"	30	1 1/6"	2,5	200	8"	2/9937	1,73
TEU 300x30x2,5	300	12"	30	1 1/6"	2,5	200	8"	2/9938	2,57
TEU 400x30x2,5	400	16"	30	1 1/6"	2,5	200	8"	2/9939	3,55
TEU 600x30x2,5	600	24"	30	1 1/6"	2,5	200	8"	2/9940	5,91
TEU 50x60x2,5	50	2"	60	2 3/8"	2,5	200	8"	2/9941	0,92
TEU 100x60x2,5	100	4"	60	2 3/8"	2,5	200	8"	2/9942	1,23
TEU 200x60x2,5	200	8"	60	2 3/8"	2,5	200	8"	2/9943	1,96
TEU 300x60x2,5	300	12"	60	2 3/8"	2,5	200	8"	2/9944	2,82
TEU 400x60x2,5	400	16"	60	2 3/8"	2,5	200	8"	2/9945	3,83
TEU 600x60x2,5	600	24"	60	2 3/8"	2,5	200	8"	2/9946	6,23



4/100 x B1 (2/4925-i304)

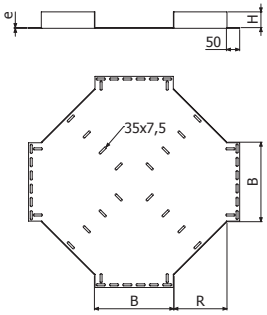
CRU-200 E2,5





	B		H		e	R		AL	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
CRU 100x30x2,5	100	4”	30	1 1/6”	2,5	200	8”	2/9947	1,45
CRU 200x30x2,5	200	8”	30	1 1/6”	2,5	200	8”	2/9948	2,30
CRU 300x30x2,5	300	12”	30	1 1/6”	2,5	200	8”	2/9949	3,28
CRU 400x30x2,5	400	16”	30	1 1/6”	2,5	200	8”	2/9950	4,40
CRU 600x30x2,5	600	24”	30	1 1/6”	2,5	200	8”	2/9951	7,06
CRU 50x60x2,5	50	2”	60	2 3/8”	2,5	200	8”	2/9952	1,31
CRU 100x60x2,5	100	4”	60	2 3/8”	2,5	200	8”	2/9953	1,68
CRU 200x60x2,5	200	8”	60	2 3/8”	2,5	200	8”	2/9954	2,53
CRU 300x60x2,5	300	12”	60	2 3/8”	2,5	200	8”	2/9955	3,51
CRU 400x60x2,5	400	16”	60	2 3/8”	2,5	200	8”	2/9956	4,63
CRU 600x60x2,5	600	24”	60	2 3/8”	2,5	200	8”	2/9957	6,29

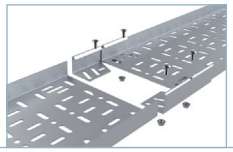
4/100 x B1 (2/4925-i304)



KUC E2,5



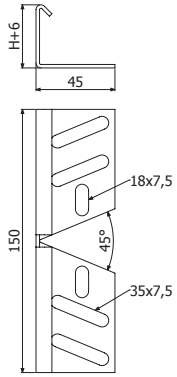




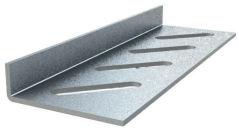
	H		e	AL	
	mm	inch	mm	REF.	kg/ud
KUC 30	30	1 1/6"	2	2/5646	0,16
KUC 60	60	2 3/8"	2	2/5725	0,23

2 x JU + 4/100 x B1 (2/4925-i304)

0 →45°

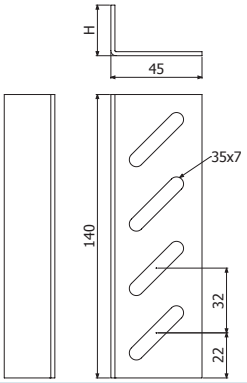


JUE



	H		e	AL	
	mm	inch	mm	REF.	kg/ud
JUE 12	12	1/2"	2	2/3188	0,05
JUE 25	25	1 "	2	2/3189	0,06

2/100 x B1 (2/4925-i304)

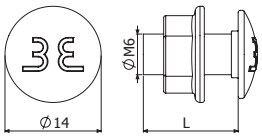


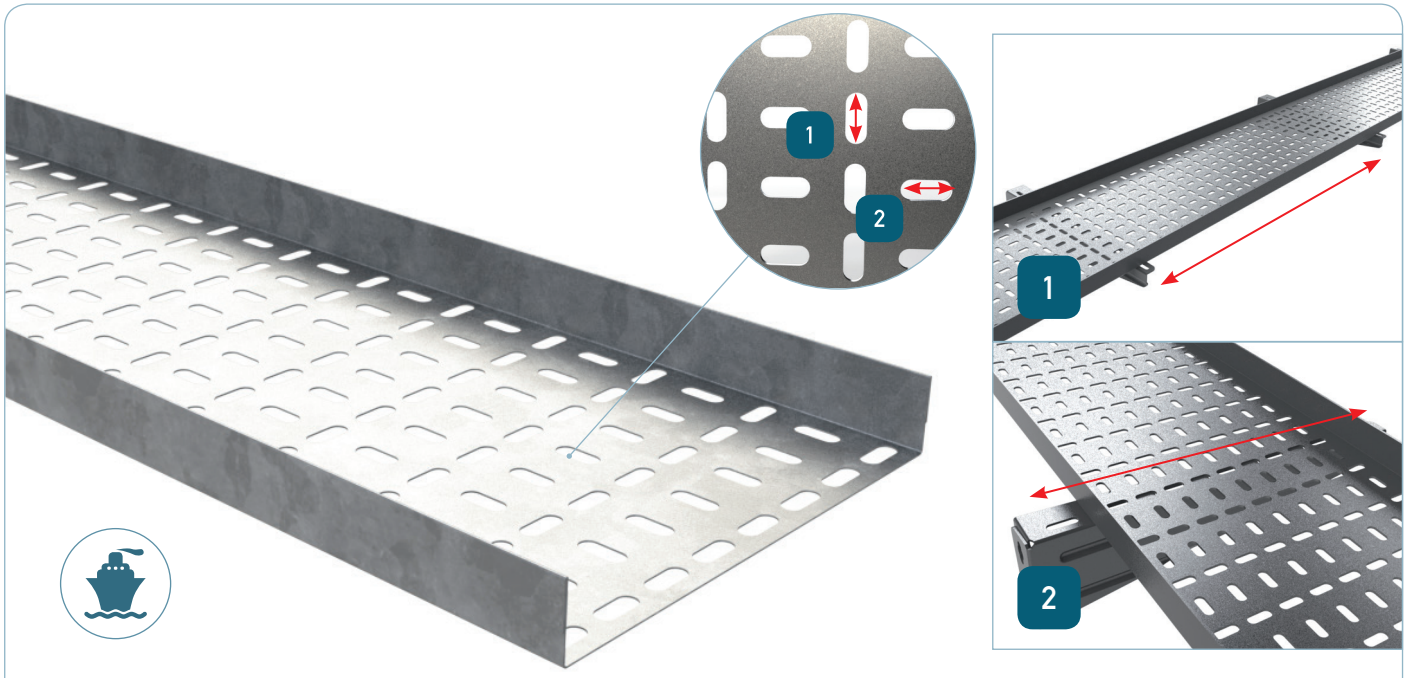
B1



	L	Pap	i304	
	mm	Nm	REF.	kg/ud
B1-100	20	6	2/4925	0,79

10





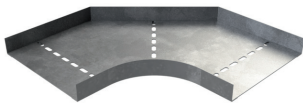
L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

3 9a
UNE-EN 61537

20J
UNE-EN 61537


CPEB


JUEB

B		Filling Area					
		H10 (1/3")		H15 (3/5")		H30 (1 1/6")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
50	2"	**45,2**	7,0	**69,5**	10,8	**142,4**	22,1
80	3"	**73,1**	11,3	**112,4**	17,4	**230,3**	35,7
100	4"	**91,7**	14,2	**141,0**	21,9	**288,9**	44,8
150	6"	**138,2**	21,4	**212,5**	32,9	**435,4**	67,5
200	8"	**184,7**	28,6	**284,0**	44,0	**581,9**	90,2
250	10"	**228,5**	35,4	**352,7**	54,7	**725,3**	112,4
300	12"	**274,5**	42,6	**423,7**	65,7	**871,3**	135,1
400	16"	**366,5**	56,8	**565,7**	87,7	**1163,3**	180,3
500	20"	**448,2**	69,5	**697,2**	108,1	**1444,2**	223,9
600	24"	**538,2**	83,4	**837,2**	129,8	**1734,2**	268,8

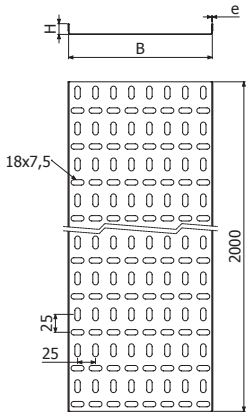
EB



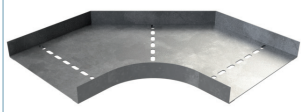


	B		H		e	GS		i304	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/m
EB 50X10	50	2"	10	1/3"	0,70	2/17173	0,45	2/17183	0,45
EB 80X10	80	3"	10	1/3"	0,70	2/17174	0,62	2/17184	0,62
EB 100X15	100	4"	15	3/5"	0,70	2/17175	0,82	2/17185	0,82
EB 150X15	150	6"	15	3/5"	0,70	2/17176	1,10	2/17186	1,10
EB 200X15	200	8"	15	3/5"	0,70	2/17177	1,38	2/17187	1,38
EB 250X30	250	10"	30	1 1/6"	0,80	2/17178	2,20	2/17188	2,20
EB 300X30	300	12"	30	1 1/6"	0,80	2/17179	2,52	2/17189	2,52
EB 400X30	400	16"	30	1 1/6"	0,80	2/17180	3,16	2/17190	3,16
EB 500X30	500	20"	30	1 1/6"	1,00	2/17181	4,74	2/17191	4,74
EB 600X30	600	24"	30	1 1/6"	1,00	2/17182	5,54	2/17192	5,54

2 x JUEB

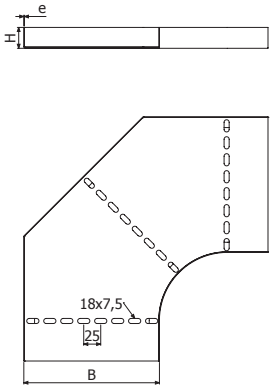


CPEB



	B		H		e	GS		i304	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/m
CPEB 50X10	50	2"	10	1/3"	0,70	2/17193	0,42	2/17203	0,42
CPEB 80X10	80	3"	10	1/3"	0,70	2/17194	0,55	2/17204	0,55
CPEB 100X15	100	4"	15	3/5"	0,70	2/17195	0,65	2/17205	0,65
CPEB 150X15	150	6"	15	3/5"	0,70	2/17196	0,92	2/17206	0,92
CPEB 200X15	200	8"	15	3/5"	0,70	2/17197	1,24	2/17207	1,24
CPEB 250X30	250	10"	30	1 1/6"	0,80	2/17198	1,61	2/17208	1,61
CPEB 300X30	300	12"	30	1 1/6"	0,80	2/17199	2,03	2/17209	2,03
CPEB 400X30	400	16"	30	1 1/6"	0,80	2/17200	3,01	2/17210	3,01
CPEB 500X30	500	20"	30	1 1/6"	1,00	2/17201	4,18	2/17211	4,18
CPEB 600X30	600	24"	30	1 1/6"	1,00	2/17202	5,54	2/17212	5,54

2 x JUEB

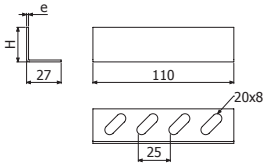


JUEB



	H		e	GS		i304	
	mm	inch	mm	REF.	kg/ud	REF.	kg/m
JUEB 10-15	10	3/8"	1	2/17269	0,03	2/17271	0,03
JUEB 30	27	1"	1,5	2/17270	0,06	2/17272	0,06

2/100 x B1 (2/4356 - GS // 2/4925 - i304)

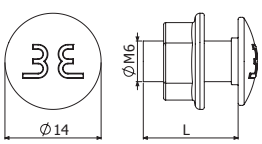


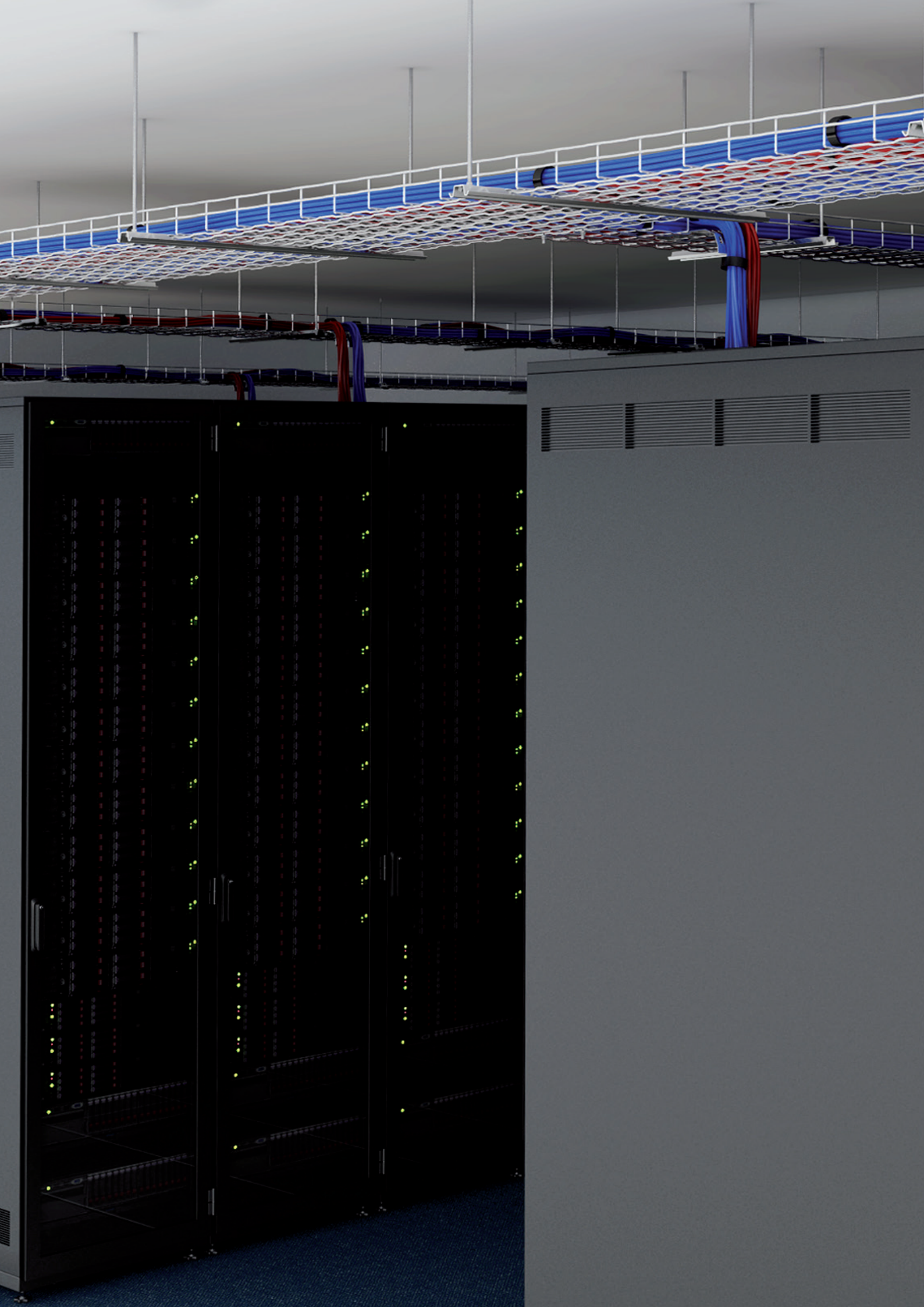
B1



	L	Pap	EZ		i304	
	mm	Nm	REF.	kg/ud	REF.	kg/m
B1-100	14	6	2/4356	0,77	-	-
B1-100	20	6	-	-	2/4925	0,77

10





basorfil

BF2R ..... P. 04

BFR ..... P. 06

EBFR ..... P. 10

A ..... P. 12







PRODUCTO CERTIFICADO ANCE MR CERTIFIED PRODUCT

UL CERTIFIED SAFETY US·CA E358301

IEC

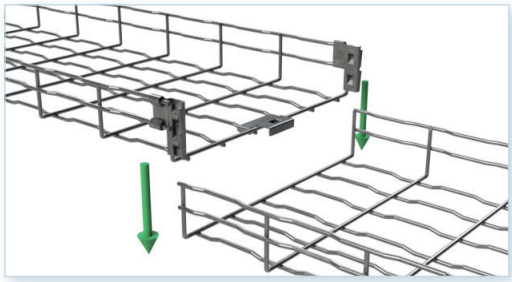
L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

3 8+ 9C
UNE-EN 61537

RoHS





4 s!



B		Filling Area H65 (2")		Filling Area H105 (4")	
mm	inch	cm²	in²	cm²	in²
60	2"	21	3,3	-	-
100	4"	43	6,7	81	12,6
150	6"	72	11,2	133	20,7
200	8"	100	15,5	186	28,8
300	12"	156	24,2	291	45,1
400	16"	212	32,9	396	61,4
450	18"	239	37,1	448	69,5
500	20"	268	41,5	501	77,7
600	24"	324	50,2	606	93,9

BF2R H65

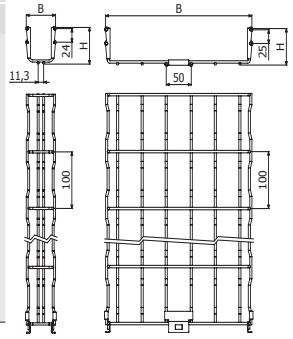


BF2R 60x65



L = 3 m (10 ft)

	B		H			EZ		EZ 1000		i304		i316	
	mm	inch	mm	inch		REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
BF2R 60X65	60	2"	65	2"	0	2/7389	0,54	2/17354	0,54	2/7516	0,59	2/18617	0,59
BF2R 100X65	100	4"	65	2"	0	2/7248	0,79	2/17355	0,79	2/7502	0,73	2/18618	0,73
BF2R 150X65	150	6"	65	2"	0	2/7249	0,84	2/17356	0,84	2/7503	0,86	2/18619	0,86
BF2R 200X65	200	8"	65	2"	0	2/7250	1,09	2/17357	1,09	2/7504	1,12	2/18620	1,12
BF2R 300X65	300	12"	65	2"	1	2/7251	1,60	2/17358	1,60	2/7505	1,72	2/18621	1,72
BF2R 400X65	400	16"	65	2"	1	2/7394	1,94	2/17359	1,94	2/7506	2,09	2/18622	2,09
BF2R 450X65	450	18"	65	2"	1	2/9989	2,33	2/17360	2,33	2/7530	1,94	2/18623	1,94
BF2R 500X65	500	20"	65	2"	2	2/7395	2,72	2/17361	2,72	2/7507	2,56	2/18624	2,56
BF2R 600X65	600	24"	65	2"	2	2/7396	3,13	2/17362	3,13	2/7508	2,95	2/18625	2,95



BF2R 60x65 BF2R H65

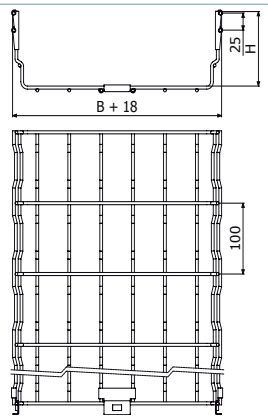
BF2R H105



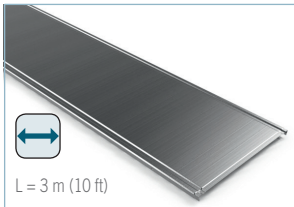
L = 3 m (10 ft)



	B		H			EZ		EZ 1000		i304		i316	
	mm	inch	mm	inch		REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
BF2R 100X105	100	4"	105	4"	0	2/7914	1,06	2/17363	1,06	2/18559	0,93	2/18626	0,93
BF2R 150X105	150	6"	105	4"	0	2/7915	1,23	2/17364	1,23	2/18560	1,10	2/18627	1,10
BF2R 200X105	200	8"	105	4"	0	2/7397	1,59	2/17365	1,59	2/7509	2,72	2/18628	1,72
BF2R 300X105	300	12"	105	4"	1	2/7398	1,93	2/17366	1,93	2/7510	2,09	2/18629	2,09
BF2R 400X105	400	16"	105	4"	1	2/7399	2,71	2/17367	2,71	2/7511	2,56	2/18630	2,56
BF2R 450X105	450	18"	105	4"	1	2/9990	2,92	2/17368	2,92	2/12109	2,71	2/18631	2,71
BF2R 500X105	500	20"	105	4"	2	2/7400	3,12	2/17369	3,12	2/7512	2,95	2/18632	2,95
BF2R 600X105	600	24"	105	4"	2	2/7401	3,53	2/17370	3,53	2/7513	3,34	2/18633	3,34



TERE (BF2R H65)

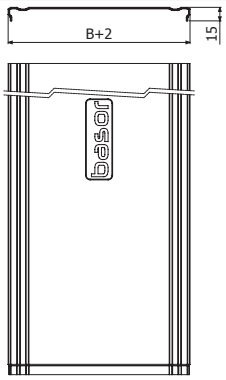


L = 3 m (10 ft)

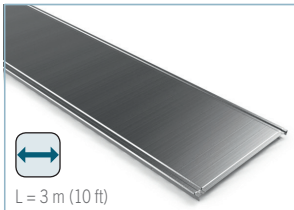
400/500/600 - L = 2 m (6,56 ft)



	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
TERE 100	100	4"	2/1312	0,55	2/1321	0,82	2/4560	0,71	2/18154	0,81
TERE 150	150	6"	2/1313	0,76	2/1322	1,05	2/5123	0,99	2/18155	1,13
TERE 200	200	8"	2/1314	0,98	2/1323	1,25	2/4561	1,27	2/18156	1,45
TERE 300	300	12"	2/1316	1,55	2/1325	1,83	2/4716	1,83	2/18157	2,09
TERE 400 2M	400	16"	2/1317	2,19	2/1326	2,75	2/4931	2,73	2/18158	2,73
TERE 500 2M	500	20"	2/1318	3,11	2/1327	3,85	2/4562	3,37	2/18159	3,37
TERE 600 2M	600	24"	2/1319	3,95	2/1328	4,58	2/5357	4,01	2/18160	4,01



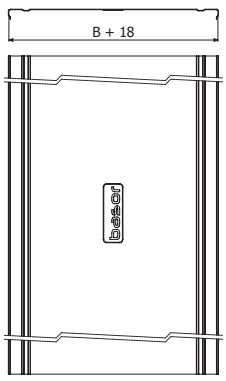
TEBFR (BF2R H105)

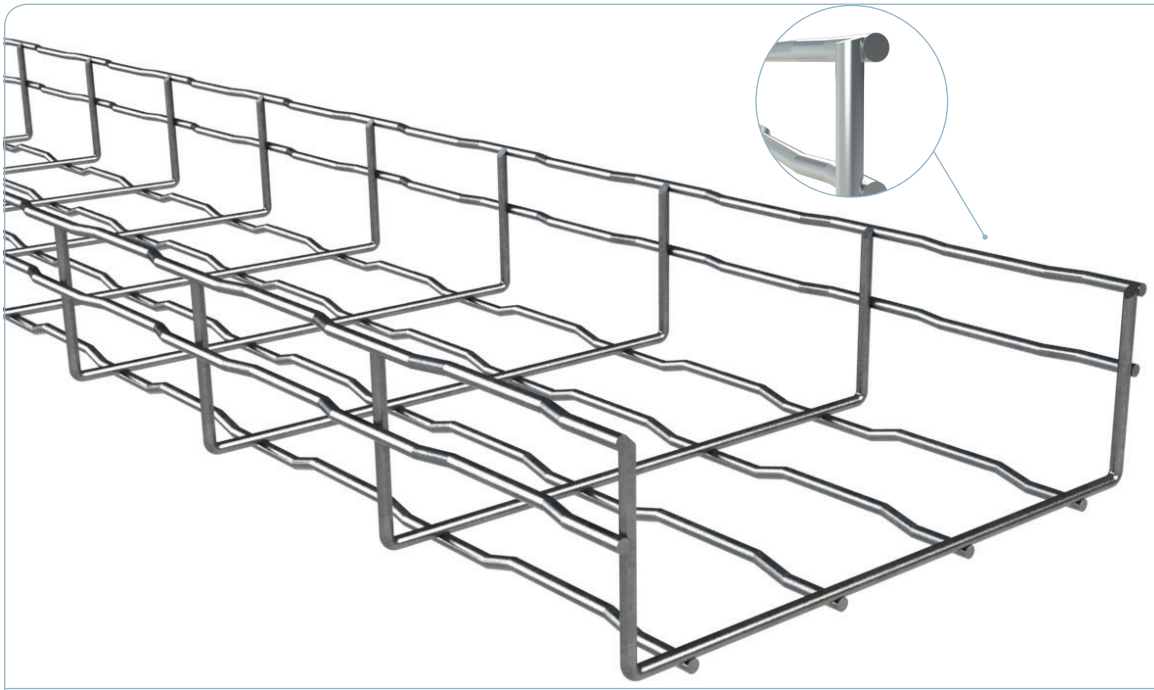


L = 3 m (10 ft)



	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
TEBFR 100	100	4"	2/9789	0,81	2/9886	0,83	2/18576	0,81	2/18643	0,81
TEBFR 150	150	6"	2/9790	1,09	2/9887	1,12	2/18577	1,09	2/18644	1,09
TEBFR 200	200	8"	2/9791	1,37	2/9888	1,41	2/18578	1,37	2/18645	1,37
TEBFR 300	300	12"	2/9792	2,21	2/9889	1,99	2/18579	1,93	2/18646	1,93
TEBFR 400	400	16"	2/9793	2,85	2/9890	2,56	2/18580	2,49	2/18647	2,49
TEBFR 500	500	20"	2/9794	4,36	2/9891	3,59	2/18581	3,49	2/18648	3,49
TEBFR 600	600	24"	2/9795	5,16	2/9892	4,25	2/18582	4,13	2/18649	4,13





L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

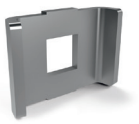
3 7
9C 9D
UNE-EN 61537


URBF


CGBF


ULA 65/105


CTBF


GBF


JUER-BFR 60/65

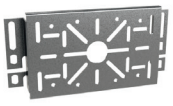

MU

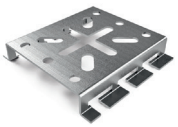

SSC


SL

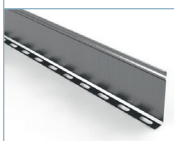

SLS


STB


SUC


SUCM


BJC


PS


PBF


CFBFR41


SFS

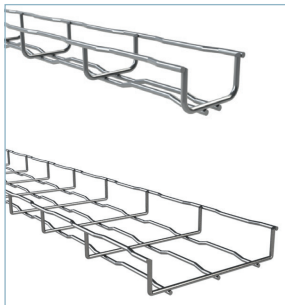

SST


SFL


PBF60

		Filling Area					
B		H35 (1 3/8")		H65 (2")		H105 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
60	2"	-	-	23	3,6	-	-
100	4"	23	3,5	47	7,3	-	-
150	6"	36	5,6	75	11,6	-	-
200	8"	50	7,7	102	15,8	193	30,0
300	12"	77	11,9	157	24,3	297	46,0
400	16"	-	-	212	32,9	401	62,2
500	20"	-	-	267	26,7	505	78,3
600	24"	-	-	322	49,9	609	94,4

BFR H35 EZ-GC

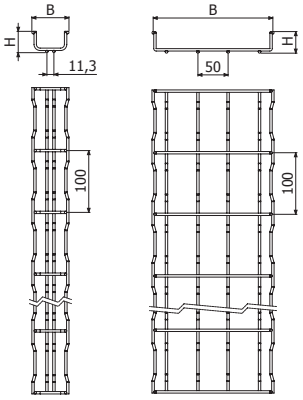


	B		H		EZ		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 60X35	60	2"	35	1 3/8"	2/6407	0,50	2/8230	0,51
BFR 100X35	100	4"	35	1 3/8"	2/3616	0,55	2/0286	0,63
BFR 150X35	150	6"	35	1 3/8"	2/3617	0,67	2/0287	0,73
BFR 200X35	200	8"	35	1 3/8"	2/3618	0,81	2/0288	0,89
BFR 300X35	300	12"	35	1 3/8"	2/3619	1,27	2/0289	1,39

100, 150, 200 2x CGBF (2/4364-EZ / 2/4360-GC).

300 3x CGBF (2/4364-EZ / 2/4360-GC)

L = 3 m (10 ft)



BFR 60x35 BFR H35

BFR H35 i304-i316

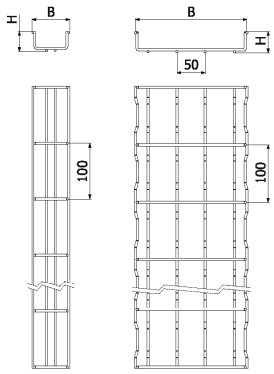


	B		H		i304		i316	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BF 60X35	60	2"	35	1 3/8"	2/6516	0,51	2/8233	0,51
BFR 100X35	100	4"	35	1 3/8"	2/0303	0,66	2/7415	0,67
BFR 150X35	150	6"	35	1 3/8"	2/0304	0,72	2/7416	0,73
BFR 200X35	200	8"	35	1 3/8"	2/0305	1,02	2/7417	1,03
BFR 300X35	300	12"	35	1 3/8"	2/0306	1,39	2/7418	1,39

≤ 200 2x CGBF (2/4915-i304 / 2/5358-i316)

≥300 3x CGBF (2/4915-i304 / 2/5358-i316)

L = 3 m (10 ft)



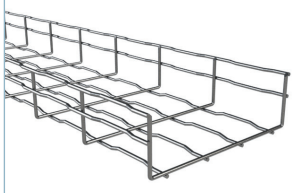
BF 60x35 BFR H35

BFR H65 EZ-GC



BFR 60x65

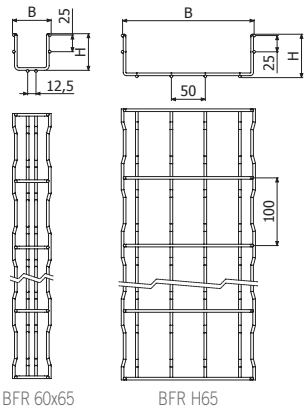
	B		H		EZ		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 60X65	60	2"	61	2"	2/10009	0,55	2/15576	0,60
BFR 100X65	100	4"	65	2"	2/3622	0,77	2/0291	0,83
BFR 150X65	150	6"	65	2"	2/3623	0,82	2/0292	0,89
BFR 200X65	200	8"	65	2"	2/3624	1,06	2/0293	1,15
BFR 300X65	300	12"	65	2"	2/3625	1,57	2/0294	1,69
BFR 400X65	400	16"	65	2"	2/4407	1,90	2/0295	2,05
BFR 500X65	500	20"	65	2"	2/4409	2,46	2/0296	2,65
BFR 600X65	600	24"	65	2"	2/3626	2,83	2/0297	3,05



≤ 200 2x URBF (2/6217-EZ / 2/6219-GC).

≥300 2x URBF (2/6217-EZ / 2/6219-GC) + 1x CGBF (2/4364-EZ / 2/4360-GC).

L = 3 m (10 ft)



BFR 60x65 BFR H65

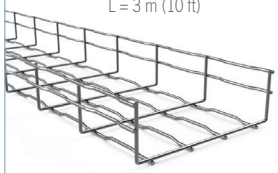
BASORFIL

BFR H65 i304-i316



BFR 60x65

L = 3 m (10 ft)

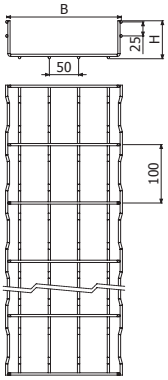


L = 3 m (10 ft)

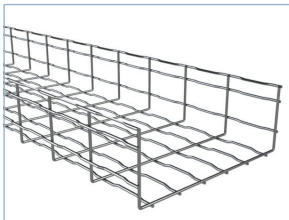
	B		H		i304		i316	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 60X65	60	2"	65	2"	2/0307	0,66	2/7419	0,67
BFR 100X65	100	4"	65	2"	2/0308	0,96	2/7420	0,97
BFR 150X65	150	6"	65	2"	2/0309	1,02	2/7421	1,03
BFR 200X65	200	8"	65	2"	2/0310	1,32	2/7422	1,33
BFR 300X65	300	12"	65	2"	2/0311	1,69	2/7423	1,69
BFR 400X65	400	16"	65	2"	2/0312	2,05	2/7424	2,05
BFR 500X65	500	20"	65	2"	2/0313	2,41	2/7425	2,41
BFR 600X65	600	24"	65	2"	2/0314	2,77	2/7426	2,78

≤ 200 2x CGBF (2/4915-i304 / 2/5358-i316)

≥300 3x CGBF (2/4915-i304 / 2/5358-i316)



BFR H105 EZ-GC

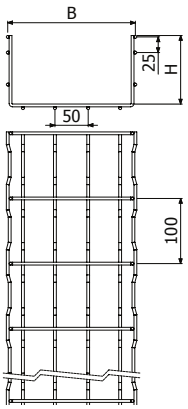


L = 3 m (10 ft)

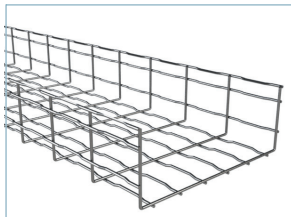
	B		H		EZ		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 200X105	200	8"	105	4"	2/4953	1,57	2/0298	1,69
BFR 300X105	300	12"	105	4"	2/4959	1,90	2/0299	2,05
BFR 400X105	400	16"	105	4"	2/4960	2,46	2/0300	2,65
BFR 500X105	500	20"	105	4"	2/4961	2,83	2/0301	3,05
BFR 600X105	600	24"	105	4"	2/6043	3,20	2/0302	3,45

≤ 200 2x URBF (2/6217-EZ / 2/6219-GC).

≥300 2x URBF (2/6217-EZ / 2/6219-GC) + 1x CGBF (2/4364-EZ / 2/4360-GC).



BFR H105 i304-i316

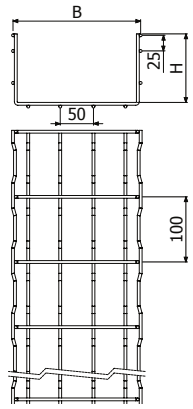


L = 3 m (10 ft)

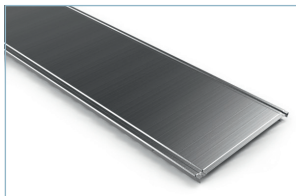
	B		H		i304		i316	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 200X105	200	8"	105	4"	2/0315	1,69	2/7427	1,69
BFR 300X105	300	12"	105	4"	2/0316	2,05	2/7428	2,05
BFR 400X105	400	16"	105	4"	2/0317	2,41	2/7429	2,41
BFR 500X105	500	20"	105	4"	2/0318	2,77	2/7430	2,78
BFR 600X105	600	24"	105	4"	2/0319	3,14	2/7431	3,14

≤ 200 2x CGBF (2/4915-i304 / 2/5358-i316)

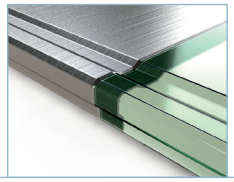
≥300 3x CGBF (2/4915-i304 / 2/5358-i316)



TERE

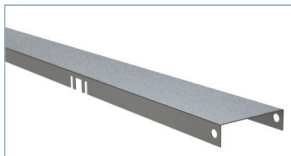


L = 3 m (10 ft)
100/150/200/300

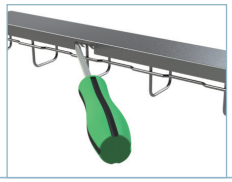


	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
TERE 100	100	4”	2/1312	0,55	2/1321	0,82	2/4560	0,71	2/18154	0,81
TERE 150	150	6”	2/1313	0,76	2/1322	1,14	2/5123	0,99	2/18155	1,13
TERE 200	200	8”	2/1314	0,98	2/1323	1,46	2/4561	1,27	2/18156	1,45
TERE 300	300	12”	2/1316	1,55	2/1325	2,11	2/4716	1,83	2/18157	2,09
TERE 400 2M	400	16”	2/1317	2,19	2/1326	2,75	-	-	-	-
TERE 500 2M	500	20”	2/1318	3,11	2/1327	3,85	-	-	-	-
TERE 600 2M	600	24”	2/1319	3,95	2/1328	4,58	-	-	-	-
TERE 400 3M	400	16”	-	-	-	-	2/4931	2,73	2/18158	2,73
TERE 500 3M	500	20”	-	-	-	-	2/4562	3,37	2/18159	3,37
TERE 600 3M	600	24”	-	-	-	-	2/5357	4,01	2/18160	4,01

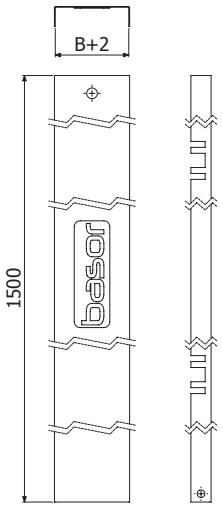
TBF 60

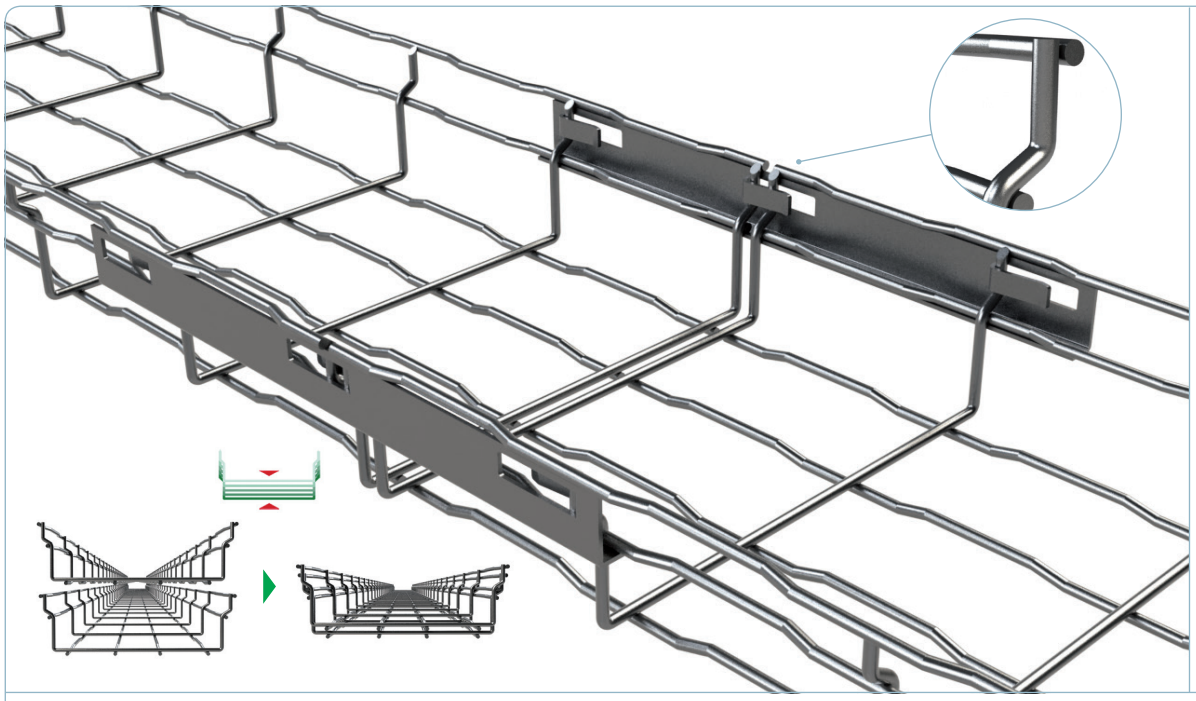


L = 1,5 m (5 ft)



	B		GS		GC		i304	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m
TBF 60 1,5M	60	2”	2/6044	0,55	2/3614	0,63	2/5594	0,55





L > 100 m *
UNE-EN 61537

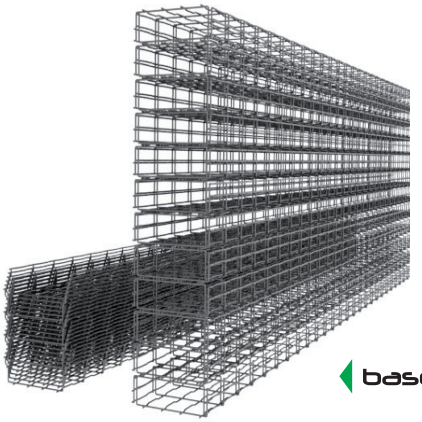
M0
UNE-EN 61537
UNE 23727

150ºC
50ºC
UNE-EN 61537

3 7
UNE-EN 61537

H65 (2")

-66%



H105 (4")

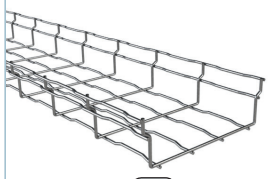
-50%

basorfil Energy e-BF-R

basorfil BF-R

Filling Area					
B		H65 (2")		H105 (4")	
mm	inch	cm²	in²	cm²	in²
60	2"	21	3,3	-	-
100	4"	43	6,7	-	-
150	6"	72	11,2	-	-
200	8"	100	15,5	186	28,8
300	12"	156	24,2	291	45,1
400	16"	212	32,9	396	61,4
500	20"	268	41,5	501	77,7
600	24"	324	50,2	606	93,9

EBFR H65



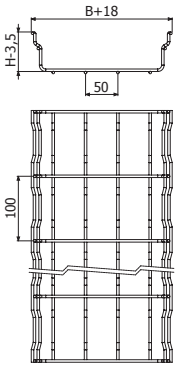
L = 3 m (10 ft)

basorfil Energy 3 E-BFR

	B		H		EZ		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
EBFR 100x65	100	4"	65	2"	2/7305	0,77	2/7326	0,83		
EBFR 150x65	150	6"	65	2"	2/7306	0,82	2/7327	0,89		
EBFR 200x65	200	8"	65	2"	2/7307	1,06	2/7328	1,15		
EBFR 300x65	300	12"	65	2"	2/7308	1,57	2/7329	1,69		
EBFR 400x65	400	16"	65	2"	2/7309	1,90	2/7330	2,05		
EBFR 500x65	500	20"	65	2"	2/7310	2,46	2/7331	2,65		
EBFR 600x65	600	24"	65	2"	2/7311	2,83	2/7332	3,05		

B ≤ 200 2x CGBF (2/4364-EZ / 2/4360-GC)

B ≥300 3x CGBF (2/4364-EZ / 2/4360-GC)



EBFR H105



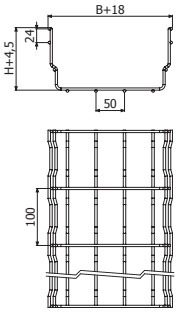
L = 3 m (10 ft)

basorfil Energy 3 E-BFR

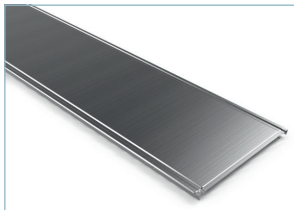
	B		H		EZ		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
EBFR 200x105	200	8"	105	4"	2/7312	1,57	2/7333	1,69		
EBFR 300x105	300	12"	105	4"	2/7313	1,90	2/7334	2,05		
EBFR 400x105	400	16"	105	4"	2/7314	2,46	2/7335	2,65		
EBFR 500x105	500	20"	105	4"	2/7315	2,83	2/7336	3,05		
EBFR 600x105	600	24"	105	4"	2/7316	3,20	2/7337	3,45		

B ≤ 200 2x URBF (2/6217-EZ / 2/6219-GC)

B ≥300 2x URBF (2/6217-EZ / 2/6219-GC) + 1x CGBF (2/4364-EZ - 2/4360-GC)



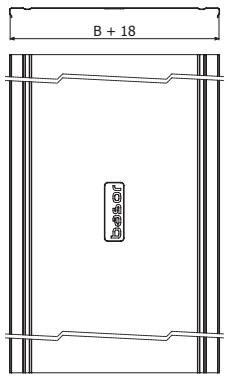
TEBFR



L = 3 m (10 ft)



	B		GS		GC		i304	i316
	mm	inch	REF.	kg/m	REF.	kg/m		
TEBFR 100	100	4"	2/9789	0,81	2/9886	1,05		
TEBFR 150	150	6"	2/9790	1,09	2/9887	1,28		
TEBFR 200	200	8"	2/9791	1,37	2/9888	1,61		
TEBFR 300	300	12"	2/9792	2,21	2/9889	2,57		
TEBFR 400	400	16"	2/9793	2,85	2/9890	3,31		
TEBFR 500	500	20"	2/9794	4,36	2/9891	4,98		
TEBFR 600	600	24"	2/9795	5,16	2/9892	5,89		



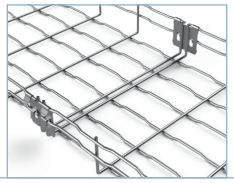
URBF

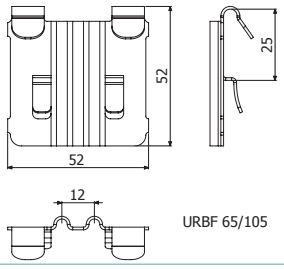

URBF 35


URBF 65/105

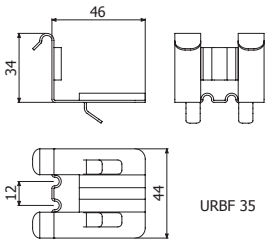
	EZ		GC	
	REF.	kg/ud	REF.	kg/ud
URBF 65/105	2/6217	0,03	2/6219	0,03
URBF 35	2/7271	0,04	2/7272	0,04

65 / 105
105
65
UR BFR 65/105 EBFR 105
UR BFR 35





URBF 65/105



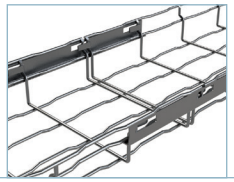
URBF 35

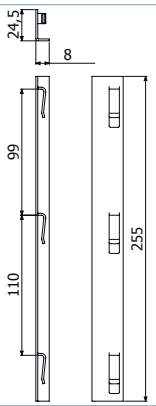
UREBF



	GS		GC	
	REF.	kg/ud	REF.	kg/ud
UREBF 65	2/9870	0,10	2/9871	0,11

65
B<600





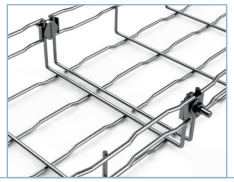
CGBF

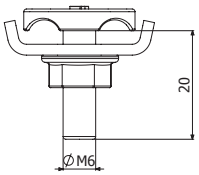


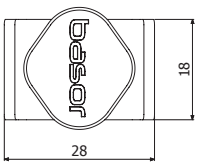
	Pap	EZ		GC		i304		i316	
	Nm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CGBF	6	2/4364	0,03	2/4360	0,03	2/4915	0,03	2/5358	0,03

CTBF + GBF

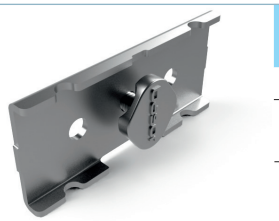
10

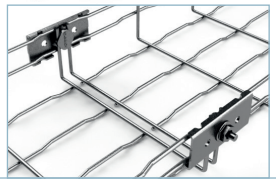






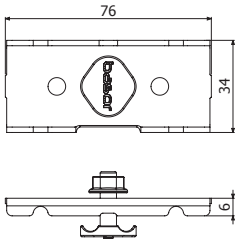
ULA





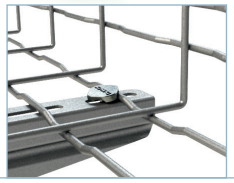
	Pap	EZ		GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
ULA 65/105	6	2/4919	0,06	2/4363	0 ,08	2/4921	0,06

10



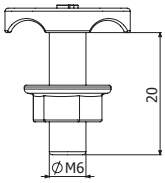
CTBF

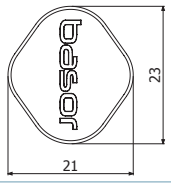




	Pap	EZ		GC		i304		i316	
	Nm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	Ref.	kg/ud
CTBF	6	2/4362	0,02	2/7132	0,02	2/4923	0,02	2/8229	0,02

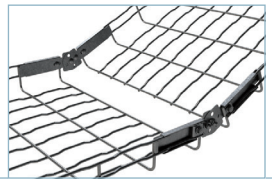
10





JUBFR-A

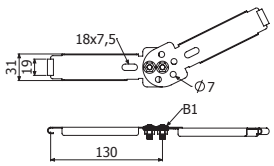




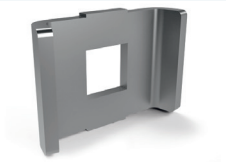
	GS		i304	
	REF.	kg/ud	Ref.	kg/ud
JUBFR-A 65/105	2/9868	0,12	2/9869	0,12

2 x GBF (2/0337-EZ / 2/0340-i304) + 2 x B1 (2/4356-EZ / 2/4925-i304)

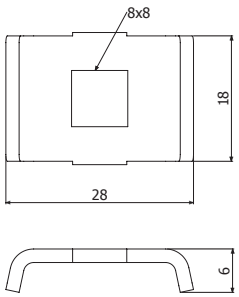
10



GBF



	EZ		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
GBF	2/0337	0,01	2/0339	0,01	2/0340	0,01	2/1104	0,01

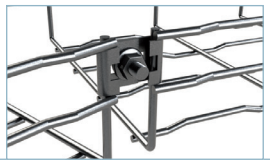


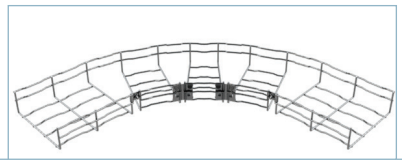
UCBF

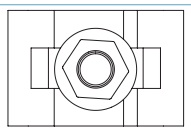


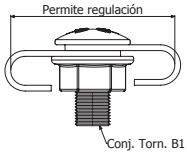
	Pap	EZ		GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
UCBF	6	2/5059	0,025	2/5060	0,03	2/5093	0,03

10

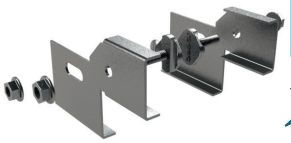








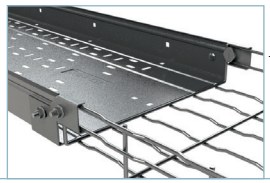
JUER-BFR

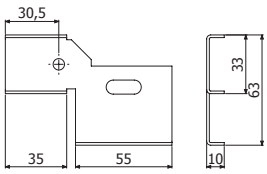


	i304		i316	
	REF.	kg/ud	REF.	kg/ud
JUER-BFR 60/65	2/7018	0,18	2/18387	0,18

2 x CTBF + 2/100 x B1

10



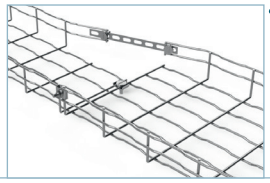


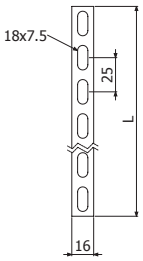
MU



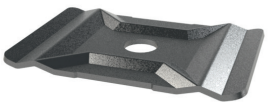
	L	GS		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
MU 500	500	2/0357	0,05	2/9872	0,06	2/14244	0,06
MU 275	275	2/10007	0,05	☎	☎	☎	☎

2 x CTBF



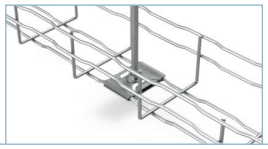


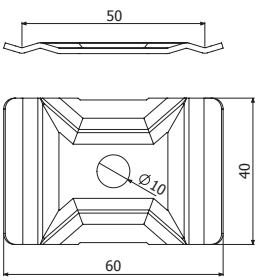
SSC



	EZ		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SSC	2/2064	0,03	2/0363	0,03	2/0373	0,03	2/18553	0,03

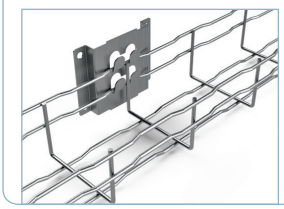
M8





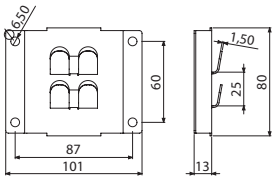
SL





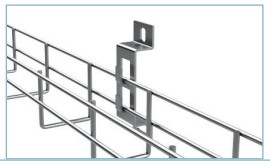
	GS		GC		i304	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SL	2/0355	0,08	2/0365	0,13	2/0375	0,08

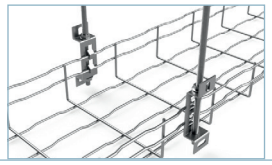
Mod. 60x65 - 100x65.



SLS



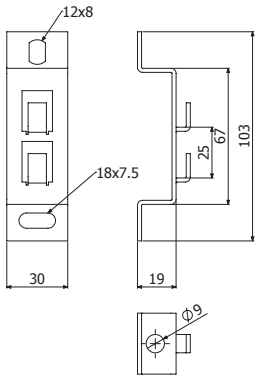




	GS		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SLS	2/0360	0,05	2/0370	0,05	2/0380	0,05	2/18561	0,05

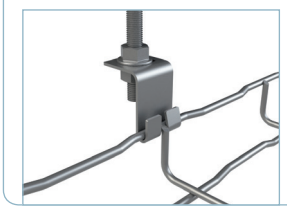
BFR/BF2R 60x65 - 100x65

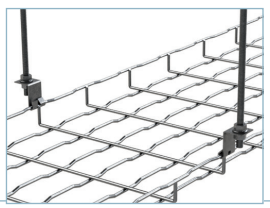
BFR/BF2R 60x65..200x65



SST

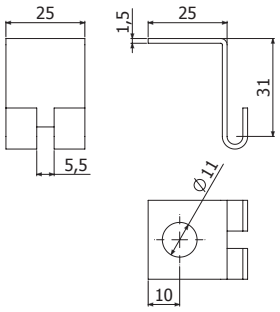






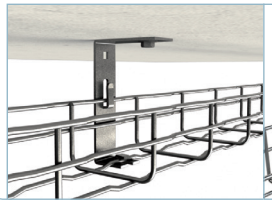
	GS	
	REF.	kg/ud
SST	2/5724	0,03

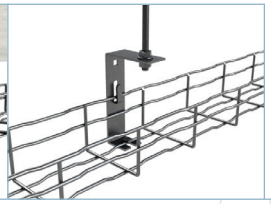
H35 + VR8/VR10



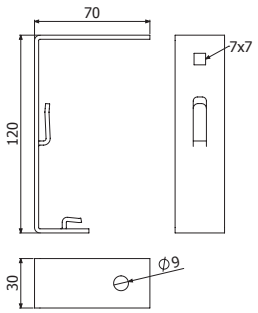
STBF





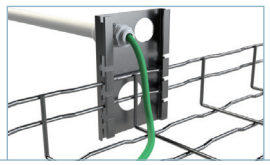


	GS		GC	
	REF.	kg/ud	REF.	kg/ud
STBF 100X35	2/9675	0,05	2/9857	0,07
STBF 60X65	2/17314	0,10	☎	☎
STBF 100X65	2/0886	0,13		

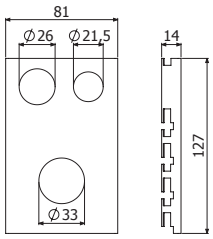


STB



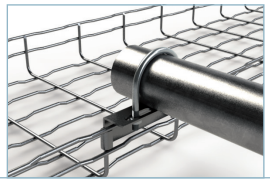


	GS		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
STB 16-32	2/0356	0,14	2/0366	0,14	2/0376	0,14	2/18562	0,14



STBU

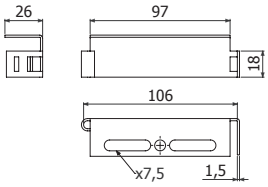




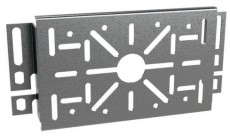
	GS	
	REF.	kg/ud
STBU	2/5834	0,05

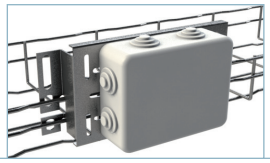
H65/H105

H105

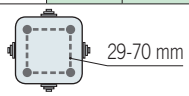


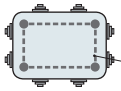
SUC

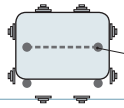


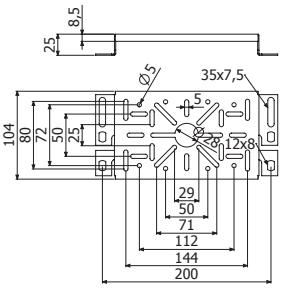


	GS		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SUC	2/0358	0,28	2/0368	0,30	2/0378	0,28	2/18563	0,28

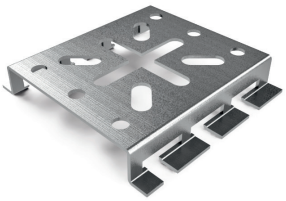

29-70 mm

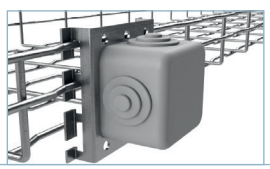

79x50, 98-128x50, 15-55x82


L: 30 -147

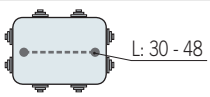


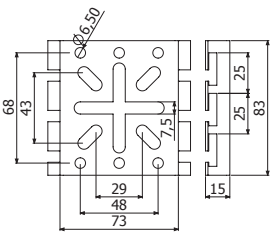
SUCM





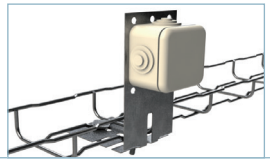
	GS		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SUCM	2/0359	0,08	2/0369	0,12	2/0379	0,08	2/18564	0,08


L: 30 - 48



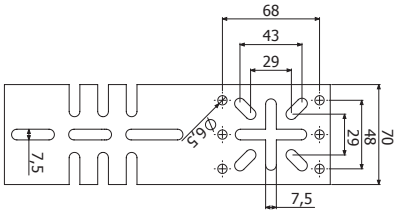
SUCM 35



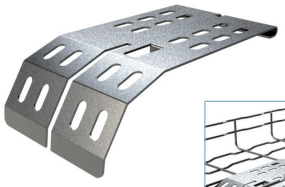


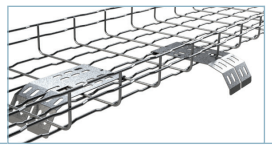
	GS		GC		i304
	REF.	kg/ud	REF.	kg/ud	
SUCM 35	2/6343	0,11	2/7256	0,12	

2 x CTBF (2/4362-EZ // 2/7132-GC // 2/4923-i304)

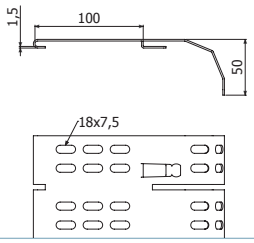


BJC

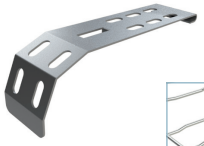




	GS		GC	
	REF.	kg/ud	REF.	kg/ud
BJC	2/6451	0,18	2/6452	0,20

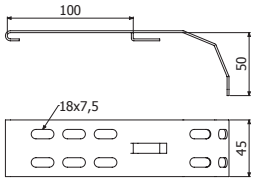


BJCM



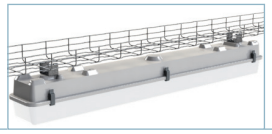


	GS	
	REF.	kg/ud
BJCM	2/9807	0,115

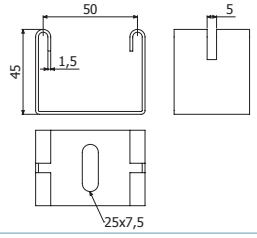


SFL



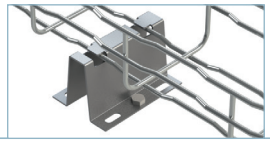


	GS		i304	
	REF.	kg/ud	REF.	kg/ud
SFL	2/5906	0,09	2/11308	0,08

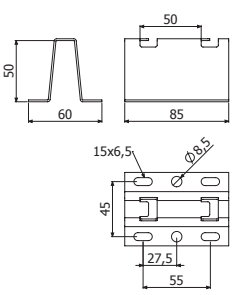


PBF





	e	CTA		GS		GC		i304		i316	
	mm	kg	lb	REF.	kg/ud	REF.	kg/m	REF.	kg/ud	REF.	kg/ud
PBF	1,5	250	551	2/5590	0,13	2/4397	0,14	2/8777	0,13	2/18565	0,13



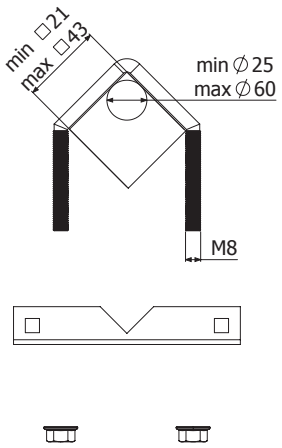
KFS



	GS	
	REF.	kg/ud
KFS	2/8231	0,25

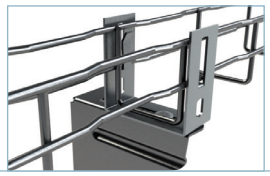
13 C-SVO



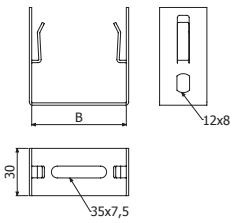


PBF60





	B		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud
PBF60	60	2"	2/7304	0,14	2/18566	0,14



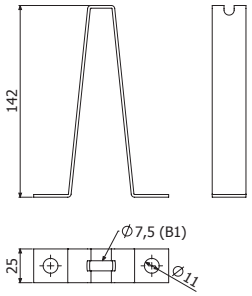
SFS



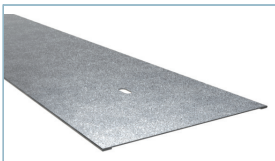


	GS	
	REF.	kg/m
SFS	2/5602	0,14

C-SVO + 2 x SFS + 2/100 x B1



FSBFR

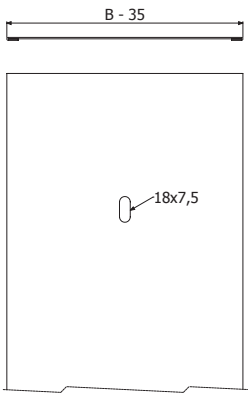


L = 3 m (10 ft)

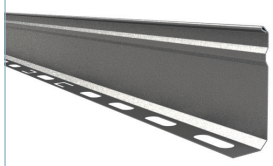


	B		GS	
	mm	inch	REF.	kg/m
FSBFR 100	100	4"	2/9658	0,61
FSBFR 150	150	6"	2/9659	1,01
FSBFR 200	200	8"	2/9660	1,41
FSBFR 300	300	12"	2/9661	2,22
FSBFR 400	400	16"	2/9662	3,03
FSBFR 500	500	20"	2/9663	3,83
FSBFR 600	600	24"	2/9664	4,63

1/100 x B1 (2/4356-EZ // 2/6826-GC) + GBF (2/0337-EZ // 2/0339-GC) (1000 <-> 1000 mm)



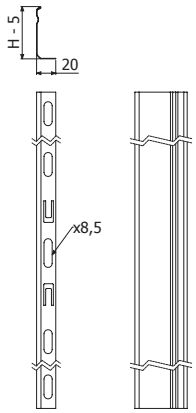
PS



L = 3 m (10 ft)

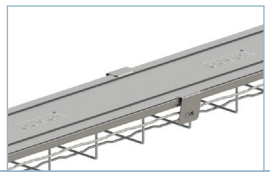


	H		GS		GC		i304	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m
PS 35	35	1 3/8"	2/3476	0,29	2/3479	0,29	2/11227	0,29
PS 60	60	2"	2/2066	0,34	2/3480	0,43	2/3645	0,34
PS 80	80	3 1/7"	2/3477	0,46	2/3481	0,63	2/11228	0,46
PS 100	100	4"	2/3478	0,56	2/3482	0,76	2/5138	0,56



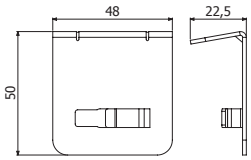
PTBFR





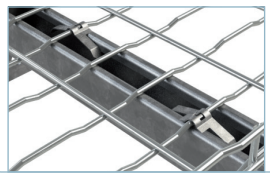
	GS		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
PTBFR	2/10253	0,04	2/10254	0,04	2/18554	0,04

4 x PTBFR => 1 x TERE (BFR)



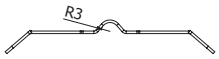
CFBFR

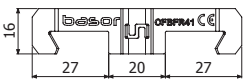




	i301		i316	
	REF.	kg/ud	REF.	kg/ud
CFBFR41	2/10284	0,01	2/18567	0,01

SP, SP3S, 41/82





A



TDC



BPZ

	REF.	kg/ud
TDC	2/5066	1,54
BPZ 400 ml.	2/7224	0,44



basortrav

FE H60 ..... P. 04

FE H75/100/120/150 ..... P. 18

F2E H100/120/150 ..... P. 21

BSL/BSLR ..... P. 58

RP ..... P. 72

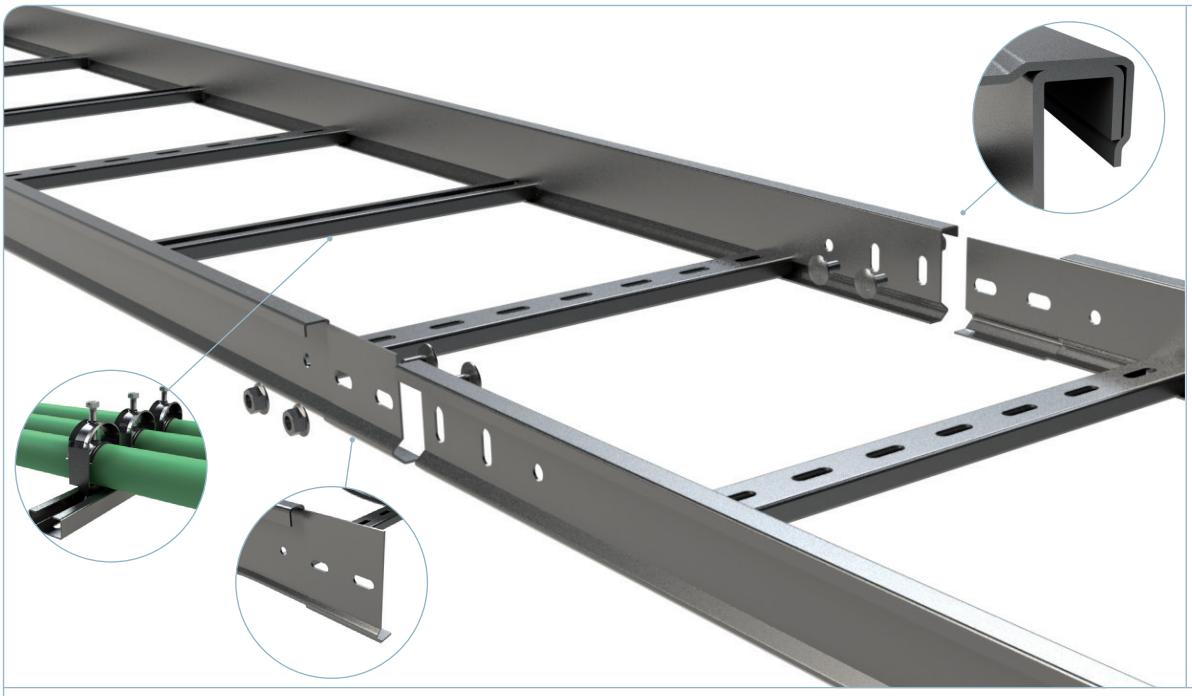
F ..... P. 78

UEC ..... P. 82

I ..... P. 88

EML ..... P. 108

EMS ..... P. 109



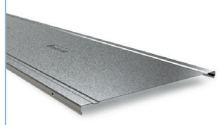
L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150C
-50C
UNE-EN 61537

6 7
UNE-EN 61537

20J
UNE-EN 61537


TFE/TFEL


CPFE-125 H60


CCXFE-125 H60


TEFE-125 H60


CRFE-125 H60


CPFE-300


CCFE-300


CXFE-300


TEFE-300

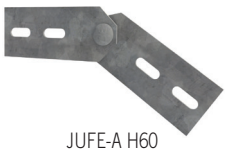

CRFE-300


REFE H60


BFE


PTFE


JUFE H60


JUFE-A H60


JUFE-B H60

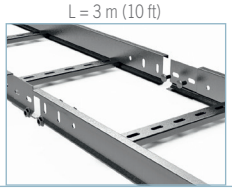

B2

Filling Area			
B		H60 (2 3/8")	
mm	inch	cm²	in²
100	4"	**45**	7,0
150	6"	**67**	10,4
200	8"	**89**	13,8
300	12"	**134**	20,8
400	16"	**178**	27,6
500	20"	**223**	36,1
600	24"	**267**	41,4

FE H60

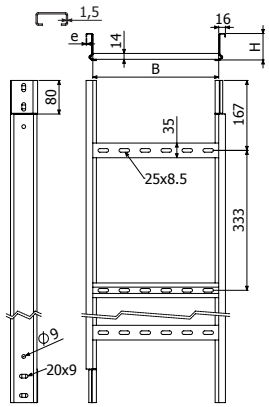


L = 3 m (10 ft)

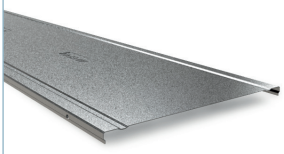


	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 100x60x1,5-333 3M	100	4''	63	2 1/2"	1,5	2/0749	2,70
FE 150x60x1,5-333 3M	150	6''	63	2 1/2"	1,5	2/0750	2,84
FE 200x60x1,5-333 3M	200	8''	63	2 1/2"	1,5	2/0751	2,97
FE 300x60x1,5-333 3M	300	12''	63	2 1/2"	1,5	2/0752	3,24
FE 400x60x1,5-333 3M	400	16''	63	2 1/2"	1,5	2/0753	3,50
FE 500x60x1,5-333 3M	500	20''	63	2 1/2"	1,5	2/0754	3,77
FE 600x60x1,5-333 3M	600	24''	63	2 1/2"	1,5	2/0755	4,03

4/100 x B2 (2/6792 - GC)



TFE

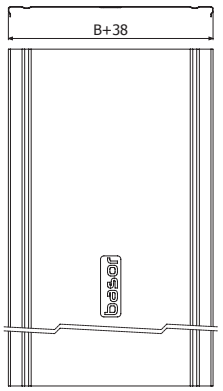


L = 3 m (10 ft)

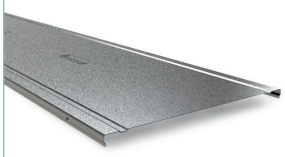
400/500/600 - L= 2 m (6,56 ft)

	B		e	GC	
	mm	inch	mm	REF.	kg/m
TFE 100x1,5 3M	100	4''	1,5	2/4937	2,06
TFE 150x1,5 3M	150	6''	1,5	2/4472	2,66
TFE 200x1,5 3M	200	8''	1,5	2/4473	3,26
TFE 300x1,5 3M	300	12''	1,5	2/3579	4,46
TFE 400x1,5 2M	400	16''	1,5	2/4430	5,66
TFE 500x1,5 2M	500	20''	1,5	2/4509	6,86
TFE 600x1,5 2M	600	24''	1,5	2/4494	8,06

4 x PTFE/PTFE-E60 -> 1 x TFE



TFEL

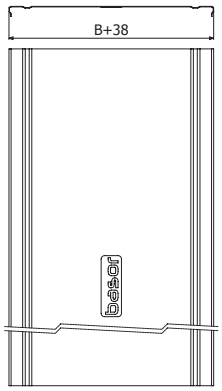


L = 3 m (10 ft)

400/500/600 - L= 2 m (6,56 ft)

	B		e	GC	
	mm	inch	mm	REF.	kg/m
TFEL 100x0,8 3M	100	4"	0,8	2/10000	1,10
TFEL 150x0,8 3M	150	6"	0,8	2/10001	1,42
TFEL 200x0,8 3M	200	8"	0,8	2/10002	1,74
TFEL 300x0,8 3M	300	12"	0,8	2/10003	2,38
TFEL 400x1 2M	400	16"	1	2/10004	3,78
TFEL 500x1 2M	500	20"	1	2/10005	4,58
TFEL 600x1 2M	600	24"	1	2/10006	5,38

4 x PTFE/PTFE-E60 -> 1 x TFEL



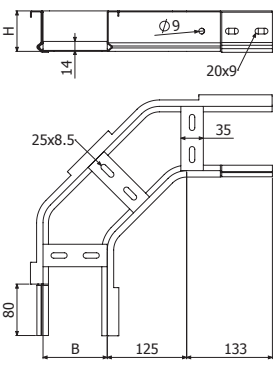
CPFE-125 H60





	A	R		B		H		e	GC	
	°	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CPFE 100x60x1,5	90	125	5"	100	4"	63	2 1/2"	1,5	2/0770	1,53
CPFE 150x60x1,5	90	125	5"	150	6"	63	2 1/2"	1,5	2/0771	1,77
CPFE 200x60x1,5	90	125	5"	200	8"	63	2 1/2"	1,5	2/0772	2,01
CPFE 300x60x1,5	90	125	5"	300	12"	63	2 1/2"	1,5	2/0773	2,48
CPFE 400x60x1,5	90	125	5"	400	16"	63	2 1/2"	1,5	2/0774	2,85
CPFE 500x60x1,5	90	125	5"	500	20"	63	2 1/2"	1,5	2/0775	3,42
CPFE 600x60x1,5	90	125	5"	600	24"	63	2 1/2"	1,5	2/0776	3,89

4/100 x B2 (2/6792 - GC)



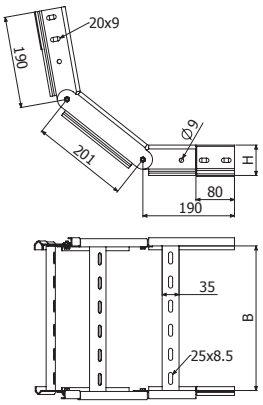
CCXFE-125 H60





	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCXFE 100x60x1,5	100	4"	63	2 1/2"	1,5	2/5222	1,53
CCXFE 150x60x1,5	150	6"	63	2 1/2"	1,5	2/5223	1,66
CCXFE 200x60x1,5	200	8"	63	2 1/2"	1,5	2/5224	1,80
CCXFE 300x60x1,5	300	12"	63	2 1/2"	1,5	2/5225	2,08
CCXFE 400x60x1,5	400	16"	63	2 1/2"	1,5	2/5226	2,35
CCXFE 500x60x1,5	500	20"	63	2 1/2"	1,5	2/5227	2,63
CCXFE 600x60x1,5	600	24"	63	2 1/2"	1,5	2/5228	2,90

4/100 x B2 (2/6792 - GC)

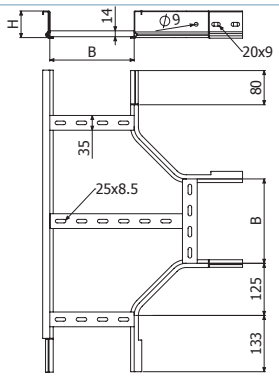


TEFE-125 H60

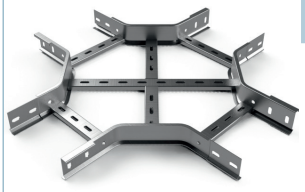


	R		B		H		e	GC	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
TEFE 100x60x1,5	125	5"	100	4"	63	2 1/2"	1,5	2/0812	2,19
TEFE 150x60x1,5	125	5"	150	6"	63	2 1/2"	1,5	2/0813	2,43
TEFE 200x60x1,5	125	5"	200	8"	63	2 1/2"	1,5	2/0814	2,66
TEFE 300x60x1,5	125	5"	300	12"	63	2 1/2"	1,5	2/0815	3,12
TEFE 400x60x1,5	125	5"	400	16"	63	2 1/2"	1,5	2/0816	4,03
TEFE 500x60x1,5	125	5"	500	20"	63	2 1/2"	1,5	2/0817	4,59
TEFE 600x60x1,5	125	5"	600	24"	63	2 1/2"	1,5	2/0818	5,76

4/100 x B2 (2/6792 - GC)

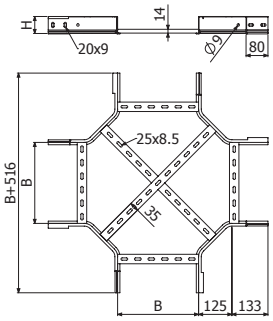


CRFE-125 H60



	R		B		H		e	GC	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CRFE 100x60x1,5	125	5"	100	4"	63	2 1/2"	1,5	2/0833	2,88
CRFE 150x60x1,5	125	5"	150	6"	63	2 1/2"	1,5	2/0834	3,18
CRFE 200x60x1,5	125	5"	200	8"	63	2 1/2"	1,5	2/0835	3,48
CRFE 300x60x1,5	125	5"	300	12"	63	2 1/2"	1,5	2/0836	4,07
CRFE 400x60x1,5	125	5"	400	16"	63	2 1/2"	1,5	2/0837	4,66
CRFE 500x60x1,5	125	5"	500	20"	63	2 1/2"	1,5	2/0838	5,25
CRFE 600x60x1,5	125	5"	600	24"	63	2 1/2"	1,5	2/0839	6,50

4/100 x B2 (2/6792 - GC)



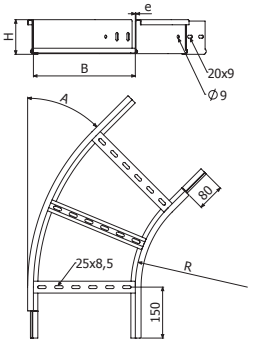
CPFE30-300





	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE30-300 100X60X1.5	30	300	12"	100	4"	63	2 1/2"	2/17613	1,30
CPFE30-300 150X60X1.5	30	300	12"	150	6"	63	2 1/2"	2/17614	1,42
CPFE30-300 200X60X1.5	30	300	12"	200	8"	63	2 1/2"	2/17615	1,55
CPFE30-300 300X60X1.5	30	300	12"	300	12"	63	2 1/2"	2/17616	1,79
CPFE30-300 400X60X1.5	30	300	12"	400	16"	63	2 1/2"	2/17617	2,40
CPFE30-300 500X60X1.5	30	300	12"	500	20"	63	2 1/2"	2/17618	2,74
CPFE30-300 600X60X1.5	30	300	12"	600	24"	63	2 1/2"	2/17619	3,08

4/100 x B2 (2/6792 - GC)



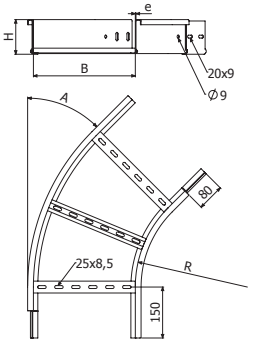
CPFE45-300





	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE45-300 100X60X1.5	45	300	12"	100	4"	63	2 1/2"	2/17613	1,80
CPFE45-300 150X60X1.5	45	300	12"	150	6"	63	2 1/2"	2/17614	1,98
CPFE45-300 200X60X1.5	45	300	12"	200	8"	63	2 1/2"	2/17615	2,35
CPFE45-300 300X60X1.5	45	300	12"	300	12"	63	2 1/2"	2/17616	2,72
CPFE45-300 400X60X1.5	45	300	12"	400	16"	63	2 1/2"	2/17617	3,09
CPFE45-300 500X60X1.5	45	300	12"	500	20"	63	2 1/2"	2/17618	3,46
CPFE45-300 600X60X1.5	45	300	12"	600	24"	63	2 1/2"	2/17619	3,08

4/100 x B2 (2/6792 - GC)



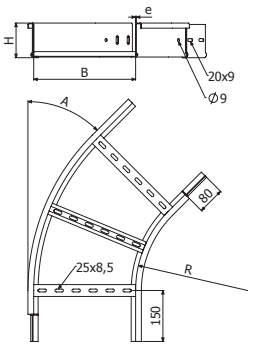
CPFE60-300



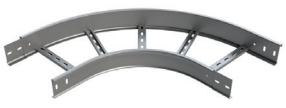


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE60-300 100X60X1,5	60	300	12"	100	4"	63	2 1/2"	2/17627	1,84
CPFE60-300 150X60X1,5	60	300	12"	150	6"	63	2 1/2"	2/17628	2,04
CPFE60-300 200X60X1,5	60	300	12"	200	8"	63	2 1/2"	2/17629	2,24
CPFE60-300 300X60X1,5	60	300	12"	300	12"	63	2 1/2"	2/17630	2,64
CPFE60-300 400X60X1,5	60	300	12"	400	16"	63	2 1/2"	2/17631	3,40
CPFE60-300 500X60X1,5	60	300	12"	500	20"	63	2 1/2"	2/17632	3,89
CPFE60-300 600X60X1,5	60	300	12"	600	24"	63	2 1/2"	2/17633	4,39

4/100 x B2 (2/6792 - GC)



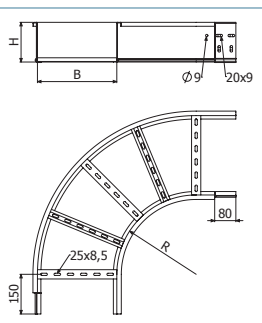
CPFE-300





	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE-300 100X60X1,5	90	300	12"	100	4"	63	2 1/2"	2/17634	2,37
CPFE-300 150X60X1,5	90	300	12"	150	6"	63	2 1/2"	2/17635	2,65
CPFE-300 200X60X1,5	90	300	12"	200	8"	63	2 1/2"	2/17636	2,93
CPFE-300 300X60X1,5	90	300	12"	300	12"	63	2 1/2"	2/17637	3,49
CPFE-300 400X60X1,5	90	300	12"	400	16"	63	2 1/2"	2/17638	4,40
CPFE-300 500X60X1,5	90	300	12"	500	20"	63	2 1/2"	2/17639	5,05
CPFE-300 600X60X1,5	90	300	12"	600	24"	63	2 1/2"	2/17640	5,70

4/100 x B2 (2/6792 - GC)



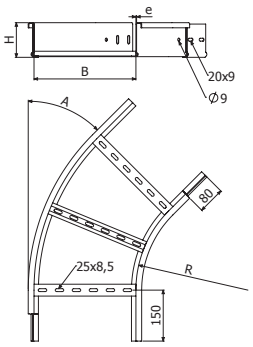
CPFE30-600





	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE30-600 100X60X1,5	30	600	24"	100	4"	63	2 1/2"	2/17620	1,77
CPFE30-600 150X60X1,5	30	600	24"	150	6"	63	2 1/2"	2/17621	1,94
CPFE30-600 200X60X1,5	30	600	24"	200	8"	63	2 1/2"	2/17622	2,11
CPFE30-600 300X60X1,5	30	600	24"	300	12"	63	2 1/2"	2/17623	2,45
CPFE30-600 400X60X1,5	30	600	24"	400	16"	63	2 1/2"	2/17624	2,78
CPFE30-600 500X60X1,5	30	600	24"	500	20"	63	2 1/2"	2/17625	3,12
CPFE30-600 600X60X1,5	30	600	24"	630	24"	63	2 1/2"	2/17626	3,46

4/100 x B2 (2/6792 - GC)



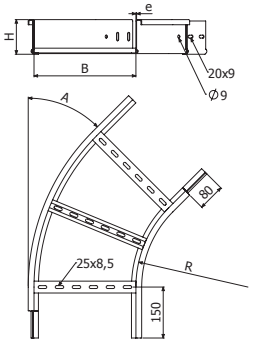
CPFE45-600





	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE45-600 100X60X1,5	45	600	24"	100	4"	63	2 1/2"	2/17648	2,28
CPFE45-600 150X60X1,5	45	600	24"	150	6"	63	2 1/2"	2/17649	2,51
CPFE45-600 200X60X1,5	45	600	24"	200	8"	63	2 1/2"	2/17650	2,74
CPFE45-600 300X60X1,5	45	600	24"	300	12"	63	2 1/2"	2/17651	3,20
CPFE45-600 400X60X1,5	45	600	24"	400	16"	63	2 1/2"	2/17652	3,66
CPFE45-600 500X60X1,5	45	600	24"	500	20"	63	2 1/2"	2/17653	4,12
CPFE45-600 600X60X1,5	45	600	24"	630	24"	63	2 1/2"	2/17654	4,58

4/100 x B2 (2/6792 - GC)



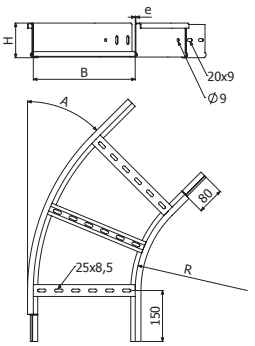
CPFE60-600





	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE60-600 100X60X1,5	60	600	24"	100	4"	63	2 1/2"	2/17655	2,69
CPFE60-600 150X60X1,5	60	600	24"	150	6"	63	2 1/2"	2/17656	2,94
CPFE60-600 200X60X1,5	60	600	24"	200	8"	63	2 1/2"	2/17657	3,19
CPFE60-600 300X60X1,5	60	600	24"	300	12"	63	2 1/2"	2/17658	3,95
CPFE60-600 400X60X1,5	60	600	24"	400	16"	63	2 1/2"	2/17659	4,53
CPFE60-600 500X60X1,5	60	600	24"	500	20"	63	2 1/2"	2/17660	5,11
CPFE60-600 600X60X1,5	60	600	24"	630	24"	63	2 1/2"	2/17661	5,70

4/100 x B2 (2/6792 - GC)



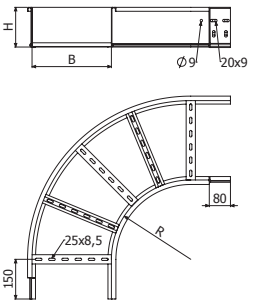
CPFE-600



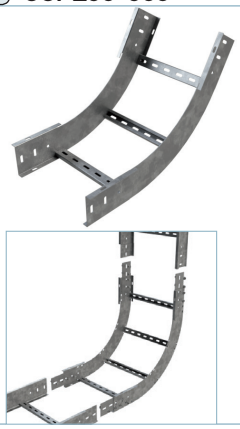


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE-600 100X60X1,5	90	600	24"	100	4"	63	2 1/2"	2/17662	3,70
CPFE-600 150X60X1,5	90	600	24"	150	6"	63	2 1/2"	2/17663	4,07
CPFE-600 200X60X1,5	90	600	24"	200	8"	63	2 1/2"	2/17664	4,44
CPFE-600 300X60X1,5	90	600	24"	300	12"	63	2 1/2"	2/17665	5,18
CPFE-600 400X60X1,5	90	600	24"	400	16"	63	2 1/2"	2/17666	6,28
CPFE-600 500X60X1,5	90	600	24"	500	20"	63	2 1/2"	2/17667	7,11
CPFE-600 600X60X1,5	90	600	24"	630	24"	63	2 1/2"	2/17668	7,93

4/100 x B2 (2/6792 - GC)

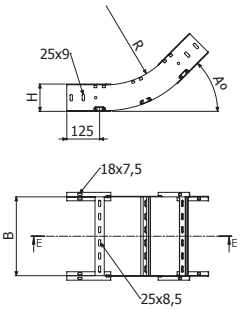


CCFE30-300

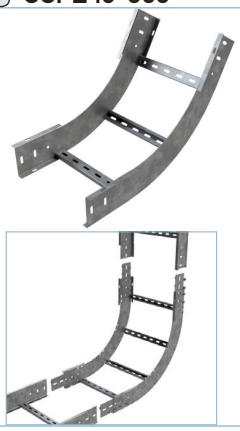


	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE30-300 100X60X1.5	30	300	12"	100	4"	63	2 1/2"	2/17669	1,14
CCFE30-300 150X60X1.5	30	300	12"	150	6"	63	2 1/2"	2/17670	1,23
CCFE30-300 200X60X1.5	30	300	12"	200	8"	63	2 1/2"	2/17671	1,33
CCFE30-300 300X60X1.5	30	300	12"	300	12"	63	2 1/2"	2/17672	1,51
CCFE30-300 400X60X1.5	30	300	12"	400	16"	63	2 1/2"	2/17673	1,69
CCFE30-300 500X60X1.5	30	300	12"	500	20"	63	2 1/2"	2/17674	1,87
CCFE30-300 600X60X1.5	30	300	12"	630	24"	63	2 1/2"	2/17619	3,08

2 x JUFE

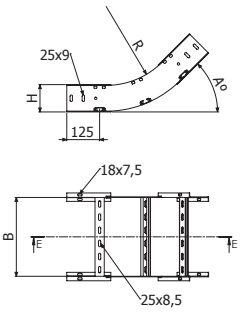


CCFE45-300

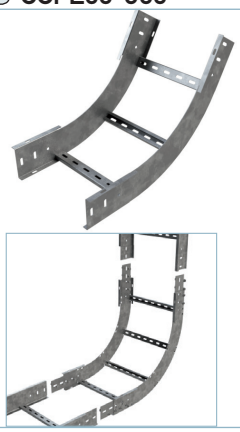


	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE45-300 100X60X1.5	45	300	12"	100	4"	63	2 1/2"	2/17675	2,05
CCFE45-300 150X60X1.5	45	300	12"	150	6"	63	2 1/2"	2/17676	1,36
CCFE45-300 200X60X1.5	45	300	12"	200	8"	63	2 1/2"	2/17677	1,49
CCFE45-300 300X60X1.5	45	300	12"	300	12"	63	2 1/2"	2/17678	1,63
CCFE45-300 400X60X1.5	45	300	12"	400	16"	63	2 1/2"	2/17679	1,9
CCFE45-300 500X60X1.5	45	300	12"	500	20"	63	2 1/2"	2/17680	2,18
CCFE45-300 600X60X1.5	45	300	12"	630	24"	63	2 1/2"	2/17681	2,45

2 x JUFE

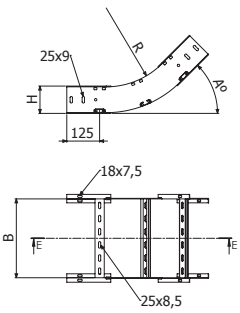


CCFE60-300

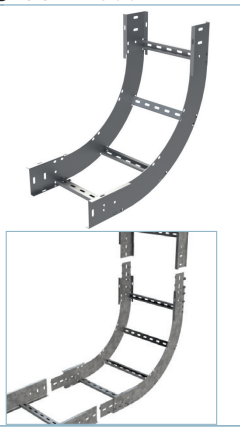


	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE60-300 100X60X1,5	60	300	12"	100	4"	63	2 1/2"	2/17683	1,49
CCFE60-300 150X60X1,5	60	300	12"	150	6"	63	2 1/2"	2/17684	1,62
CCFE60-300 200X60X1,5	60	300	12"	200	8"	63	2 1/2"	2/17685	1,76
CCFE60-300 300X60X1,5	60	300	12"	300	12"	63	2 1/2"	2/17686	2,03
CCFE60-300 400X60X1,5	60	300	12"	400	16"	63	2 1/2"	2/17687	2,31
CCFE60-300 500X60X1,5	60	300	12"	500	20"	63	2 1/2"	2/17688	2,58
CCFE60-300 600X60X1,5	60	300	12"	630	24"	63	2 1/2"	2/17689	2,85

2 x JUFE

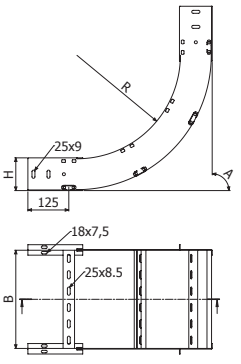


CCFE-300

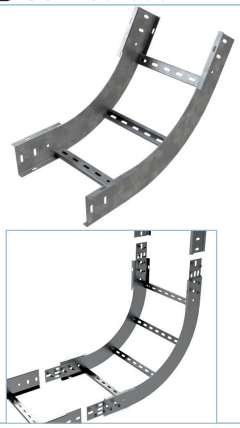


	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE-300 100X60X1,5	90	300	12"	100	4"	63	2 1/2"	2/17690	1,83
CCFE-300 150X60X1,5	90	300	12"	150	6"	63	2 1/2"	2/17691	2,01
CCFE-300 200X60X1,5	90	300	12"	200	8"	63	2 1/2"	2/17692	2,2
CCFE-300 300X60X1,5	90	300	12"	300	12"	63	2 1/2"	2/17693	2,56
CCFE-300 400X60X1,5	90	300	12"	400	16"	63	2 1/2"	2/17694	2,92
CCFE-300 500X60X1,5	90	300	12"	500	20"	63	2 1/2"	2/17695	3,29
CCFE-300 600X60X1,5	90	300	12"	630	24"	63	2 1/2"	2/17696	3,65

2 x JUFE

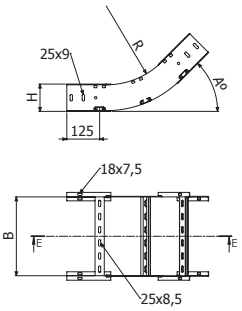


CCFE30-600

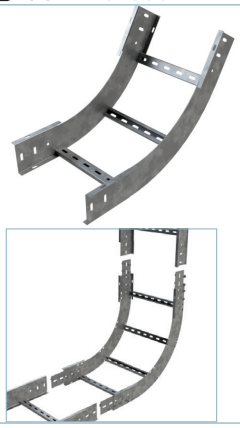


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE30-600 100X60X1.5	30	600	24"	100	4"	63	2 1/2"	2/17669	1,14
CCFE30-600 150X60X1.5	30	600	24"	150	6"	63	2 1/2"	2/17670	1,23
CCFE30-600 200X60X1.5	30	600	24"	200	8"	63	2 1/2"	2/17671	1,33
CCFE30-600 300X60X1.5	30	600	24"	300	12"	63	2 1/2"	2/17672	1,51
CCFE30-600 400X60X1.5	30	600	24"	400	16"	63	2 1/2"	2/17673	1,69
CCFE30-600 500X60X1.5	30	600	24"	500	20"	63	2 1/2"	2/17674	1,87
CCFE30-600 600X60X1.5	30	600	24"	630	24"	63	2 1/2"	2/17619	3,08

2 x JUFE

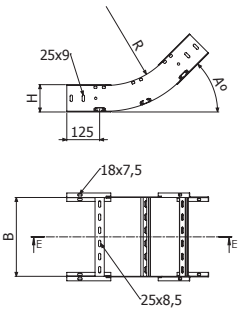


CCFE45-600

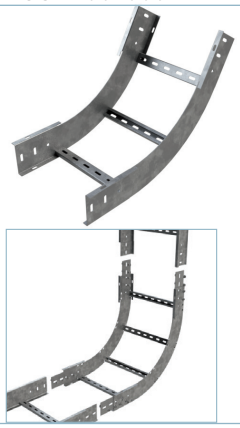


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE45-600 100X60X1.5	45	600	24"	100	4"	63	2 1/2"	2/17675	2,05
CCFE45-600 150X60X1.5	45	600	24"	150	6"	63	2 1/2"	2/17676	1,36
CCFE45-600 200X60X1.5	45	600	24"	200	8"	63	2 1/2"	2/17677	1,49
CCFE45-600 300X60X1.5	45	600	24"	300	12"	63	2 1/2"	2/17678	1,63
CCFE45-600 400X60X1.5	45	600	24"	400	16"	63	2 1/2"	2/17679	1,9
CCFE45-600 500X60X1.5	45	600	24"	500	20"	63	2 1/2"	2/17680	2,18
CCFE45-600 600X60X1.5	45	600	24"	630	24"	63	2 1/2"	2/17681	2,45

2 x JUFE

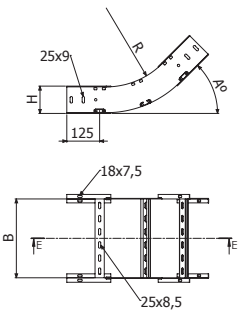


CCFE60-600

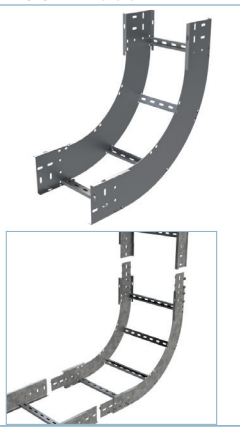


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE60-600 100X60X1,5	60	600	24"	100	4"	63	2 1/2"	2/17683	1,49
CCFE60-600 150X60X1,5	60	600	24"	150	6"	63	2 1/2"	2/17684	1,62
CCFE60-600 200X60X1,5	60	600	24"	200	8"	63	2 1/2"	2/17685	1,76
CCFE60-600 300X60X1,5	60	600	24"	300	12"	63	2 1/2"	2/17686	2,03
CCFE60-600 400X60X1,5	60	600	24"	400	16"	63	2 1/2"	2/17687	2,31
CCFE60-600 500X60X1,5	60	600	24"	500	20"	63	2 1/2"	2/17688	2,58
CCFE60-600 600X60X1,5	60	600	24"	630	24"	63	2 1/2"	2/17689	2,85

2 x JUFE

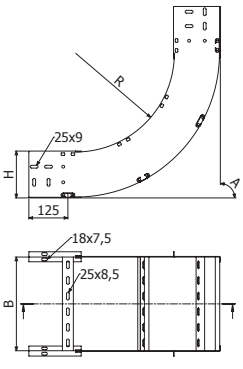


CCFE-600



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE-600 100X60X1,5	90	600	24"	100	4"	63	2 1/2"	2/17690	1,83
CCFE-600 150X60X1,5	90	600	24"	150	6"	63	2 1/2"	2/17691	2,01
CCFE-600 200X60X1,5	90	600	24"	200	8"	63	2 1/2"	2/17692	2,2
CCFE-600 300X60X1,5	90	600	24"	300	12"	63	2 1/2"	2/17693	2,56
CCFE-600 400X60X1,5	90	600	24"	400	16"	63	2 1/2"	2/17694	2,92
CCFE-600 500X60X1,5	90	600	24"	500	20"	63	2 1/2"	2/17695	3,29
CCFE-600 600X60X1,5	90	600	24"	630	24"	63	2 1/2"	2/17696	3,65

2 x JUFE

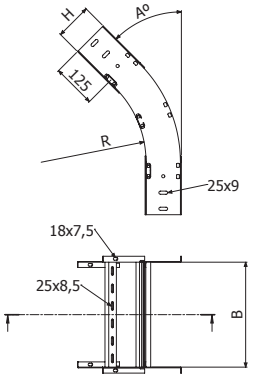


CXFE30-300



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE30-300 100X60X1.5	30	300	12"	100	4"	63	2 1/2"	2/17725	1,14
CXFE30-300 150X60X1.5	30	300	12"	150	6"	63	2 1/2"	2/17726	1,23
CXFE30-300 200X60X1.5	30	300	12"	200	8"	63	2 1/2"	2/17727	1,33
CXFE30-300 300X60X1.5	30	300	12"	300	12"	63	2 1/2"	2/17728	1,51
CXFE30-300 400X60X1.5	30	300	12"	400	16"	63	2 1/2"	2/17729	1,69
CXFE30-300 500X60X1.5	30	300	12"	500	20"	63	2 1/2"	2/17730	1,87
CXFE30-300 600X60X1.5	30	300	12"	630	24"	63	2 1/2"	2/17731	2,05

2 x JUFE

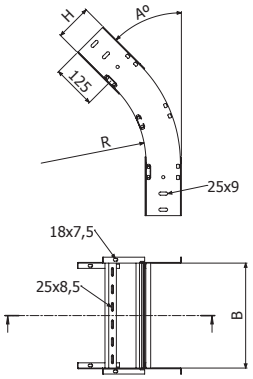


CXFE45-300



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE45-300 100X60X1.5	45	300	12"	100	4"	63	2 1/2"	2/17732	1,36
CXFE45-300 150X60X1.5	45	300	12"	150	6"	63	2 1/2"	2/17733	1,49
CXFE45-300 200X60X1.5	45	300	12"	200	8"	63	2 1/2"	2/17734	1,63
CXFE45-300 300X60X1.5	45	300	12"	300	12"	63	2 1/2"	2/17735	1,9
CXFE45-300 400X60X1.5	45	300	12"	400	16"	63	2 1/2"	2/17736	2,18
CXFE45-300 500X60X1.5	45	300	12"	500	20"	63	2 1/2"	2/17737	2,45
CXFE45-300 600X60X1.5	45	300	12"	630	24"	63	2 1/2"	2/17738	2,72

2 x JUFE

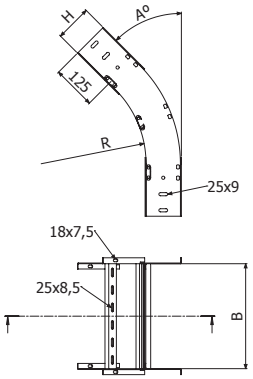


CXFE60-300



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE60-300 100X60X1,5	60	300	12"	100	4"	63	2 1/2"	2/17739	1,49
CXFE60-300 150X60X1,5	60	300	12"	150	6"	63	2 1/2"	2/17740	1,62
CXFE60-300 200X60X1,5	60	300	12"	200	8"	63	2 1/2"	2/17741	1,76
CXFE60-300 300X60X1,5	60	300	12"	300	12"	63	2 1/2"	2/17742	2,03
CXFE60-300 400X60X1,5	60	300	12"	400	16"	63	2 1/2"	2/17743	2,31
CXFE60-300 500X60X1,5	60	300	12"	500	20"	63	2 1/2"	2/17744	2,58
CXFE60-300 600X60X1,5	60	300	12"	630	24"	63	2 1/2"	2/17745	2,85

2 x JUFE

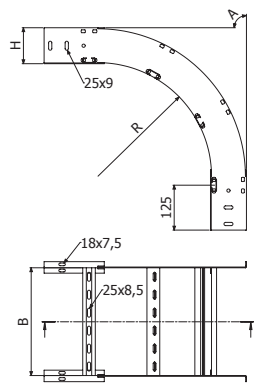


CXFE-300



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE-300 100X60X1,5	90	300	12"	100	4"	63	2 1/2"	2/17746	1,83
CXFE-300 150X60X1,5	90	300	12"	150	6"	63	2 1/2"	2/17747	2,01
CXFE-300 200X60X1,5	90	300	12"	200	8"	63	2 1/2"	2/17748	2,2
CXFE-300 300X60X1,5	90	300	12"	300	12"	63	2 1/2"	2/17749	2,56
CXFE-300 400X60X1,5	90	300	12"	400	16"	63	2 1/2"	2/17750	2,92
CXFE-300 500X60X1,5	90	300	12"	500	20"	63	2 1/2"	2/17751	3,29
CXFE-300 600X60X1,5	90	300	12"	630	24"	63	2 1/2"	2/17752	3,65

2 x JUFE

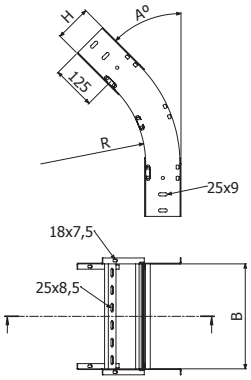


CXFE30-600



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE30-600 100X60X1.5	30	600	24"	100	4"	63	2 1/2"	2/17753	1,47
CXFE30-600 150X60X1.5	30	600	24"	150	6"	63	2 1/2"	2/17754	1,6
CXFE30-600 200X60X1.5	30	600	24"	200	8"	63	2 1/2"	2/17755	1,74
CXFE30-600 300X60X1.5	30	600	24"	300	12"	63	2 1/2"	2/17756	2,01
CXFE30-600 400X60X1.5	30	600	24"	400	16"	63	2 1/2"	2/17757	2,28
CXFE30-600 500X60X1.5	30	600	24"	500	20"	63	2 1/2"	2/17758	2,56
CXFE30-600 600X60X1.5	30	600	24"	630	24"	63	2 1/2"	2/17759	2,83

2 x JUFE

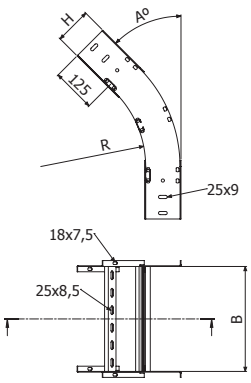


CXFE45-600



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE45-600 100X60X1.5	45	600	24"	100	4"	63	2 1/2"	2/17760	1,8
CXFE45-600 150X60X1.5	45	600	24"	150	6"	63	2 1/2"	2/17761	1,98
CXFE45-600 200X60X1.5	45	600	24"	200	8"	63	2 1/2"	2/17762	2,16
CXFE45-600 300X60X1.5	45	600	24"	300	12"	63	2 1/2"	2/17763	2,52
CXFE45-600 400X60X1.5	45	600	24"	400	16"	63	2 1/2"	2/17764	2,89
CXFE45-600 500X60X1.5	45	600	24"	500	20"	63	2 1/2"	2/17765	3,25
CXFE45-600 600X60X1.5	45	600	24"	630	24"	63	2 1/2"	2/17766	3,62

2 x JUFE

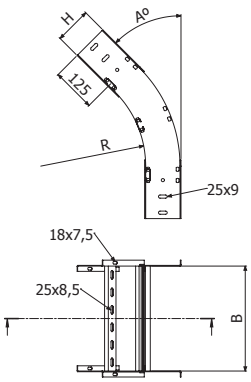


CXFE60-600

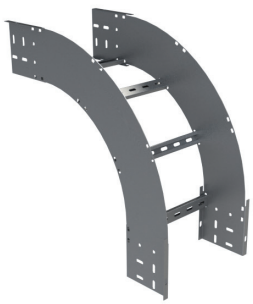


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE60-600 100X60X1,5	60	600	24"	100	4"	63	2 1/2"	2/17767	2,05
CXFE60-600 150X60X1,5	60	600	24"	150	6"	63	2 1/2"	2/17768	2,23
CXFE60-600 200X60X1,5	60	600	24"	200	8"	63	2 1/2"	2/17769	2,41
CXFE60-600 300X60X1,5	60	600	24"	300	12"	63	2 1/2"	2/17770	2,77
CXFE60-600 400X60X1,5	60	600	24"	400	16"	63	2 1/2"	2/17771	3,14
CXFE60-600 500X60X1,5	60	600	24"	500	20"	63	2 1/2"	2/17772	3,5
CXFE60-600 600X60X1,5	60	600	24"	630	24"	63	2 1/2"	2/17773	3,87

2 x JUFE

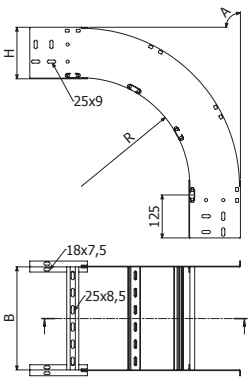


CXFE-600



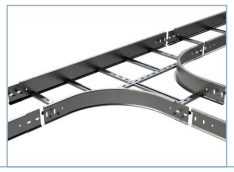
	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE-600 100X60X1,5	90	600	24"	100	4"	63	2 1/2"	2/17774	2,71
CXFE-600 150X60X1,5	90	600	24"	150	6"	63	2 1/2"	2/17775	2,98
CXFE-600 200X60X1,5	90	600	24"	200	8"	63	2 1/2"	2/17776	3,26
CXFE-600 300X60X1,5	90	600	24"	300	12"	63	2 1/2"	2/17777	3,8
CXFE-600 400X60X1,5	90	600	24"	400	16"	63	2 1/2"	2/17778	4,35
CXFE-600 500X60X1,5	90	600	24"	500	20"	63	2 1/2"	2/17779	4,89
CXFE-600 600X60X1,5	90	600	24"	630	24"	63	2 1/2"	2/17780	5,44

2 x JUFE



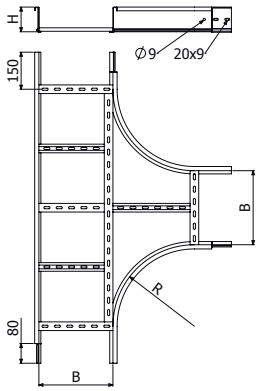
TEFE-300





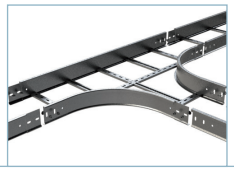
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEFE-300 100X60X1.5	300	12"	100	4"	63	2 1/2"	2/17781	4,02
TEFE-300 150X60X1.5	300	12"	150	6"	63	2 1/2"	2/17782	4,35
TEFE-300 200X60X1.5	300	12"	200	8"	63	2 1/2"	2/17783	5,08
TEFE-300 300X60X1.5	300	12"	300	12"	63	2 1/2"	2/17784	6,09
TEFE-300 400X60X1.5	300	12"	400	16"	63	2 1/2"	2/17785	6,85
TEFE-300 500X60X1.5	300	12"	500	20"	63	2 1/2"	2/17786	8,29
TEFE-300 600X60X1.5	300	12"	630	24"	63	2 1/2"	2/17787	9,14

4/100 x B2 (2/6792 - GC)



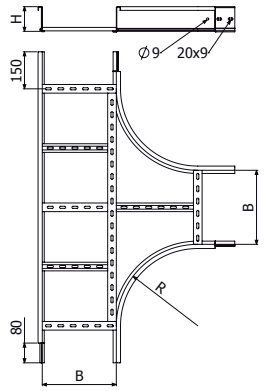
TEFE-600





	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEFE-600 100X60X1,5	600	24"	100	4"	63	2 1/2"	2/17788	7,14
TEFE-600 150X60X1,5	600	24"	150	6"	63	2 1/2"	2/17789	7,87
TEFE-600 200X60X1,5	600	24"	200	8"	63	2 1/2"	2/17790	8,63
TEFE-600 300X60X1,5	600	24"	300	12"	63	2 1/2"	2/17791	9,57
TEFE-600 400X60X1,5	600	24"	400	16"	63	2 1/2"	2/17792	11,53
TEFE-600 500X60X1,5	600	24"	500	20"	63	2 1/2"	2/17793	121,65
TEFE-600 600X60X1,5	600	24"	630	24"	63	2 1/2"	2/17794	14,78

4/100 x B2 (2/6792 - GC)



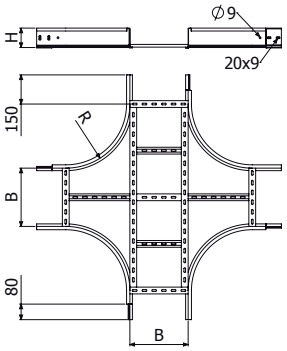
CRFE-300





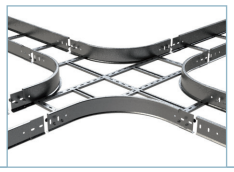
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRFE-300 100X60X1.5	300	12"	100	4"	63	2 1/2"	2/17795	5,28
CRFE-300 150X60X1.5	300	12"	150	6"	63	2 1/2"	2/17796	5,55
CRFE-300 200X60X1.5	300	12"	200	8"	63	2 1/2"	2/17797	6,6
CRFE-300 300X60X1.5	300	12"	300	12"	63	2 1/2"	2/17798	7,93
CRFE-300 400X60X1.5	300	12"	400	16"	63	2 1/2"	2/17799	8,75
CRFE-300 500X60X1.5	300	12"	500	20"	63	2 1/2"	2/17800	10,48
CRFE-300 600X60X1.5	300	12"	630	24"	63	2 1/2"	2/17801	11,39

4/100 x B2 (2/6792 - GC)



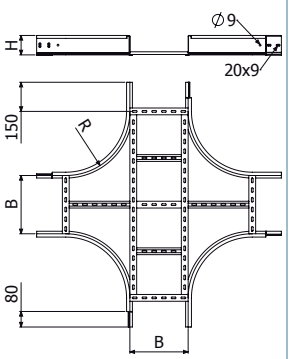
CRFE-600





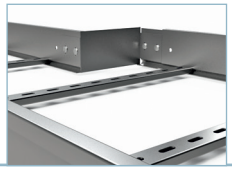
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRFE-600 100X60X1,5	600	24"	100	4"	63	2 1/2"	2/17802	9,78
CRFE-600 150X60X1,5	600	24"	150	6"	63	2 1/2"	2/17803	10,8
CRFE-600 200X60X1,5	600	24"	200	8"	63	2 1/2"	2/17804	10,61
CRFE-600 300X60X1,5	600	24"	300	12"	63	2 1/2"	2/17805	11,43
CRFE-600 400X60X1,5	600	24"	400	16"	63	2 1/2"	2/17806	13,94
CRFE-600 500X60X1,5	600	24"	500	20"	63	2 1/2"	2/17807	15,03
CRFE-600 600X60X1,5	600	24"	630	24"	63	2 1/2"	2/17808	17,64

4/100 x B2 (2/6792 - GC)



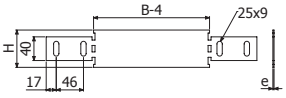
REFE H60





	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
REFE 50x60x1,5	50	2"	63	2 1/2"	1,5	2/6799	0,16
REFE 100x60x1,5	100	4"	63	2 1/2"	1,5	2/6800	0,20
REFE 150x60x1,5	150	6"	63	2 1/2"	1,5	2/6801	0,25
REFE 200x60x1,5	200	8"	63	2 1/2"	1,5	2/6802	0,30

4/100 x B2 (2/6792 - GC)



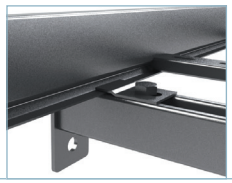
BFE

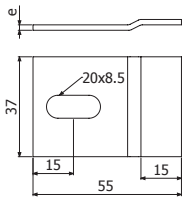


	e	GC	
	mm	REF.	kg/ud
BFE 8	2	2/0863	0,03
BFE 12	3	2/0864	0,04

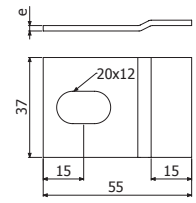
BFE 8 --> SHL --> B2 (2/6792 - GC)

SP/SPD + BEF 12 --> DIN933 10X30 (2/17547- i304) + TM41 M10 (2/17584 - GC)
+ DIN125 M10 (2/17542-i304)





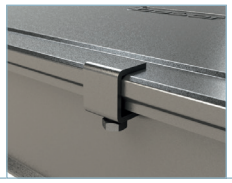
BFE 8



BFE 12

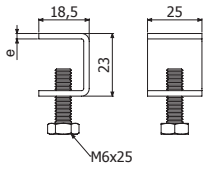
PTFE





	Pap	e	i304		i316	
	Nm	mm	REF.	kg/ud	REF.	kg/ud
PTFE	6	2	2/7054	0,02	2/18568	0,02

4 x PTFE => 1 x TFE

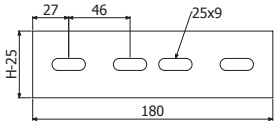


JUFE H60



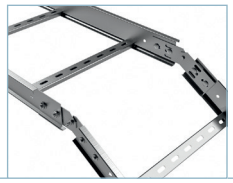
	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE 60/75	75	2 3/8"	2	2/0854	0,08

4/100 x B2 (2/6792 - GC)



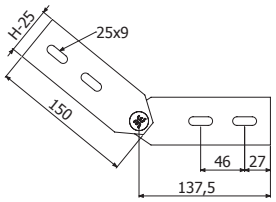
JUFE-A H60





	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-A 60/75	75	2 3/8"	2	2/0857	0,14

4/100 x B2 (2/6792 - GC)

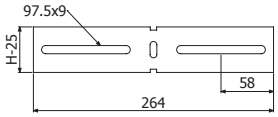


JUFE-B H60

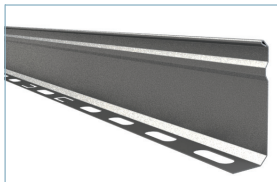


	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-B 60/75	75	2 3/8"	2	2/0860	0,13

4/100 x B2 (2/6792 - GC)



PS

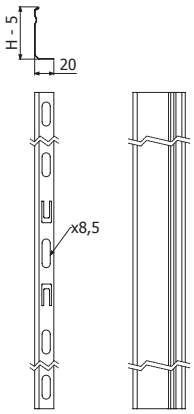


L = 3 m (10 ft)

	H		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
PS 35	35	1 3/8"	2/3476	0,29	2/3479	0,29

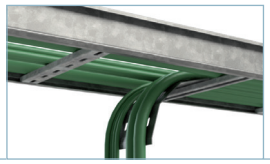
B2 - L=3m→3/100 (2/6792)

PS 35→ H60.



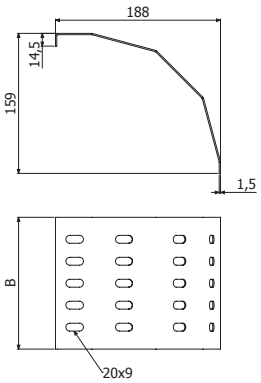
BJCFE





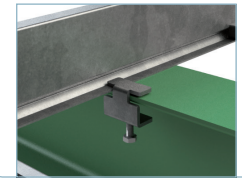
	e	GC	
	mm	REF.	kg/ud
BJCFE 100	1,5	2/10021	0,60
BJCFE 150	1,5	2/10022	0,90
BJCFE 200	1,5	2/10023	1,20
BJCFE 300	1,5	2/10024	1,70
BJCFE 400	1,5	2/10025	2,30
BJCFE 500	1,5	2/10026	2,90
BJCFE 600	1,5	2/10027	3,40

2/100 x B2 (2/6792 - GC)



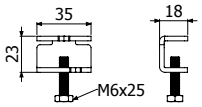
BEV





	GC		i304		i316	
	REF	Kg/ud	REF.	kg/ud	REF.	kg/ud
BEV	2/11805	0,07	2/14473	0,05	2/18574	0,05

10

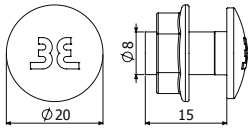


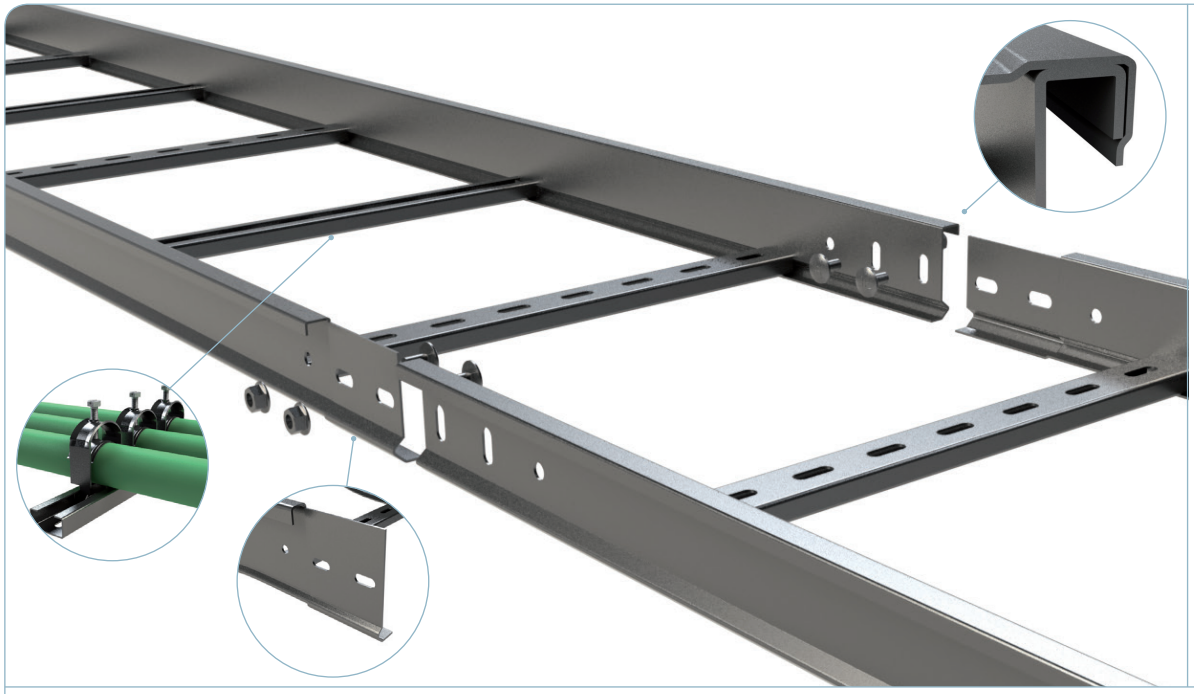
B2



	Pap	GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud
B2-100	15	2/6792	1,83	2/5392	1,71

13





L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150C
-50C
UNE-EN 61537

6 8
UNE-EN 61537

20J
UNE-EN 61537

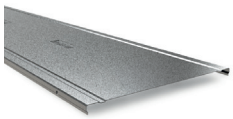

CPFE-300

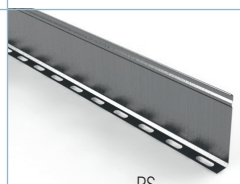

CCFE-300


CXFE-300


TEFE-300


CRFE-300


TFE/TFEL


PS


JUFE

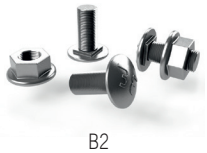

JUFE-A


JUFE-B


REFE


BFE


PTFE


B2

		Filling Area							
B		H75 (3")		H100 (4")		H120 (4 5/7")		H150 (6")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
100	4"	59	9,1	84	13,0	-	-	-	-
150	6"	89	13,8	126	19,5	156	24,2	201	31,2
200	8"	118	18,3	168	26,0	208	32,2	268	41,5
300	12"	177	27,4	252	39,1	312	48,4	402	62,3
400	16"	236	36,6	336	52,1	416	64,5	536	83,1
500	20"	295	45,7	420	65,1	520	80,6	670	103,9
600	24"	354	54,9	504	78,1	624	96,7	804	124,6

FE H75 p333

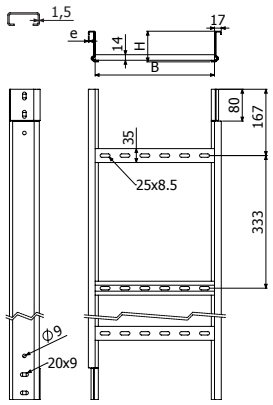


L = 3 m (10 ft)



	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 100x75x2-333 3M	100	4"	75	3"	2	2/0865	3,82
FE 150x75x2-333 3M	150	6"	75	3"	2	2/0866	3,96
FE 200x75x2-333 3M	200	8"	75	3"	2	2/0867	4,09
FE 300x75x2-333 3M	300	12"	75	3"	2	2/0868	4,35
FE 400x75x2-333 3M	400	16"	75	3"	2	2/0869	4,62
FE 500x75x2-333 3M	500	20"	75	3"	2	2/0870	4,88
FE 600x75x2-333 3M	600	24"	75	3"	2	2/0871	5,15

4/100 x B2 (2/6792 - GC)



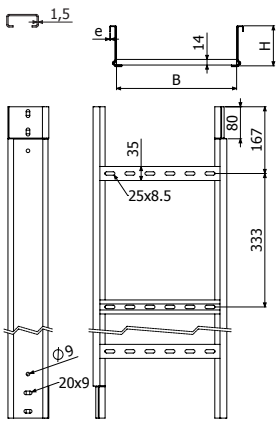
FE H100 p333



L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 100x100x2-333 3M	100	4"	100	4"	2	2/0872	5,03
FE 150x100x2-333 3M	150	6"	100	4"	2	2/0873	5,16
FE 200x100x2-333 3M	200	8"	100	4"	2	2/0874	5,29
FE 300x100x2-333 3M	300	12"	100	4"	2	2/0875	5,56
FE 400x100x2-333 3M	400	16"	100	4"	2	2/0876	5,82
FE 500x100x2-333 3M	500	20"	100	4"	2	2/0877	6,08
FE 600x100x2-333 3M	600	24"	100	4"	2	2/0878	6,35

4/100 x B2 (2/6792 - GC)



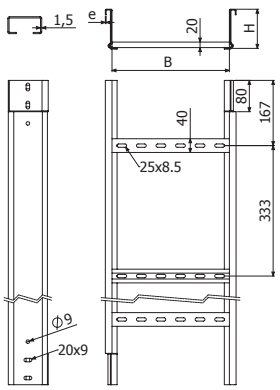
FE H120 p333



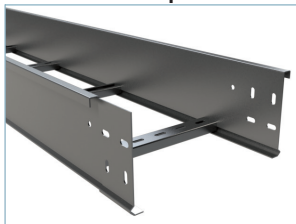
L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 150x120x2-333 3M	150	6"	120	4 5/7"	2	2/6854	5,94
FE 200x120x2-333 3M	200	8"	120	4 5/7"	2	2/6855	6,11
FE 300x120x2-333 3M	300	12"	120	4 5/7"	2	2/6856	6,44
FE 400x120x2-333 3M	400	16"	120	4 5/7"	2	2/6857	6,78
FE 500x120x2-333 3M	500	20"	120	4 5/7"	2	2/6858	7,12
FE 600x120x2-333 3M	600	24"	120	4 5/7"	2	2/6859	7,46

4/100 x B2 (2/6792 - GC)



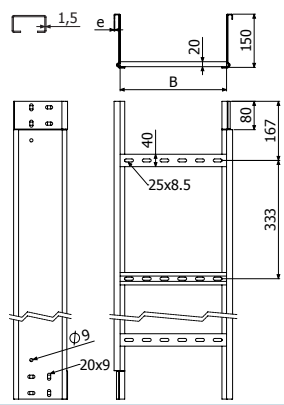
FE H150 p333



L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 150x150x2-333 3M	150	6"	150	6"	2	2/6860	6,91
FE 200x150x2-333 3M	200	8"	150	6"	2	2/6861	7,07
FE 300x150x2-333 3M	300	12"	150	6"	2	2/6862	7,40
FE 400x150x2-333 3M	400	16"	150	6"	2	2/6863	7,72
FE 500x150x2-333 3M	500	20"	150	6"	2	2/6864	8,05
FE 600x150x2-333 3M	600	24"	150	6"	2	2/6865	8,37

8/100 x B2 (2/6792 - GC)



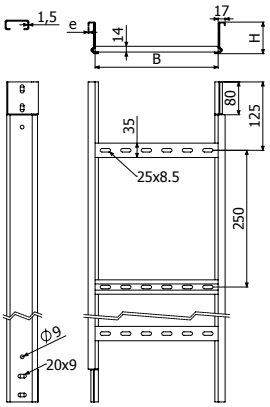
FE H75 p250



L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 100x75x2-250 3M	100	4"	75	3"	2	2/6215	3,91
FE 150x75x2-250 3M	150	6"	75	3"	2	2/6992	4,09
FE 200x75x2-250 3M	200	8"	75	3"	2	2/7003	4,27
FE 300x75x2-250 3M	300	12"	75	3"	2	2/6239	4,62
FE 400x75x2-250 3M	400	16"	75	3"	2	2/4954	4,97
FE 500x75x2-250 3M	500	20"	75	3"	2	2/7004	5,33
FE 600x75x2-250 3M	600	24"	75	3"	2	2/6216	5,68

4/100 x B2 (2/6792 - GC)



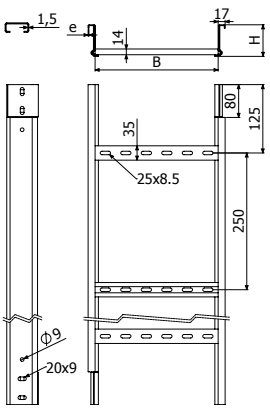
FE H100 p250



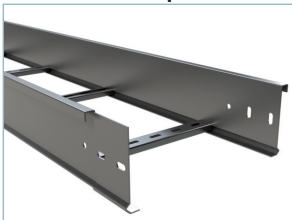
L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 100x100x2-250 3M	100	4"	100	4"	2	2/7005	5,12
FE 150x100x2-250 3M	150	6"	100	4"	2	2/6059	5,29
FE 200x100x2-250 3M	200	8"	100	4"	2	2/6249	5,47
FE 300x100x2-250 3M	300	12"	100	4"	2	2/6060	5,82
FE 400x100x2-250 3M	400	16"	100	4"	2	2/6061	6,18
FE 500x100x2-250 3M	500	20"	100	4"	2	2/7006	6,53
FE 600x100x2-250 3M	600	24"	100	4"	2	2/6062	6,88

4/100 x B2 (2/6792 - GC)



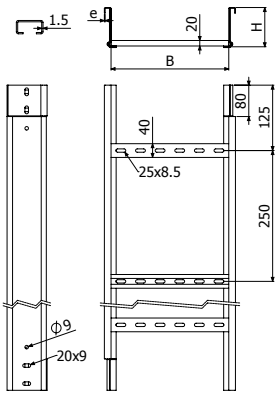
FE H120 p250



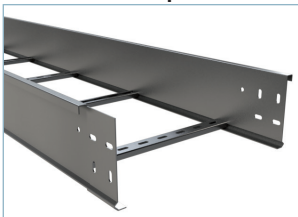
L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 150x120x2-250 3M	150	6"	120	4 5/7"	2	2/7024	6,12
FE 200x120x2-250 3M	200	8"	120	4 5/7"	2	2/7025	6,34
FE 300x120x2-250 3M	300	12"	120	4 5/7"	2	2/7026	6,78
FE 400x120x2-250 3M	400	16"	120	4 5/7"	2	2/7027	7,22
FE 500x120x2-250 3M	500	20"	120	4 5/7"	2	2/7028	7,67
FE 600x120x2-250 3M	600	24"	120	4 5/7"	2	2/7029	8,11

4/100 x B2 (2/6792 - GC)



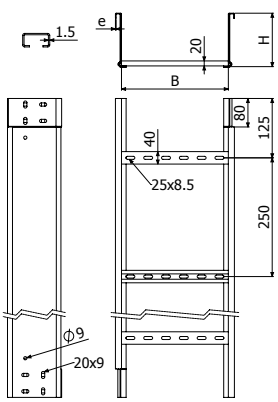
FE H150 p250



L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 150x150x2-250 3M	150	6"	150	6"	2	2/7030	7,15
FE 200x150x2-250 3M	200	8"	150	6"	2	2/7031	7,37
FE 300x150x2-250 3M	300	12"	150	6"	2	2/7032	7,81
FE 400x150x2-250 3M	400	16"	150	6"	2	2/7033	8,26
FE 500x150x2-250 3M	500	20"	150	6"	2	2/7034	8,70
FE 600x150x2-250 3M	600	24"	150	6"	2	2/7035	9,14

8/100 x B2 (2/6792 - GC)



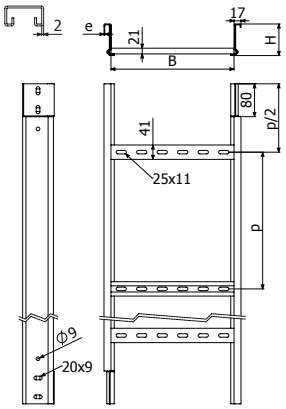
F2E H100



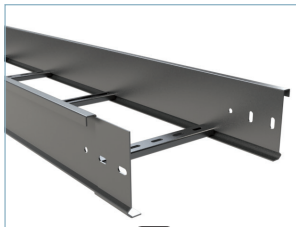
L = 3 m (10 ft)

	B		H		e	GC p=9" (230 mm)		GC p=10" (250 mm)		GC p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 100x100x2-p 3M	100	4"	100	4"	2	2/14361	5,60	2/14257	5,55	2/14352	5,44
F2E 150x100x2-p 3M	150	6"	100	4"	2	2/14362	5,96	2/14258	5,87	2/14353	5,71
F2E 200x100x2-p 3M	200	8"	100	4"	2	2/14363	6,31	2/14259	6,20	2/14354	5,98
F2E 300x100x2-p 3M	300	12"	100	4"	2	2/14364	7,02	2/14260	6,86	2/14355	6,53
F2E 400x100x2-p 3M	400	16"	100	4"	2	2/14365	7,73	2/14261	7,51	2/14356	7,08
F2E 500x100x2-p 3M	500	20"	100	4"	2	2/14366	8,44	2/14262	8,17	2/14357	7,62
F2E 600x100x2-p 3M	600	24"	100	4"	2	2/14367	9,15	2/14263	8,82	2/14358	8,17

4/100 x B2 (2/6792 - GC)



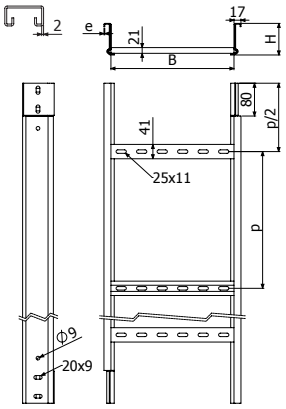
F2E H120



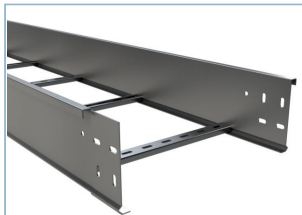
L = 3 m (10 ft)

	B		H		e	GC p=9" (230 mm)		GC p=10" (250 mm)		GC p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 150x120x2-p 3M	150	6"	120	4 5/7"	2	2/14396	6,66	2/14275	6,58	2/14388	6,42
F2E 200x120x2-p 3M	200	8"	120	4 5/7"	2	2/14397	7,02	2/14276	6,91	2/14389	6,69
F2E 300x120x2-p 3M	300	12"	120	4 5/7"	2	2/14398	7,72	2/14277	7,56	2/14390	7,23
F2E 400x120x2-p 3M	400	16"	120	4 5/7"	2	2/14399	8,43	2/14278	8,22	2/14391	7,78
F2E 500x120x2-p 3M	500	20"	120	4 5/7"	2	2/14400	9,14	2/14279	8,87	2/14392	8,32
F2E 600x120x2-p 3M	600	24"	120	4 5/7"	2	2/14401	9,85	2/14280	9,53	2/14393	8,87

4/100 x B2 (2/6792 - GC)



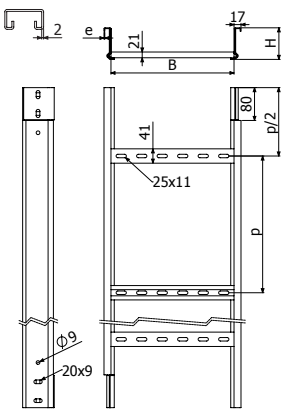
F2E H150



L = 3 m (10 ft)

	B		H		e	GC p=9" (230 mm)		GC p=10" (250 mm)		GC p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 150x150x2-p 3M	150	6"	150	6"	2	2/14428	7,72	2/14291	7,63	2/14420	7,47
F2E 200x150x2-p 3M	200	8"	150	6"	2	2/14429	8,07	2/14292	7,96	2/14421	7,74
F2E 300x150x2-p 3M	300	12"	150	6"	2	2/14430	8,78	2/14293	8,62	2/14422	8,29
F2E 400x150x2-p 3M	400	16"	150	6"	2	2/14431	9,49	2/14294	9,27	2/14423	8,84
F2E 500x150x2-p 3M	500	20"	150	6"	2	2/14432	10,20	2/14295	9,93	2/14424	9,38
F2E 600x150x2-p 3M	600	24"	150	6"	2	2/14433	10,91	2/14296	10,58	2/14425	9,93

8/100 x B2 (2/6792 - GC)



BASORTRAV

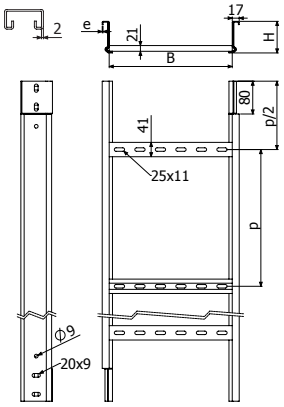
F2E H100 6M



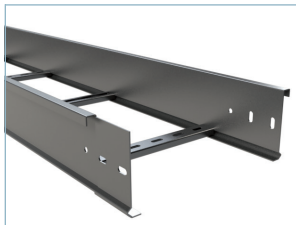
L = 6 m (20 ft)

	B		H		e	GC					
						p=9" (230 mm)		p=10" (250 mm)		p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 100X100x2-p 6M	100	4"	100	4"	2	2/14379	5,60	2/14266	5,55	2/14370	5,44
F2E 150X100x2-p 6M	150	6"	100	4"	2	2/14380	5,96	2/14267	5,87	2/14371	5,71
F2E 200X100x2-p 6M	200	8"	100	4"	2	2/14381	6,31	2/14268	6,20	2/14372	5,98
F2E 300X100x2-p 6M	300	12"	100	4"	2	2/14382	7,02	2/14269	6,86	2/14373	6,53
F2E 400X100x2-p 6M	400	16"	100	4"	2	2/14383	7,73	2/14270	7,51	2/14374	7,08
F2E 500X100x2-p 6M	500	20"	100	4"	2	2/14384	8,44	2/14271	8,17	2/14375	7,62
F2E 600X100x2-p 6M	600	24"	100	4"	2	2/14385	9,15	2/14272	8,82	2/14376	8,17

4/100 x B2 (2/6792 - GC)



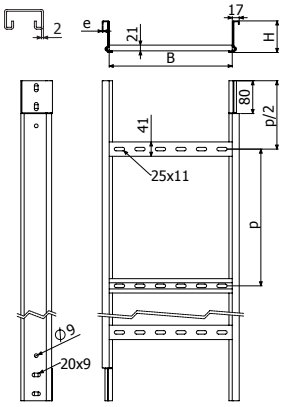
F2E H120 6M



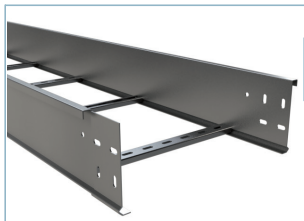
L = 6 m (20 ft)

	B		H		e	GC					
						p=9" (230 mm)		p=10" (250 mm)		p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 150X120x2-p 6M	150	6"	120	4 5/7"	2	2/14412	6,66	2/14283	6,58	2/14404	6,42
F2E 200X120x2-p 6M	200	8"	120	4 5/7"	2	2/14413	7,02	2/14284	6,91	2/14405	6,69
F2E 300X120x2-p 6M	300	12"	120	4 5/7"	2	2/14414	7,72	2/14285	7,56	2/14406	7,23
F2E 400X120x2-p 6M	400	16"	120	4 5/7"	2	2/14415	8,43	2/14286	8,22	2/14407	7,78
F2E 500X120x2-p 6M	500	20"	120	4 5/7"	2	2/14416	9,14	2/14287	8,87	2/14408	8,32
F2E 600X120x2-p 6M	600	24"	120	4 5/7"	2	2/14417	9,85	2/14288	9,53	2/14409	8,87

4/100 x B2 (2/6792 - GC)



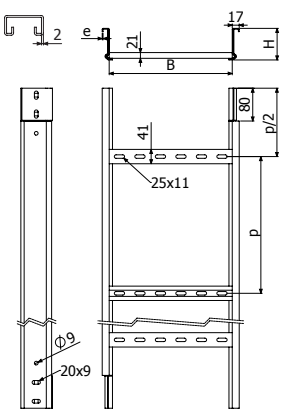
F2E H150 6M



L = 6 m (20 ft)

	B		H		e	GC					
						p=9" (230 mm)		p=10" (250 mm)		p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 150X150x2-p 6M	150	6"	150	6"	2	2/14444	7,72	2/14299	7,63	2/14436	7,47
F2E 200X150x2-p 6M	200	8"	150	6"	2	2/14445	8,07	2/14300	7,96	2/14437	7,74
F2E 300X150x2-p 6M	300	12"	150	6"	2	2/14446	8,78	2/14301	8,62	2/14438	8,29
F2E 400X150x2-p 6M	400	16"	150	6"	2	2/14447	9,49	2/14302	9,27	2/14439	8,84
F2E 500X150x2-p 6M	500	20"	150	6"	2	2/14448	10,20	2/14303	9,93	2/14440	9,38
F2E 600X150x2-p 6M	600	24"	150	6"	2	2/14449	10,91	2/14304	10,58	2/14441	9,93

8/100 x B2 (2/6792 - GC)



CPFE30-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE30-300 100X75X2	30	300	12"	100	4"	75	3"	2/14651	1,93
CPFE30-300 150X75X2	30	300	12"	150	6"	75	3"	2/14652	2,07
CPFE30-300 200X75X2	30	300	12"	200	8"	75	3"	2/14653	2,20
CPFE30-300 300X75X2	30	300	12"	300	12"	75	3"	2/14654	2,47
CPFE30-300 400X75X2	30	300	12"	400	16"	75	3"	2/14655	2,73
CPFE30-300 500X75X2	30	300	12"	500	20"	75	3"	2/14656	3,00
CPFE30-300 600X75X2	30	300	12"	600	24"	75	3"	2/14657	3,77
CPFE30-300 100X100X2	30	300	12"	100	4"	100	4"	2/14658	2,32
CPFE30-300 150X100X2	30	300	12"	150	6"	100	4"	2/14659	2,46
CPFE30-300 200X100X2	30	300	12"	200	8"	100	4"	2/14660	2,61
CPFE30-300 300X100X2	30	300	12"	300	12"	100	4"	2/14661	2,89
CPFE30-300 400X100X2	30	300	12"	400	16"	100	4"	2/14662	3,18
CPFE30-300 500X100X2	30	300	12"	500	20"	100	4"	2/14663	3,89
CPFE30-300 600X100X2	30	300	12"	600	24"	100	4"	2/14664	4,27
CPFE30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/14665	2,84
CPFE30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/14666	3,01
CPFE30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/14667	3,36
CPFE30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/14668	3,70
CPFE30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/14669	4,58
CPFE30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/14670	5,03
CPFE30-300 150X150X2	30	300	12"	150	6"	150	6"	2/14671	3,32
CPFE30-300 200X150X2	30	300	12"	200	8"	150	6"	2/14672	3,50
CPFE30-300 300X150X2	30	300	12"	300	12"	150	6"	2/14673	3,87
CPFE30-300 400X150X2	30	300	12"	400	16"	150	6"	2/14674	4,24
CPFE30-300 500X150X2	30	300	12"	500	20"	150	6"	2/14675	5,14
CPFE30-300 600X150X2	30	300	12"	600	24"	150	6"	2/14676	5,62



H75-H120



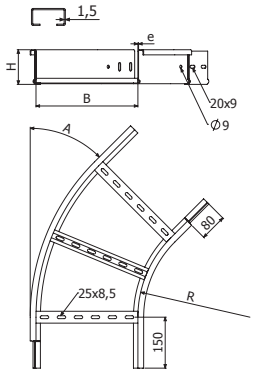
H150



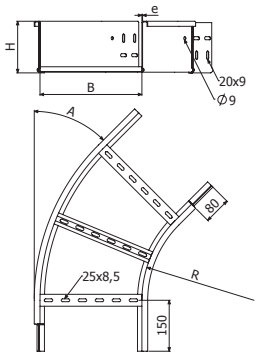


4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)





H75-H120



H150

CPFE45-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE45-300 100X75X2	45	300	12"	100	4"	75	3"	2/14677	2,35
CPFE45-300 150X75X2	45	300	12"	150	6"	75	3"	2/14678	2,55
CPFE45-300 200X75X2	45	300	12"	200	8"	75	3"	2/14679	2,75
CPFE45-300 300X75X2	45	300	12"	300	12"	75	3"	2/14680	3,15
CPFE45-300 400X75X2	45	300	12"	400	16"	75	3"	2/14681	3,55
CPFE45-300 500X75X2	45	300	12"	500	20"	75	3"	2/14682	3,95
CPFE45-300 600X75X2	45	300	12"	600	24"	75	3"	2/14683	4,35
CPFE45-300 100X100X2	45	300	12"	100	4"	100	4"	2/14684	2,81
CPFE45-300 150X100X2	45	300	12"	150	6"	100	4"	2/14685	3,03
CPFE45-300 200X100X2	45	300	12"	200	8"	100	4"	2/14686	3,24
CPFE45-300 300X100X2	45	300	12"	300	12"	100	4"	2/14687	3,67
CPFE45-300 400X100X2	45	300	12"	400	16"	100	4"	2/14688	4,10
CPFE45-300 500X100X2	45	300	12"	500	20"	100	4"	2/14689	4,53
CPFE45-300 600X100X2	45	300	12"	600	24"	100	4"	2/14690	4,96
CPFE45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/14691	3,50
CPFE45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/14692	3,76
CPFE45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/14693	4,28
CPFE45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/14694	4,79
CPFE45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/14695	5,31
CPFE45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/14696	5,82
CPFE45-300 150X150X2	45	300	12"	150	6"	150	6"	2/14697	4,07
CPFE45-300 200X150X2	45	300	12"	200	8"	150	6"	2/14698	4,35
CPFE45-300 300X150X2	45	300	12"	300	12"	150	6"	2/14699	4,90
CPFE45-300 400X150X2	45	300	12"	400	16"	150	6"	2/14700	5,46
CPFE45-300 500X150X2	45	300	12"	500	20"	150	6"	2/14701	6,01
CPFE45-300 600X150X2	45	300	12"	600	24"	150	6"	2/14702	6,57



H75-H120

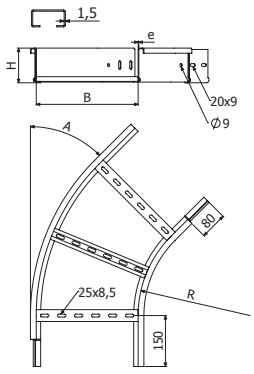


H150

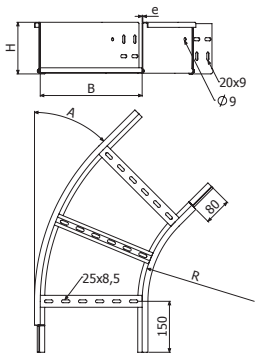


4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)





H75-H120



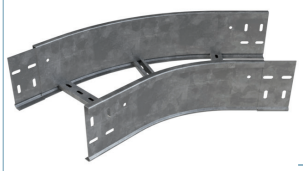
H150

CPFE60-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE60-300 100X75X2	60	300	12"	100	4"	75	3"	2/14703	2,69
CPFE60-300 150X75X2	60	300	12"	150	6"	75	3"	2/14704	2,91
CPFE60-300 200X75X2	60	300	12"	200	8"	75	3"	2/14705	3,13
CPFE60-300 300X75X2	60	300	12"	300	12"	75	3"	2/14706	3,58
CPFE60-300 400X75X2	60	300	12"	400	16"	75	3"	2/14707	4,37
CPFE60-300 500X75X2	60	300	12"	500	20"	75	3"	2/14708	4,90
CPFE60-300 600X75X2	60	300	12"	600	24"	75	3"	2/14709	5,43
CPFE60-300 100X100X2	60	300	12"	100	4"	100	4"	2/14710	3,22
CPFE60-300 150X100X2	60	300	12"	150	6"	100	4"	2/14711	3,46
CPFE60-300 200X100X2	60	300	12"	200	8"	100	4"	2/14712	3,71
CPFE60-300 300X100X2	60	300	12"	300	12"	100	4"	2/14713	4,20
CPFE60-300 400X100X2	60	300	12"	400	16"	100	4"	2/14714	5,03
CPFE60-300 500X100X2	60	300	12"	500	20"	100	4"	2/14715	5,60
CPFE60-300 600X100X2	60	300	12"	600	24"	100	4"	2/14716	6,17
CPFE60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/14717	4,00
CPFE60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/14718	4,29
CPFE60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/14719	4,87
CPFE60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/14720	5,88
CPFE60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/14721	6,57
CPFE60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/14722	7,26
CPFE60-300 150X150X2	60	300	12"	150	6"	150	6"	2/14723	4,66
CPFE60-300 200X150X2	60	300	12"	200	8"	150	6"	2/14724	4,98
CPFE60-300 300X150X2	60	300	12"	300	12"	150	6"	2/14725	5,61
CPFE60-300 400X150X2	60	300	12"	400	16"	150	6"	2/14726	6,67
CPFE60-300 500X150X2	60	300	12"	500	20"	150	6"	2/14727	7,41
CPFE60-300 600X150X2	60	300	12"	600	24"	150	6"	2/14728	8,15



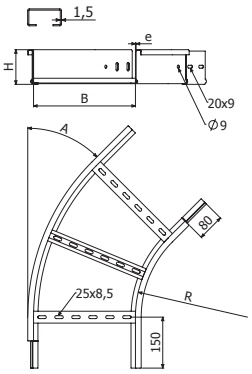
H75-H120



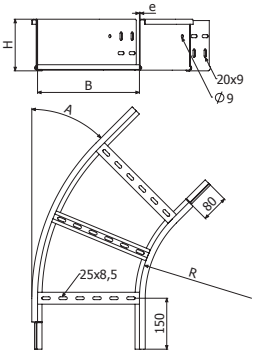
H150



4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



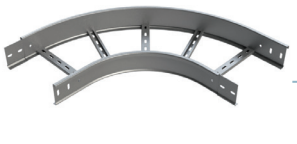
H75-H120



H150

CPFE-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE-300 100X75X2	90	300	12"	100	4"	75	3"	2/0887	3,46
CPFE-300 150X75X2	90	300	12"	150	6"	75	3"	2/0888	3,77
CPFE-300 200X75X2	90	300	12"	200	8"	75	3"	2/0889	4,07
CPFE-300 300X75X2	90	300	12"	300	12"	75	3"	2/0890	4,69
CPFE-300 400X75X2	90	300	12"	400	16"	75	3"	2/0891	5,63
CPFE-300 500X75X2	90	300	12"	500	20"	75	3"	2/0892	6,33
CPFE-300 600X75X2	90	300	12"	600	24"	75	3"	2/0893	7,53
CPFE-300 100X100X2	90	300	12"	100	4"	100	4"	2/0895	4,23
CPFE-300 150X100X2	90	300	12"	150	6"	100	4"	2/0896	4,57
CPFE-300 200X100X2	90	300	12"	200	8"	100	4"	2/0897	4,91
CPFE-300 300X100X2	90	300	12"	300	12"	100	4"	2/0898	5,59
CPFE-300 400X100X2	90	300	12"	400	16"	100	4"	2/0899	6,60
CPFE-300 500X100X2	90	300	12"	500	20"	100	4"	2/0900	7,36
CPFE-300 600X100X2	90	300	12"	600	24"	100	4"	2/0901	8,64
CPFE-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/6880	5,38
CPFE-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/6881	5,80
CPFE-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/6882	6,64
CPFE-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/6883	7,94
CPFE-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/6884	8,90
CPFE-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/6885	10,53
CPFE-300 150X150X2	90	300	12"	150	6"	150	6"	2/6886	6,33
CPFE-300 200X150X2	90	300	12"	200	8"	150	6"	2/6887	6,80
CPFE-300 300X150X2	90	300	12"	300	12"	150	6"	2/6888	7,72
CPFE-300 400X150X2	90	300	12"	400	16"	150	6"	2/6889	9,10
CPFE-300 500X150X2	90	300	12"	500	20"	150	6"	2/6890	10,14
CPFE-300 600X150X2	90	300	12"	600	24"	150	6"	2/6891	11,85

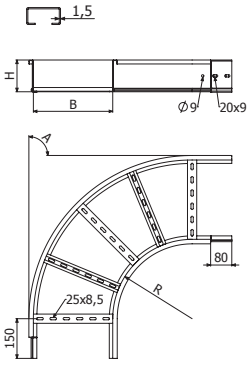


H75-H120

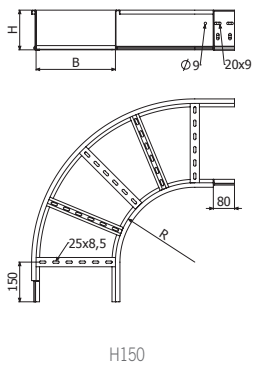


H150

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120

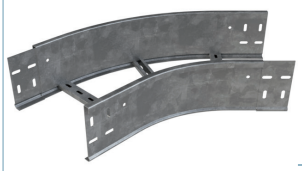


H150

CPFE30-600

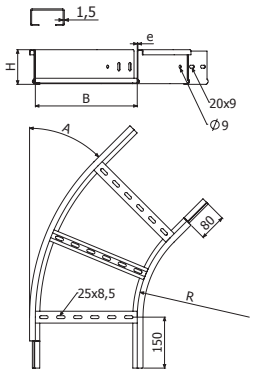
	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE30-600 100X75X2	30	600	24"	100	4"	75	3"	2/14886	2,59
CPFE30-600 150X75X2	30	600	24"	150	6"	75	3"	2/14887	2,77
CPFE30-600 200X75X2	30	600	24"	200	8"	75	3"	2/14888	2,94
CPFE30-600 300X75X2	30	600	24"	300	12"	75	3"	2/14889	3,29
CPFE30-600 400X75X2	30	600	24"	400	16"	75	3"	2/14890	3,64
CPFE30-600 500X75X2	30	600	24"	500	20"	75	3"	2/14891	4,00
CPFE30-600 600X75X2	30	600	24"	600	24"	75	3"	2/14892	4,35
CPFE30-600 100X100X2	30	600	24"	100	4"	100	4"	2/14893	3,10
CPFE30-600 150X100X2	30	600	24"	150	6"	100	4"	2/14894	3,29
CPFE30-600 200X100X2	30	600	24"	200	8"	100	4"	2/14895	3,48
CPFE30-600 300X100X2	30	600	24"	300	12"	100	4"	2/14896	3,85
CPFE30-600 400X100X2	30	600	24"	400	16"	100	4"	2/14897	4,22
CPFE30-600 500X100X2	30	600	24"	500	20"	100	4"	2/14898	4,59
CPFE30-600 600X100X2	30	600	24"	600	24"	100	4"	2/14899	4,96
CPFE30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/14900	3,80
CPFE30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/14901	4,02
CPFE30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/14902	4,47
CPFE30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/14903	4,92
CPFE30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/14904	5,37
CPFE30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/14905	5,82
CPFE30-600 150X150X2	30	600	24"	150	6"	150	6"	2/14906	4,43
CPFE30-600 200X150X2	30	600	24"	200	8"	150	6"	2/14907	4,66
CPFE30-600 300X150X2	30	600	24"	300	12"	150	6"	2/14908	5,14
CPFE30-600 400X150X2	30	600	24"	400	16"	150	6"	2/14909	5,61
CPFE30-600 500X150X2	30	600	24"	500	20"	150	6"	2/14910	6,09
CPFE30-600 600X150X2	30	600	24"	600	24"	150	6"	2/14911	6,57


H75-H120

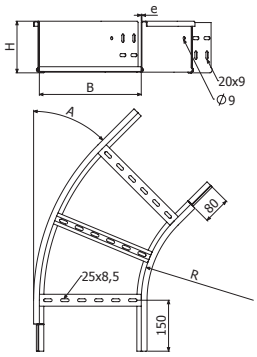

H150




4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

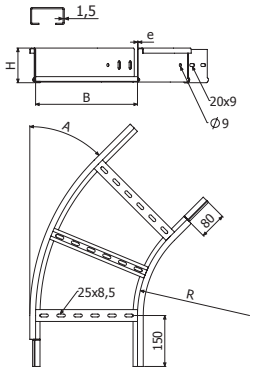
CPFE45-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE45-600 100X75X2	45	600	24"	100	4"	75	3"	2/14912	3,30
CPFE45-600 150X75X2	45	600	24"	150	6"	75	3"	2/14913	3,54
CPFE45-600 200X75X2	45	600	24"	200	8"	75	3"	2/14914	3,78
CPFE45-600 300X75X2	45	600	24"	300	12"	75	3"	2/14915	4,27
CPFE45-600 400X75X2	45	600	24"	400	16"	75	3"	2/14916	4,75
CPFE45-600 500X75X2	45	600	24"	500	20"	75	3"	2/14917	5,23
CPFE45-600 600X75X2	45	600	24"	600	24"	75	3"	2/14918	5,72
CPFE45-600 100X100X2	45	600	24"	100	4"	100	4"	2/14919	3,95
CPFE45-600 150X100X2	45	600	24"	150	6"	100	4"	2/14920	4,20
CPFE45-600 200X100X2	45	600	24"	200	8"	100	4"	2/14921	4,46
CPFE45-600 300X100X2	45	600	24"	300	12"	100	4"	2/14922	4,98
CPFE45-600 400X100X2	45	600	24"	400	16"	100	4"	2/14923	5,49
CPFE45-600 500X100X2	45	600	24"	500	20"	100	4"	2/14924	6,01
CPFE45-600 600X100X2	45	600	24"	600	24"	100	4"	2/14925	6,52
CPFE45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/14926	4,86
CPFE45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/14927	5,17
CPFE45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/14928	5,79
CPFE45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/14929	6,41
CPFE45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/14930	7,04
CPFE45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/14931	7,66
CPFE45-600 150X150X2	45	600	24"	150	6"	150	6"	2/14932	5,65
CPFE45-600 200X150X2	45	600	24"	200	8"	150	6"	2/14933	5,98
CPFE45-600 300X150X2	45	600	24"	300	12"	150	6"	2/14934	6,64
CPFE45-600 400X150X2	45	600	24"	400	16"	150	6"	2/14935	7,30
CPFE45-600 500X150X2	45	600	24"	500	20"	150	6"	2/14936	7,96
CPFE45-600 600X150X2	45	600	24"	600	24"	150	6"	2/14937	8,62

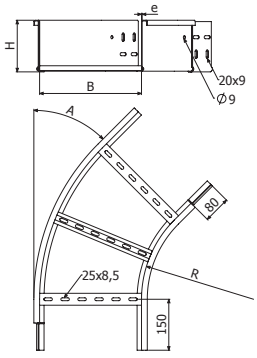

H75-H120


H150


4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



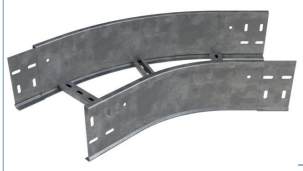
H150

CPFE60-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE60-600 100X75X2	60	600	24"	100	4"	75	3"	2/15605	3,92
CPFE60-600 150X75X2	60	600	24"	150	6"	75	3"	2/15606	4,18
CPFE60-600 200X75X2	60	600	24"	200	8"	75	3"	2/15607	4,62
CPFE60-600 300X75X2	60	600	24"	300	12"	75	3"	2/15608	5,24
CPFE60-600 400X75X2	60	600	24"	400	16"	75	3"	2/15609	5,85
CPFE60-600 500X75X2	60	600	24"	500	20"	75	3"	2/15610	6,47
CPFE60-600 600X75X2	60	600	24"	600	24"	75	3"	2/15611	7,09
CPFE60-600 100X100X2	60	600	24"	100	4"	100	4"	2/15612	4,70
CPFE60-600 150X100X2	60	600	24"	150	6"	100	4"	2/15613	4,99
CPFE60-600 200X100X2	60	600	24"	200	8"	100	4"	2/15614	5,45
CPFE60-600 300X100X2	60	600	24"	300	12"	100	4"	2/15615	6,11
CPFE60-600 400X100X2	60	600	24"	400	16"	100	4"	2/15616	6,76
CPFE60-600 500X100X2	60	600	24"	500	20"	100	4"	2/15617	7,42
CPFE60-600 600X100X2	60	600	24"	600	24"	100	4"	2/15618	8,08
CPFE60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/15619	5,76
CPFE60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/15620	6,31
CPFE60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/15621	7,11
CPFE60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/15622	7,90
CPFE60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/15623	8,70
CPFE60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/15624	9,49
CPFE60-600 150X150X2	60	600	24"	150	6"	150	6"	2/15625	6,72
CPFE60-600 200X150X2	60	600	24"	200	8"	150	6"	2/15626	7,30
CPFE60-600 300X150X2	60	600	24"	300	12"	150	6"	2/15627	8,15
CPFE60-600 400X150X2	60	600	24"	400	16"	150	6"	2/15628	8,99
CPFE60-600 500X150X2	60	600	24"	500	20"	150	6"	2/15629	9,84
CPFE60-600 600X150X2	60	600	24"	600	24"	150	6"	2/15630	10,68

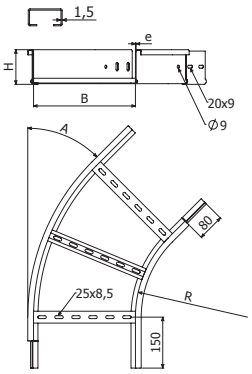


H75-H120

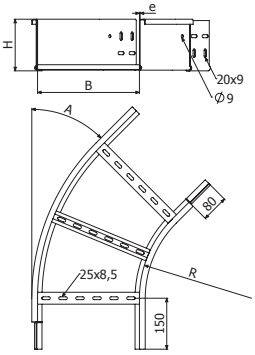


H150





H75-H120



H150

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)

CPFE-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE-600 100X75X2	90	600	24"	100	4"	75	3"	2/15631	5,33
CPFE-600 150X75X2	90	600	24"	150	6"	75	3"	2/15632	5,73
CPFE-600 200X75X2	90	600	24"	200	8"	75	3"	2/15633	6,13
CPFE-600 300X75X2	90	600	24"	300	12"	75	3"	2/15634	6,93
CPFE-600 400X75X2	90	600	24"	400	16"	75	3"	2/15635	8,06
CPFE-600 500X75X2	90	600	24"	500	20"	75	3"	2/15636	8,95
CPFE-600 600X75X2	90	600	24"	600	24"	75	3"	2/15637	9,83
CPFE-600 100X100X2	90	600	24"	100	4"	100	4"	2/15638	6,39
CPFE-600 150X100X2	90	600	24"	150	6"	100	4"	2/15639	6,82
CPFE-600 200X100X2	90	600	24"	200	8"	100	4"	2/15640	7,25
CPFE-600 300X100X2	90	600	24"	300	12"	100	4"	2/15641	8,11
CPFE-600 400X100X2	90	600	24"	400	16"	100	4"	2/15642	9,31
CPFE-600 500X100X2	90	600	24"	500	20"	100	4"	2/15643	10,26
CPFE-600 600X100X2	90	600	24"	600	24"	100	4"	2/15644	11,20
CPFE-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/15645	7,87
CPFE-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/15646	8,39
CPFE-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/15647	9,42
CPFE-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/15648	10,88
CPFE-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/15649	12,02
CPFE-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/15650	13,15
CPFE-600 150X150X2	90	600	24"	150	6"	150	6"	2/15651	9,18
CPFE-600 200X150X2	90	600	24"	200	8"	150	6"	2/15652	9,73
CPFE-600 300X150X2	90	600	24"	300	12"	150	6"	2/15653	10,84
CPFE-600 400X150X2	90	600	24"	400	16"	150	6"	2/15654	12,37
CPFE-600 500X150X2	90	600	24"	500	20"	150	6"	2/15655	13,59
CPFE-600 600X150X2	90	600	24"	600	24"	150	6"	2/15656	14,80

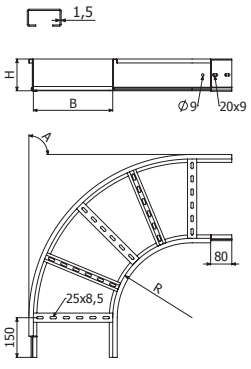


H75-H120

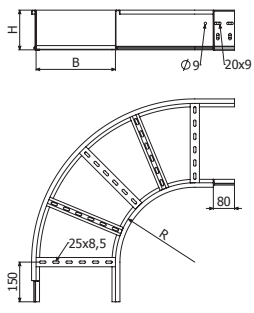


H150

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

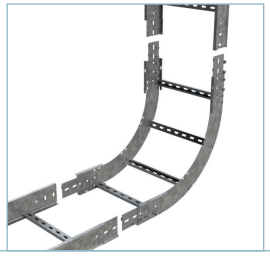
CCFE30-300



H75-H120

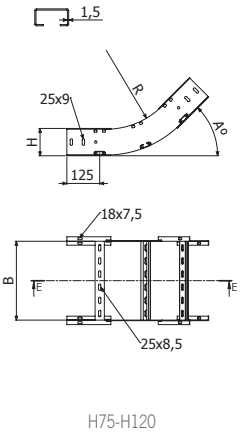


H150

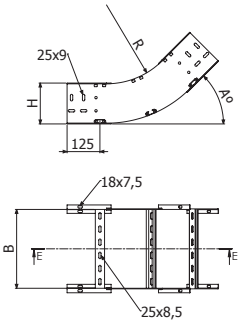


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE30-300 100X75X2	30	300	12"	100	4"	75	3"	2/14729	1,64
CCFE30-300 150X75X2	30	300	12"	150	6"	75	3"	2/14730	1,73
CCFE30-300 200X75X2	30	300	12"	200	8"	75	3"	2/14731	1,81
CCFE30-300 300X75X2	30	300	12"	300	12"	75	3"	2/14732	1,98
CCFE30-300 400X75X2	30	300	12"	400	16"	75	3"	2/14733	2,15
CCFE30-300 500X75X2	30	300	12"	500	20"	75	3"	2/14734	2,32
CCFE30-300 600X75X2	30	300	12"	600	24"	75	3"	2/14735	2,49
CCFE30-300 100X100X2	30	300	12"	100	4"	100	4"	2/14736	2,04
CCFE30-300 150X100X2	30	300	12"	150	6"	100	4"	2/14737	2,13
CCFE30-300 200X100X2	30	300	12"	200	8"	100	4"	2/14738	2,21
CCFE30-300 300X100X2	30	300	12"	300	12"	100	4"	2/14739	2,38
CCFE30-300 400X100X2	30	300	12"	400	16"	100	4"	2/14740	2,55
CCFE30-300 500X100X2	30	300	12"	500	20"	100	4"	2/14741	2,72
CCFE30-300 600X100X2	30	300	12"	600	24"	100	4"	2/14742	2,90
CCFE30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/14743	2,52
CCFE30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/14744	2,62
CCFE30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/14745	2,84
CCFE30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/14746	3,05
CCFE30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/14747	3,26
CCFE30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/14748	3,47
CCFE30-300 150X150X2	30	300	12"	150	6"	150	6"	2/14749	3,03
CCFE30-300 200X150X2	30	300	12"	200	8"	150	6"	2/14750	3,13
CCFE30-300 300X150X2	30	300	12"	300	12"	150	6"	2/14751	3,34
CCFE30-300 400X150X2	30	300	12"	400	16"	150	6"	2/14752	3,55
CCFE30-300 500X150X2	30	300	12"	500	20"	150	6"	2/14753	3,76
CCFE30-300 600X150X2	30	300	12"	600	24"	150	6"	2/14754	3,98

2 x JUFE



H75-H120



H150

CCFE45-300



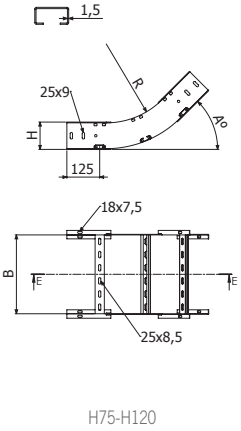
H75-H120



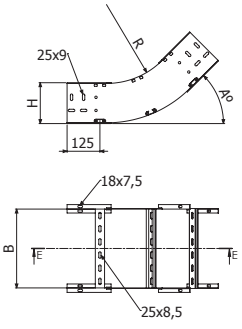
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE45-300 100X75X2	45	300	12"	100	4"	75	3"	2/14755	1,94
CCFE45-300 150X75X2	45	300	12"	150	6"	75	3"	2/14756	2,07
CCFE45-300 200X75X2	45	300	12"	200	8"	75	3"	2/14757	2,19
CCFE45-300 300X75X2	45	300	12"	300	12"	75	3"	2/14758	2,45
CCFE45-300 400X75X2	45	300	12"	400	16"	75	3"	2/14759	2,70
CCFE45-300 500X75X2	45	300	12"	500	20"	75	3"	2/14760	2,96
CCFE45-300 600X75X2	45	300	12"	600	24"	75	3"	2/14761	3,22
CCFE45-300 100X100X2	45	300	12"	100	4"	100	4"	2/14762	2,42
CCFE45-300 150X100X2	45	300	12"	150	6"	100	4"	2/14763	2,55
CCFE45-300 200X100X2	45	300	12"	200	8"	100	4"	2/14764	2,68
CCFE45-300 300X100X2	45	300	12"	300	12"	100	4"	2/14765	2,93
CCFE45-300 400X100X2	45	300	12"	400	16"	100	4"	2/14766	3,19
CCFE45-300 500X100X2	45	300	12"	500	20"	100	4"	2/14767	3,44
CCFE45-300 600X100X2	45	300	12"	600	24"	100	4"	2/14768	3,70
CCFE45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/14769	3,04
CCFE45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/14770	3,20
CCFE45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/14771	3,51
CCFE45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/14772	3,83
CCFE45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/14773	4,15
CCFE45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/14774	4,46
CCFE45-300 150X150X2	45	300	12"	150	6"	150	6"	2/14775	3,66
CCFE45-300 200X150X2	45	300	12"	200	8"	150	6"	2/14776	3,81
CCFE45-300 300X150X2	45	300	12"	300	12"	150	6"	2/14777	4,13
CCFE45-300 400X150X2	45	300	12"	400	16"	150	6"	2/14778	4,45
CCFE45-300 500X150X2	45	300	12"	500	20"	150	6"	2/14779	4,76
CCFE45-300 600X150X2	45	300	12"	600	24"	150	6"	2/14780	5,08

2 x JUFE



H75-H120



H150

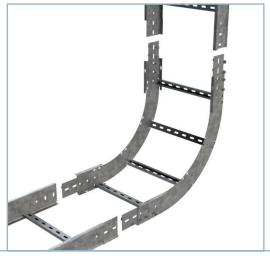
CCFE60-300



H75-H120

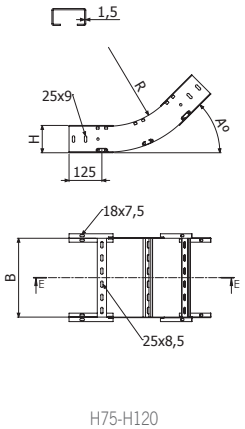


H150

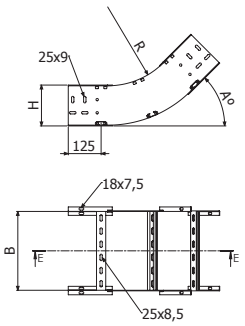


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE60-300 100X75X2	60	300	12"	100	4"	75	3"	2/14781	2,15
CCFE60-300 150X75X2	60	300	12"	150	6"	75	3"	2/14782	2,28
CCFE60-300 200X75X2	60	300	12"	200	8"	75	3"	2/14783	2,41
CCFE60-300 300X75X2	60	300	12"	300	12"	75	3"	2/14784	2,66
CCFE60-300 400X75X2	60	300	12"	400	16"	75	3"	2/14785	2,92
CCFE60-300 500X75X2	60	300	12"	500	20"	75	3"	2/14786	3,17
CCFE60-300 600X75X2	60	300	12"	600	24"	75	3"	2/14787	3,43
CCFE60-300 100X100X2	60	300	12"	100	4"	100	4"	2/14788	2,71
CCFE60-300 150X100X2	60	300	12"	150	6"	100	4"	2/14789	2,84
CCFE60-300 200X100X2	60	300	12"	200	8"	100	4"	2/14790	2,97
CCFE60-300 300X100X2	60	300	12"	300	12"	100	4"	2/14791	3,23
CCFE60-300 400X100X2	60	300	12"	400	16"	100	4"	2/14792	3,48
CCFE60-300 500X100X2	60	300	12"	500	20"	100	4"	2/14793	3,74
CCFE60-300 600X100X2	60	300	12"	600	24"	100	4"	2/14794	3,99
CCFE60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/14795	3,40
CCFE60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/14796	3,56
CCFE60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/14797	3,88
CCFE60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/14798	4,19
CCFE60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/14799	4,51
CCFE60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/14800	4,83
CCFE60-300 150X150X2	60	300	12"	150	6"	150	6"	2/14801	4,13
CCFE60-300 200X150X2	60	300	12"	200	8"	150	6"	2/14802	4,28
CCFE60-300 300X150X2	60	300	12"	300	12"	150	6"	2/14803	4,60
CCFE60-300 400X150X2	60	300	12"	400	16"	150	6"	2/14804	4,92
CCFE60-300 500X150X2	60	300	12"	500	20"	150	6"	2/14805	5,24
CCFE60-300 600X150X2	60	300	12"	600	24"	150	6"	2/14806	5,55

2 x JUFE



H75-H120

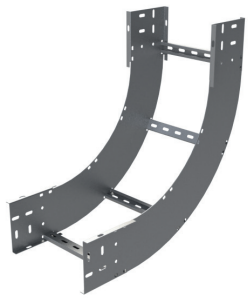


H150

CCFE-300



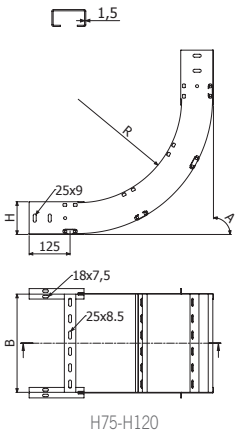
H75-H120



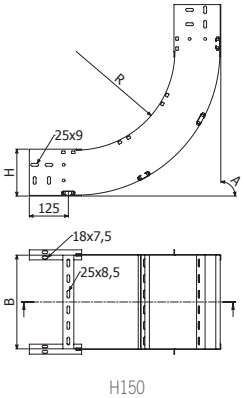
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE-300 100X75X2	90	300	12"	100	4"	75	3"	2/4794	2,71
CCFE-300 150X75X2	90	300	12"	150	6"	75	3"	2/4596	2,88
CCFE-300 200X75X2	90	300	12"	200	8"	75	3"	2/4548	3,07
CCFE-300 300X75X2	90	300	12"	300	12"	75	3"	2/4549	3,43
CCFE-300 400X75X2	90	300	12"	400	16"	75	3"	2/0802	3,78
CCFE-300 500X75X2	90	300	12"	500	20"	75	3"	2/0803	4,14
CCFE-300 600X75X2	90	300	12"	600	24"	75	3"	2/0804	4,50
CCFE-300 100X100X2	90	300	12"	100	4"	100	4"	2/0805	3,50
CCFE-300 150X100X2	90	300	12"	150	6"	100	4"	2/0806	3,69
CCFE-300 200X100X2	90	300	12"	200	8"	100	4"	2/0807	3,86
CCFE-300 300X100X2	90	300	12"	300	12"	100	4"	2/0808	4,22
CCFE-300 400X100X2	90	300	12"	400	16"	100	4"	2/0809	4,59
CCFE-300 500X100X2	90	300	12"	500	20"	100	4"	2/0810	4,94
CCFE-300 600X100X2	90	300	12"	600	24"	100	4"	2/0811	5,30
CCFE-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/6892	4,51
CCFE-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/6893	4,74
CCFE-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/6894	5,22
CCFE-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/6895	5,69
CCFE-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/6896	6,16
CCFE-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/6897	6,64
CCFE-300 150X150X2	90	300	12"	150	6"	150	6"	2/6898	5,50
CCFE-300 200X150X2	90	300	12"	200	8"	150	6"	2/6899	5,73
CCFE-300 300X150X2	90	300	12"	300	12"	150	6"	2/6900	6,21
CCFE-300 400X150X2	90	300	12"	400	16"	150	6"	2/6901	6,68
CCFE-300 500X150X2	90	300	12"	500	20"	150	6"	2/6902	7,15
CCFE-300 600X150X2	90	300	12"	600	24"	150	6"	2/6903	7,63

2 x JUFE



H75-H120



H150

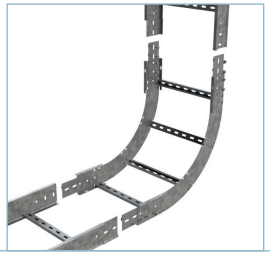
CCFE30-600



H75-H120

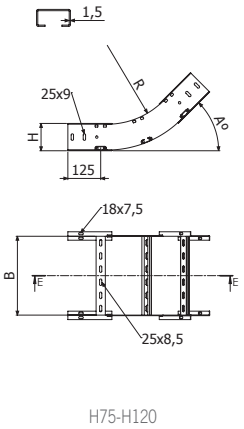


H150

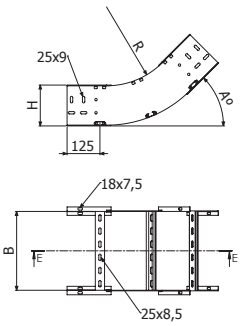


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE30-600 100X75X2	30	600	24"	100	4"	75	3"	2/15657	2,10
CCFE30-600 150X75X2	30	600	24"	150	6"	75	3"	2/15658	2,23
CCFE30-600 200X75X2	30	600	24"	200	8"	75	3"	2/15659	2,36
CCFE30-600 300X75X2	30	600	24"	300	12"	75	3"	2/15660	2,61
CCFE30-600 400X75X2	30	600	24"	400	16"	75	3"	2/15661	2,87
CCFE30-600 500X75X2	30	600	24"	500	20"	75	3"	2/15662	3,13
CCFE30-600 600X75X2	30	600	24"	600	24"	75	3"	2/15663	3,38
CCFE30-600 100X100X2	30	600	24"	100	4"	100	4"	2/15664	2,63
CCFE30-600 150X100X2	30	600	24"	150	6"	100	4"	2/15665	2,76
CCFE30-600 200X100X2	30	600	24"	200	8"	100	4"	2/15666	2,89
CCFE30-600 300X100X2	30	600	24"	300	12"	100	4"	2/15667	3,14
CCFE30-600 400X100X2	30	600	24"	400	16"	100	4"	2/15668	3,40
CCFE30-600 500X100X2	30	600	24"	500	20"	100	4"	2/15669	3,65
CCFE30-600 600X100X2	30	600	24"	600	24"	100	4"	2/15670	3,91
CCFE30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/15671	3,28
CCFE30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/15672	3,44
CCFE30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/15673	3,76
CCFE30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/15674	4,07
CCFE30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/15675	4,39
CCFE30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/15676	4,71
CCFE30-600 150X150X2	30	600	24"	150	6"	150	6"	2/15677	3,94
CCFE30-600 200X150X2	30	600	24"	200	8"	150	6"	2/15678	4,10
CCFE30-600 300X150X2	30	600	24"	300	12"	150	6"	2/15679	4,41
CCFE30-600 400X150X2	30	600	24"	400	16"	150	6"	2/15680	4,73
CCFE30-600 500X150X2	30	600	24"	500	20"	150	6"	2/15681	5,05
CCFE30-600 600X150X2	30	600	24"	600	24"	150	6"	2/15682	5,36

2 x JUFE



H75-H120



H150

CCFE45-600



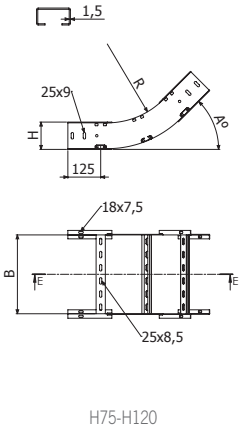
H75-H120



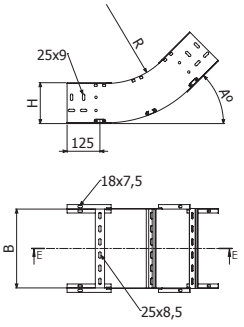
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE45-600 100X75X2	45	600	24"	100	4"	75	3"	2/15683	2,59
CCFE45-600 150X75X2	45	600	24"	150	6"	75	3"	2/15684	2,76
CCFE45-600 200X75X2	45	600	24"	200	8"	75	3"	2/15685	2,93
CCFE45-600 300X75X2	45	600	24"	300	12"	75	3"	2/15686	3,27
CCFE45-600 400X75X2	45	600	24"	400	16"	75	3"	2/15687	3,61
CCFE45-600 500X75X2	45	600	24"	500	20"	75	3"	2/15688	3,95
CCFE45-600 600X75X2	45	600	24"	600	24"	75	3"	2/15689	4,29
CCFE45-600 100X100X2	45	600	24"	100	4"	100	4"	2/15690	3,26
CCFE45-600 150X100X2	45	600	24"	150	6"	100	4"	2/15691	3,43
CCFE45-600 200X100X2	45	600	24"	200	8"	100	4"	2/15692	3,60
CCFE45-600 300X100X2	45	600	24"	300	12"	100	4"	2/15693	3,94
CCFE45-600 400X100X2	45	600	24"	400	16"	100	4"	2/15694	4,28
CCFE45-600 500X100X2	45	600	24"	500	20"	100	4"	2/15695	4,62
CCFE45-600 600X100X2	45	600	24"	600	24"	100	4"	2/15696	4,96
CCFE45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/15697	4,10
CCFE45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/15698	4,31
CCFE45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/15699	4,74
CCFE45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/15700	5,16
CCFE45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/15701	5,58
CCFE45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/15702	6,00
CCFE45-600 150X150X2	45	600	24"	150	6"	150	6"	2/15703	4,94
CCFE45-600 200X150X2	45	600	24"	200	8"	150	6"	2/15704	5,16
CCFE45-600 300X150X2	45	600	24"	300	12"	150	6"	2/15705	5,58
CCFE45-600 400X150X2	45	600	24"	400	16"	150	6"	2/15706	6,00
CCFE45-600 500X150X2	45	600	24"	500	20"	150	6"	2/15707	6,42
CCFE45-600 600X150X2	45	600	24"	600	24"	150	6"	2/15708	6,85

2 x JUFE



H75-H120



H150

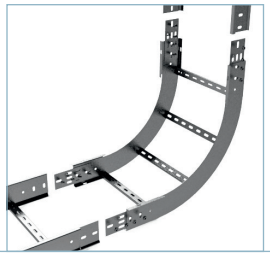
CCFE60-600



H75-H120

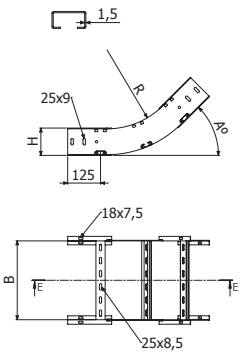


H150

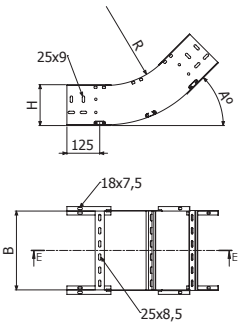


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE60-600 100X75X2	60	600	24"	100	4"	75	3"	2/15709	2,99
CCFE60-600 150X75X2	60	600	24"	150	6"	75	3"	2/15710	3,16
CCFE60-600 200X75X2	60	600	24"	200	8"	75	3"	2/15711	3,33
CCFE60-600 300X75X2	60	600	24"	300	12"	75	3"	2/15712	3,67
CCFE60-600 400X75X2	60	600	24"	400	16"	75	3"	2/15713	4,01
CCFE60-600 500X75X2	60	600	24"	500	20"	75	3"	2/15714	4,35
CCFE60-600 600X75X2	60	600	24"	600	24"	75	3"	2/15715	4,69
CCFE60-600 100X100X2	60	600	24"	100	4"	100	4"	2/15716	3,81
CCFE60-600 150X100X2	60	600	24"	150	6"	100	4"	2/15717	3,98
CCFE60-600 200X100X2	60	600	24"	200	8"	100	4"	2/15718	4,15
CCFE60-600 300X100X2	60	600	24"	300	12"	100	4"	2/15719	4,49
CCFE60-600 400X100X2	60	600	24"	400	16"	100	4"	2/15720	4,83
CCFE60-600 500X100X2	60	600	24"	500	20"	100	4"	2/15721	5,17
CCFE60-600 600X100X2	60	600	24"	600	24"	100	4"	2/15722	5,51
CCFE60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/15723	4,77
CCFE60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/15724	4,98
CCFE60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/15725	5,40
CCFE60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/15726	5,82
CCFE60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/15727	6,24
CCFE60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/15728	6,67
CCFE60-600 150X150X2	60	600	24"	150	6"	150	6"	2/15729	5,95
CCFE60-600 200X150X2	60	600	24"	200	8"	150	6"	2/15730	6,22
CCFE60-600 300X150X2	60	600	24"	300	12"	150	6"	2/15731	6,74
CCFE60-600 400X150X2	60	600	24"	400	16"	150	6"	2/15732	7,27
CCFE60-600 500X150X2	60	600	24"	500	20"	150	6"	2/15733	7,80
CCFE60-600 600X150X2	60	600	24"	600	24"	150	6"	2/15734	8,33

2 x JUFE



H75-H120

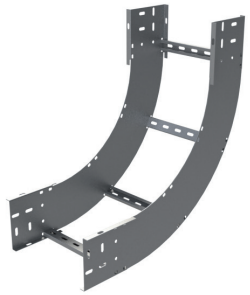


H150

CCFE-600



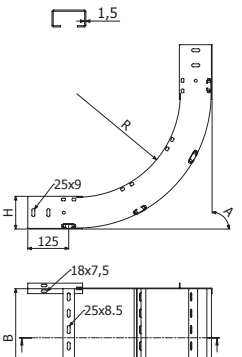
H75-H120



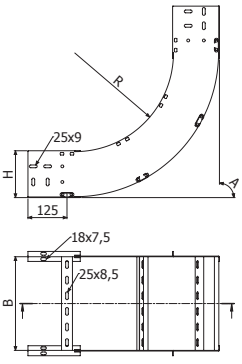
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE-600 100X75X2	90	600	24"	100	4"	75	3"	2/15735	3,96
CCFE-600 150X75X2	90	600	24"	150	6"	75	3"	2/15736	4,22
CCFE-600 200X75X2	90	600	24"	200	8"	75	3"	2/15737	4,47
CCFE-600 300X75X2	90	600	24"	300	12"	75	3"	2/15738	4,98
CCFE-600 400X75X2	90	600	24"	400	16"	75	3"	2/15739	5,49
CCFE-600 500X75X2	90	600	24"	500	20"	75	3"	2/15740	6,01
CCFE-600 600X75X2	90	600	24"	600	24"	75	3"	2/15741	6,52
CCFE-600 100X100X2	90	600	24"	100	4"	100	4"	2/15742	5,06
CCFE-600 150X100X2	90	600	24"	150	6"	100	4"	2/15743	5,32
CCFE-600 200X100X2	90	600	24"	200	8"	100	4"	2/15744	5,58
CCFE-600 300X100X2	90	600	24"	300	12"	100	4"	2/15745	6,09
CCFE-600 400X100X2	90	600	24"	400	16"	100	4"	2/15746	6,60
CCFE-600 500X100X2	90	600	24"	500	20"	100	4"	2/15747	7,11
CCFE-600 600X100X2	90	600	24"	600	24"	100	4"	2/15748	7,62
CCFE-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/15749	6,41
CCFE-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/15750	6,73
CCFE-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/7037	7,36
CCFE-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/15751	7,99
CCFE-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/15752	8,63
CCFE-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/7036	9,26
CCFE-600 150X150X2	90	600	24"	150	6"	150	6"	2/15753	7,81
CCFE-600 200X150X2	90	600	24"	200	8"	150	6"	2/15754	8,12
CCFE-600 300X150X2	90	600	24"	300	12"	150	6"	2/15755	8,76
CCFE-600 400X150X2	90	600	24"	400	16"	150	6"	2/15756	9,39
CCFE-600 500X150X2	90	600	24"	500	20"	150	6"	2/15757	10,02
CCFE-600 600X150X2	90	600	24"	600	24"	150	6"	2/15758	10,66

2 x JUFE



H75-H120



H150

CXFE30-300



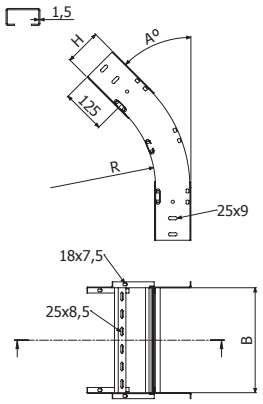
H75-H120



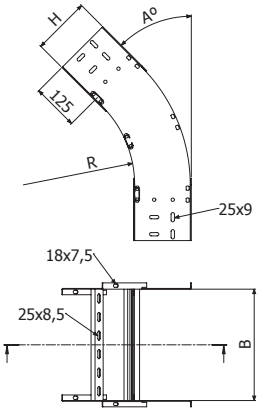
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE30-300 100X75X2	30	300	12"	100	4"	75	3"	2/14807	1,64
CXFE30-300 150X75X2	30	300	12"	150	6"	75	3"	2/14808	1,73
CXFE30-300 200X75X2	30	300	12"	200	8"	75	3"	2/14810	1,81
CXFE30-300 300X75X2	30	300	12"	300	12"	75	3"	2/14811	1,98
CXFE30-300 400X75X2	30	300	12"	400	16"	75	3"	2/14812	2,15
CXFE30-300 500X75X2	30	300	12"	500	20"	75	3"	2/14813	2,32
CXFE30-300 600X75X2	30	300	12"	600	24"	75	3"	2/14814	2,49
CXFE30-300 100X100X2	30	300	12"	100	4"	100	4"	2/14815	2,04
CXFE30-300 150X100X2	30	300	12"	150	6"	100	4"	2/14816	2,13
CXFE30-300 200X100X2	30	300	12"	200	8"	100	4"	2/14817	2,21
CXFE30-300 300X100X2	30	300	12"	300	12"	100	4"	2/14818	2,38
CXFE30-300 400X100X2	30	300	12"	400	16"	100	4"	2/14819	2,55
CXFE30-300 500X100X2	30	300	12"	500	20"	100	4"	2/14820	2,72
CXFE30-300 600X100X2	30	300	12"	600	24"	100	4"	2/14821	2,90
CXFE30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/14822	2,52
CXFE30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/14823	2,62
CXFE30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/14824	2,84
CXFE30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/14825	3,05
CXFE30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/14826	3,26
CXFE30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/14827	3,47
CXFE30-300 150X150X2	30	300	12"	150	6"	150	6"	2/14828	3,03
CXFE30-300 200X150X2	30	300	12"	200	8"	150	6"	2/14829	3,13
CXFE30-300 300X150X2	30	300	12"	300	12"	150	6"	2/14830	3,34
CXFE30-300 400X150X2	30	300	12"	400	16"	150	6"	2/14831	3,55
CXFE30-300 500X150X2	30	300	12"	500	20"	150	6"	2/14832	3,76
CXFE30-300 600X150X2	30	300	12"	600	24"	150	6"	2/14833	3,98

2 x JUFE



H75-H120



H150

CXFE45-300



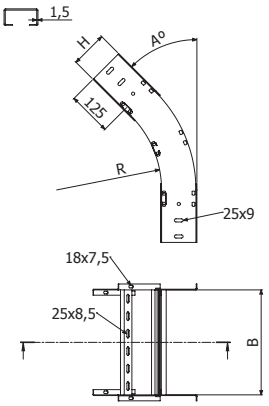
H75-H120



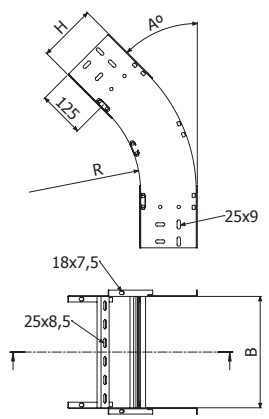
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE45-300 100X75X2	45	300	12"	100	4"	75	3"	2/14834	1,94
CXFE45-300 150X75X2	45	300	12"	150	6"	75	3"	2/14835	2,07
CXFE45-300 200X75X2	45	300	12"	200	8"	75	3"	2/14836	2,19
CXFE45-300 300X75X2	45	300	12"	300	12"	75	3"	2/14837	2,45
CXFE45-300 400X75X2	45	300	12"	400	16"	75	3"	2/14838	2,70
CXFE45-300 500X75X2	45	300	12"	500	20"	75	3"	2/14839	2,96
CXFE45-300 600X75X2	45	300	12"	600	24"	75	3"	2/14840	3,22
CXFE45-300 100X100X2	45	300	12"	100	4"	100	4"	2/14841	2,42
CXFE45-300 150X100X2	45	300	12"	150	6"	100	4"	2/14842	2,55
CXFE45-300 200X100X2	45	300	12"	200	8"	100	4"	2/14843	2,68
CXFE45-300 300X100X2	45	300	12"	300	12"	100	4"	2/14844	2,93
CXFE45-300 400X100X2	45	300	12"	400	16"	100	4"	2/14845	3,19
CXFE45-300 500X100X2	45	300	12"	500	20"	100	4"	2/14846	3,44
CXFE45-300 600X100X2	45	300	12"	600	24"	100	4"	2/14847	3,70
CXFE45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/14848	3,04
CXFE45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/14849	3,20
CXFE45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/14850	3,51
CXFE45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/14851	3,83
CXFE45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/14852	4,15
CXFE45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/14853	4,46
CXFE45-300 150X150X2	45	300	12"	150	6"	150	6"	2/14854	3,66
CXFE45-300 200X150X2	45	300	12"	200	8"	150	6"	2/14855	3,81
CXFE45-300 300X150X2	45	300	12"	300	12"	150	6"	2/14856	4,13
CXFE45-300 400X150X2	45	300	12"	400	16"	150	6"	2/14857	4,45
CXFE45-300 500X150X2	45	300	12"	500	20"	150	6"	2/14858	4,76
CXFE45-300 600X150X2	45	300	12"	600	24"	150	6"	2/14859	5,08

2 x JUFE



H75-H120



H150

CXFE60-300



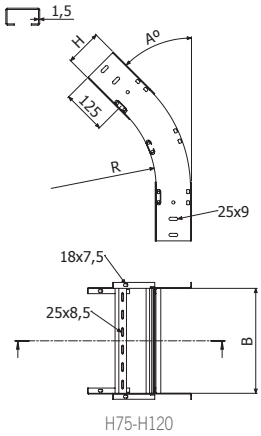
H75-H120



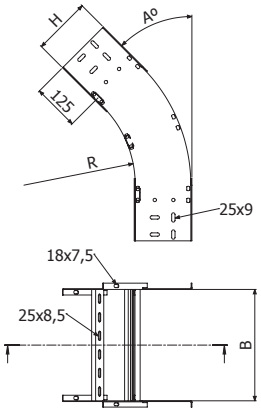
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE60-300 100X75X2	60	300	12"	100	4"	75	3"	2/14860	2,15
CXFE60-300 150X75X2	60	300	12"	150	6"	75	3"	2/14861	2,28
CXFE60-300 200X75X2	60	300	12"	200	8"	75	3"	2/14862	2,41
CXFE60-300 300X75X2	60	300	12"	300	12"	75	3"	2/14863	2,66
CXFE60-300 400X75X2	60	300	12"	400	16"	75	3"	2/14864	2,92
CXFE60-300 500X75X2	60	300	12"	500	20"	75	3"	2/14865	3,17
CXFE60-300 600X75X2	60	300	12"	600	24"	75	3"	2/14866	3,43
CXFE60-300 100X100X2	60	300	12"	100	4"	100	4"	2/14867	2,71
CXFE60-300 150X100X2	60	300	12"	150	6"	100	4"	2/14868	2,84
CXFE60-300 200X100X2	60	300	12"	200	8"	100	4"	2/14869	2,97
CXFE60-300 300X100X2	60	300	12"	300	12"	100	4"	2/14870	3,23
CXFE60-300 400X100X2	60	300	12"	400	16"	100	4"	2/14871	3,48
CXFE60-300 500X100X2	60	300	12"	500	20"	100	4"	2/14872	3,74
CXFE60-300 600X100X2	60	300	12"	600	24"	100	4"	2/14873	3,99
CXFE60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/14874	3,40
CXFE60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/14875	3,56
CXFE60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/14876	3,88
CXFE60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/14877	4,19
CXFE60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/14878	4,51
CXFE60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/14879	4,83
CXFE60-300 150X150X2	60	300	12"	150	6"	150	6"	2/14880	4,13
CXFE60-300 200X150X2	60	300	12"	200	8"	150	6"	2/14881	4,28
CXFE60-300 300X150X2	60	300	12"	300	12"	150	6"	2/14882	4,60
CXFE60-300 400X150X2	60	300	12"	400	16"	150	6"	2/14883	4,92
CXFE60-300 500X150X2	60	300	12"	500	20"	150	6"	2/14884	5,24
CXFE60-300 600X150X2	60	300	12"	600	24"	150	6"	2/14885	5,55

2 x JUFE



H75-H120

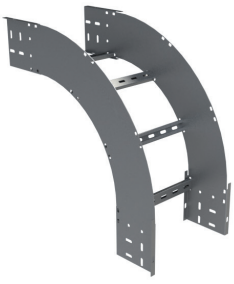


H150

CXFE-300



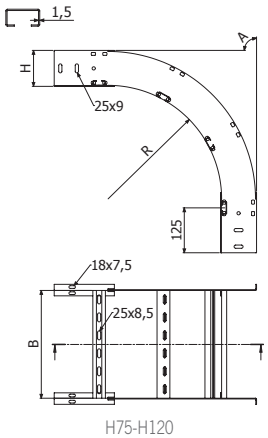
H75-H120



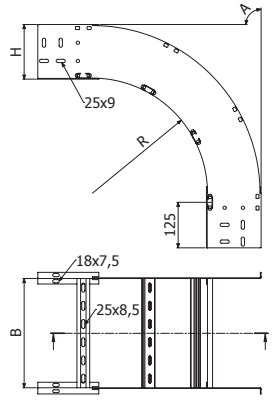
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE-300 100X75X2	90	300	12"	100	4"	75	3"	2/0909	2,61
CXFE-300 150X75X2	90	300	12"	150	6"	75	3"	2/0910	2,75
CXFE-300 200X75X2	90	300	12"	200	8"	75	3"	2/0911	2,88
CXFE-300 300X75X2	90	300	12"	300	12"	75	3"	2/0912	3,15
CXFE-300 400X75X2	90	300	12"	400	16"	75	3"	2/0913	3,43
CXFE-300 500X75X2	90	300	12"	500	20"	75	3"	2/0914	3,70
CXFE-300 600X75X2	90	300	12"	600	24"	75	3"	2/0915	3,97
CXFE-300 100X100X2	90	300	12"	100	4"	100	4"	2/0916	3,41
CXFE-300 150X100X2	90	300	12"	150	6"	100	4"	2/0917	3,55
CXFE-300 200X100X2	90	300	12"	200	8"	100	4"	2/0918	3,69
CXFE-300 300X100X2	90	300	12"	300	12"	100	4"	2/0919	3,95
CXFE-300 400X100X2	90	300	12"	400	16"	100	4"	2/0920	4,22
CXFE-300 500X100X2	90	300	12"	500	20"	100	4"	2/0921	4,49
CXFE-300 600X100X2	90	300	12"	600	24"	100	4"	2/0922	4,76
CXFE-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/6904	4,32
CXFE-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/6905	4,51
CXFE-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/6906	4,86
CXFE-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/6907	5,21
CXFE-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/6908	5,57
CXFE-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/6909	5,92
CXFE-300 150X150X2	90	300	12"	150	6"	150	6"	2/6910	5,31
CXFE-300 200X150X2	90	300	12"	200	8"	150	6"	2/6911	5,50
CXFE-300 300X150X2	90	300	12"	300	12"	150	6"	2/6912	5,85
CXFE-300 400X150X2	90	300	12"	400	16"	150	6"	2/6913	6,21
CXFE-300 500X150X2	90	300	12"	500	20"	150	6"	2/6914	6,56
CXFE-300 600X150X2	90	300	12"	600	24"	150	6"	2/6915	6,91

2 x JUFE



H75-H120



H150

CXFE30-600



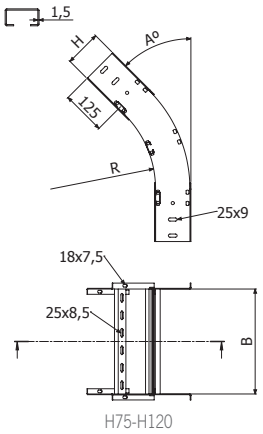
H75-H120



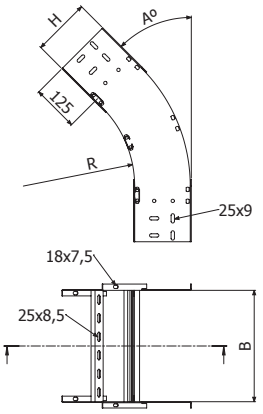
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE30-600 100X75X2	30	600	24"	100	4"	75	3"	2/15759	2,10
CXFE30-600 150X75X2	30	600	24"	150	6"	75	3"	2/15760	2,23
CXFE30-600 200X75X2	30	600	24"	200	8"	75	3"	2/15761	2,36
CXFE30-600 300X75X2	30	600	24"	300	12"	75	3"	2/15762	2,61
CXFE30-600 400X75X2	30	600	24"	400	16"	75	3"	2/15763	2,87
CXFE30-600 500X75X2	30	600	24"	500	20"	75	3"	2/15764	3,13
CXFE30-600 600X75X2	30	600	24"	600	24"	75	3"	2/15765	3,38
CXFE30-600 100X100X2	30	600	24"	100	4"	100	4"	2/15766	2,63
CXFE30-600 150X100X2	30	600	24"	150	6"	100	4"	2/15767	2,76
CXFE30-600 200X100X2	30	600	24"	200	8"	100	4"	2/15768	2,89
CXFE30-600 300X100X2	30	600	24"	300	12"	100	4"	2/15769	3,14
CXFE30-600 400X100X2	30	600	24"	400	16"	100	4"	2/15770	3,40
CXFE30-600 500X100X2	30	600	24"	500	20"	100	4"	2/15771	3,65
CXFE30-600 600X100X2	30	600	24"	600	24"	100	4"	2/15772	3,91
CXFE30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/15773	3,28
CXFE30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/15774	3,44
CXFE30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/15775	3,76
CXFE30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/15776	4,07
CXFE30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/15777	4,39
CXFE30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/15778	4,71
CXFE30-600 150X150X2	30	600	24"	150	6"	150	6"	2/15779	3,94
CXFE30-600 200X150X2	30	600	24"	200	8"	150	6"	2/15780	4,10
CXFE30-600 300X150X2	30	600	24"	300	12"	150	6"	2/15781	4,41
CXFE30-600 400X150X2	30	600	24"	400	16"	150	6"	2/15782	4,73
CXFE30-600 500X150X2	30	600	24"	500	20"	150	6"	2/15783	5,05
CXFE30-600 600X150X2	30	600	24"	600	24"	150	6"	2/15784	5,36

2 x JUFE



H75-H120



H150

CXFE45-600



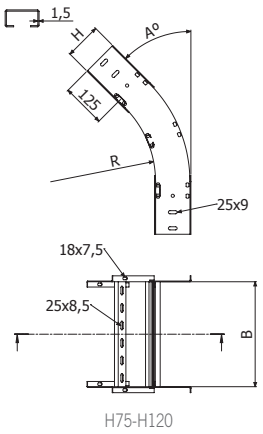
H75-H120



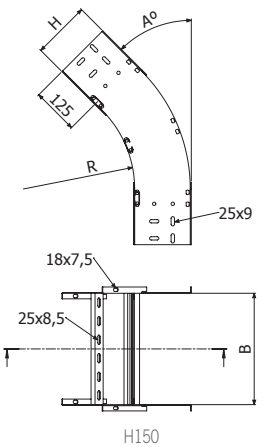
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE45-600 100X75X2	45	600	24"	100	4"	75	3"	2/15785	2,59
CXFE45-600 150X75X2	45	600	24"	150	6"	75	3"	2/15786	2,76
CXFE45-600 200X75X2	45	600	24"	200	8"	75	3"	2/15787	2,93
CXFE45-600 300X75X2	45	600	24"	300	12"	75	3"	2/15788	3,27
CXFE45-600 400X75X2	45	600	24"	400	16"	75	3"	2/15789	3,61
CXFE45-600 500X75X2	45	600	24"	500	20"	75	3"	2/15790	3,95
CXFE45-600 600X75X2	45	600	24"	600	24"	75	3"	2/15791	4,29
CXFE45-600 100X100X2	45	600	24"	100	4"	100	4"	2/15792	3,26
CXFE45-600 150X100X2	45	600	24"	150	6"	100	4"	2/15793	3,43
CXFE45-600 200X100X2	45	600	24"	200	8"	100	4"	2/15794	3,60
CXFE45-600 300X100X2	45	600	24"	300	12"	100	4"	2/15795	3,94
CXFE45-600 400X100X2	45	600	24"	400	16"	100	4"	2/15796	4,28
CXFE45-600 500X100X2	45	600	24"	500	20"	100	4"	2/15797	4,62
CXFE45-600 600X100X2	45	600	24"	600	24"	100	4"	2/15798	4,96
CXFE45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/15799	4,10
CXFE45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/15800	4,31
CXFE45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/15801	4,74
CXFE45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/15802	5,16
CXFE45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/15803	5,58
CXFE45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/15804	6,00
CXFE45-600 150X150X2	45	600	24"	150	6"	150	6"	2/15805	4,94
CXFE45-600 200X150X2	45	600	24"	200	8"	150	6"	2/15806	5,16
CXFE45-600 300X150X2	45	600	24"	300	12"	150	6"	2/15807	5,58
CXFE45-600 400X150X2	45	600	24"	400	16"	150	6"	2/15808	6,00
CXFE45-600 500X150X2	45	600	24"	500	20"	150	6"	2/15809	6,42
CXFE45-600 600X150X2	45	600	24"	600	24"	150	6"	2/15810	6,85

2 x JUFE



H75-H120



H150

CXFE60-600



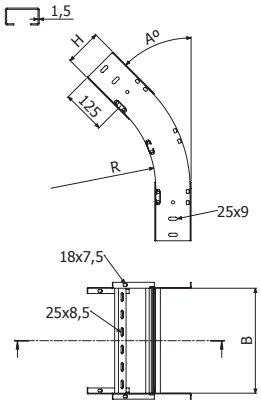
H75-H120



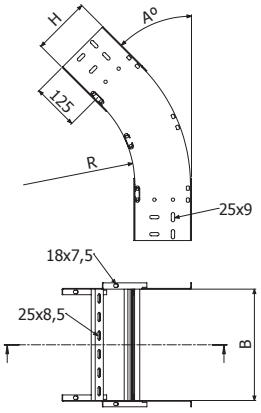
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE60-600 100X75X2	60	600	24"	100	4"	75	3"	2/15811	2,99
CXFE60-600 150X75X2	60	600	24"	150	6"	75	3"	2/15812	3,16
CXFE60-600 200X75X2	60	600	24"	200	8"	75	3"	2/15813	3,33
CXFE60-600 300X75X2	60	600	24"	300	12"	75	3"	2/15814	3,67
CXFE60-600 400X75X2	60	600	24"	400	16"	75	3"	2/15815	4,01
CXFE60-600 500X75X2	60	600	24"	500	20"	75	3"	2/15816	4,35
CXFE60-600 600X75X2	60	600	24"	600	24"	75	3"	2/15817	4,69
CXFE60-600 100X100X2	60	600	24"	100	4"	100	4"	2/15818	3,81
CXFE60-600 150X100X2	60	600	24"	150	6"	100	4"	2/15819	3,98
CXFE60-600 200X100X2	60	600	24"	200	8"	100	4"	2/15820	4,15
CXFE60-600 300X100X2	60	600	24"	300	12"	100	4"	2/15821	4,49
CXFE60-600 400X100X2	60	600	24"	400	16"	100	4"	2/15822	4,83
CXFE60-600 500X100X2	60	600	24"	500	20"	100	4"	2/15823	5,17
CXFE60-600 600X100X2	60	600	24"	600	24"	100	4"	2/15824	5,51
CXFE60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/15825	4,77
CXFE60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/15826	4,98
CXFE60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/15827	5,40
CXFE60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/15828	5,82
CXFE60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/15829	6,24
CXFE60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/15830	6,67
CXFE60-600 150X150X2	60	600	24"	150	6"	150	6"	2/15831	5,95
CXFE60-600 200X150X2	60	600	24"	200	8"	150	6"	2/15832	6,22
CXFE60-600 300X150X2	60	600	24"	300	12"	150	6"	2/15833	6,74
CXFE60-600 400X150X2	60	600	24"	400	16"	150	6"	2/15834	7,27
CXFE60-600 500X150X2	60	600	24"	500	20"	150	6"	2/15835	7,80
CXFE60-600 600X150X2	60	600	24"	600	24"	150	6"	2/15836	8,33

2 x JUFE



H75-H120

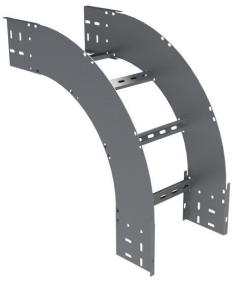


H150

CXFE-600



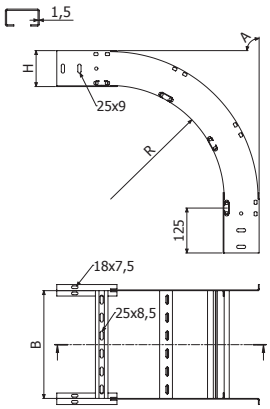
H75-H120



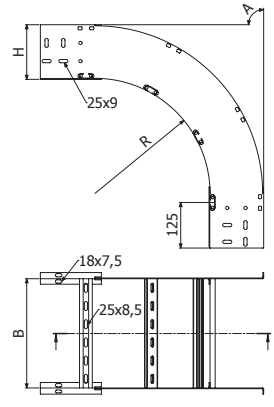
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE-600 100X75X2	90	600	24"	100	4"	75	3"	2/15837	3,96
CXFE-600 150X75X2	90	600	24"	150	6"	75	3"	2/15838	4,22
CXFE-600 200X75X2	90	600	24"	200	8"	75	3"	2/15839	4,47
CXFE-600 300X75X2	90	600	24"	300	12"	75	3"	2/15840	4,98
CXFE-600 400X75X2	90	600	24"	400	16"	75	3"	2/15841	5,49
CXFE-600 500X75X2	90	600	24"	500	20"	75	3"	2/15842	6,01
CXFE-600 600X75X2	90	600	24"	600	24"	75	3"	2/15843	6,52
CXFE-600 100X100X2	90	600	24"	100	4"	100	4"	2/15844	5,06
CXFE-600 150X100X2	90	600	24"	150	6"	100	4"	2/15845	5,32
CXFE-600 200X100X2	90	600	24"	200	8"	100	4"	2/15846	5,58
CXFE-600 300X100X2	90	600	24"	300	12"	100	4"	2/15847	6,09
CXFE-600 400X100X2	90	600	24"	400	16"	100	4"	2/15848	6,60
CXFE-600 500X100X2	90	600	24"	500	20"	100	4"	2/15849	7,11
CXFE-600 600X100X2	90	600	24"	600	24"	100	4"	2/15850	7,62
CXFE-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/15851	6,41
CXFE-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/15852	6,73
CXFE-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/7039	7,36
CXFE-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/15853	7,99
CXFE-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/15854	8,63
CXFE-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/7038	9,26
CXFE-600 150X150X2	90	600	24"	150	6"	150	6"	2/15855	7,81
CXFE-600 200X150X2	90	600	24"	200	8"	150	6"	2/15856	8,12
CXFE-600 300X150X2	90	600	24"	300	12"	150	6"	2/15857	8,76
CXFE-600 400X150X2	90	600	24"	400	16"	150	6"	2/15858	9,39
CXFE-600 500X150X2	90	600	24"	500	20"	150	6"	2/15859	10,02
CXFE-600 600X150X2	90	600	24"	600	24"	150	6"	2/15860	10,66

2 x JUFE



H75-H120

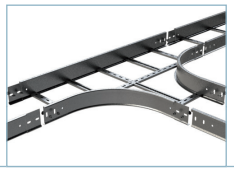


H150

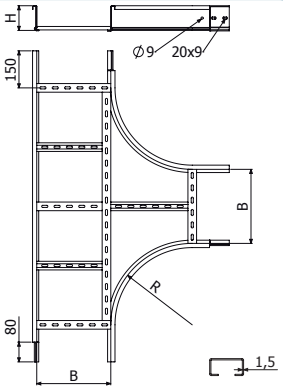
TEFE-300



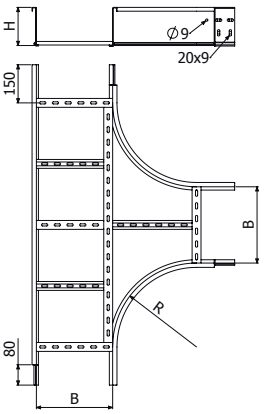
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEFE-300 100X75X2	300	12"	100	4"	75	3"	2/0930	5,41
TEFE-300 150X75X2	300	12"	150	6"	75	3"	2/0931	5,76
TEFE-300 200X75X2	300	12"	200	8"	75	3"	2/0932	6,12
TEFE-300 300X75X2	300	12"	300	12"	75	3"	2/0933	6,84
TEFE-300 400X75X2	300	12"	400	16"	75	3"	2/0934	8,01
TEFE-300 500X75X2	300	12"	500	20"	75	3"	2/0935	8,81
TEFE-300 600X75X2	300	12"	600	24"	75	3"	2/0936	9,62
TEFE-300 100X100X2	300	12"	100	4"	100	4"	2/0937	6,56
TEFE-300 150X100X2	300	12"	150	6"	100	4"	2/0938	6,94
TEFE-300 200X100X2	300	12"	200	8"	100	4"	2/0939	7,32
TEFE-300 300X100X2	300	12"	300	12"	100	4"	2/0940	8,08
TEFE-300 400X100X2	300	12"	400	16"	100	4"	2/0941	9,29
TEFE-300 500X100X2	300	12"	500	20"	100	4"	2/0942	10,14
TEFE-300 600X100X2	300	12"	600	24"	100	4"	2/0943	10,98
TEFE-300 150X120X2	300	12"	150	6"	120	4 5/7"	2/6916	8,20
TEFE-300 200X120X2	300	12"	200	8"	120	4 5/7"	2/6917	8,69
TEFE-300 300X120X2	300	12"	300	12"	120	4 5/7"	2/6918	9,67
TEFE-300 400X120X2	300	12"	400	16"	120	4 5/7"	2/6919	11,24
TEFE-300 500X120X2	300	12"	500	20"	120	4 5/7"	2/6920	12,33
TEFE-300 600X120X2	300	12"	600	24"	120	4 5/7"	2/6921	13,42
TEFE-300 150X150X2	300	12"	150	6"	150	6"	2/6922	9,61
TEFE-300 200X150X2	300	12"	200	8"	150	6"	2/6923	10,13
TEFE-300 300X150X2	300	12"	300	12"	150	6"	2/6924	11,15
TEFE-300 400X150X2	300	12"	400	16"	150	6"	2/6925	12,78
TEFE-300 500X150X2	300	12"	500	20"	150	6"	2/6926	13,92
TEFE-300 600X150X2	300	12"	600	24"	150	6"	2/6927	15,06



4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



TEFE H75/100/120

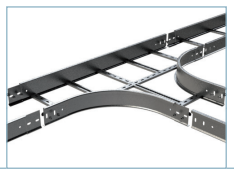


TEFE H150

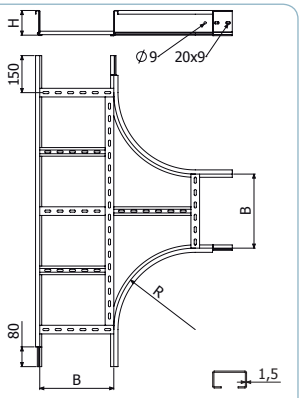
TEFE-600



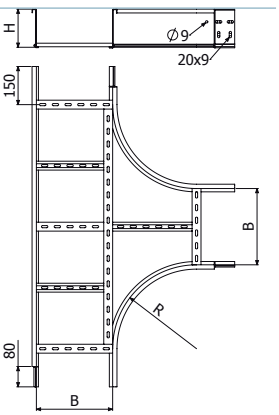
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEFE-600 100X75X2	600	24"	100	4"	75	3"	2/15861	9,45
TEFE-600 150X75X2	600	24"	150	6"	75	3"	2/15862	9,97
TEFE-600 200X75X2	600	24"	200	8"	75	3"	2/15863	10,49
TEFE-600 300X75X2	600	24"	300	12"	75	3"	2/15864	11,52
TEFE-600 400X75X2	600	24"	400	16"	75	3"	2/15865	12,90
TEFE-600 500X75X2	600	24"	500	20"	75	3"	2/15866	14,02
TEFE-600 600X75X2	600	24"	600	24"	75	3"	2/15867	15,65
TEFE-600 100X100X2	600	24"	100	4"	100	4"	2/15868	11,09
TEFE-600 150X100X2	600	24"	150	6"	100	4"	2/15869	11,62
TEFE-600 200X100X2	600	24"	200	8"	100	4"	2/15870	12,16
TEFE-600 300X100X2	600	24"	300	12"	100	4"	2/15871	13,24
TEFE-600 400X100X2	600	24"	400	16"	100	4"	2/15872	14,65
TEFE-600 500X100X2	600	24"	500	20"	100	4"	2/15873	15,81
TEFE-600 600X100X2	600	24"	600	24"	100	4"	2/15874	17,48
TEFE-600 150X120X2	600	24"	150	6"	120	4 5/7"	2/15875	13,53
TEFE-600 200X120X2	600	24"	200	8"	120	4 5/7"	2/15876	14,18
TEFE-600 300X120X2	600	24"	300	12"	120	4 5/7"	2/15877	15,49
TEFE-600 400X120X2	600	24"	400	16"	120	4 5/7"	2/15878	17,23
TEFE-600 500X120X2	600	24"	500	20"	120	4 5/7"	2/15879	18,64
TEFE-600 600X120X2	600	24"	600	24"	120	4 5/7"	2/15880	20,69
TEFE-600 150X150X2	600	24"	150	6"	150	6"	2/15881	15,51
TEFE-600 200X150X2	600	24"	200	8"	150	6"	2/15882	16,19
TEFE-600 300X150X2	600	24"	300	12"	150	6"	2/15883	17,55
TEFE-600 400X150X2	600	24"	400	16"	150	6"	2/15884	19,33
TEFE-600 500X150X2	600	24"	500	20"	150	6"	2/15885	20,80
TEFE-600 600X150X2	600	24"	600	24"	150	6"	2/15886	22,89



4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



TEFE H75/100/120

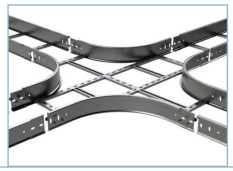


TEFE H150

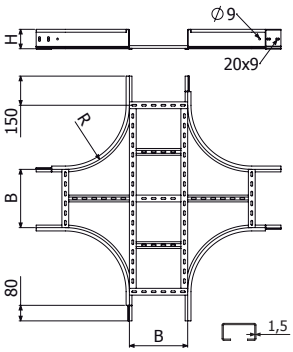
CRFE-300



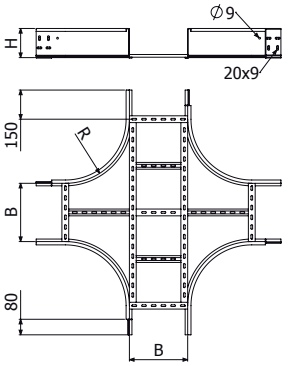
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRFE-300 100X75X2	300	12"	100	4"	75	3"	2/0951	6,54
CRFE-300 150X75X2	300	12"	150	6"	75	3"	2/0952	6,75
CRFE-300 200X75X2	300	12"	200	8"	75	3"	2/0953	7,07
CRFE-300 300X75X2	300	12"	300	12"	75	3"	2/0954	9,90
CRFE-300 400X75X2	300	12"	400	16"	75	3"	2/0955	10,71
CRFE-300 500X75X2	300	12"	500	20"	75	3"	2/0956	11,44
CRFE-300 600X75X2	300	12"	600	24"	75	3"	2/0957	15,01
CRFE-300 100X100X2	300	12"	100	4"	100	4"	2/0958	7,85
CRFE-300 150X100X2	300	12"	150	6"	100	4"	2/0959	8,15
CRFE-300 200X100X2	300	12"	200	8"	100	4"	2/0960	8,47
CRFE-300 300X100X2	300	12"	300	12"	100	4"	2/0961	11,29
CRFE-300 400X100X2	300	12"	400	16"	100	4"	2/0962	12,11
CRFE-300 500X100X2	300	12"	500	20"	100	4"	2/0963	12,84
CRFE-300 600X100X2	300	12"	600	24"	100	4"	2/0964	16,40
CRFE-300 150X120X2	300	12"	150	6"	120	4 5/7"	2/6928	9,62
CRFE-300 200X120X2	300	12"	200	8"	120	4 5/7"	2/6929	10,04
CRFE-300 300X120X2	300	12"	300	12"	120	4 5/7"	2/6930	13,81
CRFE-300 400X120X2	300	12"	400	16"	120	4 5/7"	2/6931	14,90
CRFE-300 500X120X2	300	12"	500	20"	120	4 5/7"	2/6932	15,87
CRFE-300 600X120X2	300	12"	600	24"	120	4 5/7"	2/6933	20,62
CRFE-300 150X150X2	300	12"	150	6"	150	6"	2/6934	11,30
CRFE-300 200X150X2	300	12"	200	8"	150	6"	2/6935	11,72
CRFE-300 300X150X2	300	12"	300	12"	150	6"	2/6936	15,49
CRFE-300 400X150X2	300	12"	400	16"	150	6"	2/6937	16,57
CRFE-300 500X150X2	300	12"	500	20"	150	6"	2/6938	17,55
CRFE-300 600X150X2	300	12"	600	24"	150	6"	2/6939	22,30



4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



CRFE H75/100/120

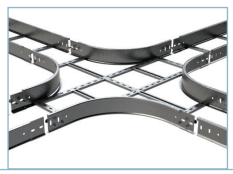


CRFE H150

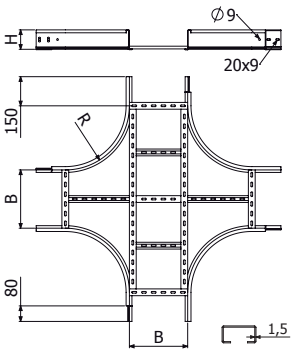
CRFE-600



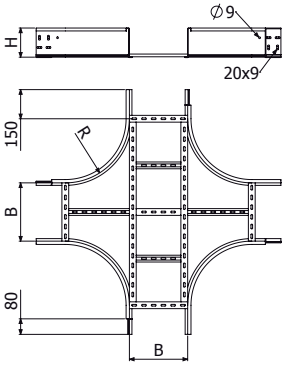
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRFE-600 100X75X2	600	24"	100	4"	75	3"	2/15887	12,47
CRFE-600 150X75X2	600	24"	150	6"	75	3"	2/15888	13,03
CRFE-600 200X75X2	600	24"	200	8"	75	3"	2/15889	13,58
CRFE-600 300X75X2	600	24"	300	12"	75	3"	2/15890	14,69
CRFE-600 400X75X2	600	24"	400	16"	75	3"	2/15891	16,14
CRFE-600 500X75X2	600	24"	500	20"	75	3"	2/15892	17,33
CRFE-600 600X75X2	600	24"	600	24"	75	3"	2/15893	19,03
CRFE-600 100X100X2	600	24"	100	4"	100	4"	2/15894	14,46
CRFE-600 150X100X2	600	24"	150	6"	100	4"	2/15895	15,01
CRFE-600 200X100X2	600	24"	200	8"	100	4"	2/15896	15,57
CRFE-600 300X100X2	600	24"	300	12"	100	4"	2/15897	16,68
CRFE-600 400X100X2	600	24"	400	16"	100	4"	2/15898	18,12
CRFE-600 500X100X2	600	24"	500	20"	100	4"	2/15899	19,32
CRFE-600 600X100X2	600	24"	600	24"	100	4"	2/15900	21,02
CRFE-600 150X120X2	600	24"	150	6"	120	4 5/7"	2/15901	17,55
CRFE-600 200X120X2	600	24"	200	8"	120	4 5/7"	2/15902	18,24
CRFE-600 300X120X2	600	24"	300	12"	120	4 5/7"	2/15903	19,61
CRFE-600 400X120X2	600	24"	400	16"	120	4 5/7"	2/15904	21,41
CRFE-600 500X120X2	600	24"	500	20"	120	4 5/7"	2/15905	22,89
CRFE-600 600X120X2	600	24"	600	24"	120	4 5/7"	2/15906	25,00
CRFE-600 150X150X2	600	24"	150	6"	150	6"	2/15907	19,94
CRFE-600 200X150X2	600	24"	200	8"	150	6"	2/15908	20,63
CRFE-600 300X150X2	600	24"	300	12"	150	6"	2/15909	22,00
CRFE-600 400X150X2	600	24"	400	16"	150	6"	2/15910	23,79
CRFE-600 500X150X2	600	24"	500	20"	150	6"	2/15911	25,27
CRFE-600 600X150X2	600	24"	600	24"	150	6"	2/15912	27,38



4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



CRFE H75/100/120



CRFE H150

CPF2E30-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E30-300 100X100X2	30	300	12"	100	4"	100	4"	2/15920	2,30
CPF2E30-300 150X100X2	30	300	12"	150	6"	100	4"	2/15921	2,50
CPF2E30-300 200X100X2	30	300	12"	200	8"	100	4"	2/15922	2,71
CPF2E30-300 300X100X2	30	300	12"	300	12"	100	4"	2/15923	3,12
CPF2E30-300 400X100X2	30	300	12"	400	16"	100	4"	2/15924	3,54
CPF2E30-300 500X100X2	30	300	12"	500	20"	100	4"	2/15925	3,95
CPF2E30-300 600X100X2	30	300	12"	600	24"	100	4"	2/15926	4,36
CPF2E30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/15927	2,98
CPF2E30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/15928	3,20
CPF2E30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/15929	3,64
CPF2E30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/15930	4,07
CPF2E30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/15931	4,51
CPF2E30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/15932	4,95
CPF2E30-300 150X150X2	30	300	12"	150	6"	150	6"	2/15933	3,46
CPF2E30-300 200X150X2	30	300	12"	200	8"	150	6"	2/15934	3,69
CPF2E30-300 300X150X2	30	300	12"	300	12"	150	6"	2/15935	4,15
CPF2E30-300 400X150X2	30	300	12"	400	16"	150	6"	2/15936	4,61
CPF2E30-300 500X150X2	30	300	12"	500	20"	150	6"	2/15937	5,08
CPF2E30-300 600X150X2	30	300	12"	600	24"	150	6"	2/15938	5,54



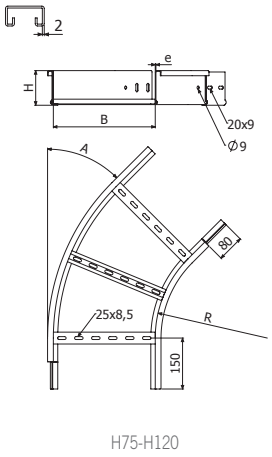
H75-H120



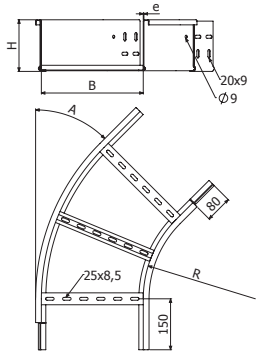
H150



4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

CPF2E45-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E45-300 100X100X2	45	300	12"	100	4"	100	4"	2/15946	2,83
CPF2E45-300 150X100X2	45	300	12"	150	6"	100	4"	2/15947	3,14
CPF2E45-300 200X100X2	45	300	12"	200	8"	100	4"	2/15948	3,45
CPF2E45-300 300X100X2	45	300	12"	300	12"	100	4"	2/15949	4,52
CPF2E45-300 400X100X2	45	300	12"	400	16"	100	4"	2/15950	5,29
CPF2E45-300 500X100X2	45	300	12"	500	20"	100	4"	2/15951	6,06
CPF2E45-300 600X100X2	45	300	12"	600	24"	100	4"	2/15952	6,83
CPF2E45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/15953	3,71
CPF2E45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/15954	4,04
CPF2E45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/15955	5,15
CPF2E45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/15956	5,96
CPF2E45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/15957	6,76
CPF2E45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/15958	7,57
CPF2E45-300 150X150X2	45	300	12"	150	6"	150	6"	2/15959	4,28
CPF2E45-300 200X150X2	45	300	12"	200	8"	150	6"	2/15960	4,63
CPF2E45-300 300X150X2	45	300	12"	300	12"	150	6"	2/15961	5,78
CPF2E45-300 400X150X2	45	300	12"	400	16"	150	6"	2/15962	6,62
CPF2E45-300 500X150X2	45	300	12"	500	20"	150	6"	2/15963	7,47
CPF2E45-300 600X150X2	45	300	12"	600	24"	150	6"	2/15964	8,31



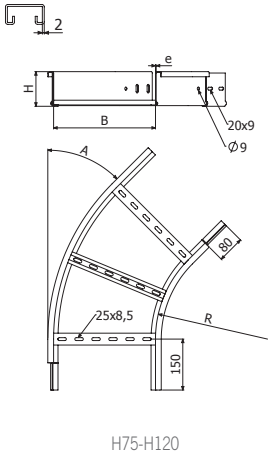
H75-H120



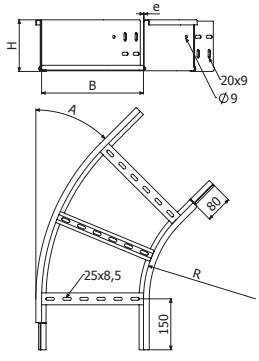
H150



4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

CPF2E60-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E60-300 100X100X2	60	300	12"	100	4"	100	4"	2/15972	3,21
CPF2E60-300 150X100X2	60	300	12"	150	6"	100	4"	2/15973	3,54
CPF2E60-300 200X100X2	60	300	12"	200	8"	100	4"	2/15974	3,88
CPF2E60-300 300X100X2	60	300	12"	300	12"	100	4"	2/15975	5,01
CPF2E60-300 400X100X2	60	300	12"	400	16"	100	4"	2/15976	5,83
CPF2E60-300 500X100X2	60	300	12"	500	20"	100	4"	2/15977	6,66
CPF2E60-300 600X100X2	60	300	12"	600	24"	100	4"	2/15978	7,48
CPF2E60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/15979	4,21
CPF2E60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/15980	4,57
CPF2E60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/15981	5,75
CPF2E60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/15982	6,62
CPF2E60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/15983	7,50
CPF2E60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/15984	8,37
CPF2E60-300 150X150X2	60	300	12"	150	6"	150	6"	2/15985	4,87
CPF2E60-300 200X150X2	60	300	12"	200	8"	150	6"	2/15986	5,26
CPF2E60-300 300X150X2	60	300	12"	300	12"	150	6"	2/15987	6,49
CPF2E60-300 400X150X2	60	300	12"	400	16"	150	6"	2/15988	7,41
CPF2E60-300 500X150X2	60	300	12"	500	20"	150	6"	2/15989	8,34
CPF2E60-300 600X150X2	60	300	12"	600	24"	150	6"	2/15990	9,26



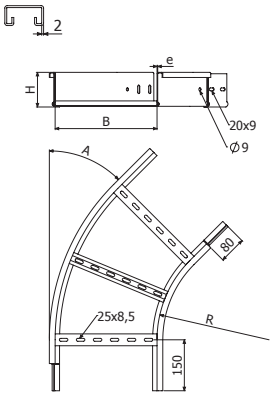
H75-H120



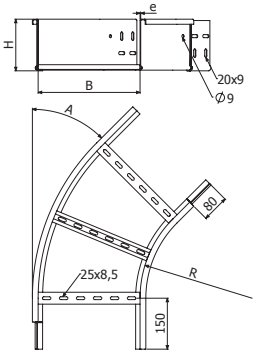
H150



4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



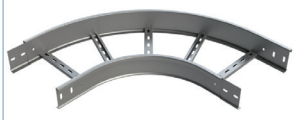
H75-H120



H150

CPF2E-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E-300 100X100X2	90	300	12"	100	4"	100	4"	2/15998	3,96
CPF2E-300 150X100X2	90	300	12"	150	6"	100	4"	2/15999	4,35
CPF2E-300 200X100X2	90	300	12"	200	8"	100	4"	2/16000	4,74
CPF2E-300 300X100X2	90	300	12"	300	12"	100	4"	2/16001	5,98
CPF2E-300 400X100X2	90	300	12"	400	16"	100	4"	2/16002	6,91
CPF2E-300 500X100X2	90	300	12"	500	20"	100	4"	2/16003	7,84
CPF2E-300 600X100X2	90	300	12"	600	24"	100	4"	2/16004	8,78
CPF2E-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/160005	5,21
CPF2E-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/16006	5,64
CPF2E-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/16007	6,95
CPF2E-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/16008	7,95
CPF2E-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/16009	8,96
CPF2E-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/16010	9,97
CPF2E-300 150X150X2	90	300	12"	150	6"	150	6"	2/16011	6,06
CPF2E-300 200X150X2	90	300	12"	200	8"	150	6"	2/16012	6,53
CPF2E-300 300X150X2	90	300	12"	300	12"	150	6"	2/16013	7,91
CPF2E-300 400X150X2	90	300	12"	400	16"	150	6"	2/16014	9,00
CPF2E-300 500X150X2	90	300	12"	500	20"	150	6"	2/16015	10,08
CPF2E-300 600X150X2	90	300	12"	600	24"	150	6"	2/16016	11,16

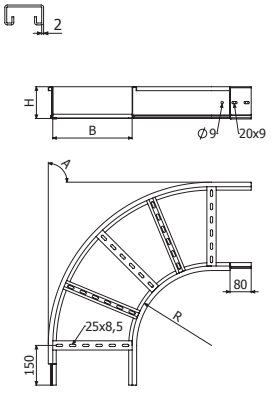


H75-H120

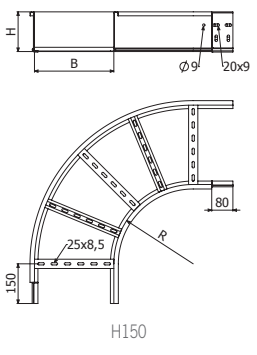


H150

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



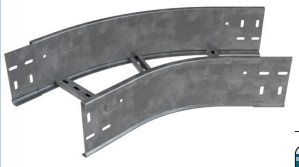
H150

CPF2E30-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E30-600 100X100X2	30	600	24"	100	4"	100	4"	2/16284	3,10
CPF2E30-600 150X100X2	30	600	24"	150	6"	100	4"	2/16285	3,38
CPF2E30-600 200X100X2	30	600	24"	200	8"	100	4"	2/16286	3,66
CPF2E30-600 300X100X2	30	600	24"	300	12"	100	4"	2/16287	4,23
CPF2E30-600 400X100X2	30	600	24"	400	16"	100	4"	2/16288	4,79
CPF2E30-600 500X100X2	30	600	24"	500	20"	100	4"	2/16289	5,36
CPF2E30-600 600X100X2	30	600	24"	600	24"	100	4"	2/16290	5,92
CPF2E30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/16291	4,01
CPF2E30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/16292	4,30
CPF2E30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/16293	4,89
CPF2E30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/16294	5,48
CPF2E30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/16295	6,07
CPF2E30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/16296	6,66
CPF2E30-600 150X150X2	30	600	24"	150	6"	150	6"	2/16297	4,64
CPF2E30-600 200X150X2	30	600	24"	200	8"	150	6"	2/16298	4,94
CPF2E30-600 300X150X2	30	600	24"	300	12"	150	6"	2/16299	5,56
CPF2E30-600 400X150X2	30	600	24"	400	16"	150	6"	2/16300	6,17
CPF2E30-600 500X150X2	30	600	24"	500	20"	150	6"	2/16301	6,79
CPF2E30-600 600X150X2	30	600	24"	600	24"	150	6"	2/16302	7,40

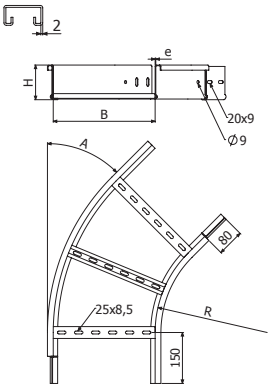


H75-H120

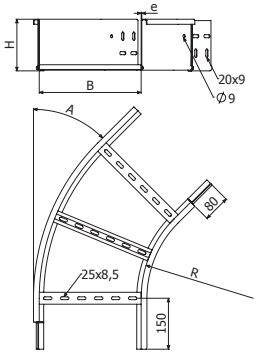


H150





H75-H120



H150

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)

CPF2E45-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E45-600 100X100X2	45	600	24"	100	4"	100	4"	2/16310	3,80
CPF2E45-600 150X100X2	45	600	24"	150	6"	100	4"	2/16311	4,11
CPF2E45-600 200X100X2	45	600	24"	200	8"	100	4"	2/16312	4,42
CPF2E45-600 300X100X2	45	600	24"	300	12"	100	4"	2/16313	5,04
CPF2E45-600 400X100X2	45	600	24"	400	16"	100	4"	2/16314	5,66
CPF2E45-600 500X100X2	45	600	24"	500	20"	100	4"	2/16315	7,03
CPF2E45-600 600X100X2	45	600	24"	600	24"	100	4"	2/16316	7,80
CPF2E45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/16317	4,91
CPF2E45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/16318	5,24
CPF2E45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/16319	5,89
CPF2E45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/16320	6,55
CPF2E45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/16321	7,96
CPF2E45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/16322	8,77
CPF2E45-600 150X150X2	45	600	24"	150	6"	150	6"	2/16323	5,70
CPF2E45-600 200X150X2	45	600	24"	200	8"	150	6"	2/16324	6,05
CPF2E45-600 300X150X2	45	600	24"	300	12"	150	6"	2/16325	6,74
CPF2E45-600 400X150X2	45	600	24"	400	16"	150	6"	2/16326	7,44
CPF2E45-600 500X150X2	45	600	24"	500	20"	150	6"	2/16327	8,89
CPF2E45-600 600X150X2	45	600	24"	600	24"	150	6"	2/16328	9,74

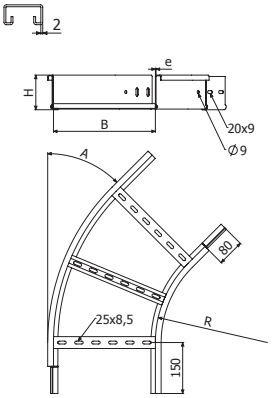


H75-H120

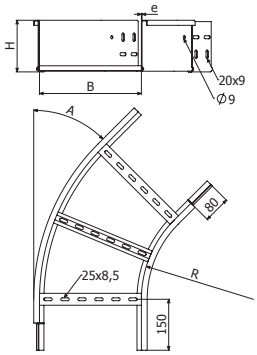


H150

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

CPF2E60-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E60-600 100X100X2	60	600	24"	100	4"	100	4"	2/16336	4,66
CPF2E60-600 150X100X2	60	600	24"	150	6"	100	4"	2/16337	5,07
CPF2E60-600 200X100X2	60	600	24"	200	8"	100	4"	2/16338	5,48
CPF2E60-600 300X100X2	60	600	24"	300	12"	100	4"	2/16339	6,30
CPF2E60-600 400X100X2	60	600	24"	400	16"	100	4"	2/16340	7,13
CPF2E60-600 500X100X2	60	600	24"	500	20"	100	4"	2/16341	7,95
CPF2E60-600 600X100X2	60	600	24"	600	24"	100	4"	2/16342	8,78
CPF2E60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/16343	6,03
CPF2E60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/16344	6,47
CPF2E60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/16345	7,35
CPF2E60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/16346	8,22
CPF2E60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/16347	9,10
CPF2E60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/16348	9,97
CPF2E60-600 150X150X2	60	600	24"	150	6"	150	6"	2/16349	7,00
CPF2E60-600 200X150X2	60	600	24"	200	8"	150	6"	2/16350	7,46
CPF2E60-600 300X150X2	60	600	24"	300	12"	150	6"	2/16351	8,39
CPF2E60-600 400X150X2	60	600	24"	400	16"	150	6"	2/16352	9,31
CPF2E60-600 500X150X2	60	600	24"	500	20"	150	6"	2/16353	10,24
CPF2E60-600 600X150X2	60	600	24"	600	24"	150	6"	2/16354	11,16



H75-H120

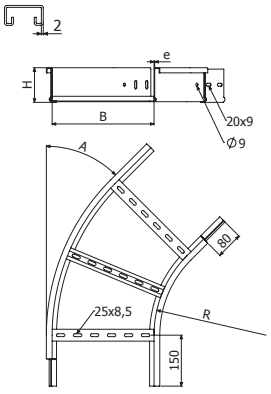


H150

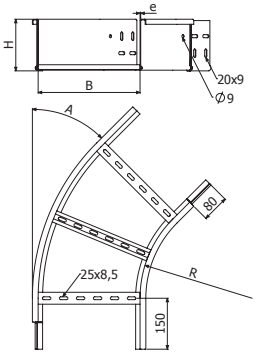


4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)





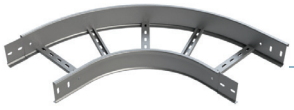
H75-H120



H150

CPF2E-600

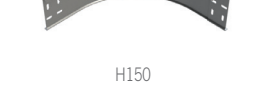
	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E-600 100X100X2	90	600	24"	100	4"	100	4"	2/16362	6,21
CPF2E-600 150X100X2	90	600	24"	150	6"	100	4"	2/16363	6,76
CPF2E-600 200X100X2	90	600	24"	200	8"	100	4"	2/16364	7,30
CPF2E-600 300X100X2	90	600	24"	300	12"	100	4"	2/16365	8,38
CPF2E-600 400X100X2	90	600	24"	400	16"	100	4"	2/16366	9,47
CPF2E-600 500X100X2	90	600	24"	500	20"	100	4"	2/16367	11,31
CPF2E-600 600X100X2	90	600	24"	600	24"	100	4"	2/16368	12,55
CPF2E-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/16369	8,06
CPF2E-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/16370	8,64
CPF2E-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/16371	9,80
CPF2E-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/16372	10,96
CPF2E-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/16373	12,88
CPF2E-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/16374	14,19
CPF2E-600 150X150X2	90	600	24"	150	6"	150	6"	2/16375	9,37
CPF2E-600 200X150X2	90	600	24"	200	8"	150	6"	2/16376	9,98
CPF2E-600 300X150X2	90	600	24"	300	12"	150	6"	2/16377	11,22
CPF2E-600 400X150X2	90	600	24"	400	16"	150	6"	2/16378	12,45
CPF2E-600 500X150X2	90	600	24"	500	20"	150	6"	2/16379	14,45
CPF2E-600 600X150X2	90	600	24"	600	24"	150	6"	2/16380	15,84



H75-H120

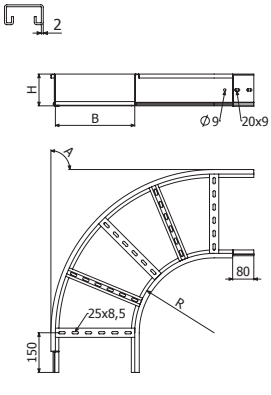


H150

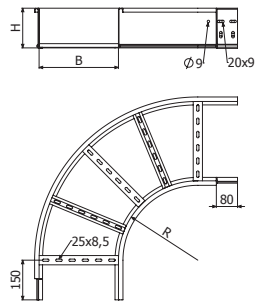


4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)





H75-H120



H150

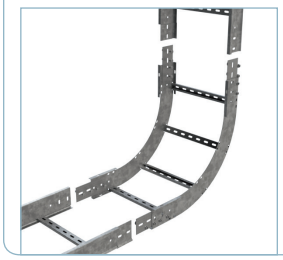
CCF2E30-300



H75-H120

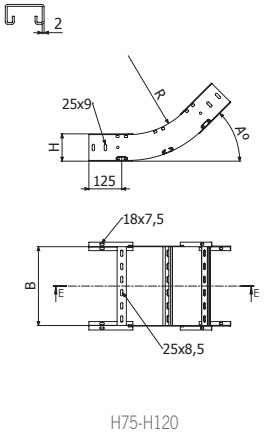


H150

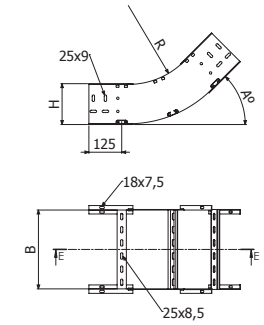


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E30-300 100X100X2	30	300	12"	100	4"	100	4"	2/16024	2,18
CCF2E30-300 150X100X2	30	300	12"	150	6"	100	4"	2/16025	2,33
CCF2E30-300 200X100X2	30	300	12"	200	8"	100	4"	2/16026	2,48
CCF2E30-300 300X100X2	30	300	12"	300	12"	100	4"	2/16027	2,78
CCF2E30-300 400X100X2	30	300	12"	400	16"	100	4"	2/16028	3,09
CCF2E30-300 500X100X2	30	300	12"	500	20"	100	4"	2/16029	3,39
CCF2E30-300 600X100X2	30	300	12"	600	24"	100	4"	2/16030	3,70
CCF2E30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/16031	2,66
CCF2E30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/16032	2,81
CCF2E30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/16033	3,11
CCF2E30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/16034	3,42
CCF2E30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/16035	3,72
CCF2E30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/16036	4,03
CCF2E30-300 150X150X2	30	300	12"	150	6"	150	6"	2/16037	3,16
CCF2E30-300 200X150X2	30	300	12"	200	8"	150	6"	2/16038	3,32
CCF2E30-300 300X150X2	30	300	12"	300	12"	150	6"	2/16039	3,62
CCF2E30-300 400X150X2	30	300	12"	400	16"	150	6"	2/16040	3,92
CCF2E30-300 500X150X2	30	300	12"	500	20"	150	6"	2/16041	4,23
CCF2E30-300 600X150X2	30	300	12"	600	24"	150	6"	2/16042	4,53

2 x JUFE



H75-H120



H150

CCF2E45-300



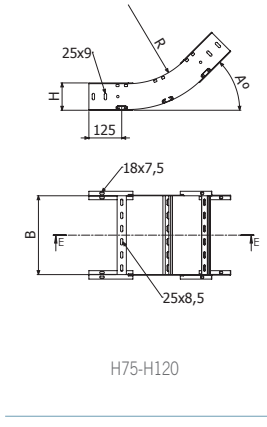
H75-H120



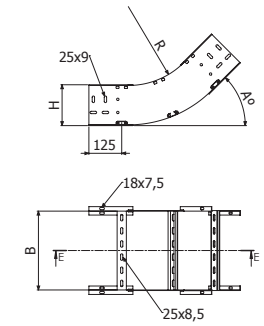
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E45-300 100X100X2	45	300	12"	100	4"	100	4"	2/16050	2,62
CCF2E45-300 150X100X2	45	300	12"	150	6"	100	4"	2/16051	2,85
CCF2E45-300 200X100X2	45	300	12"	200	8"	100	4"	2/16052	3,08
CCF2E45-300 300X100X2	45	300	12"	300	12"	100	4"	2/16053	3,53
CCF2E45-300 400X100X2	45	300	12"	400	16"	100	4"	2/16054	3,99
CCF2E45-300 500X100X2	45	300	12"	500	20"	100	4"	2/16055	4,45
CCF2E45-300 600X100X2	45	300	12"	600	24"	100	4"	2/16056	4,90
CCF2E45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/16057	3,25
CCF2E45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/16058	3,48
CCF2E45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/16059	3,93
CCF2E45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/16060	4,39
CCF2E45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/16061	4,84
CCF2E45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/16062	5,30
CCF2E45-300 150X150X2	45	300	12"	150	6"	150	6"	2/16063	3,86
CCF2E45-300 200X150X2	45	300	12"	200	8"	150	6"	2/16064	4,09
CCF2E45-300 300X150X2	45	300	12"	300	12"	150	6"	2/16065	4,55
CCF2E45-300 400X150X2	45	300	12"	400	16"	150	6"	2/16066	5,00
CCF2E45-300 500X150X2	45	300	12"	500	20"	150	6"	2/16067	5,46
CCF2E45-300 600X150X2	45	300	12"	600	24"	150	6"	2/16068	5,92

2 x JUFE



H75-H120



H150

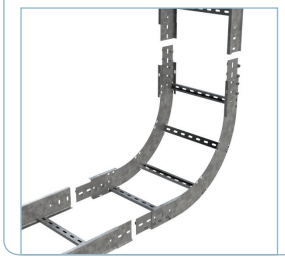
CCF2E60-300



H75-H120

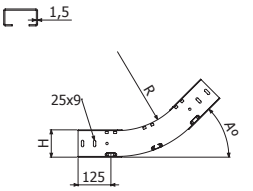


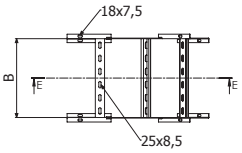
H150



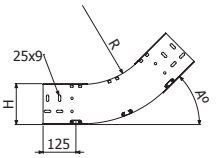
	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E60-300 100X100X2	60	300	12"	100	4"	100	4"	2/16076	2,92
CCF2E60-300 150X100X2	60	300	12"	150	6"	100	4"	2/16077	3,14
CCF2E60-300 200X100X2	60	300	12"	200	8"	100	4"	2/16078	3,37
CCF2E60-300 300X100X2	60	300	12"	300	12"	100	4"	2/16079	3,83
CCF2E60-300 400X100X2	60	300	12"	400	16"	100	4"	2/16080	4,28
CCF2E60-300 500X100X2	60	300	12"	500	20"	100	4"	2/16081	4,74
CCF2E60-300 600X100X2	60	300	12"	600	24"	100	4"	2/16082	5,20
CCF2E60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/16083	3,61
CCF2E60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/16084	3,84
CCF2E60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/16085	4,29
CCF2E60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/16086	4,75
CCF2E60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/16087	5,21
CCF2E60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/16088	5,66
CCF2E60-300 150X150X2	60	300	12"	150	6"	150	6"	2/16089	4,34
CCF2E60-300 200X150X2	60	300	12"	200	8"	150	6"	2/16090	4,56
CCF2E60-300 300X150X2	60	300	12"	300	12"	150	6"	2/16091	5,02
CCF2E60-300 400X150X2	60	300	12"	400	16"	150	6"	2/16092	5,48
CCF2E60-300 500X150X2	60	300	12"	500	20"	150	6"	2/16093	5,93
CCF2E60-300 600X150X2	60	300	12"	600	24"	150	6"	2/16094	6,39

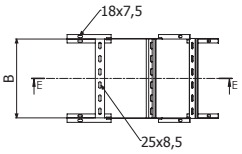
2 x JUFE





H75-H120



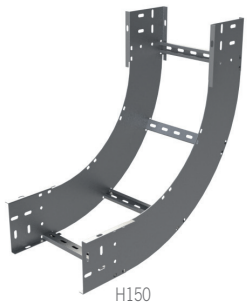


H150

CCF2E-300



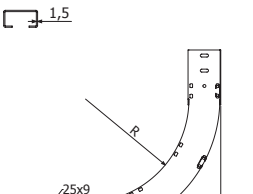
H75-H120

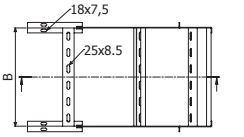


H150

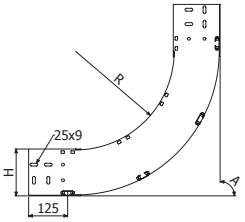
	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E-300 100X100X2	90	300	12"	100	4"	100	4"	2/16102	3,65
CCF2E-300 150X100X2	90	300	12"	150	6"	100	4"	2/16103	3,96
CCF2E-300 200X100X2	90	300	12"	200	8"	100	4"	2/16104	4,26
CCF2E-300 300X100X2	90	300	12"	300	12"	100	4"	2/16105	4,87
CCF2E-300 400X100X2	90	300	12"	400	16"	100	4"	2/16106	5,48
CCF2E-300 500X100X2	90	300	12"	500	20"	100	4"	2/16107	6,09
CCF2E-300 600X100X2	90	300	12"	600	24"	100	4"	2/16108	6,69
CCF2E-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/16109	4,56
CCF2E-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/16110	4,87
CCF2E-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/16111	5,47
CCF2E-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/16112	6,08
CCF2E-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/16113	6,69
CCF2E-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/16114	7,30
CCF2E-300 150X150X2	90	300	12"	150	6"	150	6"	2/16115	5,51
CCF2E-300 200X150X2	90	300	12"	200	8"	150	6"	2/16116	5,81
CCF2E-300 300X150X2	90	300	12"	300	12"	150	6"	2/16117	6,42
CCF2E-300 400X150X2	90	300	12"	400	16"	150	6"	2/16118	7,03
CCF2E-300 500X150X2	90	300	12"	500	20"	150	6"	2/16119	7,63
CCF2E-300 600X150X2	90	300	12"	600	24"	150	6"	2/16120	8,24

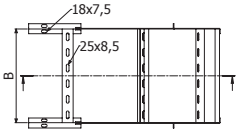
2 x JUFE





H75-H120





H150

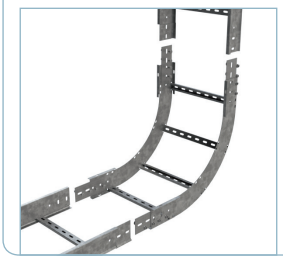
CCF2E30-600



H75-H120

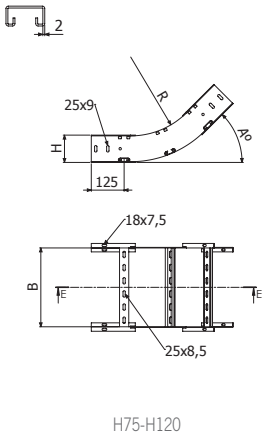


H150

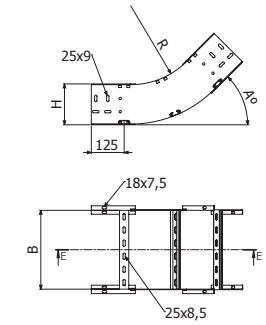


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E30-600 100X100X2	30	600	24"	100	4"	100	4"	2/16388	2,83
CCF2E30-600 150X100X2	30	600	24"	150	6"	100	4"	2/16389	3,06
CCF2E30-600 200X100X2	30	600	24"	200	8"	100	4"	2/16390	3,29
CCF2E30-600 300X100X2	30	600	24"	300	12"	100	4"	2/16391	3,74
CCF2E30-600 400X100X2	30	600	24"	400	16"	100	4"	2/16392	4,20
CCF2E30-600 500X100X2	30	600	24"	500	20"	100	4"	2/16393	4,66
CCF2E30-600 600X100X2	30	600	24"	600	24"	100	4"	2/16394	5,11
CCF2E30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/16395	3,49
CCF2E30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/16396	3,72
CCF2E30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/16397	4,17
CCF2E30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/16398	4,63
CCF2E30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/16399	5,09
CCF2E30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/16400	5,54
CCF2E30-600 150X150X2	30	600	24"	150	6"	150	6"	2/16401	4,15
CCF2E30-600 200X150X2	30	600	24"	200	8"	150	6"	2/16402	4,37
CCF2E30-600 300X150X2	30	600	24"	300	12"	150	6"	2/16403	4,83
CCF2E30-600 400X150X2	30	600	24"	400	16"	150	6"	2/16404	5,29
CCF2E30-600 500X150X2	30	600	24"	500	20"	150	6"	2/16405	5,74
CCF2E30-600 600X150X2	30	600	24"	600	24"	150	6"	2/16406	6,20

2 x JUFE



H75-H120



H150

CCF2E45-600



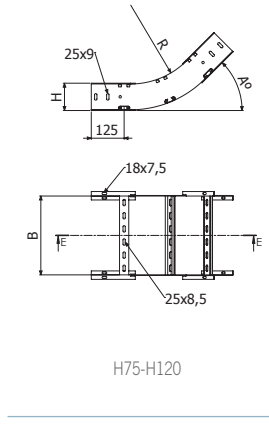
H75-H120



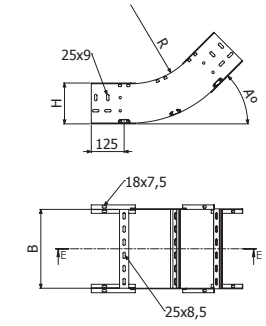
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E45-600 100X100X2	45	600	24"	100	4"	100	4"	2/16414	3,53
CCF2E45-600 150X100X2	45	600	24"	150	6"	100	4"	2/16415	3,83
CCF2E45-600 200X100X2	45	600	24"	200	8"	100	4"	2/16416	4,14
CCF2E45-600 300X100X2	45	600	24"	300	12"	100	4"	2/16417	4,74
CCF2E45-600 400X100X2	45	600	24"	400	16"	100	4"	2/16418	5,35
CCF2E45-600 500X100X2	45	600	24"	500	20"	100	4"	2/16419	5,96
CCF2E45-600 600X100X2	45	600	24"	600	24"	100	4"	2/16420	6,57
CCF2E45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/16421	4,38
CCF2E45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/16422	4,68
CCF2E45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/16423	5,29
CCF2E45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/16424	5,90
CCF2E45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/16425	6,51
CCF2E45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/16426	7,12
CCF2E45-600 150X150X2	45	600	24"	150	6"	150	6"	2/16427	5,22
CCF2E45-600 200X150X2	45	600	24"	200	8"	150	6"	2/16428	5,53
CCF2E45-600 300X150X2	45	600	24"	300	12"	150	6"	2/16429	6,14
CCF2E45-600 400X150X2	45	600	24"	400	16"	150	6"	2/16430	6,74
CCF2E45-600 500X150X2	45	600	24"	500	20"	150	6"	2/16431	7,35
CCF2E45-600 600X150X2	45	600	24"	600	24"	150	6"	2/16432	7,96

2 x JUFE



H75-H120



H150

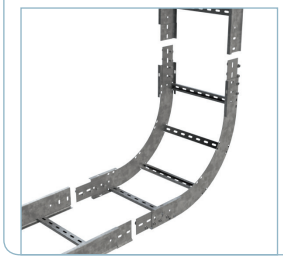
CCF2E60-600



H75-H120

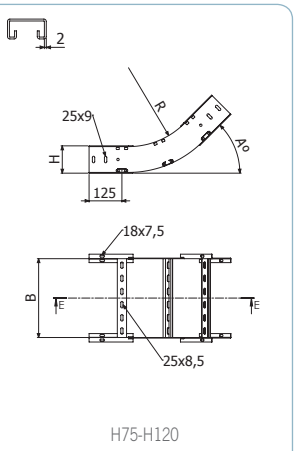


H150

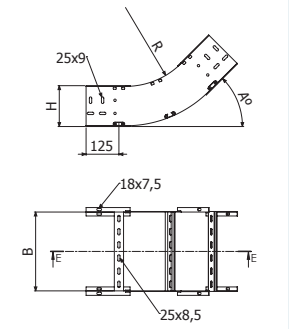


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E60-600 100X100X2	60	600	24"	100	4"	100	4"	2/16440	4,07
CCF2E60-600 150X100X2	60	600	24"	150	6"	100	4"	2/16441	4,38
CCF2E60-600 200X100X2	60	600	24"	200	8"	100	4"	2/16442	4,68
CCF2E60-600 300X100X2	60	600	24"	300	12"	100	4"	2/16443	5,29
CCF2E60-600 400X100X2	60	600	24"	400	16"	100	4"	2/16444	5,90
CCF2E60-600 500X100X2	60	600	24"	500	20"	100	4"	2/16445	6,50
CCF2E60-600 600X100X2	60	600	24"	600	24"	100	4"	2/16446	7,11
CCF2E60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/16447	5,04
CCF2E60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/16448	5,35
CCF2E60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/16449	5,96
CCF2E60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/16450	6,56
CCF2E60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/16451	7,17
CCF2E60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/16452	7,78
CCF2E60-600 150X150X2	60	600	24"	150	6"	150	6"	2/16453	6,30
CCF2E60-600 200X150X2	60	600	24"	200	8"	150	6"	2/16454	6,68
CCF2E60-600 300X150X2	60	600	24"	300	12"	150	6"	2/16455	7,44
CCF2E60-600 400X150X2	60	600	24"	400	16"	150	6"	2/16456	8,20
CCF2E60-600 500X150X2	60	600	24"	500	20"	150	6"	2/16457	8,96
CCF2E60-600 600X150X2	60	600	24"	600	24"	150	6"	2/16458	9,72

2 x JUFE



H75-H120



H150

CCF2E-600



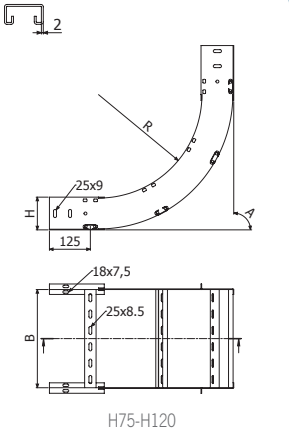
H75-H120



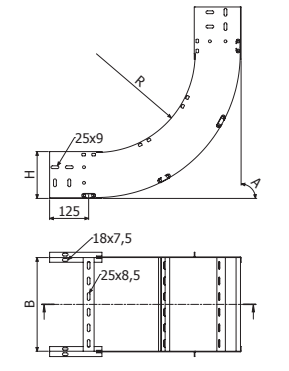
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E-600 100X100X2	90	600	24"	100	4"	100	4"	2/16466	5,47
CCF2E-600 150X100X2	90	600	24"	150	6"	100	4"	2/16467	5,92
CCF2E-600 200X100X2	90	600	24"	200	8"	100	4"	2/16468	6,38
CCF2E-600 300X100X2	90	600	24"	300	12"	100	4"	2/16469	7,29
CCF2E-600 400X100X2	90	600	24"	400	16"	100	4"	2/16470	8,20
CCF2E-600 500X100X2	90	600	24"	500	20"	100	4"	2/16471	9,11
CCF2E-600 600X100X2	90	600	24"	600	24"	100	4"	2/16472	10,03
CCF2E-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/16473	6,83
CCF2E-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/16474	7,28
CCF2E-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/16475	8,20
CCF2E-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/16476	9,11
CCF2E-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/16477	10,02
CCF2E-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/16478	10,93
CCF2E-600 150X150X2	90	600	24"	150	6"	150	6"	2/16479	8,22
CCF2E-600 200X150X2	90	600	24"	200	8"	150	6"	2/16480	8,68
CCF2E-600 300X150X2	90	600	24"	300	12"	150	6"	2/16481	9,59
CCF2E-600 400X150X2	90	600	24"	400	16"	150	6"	2/16482	10,50
CCF2E-600 500X150X2	90	600	24"	500	20"	150	6"	2/16483	11,42
CCF2E-600 600X150X2	90	600	24"	600	24"	150	6"	2/16484	12,33

2 x JUFE



H75-H120



H150

CXF2E30-300



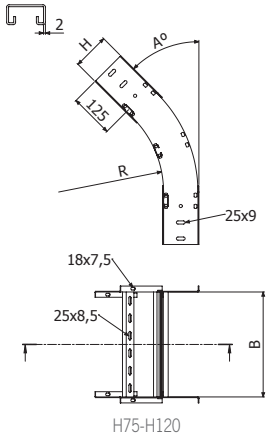
H75-H120



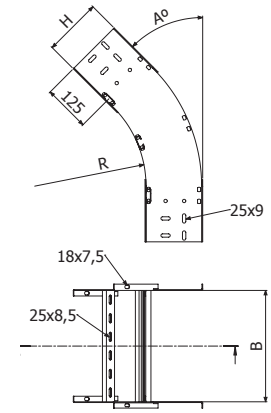
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E30-300 100X100X2	30	300	12"	100	4"	100	4"	2/16128	2,18
CXF2E30-300 150X100X2	30	300	12"	150	6"	100	4"	2/16129	2,33
CXF2E30-300 200X100X2	30	300	12"	200	8"	100	4"	2/16130	2,48
CXF2E30-300 300X100X2	30	300	12"	300	12"	100	4"	2/16131	2,78
CXF2E30-300 400X100X2	30	300	12"	400	16"	100	4"	2/16132	3,09
CXF2E30-300 500X100X2	30	300	12"	500	20"	100	4"	2/16133	3,39
CXF2E30-300 600X100X2	30	300	12"	600	24"	100	4"	2/16134	3,70
CXF2E30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/16135	2,66
CXF2E30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/16136	2,81
CXF2E30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/16137	3,11
CXF2E30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/16138	3,42
CXF2E30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/16139	3,72
CXF2E30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/16140	4,03
CXF2E30-300 150X150X2	30	300	12"	150	6"	150	6"	2/16141	3,16
CXF2E30-300 200X150X2	30	300	12"	200	8"	150	6"	2/16142	3,32
CXF2E30-300 300X150X2	30	300	12"	300	12"	150	6"	2/16143	3,62
CXF2E30-300 400X150X2	30	300	12"	400	16"	150	6"	2/16144	3,92
CXF2E30-300 500X150X2	30	300	12"	500	20"	150	6"	2/16145	4,23
CXF2E30-300 600X150X2	30	300	12"	600	24"	150	6"	2/16146	4,53

2 x JUFE



H75-H120



H150

CXF2E45-300



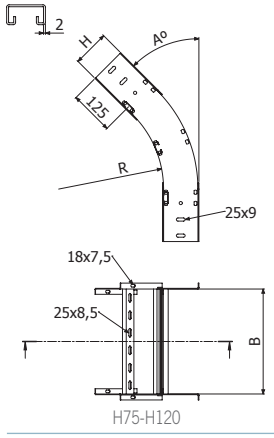
H75-H120



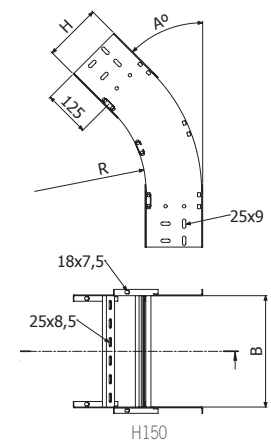
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E45-300 100X100X2	45	300	12"	100	4"	100	4"	2/16154	2,47
CXF2E45-300 150X100X2	45	300	12"	150	6"	100	4"	2/16155	2,62
CXF2E45-300 200X100X2	45	300	12"	200	8"	100	4"	2/16156	2,77
CXF2E45-300 300X100X2	45	300	12"	300	12"	100	4"	2/16157	3,08
CXF2E45-300 400X100X2	45	300	12"	400	16"	100	4"	2/16158	3,38
CXF2E45-300 500X100X2	45	300	12"	500	20"	100	4"	2/16159	3,69
CXF2E45-300 600X100X2	45	300	12"	600	24"	100	4"	2/16160	3,99
CXF2E45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/16161	3,02
CXF2E45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/16162	3,17
CXF2E45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/16163	3,48
CXF2E45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/16164	3,78
CXF2E45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/16165	4,08
CXF2E45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/16166	4,39
CXF2E45-300 150X150X2	45	300	12"	150	6"	150	6"	2/16167	3,64
CXF2E45-300 200X150X2	45	300	12"	200	8"	150	6"	2/16168	3,79
CXF2E45-300 300X150X2	45	300	12"	300	12"	150	6"	2/16169	4,09
CXF2E45-300 400X150X2	45	300	12"	400	16"	150	6"	2/16170	4,40
CXF2E45-300 500X150X2	45	300	12"	500	20"	150	6"	2/16171	4,70
CXF2E45-300 600X150X2	45	300	12"	600	24"	150	6"	2/16172	5,00

2 x JUFE



H75-H120



H150

CXF2E60-300



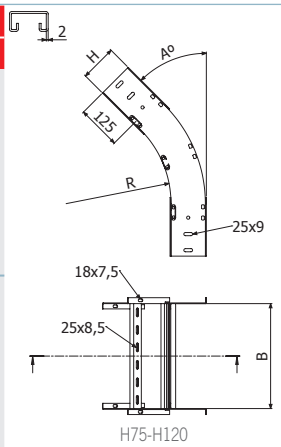
H75-H120



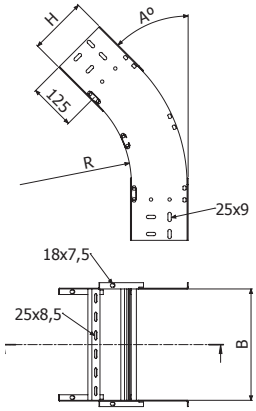
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E60-300 100X100X2	60	300	12"	100	4"	100	4"	2/16180	2,92
CXF2E60-300 150X100X2	60	300	12"	150	6"	100	4"	2/16181	3,14
CXF2E60-300 200X100X2	60	300	12"	200	8"	100	4"	2/16182	3,37
CXF2E60-300 300X100X2	60	300	12"	300	12"	100	4"	2/16183	3,83
CXF2E60-300 400X100X2	60	300	12"	400	16"	100	4"	2/16184	4,28
CXF2E60-300 500X100X2	60	300	12"	500	20"	100	4"	2/16185	4,74
CXF2E60-300 600X100X2	60	300	12"	600	24"	100	4"	2/16186	5,20
CXF2E60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/16187	3,61
CXF2E60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/16188	3,84
CXF2E60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/16189	4,29
CXF2E60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/16190	4,75
CXF2E60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/16191	5,21
CXF2E60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/16192	5,66
CXF2E60-300 150X150X2	60	300	12"	150	6"	150	6"	2/16193	4,34
CXF2E60-300 200X150X2	60	300	12"	200	8"	150	6"	2/16194	4,56
CXF2E60-300 300X150X2	60	300	12"	300	12"	150	6"	2/16195	5,02
CXF2E60-300 400X150X2	60	300	12"	400	16"	150	6"	2/16196	5,48
CXF2E60-300 500X150X2	60	300	12"	500	20"	150	6"	2/16197	5,93
CXF2E60-300 600X150X2	60	300	12"	600	24"	150	6"	2/16198	6,39

2 x JUFE



H75-H120

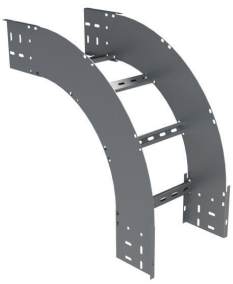


H150

CXF2E-300



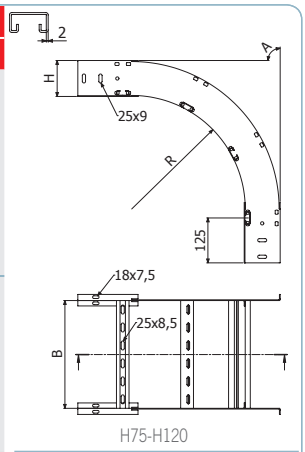
H75-H120



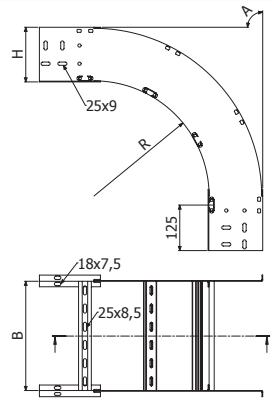
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E-300 100X100X2	90	300	12"	100	4"	100	4"	2/16206	3,50
CXF2E-300 150X100X2	90	300	12"	150	6"	100	4"	2/16207	3,73
CXF2E-300 200X100X2	90	300	12"	200	8"	100	4"	2/16208	3,96
CXF2E-300 300X100X2	90	300	12"	300	12"	100	4"	2/16209	4,41
CXF2E-300 400X100X2	90	300	12"	400	16"	100	4"	2/16210	4,87
CXF2E-300 500X100X2	90	300	12"	500	20"	100	4"	2/16211	5,33
CXF2E-300 600X100X2	90	300	12"	600	24"	100	4"	2/16212	5,78
CXF2E-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/16213	4,33
CXF2E-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/16214	4,56
CXF2E-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/16215	5,02
CXF2E-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/16216	5,47
CXF2E-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/16217	5,93
CXF2E-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/16218	6,39
CXF2E-300 150X150X2	90	300	12"	150	6"	150	6"	2/16219	5,28
CXF2E-300 200X150X2	90	300	12"	200	8"	150	6"	2/16220	5,51
CXF2E-300 300X150X2	90	300	12"	300	12"	150	6"	2/16221	5,96
CXF2E-300 400X150X2	90	300	12"	400	16"	150	6"	2/16222	6,42
CXF2E-300 500X150X2	90	300	12"	500	20"	150	6"	2/16223	6,87
CXF2E-300 600X150X2	90	300	12"	600	24"	150	6"	2/16224	7,33

2 x JUFE



H75-H120



H150

CXF2E30-600



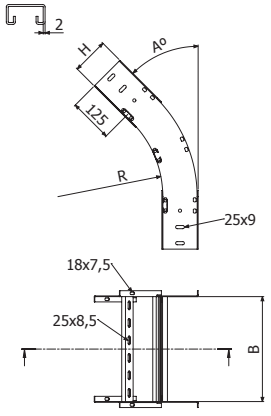
H75-H120



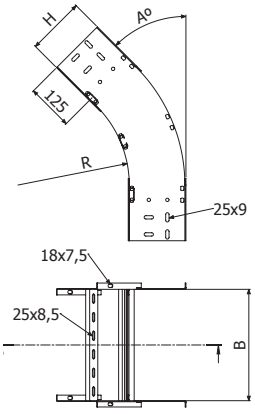
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E30-600 100X100X2	30	600	24"	100	4"	100	4"	2/16492	2,83
CXF2E30-600 150X100X2	30	600	24"	150	6"	100	4"	2/16493	3,06
CXF2E30-600 200X100X2	30	600	24"	200	8"	100	4"	2/16494	3,29
CXF2E30-600 300X100X2	30	600	24"	300	12"	100	4"	2/16495	3,74
CXF2E30-600 400X100X2	30	600	24"	400	16"	100	4"	2/16496	4,20
CXF2E30-600 500X100X2	30	600	24"	500	20"	100	4"	2/16497	4,66
CXF2E30-600 600X100X2	30	600	24"	600	24"	100	4"	2/16498	5,11
CXF2E30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/16499	3,49
CXF2E30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/16500	3,72
CXF2E30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/16501	4,17
CXF2E30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/16502	4,63
CXF2E30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/16503	5,09
CXF2E30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/16504	5,54
CXF2E30-600 150X150X2	30	600	24"	150	6"	150	6"	2/16505	4,15
CXF2E30-600 200X150X2	30	600	24"	200	8"	150	6"	2/16506	4,37
CXF2E30-600 300X150X2	30	600	24"	300	12"	150	6"	2/16507	4,83
CXF2E30-600 400X150X2	30	600	24"	400	16"	150	6"	2/16508	5,29
CXF2E30-600 500X150X2	30	600	24"	500	20"	150	6"	2/16509	5,74
CXF2E30-600 600X150X2	30	600	24"	600	24"	150	6"	2/16510	6,20

2 x JUFE



H75-H120



H150

CXF2E45-600



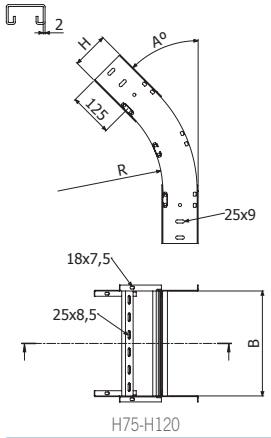
H75-H120



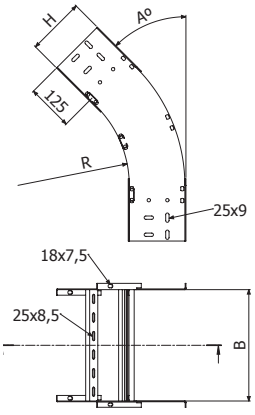
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E45-600 100X100X2	45	600	24"	100	4"	100	4"	2/16518	3,38
CXF2E45-600 150X100X2	45	600	24"	150	6"	100	4"	2/16519	3,60
CXF2E45-600 200X100X2	45	600	24"	200	8"	100	4"	2/16520	3,83
CXF2E45-600 300X100X2	45	600	24"	300	12"	100	4"	2/16521	4,29
CXF2E45-600 400X100X2	45	600	24"	400	16"	100	4"	2/16522	4,74
CXF2E45-600 500X100X2	45	600	24"	500	20"	100	4"	2/16523	5,20
CXF2E45-600 600X100X2	45	600	24"	600	24"	100	4"	2/16524	5,66
CXF2E45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/16525	4,15
CXF2E45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/16526	4,38
CXF2E45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/16527	4,84
CXF2E45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/16528	5,29
CXF2E45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/16529	5,75
CXF2E45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/16530	6,20
CXF2E45-600 150X150X2	45	600	24"	150	6"	150	6"	2/16531	5,00
CXF2E45-600 200X150X2	45	600	24"	200	8"	150	6"	2/16532	5,22
CXF2E45-600 300X150X2	45	600	24"	300	12"	150	6"	2/16533	5,68
CXF2E45-600 400X150X2	45	600	24"	400	16"	150	6"	2/16534	6,14
CXF2E45-600 500X150X2	45	600	24"	500	20"	150	6"	2/16535	6,59
CXF2E45-600 600X150X2	45	600	24"	600	24"	150	6"	2/16536	7,05

2 x JUFE



H75-H120



H150

CXF2E60-600



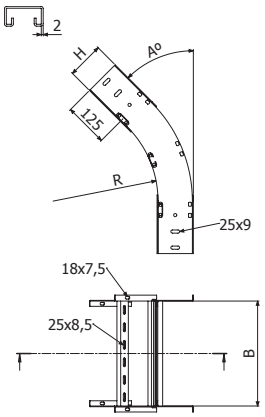
H75-H120



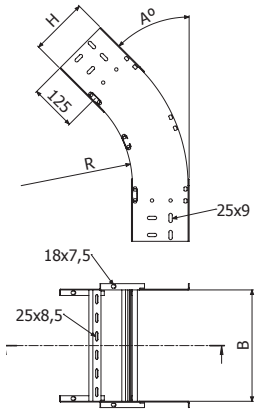
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E60-600 100X100X2	60	600	24"	100	4"	100	4"	2/16544	4,07
CXF2E60-600 150X100X2	60	600	24"	150	6"	100	4"	2/16545	4,38
CXF2E60-600 200X100X2	60	600	24"	200	8"	100	4"	2/16546	4,68
CXF2E60-600 300X100X2	60	600	24"	300	12"	100	4"	2/16547	5,29
CXF2E60-600 400X100X2	60	600	24"	400	16"	100	4"	2/16548	5,90
CXF2E60-600 500X100X2	60	600	24"	500	20"	100	4"	2/16549	6,50
CXF2E60-600 600X100X2	60	600	24"	600	24"	100	4"	2/16550	7,11
CXF2E60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/16551	5,04
CXF2E60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/16552	5,35
CXF2E60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/16553	5,96
CXF2E60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/16554	6,56
CXF2E60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/16555	7,17
CXF2E60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/16556	7,78
CXF2E60-600 150X150X2	60	600	24"	150	6"	150	6"	2/16557	6,07
CXF2E60-600 200X150X2	60	600	24"	200	8"	150	6"	2/16558	6,38
CXF2E60-600 300X150X2	60	600	24"	300	12"	150	6"	2/16559	6,98
CXF2E60-600 400X150X2	60	600	24"	400	16"	150	6"	2/16560	7,59
CXF2E60-600 500X150X2	60	600	24"	500	20"	150	6"	2/16561	8,20
CXF2E60-600 600X150X2	60	600	24"	600	24"	150	6"	2/16562	8,81

2 x JUFE



H75-H120

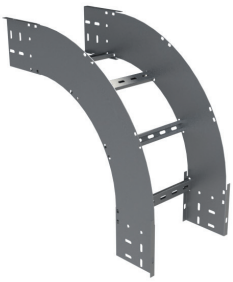


H150

CXF2E-600



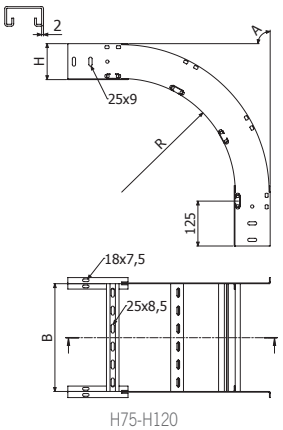
H75-H120



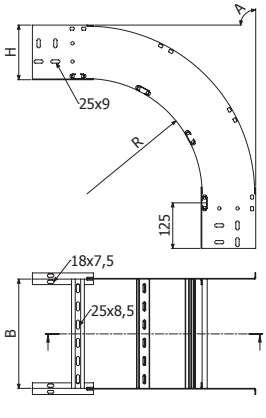
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E-600 100X100X2	90	600	24"	100	4"	100	4"	2/16570	5,31
CXF2E-600 150X100X2	90	600	24"	150	6"	100	4"	2/16571	5,69
CXF2E-600 200X100X2	90	600	24"	200	8"	100	4"	2/16572	6,07
CXF2E-600 300X100X2	90	600	24"	300	12"	100	4"	2/16573	6,83
CXF2E-600 400X100X2	90	600	24"	400	16"	100	4"	2/16574	7,59
CXF2E-600 500X100X2	90	600	24"	500	20"	100	4"	2/16575	8,35
CXF2E-600 600X100X2	90	600	24"	600	24"	100	4"	2/16576	9,11
CXF2E-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/16577	6,60
CXF2E-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/16578	6,98
CXF2E-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/16579	7,74
CXF2E-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/16580	8,50
CXF2E-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/16581	9,26
CXF2E-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/16582	10,02
CXF2E-600 150X150X2	90	600	24"	150	6"	150	6"	2/16583	8,00
CXF2E-600 200X150X2	90	600	24"	200	8"	150	6"	2/16584	8,38
CXF2E-600 300X150X2	90	600	24"	300	12"	150	6"	2/16585	9,14
CXF2E-600 400X150X2	90	600	24"	400	16"	150	6"	2/16586	9,90
CXF2E-600 500X150X2	90	600	24"	500	20"	150	6"	2/16587	10,66
CXF2E-600 600X150X2	90	600	24"	600	24"	150	6"	2/16588	11,42

2 x JUFE



H75-H120



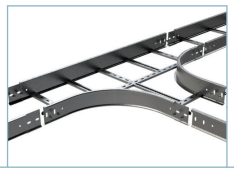
H150

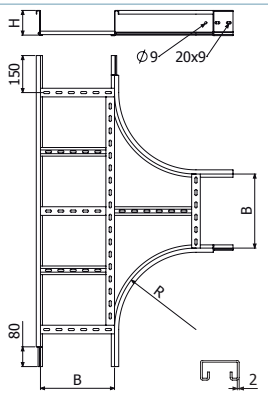
TEF2E-300



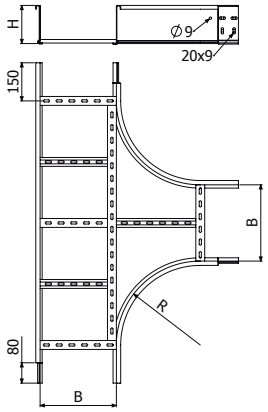
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEF2E-300 100X100X2	300	12"	100	4"	100	4"	2/16232	7,48
TEF2E-300 150X100X2	300	12"	150	6"	100	4"	2/16233	8,05
TEF2E-300 200X100X2	300	12"	200	8"	100	4"	2/16234	8,92
TEF2E-300 300X100X2	300	12"	300	12"	100	4"	2/16235	10,20
TEF2E-300 400X100X2	300	12"	400	16"	100	4"	2/16236	11,49
TEF2E-300 500X100X2	300	12"	500	20"	100	4"	2/16237	13,54
TEF2E-300 600X100X2	300	12"	600	24"	100	4"	2/16238	14,97
TEF2E-300 150X120X2	300	12"	150	6"	120	4 5/7"	2/16239	8,88
TEF2E-300 200X120X2	300	12"	200	8"	120	4 5/7"	2/16240	9,76
TEF2E-300 300X120X2	300	12"	300	12"	120	4 5/7"	2/16241	11,08
TEF2E-300 400X120X2	300	12"	400	16"	120	4 5/7"	2/16242	12,40
TEF2E-300 500X120X2	300	12"	500	20"	120	4 5/7"	2/16243	14,48
TEF2E-300 600X120X2	300	12"	600	24"	120	4 5/7"	2/16244	15,95
TEF2E-300 150X150X2	300	12"	150	6"	150	6"	2/16245	10,12
TEF2E-300 200X150X2	300	12"	200	8"	150	6"	2/16246	11,03
TEF2E-300 300X150X2	300	12"	300	12"	150	6"	2/16247	12,40
TEF2E-300 400X150X2	300	12"	400	16"	150	6"	2/16248	13,76
TEF2E-300 500X150X2	300	12"	500	20"	150	6"	2/16249	15,89
TEF2E-300 600X150X2	300	12"	600	24"	150	6"	2/16250	17,41

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)





TEF2E H75/100/120



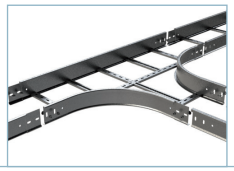
TEF2E H150

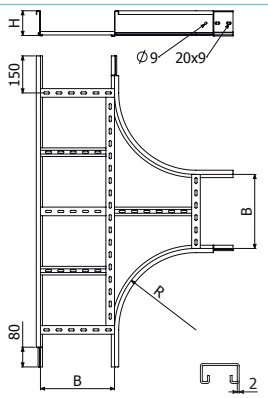
TEF2E-600



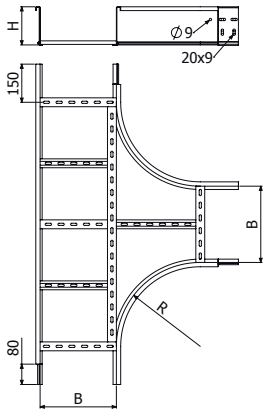
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEF2E-600 100X100X2	600	24"	100	4"	100	4"	2/16596	12,66
TEF2E-600 150X100X2	600	24"	150	6"	100	4"	2/16597	13,53
TEF2E-600 200X100X2	600	24"	200	8"	100	4"	2/16598	14,40
TEF2E-600 300X100X2	600	24"	300	12"	100	4"	2/16599	16,14
TEF2E-600 400X100X2	600	24"	400	16"	100	4"	2/16600	18,49
TEF2E-600 500X100X2	600	24"	500	20"	100	4"	2/16601	20,39
TEF2E-600 600X100X2	600	24"	600	24"	100	4"	2/16602	23,19
TEF2E-600 150X120X2	600	24"	150	6"	120	4 5/7"	2/16603	14,85
TEF2E-600 200X120X2	600	24"	200	8"	120	4 5/7"	2/16604	15,74
TEF2E-600 300X120X2	600	24"	300	12"	120	4 5/7"	2/16605	17,51
TEF2E-600 400X120X2	600	24"	400	16"	120	4 5/7"	2/16606	19,90
TEF2E-600 500X120X2	600	24"	500	20"	120	4 5/7"	2/16607	21,82
TEF2E-600 600X120X2	600	24"	600	24"	120	4 5/7"	2/16608	24,66
TEF2E-600 150X150X2	600	24"	150	6"	150	6"	2/16609	16,84
TEF2E-600 200X150X2	600	24"	200	8"	150	6"	2/16610	17,75
TEF2E-600 300X150X2	600	24"	300	12"	150	6"	2/16611	19,57
TEF2E-600 400X150X2	600	24"	400	16"	150	6"	2/16612	22,00
TEF2E-600 500X150X2	600	24"	500	20"	150	6"	2/16613	23,97
TEF2E-600 600X150X2	600	24"	600	24"	150	6"	2/16614	26,86

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)





TEF2E H75/100/120



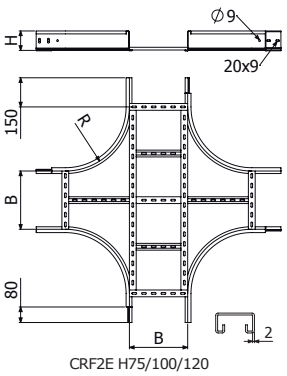
TEF2E H150

CRF2E-300

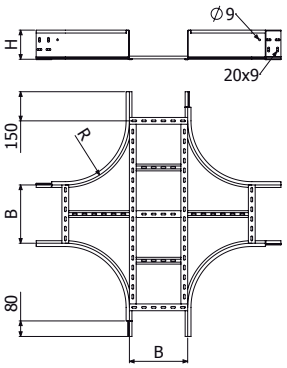


	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRF2E-300 100X100X2	300	12"	100	4"	100	4"	2/16258	9,90
CRF2E-300 150X100X2	300	12"	150	6"	100	4"	2/16259	10,51
CRF2E-300 200X100X2	300	12"	200	8"	100	4"	2/16260	11,42
CRF2E-300 300X100X2	300	12"	300	12"	100	4"	2/16261	12,79
CRF2E-300 400X100X2	300	12"	400	16"	100	4"	2/16262	14,16
CRF2E-300 500X100X2	300	12"	500	20"	100	4"	2/16263	16,28
CRF2E-300 600X100X2	300	12"	600	24"	100	4"	2/16264	17,80
CRF2E-300 150X120X2	300	12"	150	6"	120	4 5/7"	2/16265	11,50
CRF2E-300 200X120X2	300	12"	200	8"	120	4 5/7"	2/16266	12,41
CRF2E-300 300X120X2	300	12"	300	12"	120	4 5/7"	2/16267	13,78
CRF2E-300 400X120X2	300	12"	400	16"	120	4 5/7"	2/16268	15,14
CRF2E-300 500X120X2	300	12"	500	20"	120	4 5/7"	2/16269	17,27
CRF2E-300 600X120X2	300	12"	600	24"	120	4 5/7"	2/16270	18,79
CRF2E-300 150X150X2	300	12"	150	6"	150	6"	2/16271	12,98
CRF2E-300 200X150X2	300	12"	200	8"	150	6"	2/16272	13,89
CRF2E-300 300X150X2	300	12"	300	12"	150	6"	2/16273	15,26
CRF2E-300 400X150X2	300	12"	400	16"	150	6"	2/16274	16,62
CRF2E-300 500X150X2	300	12"	500	20"	150	6"	2/16275	18,75
CRF2E-300 600X150X2	300	12"	600	24"	150	6"	2/16276	20,27

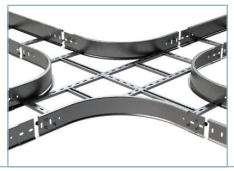
4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



CRF2E H75/100/120



CRF2E H150

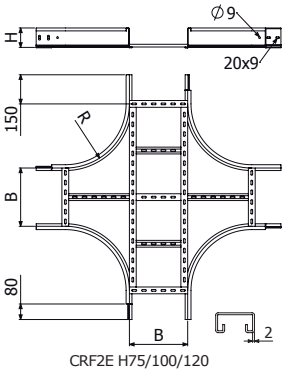


CRF2E-600

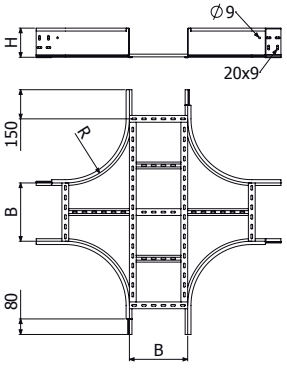


	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRF2E-600 100X100X2	600	24"	100	4"	100	4"	2/16622	17,13
CRF2E-600 150X100X2	600	24"	150	6"	100	4"	2/16623	18,12
CRF2E-600 200X100X2	600	24"	200	8"	100	4"	2/16624	19,11
CRF2E-600 300X100X2	600	24"	300	12"	100	4"	2/16625	21,09
CRF2E-600 400X100X2	600	24"	400	16"	100	4"	2/16626	23,67
CRF2E-600 500X100X2	600	24"	500	20"	100	4"	2/16627	25,80
CRF2E-600 600X100X2	600	24"	600	24"	100	4"	2/16628	28,84
CRF2E-600 150X120X2	600	24"	150	6"	120	4 5/7"	2/16629	19,71
CRF2E-600 200X120X2	600	24"	200	8"	120	4 5/7"	2/16630	20,70
CRF2E-600 300X120X2	600	24"	300	12"	120	4 5/7"	2/16631	22,68
CRF2E-600 400X120X2	600	24"	400	16"	120	4 5/7"	2/16632	25,26
CRF2E-600 500X120X2	600	24"	500	20"	120	4 5/7"	2/16633	27,39
CRF2E-600 600X120X2	600	24"	600	24"	120	4 5/7"	2/16634	30,43
CRF2E-600 150X150X2	600	24"	150	6"	150	6"	2/16635	22,10
CRF2E-600 200X150X2	600	24"	200	8"	150	6"	2/16636	23,09
CRF2E-600 300X150X2	600	24"	300	12"	150	6"	2/16637	25,06
CRF2E-600 400X150X2	600	24"	400	16"	150	6"	2/16638	27,65
CRF2E-600 500X150X2	600	24"	500	20"	150	6"	2/16639	29,77
CRF2E-600 600X150X2	600	24"	600	24"	150	6"	2/16640	32,81

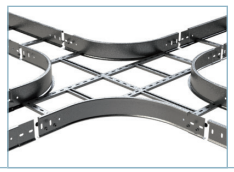
4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



CRF2E H75/100/120



CRF2E H150

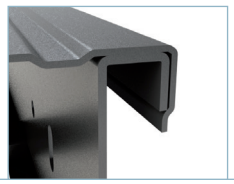


TFE



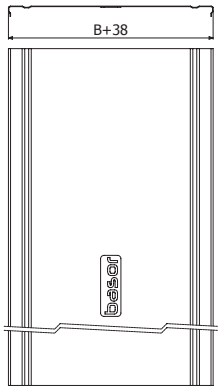
L = 3 m (10 ft)

400/500/600 - L=2 m (6,56 ft)



	B		e	GC	
	mm	inch	mm	REF.	kg/m
TFE 100x1,5 3M	100	4''	1,5	2/4937	2,06
TFE 150x1,5 3M	150	6''	1,5	2/4472	2,66
TFE 200x1,5 3M	200	8''	1,5	2/4473	3,26
TFE 300x1,5 3M	300	12''	1,5	2/3579	4,46
TFE 400x1,5 2M	400	16''	1,5	2/4430	5,66
TFE 500x1,5 2M	500	20''	1,5	2/4509	6,86
TFE 600x1,5 2M	600	24''	1,5	2/4494	8,06

4 x PTFE/PTFE-E60 -> 1 x TFE



TFEL

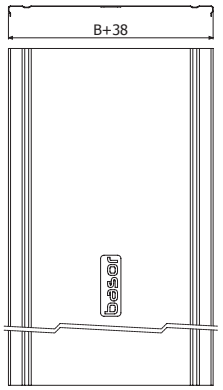


L = 3 m (10 ft)

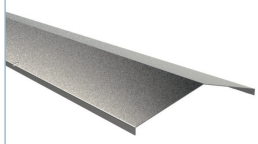
400/500/600 - L=2 m (6,56 ft)

	B		e	GC	
	mm	inch	mm	REF.	kg/m
TFEL 100x0,8 3M	100	4"	0,8	2/10000	1,1
TFEL 150x0,8 3M	150	6"	0,8	2/10001	1,42
TFEL 200x0,8 3M	200	8"	0,8	2/10002	1,74
TFEL 300x0,8 3M	300	12"	0,8	2/10003	2,38
TFEL 400x1 2M	400	16"	1	2/10004	3,78
TFEL 500x1 2M	500	20"	1	2/10005	4,58
TFEL 600x1 2M	600	24"	1	2/10006	5,38

4 x PTFE/PTFE-E60 -> 1 x TFEL

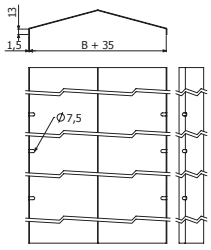


T2AFE

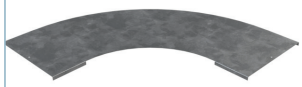


	B		GC	
	mm	inch	REF.	kg/m
T2AFE 100x1,5	100	4''	2/9778	2,17
T2AFE 150x1,5	150	6''	2/9779	2,82
T2AFE 200x1,5	200	8''	2/9780	3,47
T2AFE 300x1,5	300	12''	2/9781	4,77
T2AFE 400x1,5	400	16''	2/9782	6,08
T2AFE 500x1,5	500	20''	2/9783	7,38
T2AFE 600x1,5	600	24''	2/9784	8,69

4 x PTFE-2A (2/10008 - i304)

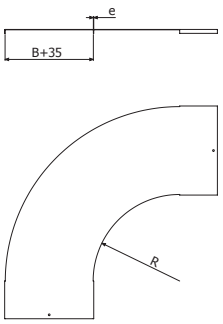


TCPFE-300

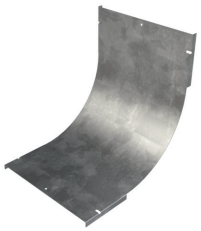


	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
TCPFE-300 100x1,5	300	12"	100	4"	1,5	2/17213	1,89
TCPFE-300 150x1,5	300	12"	150	6"	1,5	2/17214	2,56
TCPFE-300 200x1,5	300	12"	200	8"	1,5	2/17215	3,29
TCPFE-300 300x1,5	300	12"	300	12"	1,5	2/17216	4,90
TCPFE-300 400x1,5	300	12"	400	16"	1,5	2/17217	6,72
TCPFE-300 500x1,5	300	12"	500	20"	1,5	2/17218	8,74
TCPFE-300 600x1,5	300	12"	600	24"	1,5	2/17219	10,98

4 x PTFE (2/7054 - i304)

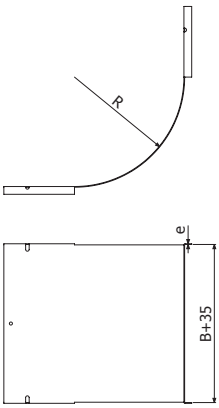


TCCFE-300



	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TCCFE-300 100x1,5	300	12"	100	4"	1,5	2/17220	1,73
TCCFE-300 150x1,5	300	12"	150	6"	1,5	2/17221	2,24
TCCFE-300 200x1,5	300	12"	200	8"	1,5	2/17222	2,75
TCCFE-300 300x1,5	300	12"	300	12"	1,5	2/17223	3,77
TCCFE-300 400x1,5	300	12"	400	16"	1,5	2/17224	4,78
TCCFE-300 500x1,5	300	12"	500	20"	1,5	2/17225	5,80
TCCFE-300 600x1,5	300	12"	600	24"	1,5	2/17226	6,82

4/100 x B1 (2/6826-GC)

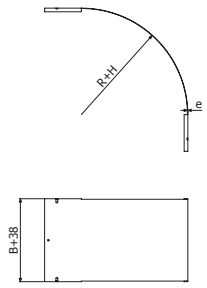


TCXFE-300

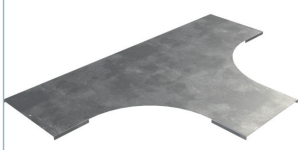


	R		B		e	H		GC	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
TCXFE-300 100X75x1,5	300	12"	100	4"	1,5	75	3"	2/17227	2,00
TCXFE-300 150X75x1,5	300	12"	150	6"	1,5	75	3"	2/17228	2,58
TCXFE-300 200X75x1,5	300	12"	200	8"	1,5	75	3"	2/17229	3,17
TCXFE-300 300X75x1,5	300	12"	300	12"	1,5	75	3"	2/17230	4,34
TCXFE-300 400X75x1,5	300	12"	400	16"	1,5	75	3"	2/17231	5,52
TCXFE-300 500X75x1,5	300	12"	500	20"	1,5	75	3"	2/17232	6,69
TCXFE-300 600X75x1,5	300	12"	600	24"	1,5	75	3"	2/17233	7,86
TCXFE-300 100X100x1,5	300	12"	100	4"	1,5	100	4"	2/17234	2,08
TCXFE-300 150X100x1,5	300	12"	150	6"	1,5	100	4"	2/17235	2,70
TCXFE-300 200X100x1,5	300	12"	200	8"	1,5	100	4"	2/17236	3,31
TCXFE-300 300X100x1,5	300	12"	300	12"	1,5	100	4"	2/17237	4,53
TCXFE-300 400X100x1,5	300	12"	400	16"	1,5	100	4"	2/17238	5,76
TCXFE-300 500X100x1,5	300	12"	500	20"	1,5	100	4"	2/17239	6,98
TCXFE-300 600X100x1,5	300	12"	600	24"	1,5	100	4"	2/17240	8,21
TCXFE-300 150X120x1,5	300	12"	150	6"	1,5	120	5"	2/17241	2,79
TCXFE-300 200X120x1,5	300	12"	200	8"	1,5	120	5"	2/17242	3,42
TCXFE-300 300X120x1,5	300	12"	300	12"	1,5	120	5"	2/17243	4,69
TCXFE-300 400X120x1,5	300	12"	400	16"	1,5	120	5"	2/17244	5,95
TCXFE-300 500X120x1,5	300	12"	500	20"	1,5	120	5"	2/17245	7,22
TCXFE-300 600X120x1,5	300	12"	600	24"	1,5	120	5"	2/17246	8,49
TCXFE-300 150X150x1,5	300	12"	150	6"	1,5	150	6"	2/17247	2,92
TCXFE-300 200X150x1,5	300	12"	200	8"	1,5	150	6"	2/17248	3,59
TCXFE-300 300X150x1,5	300	12"	300	12"	1,5	150	6"	2/17249	4,92
TCXFE-300 400X150x1,5	300	12"	400	16"	1,5	150	6"	2/17250	6,25
TCXFE-300 500X150x1,5	300	12"	500	20"	1,5	150	6"	2/17251	7,58
TCXFE-300 600X150x1,5	300	12"	600	24"	1,5	150	6"	2/17252	8,90

4/100 x B1 (2/6826-GC)

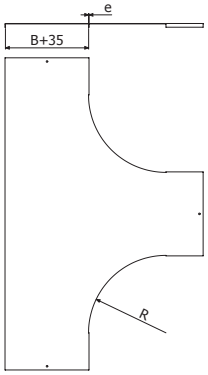


TTEFE-300

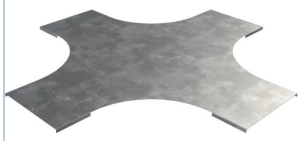


	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TTEFE-300 100x1,5	300	12"	100	4"	1,5	2/17253	3,52
TTEFE-300 150x1,5	300	12"	150	6"	1,5	2/17254	4,60
TTEFE-300 200x1,5	300	12"	200	8"	1,5	2/17255	5,74
TTEFE-300 300x1,5	300	12"	300	12"	1,5	2/17256	8,23
TTEFE-300 400x1,5	300	12"	400	16"	1,5	2/17257	10,98
TTEFE-300 500x1,5	300	12"	500	20"	1,5	2/17258	14,00
TTEFE-300 600x1,5	300	12"	600	24"	1,5	2/17259	17,28

4 x PTFE (2/7054 - i304)

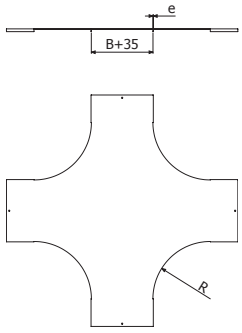


TCRFE-300



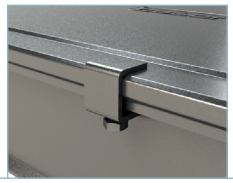
	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TCRFE-300 100x1,5	300	12"	100	4"	1,5	2/17260	4,79
TCRFE-300 150x1,5	300	12"	150	6"	1,5	2/17261	6,14
TCRFE-300 200x1,5	300	12"	200	8"	1,5	2/17262	7,56
TCRFE-300 300x1,5	300	12"	300	12"	1,5	2/17263	10,60
TCRFE-300 400x1,5	300	12"	400	16"	1,5	2/17264	13,90
TCRFE-300 500x1,5	300	12"	500	20"	1,5	2/17265	17,46
TCRFE-300 600x1,5	300	12"	600	24"	1,5	2/17266	21,29

4 x PTFE (2/7054 - i304)



PTFE

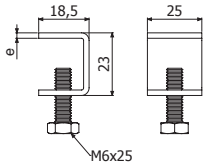




	Pap	e	i304		i316	
	Nm	mm	REF.	kg/ud	REF.	kg/ud
PTFE	6	2	2/7054	0,02	2/18568	0,02

4 x PTFE --> 1 x TFE





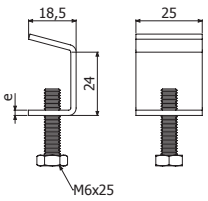
PT2AFE



	Pap	e	i304		i316	
	Nm	mm	REF.	kg/ud	REF.	kg/ud
PT2AFE	6	2	2/10008	0,02	2/18569	0,02

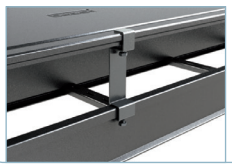
4 x PT2AFE --> 1 x TFE





PTFE-E60



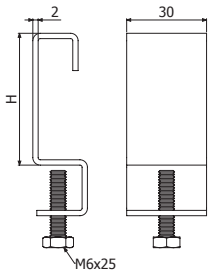


	Pap	H		i304		i316	
	Nm	mm	inch	REF.	kg/ud	REF.	kg/ud
PTFE-E60	6	60	2 3/8"	2/9787	0,06	2/18570	0,06

PTFE-E60 + PTFE (2/7054)

4 x PTFE-E60 --> 1 x TFE





PVTFE-E60

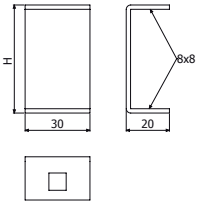


	Pap	H		i304		i316	
	Nm	mm	inch	REF.	kg/ud	REF.	kg/ud
PVTFE-E60	6	60	2 3/8"	2/9788	0,06	2/18571	0,06

PVTFE-E60 + 2/100 x B1 (2/4925) -->

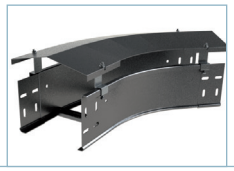
4 x PVTFE-E60 --> 1 x TCCFE / TCXFE





PT2AFE-E60



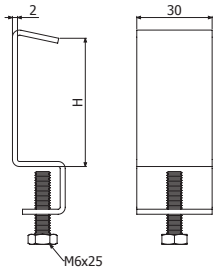


	Pap	H		i304		i316	
	Nm	mm	inch	REF.	kg/ud	REF.	kg/ud
PT2AFE-E60	6	60	2 3/8"	2/9785	0,06	2/18572	0,06

PT2AFE-E60 + 1/100 x B1 (2/4925)

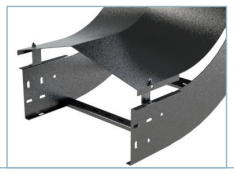
4 x PT2AFE-E60 --> 1 x TFE





PVT2AFE-E60



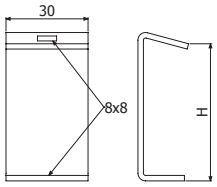


	Pap	H		i304		i316	
	Nm	mm	inch	REF.	kg/ud	REF.	kg/ud
PVT2AFE-E60	6	60	2 3/8"	2/9786	0,06	2/18573	0,06

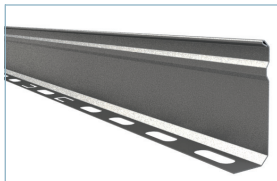
PVT2AFE-E60 + 2/100 x B1 (2/4925) -->

4 x PVT2AFE-E60 --> 1 x TCCFE-300 / TCXFE-300





PS

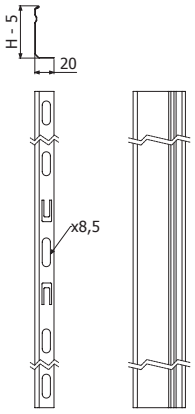


L = 3 m (10 ft)

	H		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
PS 35	35	1 3/8"	2/3476	0,29	2/3479	0,29
PS 60	60	2 3/8"	2/2066	0,34	2/3480	0,43
PS 80	80	3 1/7"	2/3477	0,46	2/3481	0,63
PS 100	100	4"	2/3478	0,56	2/3482	0,76

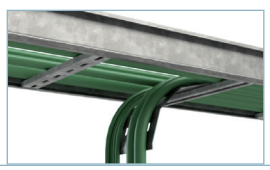
1 x ISO7380 M8x30 (0/1117) + 1 x DIN9021 M8 (0/0298) + 1 x DIN6923 M8 (2/17555)

PS 35→ FE H60, PS 60→ FE H75, PS 80→FE H100, PS 100→FE H120/H150.



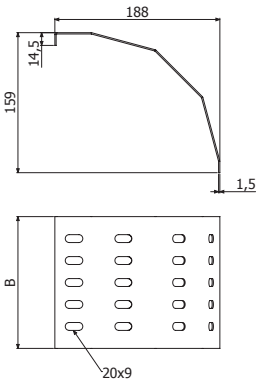
BJCFE





	e	GC	
	mm	REF.	kg/ud
BJCFE 100x1,5	1,5	2/10021	0,60
BJCFE 150x1,5	1,5	2/10022	0,90
BJCFE 200x1,5	1,5	2/10023	1,20
BJCFE 300x1,5	1,5	2/10024	1,70
BJCFE 400x1,5	1,5	2/10025	2,30
BJCFE 500x1,5	1,5	2/10026	2,90
BJCFE 600x1,5	1,5	2/10027	3,40

2/100 x B2 (2/6792 - GC)

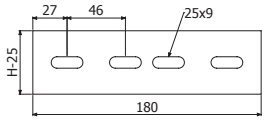


JUFE

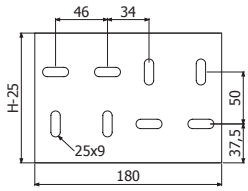


	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE 60/75	**75**	3"	**2**	2/0854	0,08
JUFE 100	**100**	4"	**2**	2/0856	0,20
JUFE 120	**120**	4 5/7"	**2**	2/6940	0,25
JUFE 150	**150**	6"	**2**	2/6941	0,33

4/100 x B2 (2/6792 - GC) / 8/100 x B2 ↑150



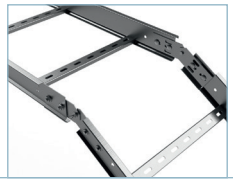
JUFE 75/100/120



JUFE 150

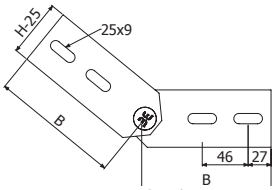
JUFE-A



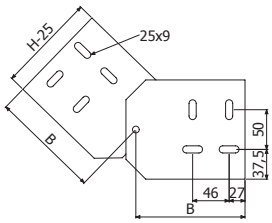


	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-A 60/75	**75**	3"	**2**	2/0857	0,14
JUFE-A 100	**100**	4"	**2**	2/0859	0,34
JUFE-A 120	**120**	4 5/7"	**2**	2/6942	0,52
JUFE-A 150	**150**	6"	**2**	2/6943	0,66

4/100 x B2 (2/6792 - GC) / 8/100 x B2 ↑150

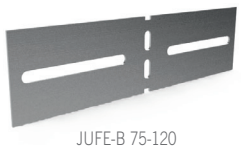


JUFE-A 75/100/120

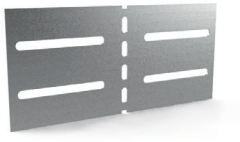


JUFE-A 150

JUFE-B



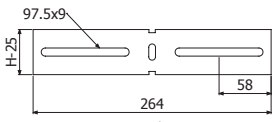
JUFE-B 75-120



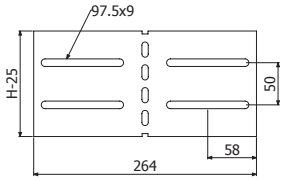
JUFE-B 150

	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-B 60/75	**75**	3"	**2**	2/0860	0,13
JUFE-B 100	**100**	4"	**2**	2/0862	0,30
JUFE-B 120	**120**	4 5/7"	**2**	2/6944	0,38
JUFE-B 150	**150**	6"	**2**	2/6945	0,46

4/100 x B2 (2/6792 - GC) / 8/100 x B2 ↑150



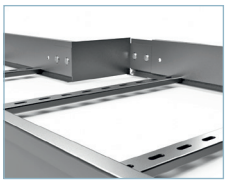
JUFE-B 75/120



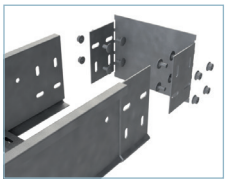
JUFE-B 150

REFE





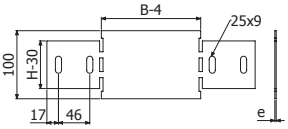
REFE H75/100/120



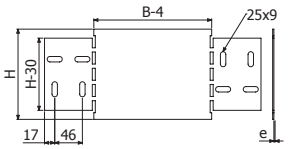
REFE H150

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
REFE 50x75x2	50	2"	75	3"	2	2/6803	0,17
REFE 100x75x2	100	4"	75	3"	2	2/6804	0,23
REFE 150x75x2	150	6"	75	3"	2	2/6805	0,30
REFE 200x75x2	200	8"	75	3"	2	2/6806	0,36
REFE 50x100x2	50	2"	100	4"	2	2/6807	0,26
REFE 100x100x2	100	4"	100	4"	2	2/6808	0,34
REFE 150x100x2	150	6"	100	4"	2	2/6809	0,43
REFE 200x100x2	200	8"	100	4"	2	2/6810	0,51
REFE 50x120x2	50	2"	120	4 5/7"	2	2/6954	0,33
REFE 100x120x2	100	4"	120	4 5/7"	2	2/6955	0,43
REFE 150x120x2	150	6"	120	4 5/7"	2	2/6956	0,53
REFE 200x120x2	200	8"	120	4 5/7"	2	2/6957	0,63
REFE 50x150x2	50	2"	150	6"	2	2/6958	0,42
REFE 100x150x2	100	4"	150	6"	2	2/6959	0,55
REFE 150x150x2	150	6"	150	6"	2	2/6960	0,67
REFE 200x150x2	200	8"	150	6"	2	2/6961	0,80

4/100 x B2 (2/6792 - GC) / 8/100 x B2 ↑150

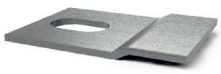


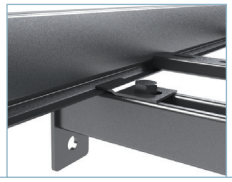
REFE H75/100/120



REFE H150

BFE

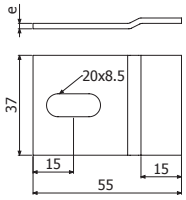




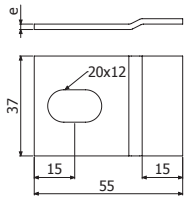
	e	GC	
	mm	REF.	kg/ud
BFE 8	2	2/0863	0,03
BFE 12	3	2/0864	0,04

BFE 8 --> SHL --> B2 (2/6792 - GC)

SP/SPD + BEF 12 --> DIN933 10X30 (2/17547 - i304) + TM41 M10 (2/17584 - GC) + DIN125 M10 (2/17542-i304)



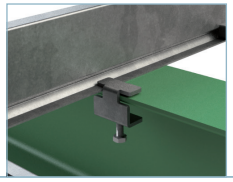
BFE 8



BFE 12

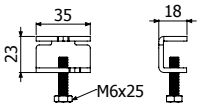
BEV





	GC		i304		i316	
	REF	Kg/ud	REF.	kg/ud	REF.	kg/ud
BEV	2/11805	0,07	2/14473	0,05	2/18574	0,05

10

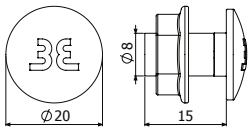


B2



	Pap	GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud
B2-100	15	2/6792	1,83	2/5392	1,71

13

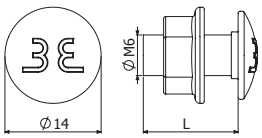


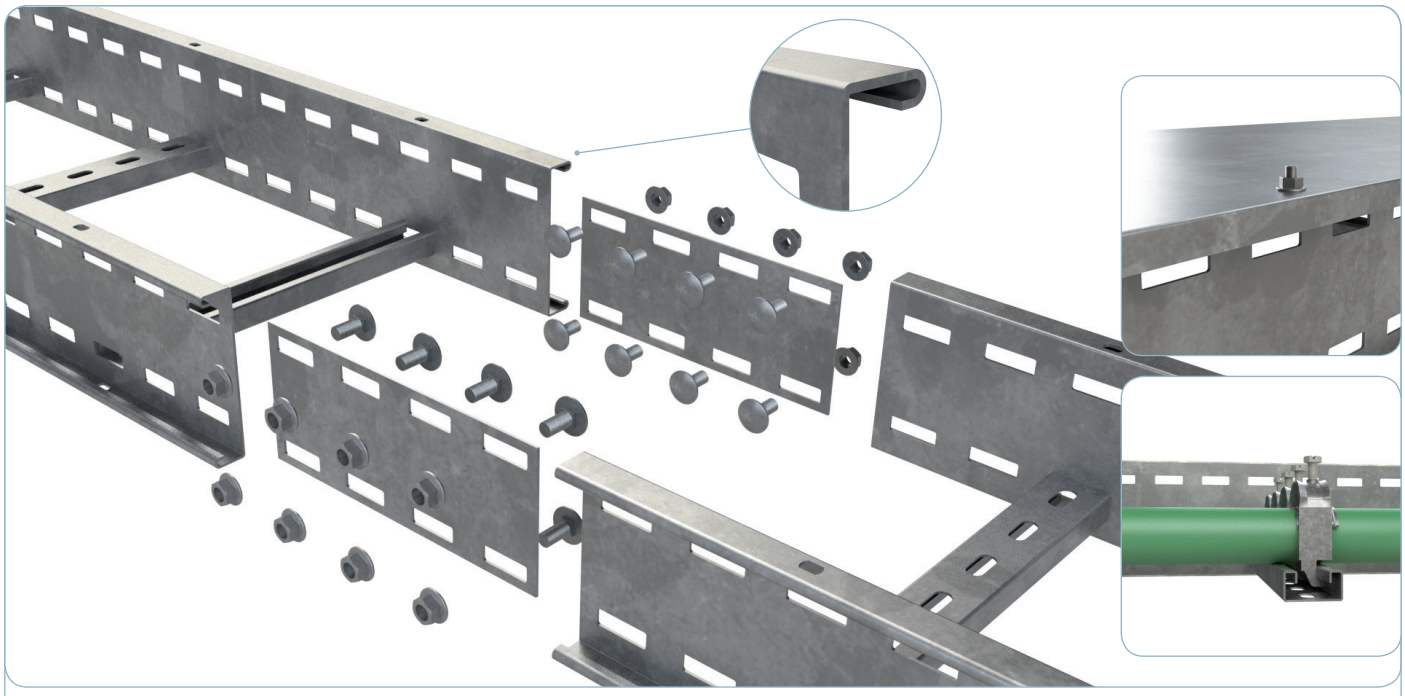
B1



	L	Pap	GC		i304	
	mm	Nm	REF.	kg/ud	REF.	kg/ud
B1-100	14	6	2/6826	0,80	-	-
B1-100	20	6	-	-	2/4925	0,79

10





L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

150C
-50C
UNE-EN 61537

6
9C 9D
UNE-EN 61537

20J
UNE-EN 61537
UNE-EN 50085


CPBSL


CCBSL

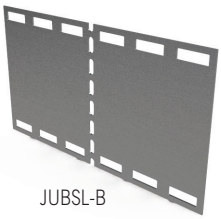

CXBSL


TEBSL


CRBSL

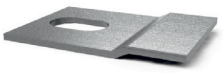

JUBSL


JUBSL-A


JUBSL-B


BBSL


PVTBSL-E60

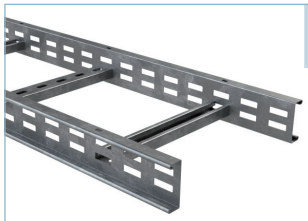

BBSLR


B1


B3

B		Filling Area H75 (3")		H100 (4")		H125 (5")		H150 (6")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
100	4	**40**	6	**-**	-	**-**	-	**-**	-
150	6	**60**	9	**98**	15	**135**	21	**173**	27
300	12	**120**	18	**195**	30	**270**	42	**336**	52
450	18	**160**	24	**293**	45	**405**	63	**504**	78
600	24	**240**	37	**390**	60	**540**	84	**672**	104
750	30	**300**	46	**488**	76	**675**	105	**840**	130
900	35	**360**	55	**585**	91	**810**	126	**1008**	156

BSL H75

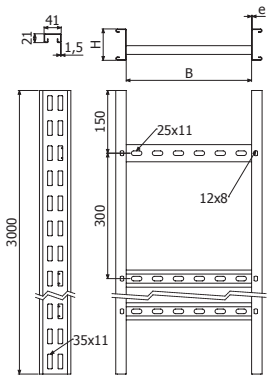


L = 3 m

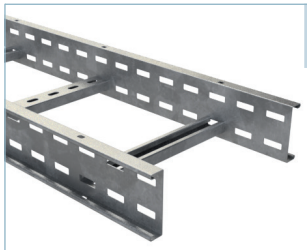
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 100X75X1,5-300 3M	100	4"	50	2"	1,5	2/15136	3,78	2/10285	3,43	2/15159	3,43
BSL 150X75X1,5-300 3M	150	6"	50	2"	1,5	2/15137	4,00	2/10286	3,63	2/15160	3,63
BSL 300X75X1,5-300 3M	300	12"	50	2"	1,5	2/15138	4,66	2/10287	4,23	2/15161	4,23
BSL 450X75X1,5-300 3M	450	18"	50	2"	1,5	2/15139	5,32	2/10288	4,83	2/15162	4,83
BSL 600X75X1,5-300 3M	600	24"	50	2"	1,5	2/15140	6,98	2/10289	5,43	2/15163	5,43
BSL 750X75X1,5-300 3M	750	30"	50	2"	1,5	2/15141	6,64	2/10290	6,03	2/15164	6,03
BSL 900X75X1,5-300 3M	900	36"	50	2"	1,5	2/15142	7,30	2/10291	6,63	2/15165	6,63

Rung 41x21x1,5

2 x JUBSL 50 (2/15424-GC // 2/18509-i304 // 2/15433-i316)



BSL H100

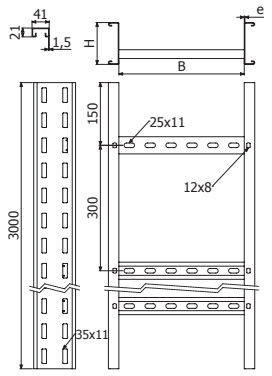


L = 3 m

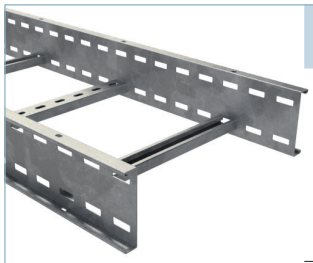
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 150X100X1,5-300 3M	150	6"	100	4"	1,5	2/15143	4,73	2/14615	4,26	2/15166	4,26
BSL 300X100X1,5-300 3M	300	12"	100	4"	1,5	2/15144	5,32	2/14617	4,78	2/15167	4,78
BSL 450X100X1,5-300 3M	450	18"	100	4"	1,5	2/15145	5,90	2/14619	5,31	2/15168	5,31
BSL 600X100X1,5-300 3M	600	24"	100	4"	1,5	2/15146	6,48	2/14621	5,83	2/15169	5,83
BSL 750X100X1,5-300 3M	750	30"	100	4"	1,5	2/15147	7,06	2/14622	6,36	2/15170	6,36
BSL 900X100X1,5-300 3M	900	36"	100	4"	1,5	2/15148	7,64	2/14623	6,88	2/15171	6,88

Rung 41x21x1,5

2 x JUBSL 100 (2/15425-GC // 2/15065-i304 // 2/15434-i316)



BSL H125

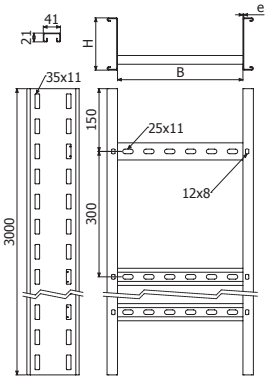


L = 3 m

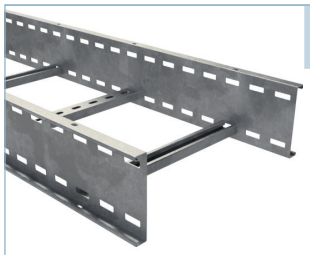
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 150X125X2-300 3M	150	6"	125	5"	2	2/15149	6,79	2/14624	6,28	2/15172	6,28
BSL 300X125X2-300 3M	300	12"	125	5"	2	2/15150	7,37	2/14626	6,82	2/15173	6,82
BSL 450X125X2-300 3M	450	18"	125	5"	2	2/15151	7,95	2/14628	7,36	2/15174	7,36
BSL 600X125X2-300 3M	600	24"	125	5"	2	2/15152	8,54	2/14630	7,90	2/15175	7,90
BSL 750X125X2-300 3M	750	30"	125	5"	2	2/15153	9,93	2/14631	9,18	2/15176	9,18
BSL 900X125X2-300 3M	900	36"	125	5"	2	2/15154	10,67	2/14632	9,87	2/15177	9,87

Width ≤ 600 - Rung 41x21x1,5
Width > 600 - Rung 41x21x2

2 x JUBSL 125 (2/15426-GC // 2/15476-i304 // 2/15435-i316)



BSL H150

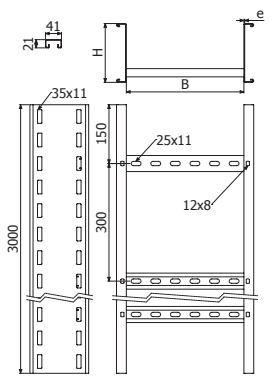


L = 3 m

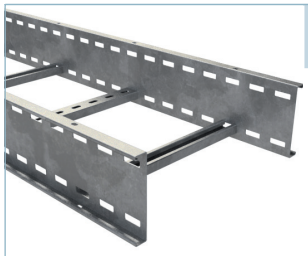
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 150X150X2-300 3M	150	6"	150	6"	2	2/15155	7,59	2/14633	7,02	2/15178	7,02
BSL 300X150X2-300 3M	300	12"	150	6"	2	2/6437	8,17	2/14635	7,56	2/15179	7,56
BSL 450X150X2-300 3M	450	18"	150	6"	2	2/15156	8,75	2/14637	8,10	2/15180	8,10
BSL 600X150X2-300 3M	600	24"	150	6"	2	2/6439	9,34	2/14639	8,64	2/15181	8,64
BSL 750X150X2-300 3M	750	30"	150	6"	2	2/15157	10,73	2/14640	9,92	2/15182	9,92
BSL 900X150X2-300 3M	900	36"	150	6"	2	2/15158	11,47	2/14641	10,61	2/15183	10,61

Width ≤ 600 - Rung 41x21x1,5
Width > 600 - Rung 41x21x2

2 x JUBSL 150 (2/6445-GC // 2/15539-i304 // 2/15436-i316)



BSL H150 6M

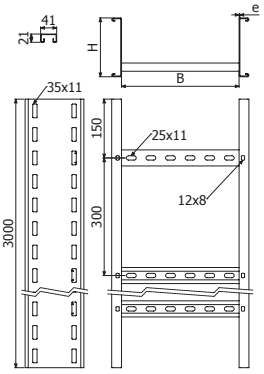


L = 6 m

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BSL 150X150X2-300 6M	150	6"	150	6"	2	2/9970	7,59
BSL 300X150X2-300 6M	300	12"	150	6"	2	2/9971	8,17
BSL 450X150X2-300 6M	450	18"	150	6"	2	2/9972	8,75
BSL 600X150X2-300 6M	600	24"	150	6"	2	2/9973	9,34
BSL 750X150X2-300 6M	750	30"	150	6"	2	2/9974	10,73
BSL 900X150X2-300 6M	900	36"	150	6"	2	2/9975	11,47

Width ≤ 600 - Rung 41x21x1,5
Width > 600 - Rung 41x21x2

2 x JUBSL 150 (2/6445-GC // 2/15539-i304 // 2/15436-i316)



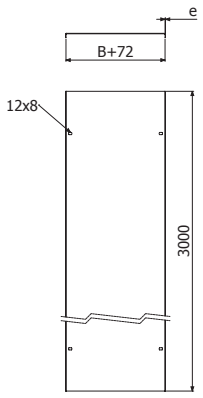
TBSL

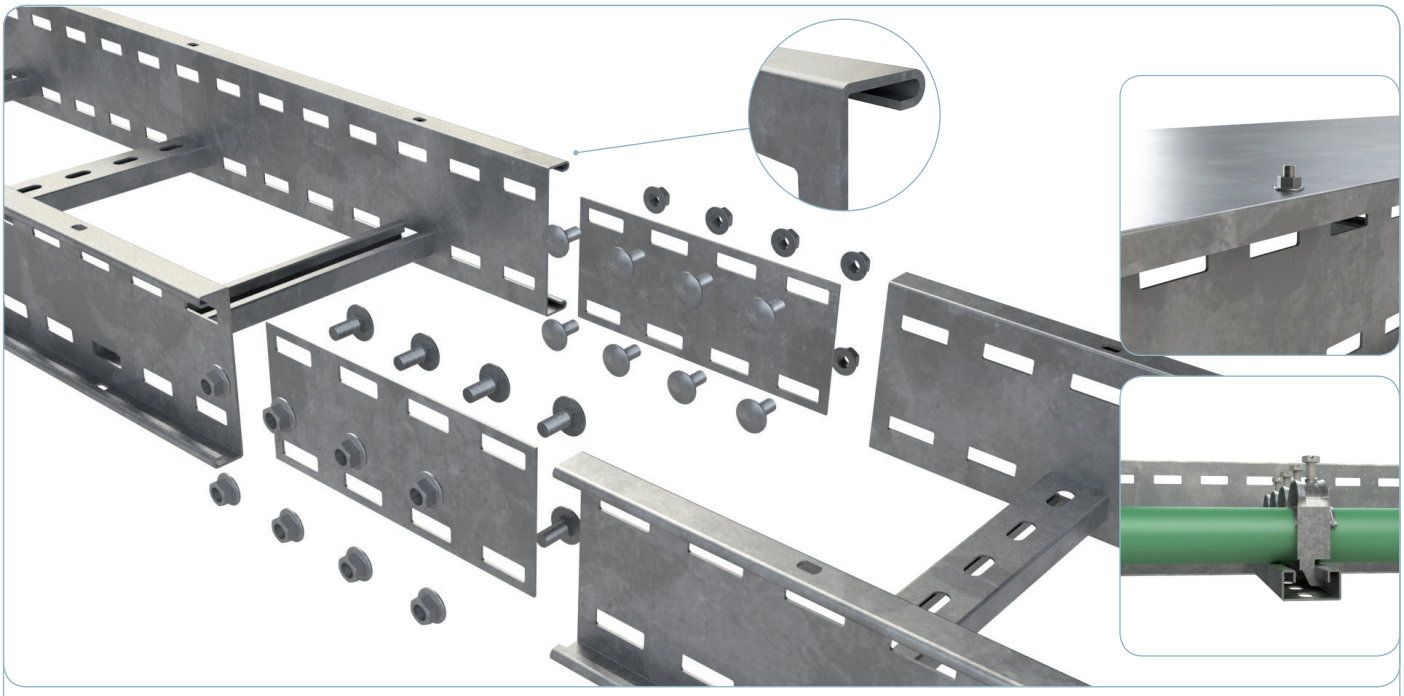


L = 3 m (10 ft)

	B		L	e	GC		i304		i316	
	mm	inch	mm	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
TBSL 100X1,5	100	4"	3000	1,5	2/9598	2,35	2/9605	2,17	2/9612	2,17
TBSL 150X1,5	150	6"	3000	1,5	2/9599	3,00	2/9606	2,77	2/9613	2,77
TBSL 300X1,5	300	12"	3000	1,5	2/9600	4,94	2/9607	4,57	2/9614	4,57
TBSL 450X1,5 2M	450	18"	2000	1,5	2/9601	6,89	-	-	-	-
TBSL 450X1,5	450	18"	3000	1,5	-	-	2/9608	6,37	2/9615	6,37
TBSL 600X1,5 2M	600	24"	2000	1,5	2/9602	8,84	-	-	-	-
TBSL 600X1,5	600	24"	3000	1,5	-	-	2/9609	8,17	2/9616	8,17
TBSL 750X1,5 2M	750	30"	2000	1,5	2/9603	10,79	-	-	-	-
TBSL 750X1,5	750	30"	3000	1,5	-	-	2/9610	9,97	2/9617	9,97
TBSL 900X1,5 2M	900	36"	2000	1,5	2/9604	12,74	-	-	-	-
TBSL 900X1,5	900	36"	3000	1,5	-	-	2/9611	11,77	2/8295	11,77

8/100 x B1 (2/6826-GC // 2/4925-i304 // 2/18388-i316)





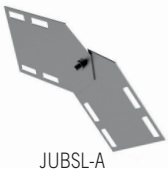
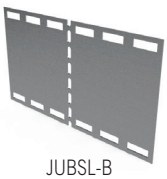
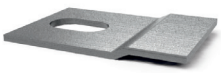
L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150C
-50C
UNE-EN 61537

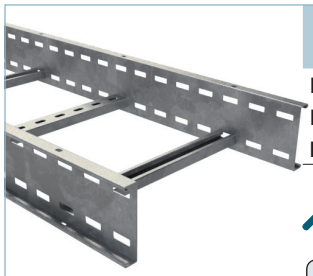
6
UNE-EN 61537

20J
UNE-EN 61537

 CPBSL	 CCBSL	 CXBSL	 TEBSL	 CRBSL
 JUBSL	 JUBSL-A	 JUBSL-B	 BBSL	 B3
 PVTBSL-E60	 BBSLR	 B1		

		Filling Area			
BSLR		H125 (5")		H150 (6")	
mm	inch	cm²	in²	cm²	in²
300	12"	**270**	41,8	**345**	53,5
400	16"	**450**	69,7	**517,5**	80,2
600	24"	**540**	83,7	**690**	107,0

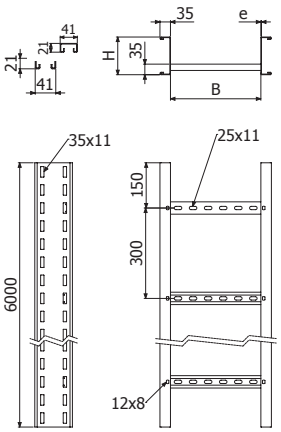
BSLR H125



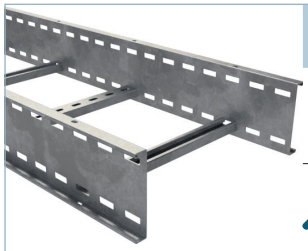
L=6m (20ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BSLR 300x125x2-300 6M	**300**	12	**125**	5	**2**	2/12097	15,14
BSLR 450x125x2-300 6M	**450**	18	**125**	5	**2**	2/12098	15,83
BSLR 600x125x2-300 6M	**600**	24	**125**	5	**2**	2/12099	17,21

2 x JUBSL 125 (2/15426)



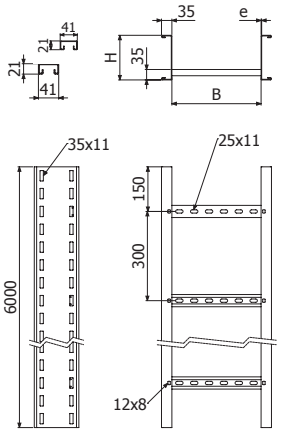
BSLR H150



L=6m (20ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BSLR 300x150x2-300 6M	**300**	12	**150**	6	**2**	2/10270	16,71
BSLR 450x150x2-300 6M	**450**	18	**150**	6	**2**	2/10272	17,40
BSLR 600x150x2-300 6M	**600**	24	**150**	6	**2**	2/10273	18,79

2 x JUBSL 150 (2/6445)



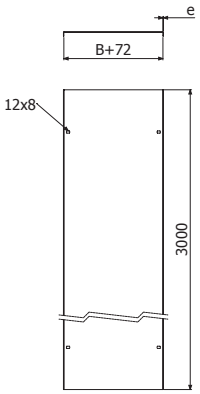
TBSLR



L = 3 m (10 ft)

	B		e	GC	
	mm	inch	mm	REF.	kg/ud
TBSLR 300X1,5 3M	**300**	12	**1,5**	2/10275	6,24
TBSLR 450X1,5 3M	**450**	18	**1,5**	2/10277	7,94
TBSLR 600X1,5 3M	**600**	24	**1,5**	2/10278	11,14

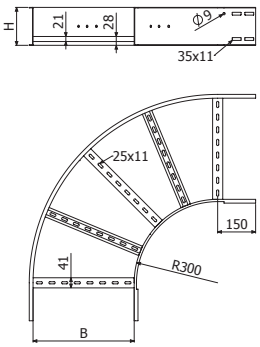
8/100 x B1 (2/6826-GC)



CPBSL-300



	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CPBSL-300 100X75X1,5	100	4"	75	3"	1,5	2/15184	2,95	2/16641	2,68	2/15207	2,68
CPBSL-300 150X75X1,5	150	6"	75	3"	1,5	2/15185	3,36	2/16642	3,05	2/15208	3,05
CPBSL-300 300X75X1,5	300	12"	75	3"	1,5	2/15186	5,04	2/16643	4,58	2/15209	4,58
CPBSL-300 450X75X1,5	450	18"	75	3"	1,5	2/15187	6,47	2/16644	5,88	2/15210	5,88
CPBSL-300 600X75X1,5	600	24"	75	3"	1,5	2/15188	8,94	2/16645	8,12	2/15211	8,12
CPBSL-300 750X75X1,5	750	30"	75	3"	1,5	2/15189	10,63	2/16646	9,66	2/15212	9,66
CPBSL-300 900X75X1,5	900	36"	75	3"	1,5	2/15190	12,32	2/16647	11,20	2/15213	11,20
CPBSL-300 150X100X1,5	150	6"	100	4"	1,5	2/15191	4,22	2/16648	3,79	2/15214	3,79
CPBSL-300 300X100X1,5	300	12"	100	4"	1,5	2/15192	5,23	2/16649	4,71	2/15215	4,71
CPBSL-300 450X100X1,5	450	18"	100	4"	1,5	2/15193	6,76	2/16650	6,09	2/15216	6,09
CPBSL-300 600X100X1,5	600	24"	100	4"	1,5	2/15194	7,95	2/16651	7,16	2/15217	7,16
CPBSL-300 750X100X1,5	750	30"	100	4"	1,5	2/15195	10,01	2/16652	9,01	2/15218	9,01
CPBSL-300 900X100X1,5	900	36"	100	4"	1,5	2/15196	11,38	2/16653	10,24	2/15219	10,24
CPBSL-300 150X125X2	150	6"	125	5"	2	2/15197	5,26	2/16654	4,87	2/15220	4,87
CPBSL-300 300X125X2	300	12"	125	5"	2	2/15198	6,33	2/16655	5,86	2/15221	5,86
CPBSL-300 450X125X2	450	18"	125	5"	2	2/15199	7,93	2/16656	7,34	2/15222	7,34
CPBSL-300 600X125X2	600	24"	125	5"	2	2/15200	9,18	2/16657	8,49	2/15223	8,49
CPBSL-300 750X125X2	750	30"	125	5"	2	2/15201	14,02	2/16658	12,97	2/15224	12,97
CPBSL-300 900X125X2	900	36"	125	5"	2	2/15202	15,87	2/16659	14,68	2/15225	14,68
CPBSL-300 150X150X2	150	6"	150	6"	2	2/15203	5,87	2/16660	5,43	2/15226	5,43
CPBSL-300 300X150X2	300	12"	150	6"	2	2/6962	7,02	2/16661	6,49	2/15227	6,49
CPBSL-300 450X150X2	450	18"	150	6"	2	2/15204	8,68	2/16662	8,03	2/15228	8,03
CPBSL-300 600X150X2	600	24"	150	6"	2	2/6964	10,00	2/16663	9,25	2/15229	9,25
CPBSL-300 750X150X2	750	30"	150	6"	2	2/15205	15,11	2/16664	13,98	2/15230	13,98
CPBSL-300 900X150X2	900	36"	150	6"	2	2/15206	17,05	2/16665	15,78	2/15231	15,78

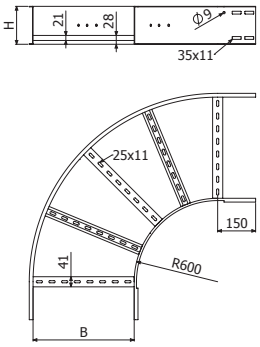


2 x JUBSL

CPBSL-600



	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CPBSL-600 100X75X1,5	100	4"	75	3"	1,5	2/16766	4,65	2/16891	4,22	2/17016	4,22
CPBSL-600 150X75X1,5	150	6"	75	3"	1,5	2/16767	5,21	2/16892	4,73	2/17017	4,73
CPBSL-600 300X75X1,5	300	12"	75	3"	1,5	2/16768	6,90	2/16893	6,27	2/17018	6,27
CPBSL-600 450X75X1,5	450	18"	75	3"	1,5	2/16769	9,38	2/16894	8,52	2/17019	8,52
CPBSL-600 600X75X1,5	600	24"	75	3"	1,5	2/16770	11,32	2/16895	10,29	2/17020	10,29
CPBSL-600 750X75X1,5	750	30"	75	3"	1,5	2/16771	14,56	2/16896	13,23	2/17021	13,23
CPBSL-600 900X75X1,5	900	36"	75	3"	1,5	2/16772	16,77	2/16897	15,24	2/17022	15,24
CPBSL-600 150X100X1,5	150	6"	100	4"	1,5	2/16773	6,17	2/16898	5,55	2/17023	5,55
CPBSL-600 300X100X1,5	300	12"	100	4"	1,5	2/16774	7,18	2/16899	6,47	2/17024	6,47
CPBSL-600 450X100X1,5	450	18"	100	4"	1,5	2/16775	8,72	2/16900	7,85	2/17025	7,85
CPBSL-600 600X100X1,5	600	24"	100	4"	1,5	2/16776	9,91	2/16901	8,92	2/17026	8,92
CPBSL-600 750X100X1,5	750	30"	100	4"	1,5	2/16777	11,97	2/16902	10,77	2/17027	10,77
CPBSL-600 900X100X1,5	900	36"	100	4"	1,5	2/16778	13,33	2/16903	12,00	2/17028	12,00
CPBSL-600 150X125X2	150	6"	125	5"	2	2/16779	7,82	2/16904	7,23	2/17029	7,23
CPBSL-600 300X125X2	300	12"	125	5"	2	2/16780	8,89	2/16905	8,23	2/17030	8,23
CPBSL-600 450X125X2	450	18"	125	5"	2	2/16781	10,49	2/16906	9,70	2/17031	9,70
CPBSL-600 600X125X2	600	24"	125	5"	2	2/16782	11,74	2/16907	10,86	2/17032	10,86
CPBSL-600 750X125X2	750	30"	125	5"	2	2/16783	16,95	2/16908	15,68	2/17033	15,68
CPBSL-600 900X125X2	900	36"	125	5"	2	2/16784	18,80	2/16909	17,39	2/17034	17,39
CPBSL-600 150X150X2	150	6"	150	6"	2	2/16785	8,76	2/16910	8,10	2/17035	8,10
CPBSL-600 300X150X2	300	12"	150	6"	2	2/16786	9,90	2/16911	9,16	2/17036	9,16
CPBSL-600 450X150X2	450	18"	150	6"	2	2/16787	11,57	2/16912	10,70	2/17037	10,70
CPBSL-600 600X150X2	600	24"	150	6"	2	2/16788	12,89	2/16913	11,92	2/17038	11,92
CPBSL-600 750X150X2	750	30"	150	6"	2	2/16789	18,42	2/16914	17,03	2/17039	17,03
CPBSL-600 900X150X2	900	36"	150	6"	2	2/16790	20,36	2/16915	18,83	2/17040	18,83

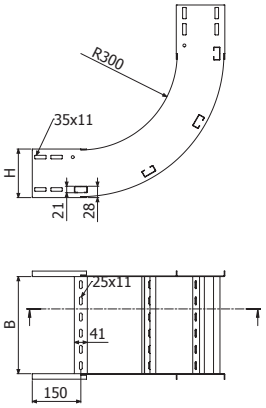


2 x JUBSL

CCBSL-300



	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CCBSL-300 100X75X1,5	100	4"	75	3"	1,5	2/15232	2,26	2/16666	2,05	2/15255	2,05
CCBSL-300 150X75X1,5	150	6"	75	3"	1,5	2/15233	2,52	2/16667	2,29	2/15256	2,29
CCBSL-300 300X75X1,5	300	12"	75	3"	1,5	2/15234	3,29	2/16668	2,99	2/15257	2,99
CCBSL-300 450X75X1,5	450	18"	75	3"	1,5	2/15235	4,06	2/16669	3,69	2/15258	3,69
CCBSL-300 600X75X1,5	600	24"	75	3"	1,5	2/15236	4,83	2/16670	4,39	2/15259	4,39
CCBSL-300 750X75X1,5	750	30"	75	3"	1,5	2/15237	5,60	2/16671	5,09	2/15260	5,09
CCBSL-300 900X75X1,5	900	36"	75	3"	1,5	2/15238	6,38	2/16672	5,80	2/15261	5,80
CCBSL-300 150X100X1,5	150	6"	100	4"	1,5	2/15239	3,62	2/16673	3,25	2/15262	3,25
CCBSL-300 300X100X1,5	300	12"	100	4"	1,5	2/15240	4,14	2/16674	3,73	2/15263	3,73
CCBSL-300 450X100X1,5	450	18"	100	4"	1,5	2/15241	4,66	2/16675	4,20	2/15264	4,20
CCBSL-300 600X100X1,5	600	24"	100	4"	1,5	2/15242	5,19	2/16676	4,67	2/15265	4,67
CCBSL-300 750X100X1,5	750	30"	100	4"	1,5	2/15243	5,71	2/16677	5,14	2/15266	5,14
CCBSL-300 900X100X1,5	900	36"	100	4"	1,5	2/15244	6,24	2/16678	5,61	2/15267	5,61
CCBSL-300 150X125X2	150	6"	125	5"	2	2/15245	5,39	2/16679	4,99	2/15268	4,99
CCBSL-300 300X125X2	300	12"	125	5"	2	2/15246	5,92	2/16680	5,47	2/15269	5,47
CCBSL-300 450X125X2	450	18"	125	5"	2	2/15247	6,44	2/16681	5,96	2/15270	5,96
CCBSL-300 600X125X2	600	24"	125	5"	2	2/15248	6,96	2/16682	6,44	2/15271	6,44
CCBSL-300 750X125X2	750	30"	125	5"	2	2/15249	8,22	2/16683	7,60	2/15272	7,60
CCBSL-300 900X125X2	900	36"	125	5"	2	2/15250	8,89	2/16684	8,22	2/15273	8,22
CCBSL-300 150X150X2	150	6"	150	6"	2	2/15251	6,21	2/16685	5,74	2/15274	5,74
CCBSL-300 300X150X2	300	12"	150	6"	2	2/6968	6,73	2/16686	6,23	2/15275	6,23
CCBSL-300 450X150X2	450	18"	150	6"	2	2/15252	7,26	2/16687	6,71	2/15276	6,71
CCBSL-300 600X150X2	600	24"	150	6"	2	2/6970	7,78	2/16688	7,20	2/15277	7,20
CCBSL-300 750X150X2	750	30"	150	6"	2	2/15253	9,03	2/16689	8,35	2/15278	8,35
CCBSL-300 900X150X2	900	36"	150	6"	2	2/15254	9,70	2/16690	8,97	2/15279	8,97

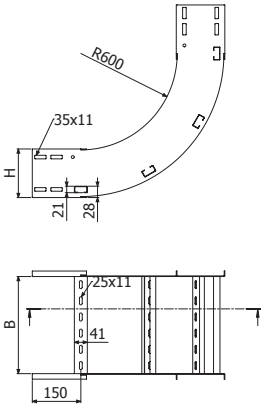


2 x JUBSL

CCBSL-600



	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CCBSL-600 100X75X1,5	100	4"	75	3"	1,5	2/16791	3,46	2/16916	3,14	2/17041	3,14
CCBSL-600 150X75X1,5	150	6"	75	3"	1,5	2/16792	3,89	2/16917	3,53	2/17042	3,53
CCBSL-600 300X75X1,5	300	12"	75	3"	1,5	2/16793	5,17	2/16918	4,70	2/17043	4,70
CCBSL-600 450X75X1,5	450	18"	75	3"	1,5	2/16794	6,46	2/16919	5,87	2/17044	5,87
CCBSL-600 600X75X1,5	600	24"	75	3"	1,5	2/16795	7,75	2/16920	7,04	2/17045	7,04
CCBSL-600 750X75X1,5	750	30"	75	3"	1,5	2/16796	9,04	2/16921	8,21	2/17046	8,21
CCBSL-600 900X75X1,5	900	36"	75	3"	1,5	2/16797	10,32	2/16922	9,38	2/17047	9,38
CCBSL-600 150X100X1,5	150	6"	100	4"	1,5	2/16798	5,20	2/16923	4,68	2/17048	4,68
CCBSL-600 300X100X1,5	300	12"	100	4"	1,5	2/16799	5,72	2/16924	5,15	2/17049	5,15
CCBSL-600 450X100X1,5	450	18"	100	4"	1,5	2/16800	6,25	2/16925	5,62	2/17050	5,62
CCBSL-600 600X100X1,5	600	24"	100	4"	1,5	2/16801	6,77	2/16926	6,09	2/17051	6,09
CCBSL-600 750X100X1,5	750	30"	100	4"	1,5	2/16802	7,30	2/16927	6,57	2/17052	6,57
CCBSL-600 900X100X1,5	900	36"	100	4"	1,5	2/16803	7,82	2/16928	7,04	2/17053	7,04
CCBSL-600 150X125X2	150	6"	125	5"	2	2/16804	7,88	2/16929	7,29	2/17054	7,29
CCBSL-600 300X125X2	300	12"	125	5"	2	2/16805	8,40	2/16930	7,77	2/17055	7,77
CCBSL-600 450X125X2	450	18"	125	5"	2	2/16806	8,93	2/16931	8,26	2/17056	8,26
CCBSL-600 600X125X2	600	24"	125	5"	2	2/16807	9,45	2/16932	8,74	2/17057	8,74
CCBSL-600 750X125X2	750	30"	125	5"	2	2/16808	10,71	2/16933	9,90	2/17058	9,90
CCBSL-600 900X125X2	900	36"	125	5"	2	2/16809	11,37	2/16934	10,52	2/17059	10,52
CCBSL-600 150X150X2	150	6"	150	6"	2	2/16810	9,07	2/16935	8,39	2/17060	8,39
CCBSL-600 300X150X2	300	12"	150	6"	2	2/16811	9,60	2/16936	8,88	2/17061	8,88
CCBSL-600 450X150X2	450	18"	150	6"	2	2/16812	10,12	2/16937	9,36	2/17062	9,36
CCBSL-600 600X150X2	600	24"	150	6"	2	2/16813	10,64	2/16938	9,85	2/17063	9,85
CCBSL-600 750X150X2	750	30"	150	6"	2	2/16814	11,90	2/16939	11,00	2/17064	11,00
CCBSL-600 900X150X2	900	36"	150	6"	2	2/16815	12,57	2/16940	11,62	2/17065	11,62



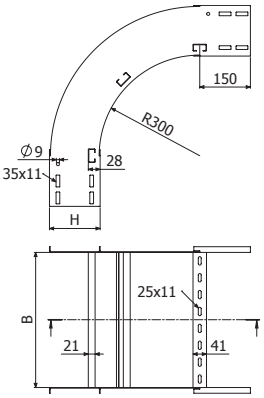
2 x JUBSL

CXBSL-300



	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CXBSL-300 100X75X1,5	100	4”	75	3”	1,5	2/15280	2,26	2/16691	2,05	2/15303	2,05
CXBSL-300 150X75X1,5	150	6”	75	3”	1,5	2/15281	2,52	2/16692	2,29	2/15304	2,29
CXBSL-300 300X75X1,5	300	12”	75	3”	1,5	2/15282	3,29	2/16693	2,99	2/15305	2,99
CXBSL-300 450X75X1,5	450	18”	75	3”	1,5	2/15283	4,06	2/16694	3,69	2/15306	3,69
CXBSL-300 600X75X1,5	600	24”	75	3”	1,5	2/15284	4,83	2/16695	4,39	2/15307	4,39
CXBSL-300 750X75X1,5	750	30”	75	3”	1,5	2/15285	5,60	2/16696	5,09	2/15308	5,09
CXBSL-300 900X75X1,5	900	36”	75	3”	1,5	2/15286	6,38	2/16697	5,80	2/15309	5,80
CXBSL-300 150X100X1,5	150	6”	100	4”	1,5	2/15287	3,62	2/16698	3,25	2/15310	3,25
CXBSL-300 300X100X1,5	300	12”	100	4”	1,5	2/15288	4,14	2/16699	3,73	2/15311	3,73
CXBSL-300 450X100X1,5	450	18”	100	4”	1,5	2/15289	4,66	2/16700	4,20	2/15312	4,20
CXBSL-300 600X100X1,5	600	24”	100	4”	1,5	2/15290	5,19	2/16701	4,67	2/15313	4,67
CXBSL-300 750X100X1,5	750	30”	100	4”	1,5	2/15291	5,71	2/16702	5,14	2/15314	5,14
CXBSL-300 900X100X1,5	900	36”	100	4”	1,5	2/15292	6,24	2/16703	5,61	2/15315	5,61
CXBSL-300 150X125X2	150	6”	125	5”	2	2/15293	5,39	2/16704	4,99	2/15316	4,99
CXBSL-300 300X125X2	300	12”	125	5”	2	2/15294	5,92	2/16705	5,47	2/15317	5,47
CXBSL-300 450X125X2	450	18”	125	5”	2	2/15295	6,44	2/16706	5,96	2/15318	5,96
CXBSL-300 600X125X2	600	24”	125	5”	2	2/15296	6,96	2/16707	6,44	2/15319	6,44
CXBSL-300 750X125X2	750	30”	125	5”	2	2/15297	8,22	2/16708	7,60	2/15320	7,60
CXBSL-300 900X125X2	900	36”	125	5”	2	2/15298	8,89	2/16709	8,22	2/15321	8,22
CXBSL-300 150X150X2	150	6”	150	6”	2	2/15299	6,21	2/16710	5,74	2/15322	5,74
CXBSL-300 300X150X2	300	12”	150	6”	2	2/6974	6,73	2/16711	6,23	2/15323	6,23
CXBSL-300 450X150X2	450	18”	150	6”	2	2/15300	7,26	2/16712	6,71	2/15324	6,71
CXBSL-300 600X150X2	600	24”	150	6”	2	2/6976	7,78	2/16713	7,20	2/15325	7,20
CXBSL-300 750X150X2	750	30”	150	6”	2	2/15301	9,03	2/16714	8,35	2/15326	8,35
CXBSL-300 900X150X2	900	36”	150	6”	2	2/15302	9,70	2/16715	8,97	2/15327	8,97

2 x JUBSL

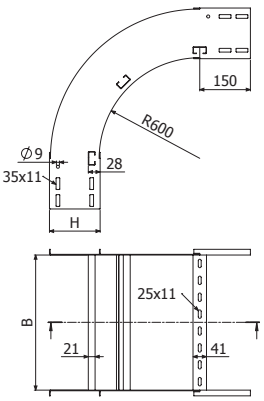


CXBSL-600

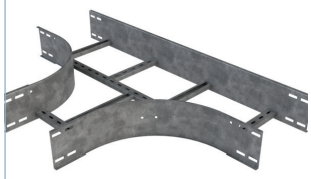


	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CXBSL-600 100X75X1,5	100	4”	75	3”	1,5	2/16816	3,46	2/16941	3,14	2/17066	3,14
CXBSL-600 150X75X1,5	150	6”	75	3”	1,5	2/16817	3,89	2/16942	3,53	2/17067	3,53
CXBSL-600 300X75X1,5	300	12”	75	3”	1,5	2/16818	5,17	2/16943	4,70	2/17068	4,70
CXBSL-600 450X75X1,5	450	18”	75	3”	1,5	2/16819	6,46	2/16944	5,87	2/17069	5,87
CXBSL-600 600X75X1,5	600	24”	75	3”	1,5	2/16820	7,75	2/16945	7,04	2/17070	7,04
CXBSL-600 750X75X1,5	750	30”	75	3”	1,5	2/16821	9,04	2/16946	8,21	2/17071	8,21
CXBSL-600 900X75X1,5	900	36”	75	3”	1,5	2/16822	10,32	2/16947	9,38	2/17072	9,38
CXBSL-600 150X100X1,5	150	6”	100	4”	1,5	2/16823	5,20	2/16948	4,68	2/17073	4,68
CXBSL-600 300X100X1,5	300	12”	100	4”	1,5	2/16824	5,72	2/16949	5,15	2/17074	5,15
CXBSL-600 450X100X1,5	450	18”	100	4”	1,5	2/16825	6,25	2/16950	5,62	2/17075	5,62
CXBSL-600 600X100X1,5	600	24”	100	4”	1,5	2/16826	6,77	2/16951	6,09	2/17076	6,09
CXBSL-600 750X100X1,5	750	30”	100	4”	1,5	2/16827	7,30	2/16952	6,57	2/17077	6,57
CXBSL-600 900X100X1,5	900	36”	100	4”	1,5	2/16828	7,82	2/16953	7,04	2/17078	7,04
CXBSL-600 150X125X2	150	6”	125	5”	2	2/16829	7,88	2/16954	7,29	2/17079	7,29
CXBSL-600 300X125X2	300	12”	125	5”	2	2/16830	8,40	2/16955	7,77	2/17080	7,77
CXBSL-600 450X125X2	450	18”	125	5”	2	2/16831	8,93	2/16956	8,26	2/17081	8,26
CXBSL-600 600X125X2	600	24”	125	5”	2	2/16832	9,45	2/16957	8,74	2/17082	8,74
CXBSL-600 750X125X2	750	30”	125	5”	2	2/16833	10,71	2/16958	9,90	2/17083	9,90
CXBSL-600 900X125X2	900	36”	125	5”	2	2/16834	11,37	2/16959	10,52	2/17084	10,52
CXBSL-600 150X150X2	150	6”	150	6”	2	2/16835	9,07	2/16960	8,39	2/17085	8,39
CXBSL-600 300X150X2	300	12”	150	6”	2	2/16836	9,60	2/16961	8,88	2/17086	8,88
CXBSL-600 450X150X2	450	18”	150	6”	2	2/16837	10,12	2/16962	9,36	2/17087	9,36
CXBSL-600 600X150X2	600	24”	150	6”	2	2/16838	10,64	2/16963	9,85	2/17088	9,85
CXBSL-600 750X150X2	750	30”	150	6”	2	2/16839	11,90	2/16964	11,00	2/17089	11,00
CXBSL-600 900X150X2	900	36”	150	6”	2	2/16840	12,57	2/16965	11,62	2/17090	11,62

2 x JUBSL

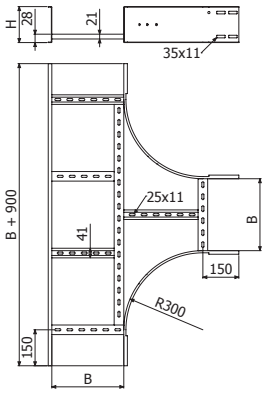


TEBSL-300

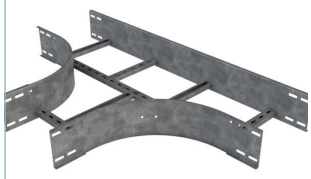


	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TEBSL-300 100X75X1,5	100	4”	75	3”	1,5	2/15328	6,82	2/16716	6,20	2/15351	6,20
TEBSL-300 150X75X1,5	150	6”	75	3”	1,5	2/15329	7,34	2/16717	6,67	2/15352	6,67
TEBSL-300 300X75X1,5	300	12”	75	3”	1,5	2/15330	9,01	2/16718	8,19	2/15353	8,19
TEBSL-300 450X75X1,5	450	18”	75	3”	1,5	2/15331	10,85	2/16719	9,86	2/15354	9,86
TEBSL-300 600X75X1,5	600	24”	75	3”	1,5	2/15332	12,85	2/16720	11,68	2/15355	11,68
TEBSL-300 750X75X1,5	750	30”	75	3”	1,5	2/15333	15,05	2/16721	13,68	2/15356	13,68
TEBSL-300 900X75X1,5	900	36”	75	3”	1,5	2/15334	17,40	2/16722	15,81	2/15357	15,81
TEBSL-300 150X100X1,5	150	6”	100	4”	1,5	2/15335	7,85	2/16723	7,06	2/15358	7,06
TEBSL-300 300X100X1,5	300	12”	100	4”	1,5	2/15336	9,55	2/16724	8,60	2/15359	8,60
TEBSL-300 450X100X1,5	450	18”	100	4”	1,5	2/15337	11,44	2/16725	10,29	2/15360	10,29
TEBSL-300 600X100X1,5	600	24”	100	4”	1,5	2/15338	13,50	2/16726	12,15	2/15361	12,15
TEBSL-300 750X100X1,5	750	30”	100	4”	1,5	2/15339	15,73	2/16727	14,15	2/15362	14,15
TEBSL-300 900X100X1,5	900	36”	100	4”	1,5	2/15340	18,13	2/16728	16,32	2/15363	16,32
TEBSL-300 150X125X2	150	6”	125	5”	2	2/15341	9,73	2/16729	9,00	2/15364	9,00
TEBSL-300 300X125X2	300	12”	125	5”	2	2/15342	11,48	2/16730	10,62	2/15365	10,62
TEBSL-300 450X125X2	450	18”	125	5”	2	2/15343	13,40	2/16731	12,40	2/15366	12,40
TEBSL-300 600X125X2	600	24”	125	5”	2	2/15344	15,50	2/16732	14,33	2/15367	14,33
TEBSL-300 750X125X2	750	30”	125	5”	2	2/15345	21,61	2/16733	19,99	2/15368	19,99
TEBSL-300 900X125X2	900	36”	125	5”	2	2/15346	24,75	2/16734	22,90	2/15369	22,90
TEBSL-300 150X150X2	150	6”	150	6”	2	2/15347	10,71	2/16735	9,91	2/15370	9,91
TEBSL-300 300X150X2	300	12”	150	6”	2	2/6980	12,50	2/16736	11,57	2/15371	11,57
TEBSL-300 450X150X2	450	18”	150	6”	2	2/15348	14,47	2/16737	13,38	2/15372	13,38
TEBSL-300 600X150X2	600	24”	150	6”	2	2/6982	16,61	2/16738	15,36	2/15373	15,36
TEBSL-300 750X150X2	750	30”	150	6”	2	2/15349	22,95	2/16739	21,23	2/15374	21,23
TEBSL-300 900X150X2	900	36”	150	6”	2	2/15350	26,15	2/16740	24,19	2/15375	24,19

2 x JUBSL

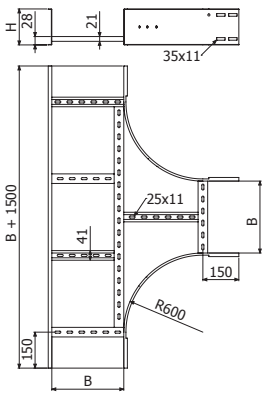


TEBSL-600

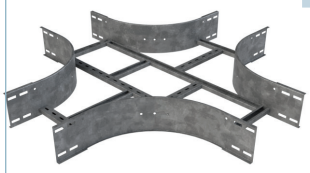


	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TEBSL-600 100X75X1,5	100	4”	75	3”	1,5	2/16841	10,26	2/16966	9,32	2/17091	9,32
TEBSL-600 150X75X1,5	150	6”	75	3”	1,5	2/16842	10,89	2/16967	9,90	2/17092	9,90
TEBSL-600 300X75X1,5	300	12”	75	3”	1,5	2/16843	12,90	2/16968	11,72	2/17093	11,72
TEBSL-600 450X75X1,5	450	18”	75	3”	1,5	2/16844	15,09	2/16969	13,71	2/17094	13,71
TEBSL-600 600X75X1,5	600	24”	75	3”	1,5	2/16845	17,45	2/16970	15,86	2/17095	15,86
TEBSL-600 750X75X1,5	750	30”	75	3”	1,5	2/16846	19,98	2/16971	18,16	2/17096	18,16
TEBSL-600 900X75X1,5	900	36”	75	3”	1,5	2/16847	22,69	2/16972	20,62	2/17097	20,62
TEBSL-600 150X100X1,5	150	6”	100	4”	1,5	2/16848	12,10	2/16973	10,89	2/17098	10,89
TEBSL-600 300X100X1,5	300	12”	100	4”	1,5	2/16849	14,15	2/16974	12,74	2/17099	12,74
TEBSL-600 450X100X1,5	450	18”	100	4”	1,5	2/16850	16,39	2/16975	14,75	2/17100	14,75
TEBSL-600 600X100X1,5	600	24”	100	4”	1,5	2/16851	18,79	2/16976	16,91	2/17101	16,91
TEBSL-600 750X100X1,5	750	30”	100	4”	1,5	2/16852	21,37	2/16977	19,24	2/17102	19,24
TEBSL-600 900X100X1,5	900	36”	100	4”	1,5	2/16853	24,13	2/16978	21,72	2/17103	21,72
TEBSL-600 150X125X2	150	6”	125	5”	2	2/16854	15,10	2/16979	13,97	2/17104	13,97
TEBSL-600 300X125X2	300	12”	125	5”	2	2/16855	17,20	2/16980	15,91	2/17105	15,91
TEBSL-600 450X125X2	450	18”	125	5”	2	2/16856	19,47	2/16981	18,01	2/17106	18,01
TEBSL-600 600X125X2	600	24”	125	5”	2	2/16857	21,91	2/16982	20,27	2/17107	20,27
TEBSL-600 750X125X2	750	30”	125	5”	2	2/16858	29,52	2/16983	27,31	2/17108	27,31
TEBSL-600 900X125X2	900	36”	125	5”	2	2/16859	33,11	2/16984	30,63	2/17109	30,63
TEBSL-600 150X150X2	150	6”	150	6”	2	2/16860	16,64	2/16985	15,39	2/17110	15,39
TEBSL-600 300X150X2	300	12”	150	6”	2	2/16861	18,78	2/16986	17,37	2/17111	17,37
TEBSL-600 450X150X2	450	18”	150	6”	2	2/16862	21,09	2/16987	19,51	2/17112	19,51
TEBSL-600 600X150X2	600	24”	150	6”	2	2/16863	23,58	2/16988	21,81	2/17113	21,81
TEBSL-600 750X150X2	750	30”	150	6”	2	2/16864	31,48	2/16989	29,12	2/17114	29,12
TEBSL-600 900X150X2	900	36”	150	6”	2	2/16865	35,13	2/16990	32,49	2/17115	32,49

2 x JUBSL

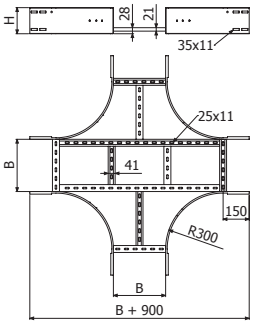


CRBSL-300

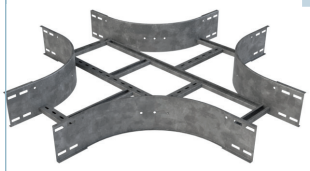


	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CRBSL-300 100X75X1,5	100	4”	75	3”	1,5	2/15376	8,24	2/16741	7,49	2/15399	7,49
CRBSL-300 150X75X1,5	150	6”	75	3”	1,5	2/15377	8,78	2/16742	7,98	2/15400	7,98
CRBSL-300 300X75X1,5	300	12”	75	3”	1,5	2/15378	10,51	2/16743	9,55	2/15401	9,55
CRBSL-300 450X75X1,5	450	18”	75	3”	1,5	2/15379	12,41	2/16744	11,28	2/15402	11,28
CRBSL-300 600X75X1,5	600	24”	75	3”	1,5	2/15380	14,48	2/16745	13,16	2/15403	13,16
CRBSL-300 750X75X1,5	750	30”	75	3”	1,5	2/15381	16,72	2/16746	15,20	2/15404	15,20
CRBSL-300 900X75X1,5	900	36”	75	3”	1,5	2/15382	19,14	2/16747	17,40	2/15405	17,40
CRBSL-300 150X100X1,5	150	6”	100	4”	1,5	2/15383	9,78	2/16748	8,80	2/15406	8,80
CRBSL-300 300X100X1,5	300	12”	100	4”	1,5	2/15384	11,53	2/16749	10,37	2/15407	10,37
CRBSL-300 450X100X1,5	450	18”	100	4”	1,5	2/15385	13,45	2/16750	12,10	2/15408	12,10
CRBSL-300 600X100X1,5	600	24”	100	4”	1,5	2/15386	15,54	2/16751	13,99	2/15409	13,99
CRBSL-300 750X100X1,5	750	30”	100	4”	1,5	2/15387	17,81	2/16752	16,03	2/15410	16,03
CRBSL-300 900X100X1,5	900	36”	100	4”	1,5	2/15388	20,26	2/16753	18,23	2/15411	18,23
CRBSL-300 150X125X2	150	6”	125	5”	2	2/15389	12,95	2/16754	11,98	2/15412	11,98
CRBSL-300 300X125X2	300	12”	125	5”	2	2/15390	14,70	2/16755	13,60	2/15413	13,60
CRBSL-300 450X125X2	450	18”	125	5”	2	2/15391	16,62	2/16756	15,37	2/15414	15,37
CRBSL-300 600X125X2	600	24”	125	5”	2	2/15392	18,71	2/16757	17,31	2/15415	17,31
CRBSL-300 750X125X2	750	30”	125	5”	2	2/15393	24,16	2/16758	22,35	2/15416	22,35
CRBSL-300 900X125X2	900	36”	125	5”	2	2/15394	27,28	2/16759	25,24	2/15417	25,24
CRBSL-300 150X150X2	150	6”	150	6”	2	2/15395	14,19	2/16760	13,12	2/15418	13,12
CRBSL-300 300X150X2	300	12”	150	6”	2	2/6986	15,93	2/16761	14,74	2/15419	14,74
CRBSL-300 450X150X2	450	18”	150	6”	2	2/15396	17,85	2/16762	16,51	2/15420	16,51
CRBSL-300 600X150X2	600	24”	150	6”	2	2/6988	19,95	2/16763	18,45	2/15421	18,45
CRBSL-300 750X150X2	750	30”	150	6”	2	2/15397	25,39	2/16764	23,49	2/15422	23,49
CRBSL-300 900X150X2	900	36”	150	6”	2	2/15398	28,52	2/16765	26,38	2/15423	26,38

2 x JUBSL

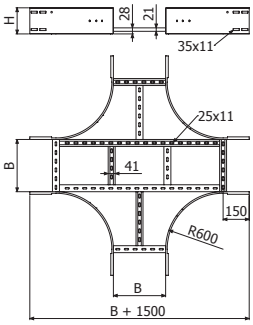


CRBSL-600

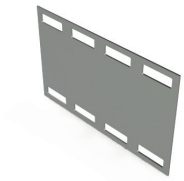


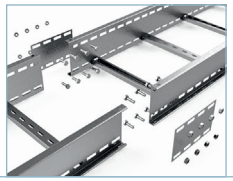
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CRBSL-600 100X75X1,5	100	4”	75	3”	1,5	2/16866	13,23	2/16991	12,02	2/17116	12,02
CRBSL-600 150X75X1,5	150	6”	75	3”	1,5	2/16867	13,88	2/16992	12,61	2/17117	12,61
CRBSL-600 300X75X1,5	300	12”	75	3”	1,5	2/16868	15,95	2/16993	14,50	2/17118	14,50
CRBSL-600 450X75X1,5	450	18”	75	3”	1,5	2/16869	18,20	2/16994	16,54	2/17119	16,54
CRBSL-600 600X75X1,5	600	24”	75	3”	1,5	2/16870	20,62	2/16995	18,74	2/17120	18,74
CRBSL-600 750X75X1,5	750	30”	75	3”	1,5	2/16871	23,21	2/16996	21,10	2/17121	21,10
CRBSL-600 900X75X1,5	900	36”	75	3”	1,5	2/16872	25,98	2/16997	23,61	2/17122	23,61
CRBSL-600 150X100X1,5	150	6”	100	4”	1,5	2/16873	15,44	2/16998	13,90	2/17123	13,90
CRBSL-600 300X100X1,5	300	12”	100	4”	1,5	2/16874	17,53	2/16999	15,78	2/17124	15,78
CRBSL-600 450X100X1,5	450	18”	100	4”	1,5	2/16875	19,80	2/17000	17,82	2/17125	17,82
CRBSL-600 600X100X1,5	600	24”	100	4”	1,5	2/16876	22,25	2/17001	20,02	2/17126	20,02
CRBSL-600 750X100X1,5	750	30”	100	4”	1,5	2/16877	24,87	2/17002	22,38	2/17127	22,38
CRBSL-600 900X100X1,5	900	36”	100	4”	1,5	2/16878	27,66	2/17003	24,90	2/17128	24,90
CRBSL-600 150X125X2	150	6”	125	5”	2	2/16879	20,55	2/17004	19,01	2/17129	19,01
CRBSL-600 300X125X2	300	12”	125	5”	2	2/16880	22,64	2/17005	20,95	2/17130	20,95
CRBSL-600 450X125X2	450	18”	125	5”	2	2/16881	24,91	2/17006	23,04	2/17131	23,04
CRBSL-600 600X125X2	600	24”	125	5”	2	2/16882	27,36	2/17007	25,31	2/17132	25,31
CRBSL-600 750X125X2	750	30”	125	5”	2	2/16883	34,03	2/17008	31,47	2/17133	31,47
CRBSL-600 900X125X2	900	36”	125	5”	2	2/16884	37,60	2/17009	34,78	2/17134	34,78
CRBSL-600 150X150X2	150	6”	150	6”	2	2/16885	22,54	2/17010	20,85	2/17135	20,85
CRBSL-600 300X150X2	300	12”	150	6”	2	2/16886	24,63	2/17011	22,78	2/17136	22,78
CRBSL-600 450X150X2	450	18”	150	6”	2	2/16887	26,90	2/17012	24,88	2/17137	24,88
CRBSL-600 600X150X2	600	24”	150	6”	2	2/16888	29,35	2/17013	27,14	2/17138	27,14
CRBSL-600 750X150X2	750	30”	150	6”	2	2/16889	36,01	2/17014	33,31	2/17139	33,31
CRBSL-600 900X150X2	900	36”	150	6”	2	2/16890	39,59	2/17015	36,62	2/17140	36,62

2 x JUBSL



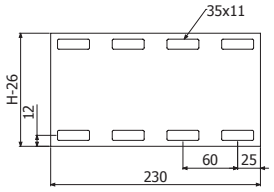
JUBSL





	e	GC		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBSL 75	2	2/15424	0,14	2/18509	0,13	2/15433	0,13
JUBSL 100	2	2/15425	0,24	2/15065	0,22	2/15434	0,22
JUBSL 125	2	2/15426	0,32	2/15476	0,30	2/15435	0,30
JUBSL 150	2	2/6445	0,40	2/15539	0,37	2/15436	0,37

8/100 x B3 (2/8827 - GC // 2/12096-i304 // 2/15575-i316)

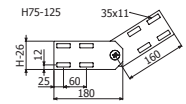


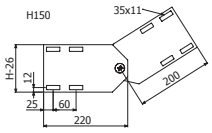
JUBSL-A



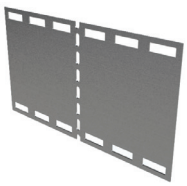
	e	GC		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBSL-A 75	2	2/15427	0,25	2/18510	0,23	2/15437	0,23
JUBSL-A 100	2	2/15428	0,42	2/15540	0,39	2/15438	0,39
JUBSL-A 125	2	2/15429	0,56	2/15541	0,52	2/15439	0,52
JUBSL-A 150	2	2/6447	0,70	2/15542	0,65	2/15440	0,65

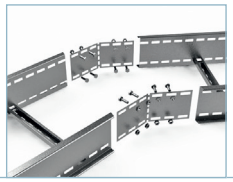
8/100 x B3 (2/8827 - GC // 2/12096-i304 // 2/15575-i316)





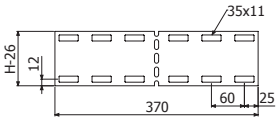
JUBSL-B





	e	GC		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBSL-B 75	2	2/15430	0,22	2/18511	0,21	2/15441	0,21
JUBSL-B 100	2	2/15431	0,37	2/15543	0,34	2/15442	0,34
JUBSL-B 125	2	2/15432	0,50	2/15550	0,46	2/15443	0,46
JUBSL-B 150	2	2/6449	0,62	2/15551	0,57	2/15444	0,57

8/100 x B3 (2/8827 - GC // 2/12096-i304 // 2/15575-i316)

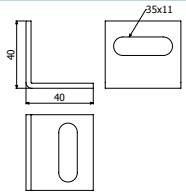


BBSL

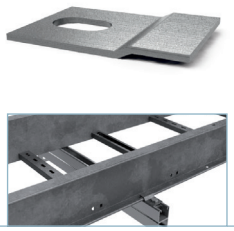


	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
BBSL 10	2/0855	0,08	2/18591	0,08	2/11311	0,08

SP/SPD --> DIN933 M10X30 (0/0320 - i304 // 2/17600-i316) + TM41 M10 (2/17584 - GC // 2/17612-i316) + DIN125 M10 (2/17542-i304)

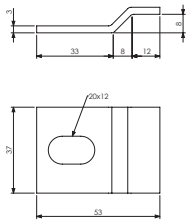


BBSLR



	GC		i304		i316	
	REF.	kg/udd	REF.	kg/ud	REF.	kg/ud
BBSLR 12	2/10267	0,04	2/18575	0,04	2/18592	0,04

SP/SPD --> DIN933 M10X30 (2/17547 - i304) + TM41 M10 (2/17584 - GC)



PVTBSL-E60

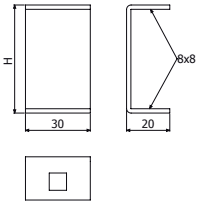


	Pap	H		i304	
	Nm	mm	inch	REF.	kg/ud
PVTBSL-E60	6	60	2 3/8"	2/18533	0,06

PVTBSL-E60 + 2/100 x B1 (2/4925) -->

4 x PVTBSL-E60 --> 1 x TCCBSL / TCXBSL

10

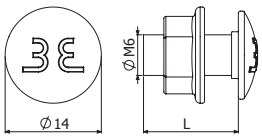


B1



	L	Pap	GC		i304	
	mm	Nm	REF.	kg/ud	REF.	kg/ud
B1-100	14	6	2/6826	0,80	-	-
B1-100	20	6	-	-	2/4925	0,79

10

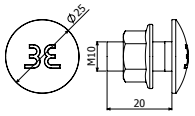


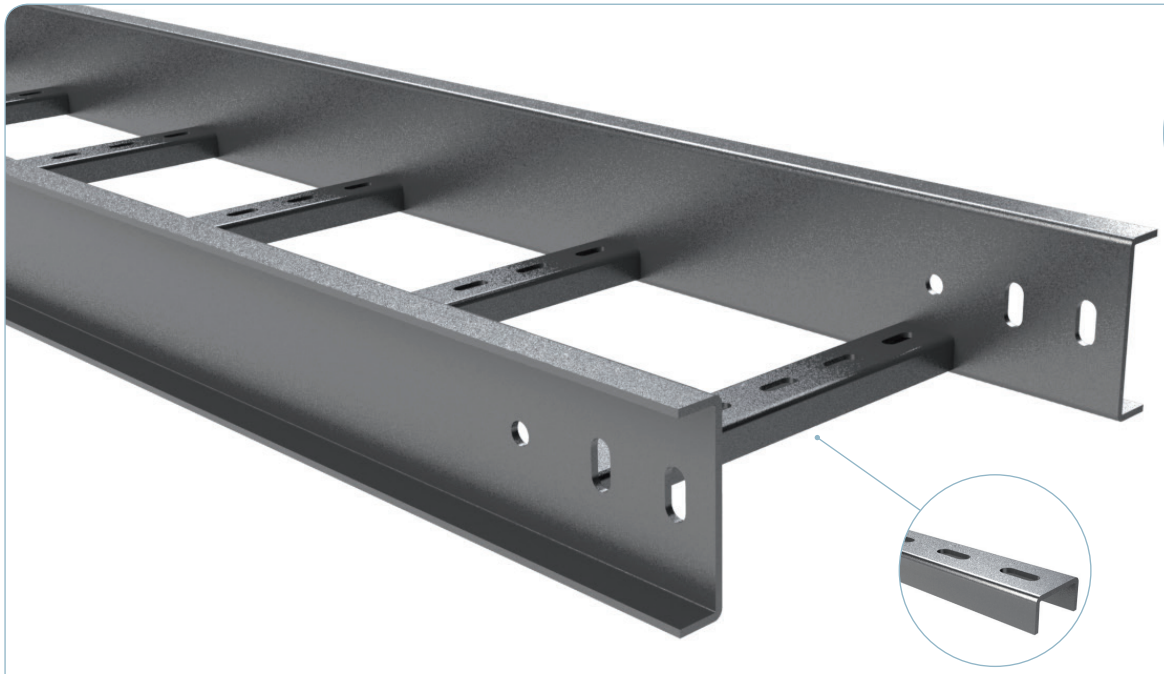
B3

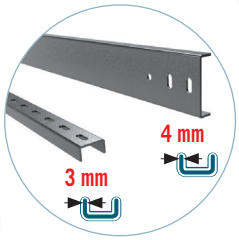


	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
B3-50	2/8827	1,95	2/12096	1,80	2/15575	1,80

15









L > 100 m * UNE-EN 61537

M0 UNE-EN 61537

150C -50C UNE-EN 61537

8 UNE-EN 61537

20J UNE-EN 61537


CPRP-300


CCRP-300


CXRP-300

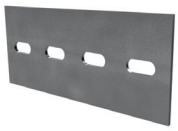

TERP-300

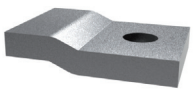

CRRP-300


RCRP


RIRP


RDRP


JURP


BRP


B3


CT3

B		Filling Area					
		H70 (2 3/4")		H100 (4")		H120 (4 5/7")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
100	4"	**46**	7,1	-	-	-	-
200	8"	**92**	14,3	-	-	-	-
300	12"	-	-	**228**	35,3	-	-
400	16"	-	-	**304**	47,1	-	-
600	24"	-	-	**456**	70,7	**576**	89,3

RP

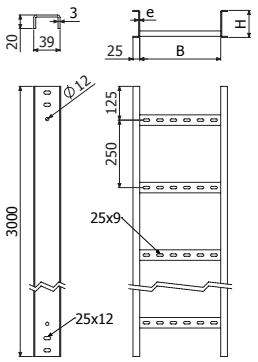


L = 3 m (10 ft)

	B		H		e	d=3m	GC80	
	mm	inch	mm	inch	mm	CTA (kg/m)	REF.	kg/m
RP 100x70x4-250 3M	100	4''	70	2 3/4"	4	218	2/5648	7,42
RP 200x70x4-250 3M	200	8''	70	2 3/4"	4	218	2/5114	8,12
RP 300x100x4-250 3M	300	12''	100	4"	4	372	2/3595	10,77
RP 400x100x4-250 3M	400	16''	100	4"	4	372	2/3596	11,45
RP 600x100x4-250 3M	600	24''	100	4"	4	372	2/3597	12,85
RP 600x120x4-250 3M	600	24''	120	4 5/7"	4	492	2/3598	14,15

2 x JURP

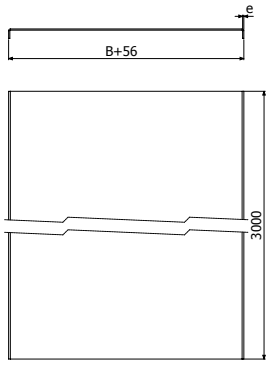
CTA



TRP

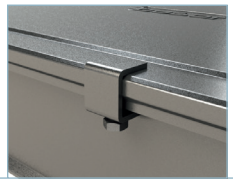


	B		e	GC80	
	mm	inch	mm	REF.	kg/m
TRP 100x2 3M	100	4"	2	2/3268	3,00
TRP 200x2 3M	200	8"	2	2/3269	4,65
TRP 300x2 3M	300	12"	2	2/3270	6,30
TRP 400x2 3M	400	16"	2	2/5852	7,95
TRP 600x2 3M	600	24"	2	2/5853	11,24



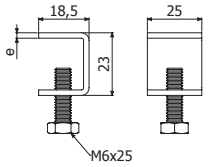
PTFE





	Pap	e	i304	
	Nm	mm	REF.	kg/ud
PTFE	6	2	2/7054	0,02

4 x PTFE --> 1 x TFE

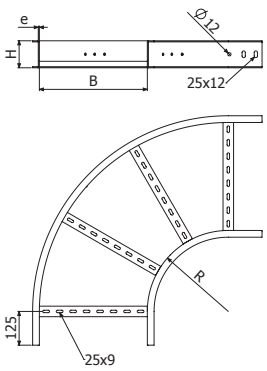


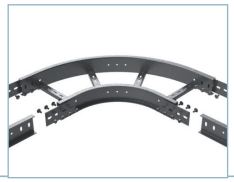
CPRP-300



	B		H		e	R	GC80	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
CPRP-300 100x70x4	100	4"	70	2 3/4"	4	300	2/5650	6,11
CPRP-300 200x70x4	200	8"	70	2 3/4"	4	300	2/5649	10,06
CPRP-300 300x100x4	300	12"	100	4"	4	300	2/3544	10,39
CPRP-300 400x100x4	400	16"	100	4"	4	300	2/3545	11,72
CPRP-300 600x100x4	600	24"	100	4"	4	300	2/5496	15,52
CPRP-300 600x120x4	600	24"	120	4 5/7"	4	300	2/3546	17,06

2 x JURP

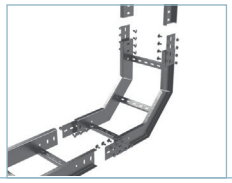




CCRP-300

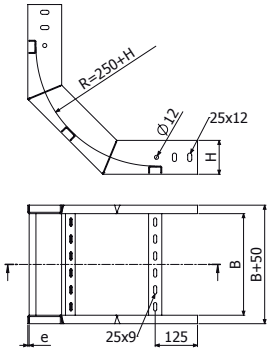






	B		H		e	GC80	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCRP-300 100x70x4	100	4''	70	2 3/4"	4	2/5836	5,86
CCRP-300 200x70x4	200	8''	70	2 3/4"	4	2/5837	6,36
CCRP-300 300x100x4	300	12''	100	4"	4	2/5838	8,55
CCRP-300 400x100x4	400	16''	100	4"	4	2/5608	9,04
CCRP-300 600x100x4	600	24''	100	4"	4	2/5498	10,02
CCRP-300 600x120x4	600	24''	120	4 5/7"	4	2/5163	11,29

2 x JURP



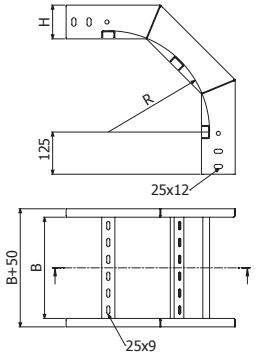
CXRP-300





	B		H		e	R	GC80	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
CXRP-300 100x70x4	100	4''	70	2 3/4"	4	300	2/5840	5,86
CXRP-300 200x70x4	200	8''	70	2 3/4"	4	300	2/5841	6,36
CXRP-300 300x100x4	300	12''	100	4"	4	300	2/5116	8,55
CXRP-300 400x100x4	400	16''	100	4"	4	300	2/5611	9,04
CXRP-300 600x100x4	600	24''	100	4"	4	300	2/5497	10,02
CXRP-300 600x120x4	600	24''	120	4 5/7"	4	300	2/5047	11,29

2 x JURP



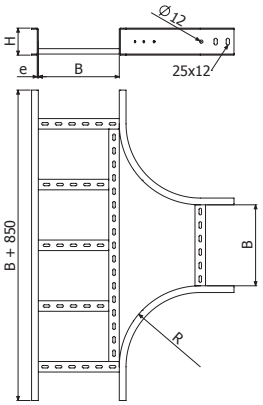
TERP-300





	B		H		e	R	GC80	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
TERP-300 100x70x4	100	4''	70	2 3/4"	4	300	2/5653	10,55
TERP-300 200x70x4	200	8''	70	2 3/4"	4	300	2/5652	12,01
TERP-300 300x100x4	300	12''	100	4"	4	300	2/5651	15,30
TERP-300 400x100x4	400	16''	100	4"	4	300	2/5598	16,80
TERP-300 600x120x4	600	24''	120	4 5/7"	4	300	2/3599	22,47

2 x JURP

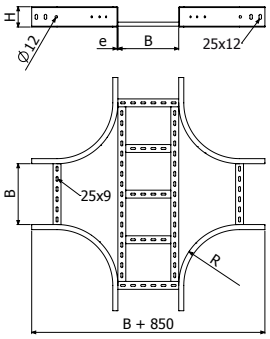


CRRP-300

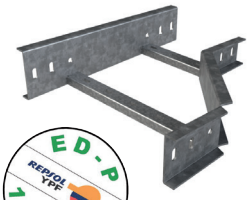


	B		H		e	R	GC80	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
CRRP-300 100x70x4	100	4''	70	2 3/4"	4	300	2/5842	12,41
CRRP-300 200x70x4	200	8''	70	2 3/4"	4	300	2/5655	14,25
CRRP-300 300x100x4	300	12''	100	4"	4	300	2/5654	18,36
CRRP-300 400x100x4	400	16''	100	4"	4	300	2/5599	20,20
CRRP-300 600x120x4	600	24''	120	4 5/7"	4	300	2/3600	25,01

2 x JURP

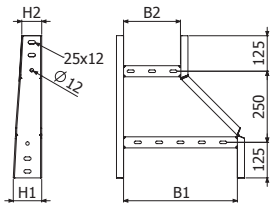


RIRP



	B1		H1		B2		H2		e	GC80	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
RIRP 400X100/200X70X4	400	16"	100	4"	200	8"	70	2 3/4"	4	2/5637	5,07
RIRP 600X120/400X100X4	600	24"	120	4 5/7"	400	16"	100	4"	4	2/5635	6,59

2 x JURP

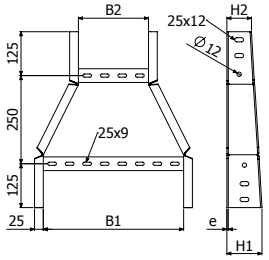


RCRP

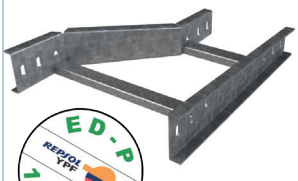


	B1		H1		B2		H2		e	GC80	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
RCRP 200x70x4/100x70x4	200	8"	70	2 3/4"	100	4"	70	2 3/4"	4	2/5843	4,01
RCRP 400x100x4/200x70x4	400	16"	100	4"	200	8"	70	2 3/4"	4	2/5115	5,13
RCRP 600x120x4/400x100x4	600	24"	120	4 5/7"	400	16"	100	4"	4	2/3601	6,64

2 x JURP

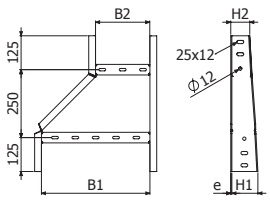


RDRP

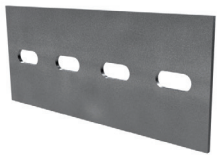


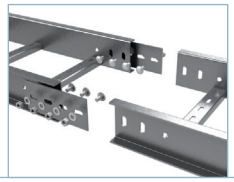
	B1		H1		B2		H2		e	GC80	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
RDRP 400X100/200X70X4	400	16"	100	4"	200	8"	70	2 3/4"	4	2/5636	5,07
RDRP 600X120/400X100X4	600	24"	120	4 5/7"	400	16"	100	4"	4	2/5634	6,59

2 x JURP



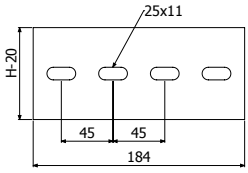
JURP





	H		e	GC80	
	mm	inch	mm	REF.	kg/ud
JURP 70	70	2 3/4"	3	2/5113	0,21
JURP 100/120	100	4"	3	2/3607	0,35

4/100 x CT3 (2/7133-i304)

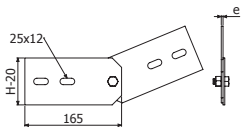


JURP-A

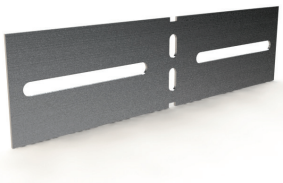


	H		e	GC80	
	mm	inch	mm	REF.	kg/ud
JURP-A 70	70	2 3/4"	3	2/12100	0,36
JURP-A 100/120	100	4"	3	2/5523	0,60

4/100 x CT3 (2/7133-i304)

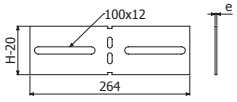


JURP-B

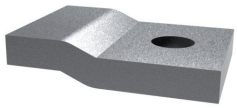


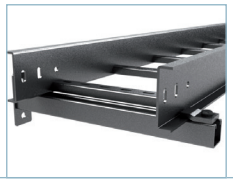
	H		e	GC80	
	mm	inch	mm	REF.	kg/ud
JURP-B 70	70	2 3/4"	3	2/5854	0,26
JURP-B 100/120	100	4"	3	2/5855	0,45

4/100 x CT3 (2/7133-i304)



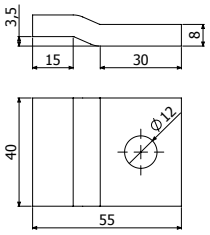
BRP





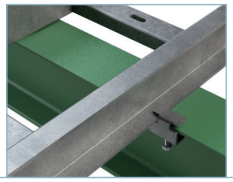
	GC80	
	REF.	kg/ud
BRP	2/5624	0,17

SP/SPD --> DIN933 M10X30 (2/17547 - i304) + TM41 M10 (2/17584 - GC)



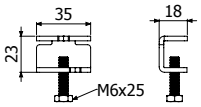
BEV





	H		i304	
	inch	mm	REF.	kg/ud
BEV	6	150	2/14473	0,05

10



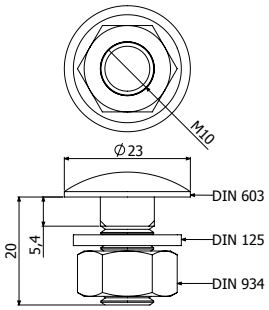
CT3

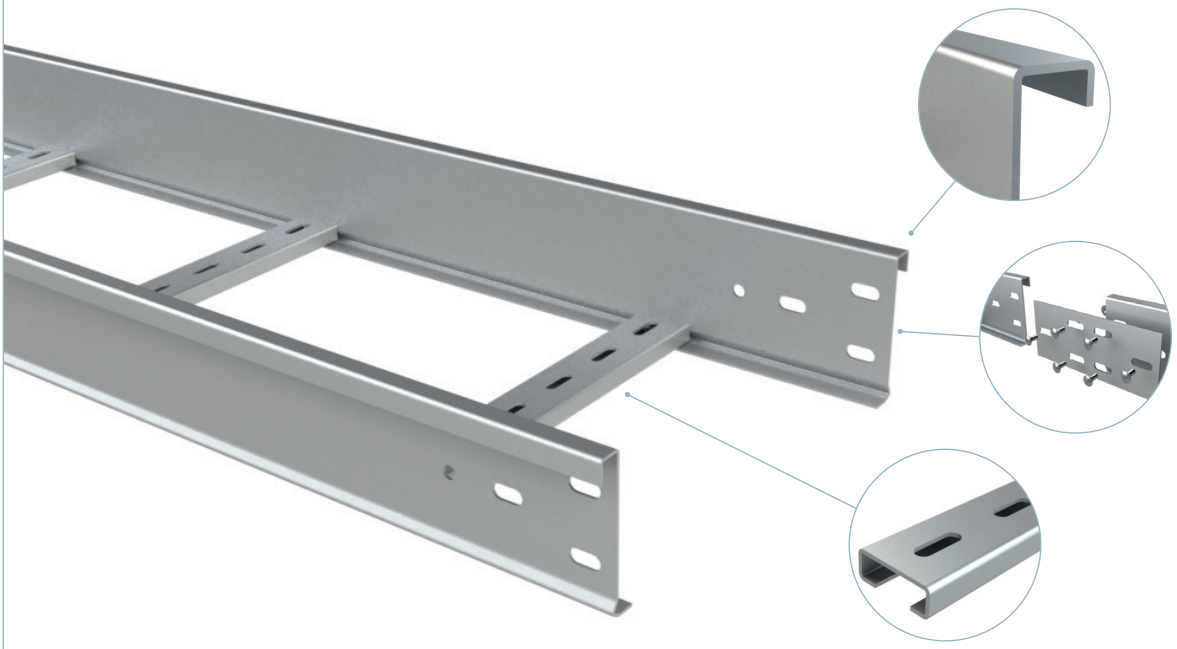




	Pap	i304	
	Nm	REF.	kg/ud
CT3-100 M10X20	35	2/7133	3,47

17





CERTIFIED
SAFETY US
E358301

L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

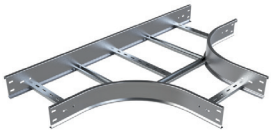
20J
UNE-EN 61537

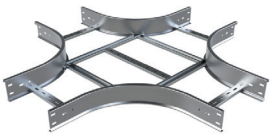
AL x3

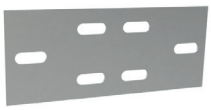

CPF-300


CCF-300


CXF-300


TEF-300


CRF-300


JUF


B1

		Filling Area	
B		H100 (4")	
mm	inch	cm²	in²
100	4"	83	12,9
150	6"	125	19,4
200	8"	166	25,7
300	12"	249	38,6
400	16"	332	51,5
500	20"	415	64,3
600	24"	498	77,2

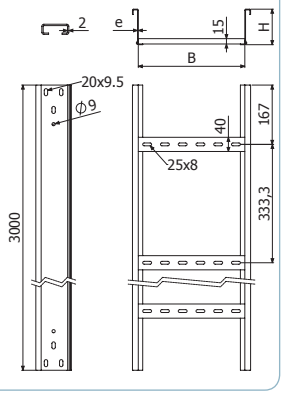
F



L = 3 m (10ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
F 100x100x2-333 3M	100	4"	100	4"	2	2/4523	1,63
F 150x100x2-333 3M	150	6"	100	4"	2	2/4524	1,69
F 200x100x2-333 3M	200	8"	100	4"	2	2/5960	1,75
F 300x100x2-333 3M	300	12"	100	4"	2	2/4525	1,87
F 400x100x2-333 3M	400	16"	100	4"	2	2/14938	1,99
F 500x100x2-333 3M	500	20"	100	4"	2	2/14939	2,11
F 600x100x2-333 3M	600	24"	100	4"	2	2/14940	2,23

2 x JUF 100 (2/4322 - AL)



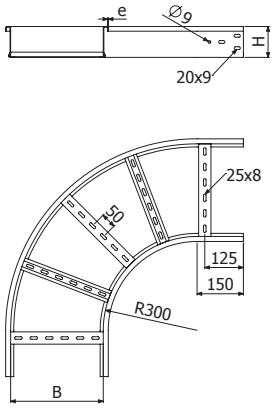
CPF-300





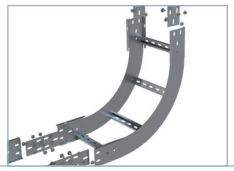
	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CPF-300 100x100x2	100	4"	100	4"	300	12"	2	2/6254	1,47
CPF-300 150x100x2	150	6"	100	4"	300	12"	2	2/4530	1,59
CPF-300 200x100x2	200	8"	100	4"	300	12"	2	2/6344	1,72
CPF-300 300x100x2	300	12"	100	4"	300	12"	2	2/4531	1,97
CPF-300 400x100x2	400	16"	100	4"	300	12"	2	2/17151	2,22
CPF-300 500x100x2	500	20"	100	4"	300	12"	2	2/17152	2,47
CPF-300 600x100x2	600	24"	100	4"	300	12"	2	2/17153	2,72

2 x JUF 100 (2/4322 - AL)



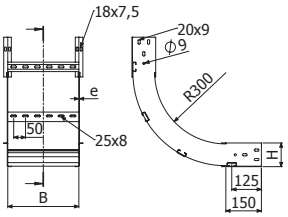
CCF-300





	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CCF-300 100x100x2	100	4"	100	4"	300	12"	2	2/4535	1,25
CCF-300 150x100x2	150	6"	100	4"	300	12"	2	2/4536	1,32
CCF-300 200x100x2	200	8"	100	4"	300	12"	2	2/6207	1,38
CCF-300 300x100x2	300	12"	100	4"	300	12"	2	2/4537	1,50
CCF-300 400x100x2	400	16"	100	4"	300	12"	2	2/17154	1,62
CCF-300 500x100x2	500	20"	100	4"	300	12"	2	2/17155	1,74
CCF-300 600x100x2	600	24"	100	4"	300	12"	2	2/17156	1,86

2 x JUF 100 (2/4322 - AL)

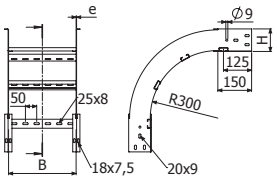


CXF-300

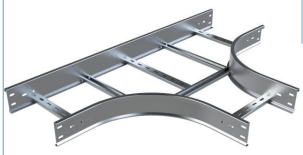


	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CXF-300 100x100x2	100	4"	100	4"	300	12"	2	2/4541	1,25
CXF-300 150x100x2	150	6"	100	4"	300	12"	2	2/4542	1,32
CXF-300 200x100x2	200	8"	100	4"	300	12"	2	2/4709	1,38
CXF-300 300x100x2	300	12"	100	4"	300	12"	2	2/4543	1,50
CXF-300 400x100x2	400	16"	100	4"	300	12"	2	2/17157	1,62
CXF-300 500x100x2	500	20"	100	4"	300	12"	2	2/17158	1,74
CXF-300 600x100x2	600	24"	100	4"	300	12"	2	2/17159	1,86

2 x JUF 100 (2/4322 - AL)

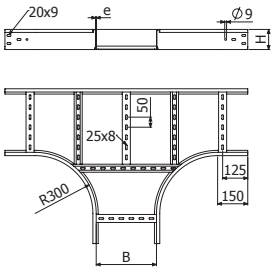


TEF-300



	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
TEF-300 100x100x2	100	4"	100	4"	300	12"	2	2/6024	1,37
TEF-300 150x100x2	150	6"	100	4"	300	12"	2	2/17160	1,49
TEF-300 200x100x2	200	8"	100	4"	300	12"	2	2/17161	1,62
TEF-300 300x100x2	300	12"	100	4"	300	12"	2	2/17162	1,86
TEF-300 400x100x2	400	16"	100	4"	300	12"	2	2/17163	2,10
TEF-300 500x100x2	500	20"	100	4"	300	12"	2	2/17164	2,34
TEF-300 600x100x2	600	24"	100	4"	300	12"	2	2/17165	2,58

2 x JUF 100 (2/4322 - AL)

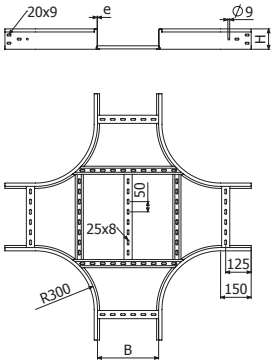


CRF-300

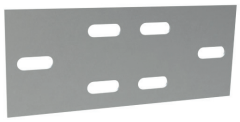


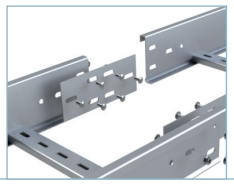
	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CRF-300 100x100x2	100	4"	100	4"	300	12"	2	2/17166	1,75
CRF-300 150x100x2	150	6"	100	4"	300	12"	2	2/17167	1,89
CRF-300 200x100x2	200	8"	100	4"	300	12"	2	2/17168	2,04
CRF-300 300x100x2	300	12"	100	4"	300	12"	2	2/17169	2,32
CRF-300 400x100x2	400	16"	100	4"	300	12"	2	2/17170	2,60
CRF-300 500x100x2	500	20"	100	4"	300	12"	2	2/17171	2,88
CRF-300 600x100x2	600	24"	100	4"	300	12"	2	2/17172	3,16

2 x JUF 100 (2/4322 - AL)



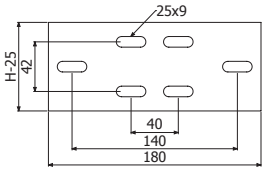
JUF





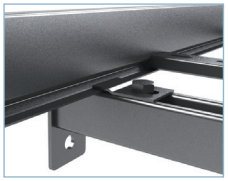
	H		e	AL	
	mm	inch	mm	REF.	kg/ud
JUF 100	100	4"	2,5	2/4322	0,07

6 /100 B2 (2/5392-i304)



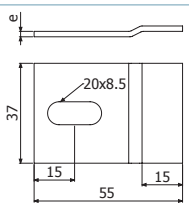
BEF



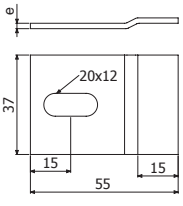


	e	AL	
	mm	REF.	kg/ud
BEF 8	3	2/4289	0,02
BEF 10	3	2/5411	0,02

SHL --> B2 (2/5392 - i304)
SP/SPD + BEF 8 --> ISO7380 M8X30 (0/1117 - i304) + TM41 M8 (2/17583 - GC)
SP/SPD + BEF 10 --> DIN933 M10X30 (2/17547 - i304) + TM41 M10 (2/17584 - GC)



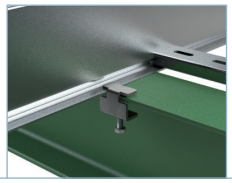
BEF 8



BEF 10

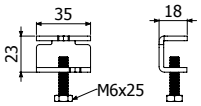
BEV





	H		i304	
	inch	mm	REF.	kg/ud
BEV	6	150	2/14473	0,05

10

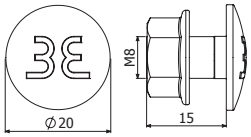


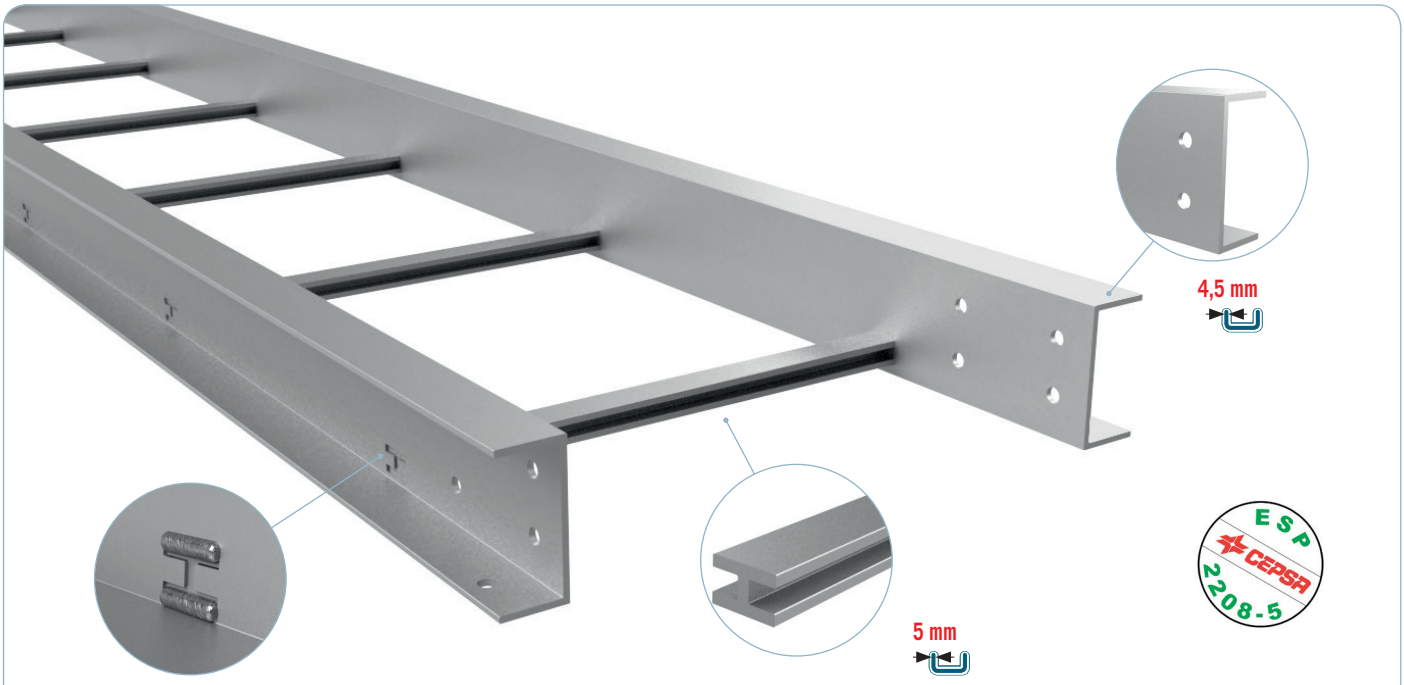
B2



	Pap	i304	
	Nm	REF.	kg/ud
B2-100	15	2/5392	1,71

13





L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

20J
UNE-EN 61537

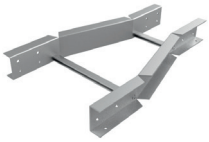
AL x3

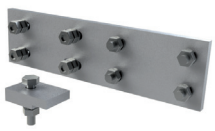

CPUEC-800


CCUEC-800


CXUEC-800


TEUEC-800

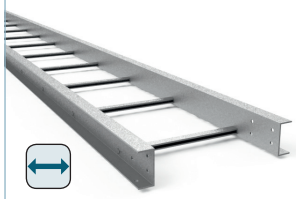

RCUEC


KUR


KUA

		Filling Area	
B		H100 (4")	
mm	inch	cm²	in²
100	4"	73	11,3
200	8"	146	22,6
300	12"	219	33,9
400	16"	292	45,3
600	24"	438	67,9

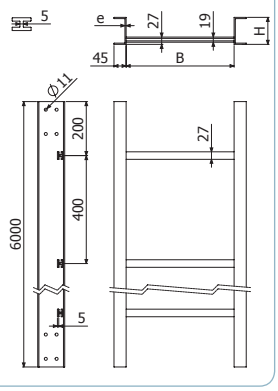
UEC



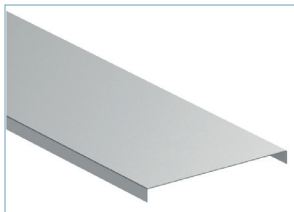
L = 6 m (20ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
UEC 100x100x4,5-400 6M	100	4"	100	4"	4,5	2/6352	4,61
UEC 200x100x4,5-400 6M	200	8"	100	4"	4,5	2/4434	4,83
UEC 300x100x4,5-400 6M	300	12"	100	4"	4,5	2/4433	5,05
UEC 400x100x4,5-400 6M	400	16"	100	4"	4,5	2/4502	5,26
UEC 600x100x4,5-400 6M	600	24"	100	4"	4,5	2/4432	5,70

2 x KUR (2/5641)

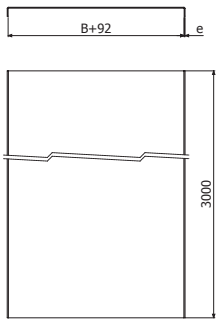


TUEC



L = 3 m (10 ft)

	B		L	AL	
	mm	inch	mm	REF.	kg/m
TUEC 100X1,5	100	4"	3000	2/17539	1,25
TUEC 200X1,5	200	8"	3000	2/6212	1,81
TUEC 300X1,5	300	12"	3000	2/6221	2,37
TUEC 400X1,5	400	16"	3000	2/4690	2,94
TUEC 600X1,5	600	24"	3000	2/6213	4,06

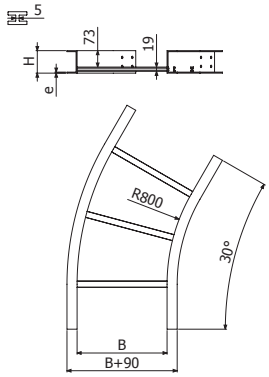


CPUEC30-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPUEC30-800 200x100x4,5	200	8"	100	4"	4,5	2/5801	4,46
CPUEC30-800 300x100x4,5	300	12"	100	4"	4,5	2/5802	4,85
CPUEC30-800 400x100x4,5	400	16"	100	4"	4,5	2/5803	5,24
CPUEC30-800 600x100x4,5	600	24"	100	4"	4,5	2/4568	6,02

2 x KUR (2/5641)

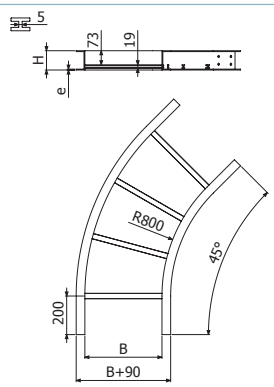


CPUEC45-800

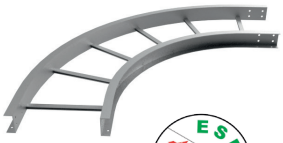


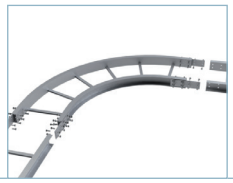
	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPUEC45-800 200x100x4,5	200	8"	100	4"	4,5	2/5618	5,53
CPUEC45-800 300x100x4,5	300	12"	100	4"	4,5	2/4566	6,25
CPUEC45-800 400x100x4,5	400	16"	100	4"	4,5	2/4634	6,80
CPUEC45-800 600x100x4,5	600	24"	100	4"	4,5	2/4567	7,87

2 x KUR (2/5641)



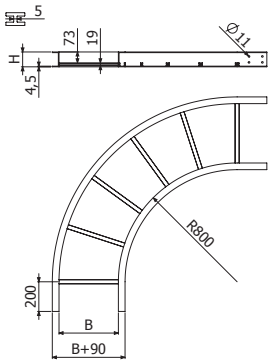
CPUEC-800



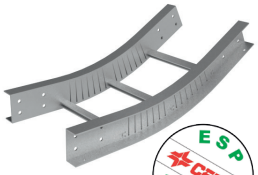


	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
CPUEC-800 100x100x4,5	100	4"	100	4"	4,5	2/6355	8,19
CPUEC-800 200x100x4,5	200	8"	100	4"	4,5	2/5067	9,09
CPUEC-800 300x100x4,5	300	12"	100	4"	4,5	2/4564	10,17
CPUEC-800 400x100x4,5	400	16"	100	4"	4,5	2/4693	11,07
CPUEC-800 600x100x4,5	600	24"	100	4"	4,5	2/4565	13,40

2 x KUR (2/5641)

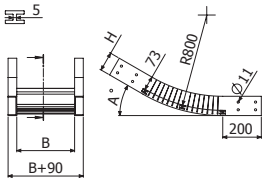


CCUEC30-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCUEC30 200x100x4,5	200	8"	100	4"	4,5	2/5807	8,02
CCUEC30 300x100x4,5	300	12"	100	4"	4,5	2/5808	8,47
CCUEC30 400x100x4,5	400	16"	100	4"	4,5	2/5809	8,92
CCUEC30 600x100x4,5	600	24"	100	4"	4,5	2/5810	9,83

2 x KUR (2/5641)

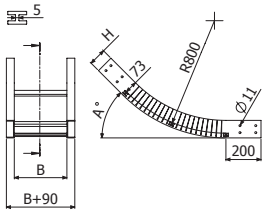


CCUEC45-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCUEC45 200x100x4,5	200	8"	100	4"	4,5	2/5804	5,00
CCUEC45 300x100x4,5	300	12"	100	4"	4,5	2/5805	5,27
CCUEC45 400x100x4,5	400	16"	100	4"	4,5	2/4633	5,55
CCUEC45 600x100x4,5	600	24"	100	4"	4,5	2/5806	6,09

2 x KUR (2/5641)

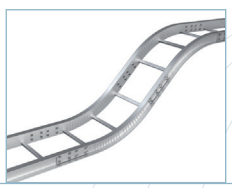


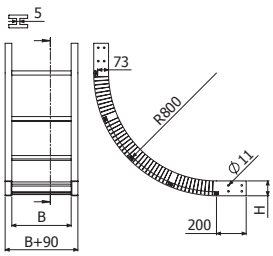
CCUEC-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCUEC 100x100x4,5	100	4"	100	4"	4,5	2/6354	7,57
CCUEC 200x100x4,5	200	8"	100	4"	4,5	2/5070	8,02
CCUEC 300x100x4,5	300	12"	100	4"	4,5	2/4662	8,47
CCUEC 400x100x4,5	400	16"	100	4"	4,5	2/4632	8,92
CCUEC 600x100x4,5	600	24"	100	4"	4,5	2/5708	9,83

2 x KUR (2/5641)



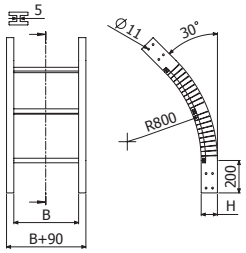


CXUEC30-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CXUEC30 200x100x4,5	200	8"	100	4"	4,5	2/5821	4,22
CXUEC30 300x100x4,5	300	12"	100	4"	4,5	2/5822	4,49
CXUEC30 400x100x4,5	400	16"	100	4"	4,5	2/5823	4,76
CXUEC30 600x100x4,5	600	24"	100	4"	4,5	2/5824	5,30

2 x KUR (2/5641)

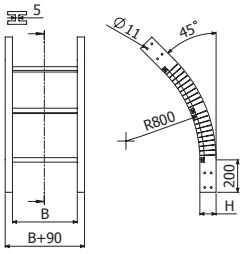


CXUEC45-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CXUEC45 200x100x4,5	200	8"	100	4"	4,5	2/5811	5,17
CXUEC45 300x100x4,5	300	12"	100	4"	4,5	2/5812	5,44
CXUEC45 400x100x4,5	400	16"	100	4"	4,5	2/5813	5,71
CXUEC45 600x100x4,5	600	24"	100	4"	4,5	2/5814	6,25

2 x KUR (2/5641)

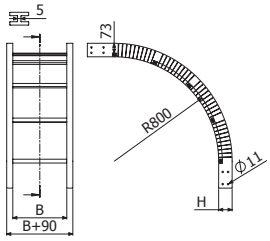


CXUEC-800

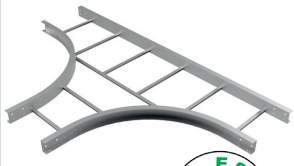


	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CXUEC 100x100x4,5	100	4"	100	4"	4,5	2/6353	7,91
CXUEC 200x100x4,5	200	8"	100	4"	4,5	2/5069	8,37
CXUEC 300x100x4,5	300	12"	100	4"	4,5	2/4663	8,82
CXUEC 400x100x4,5	400	16"	100	4"	4,5	2/5068	9,27
CXUEC 600x100x4,5	600	24"	100	4"	4,5	2/5709	10,17

2 x KUR (2/5641)

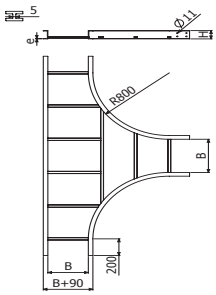


TEUEC-800

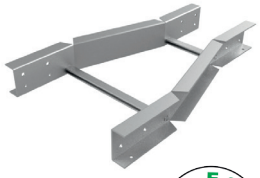


	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
TEUEC 200x100x4,5	200	8"	100	4"	4,5	2/5825	15,13
TEUEC 300x100x4,5	300	12"	100	4"	4,5	2/4569	16,19
TEUEC 400x100x4,5	400	16"	100	4"	4,5	2/4682	17,25
TEUEC 600x100x4,5	600	24"	100	4"	4,5	2/4673	19,94

2 x KUR (2/5641)

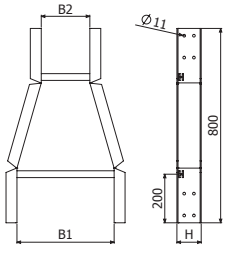


RCUEC

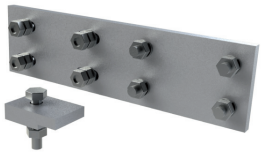


	B1		B2		H		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
RCUEC 300/200x100x4,5	300	12"	200	8"	100	4"	4,5	2/5826	3,95
RCUEC 400/300x100x4,5	400	16"	300	12"	100	4"	4,5	2/4570	4,13
RCUEC 600/400x100x4,5	600	24"	400	16"	100	4"	4,5	2/4571	4,44

2 x KUR (2/5641)



KUR

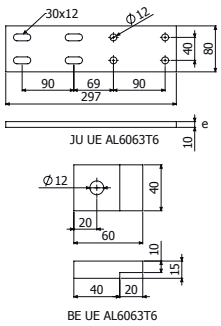


	e	AL	
	mm	REF.	kg/ud
KUR	10	2/5641	0,94

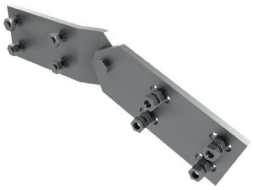
1x JUUE + 1x BEUE + 8x DIN933 M10x30 + 1x DIN933 M10x50 + 13x DIN934 M10 + 9x DIN125 M10 + 4x DIN127 M10

17





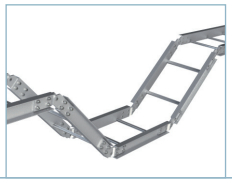
KUA

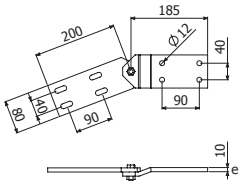


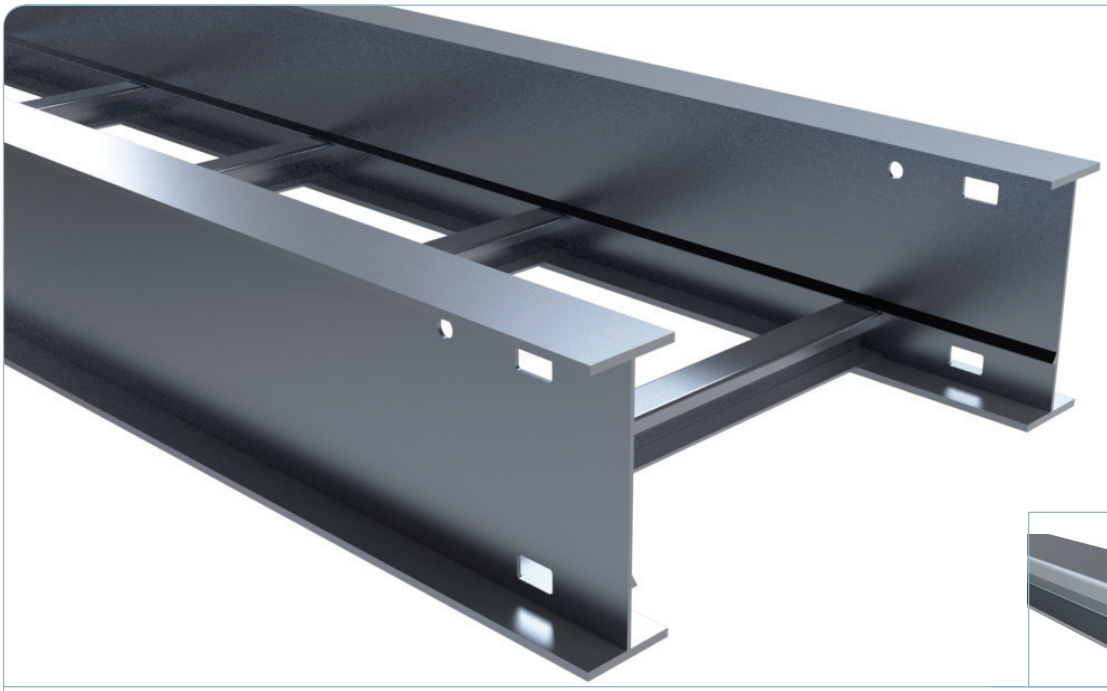
	e	AL	
	mm	REF.	kg/ud
KUA	10	2/5642	0,85

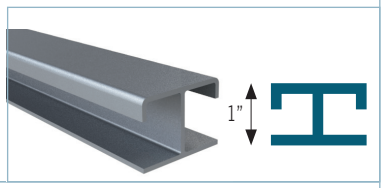
1x JUAUE + 8x DIN933 M10x30 + 12x DIN934 M10 + 8x DIN125 M10 + 4x DIN127 M10











L > 100 m *
UNE-EN 61537

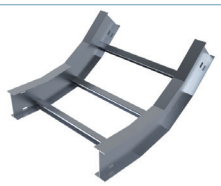
M0
UNE-EN 61537
UNE 23727

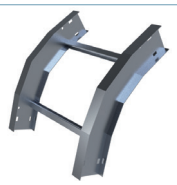
150°C
-50°C
UNE-EN 61537

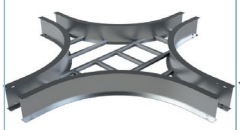
20J
UNE-EN 61537

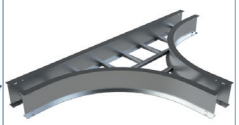
AL x3 GS GC 1304


CPI

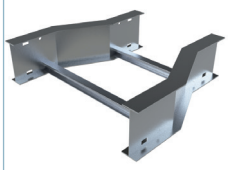

CCI

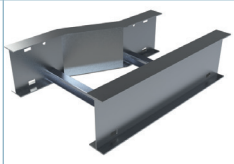

CXI


CRI


TEI

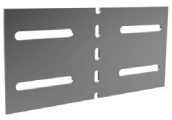

RII


RCI


RDI


JUI


JUI-A


JUI-B


BEV

		Filling Area					
B		H4"		H5"		H6"	
inch	mm	in²	cm²	in²	cm²	in²	cm²
6"	150	17,0	109	23,0	148	29,0	187
9"	230	25,5	164	34,5	222	43,5	280
12"	300	34,1	219	46,1	297	58,1	374
18"	450	51,1	329	69,1	445	87,1	561
24"	600	68,2	439	92,2	594	116,2	749
30"	750	85,2	549	115,2	743	145,2	936
36"	900	102,3	659	138,3	892	174,3	1124

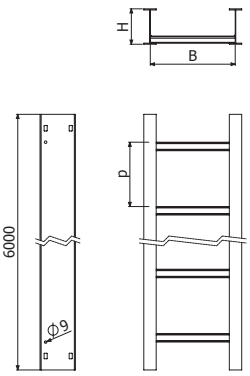
IL H4 (NEMA 16A / 12C)



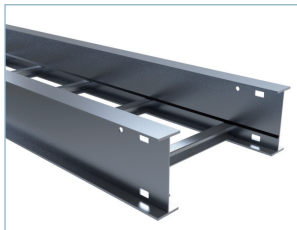
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IL 6x4-p 6M	6	150	4	100	2/10305	2,28	2/10324	2,12	2/10343	2,04
IL 9x4-p 6M	9	230	4	100	2/10306	2,52	2/10325	2,28	2/10344	2,16
IL 12x4-p 6M	12	300	4	100	2/10307	2,76	2/10326	2,44	2/10345	2,28
IL 18x4-p 6M	18	450	4	100	2/10308	3,24	2/10327	2,76	2/10346	2,52
IL 24x4-p 6M	24	600	4	100	2/10309	3,72	2/10328	3,08	2/10347	2,76
IL 30x4-p 6M	30	750	4	100	2/10310	4,20	2/10329	3,40	2/10348	3,00
IL 36x4-p 6M	36	900	4	100	2/10311	4,68	2/10330	3,72	2/10349	3,24

2 x JUI 4 (2/11220)



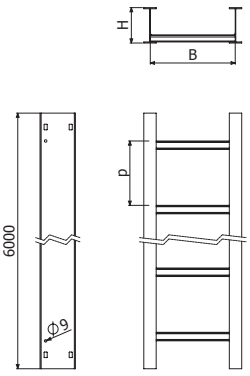
IL H5 (NEMA 16A / 12C)



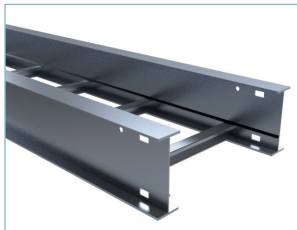
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IL-6x5-p 6M	6	150	5	125	2/14942	2,41	2/14943	2,26	2/14944	2,19
IL 9x5-p 6M	9	230	5	125	2/10312	2,58	2/10331	2,34	2/10350	2,22
IL 12x5-p 6M	12	300	5	125	2/10313	2,82	2/10332	2,50	2/10351	2,34
IL 18x5-p 6M	18	450	5	125	2/10314	3,30	2/10333	2,82	2/10352	2,58
IL 24x5-p 6M	24	600	5	125	2/10315	3,78	2/10334	3,14	2/10353	2,82
IL 30x5-p 6M	30	750	5	125	2/10316	4,26	2/10335	3,46	2/10354	3,06
IL 36x5-p 6M	36	900	5	125	2/10317	4,74	2/10336	3,78	2/10355	3,30

2 x JUI 5 (2/11221)



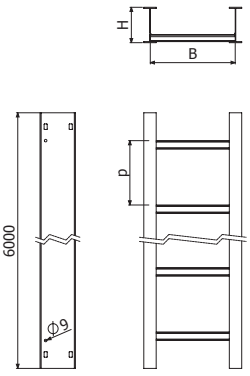
IL H6 (NEMA 20A / 16B / 12C)



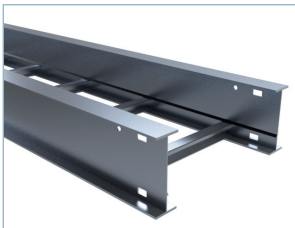
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IL 9x6-p 6M	9	230	6	150	2/10318	3,08	2/10337	2,84	2/10356	2,72
IL 12x6-p 6M	12	300	6	150	2/10319	3,32	2/10338	3,00	2/10357	2,84
IL 18x6-p 6M	18	450	6	150	2/10320	3,80	2/10339	3,32	2/10358	3,08
IL 24x6-p 6M	24	600	6	150	2/10321	4,28	2/10340	3,64	2/10359	3,32
IL 30x6-p 6M	30	750	6	150	2/10322	4,76	2/10341	3,96	2/10360	3,56
IL 36x6-p 6M	36	900	6	150	2/10323	5,24	2/10342	4,28	2/10361	3,80

2 x JUI 6 (2/11222)



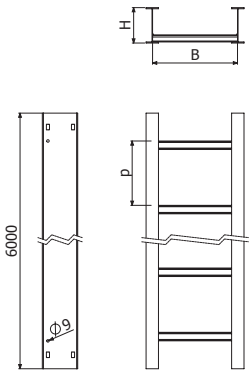
IS H4 (NEMA 20A / 16B)



L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IS 6x4-p 6M	6	150	4	100	2/10362	3,02	2/10381	2,86	2/10400	2,78
IS 9x4-p 6M	9	230	4	100	2/10363	3,26	2/10382	3,02	2/10401	2,90
IS 12x4-p 6M	12	300	4	100	2/10364	3,50	2/10383	3,18	2/10402	3,02
IS 18x4-p 6M	18	450	4	100	2/10365	3,98	2/10384	3,50	2/10403	3,26
IS 24x4-p 6M	24	600	4	100	2/10366	4,46	2/10385	3,82	2/10404	3,50
IS 30x4-p 6M	30	750	4	100	2/10367	4,94	2/10386	4,14	2/10405	3,74
IS 36x4-p 6M	36	900	4	100	2/10368	5,42	2/10387	4,46	2/10406	3,98

2 x JUI 4 (2/11220)



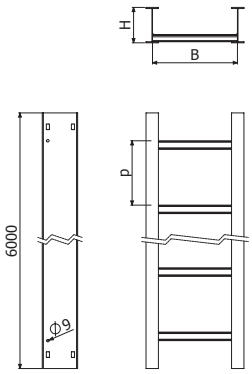
IS H5 (NEMA 20A /16B / 12C)



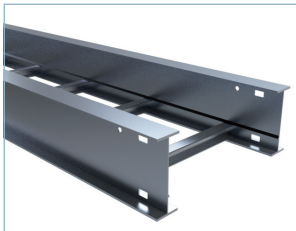
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IS 6x5-p 6M	6	150	5	125	2/14945	2,79	2/14946	2,54	2/14947	2,42
IS 9x5-p 6M	9	230	5	125	2/10369	2,82	2/10388	2,58	2/10407	2,46
IS 12x5-p 6M	12	300	5	125	2/10370	3,06	2/10389	2,74	2/10408	2,58
IS 18x5-p 6M	18	450	5	125	2/10371	3,54	2/10390	3,06	2/10409	2,82
IS 24x5-p 6M	24	600	5	125	2/10372	4,02	2/10391	3,38	2/10410	3,06
IS 30x5-p 6M	30	750	5	125	2/10373	4,50	2/10392	3,70	2/10411	3,30
IS 36x5-p 6M	36	900	5	125	2/10374	4,98	2/10393	4,02	2/10412	3,54

2 x JUI 5 (2/11221)



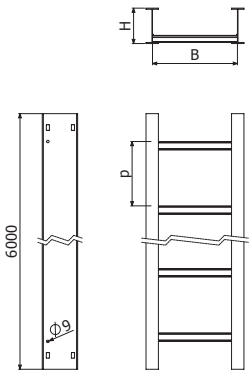
IS H6 (NEMA 20B / 16C)



L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IS 9x6-p 6M	9	230	6	150	2/10375	3,62	2/10394	3,38	2/10413	3,26
IS 12x6-p 6M	12	300	6	150	2/10376	3,86	2/10395	3,54	2/10414	3,38
IS 18x6-p 6M	18	450	6	150	2/10377	4,34	2/10396	3,86	2/10415	3,62
IS 24x6-p 6M	24	600	6	150	2/10378	4,82	2/10397	4,18	2/10416	3,86
IS 30x6-p 6M	30	750	6	150	2/10379	5,30	2/10398	4,50	2/10417	4,10
IS 36x6-p 6M	36	900	6	150	2/10380	5,78	2/10399	4,82	2/10418	4,34

2 x JUI 6 (2/11222)



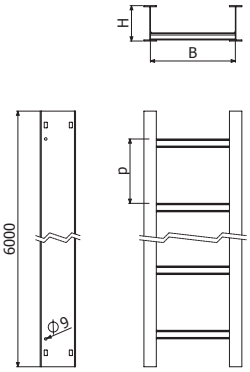
IR H4 (NEMA 20B / 16C)



L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IR 6x4-p 6M	6	150	4	100	2/10419	3,54	2/10438	3,38	2/10457	3,30
IR 9x4-p 6M	9	230	4	100	2/10420	3,78	2/10439	3,54	2/10458	3,42
IR 12x4-p 6M	12	300	4	100	2/10421	4,02	2/10440	3,70	2/10459	3,54
IR 18x4-p 6M	18	450	4	100	2/10422	4,50	2/10441	4,02	2/10460	3,78
IR 24x4-p 6M	24	600	4	100	2/10423	4,98	2/10442	4,34	2/10461	4,02
IR 30x4-p 6M	30	750	4	100	2/10424	5,46	2/10443	4,66	2/10462	4,26
IR 36x4-p 6M	36	900	4	100	2/10425	5,94	2/10444	4,98	2/10463	4,50

2 x JUI 4 (2/11220)



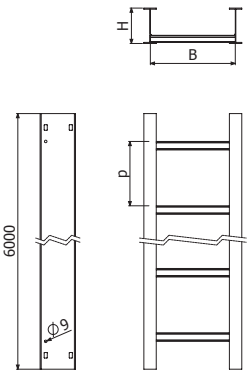
IR H5 (NEMA 20B / 16C)



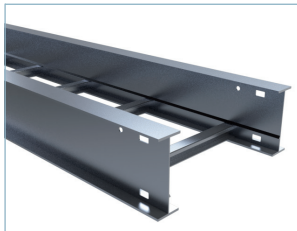
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IR 6x5-p 6M	6	150	5	125	2/14948	3,50	2/14949	3,26	2/14950	3,12
IR 9x5-p 6M	9	230	5	125	2/10426	3,62	2/10445	3,38	2/10464	3,26
IR 12x5-p 6M	12	300	5	125	2/10427	3,86	2/10446	3,54	2/10465	3,38
IR 18x5-p 6M	18	450	5	125	2/10428	4,34	2/10447	3,86	2/10466	3,62
IR 24x5-p 6M	24	600	5	125	2/10429	4,82	2/10448	4,18	2/10467	3,86
IR 30x5-p 6M	30	750	5	125	2/10430	5,30	2/10449	4,50	2/10468	4,10
IR 36x5-p 6M	36	900	5	125	2/10431	5,78	2/10450	4,82	2/10469	4,34

2 x JUI 5 (2/11221)



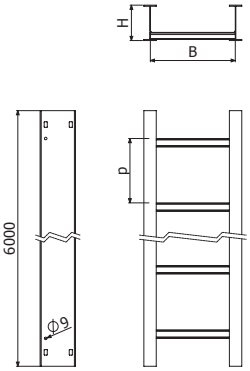
IR H6 (NEMA 20C)



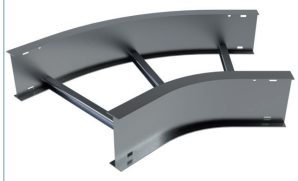
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IR 9x6-p 6M	9	230	6	150	2/10432	4,24	2/10451	4,00	2/10470	3,88
IR 12x6-p 6M	12	300	6	150	2/10433	4,48	2/10452	4,16	2/10471	4,00
IR 18x6-p 6M	18	450	6	150	2/10434	4,96	2/10453	4,48	2/10472	4,24
IR 24x6-p 6M	24	600	6	150	2/10435	5,44	2/10454	4,80	2/10473	4,48
IR 30x6-p 6M	30	750	6	150	2/10436	5,92	2/10455	5,12	2/10474	4,72
IR 36x6-p 6M	36	900	6	150	2/10437	6,40	2/10456	5,44	2/10475	4,96

2 x JUI 6 (2/11222)

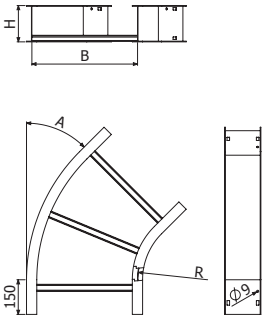


CPI H4

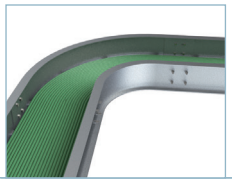


CPI 'A' - 'R' 'B'x'H'

	A (º)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPI30-12 6x4	30	12	300	6	150	4	100	2/10476	1,44
CPI30-12 9x4	30	12	300	9	230	4	100	2/10477	1,56
CPI30-12 12x4	30	12	300	12	300	4	100	2/10478	1,68
CPI30-12 18x4	30	12	300	18	450	4	100	2/10479	1,93
CPI30-12 24x4	30	12	300	24	600	4	100	2/10480	2,44
CPI30-12 30x4	30	12	300	30	750	4	100	2/10481	2,75
CPI30-12 36x4	30	12	300	36	900	4	100	2/10482	3,06
CPI45-12 6x4	45	12	300	6	150	4	100	2/10483	1,70
CPI45-12 9x4	45	12	300	9	230	4	100	2/10484	1,85
CPI45-12 12x4	45	12	300	12	300	4	100	2/10485	2,13
CPI45-12 18x4	45	12	300	18	450	4	100	2/10486	2,49
CPI45-12 24x4	45	12	300	24	600	4	100	2/10487	2,85
CPI45-12 30x4	45	12	300	30	750	4	100	2/10488	3,21
CPI45-12 36x4	45	12	300	36	900	4	100	2/10489	3,99
CPI-12 6x4	90	12	300	6	150	4	100	2/10490	2,55
CPI-12 9x4	90	12	300	9	230	4	100	2/10491	2,81
CPI-12 12x4	90	12	300	12	300	4	100	2/10492	3,20
CPI-12 18x4	90	12	300	18	450	4	100	2/10493	3,78
CPI-12 24x4	90	12	300	24	600	4	100	2/10494	4,64
CPI-12 30x4	90	12	300	30	750	4	100	2/10495	5,30
CPI-12 36x4	90	12	300	36	900	4	100	2/10496	6,36
CPI30-24 6x4	30	24	600	6	150	4	100	2/10497	1,86
CPI30-24 9x4	30	24	600	9	230	4	100	2/10498	1,98
CPI30-24 12x4	30	24	600	12	300	4	100	2/10499	2,24
CPI30-24 18x4	30	24	600	18	450	4	100	2/10500	2,54
CPI30-24 24x4	30	24	600	24	600	4	100	2/10501	2,85
CPI30-24 30x4	30	24	600	30	750	4	100	2/10502	3,16
CPI30-24 36x4	30	24	600	36	900	4	100	2/10503	3,47
CPI45-24 6x4	45	24	600	6	150	4	100	2/10504	2,39
CPI45-24 9x4	45	24	600	9	230	4	100	2/10505	2,57
CPI45-24 12x4	45	24	600	12	300	4	100	2/10506	2,75
CPI45-24 18x4	45	24	600	18	450	4	100	2/10507	3,11
CPI45-24 24x4	45	24	600	24	600	4	100	2/10508	3,75
CPI45-24 30x4	45	24	600	30	750	4	100	2/10509	4,18
CPI45-24 36x4	45	24	600	36	900	4	100	2/10510	4,61
CPI-24 6x4	90	24	600	6	150	4	100	2/10511	3,86
CPI-24 9x4	90	24	600	9	230	4	100	2/10512	4,15
CPI-24 12x4	90	24	600	12	300	4	100	2/10513	4,58
CPI-24 18x4	90	24	600	18	450	4	100	2/10514	5,23
CPI-24 24x4	90	24	600	24	600	4	100	2/10515	6,16
CPI-24 30x4	90	24	600	30	750	4	100	2/10516	6,88
CPI-24 36x4	90	24	600	36	900	4	100	2/10517	8,01
CPI30-36 6x4	30	36	900	6	150	4	100	2/10518	2,34
CPI30-36 9x4	30	36	900	9	230	4	100	2/10519	2,49
CPI30-36 12x4	30	36	900	12	300	4	100	2/10520	2,65
CPI30-36 18x4	30	36	900	18	450	4	100	2/10521	2,96
CPI30-36 24x4	30	36	900	24	600	4	100	2/10522	3,27
CPI30-36 30x4	30	36	900	30	750	4	100	2/10523	3,58
CPI30-36 36x4	30	36	900	36	900	4	100	2/10524	4,30
CPI45-36 6x4	45	36	900	6	150	4	100	2/10525	3,01
CPI45-36 9x4	45	36	900	9	230	4	100	2/10526	3,19
CPI45-36 12x4	45	36	900	12	300	4	100	2/10527	3,51
CPI45-36 18x4	45	36	900	18	450	4	100	2/10528	3,94
CPI45-36 24x4	45	36	900	24	600	4	100	2/10529	4,37
CPI45-36 30x4	45	36	900	30	750	4	100	2/10530	4,80
CPI45-36 36x4	45	36	900	36	900	4	100	2/10531	5,64
CPI-36 6x4	90	36	900	6	150	4	100	2/10532	5,17
CPI-36 9x4	90	36	900	9	230	4	100	2/10533	5,49
CPI-36 12x4	90	36	900	12	300	4	100	2/10534	5,96
CPI-36 18x4	90	36	900	18	450	4	100	2/10535	6,68
CPI-36 24x4	90	36	900	24	600	4	100	2/10536	7,67
CPI-36 30x4	90	36	900	30	750	4	100	2/10537	8,46
CPI-36 36x4	90	36	900	36	900	4	100	2/10538	9,67

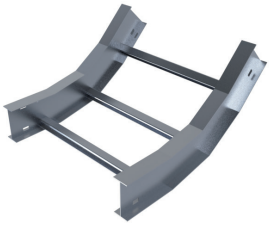


CPI 'A' - 'R' 'B'x'H'



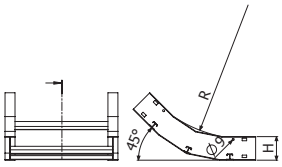
2 x JUI 4 (2/11220)

CCI H4

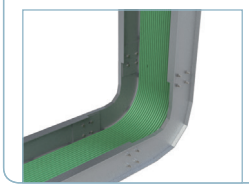


CCI 'A' - 'R' 'B'x'H'

	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCI30-12 6x4	30	12	300	6	150	4	100	2/10647	1,48
CCI30-12 9x4	30	12	300	9	230	4	100	2/10648	1,55
CCI30-12 12x4	30	12	300	12	300	4	100	2/10649	1,62
CCI30-12 18x4	30	12	300	18	450	4	100	2/10650	1,75
CCI30-12 24x4	30	12	300	24	600	4	100	2/10651	1,89
CCI30-12 30x4	30	12	300	30	750	4	100	2/10652	2,03
CCI30-12 36x4	30	12	300	36	900	4	100	2/10653	2,16
CCI45-12 6x4	45	12	300	6	150	4	100	2/10654	1,82
CCI45-12 9x4	45	12	300	9	230	4	100	2/10655	1,93
CCI45-12 12x4	45	12	300	12	300	4	100	2/10656	2,03
CCI45-12 18x4	45	12	300	18	450	4	100	2/10657	2,23
CCI45-12 24x4	45	12	300	24	600	4	100	2/10658	2,44
CCI45-12 30x4	45	12	300	30	750	4	100	2/10659	2,65
CCI45-12 36x4	45	12	300	36	900	4	100	2/10660	2,85
CCI-12 6x4	90	12	300	6	150	4	100	2/10661	2,72
CCI-12 9x4	90	12	300	9	230	4	100	2/10662	2,86
CCI-12 12x4	90	12	300	12	300	4	100	2/10663	2,99
CCI-12 18x4	90	12	300	18	450	4	100	2/10664	3,27
CCI-12 24x4	90	12	300	24	600	4	100	2/10665	3,54
CCI-12 30x4	90	12	300	30	750	4	100	2/10666	3,82
CCI-12 36x4	90	12	300	36	900	4	100	2/10667	4,09
CCI30-24 6x4	30	24	600	6	150	4	100	2/10668	1,96
CCI30-24 9x4	30	24	600	9	230	4	100	2/10669	2,06
CCI30-24 12x4	30	24	600	12	300	4	100	2/10670	2,17
CCI30-24 18x4	30	24	600	18	450	4	100	2/10671	2,37
CCI30-24 24x4	30	24	600	24	600	4	100	2/10672	2,58
CCI30-24 30x4	30	24	600	30	750	4	100	2/10673	2,78
CCI30-24 36x4	30	24	600	36	900	4	100	2/10674	2,99
CCI45-24 6x4	45	24	600	6	150	4	100	2/10675	2,51
CCI45-24 9x4	45	24	600	9	230	4	100	2/10676	2,65
CCI45-24 12x4	45	24	600	12	300	4	100	2/10677	2,79
CCI45-24 18x4	45	24	600	18	450	4	100	2/10678	3,06
CCI45-24 24x4	45	24	600	24	600	4	100	2/10679	3,34
CCI45-24 30x4	45	24	600	30	750	4	100	2/10680	3,61
CCI45-24 36x4	45	24	600	36	900	4	100	2/10681	3,88
CCI-24 6x4	90	24	600	6	150	4	100	2/10682	4,10
CCI-24 9x4	90	24	600	9	230	4	100	2/10683	4,30
CCI-24 12x4	90	24	600	12	300	4	100	2/10684	4,51
CCI-24 18x4	90	24	600	18	450	4	100	2/10685	4,92
CCI-24 24x4	90	24	600	24	600	4	100	2/10686	5,33
CCI-24 30x4	90	24	600	30	750	4	100	2/10687	5,74
CCI-24 36x4	90	24	600	36	900	4	100	2/10688	6,15
CCI30-36 6x4	30	36	900	6	150	4	100	2/10689	2,44
CCI30-36 9x4	30	36	900	9	230	4	100	2/10690	2,58
CCI30-36 12x4	30	36	900	12	300	4	100	2/10691	2,72
CCI30-36 18x4	30	36	900	18	450	4	100	2/10692	2,99
CCI30-36 24x4	30	36	900	24	600	4	100	2/10693	3,27
CCI30-36 30x4	30	36	900	30	750	4	100	2/10694	3,54
CCI30-36 36x4	30	36	900	36	900	4	100	2/10695	3,81
CCI45-36 6x4	45	36	900	6	150	4	100	2/10696	3,20
CCI45-36 9x4	45	36	900	9	230	4	100	2/10697	3,37
CCI45-36 12x4	45	36	900	12	300	4	100	2/10698	3,54
CCI45-36 18x4	45	36	900	18	450	4	100	2/10699	3,89
CCI45-36 24x4	45	36	900	24	600	4	100	2/10700	4,23
CCI45-36 30x4	45	36	900	30	750	4	100	2/10701	4,57
CCI45-36 36x4	45	36	900	36	900	4	100	2/10702	4,92
CCI-36 6x4	90	36	900	6	150	4	100	2/10703	5,54
CCI-36 9x4	90	36	900	9	230	4	100	2/10704	5,85
CCI-36 12x4	90	36	900	12	300	4	100	2/10705	6,16
CCI-36 18x4	90	36	900	18	450	4	100	2/10706	6,78
CCI-36 24x4	90	36	900	24	600	4	100	2/10707	7,40
CCI-36 30x4	90	36	900	30	750	4	100	2/10708	8,01
CCI-36 36x4	90	36	900	36	900	4	100	2/10709	8,63

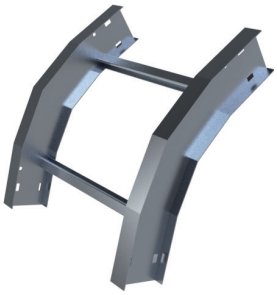


CCI 'A' - 'R' 'B'x'H'



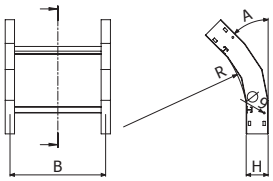
2 x JUI 4 (2/11220)

CXI H4



CXI 'A' - 'R' 'B'x'H'

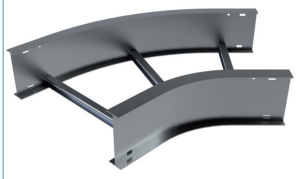
	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXI30-12 6x4	30	12	300	6	150	4	100	2/10818	1,48
CXI30-12 9x4	30	12	300	9	230	4	100	2/10819	1,55
CXI30-12 12x4	30	12	300	12	300	4	100	2/10820	1,62
CXI30-12 18x4	30	12	300	18	450	4	100	2/10821	1,75
CXI30-12 24x4	30	12	300	24	600	4	100	2/10822	1,89
CXI30-12 30x4	30	12	300	30	750	4	100	2/10823	2,03
CXI30-12 36x4	30	12	300	36	900	4	100	2/10824	2,16
CXI45-12 6x4	45	12	300	6	150	4	100	2/10825	1,82
CXI45-12 9x4	45	12	300	9	230	4	100	2/10826	1,93
CXI45-12 12x4	45	12	300	12	300	4	100	2/10827	2,03
CXI45-12 18x4	45	12	300	18	450	4	100	2/10828	2,23
CXI45-12 24x4	45	12	300	24	600	4	100	2/10829	2,44
CXI45-12 30x4	45	12	300	30	750	4	100	2/10830	2,65
CXI45-12 36x4	45	12	300	36	900	4	100	2/10831	2,85
CXI-12 6x4	90	12	300	6	150	4	100	2/10832	2,72
CXI-12 9x4	90	12	300	9	230	4	100	2/10833	2,86
CXI-12 12x4	90	12	300	12	300	4	100	2/10834	2,99
CXI-12 18x4	90	12	300	18	450	4	100	2/10835	3,27
CXI-12 24x4	90	12	300	24	600	4	100	2/10836	3,54
CXI-12 30x4	90	12	300	30	750	4	100	2/10837	3,82
CXI-12 36x4	90	12	300	36	900	4	100	2/10838	4,09
CXI30-24 6x4	30	24	600	6	150	4	100	2/10839	1,96
CXI30-24 9x4	30	24	600	9	230	4	100	2/10840	2,06
CXI30-24 12x4	30	24	600	12	300	4	100	2/10841	2,17
CXI30-24 18x4	30	24	600	18	450	4	100	2/10842	2,37
CXI30-24 24x4	30	24	600	24	600	4	100	2/10843	2,58
CXI30-24 30x4	30	24	600	30	750	4	100	2/10844	2,78
CXI30-24 36x4	30	24	600	36	900	4	100	2/10845	2,99
CXI45-24 6x4	45	24	600	6	150	4	100	2/10846	2,51
CXI45-24 9x4	45	24	600	9	230	4	100	2/10847	2,65
CXI45-24 12x4	45	24	600	12	300	4	100	2/10848	2,79
CXI45-24 18x4	45	24	600	18	450	4	100	2/10849	3,06
CXI45-24 24x4	45	24	600	24	600	4	100	2/10850	3,34
CXI45-24 30x4	45	24	600	30	750	4	100	2/10851	3,61
CXI45-24 36x4	45	24	600	36	900	4	100	2/10852	3,88
CXI-24 6x4	90	24	600	6	150	4	100	2/10853	4,10
CXI-24 9x4	90	24	600	9	230	4	100	2/10854	4, 30
CXI-24 12x4	90	24	600	12	300	4	100	2/10855	4,51
CXI-24 18x4	90	24	600	18	450	4	100	2/10856	4,92
CXI-24 24x4	90	24	600	24	600	4	100	2/10857	5,33
CXI-24 30x4	90	24	600	30	750	4	100	2/10858	5,74
CXI-24 36x4	90	24	600	36	900	4	100	2/10859	6,15
CXI30-36 6x4	30	36	900	6	150	4	100	2/10860	2,44
CXI30-36 9x4	30	36	900	9	230	4	100	2/10861	2,58
CXI30-36 12x4	30	36	900	12	300	4	100	2/10862	2,72
CXI30-36 18x4	30	36	900	18	450	4	100	2/10863	2,99
CXI30-36 24x4	30	36	900	24	600	4	100	2/10864	3,27
CXI30-36 30x4	30	36	900	30	750	4	100	2/10865	3,54
CXI30-36 36x4	30	36	900	36	900	4	100	2/10866	3,81
CXI45-36 6x4	45	36	900	6	150	4	100	2/10867	3,20
CXI45-36 9x4	45	36	900	9	230	4	100	2/10868	3,37
CXI45-36 12x4	45	36	900	12	300	4	100	2/10869	3,54
CXI45-36 18x4	45	36	900	18	450	4	100	2/10870	3,89
CXI45-36 24x4	45	36	900	24	600	4	100	2/10871	4,23
CXI45-36 30x4	45	36	900	30	750	4	100	2/10872	4,57
CXI45-36 36x4	45	36	900	36	900	4	100	2/10873	4,92
CXI-36 6x4	90	36	900	6	150	4	100	2/10874	5,54
CXI-36 9x4	90	36	900	9	230	4	100	2/10875	5,85
CXI-36 12x4	90	36	900	12	300	4	100	2/10876	6,16
CXI-36 18x4	90	36	900	18	450	4	100	2/10877	6,78
CXI-36 24x4	90	36	900	24	600	4	100	2/10878	7,40
CXI-36 30x4	90	36	900	30	750	4	100	2/10879	8,01
CXI-36 36x4	90	36	900	36	900	4	100	2/10880	8,63



CXI 'A' - 'R' 'B'x'H'

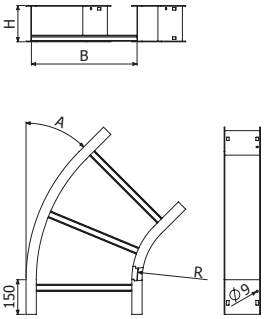
2 x JUI 4 (2/11220)

CPI H5



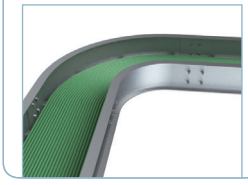
CPI 'A' - 'R' 'B'x'H'

	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPI30-12 6x5	30	12	300	6	150	5	125	2/14951	1,55
CPI30-12 9x5	30	12	300	9	230	5	125	2/10539	1,67
CPI30-12 12x5	30	12	300	12	300	5	125	2/10540	1,80
CPI30-12 18x5	30	12	300	18	450	5	125	2/10541	2,05
CPI30-12 24x5	30	12	300	24	600	5	125	2/10542	2,57
CPI30-12 30x5	30	12	300	30	750	5	125	2/10543	2,89
CPI30-12 36x5	30	12	300	36	900	5	125	2/10544	3,21
CPI45-12 6x5	45	12	300	6	150	5	125	2/14952	1,83
CPI45-12 9x5	45	12	300	9	230	5	125	2/10545	1,98
CPI45-12 12x5	45	12	300	12	300	5	125	2/10546	2,27
CPI45-12 18x5	45	12	300	18	450	5	125	2/10547	2,64
CPI45-12 24x5	45	12	300	24	600	5	125	2/10548	3,02
CPI45-12 30x5	45	12	300	30	750	5	125	2/10549	3,39
CPI45-12 36x5	45	12	300	36	900	5	125	2/10550	4,18
CPI-12 6x5	90	12	300	6	150	5	125	2/14953	2,73
CPI-12 9x5	90	12	300	9	230	5	125	2/10551	3,01
CPI-12 12x5	90	12	300	12	300	5	125	2/10552	3,41
CPI-12 18x5	90	12	300	18	450	5	125	2/10553	4,02
CPI-12 24x5	90	12	300	24	600	5	125	2/10554	4,91
CPI-12 30x5	90	12	300	30	750	5	125	2/10555	5,58
CPI-12 36x5	90	12	300	36	900	5	125	2/10556	6,67
CPI30-24 6x5	30	24	600	6	150	5	125	2/14954	2,00
CPI30-24 9x5	30	24	600	9	230	5	125	2/10557	2,12
CPI30-24 12x5	30	24	600	12	300	5	125	2/10558	2,38
CPI30-24 18x5	30	24	600	18	450	5	125	2/10559	2,70
CPI30-24 24x5	30	24	600	24	600	5	125	2/10560	3,02
CPI30-24 30x5	30	24	600	30	750	5	125	2/10561	3,33
CPI30-24 36x5	30	24	600	36	900	5	125	2/10562	3,65
CPI45-24 6x5	45	24	600	6	150	5	125	2/14955	2,57
CPI45-24 9x5	45	24	600	9	230	5	125	2/10563	2,75
CPI45-24 12x5	45	24	600	12	300	5	125	2/10564	2,94
CPI45-24 18x5	45	24	600	18	450	5	125	2/10565	3,31
CPI45-24 24x5	45	24	600	24	600	5	125	2/10566	3,96
CPI45-24 30x5	45	24	600	30	750	5	125	2/10567	4,40
CPI45-24 36x5	45	24	600	36	900	5	125	2/10568	4,85
CPI-24 6x5	90	24	600	6	150	5	125	2/14956	4,14
CPI-24 9x5	90	24	600	9	230	5	125	2/10569	4,45
CPI-24 12x5	90	24	600	12	300	5	125	2/10570	4,89
CPI-24 18x5	90	24	600	18	450	5	125	2/10571	5,57
CPI-24 24x5	90	24	600	24	600	5	125	2/10572	6,52
CPI-24 30x5	90	24	600	30	750	5	125	2/10573	7,27
CPI-24 36x5	90	24	600	36	900	5	125	2/10574	8,43
CPI30-36 6x5	30	36	900	6	150	5	125	2/14957	2,51
CPI30-36 9x5	30	36	900	9	230	5	125	2/10575	2,67
CPI30-36 12x5	30	36	900	12	300	5	125	2/10576	2,83
CPI30-36 18x5	30	36	900	18	450	5	125	2/10577	3,15
CPI30-36 24x5	30	36	900	24	600	5	125	2/10578	3,46
CPI30-36 30x5	30	36	900	30	750	5	125	2/10579	3,78
CPI30-36 36x5	30	36	900	36	900	5	125	2/10580	4,51
CPI45-36 6x5	45	36	900	6	150	5	125	2/14958	3,24
CPI45-36 9x5	45	36	900	9	230	5	125	2/10581	3,42
CPI45-36 12x5	45	36	900	12	300	5	125	2/10582	3,75
CPI45-36 18x5	45	36	900	18	450	5	125	2/10583	4,19
CPI45-36 24x5	45	36	900	24	600	5	125	2/10584	4,63
CPI45-36 30x5	45	36	900	30	750	5	125	2/10585	5,07
CPI45-36 36x5	45	36	900	36	900	5	125	2/10586	5,93
CPI-36 6x5	90	36	900	6	150	5	125	2/14959	5,55
CPI-36 9x5	90	36	900	9	230	5	125	2/10587	5,89
CPI-36 12x5	90	36	900	12	300	5	125	2/10588	6,37
CPI-36 18x5	90	36	900	18	450	5	125	2/10589	7,12
CPI-36 24x5	90	36	900	24	600	5	125	2/10590	8,14
CPI-36 30x5	90	36	900	30	750	5	125	2/10591	8,95
CPI-36 36x5	90	36	900	36	900	5	125	2/10592	10,18

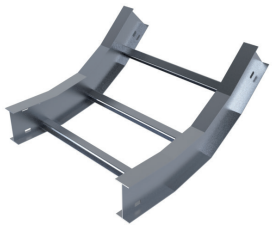


CPI 'A' - 'R' 'B'x'H'

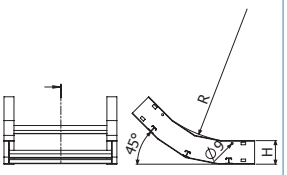
2 x JUI 5 (2/11221)



CCI H5



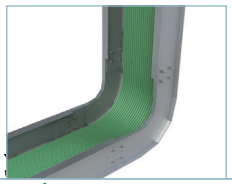
CCI 'A' - 'R' 'B'x'H'



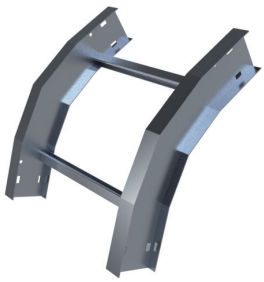
CCI 'A' - 'R' 'B'x'H'

	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCI30-12 6x5	30	12	300	6	150	5	125	2/14960	1,69
CCI30-12 9x5	30	12	300	9	230	5	125	2/10710	1,80
CCI30-12 12x5	30	12	300	12	300	5	125	2/10711	1,90
CCI30-12 18x5	30	12	300	18	450	5	125	2/10712	2,10
CCI30-12 24x5	30	12	300	24	600	5	125	2/10713	2,31
CCI30-12 30x5	30	12	300	30	750	5	125	2/10714	2,52
CCI30-12 36x5	30	12	300	36	900	5	125	2/10715	2,72
CCI45-12 6x5	45	12	300	6	150	5	125	2/14961	2,01
CCI45-12 9x5	45	12	300	9	230	5	125	2/10716	2,11
CCI45-12 12x5	45	12	300	12	300	5	125	2/10717	2,21
CCI45-12 18x5	45	12	300	18	450	5	125	2/10718	2,42
CCI45-12 24x5	45	12	300	24	600	5	125	2/10719	2,63
CCI45-12 30x5	45	12	300	30	750	5	125	2/10720	2,83
CCI45-12 36x5	45	12	300	36	900	5	125	2/10721	3,04
CCI-12 6x5	90	12	300	6	150	5	125	2/14962	3,03
CCI-12 9x5	90	12	300	9	230	5	125	2/10722	3,16
CCI-12 12x5	90	12	300	12	300	5	125	2/10723	3,30
CCI-12 18x5	90	12	300	18	450	5	125	2/10724	3,58
CCI-12 24x5	90	12	300	24	600	5	125	2/10725	3,85
CCI-12 30x5	90	12	300	30	750	5	125	2/10726	4,12
CCI-12 36x5	90	12	300	36	900	5	125	2/10727	4,40
CCI30-24 6x5	30	24	600	6	150	5	125	2/14963	2,14
CCI30-24 9x5	30	24	600	9	230	5	125	2/10728	2,24
CCI30-24 12x5	30	24	600	12	300	5	125	2/10729	2,34
CCI30-24 18x5	30	24	600	18	450	5	125	2/10730	2,55
CCI30-24 24x5	30	24	600	24	600	5	125	2/10731	2,76
CCI30-24 30x5	30	24	600	30	750	5	125	2/10732	2,96
CCI30-24 36x5	30	24	600	36	900	5	125	2/10733	3,17
CCI45-24 6x5	45	24	600	6	150	5	125	2/14964	2,75
CCI45-24 9x5	45	24	600	9	230	5	125	2/10734	2,88
CCI45-24 12x5	45	24	600	12	300	5	125	2/10735	3,02
CCI45-24 18x5	45	24	600	18	450	5	125	2/10736	3,30
CCI45-24 24x5	45	24	600	24	600	5	125	2/10737	3,57
CCI45-24 30x5	45	24	600	30	750	5	125	2/10738	3,84
CCI45-24 36x5	45	24	600	36	900	5	125	2/10739	4,12
CCI-24 6x5	90	24	600	6	150	5	125	2/14965	4,57
CCI-24 9x5	90	24	600	9	230	5	125	2/10740	4,81
CCI-24 12x5	90	24	600	12	300	5	125	2/10741	5,05
CCI-24 18x5	90	24	600	18	450	5	125	2/10742	5,53
CCI-24 24x5	90	24	600	24	600	5	125	2/10743	6,01
CCI-24 30x5	90	24	600	30	750	5	125	2/10744	6,49
CCI-24 36x5	90	24	600	36	900	5	125	2/10745	6,97
CCI30-36 6x5	30	36	900	6	150	5	125	2/14966	2,65
CCI30-36 9x5	30	36	900	9	230	5	125	2/10746	2,79
CCI30-36 12x5	30	36	900	12	300	5	125	2/10747	2,93
CCI30-36 18x5	30	36	900	18	450	5	125	2/10748	3,20
CCI30-36 24x5	30	36	900	24	600	5	125	2/10749	3,48
CCI30-36 30x5	30	36	900	30	750	5	125	2/10750	3,75
CCI30-36 36x5	30	36	900	36	900	5	125	2/10751	4,03
CCI45-36 6x5	45	36	900	6	150	5	125	2/14967	3,49
CCI45-36 9x5	45	36	900	9	230	5	125	2/10752	3,66
CCI45-36 12x5	45	36	900	12	300	5	125	2/10753	3,83
CCI45-36 18x5	45	36	900	18	450	5	125	2/10754	4,17
CCI45-36 24x5	45	36	900	24	600	5	125	2/10755	4,52
CCI45-36 30x5	45	36	900	30	750	5	125	2/10756	4,86
CCI45-36 36x5	45	36	900	36	900	5	125	2/10757	5,20
CCI-36 6x5	90	36	900	6	150	5	125	2/14968	6,05
CCI-36 9x5	90	36	900	9	230	5	125	2/10758	6,36
CCI-36 12x5	90	36	900	12	300	5	125	2/10759	6,67
CCI-36 18x5	90	36	900	18	450	5	125	2/10760	7,29
CCI-36 24x5	90	36	900	24	600	5	125	2/10761	7,90
CCI-36 30x5	90	36	900	30	750	5	125	2/10762	8,52
CCI-36 36x5	90	36	900	36	900	5	125	2/10763	9,14

2 x JUI 5 (2/11221)

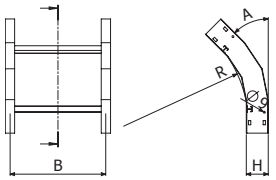


CXI H5



CXI 'A' - 'R' 'B'x'H'

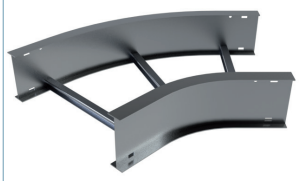
	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXI30-12 6x5	30	12	300	6	150	5	125	2/14969	1,69
CXI30-12 9x5	30	12	300	9	230	5	125	2/10881	1,80
CXI30-12 12x5	30	12	300	12	300	5	125	2/10882	1,90
CXI30-12 18x5	30	12	300	18	450	5	125	2/10883	2,10
CXI30-12 24x5	30	12	300	24	600	5	125	2/10884	2,31
CXI30-12 30x5	30	12	300	30	750	5	125	2/10885	2,52
CXI30-12 36x5	30	12	300	36	900	5	125	2/10886	2,72
CXI45-12 6x5	45	12	300	6	150	5	125	2/14970	2,01
CXI45-12 9x5	45	12	300	9	230	5	125	2/10887	2,11
CXI45-12 12x5	45	12	300	12	300	5	125	2/10888	2,21
CXI45-12 18x5	45	12	300	18	450	5	125	2/10889	2,42
CXI45-12 24x5	45	12	300	24	600	5	125	2/10890	2,63
CXI45-12 30x5	45	12	300	30	750	5	125	2/10891	2,83
CXI45-12 36x5	45	12	300	36	900	5	125	2/10892	3,04
CXI-12 6x5	90	12	300	6	150	5	125	2/14971	3,03
CXI-12 9x5	90	12	300	9	230	5	125	2/10893	3,16
CXI-12 12x5	90	12	300	12	300	5	125	2/10894	3,30
CXI-12 18x5	90	12	300	18	450	5	125	2/10895	3,58
CXI-12 24x5	90	12	300	24	600	5	125	2/10896	3,85
CXI-12 30x5	90	12	300	30	750	5	125	2/10897	4,12
CXI-12 36x5	90	12	300	36	900	5	125	2/10898	4,40
CXI30-24 6x5	30	24	600	6	150	5	125	2/14972	2,14
CXI30-24 9x5	30	24	600	9	230	5	125	2/10899	2,24
CXI30-24 12x5	30	24	600	12	300	5	125	2/10900	2,34
CXI30-24 18x5	30	24	600	18	450	5	125	2/10901	2,55
CXI30-24 24x5	30	24	600	24	600	5	125	2/10902	2,76
CXI30-24 30x5	30	24	600	30	750	5	125	2/10903	2,96
CXI30-24 36x5	30	24	600	36	900	5	125	2/10904	3,17
CXI45-24 6x5	45	24	600	6	150	5	125	2/14973	2,75
CXI45-24 9x5	45	24	600	9	230	5	125	2/10905	2,88
CXI45-24 12x5	45	24	600	12	300	5	125	2/10906	3,02
CXI45-24 18x5	45	24	600	18	450	5	125	2/10907	3,30
CXI45-24 24x5	45	24	600	24	600	5	125	2/10908	3,57
CXI45-24 30x5	45	24	600	30	750	5	125	2/10909	3,84
CXI45-24 36x5	45	24	600	36	900	5	125	2/10910	4,12
CXI-24 6x5	90	24	600	6	150	5	125	2/14974	4,57
CXI-24 9x5	90	24	600	9	230	5	125	2/10911	4,81
CXI-24 12x5	90	24	600	12	300	5	125	2/10912	5,05
CXI-24 18x5	90	24	600	18	450	5	125	2/10913	5,53
CXI-24 24x5	90	24	600	24	600	5	125	2/10914	6,01
CXI-24 30x5	90	24	600	30	750	5	125	2/10915	6,49
CXI-24 36x5	90	24	600	36	900	5	125	2/10916	6,97
CXI30-36 6x5	30	36	900	6	150	5	125	2/14975	2,65
CXI30-36 9x5	30	36	900	9	230	5	125	2/10917	2,79
CXI30-36 12x5	30	36	900	12	300	5	125	2/10918	2,93
CXI30-36 18x5	30	36	900	18	450	5	125	2/10919	3,20
CXI30-36 24x5	30	36	900	24	600	5	125	2/10920	3,48
CXI30-36 30x5	30	36	900	30	750	5	125	2/10921	3,75
CXI30-36 36x5	30	36	900	36	900	5	125	2/10922	4,03
CXI45-36 6x5	45	36	900	6	150	5	125	2/14976	3,49
CXI45-36 9x5	45	36	900	9	230	5	125	2/10923	3,66
CXI45-36 12x5	45	36	900	12	300	5	125	2/10924	3,83
CXI45-36 18x5	45	36	900	18	450	5	125	2/10925	4,17
CXI45-36 24x5	45	36	900	24	600	5	125	2/10926	4,52
CXI45-36 30x5	45	36	900	30	750	5	125	2/10927	4,86
CXI45-36 36x5	45	36	900	36	900	5	125	2/10928	5,20
CXI-36 6x5	90	36	900	6	150	5	125	2/14977	6,05
CXI-36 9x5	90	36	900	9	230	5	125	2/10929	6,36
CXI-36 12x5	90	36	900	12	300	5	125	2/10930	6,67
CXI-36 18x5	90	36	900	18	450	5	125	2/10931	7,29
CXI-36 24x5	90	36	900	24	600	5	125	2/10932	7,90
CXI-36 30x5	90	36	900	30	750	5	125	2/10933	8,52
CXI-36 36x5	90	36	900	36	900	5	125	2/10934	9,14



CXI 'A' - 'R' 'B'x'H'

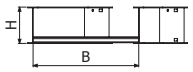
2 x JUI 5 (2/11221)

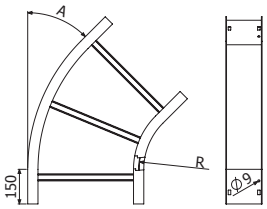
CPI H6



CPI 'A' - 'R' 'B'x'H'

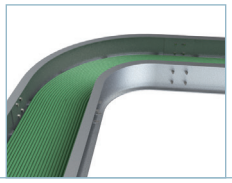
	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPI30-12 9X6	30	12	300	9	230	6	150	2/10593	1,83
CPI30-12 12X6	30	12	300	12	300	6	150	2/10594	1,96
CPI30-12 18X6	30	12	300	18	450	6	150	2/10595	2,22
CPI30-12 24X6	30	12	300	24	600	6	150	2/10596	2,76
CPI30-12 30X6	30	12	300	30	750	6	150	2/10597	3,09
CPI30-12 36X6	30	12	300	36	900	6	150	2/10598	3,42
CPI45-12 9X6	45	12	300	9	230	6	150	2/10599	2,17
CPI45-12 12X6	45	12	300	12	300	6	150	2/10600	2,47
CPI45-12 18X6	45	12	300	18	450	6	150	2/10601	2,86
CPI45-12 24X6	45	12	300	24	600	6	150	2/10602	3,25
CPI45-12 30X6	45	12	300	30	750	6	150	2/10603	3,64
CPI45-12 36X6	45	12	300	36	900	6	150	2/10604	4,45
CPI90-12 9X6	90	12	300	9	230	6	150	2/10605	3,29
CPI90-12 12X6	90	12	300	12	300	6	150	2/10606	3,72
CPI90-12 18X6	90	12	300	18	450	6	150	2/10607	4,37
CPI90-12 24X6	90	12	300	24	600	6	150	2/10608	5,28
CPI90-12 30X6	90	12	300	30	750	6	150	2/10609	6,00
CPI90-12 36X6	90	12	300	36	900	6	150	2/10610	7,12
CPI30-24 9X6	30	24	600	9	230	6	150	2/10611	2,33
CPI30-24 12X6	30	24	600	12	300	6	150	2/10612	2,59
CPI30-24 18X6	30	24	600	18	450	6	150	2/10613	2,92
CPI30-24 24X6	30	24	600	24	600	6	150	2/10614	3,25
CPI30-24 30X6	30	24	600	30	750	6	150	2/10615	3,58
CPI30-24 36X6	30	24	600	36	900	6	150	2/10616	3,91
CPI45-24 9X6	45	24	600	9	230	6	150	2/10617	3,02
CPI45-24 12X6	45	24	600	12	300	6	150	2/10618	3,21
CPI45-24 18X6	45	24	600	18	450	6	150	2/10619	3,60
CPI45-24 24X6	45	24	600	24	600	6	150	2/10620	4,27
CPI45-24 30X6	45	24	600	30	750	6	150	2/10621	4,73
CPI45-24 36X6	45	24	600	36	900	6	150	2/10622	5,19
CPI90-24 9X6	90	24	600	9	230	6	150	2/10623	4,88
CPI90-24 12X6	90	24	600	12	300	6	150	2/10624	5,34
CPI90-24 18X6	90	24	600	18	450	6	150	2/10625	6,06
CPI90-24 24X6	90	24	600	24	600	6	150	2/10626	7,04
CPI90-24 30X6	90	24	600	30	750	6	150	2/10627	7,83
CPI90-24 36X6	90	24	600	36	900	6	150	2/10628	9,02
CPI30-36 9X6	30	36	900	9	230	6	150	2/10629	2,92
CPI30-36 12X6	30	36	900	12	300	6	150	2/10630	3,09
CPI30-36 18X6	30	36	900	18	450	6	150	2/10631	3,42
CPI30-36 24X6	30	36	900	24	600	6	150	2/10632	3,75
CPI30-36 30X6	30	36	900	30	750	6	150	2/10633	4,08
CPI30-36 36X6	30	36	900	36	900	6	150	2/10634	4,82
CPI45-36 9X6	45	36	900	9	230	6	150	2/10635	3,76
CPI45-36 12X6	45	36	900	12	300	6	150	2/10636	4,09
CPI45-36 18X6	45	36	900	18	450	6	150	2/10637	4,55
CPI45-36 24X6	45	36	900	24	600	6	150	2/10638	5,01
CPI45-36 30X6	45	36	900	30	750	6	150	2/10639	5,47
CPI45-36 36X6	45	36	900	36	900	6	150	2/10640	6,34
CPI90-36 9X6	90	36	900	9	230	6	150	2/10641	6,47
CPI90-36 12X6	90	36	900	12	300	6	150	2/10642	6,96
CPI90-36 18X6	90	36	900	18	450	6	150	2/10643	7,75
CPI90-36 24X6	90	36	900	24	600	6	150	2/10644	8,80
CPI90-36 30X6	90	36	900	30	750	6	150	2/10645	9,65
CPI90-36 36X6	90	36	900	36	900	6	150	2/10646	10,92



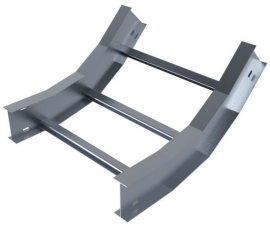


CPI 'A' - 'R' 'B'x'H'

2 x JUI 6 (2/11222)

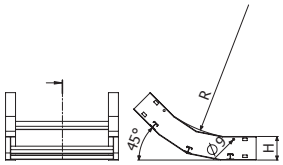


CCI H6

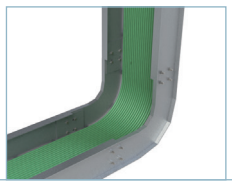


CCI 'A' - 'R' 'B'x'H'

	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCI30-12 9X6	**30**	**12**	300	**9**	230	**6**	150	2/10764	2,00
CCI30-12 12X6	**30**	**12**	300	**12**	300	**6**	150	2/10765	2,10
CCI30-12 18X6	**30**	**12**	300	**18**	450	**6**	150	2/10766	2,30
CCI30-12 24X6	**30**	**12**	300	**24**	600	**6**	150	2/10767	2,51
CCI30-12 30X6	**30**	**12**	300	**30**	750	**6**	150	2/10768	2,72
CCI30-12 36X6	**30**	**12**	300	**36**	900	**6**	150	2/10769	2,92
CCI45-12 9X6	**45**	**12**	300	**9**	230	**6**	150	2/10770	2,37
CCI45-12 12X6	**45**	**12**	300	**12**	300	**6**	150	2/10771	2,47
CCI45-12 18X6	**45**	**12**	300	**18**	450	**6**	150	2/10772	2,68
CCI45-12 24X6	**45**	**12**	300	**24**	600	**6**	150	2/10773	2,88
CCI45-12 30X6	**45**	**12**	300	**30**	750	**6**	150	2/10774	3,09
CCI45-12 36X6	**45**	**12**	300	**36**	900	**6**	150	2/10775	3,29
CCI90-12 9X6	**90**	**12**	300	**9**	230	**6**	150	2/10776	3,69
CCI90-12 12X6	**90**	**12**	300	**12**	300	**6**	150	2/10777	3,86
CCI90-12 18X6	**90**	**12**	300	**18**	450	**6**	150	2/10778	4,20
CCI90-12 24X6	**90**	**12**	300	**24**	600	**6**	150	2/10779	4,54
CCI90-12 30X6	**90**	**12**	300	**30**	750	**6**	150	2/10780	4,89
CCI90-12 36X6	**90**	**12**	300	**36**	900	**6**	150	2/10781	5,23
CCI30-24 9X6	**30**	**24**	600	**9**	230	**6**	150	2/10782	2,49
CCI30-24 12X6	**30**	**24**	600	**12**	300	**6**	150	2/10783	2,59
CCI30-24 18X6	**30**	**24**	600	**18**	450	**6**	150	2/10784	2,80
CCI30-24 24X6	**30**	**24**	600	**24**	600	**6**	150	2/10785	3,00
CCI30-24 30X6	**30**	**24**	600	**30**	750	**6**	150	2/10786	3,21
CCI30-24 36X6	**30**	**24**	600	**36**	900	**6**	150	2/10787	3,42
CCI45-24 9X6	**45**	**24**	600	**9**	230	**6**	150	2/10788	3,21
CCI45-24 12X6	**45**	**24**	600	**12**	300	**6**	150	2/10789	3,35
CCI45-24 18X6	**45**	**24**	600	**18**	450	**6**	150	2/10790	3,62
CCI45-24 24X6	**45**	**24**	600	**24**	600	**6**	150	2/10791	3,90
CCI45-24 30X6	**45**	**24**	600	**30**	750	**6**	150	2/10792	4,17
CCI45-24 36X6	**45**	**24**	600	**36**	900	**6**	150	2/10793	4,45
CCI90-24 9X6	**90**	**24**	600	**9**	230	**6**	150	2/10794	5,38
CCI90-24 12X6	**90**	**24**	600	**12**	300	**6**	150	2/10795	5,62
CCI90-24 18X6	**90**	**24**	600	**18**	450	**6**	150	2/10796	6,10
CCI90-24 24X6	**90**	**24**	600	**24**	600	**6**	150	2/10797	6,58
CCI90-24 30X6	**90**	**24**	600	**30**	750	**6**	150	2/10798	7,06
CCI90-24 36X6	**90**	**24**	600	**36**	900	**6**	150	2/10799	7,54
CCI30-36 9X6	**30**	**36**	900	**9**	230	**6**	150	2/10800	3,09
CCI30-36 12X6	**30**	**36**	900	**12**	300	**6**	150	2/10801	3,23
CCI30-36 18X6	**30**	**36**	900	**18**	450	**6**	150	2/10802	3,50
CCI30-36 24X6	**30**	**36**	900	**24**	600	**6**	150	2/10803	3,77
CCI30-36 30X6	**30**	**36**	900	**30**	750	**6**	150	2/10804	4,05
CCI30-36 36X6	**30**	**36**	900	**36**	900	**6**	150	2/10805	4,32
CCI45-36 9X6	**45**	**36**	900	**9**	230	**6**	150	2/10806	4,06
CCI45-36 12X6	**45**	**36**	900	**12**	300	**6**	150	2/10807	4,23
CCI45-36 18X6	**45**	**36**	900	**18**	450	**6**	150	2/10808	4,57
CCI45-36 24X6	**45**	**36**	900	**24**	600	**6**	150	2/10809	4,91
CCI45-36 30X6	**45**	**36**	900	**30**	750	**6**	150	2/10810	5,26
CCI45-36 36X6	**45**	**36**	900	**36**	900	**6**	150	2/10811	5,60
CCI90-36 9X6	**90**	**36**	900	**9**	230	**6**	150	2/10812	7,07
CCI90-36 12X6	**90**	**36**	900	**12**	300	**6**	150	2/10813	7,37
CCI90-36 18X6	**90**	**36**	900	**18**	450	**6**	150	2/10814	7,99
CCI90-36 24X6	**90**	**36**	900	**24**	600	**6**	150	2/10815	8,61
CCI90-36 30X6	**90**	**36**	900	**30**	750	**6**	150	2/10816	9,23
CCI90-36 36X6	**90**	**36**	900	**36**	900	**6**	150	2/10817	9,84

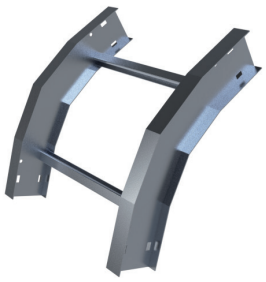


CCI 'A' - 'R' 'B'x'H'



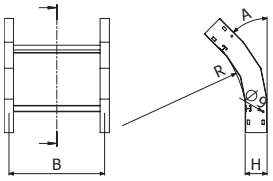
2 x JUI 6 (2/11222)

CXI H6



CXI 'A' - 'R' 'B'x'H'

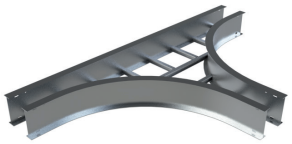
	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXI30-12 9X6	30	12	300	9	230	6	150	2/10935	2,00
CXI30-12 12X6	30	12	300	12	300	6	150	2/10936	2,10
CXI30-12 18X6	30	12	300	18	450	6	150	2/10937	2,30
CXI30-12 24X6	30	12	300	24	600	6	150	2/10938	2,51
CXI30-12 30X6	30	12	300	30	750	6	150	2/10939	2,72
CXI30-12 36X6	30	12	300	36	900	6	150	2/10940	2,92
CXI45-12 9X6	45	12	300	9	230	6	150	2/10941	2,37
CXI45-12 12X6	45	12	300	12	300	6	150	2/10942	2,47
CXI45-12 18X6	45	12	300	18	450	6	150	2/10943	2,68
CXI45-12 24X6	45	12	300	24	600	6	150	2/10944	2,88
CXI45-12 30X6	45	12	300	30	750	6	150	2/10945	3,09
CXI45-12 36X6	45	12	300	36	900	6	150	2/10946	3,29
CXI90-12 9X6	90	12	300	9	230	6	150	2/10947	3,69
CXI90-12 12X6	90	12	300	12	300	6	150	2/10948	3,86
CXI90-12 18X6	90	12	300	18	450	6	150	2/10949	4,20
CXI90-12 24X6	90	12	300	24	600	6	150	2/10950	4,54
CXI90-12 30X6	90	12	300	30	750	6	150	2/10951	4,89
CXI90-12 36X6	90	12	300	36	900	6	150	2/10952	5,23
CXI30-24 9X6	30	24	600	9	230	6	150	2/10953	2,49
CXI30-24 12X6	30	24	600	12	300	6	150	2/10954	2,59
CXI30-24 18X6	30	24	600	18	450	6	150	2/10955	2,80
CXI30-24 24X6	30	24	600	24	600	6	150	2/10956	3,00
CXI30-24 30X6	30	24	600	30	750	6	150	2/10957	3,21
CXI30-24 36X6	30	24	600	36	900	6	150	2/10958	3,42
CXI45-24 9X6	45	24	600	9	230	6	150	2/10959	3,21
CXI45-24 12X6	45	24	600	12	300	6	150	2/10960	3,35
CXI45-24 18X6	45	24	600	18	450	6	150	2/10961	3,62
CXI45-24 24X6	45	24	600	24	600	6	150	2/10962	3,90
CXI45-24 30X6	45	24	600	30	750	6	150	2/10963	4,17
CXI45-24 36X6	45	24	600	36	900	6	150	2/10964	4,45
CXI90-24 9X6	90	24	600	9	230	6	150	2/10965	5,38
CXI90-24 12X6	90	24	600	12	300	6	150	2/10966	5,62
CXI90-24 18X6	90	24	600	18	450	6	150	2/10967	6,10
CXI90-24 24X6	90	24	600	24	600	6	150	2/10968	6,58
CXI90-24 30X6	90	24	600	30	750	6	150	2/10969	7,06
CXI90-24 36X6	90	24	600	36	900	6	150	2/10970	7,54
CXI30-36 9X6	30	36	900	9	230	6	150	2/10971	3,09
CXI30-36 12X6	30	36	900	12	300	6	150	2/10972	3,23
CXI30-36 18X6	30	36	900	18	450	6	150	2/10973	3,50
CXI30-36 24X6	30	36	900	24	600	6	150	2/10974	3,77
CXI30-36 30X6	30	36	900	30	750	6	150	2/10975	4,05
CXI30-36 36X6	30	36	900	36	900	6	150	2/10976	4,32
CXI45-36 9X6	45	36	900	9	230	6	150	2/10977	4,06
CXI45-36 12X6	45	36	900	12	300	6	150	2/10978	4,23
CXI45-36 18X6	45	36	900	18	450	6	150	2/10979	4,57
CXI45-36 24X6	45	36	900	24	600	6	150	2/10980	4,91
CXI45-36 30X6	45	36	900	30	750	6	150	2/10981	5,26
CXI45-36 36X6	45	36	900	36	900	6	150	2/10982	5,60
CXI90-36 9X6	90	36	900	9	230	6	150	2/10983	7,07
CXI90-36 12X6	90	36	900	12	300	6	150	2/10984	7,37
CXI90-36 18X6	90	36	900	18	450	6	150	2/10985	7,99
CXI90-36 24X6	90	36	900	24	600	6	150	2/10986	8,61
CXI90-36 30X6	90	36	900	30	750	6	150	2/10987	9,23
CXI90-36 36X6	90	36	900	36	900	6	150	2/10988	9,84



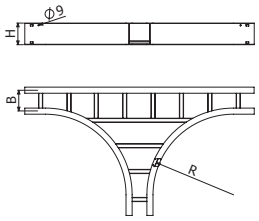
CXI 'A' - 'R' 'B'x'H'

2 x JUI 6 (2/11222)

TEI H4, H5, H6



TEI-'R' 'B'x'H'

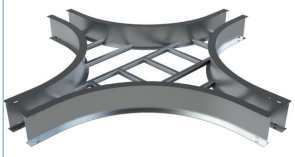


TEI-'R' 'B'x'H'

	R		B		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
TEI-12 6x4	12	300	6	150	4	100	2/10989	4,24
TEI-12 9x4	12	300	9	230	4	100	2/10990	4,61
TEI-12 12x4	12	300	12	300	4	100	2/10991	4,98
TEI-12 18x4	12	300	18	450	4	100	2/10992	5,93
TEI-12 24x4	12	300	24	600	4	100	2/10993	7,02
TEI-12 30x4	12	300	30	750	4	100	2/10994	7,91
TEI-12 36x4	12	300	36	900	4	100	2/10995	9,20
TEI-24 6x4	24	600	6	150	4	100	2/10996	7,09
TEI-24 9x4	24	600	9	230	4	100	2/10997	7,70
TEI-24 12x4	24	600	12	300	4	100	2/10998	8,25
TEI-24 18x4	24	600	18	450	4	100	2/10999	9,54
TEI-24 24x4	24	600	24	600	4	100	2/11000	10,70
TEI-24 30x4	24	600	30	750	4	100	2/11001	12,20
TEI-24 36x4	24	600	36	900	4	100	2/11002	13,84
TEI-36 6x4	36	900	6	150	4	100	2/11003	10,01
TEI-36 9x4	36	900	9	230	4	100	2/11004	10,66
TEI-36 12x4	36	900	12	300	4	100	2/11005	11,45
TEI-36 18x4	36	900	18	450	4	100	2/11006	12,81
TEI-36 24x4	36	900	24	600	4	100	2/11007	14,45
TEI-36 30x4	36	900	30	750	4	100	2/11008	16,22
TEI-36 36x4	36	900	36	900	4	100	2/11009	17,72
TEI-12 6x5	12	300	6	150	5	125	2/14978	4,51
TEI-12 9x5	12	300	9	230	5	125	2/11010	4,89
TEI-12 12x5	12	300	12	300	5	125	2/11011	5,27
TEI-12 18x5	12	300	18	450	5	125	2/11012	6,24
TEI-12 24x5	12	300	24	600	5	125	2/11013	7,35
TEI-12 30x5	12	300	30	750	5	125	2/11014	8,24
TEI-12 36x5	12	300	36	900	5	125	2/11015	9,55
TEI-24 6x5	24	600	6	150	5	125	2/14979	7,53
TEI-24 9x5	24	600	9	230	5	125	2/11016	8,15
TEI-24 12x5	24	600	12	300	5	125	2/11017	8,70
TEI-24 18x5	24	600	18	450	5	125	2/11018	10,01
TEI-24 24x5	24	600	24	600	5	125	2/11019	11,19
TEI-24 30x5	24	600	30	750	5	125	2/11020	12,70
TEI-24 36x5	24	600	36	900	5	125	2/11021	14,36
TEI-36 6x5	36	900	6	150	5	125	2/14980	10,61
TEI-36 9x5	36	900	9	230	5	125	2/11022	11,27
TEI-36 12x5	36	900	12	300	5	125	2/11023	12,06
TEI-36 18x5	36	900	18	450	5	125	2/11024	13,44
TEI-36 24x5	36	900	24	600	5	125	2/11025	15,09
TEI-36 30x5	36	900	30	750	5	125	2/11026	16,88
TEI-36 36x5	36	900	36	900	5	125	2/11027	18,40
TEI-12 9x6	12	300	9	230	6	150	2/11028	5,30
TEI-12 12x6	12	300	12	300	6	150	2/11029	5,69
TEI-12 18x6	12	300	18	450	6	150	2/11030	6,68
TEI-12 24x6	12	300	24	600	6	150	2/11031	7,81
TEI-12 30x6	12	300	30	750	6	150	2/11032	8,73
TEI-12 36x6	12	300	36	900	6	150	2/11033	10,06
TEI-24 9x6	24	600	9	230	6	150	2/11034	8,79
TEI-24 12x6	24	600	12	300	6	150	2/11035	9,35
TEI-24 18x6	24	600	18	450	6	150	2/11036	10,69
TEI-24 24x6	24	600	24	600	6	150	2/11037	11,88
TEI-24 30x6	24	600	30	750	6	150	2/11038	13,42
TEI-24 36x6	24	600	36	900	6	150	2/11039	15,10
TEI-36 9x6	36	900	9	230	6	150	2/11040	12,15
TEI-36 12x6	36	900	12	300	6	150	2/11041	12,95
TEI-36 18x6	36	900	18	450	6	150	2/11042	14,35
TEI-36 24x6	36	900	24	600	6	150	2/11043	16,03
TEI-36 30x6	36	900	30	750	6	150	2/11044	17,84
TEI-36 36x6	36	900	36	900	6	150	2/11045	19,38

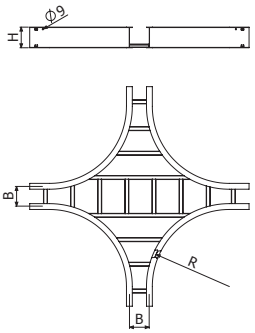
2 x JUI 4 (2/11220)
2 x JUI 5 (2/11221)
2 x JUI 6 (2/11222)

CRI H4, H5, H6



CRI-'R' 'B'x'H'

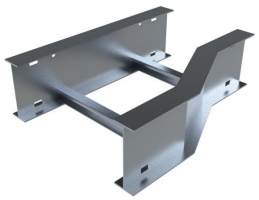
	R		B		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
CRI-12 6x4	12	300	6	150	4	100	2/11046	5,30
CRI-12 9x4	12	300	9	230	4	100	2/11047	5,64
CRI-12 12x4	12	300	12	300	4	100	2/11048	5,98
CRI-12 18x4	12	300	18	450	4	100	2/11049	6,87
CRI-12 24x4	12	300	24	600	4	100	2/11050	7,90
CRI-12 30x4	12	300	30	750	4	100	2/11051	8,73
CRI-12 36x4	12	300	36	900	4	100	2/11052	9,96
CRI-24 6x4	24	600	6	150	4	100	2/11053	8,46
CRI-24 9x4	24	600	9	230	4	100	2/11054	8,98
CRI-24 12x4	24	600	12	300	4	100	2/11055	9,42
CRI-24 18x4	24	600	18	450	4	100	2/11056	10,52
CRI-24 24x4	24	600	24	600	4	100	2/11057	11,48
CRI-24 30x4	24	600	30	750	4	100	2/11058	12,78
CRI-24 36x4	24	600	36	900	4	100	2/11059	14,23
CRI-36 6x4	36	900	6	150	4	100	2/11060	11,70
CRI-36 9x4	36	900	9	230	4	100	2/11061	12,22
CRI-36 12x4	36	900	12	300	4	100	2/11062	12,87
CRI-36 18x4	36	900	18	450	4	100	2/11063	13,96
CRI-36 24x4	36	900	24	600	4	100	2/11064	15,34
CRI-36 30x4	36	900	30	750	4	100	2/11065	16,84
CRI-36 36x4	36	900	36	900	4	100	2/11066	18,08
CRI-12 6x5	12	300	6	150	5	125	2/14981	5,62
CRI-12 9x5	12	300	9	230	5	125	2/11067	5,97
CRI-12 12x5	12	300	12	300	5	125	2/11068	6,31
CRI-12 18x5	12	300	18	450	5	125	2/11069	7,20
CRI-12 24x5	12	300	24	600	5	125	2/11070	8,23
CRI-12 30x5	12	300	30	750	5	125	2/11071	9,05
CRI-12 36x5	12	300	36	900	5	125	2/11072	10,29
CRI-24 6x5	24	600	6	150	5	125	2/14982	8,99
CRI-24 9x5	24	600	9	230	5	125	2/11073	9,50
CRI-24 12x5	24	600	12	300	5	125	2/11074	9,95
CRI-24 18x5	24	600	18	450	5	125	2/11075	11,05
CRI-24 24x5	24	600	24	600	5	125	2/11076	12,01
CRI-24 30x5	24	600	30	750	5	125	2/11077	13,31
CRI-24 36x5	24	600	36	900	5	125	2/11078	14,75
CRI-36 6x5	36	900	6	150	5	125	2/14983	12,42
CRI-36 9x5	36	900	9	230	5	125	2/11079	12,94
CRI-36 12x5	36	900	12	300	5	125	2/11080	13,59
CRI-36 18x5	36	900	18	450	5	125	2/11081	14,69
CRI-36 24x5	36	900	24	600	5	125	2/11082	16,06
CRI-36 30x5	36	900	30	750	5	125	2/11083	17,57
CRI-36 36x5	36	900	36	900	5	125	2/11084	18,80
CRI-12 9x6	12	300	9	230	6	150	2/11085	6,44
CRI-12 12x6	12	300	12	300	6	150	2/11086	6,78
CRI-12 18x6	12	300	18	450	6	150	2/11087	7,67
CRI-12 24x6	12	300	24	600	6	150	2/11088	8,70
CRI-12 30x6	12	300	30	750	6	150	2/11089	9,52
CRI-12 36x6	12	300	36	900	6	150	2/11090	10,76
CRI-24 9x6	24	600	9	230	6	150	2/11091	10,26
CRI-24 12x6	24	600	12	300	6	150	2/11092	10,71
CRI-24 18x6	24	600	18	450	6	150	2/11093	11,80
CRI-24 24x6	24	600	24	600	6	150	2/11094	12,76
CRI-24 30x6	24	600	30	750	6	150	2/11095	14,07
CRI-24 36x6	24	600	36	900	6	150	2/11096	15,51
CRI-36 9x6	36	900	9	230	6	150	2/11097	13,98
CRI-36 12x6	36	900	12	300	6	150	2/11098	14,64
CRI-36 18x6	36	900	18	450	6	150	2/11099	15,73
CRI-36 24x6	36	900	24	600	6	150	2/11100	17,10
CRI-36 30x6	36	900	30	750	6	150	2/11101	18,61
CRI-36 36x6	36	900	36	900	6	150	2/11102	19,85



CRI-'R' 'B'x'H'

2 x JUI 4 (2/11220)
2 x JUI 5 (2/11221)
2 x JUI 6 (2/11222)

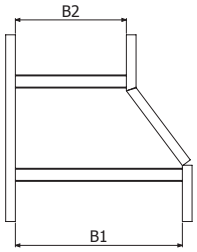
RII H4, H5, H6



RII 'B1'/'B2'X'H'

	B1		B2		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RII 9/6x4	**9**	230	**6**	150	**4**	100	2/11103	1,40
RII 12/9x4	**12**	300	**9**	230	**4**	100	2/11104	1,46
RII 12/6x4	**12**	300	**6**	150	**4**	100	2/11105	1,49
RII 18/12x4	**18**	450	**12**	300	**4**	100	2/11106	1,62
RII 18/9x4	**18**	450	**9**	230	**4**	100	2/11107	1,66
RII 18/6x4	**18**	450	**6**	150	**4**	100	2/11108	1,72
RII 24/18x4	**24**	600	**18**	450	**4**	100	2/11109	1,76
RII 24/12x4	**24**	600	**12**	300	**4**	100	2/11110	1,85
RII 24/9x4	**24**	600	**9**	230	**4**	100	2/11111	1,91
RII 30/24x4	**30**	750	**24**	600	**4**	100	2/11112	1,97
RII 30/18x4	**30**	750	**18**	450	**4**	100	2/11113	2,05
RII 30/12x4	**30**	750	**12**	300	**4**	100	2/11114	2,16
RII 36/30x4	**36**	900	**30**	750	**4**	100	2/11115	2,12
RII 36/24x4	**36**	900	**24**	600	**4**	100	2/11116	2,20
RII 36/18x4	**36**	900	**18**	450	**4**	100	2/11117	2,31
RII 9/6x5	**9**	230	**6**	150	**5**	125	2/14984	1,49
RII 12/6x5	**12**	300	**6**	230	**5**	125	2/14985	1,59
RII 12/9x5	**12**	300	**9**	230	**5**	125	2/11118	1,56
RII 18/6x5	**18**	450	**6**	150	**5**	125	2/14986	1,83
RII 18/12x5	**18**	450	**12**	300	**5**	125	2/11119	1,73
RII 18/9x5	**18**	450	**9**	230	**5**	125	2/11120	1,77
RII 24/18x5	**24**	600	**18**	450	**5**	125	2/11121	1,86
RII 24/12x5	**24**	600	**12**	300	**5**	125	2/11122	1,97
RII 24/9x5	**24**	600	**9**	230	**5**	125	2/11123	2,03
RII 30/24x5	**30**	750	**24**	600	**5**	125	2/11124	2,07
RII 30/18x5	**30**	750	**18**	450	**5**	125	2/11125	2,16
RII 30/12x5	**30**	750	**12**	300	**5**	125	2/11126	2,29
RII 36/30x5	**36**	900	**30**	750	**5**	125	2/11127	2,22
RII 36/24x5	**36**	900	**24**	600	**5**	125	2/11128	2,32
RII 36/18x5	**36**	900	**18**	450	**5**	125	2/11129	2,44
RII 12/9x6	**12**	300	**9**	230	**6**	150	2/11130	1,70
RII 18/12x6	**18**	450	**12**	300	**6**	150	2/11131	1,87
RII 18/9x6	**18**	450	**9**	230	**6**	150	2/11132	1,93
RII 24/18x6	**24**	600	**18**	450	**6**	150	2/11133	2,01
RII 24/12x6	**24**	600	**12**	300	**6**	150	2/11134	2,13
RII 24/9x6	**24**	600	**9**	230	**6**	150	2/11135	2,21
RII 30/24x6	**30**	750	**24**	600	**6**	150	2/11136	2,22
RII 30/18x6	**30**	750	**18**	450	**6**	150	2/11137	2,33
RII 30/12x6	**30**	750	**12**	300	**6**	150	2/11138	2,47
RII 36/30x6	**36**	900	**30**	750	**6**	150	2/11139	2,37
RII 36/24x6	**36**	900	**24**	600	**6**	150	2/11140	2,48
RII 36/18x6	**36**	900	**18**	450	**6**	150	2/11141	2,62

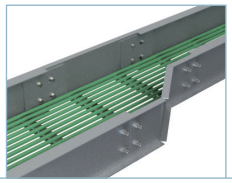




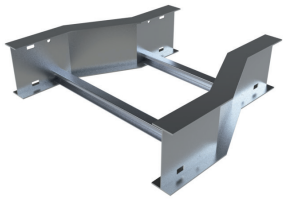
RII 'B1'/'B2'X'H'

B2≤B1

2 x JUI 4 (2/11220)
2 x JUI 5 (2/11221)
2 x JUI 6 (2/11222)

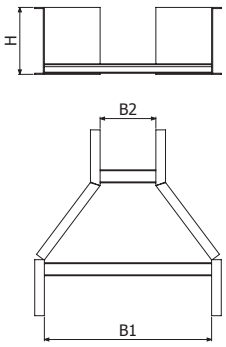


RCI H4, H5, H6



RCI 'B1'/'B2'X'H'

	B1		B2		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RCI 9/6x4	**9**	230	**6**	150	**4**	100	2/11142	1,39
RCI 12/9x4	**12**	300	**9**	230	**4**	100	2/11143	1,46
RCI 12/6x4	**12**	300	**6**	150	**4**	100	2/11144	1,46
RCI 18/12x4	**18**	450	**12**	300	**4**	100	2/11145	1,60
RCI 18/9x4	**18**	450	**9**	230	**4**	100	2/11146	1,61
RCI 18/6x4	**18**	450	**6**	150	**4**	100	2/11147	1,64
RCI 24/18x4	**24**	600	**18**	450	**4**	100	2/11148	1,73
RCI 24/12x4	**24**	600	**12**	300	**4**	100	2/11149	1,78
RCI 24/9x4	**24**	600	**9**	230	**4**	100	2/11150	1,82
RCI 30/24x4	**30**	750	**24**	600	**4**	100	2/11151	1,94
RCI 30/18x4	**30**	750	**18**	450	**4**	100	2/11152	1,98
RCI 30/12x4	**30**	750	**12**	300	**4**	100	2/11153	2,05
RCI 36/30x4	**36**	900	**30**	750	**4**	100	2/11154	2,09
RCI 36/24x4	**36**	900	**24**	600	**4**	100	2/11155	2,13
RCI 36/18x4	**36**	900	**18**	450	**4**	100	2/11156	2,20
RCI 9/6x5	**9**	230	**6**	150	**5**	125	2/14987	1,49
RCI 12/9x5	**12**	300	**9**	230	**5**	125	2/11157	1,56
RCI 12/6x5	**12**	300	**6**	230	**5**	125	2/14988	1,56
RCI 18/12x5	**18**	450	**12**	300	**5**	125	2/11158	1,70
RCI 18/9x5	**18**	450	**9**	230	**5**	125	2/11159	1,72
RCI 18/6x5	**18**	450	**6**	150	**5**	125	2/14989	1,75
RCI 24/18x5	**24**	600	**18**	450	**5**	125	2/11160	1,84
RCI 24/12x5	**24**	600	**12**	300	**5**	125	2/11161	1,89
RCI 24/9x5	**24**	600	**9**	230	**5**	125	2/11162	1,93
RCI 30/24x5	**30**	750	**24**	600	**5**	125	2/11163	2,04
RCI 30/18x5	**30**	750	**18**	450	**5**	125	2/11164	2,09
RCI 30/12x5	**30**	750	**12**	300	**5**	125	2/11165	2,17
RCI 36/30x5	**36**	900	**30**	750	**5**	125	2/11166	2,19
RCI 36/24x5	**36**	900	**24**	600	**5**	125	2/11167	2,24
RCI 36/18x5	**36**	900	**18**	450	**5**	125	2/11168	2,33
RCI 12/9x6	**12**	300	**9**	230	**6**	150	2/11169	1,70
RCI 18/12x6	**18**	450	**12**	300	**6**	150	2/11170	1,84
RCI 18/9x6	**18**	450	**9**	230	**6**	150	2/11171	1,87
RCI 24/18x6	**24**	600	**18**	450	**6**	150	2/11172	1,98
RCI 24/12x6	**24**	600	**12**	300	**6**	150	2/11173	2,05
RCI 24/9x6	**24**	600	**9**	230	**6**	150	2/11174	2,10
RCI 30/24x6	**30**	750	**24**	600	**6**	150	2/11175	2,19
RCI 30/18x6	**30**	750	**18**	450	**6**	150	2/11176	2,25
RCI 30/12x6	**30**	750	**12**	300	**6**	150	2/11177	2,35
RCI 36/30x6	**36**	900	**30**	750	**6**	150	2/11178	2,34
RCI 36/24x6	**36**	900	**24**	600	**6**	150	2/11179	2,40
RCI 36/18x6	**36**	900	**18**	450	**6**	150	2/11180	2,50

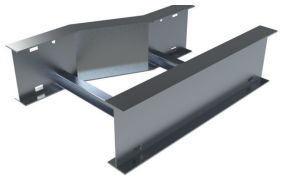


RCI 'B1'/'B2'X'H'

B2≤B1

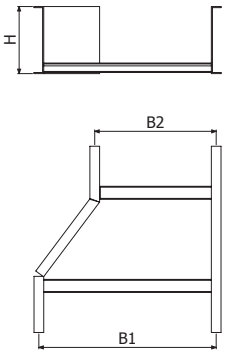
2 x JUI 4 (2/11220)
2 x JUI 5 (2/11221)
2 x JUI 6 (2/11222)

RDI H4, H5, H6

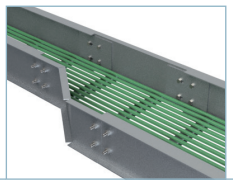


RDI 'B1'/'B2'X'H'

	B1		B2		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RDI 9/6x4	**9**	230	**6**	150	**4**	100	2/11181	1,40
RDI 12/9x4	**12**	300	**9**	230	**4**	100	2/11182	1,46
RDI 12/6x4	**12**	300	**6**	150	**4**	100	2/11183	1,49
RDI 18/12x4	**18**	450	**12**	300	**4**	100	2/11184	1,62
RDI 18/9x4	**18**	450	**9**	230	**4**	100	2/11185	1,66
RDI 18/6x4	**18**	450	**6**	150	**4**	100	2/11186	1,72
RDI 24/18x4	**24**	600	**18**	450	**4**	100	2/11187	1,76
RDI 24/12x4	**24**	600	**12**	300	**4**	100	2/11188	1,85
RDI 24/9x4	**24**	600	**9**	230	**4**	100	2/11189	1,91
RDI 30/24x4	**30**	750	**24**	600	**4**	100	2/11190	1,97
RDI 30/18x4	**30**	750	**18**	450	**4**	100	2/11191	2,05
RDI 30/12x4	**30**	750	**12**	300	**4**	100	2/11192	2,16
RDI 36/30x4	**36**	900	**30**	750	**4**	100	2/11193	2,12
RDI 36/24x4	**36**	900	**24**	600	**4**	100	2/11194	2,20
RDI 36/18x4	**36**	900	**18**	450	**4**	100	2/11195	2,31
RDI 9/6x5	**9**	230	**6**	150	**5**	125	2/14990	1,49
RDI 12/9x5	**12**	300	**9**	230	**5**	125	2/11196	1,56
RDI 12/6x5	**12**	300	**6**	230	**5**	125	2/14991	1,59
RDI 18/12x5	**18**	450	**12**	300	**5**	125	2/11197	1,73
RDI 18/9x5	**18**	450	**9**	230	**5**	125	2/11198	1,77
RDI 18/6x5	**18**	450	**6**	150	**5**	125	2/14992	1,83
RDI 24/18x5	**24**	600	**18**	450	**5**	125	2/11199	1,86
RDI 24/12x5	**24**	600	**12**	300	**5**	125	2/11200	1,97
RDI 24/9x5	**24**	600	**9**	230	**5**	125	2/11201	2,03
RDI 30/24x5	**30**	750	**24**	600	**5**	125	2/11202	2,07
RDI 30/18x5	**30**	750	**18**	450	**5**	125	2/11203	2,16
RDI 30/12x5	**30**	750	**12**	300	**5**	125	2/11204	2,29
RDI 36/30x5	**36**	900	**30**	750	**5**	125	2/11205	2,22
RDI 36/24x5	**36**	900	**24**	600	**5**	125	2/11206	2,32
RDI 36/18x5	**36**	900	**18**	450	**5**	125	2/11207	2,44
RDI 12/9x6	**12**	300	**9**	230	**6**	150	2/11208	1,70
RDI 18/12x6	**18**	450	**12**	300	**6**	150	2/11209	1,87
RDI 18/9x6	**18**	450	**9**	230	**6**	150	2/11210	1,93
RDI 24/18x6	**24**	600	**18**	450	**6**	150	2/11211	2,01
RDI 24/12x6	**24**	600	**12**	300	**6**	150	2/11212	2,13
RDI 24/9x6	**24**	600	**9**	230	**6**	150	2/11213	2,21
RDI 30/24x6	**30**	750	**24**	600	**6**	150	2/11214	2,22
RDI 30/18x6	**30**	750	**18**	450	**6**	150	2/11215	2,33
RDI 30/12x6	**30**	750	**12**	300	**6**	150	2/11216	2,47
RDI 36/30x6	**36**	900	**30**	750	**6**	150	2/11217	2,37
RDI 36/24x6	**36**	900	**24**	600	**6**	150	2/11218	2,48
RDI 36/18x6	**36**	900	**18**	450	**6**	150	2/11219	2,62



RDI 'B1'/'B2'X'H'



B2≤B1

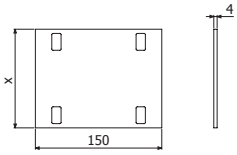
2 x JUI 4 (2/11220)
2 x JUI 5 (2/11221)
2 x JUI 6 (2/11222)

JUI

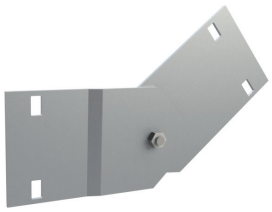


	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI 4	4	100	95	2/11220	0,28
JUI 5	5	125	117	2/11221	0,37
JUI 6	6	150	147	2/11222	0,46

4/50 x B3 i304 (2/12096)

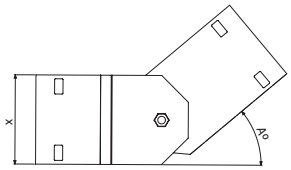


JUI-A



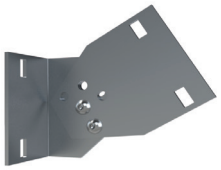
	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI-A 4	4	100	95	2/11223	0,52
JUI-A 5	5	125	117	2/11224	0,68
JUI-A 6	6	150	147	2/11225	0,84

4/50 x B3 i304 (2/12096)



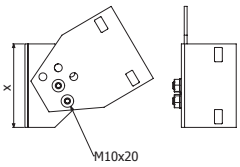
Amáx=75º

JUI-L

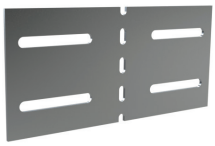


	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI-L 4	4	100	95	2/15062	0,29
JUI-L 5	5	125	117	2/15063	0,38
JUI-L 6	6	150	147	2/15064	0,47

4/50 x B3 i304 (2/12096)

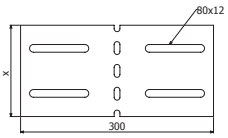


JUI-B

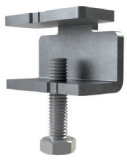


	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI-B 4	4	100	95	2/11236	0,35
JUI-B 5	5	125	117	2/11237	0,47
JUI-B 6	6	150	147	2/11238	0,58

4/50 x B3 i304 (2/12096)

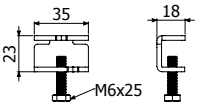


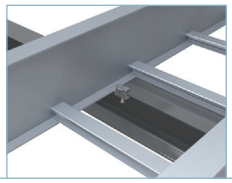
BEV



	H		GC		i304	
	inch	mm	REF	Kg/ud	REF.	kg/ud
BEV	6	150	2/11805	0,07	2/14473	0,05

10



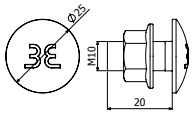


B3



	Pap	i304		i316	
	Nm	REF.	kg/ud	REF.	kg/ud
B3-50	35	2/12096	1,80	2/15575	1,80

15



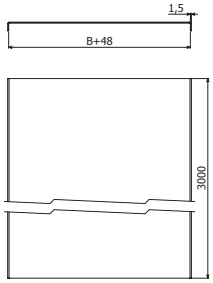
TI



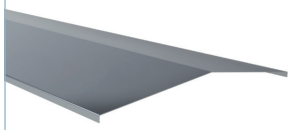
L = 3 m (10 ft)

	B		e	AL	
	inch	mm	mm	REF	Kg/m
TI 6 3M	6	150	1,5	2/12080	1,28
TI 9 3M	9	230	1,5	2/12081	1,68
TI 12 3M	12	300	1,5	2/12082	2,09
TI 18 3M	18	450	1,5	2/12083	2,90
TI 24 3M	24	600	1,5	2/12084	3,71
TI 30 3M	30	750	1,5	2/12085	4,51
TI 36 3M	36	900	1,5	2/12086	5,33

4 x PTI (2/12095) → 1 x TI



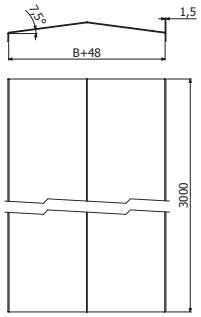
T2AI



L = 3 m (10 ft)

	B		e	AL	
	inch	mm	mm	REF	Kg/m
T2AI 6 3M	6	150	1,5	2/12087	1,33
T2AI 9 3M	9	230	1,5	2/12088	1,94
T2AI 12 3M	12	300	1,5	2/12089	2,55
T2AI 18 3M	18	450	1,5	2/12090	3,78
T2AI 24 3M	24	600	1,5	2/12091	5,00
T2AI 30 3M	30	750	1,5	2/12092	6,23
T2AI 36 3M	36	900	1,5	2/12093	7,46

4 x PT2AI (2/12094) → 1 x T2AI

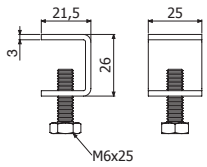


PTI



	Pap	e	AL	
	Nm	mm	REF	Kg/ud
PTI	6	3	2/12095	0,01

10

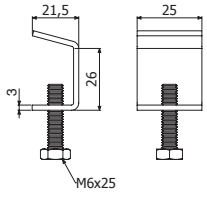


PT2AI

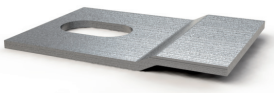


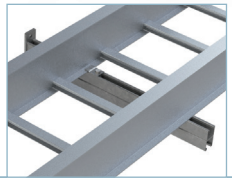
	Pap	e	AL	
	Nm	mm	REF	Kg/ud
PT2AI	6	3	2/12094	0,01

10



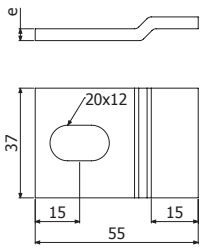
BI

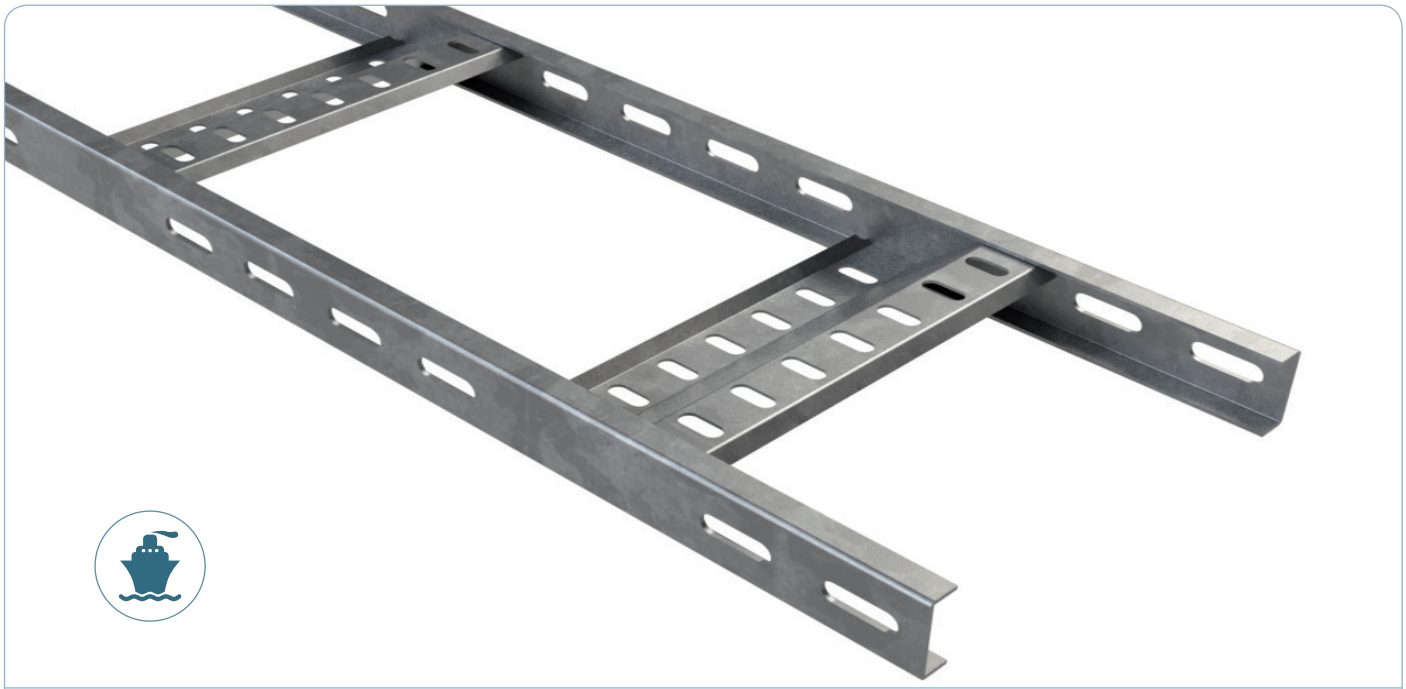




	e	AL	
	mm	REF	Kg/ud
BIS	4	2/14472	0,02
BIR	4	2/15445	0,02

SP/SPD --> DIN933 M10X30 (2/17547 - i304) + TM41 M10 (2/17584 - GC)





L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

6
UNE-EN 61537

20J
UNE-EN 61537

EML

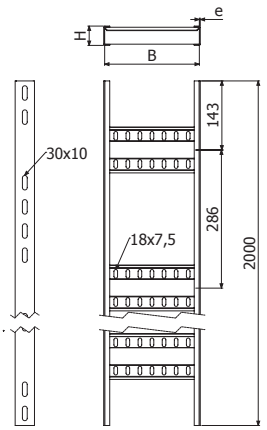


L = 2 m (6,55 ft)

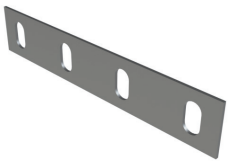
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
EML 100X40X2 2M	100	4"	40	1 4/7"	2	2/11265	2,27
EML 200X40X2 2M	200	8"	40	1 4/7"	2	2/11266	2,74
EML 300X40X2 2M	300	12"	40	1 4/7"	2	2/11267	3,20
EML 400X40X2 2M	400	16"	40	1 4/7"	2	2/11268	3,67
EML 500X40X2 2M	500	20"	40	1 4/7"	2	2/11269	4,15
EML 600X40X2 2M	600	24"	40	1 4/7"	2	2/11270	4,60

2 x JUEML (2/10179 - GS)



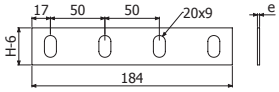


JUEML



	H		e	GS		GC	
	mm	inch	mm	REF.	kg/ud	REF.	kg/ud
JUEML	40	1 4/7"	2	2/10179	0,09	2/10304	0,09

4 x B2 (2/6792- GC)

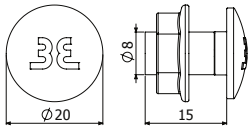


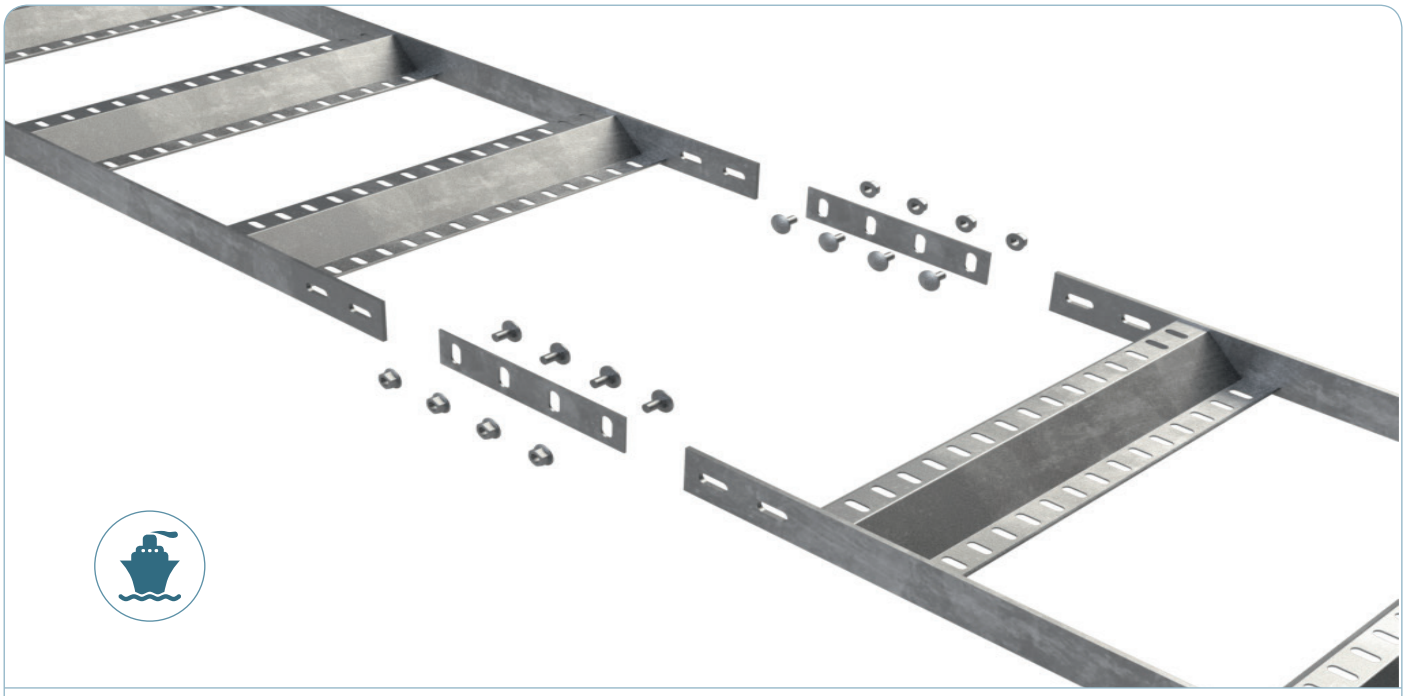
B2



	Pap	GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud
B2-100	15	2/6792	1,83	2/5392	1,71

13





L > 100 m *
UNE-EN 61537

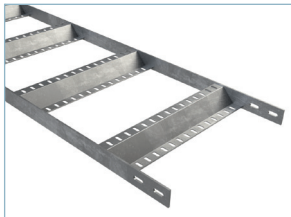
M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

6
UNE-EN 61537

20J
UNE-EN 61537

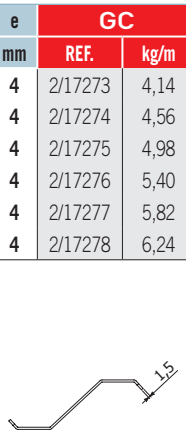
EMS



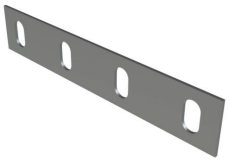
L = 2 m (6,55 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
EMS 100X40X4 2M	100	4"	40	1 4/7"	4	2/17273	4,14
EMS 200X40X4 2M	200	8"	40	1 4/7"	4	2/17274	4,56
EMS 300X40X4 2M	300	12"	40	1 4/7"	4	2/17275	4,98
EMS 400X40X4 2M	400	16"	40	1 4/7"	4	2/17276	5,40
EMS 500X40X4 2M	500	20"	40	1 4/7"	4	2/17277	5,82
EMS 600X40X4 2M	600	24"	40	1 4/7"	4	2/17278	6,24

2 x JUEMS (2/17279 - GS)

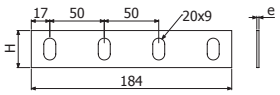


JUEMS



	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUEMS	40	1 4/7"	3	2/17279	0,13

2 x B2 (2/6792 - GC)

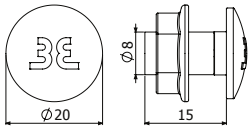


B2



	Pap	GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud
B2-100	15	2/6792	1,83	2/5392	1,71

13





basorsupport

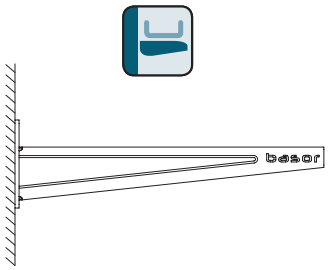
P. 07

P. 13

P. 20

P. 24





C-SHO



GS GC i304

98-45 kg (217-100 lb)

P. 8

SCR



GS GC i304 i316

GS/GC 70-60 kg (155-133 lb)

i304/i316 120-42 kg (264-92 lb)

P. 8

SRB



GS GC

70-60 kg (155-133 lb)

P. 8

SHL



GC i304 i316

250-205 kg (550 - 450 lb)

P. 9

SHR

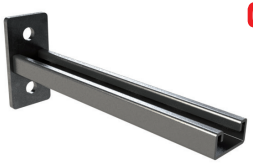


GC i304 i316

480 - 265 kg (1058 - 584 lb)

P. 9

SP2

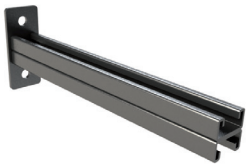


GC

165-117 kg (364-258 lb)

P. 9

SPD2



GC

380-230 kg (838-508 lb)

P. 9

SP



GC i304 i316

350-200 kg (772-441 lb)

P. 10

SPD



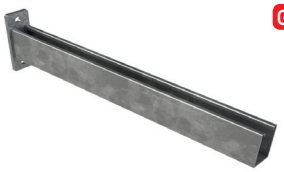
GC i304 i316

GC 500-260 kg (1103-574 lb)

i304/i316 610-320 kg (1344-705 lb)

P. 10

SP8



GC

600-305 kg (1322-672 lb)

P. 10

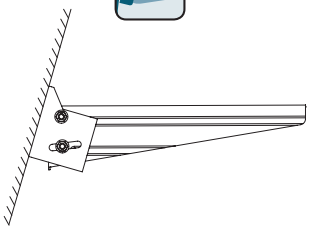
SHST



GS

150 - 100 kg (331 - 221 lb)

P. 12



KS + SCR



GS GC i304 i316

60-40 kg (133-89 lb)

P. 8 / 11

KS + SRB



GS GC

60-40 kg (133-89 lb)

P. 8 / 11

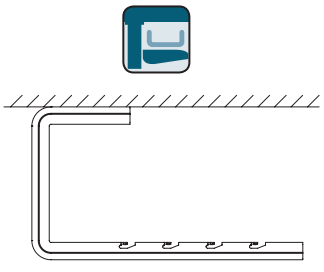
KSR + C-SR



GC i304 i316

135-80 kg (298-177 lb)

P. 12



C-SHOT



GS GC i304 i316

105-37 kg (232-82 lb)

P. 14

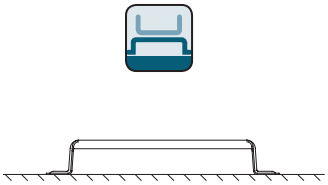
C-SVO + VR8



GS GC i304 i316

250-87 kg (552-192 lb)

P. 14



SV



GS GC i304 i316

120-90 kg (265-199 lb)

P. 19

220-180 kg (486-397 lb)

P. 19

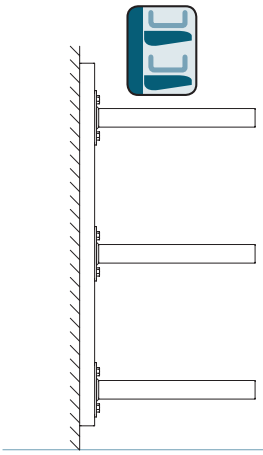
PBF



GS GC i304 i316

250 kg (551 lb)

P. 19



SVP+SP



350-200 kg (772-441 lb)

P. 11

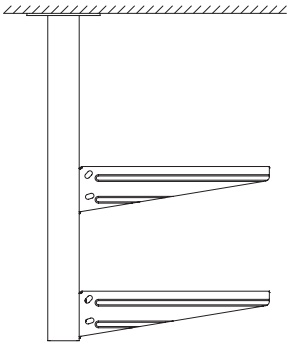
I8 + SHV

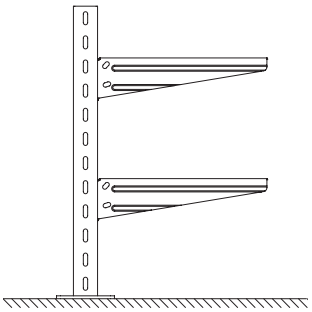


200 kg (441 lb)

P. 11







C-SHO400+C-SHO



80-39 kg (177-86 lb)

P. 14

SUL+SCR/SRB



315-106 kg (695-234 lb)

P. 15

SU/SUR + SCR/SRB/SHL/SHR



431-160 kg (951-353 lb) / **705-310 kg** (1555-684 lb)

P. 15 / 20

SZ+SCR/SRB



429-167 kg (946-369 lb)

P. 17 / 20

SP3S + SHST



328-98 kg (723-216 lb)

P. 16

SP+SP/SHL



470-170 kg (1037-375 lb)

P. 16 / 20

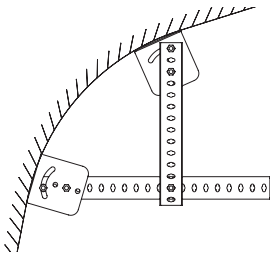
SPD+SP/SHR

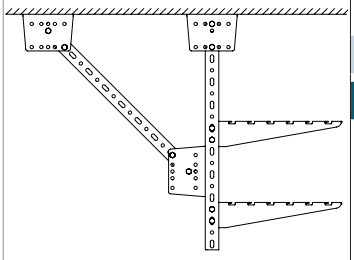


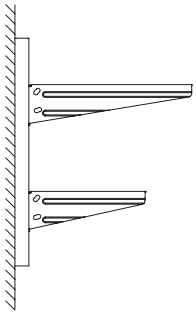
837-313 kg (1846-691 lb)

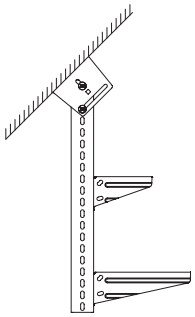
P. 16 / 20











CT30





P. 23

P. 23

PC









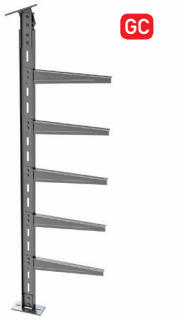
P. 24 / 25

41X41X2-3S + SBL41



P. 26

I8





P. 17 / 26 / 27

41/82







UNE-EN 61537
UNE 23727

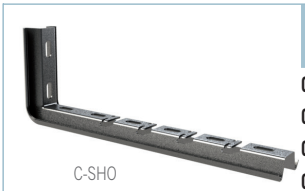
UNE-EN 61537

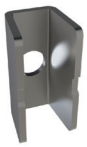
150°C
-50°C
UNE-EN 61537

CTA kg (lb)

		B mm (inch)										
		50 (2")	100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	500 (20")	600 (24")	700 (28")	800 (32")	1000 (40")
C-SHO	3 6 9A 9B	-	98 (217)	90 (199)	69 (153)	45 (100)	-	-	-	-	-	-
SCR	3 6	70 (55)	70 (55)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	-	-
	9A 9B	120 (264)	120 (264)	87 (191)	70 (154)	50 (110)	42 (92)	53 (116)	45 (99)	-	-	-
SRB	3 6	-	70 (155)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	-	-
SHL	6 9C 9D	-	205 (450)	205 (450)	205 (450)	250 (550)	250 (550)	250 (550)	250 (550)	-	-	-
SP2	6	-	165 (364)	-	141 (311)	117 (258)	-	-	-	-	-	-
SPD2	6	-	380 (838)	-	325 (717)	268 (591)	230 (508)	-	-	-	-	-
SHR	6 9C 9D	-	-	-	-	480 (1058)	365 (804)	300 (661)	285 (628)	270 (595)	265 (584)	-
SP	6 9C 9D	-	350 (772)	350 (772)	350 (772)	290 (640)	250 (552)	220 (486)	200 (441)	-	-	-
SPD	6	-	-	-	-	-	500 (1103)	500 (1103)	430 (948)	370 (816)	320 (706)	260 (574)
	9C 9D	-	-	-	-	-	610 (1344)	610 (1344)	520 (1146)	450 (992)	390 (859)	320 (705)
SP8	6	-	-	-	-	-	600 (1322)	600 (1322)	600 (1322)	540 (1190)	464 (1022)	305 (672)
SP+R450	6	-	-	-	-	-	724 (1597)	592 (1306)	501 (1105)	434 (957)	383 (845)	310 (684)
SPD+R450	6	-	-	-	-	-	-	1123 (2476)	950 (2095)	823 (1815)	726 (1601)	588 (1297)
SHST	3	-	150 (331)	150 (331)	150 (331)	150 (331)	120 (265)	100 (221)	100 (221)	-	-	-
SVP+SP	6	-	-	350 (772)	350 (772)	290 (640)	250 (552)	220 (486)	200 (441)	-	-	-
I8+SHV	6	-	-	-	-	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)	-
KS+SCR/SRB	3 6	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	55 (122)	50 (111)	40 (89)	40 (89)	-	-
KSR+C-SR	3 6 9A 9B	-	-	-	135 (298)	120 (265)	110 (243)	100 (221)	80 (177)	-	-	-

C-SHO


C-SHO


PSHO

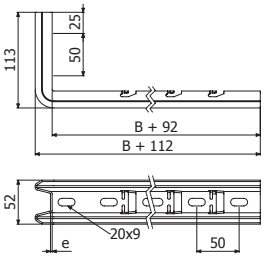


	B		e	CTA		GS		GC		e i304	i304		i316	
	mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
C-SHO 100	100	4"	1,5	98	217	2/7230	0,38	2/7239	0,28	1,5	2/7490	0,29	2/17824	0,29
C-SHO 150	150	6"	2	90	199	2/7231	0,43	2/7240	0,47	1,5	2/7491	0,34	2/18415	0,34
C-SHO 200	200	8"	2	69	153	2/7232	0,49	2/7241	0,53	1,5	2/7492	0,40	2/17825	0,40
C-SHO 300	300	12"	2	45	100	2/7233	0,55	2/7242	0,59	1,5	2/7493	0,50	2/17826	0,50
PSHO	-	-	2	-	-	2/6240	0,03	2/6318	0,03	2	2/18139	0,03	2/18479	0,03

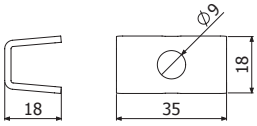
TFSO (2/0894)

B1 (2/4356-EZ / 2/6826-GC / 2/4925-i304)


TFSO

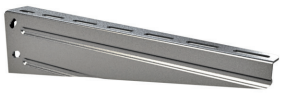


C-SHO



PSHO

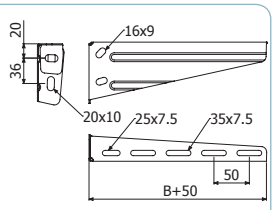
SCR



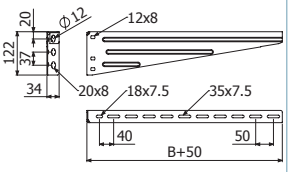
	B		e	CTA		GS		GC		e i304	CTA		i304		i316	
	mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud	mm	kg	lb	REF.	kg/ud	REF.	kg/ud
SCR 50	50	2"	1,5	70	155	2/0975	0,19	2/3450	0,20	1,5	120	264	2/0994	0,12	2/18433	0,12
SCR 100	100	4"	1,5	70	155	2/0976	0,24	2/0980	0,27	1,5	120	264	2/0995	0,22	2/17829	0,20
SCR 150	150	6"	1,5	60	133	2/0977	0,30	2/0981	0,33	1,5	87	191	2/0996	0,27	2/18434	0,27
SCR 200	200	8"	1,5	60	133	2/0978	0,38	2/0982	0,42	1,5	70	154	2/4691	0,32	2/18435	0,32
SCR 300	300	12"	2	60	133	2/0997	0,66	2/1002	0,68	1,5	50	110	2/1020	0,42	2/18436	0,42
SCR 400	400	16"	2	60	133	2/0998	0,83	2/1003	0,85	1,5	42	92	2/1021	0,52	2/18437	0,52
SCR 500	500	20"	2	60	133	2/0999	0,95	2/1004	1,03	1,5	53	116	2/4464	0,83	2/18438	0,83
SCR 600	600	24"	2	60	133	2/1000	1,11	2/1005	1,20	1,5	45	99	2/1022	0,97	2/18439	0,97
SCR 750	750	30"	2	60	133	2/3438	1,50	2/1006	1,81	☎	-	-	☎	☎	☎	☎

B1 (2/4356-EZ / 2/6826-GC / 2/4925-i304 / 2/18388-i316)

CTBF (2/4362-EZ / 2/7132-GC / 2/4923-i304 / 2/8229-i316)

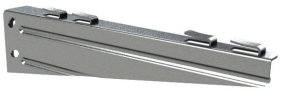


SCR 50/100/200/300/400

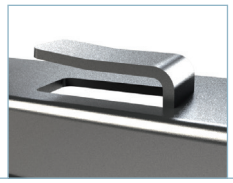


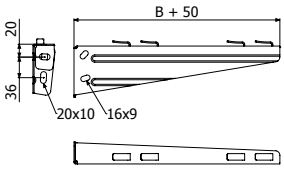
SCR 500/600/750

SRB

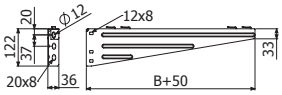


		B		e	CTA		GS		GC	
		mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud
SRB 100	2	100	4"	1,5	70	155	2/6372	0,25	2/6379	0,27
SRB 150	2	150	6"	1,5	60	133	2/6373	0,26	2/6380	0,29
SRB 200	3	200	8"	1,5	60	133	2/6374	0,38	2/6381	0,42
SRB 300	4	300	12"	2	60	133	2/6375	0,66	2/6382	0,68
SRB 400	4	400	16"	2	60	133	2/6376	0,80	2/6383	0,85
SRB 500	4	500	20"	2	60	133	2/6377	1,01	2/6384	1,09
SRB 600	4	600	24"	2	60	133	2/6378	1,11	2/6385	1,20

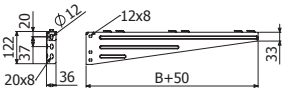




SRB 100/150/200/300/400



SRB 500



SRB 600

SHL

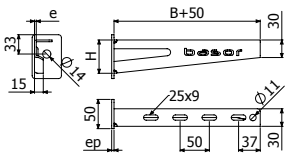


	B		e	ep	H		CTA		GC	
	mm	inch	mm	mm	mm	inch	kg	lb	REF.	kg/ud
SHL 100	100	4"	1,5	4	47	1 6/7"	205	450	2/6866	0,33
SHL 150	150	6"	1,5	4	53	2"	205	450	2/6867	0,39
SHL 200	200	8"	1,5	4	58	2 2/7"	205	450	2/6868	0,51
SHL 300	300	12"	1,5	6	68	2 2/3"	250	550	2/6869	0,69
SHL 400	400	16"	1,5	6	79	3 1/9"	250	550	2/6870	0,98
SHL 500	500	20"	2	6	89	3 1/2"	250	550	2/6871	1,16
SHL 600	600	24"	2	6	100	4"	250	550	2/6872	1,51

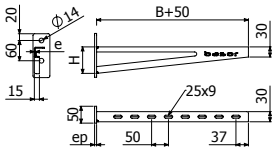
B1 (2/4356-EZ / 2/6826-GC)

CTBF (2/4362-EZ / 2/7132-GC)

BFE (2/0863-GC) + B2 (2/6792-GC)

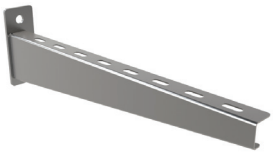


SHL 100/150/200



SHL 300/400/500/600

SHL

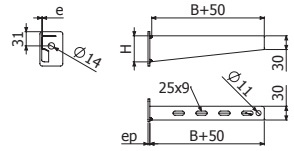


	B		e	ep	H		CTA		i304		i316	
	mm	inch	mm	mm	mm	inch	kg	lb	REF.	kg/ud	REF.	kg/ud
SHL 100	100	4"	1,5	4	47	1 6/7"	205	450	2/17141	0,30	2/18449	0,30
SHL 150	150	6"	1,5	4	53	2"	205	450	2/17142	0,35	2/18450	0,35
SHL 200	200	8"	1,5	4	58	2 2/7"	205	450	2/17143	0,46	2/18451	0,46
SHL 300	300	12"	1,5	6	68	2 2/3"	250	550	2/17144	0,62	2/18452	0,62
SHL 400	400	16"	1,5	6	79	3 1/9"	250	550	2/17145	0,88	2/18453	0,88
SHL 500	500	20"	2	6	89	3 1/2"	250	550	2/17146	1,04	2/18454	1,04
SHL 600	600	24"	2	6	100	4"	250	550	2/17147	1,36	2/18455	1,36

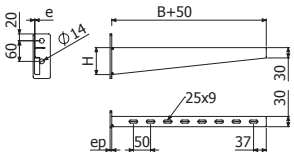
B1 (2/4925 i304 // 2/18388 i316)

CTBF (2/4923 i304 // 2/8229 i316)

BFE (2/3293 i304 // 2/18530 i316) + B2 (2/5392 i304 // 2/18443 i316)



SHL 100-200



SHL 300-600

SHR

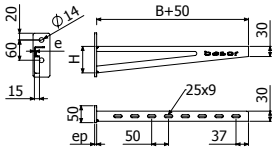


	B		e	ep	H		CTA		GC	
	mm	inch	mm	mm	mm	inch	kg	lb	REF.	kg/ud
SHR 300	300	12"	2,5	6	68	2 2/3"	480	1058	2/5525	0,93
SHR 400	400	16"	2,5	6	79	3 1/9"	365	804	2/1023	1,16
SHR 500	500	20"	2,5	6	89	3 1/2"	300	661	2/1024	1,47
SHR 600	600	24"	2,5	6	100	4"	285	628	2/1025	1,75
SHR 700	700	28"	2,5	6	110	4 1/3"	270	595	2/1026	2,10
SHR 800	800	32"	2,5	6	120	4 /5/7"	265	584	2/1027	2,41

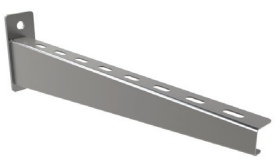
B1 (2/4356-EZ / 2/6826-GC)

CTBF (2/4362-EZ / 2/7132-GC)

BFE (2/0863-GC) + B2 (2/6792-GC)



SHR

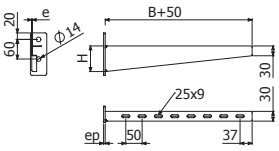


	B		e	ep	H		CTA		i304		i316	
	mm	inch	mm	mm	mm	inch	kg	lb	REF.	kg/ud	REF.	kg/ud
SHR 300	300	12"	2,5	6	68	2 2/3"	480	1058	2/18122	0,89	2/18456	0,89
SHR 400	400	16"	2,5	6	79	3 1/9"	365	804	2/18123	1,10	2/18457	1,10
SHR 500	500	20"	2,5	6	89	3 1/2"	300	661	2/18124	1,40	2/18458	1,40
SHR 600	600	24"	2,5	6	100	4"	285	628	2/18125	1,67	2/18459	1,67
SHR 700	700	28"	2,5	6	110	4 1/3"	270	595	2/18126	2,00	2/18460	2,00
SHR 800	800	32"	2,5	6	120	4 /5/7"	265	584	2/18127	2,30	2/18461	2,30

B1 (2/4925 i304 // 2/18388 i316)

CTBF (2/4923 i304 // 2/8229 i316)

BFE (2/3293 i304 // 2/18530 i316) + B2 (2/5392 i304 // 2/18443 i316)



SP2

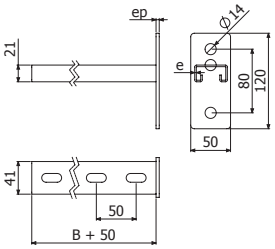


	B		e	ep	CTA		GC	
	mm	inch	mm	mm	kg	lb	REF.	kg/ud
SP2 100	100	4"	2	4	165	364	2/8778	0,53
SP2 200	200	8"	2	4	141	311	2/8779	0,61
SP2 300	300	12"	2	4	117	258	2/8780	0,88

B1 (2/4356-EZ / 2/6826-GC) + DIN9021 M6 (2/7023-EZ / 2/7022-i304)

CFBFR41 (2/10284)

DIN933 M8x25 (2/17546-i304) + TAD M8 (0/0494-EZ)



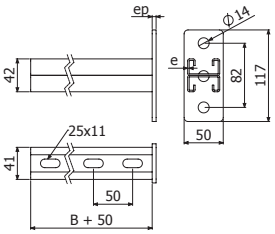
SPD2



	B		e	ep	CTA		GC	
	mm	inch	mm	mm	kg	lb	REF.	kg/ud
SPD2 200	200	8"	2	4	325	717	2/8781	1,07
SPD2 300	300	12"	2	4	265	591	2/8782	1,40
SPD2 400	400	16"	2	4	230	508	2/8783	1,73

CFBFR41 (2/10284)

DIN933 M8x25 (2/17546-i304) + TAD M8 (2/17558-EZ) + BFE (2/0863-GC)



SP



	B		e	ep	SP		SP+REF		GC		e	i304		i316	
	mm	inch	mm	mm	kg	lb	kg	lb	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
SP 100	100	4"	2,5	4	350	772	-	-	2/6495	0,58	2	2/18128	0,56	2/18462	0,56
SP 150	150	6"	2,5	4	350	772	-	-	2/4939	0,71	2	2/18129	0,68	2/18463	0,68
SP 200	200	8"	2,5	4	350	772	-	-	2/4733	0,84	2	2/18130	0,80	2/18464	0,80
SP 300	300	12"	2,5	4	290	640	-	-	2/4734	1,11	2	2/18131	1,06	2/18465	1,06
SP 400	400	16"	2,5	4	250	552	724	1597	2/1036	1,38	2	2/18132	1,32	2/18466	1,32
SP 500	500	20"	2,5	4	220	486	592	1306	2/1037	1,64	2				
SP 600	600	24"	2,5	6	200	441	501	1105	2/4938	1,91	2				
SP 800	800	32"	2,5	6	-	-	383	845	2/1038	2,44	2	☎	☎	☎	☎
SP 1000	1000	40"	2,5	6	-	-	310	684	2/5086	3,06	2				
R450	450	18"	-	8	-	-	-	-	2/7325	1,77	-				

TF41 PVC (2/5627)

ISO7380 M6x25 (2/17582-EZ / 2/17601-i304) + TM41 M6 (2/17556-EZ / 2/8225-GC / 2/18593-i316)

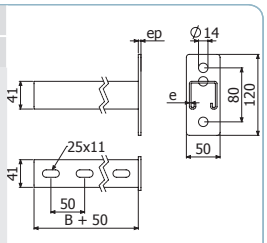
CFBFR41 (2/10284) / ISO7380 M6x25 (2/17582-EZ / 2/17601-i304) + SSC (2/2064-EZ / 2/0363-GC / 2/0373-i304 / 2/18553-i316) + TM41 M6 (2/17556-EZ / 2/8225-GC / 2/18593-i316)

DIN933 M10x30 (2/17547-i304 / 2/17600-i316) + BFE M10 (2/0864-GC / 2/18531-i304 / 2/18532-i316) + TM41 M10 (2/17584-GC / 2/18525-i304 / 2/17612-i316)

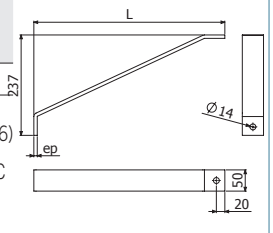




TF41



SP

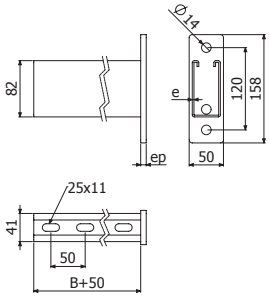


R450

SP8



	B		e	ep	SP8		GC	
	mm	inch	mm	mm	kg	lb	REF.	kg/ud
SP8 400	400	15 3/4"	2,5	8	600	1322	2/9559	2,51
SP8 500	500	19 2/3"	2,5	8	600	1322	2/9560	2,96
SP8 600	600	23 5/8"	2,5	8	600	1322	2/9561	3,4
SP8 700	700	27 5/9"	2,5	8	540	1190	2/9562	3,85
SP8 800	800	31 1/2"	2,5	8	464	1022	2/9563	4,3
SP8 1000	1000	39 3/8"	2,5	8	305	672	2/9564	5,19
SP8 1500	1500	59 "	2,5	8	-	-	2/9565	7,43



SP8

ISO7380 M6x25 (2/17582-EZ / 2/17601-i304) + TM41 M6 (2/17556-EZ / 2/8225-GC / 2/18593-i316)

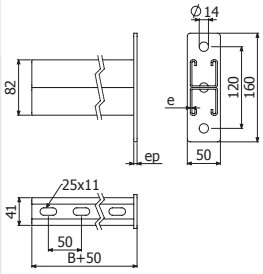
CFBFR41 (2/10284) / ISO7380 M6x25 (2/17582-EZ / 2/17601-i304) + SSC (2/2064-EZ / 2/0363-GC / 2/0373-i304 / 2/18553-i316) + TM41 M6 (2/17556-EZ / 2/8225-GC / 2/18593-i316)

DIN933 M10x30 (2/17547-i304 / 2/17600-i316) + BFE M10 (2/0864-GC / 2/18531-i304 / 2/18532-i316) + TM41 M10 (2/17584-GC / 2/18525-i304 / 2/17612-i316)

SPD



	B		e	ep	SPD		SPD+REF		GC		e	CTA		i304		i316	
	mm	inch	mm	mm	kg	lb	kg	lb	REF.	kg/ud	mm	kg	lb	REF.	kg/ud	REF.	kg/ud
SPD 300	300	12"	2,5	8	500	1103	-	-	2/6251	2,12	2	-	-	☎	☎	☎	☎
SPD 400	400	16"	2,5	8	500	1103	-	-	2/6250	2,65	2	610	1344	2/18133	2,53	2/18467	2,53
SPD 500	500	20"	2,5	8	500	1103	1123	2476	2/6272	3,18	2	610	1344	2/18134	3,03	2/18468	3,03
SPD 600	600	24"	2,5	8	430	948	950	2095	2/5621	3,71	2	520	1146	2/18135	3,54	2/18469	3,54
SPD 700	700	28"	2,5	8	370	816	823	1815	2/6273	4,24	2	450	992	2/18136	4,04	2/18470	4,04
SPD 800	800	32"	2,5	8	320	706	726	1601	2/6274	4,77	2	390	859	2/18137	4,55	2/18471	4,55
SPD 1000	1000	40"	2,5	8	260	574	588	1297	2/4641	5,84	2	320	705	2/18138	5,57	2/18472	5,57
R450	450	18"	-	8	-	-	-	-	2/7325	1,77	-	-	-	-	-	-	-



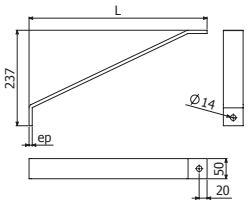
SPD

TF41 PVC (2/5627)

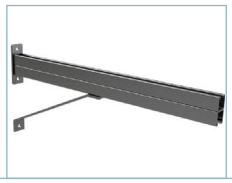
ISO7380 M6x25 (2/17582-EZ / 2/17601-i304) + TM41 M6 (2/17556-EZ / 2/8225-GC / 2/18593-i316)

CFBFR41 (2/10284) / ISO7380 M6x25 (2/17582-EZ / 2/17601-i304) + SSC (2/2064-EZ / 2/0363-GC / 2/0373-i304 / 2/18553-i316) + TM41 M6 (2/17556-EZ / 2/8225-GC / 2/18593-i316)

DIN933 M10x30 (2/17547-i304 / 2/17600-i316) + BFE M10 (2/0864-GC / 2/18531-i304 / 2/18532-i316) + TM41 M10 (2/17584-GC / 2/18525-i304 / 2/17612-i316)



R450

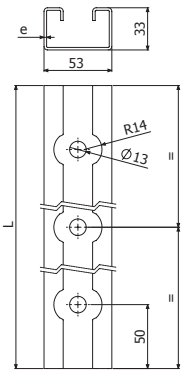



TF41

SVP

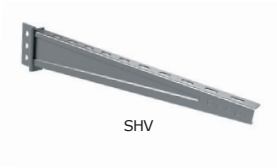


		e	L		Mmax	GC	
		mm	mm	inch	kg/m	REF.	kg/ud
SVP 500	2	2	500	20"	40,9	2/3633	1,26
SVP 700	3	2	700	28"	40,9	2/5953	1,76
SVP 800	3	2	800	32"	40,9	2/4958	1,98
SVP 1000	3	2	1000	40"	40,9	2/6340	2,50

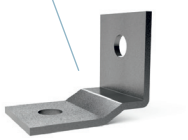


SHL/SHR/SP/SPD + DIN933 M10x30 (2/17547-i304) + TM41 M10 (2/17584-GC)

I8 + SHV + BI8


SHV


I8


BI8

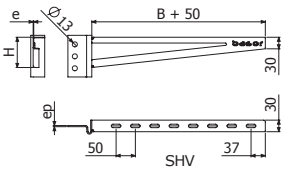
	L	B	BRD P	e	ep	H		CTA		GC	
	mm	inch	n	mm	mm	mm	inch	kg	lb	REF.	kg/ud
I8 600	600	24"	3	-	-	-	-	-	-	2/6345	3,49
I8 1000	1000	40"	3	-	-	-	-	-	-	2/6346	5,81
I8 1300	1300	51" 1/6	4	-	-	-	-	-	-	2/6347	7,55
I8 1500	1500	59"	5	-	-	-	-	-	-	2/6348	8,72
I8 2000	2000	78" 3/4	6	-	-	-	-	-	-	2/6349	11,62
I8 3000	3000	118" 1/9	8	-	-	-	-	-	-	2/6350	17,43
SHV 200	200	8"	-	2,5	3	58	2 2/7	200	441	2/6058	0,99
SHV 300	300	12"	-	2,5	3	68	2 2/3	200	441	2/6271	1,28
SHV 400	400	16"	-	2,5	3	79	3 1/9	200	441	2/6259	1,58
SHV 500	500	20"	-	2,5	3	89	3 1/2	200	441	2/6057	1,88
SHV 600	600	24"	-	2,5	3	100	4	200	441	2/6275	2,17
SHV 700	700	28"	-	2,5	3	110	4 1/3	200	441	2/6276	2,47
SHV 800	800	32"	-	2,5	3	120	4 5/7	200	441	2/6277	2,77
BI8	-	-	-	-	-	-	-	-	-	2/6342	0,19

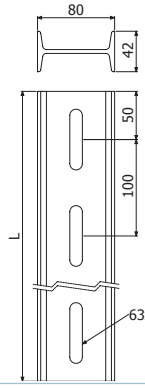
SHV + 2/100 x CT1 M10x30 (2/6320-I304)

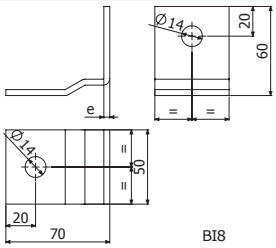
B1 (2/4356-EZ / 2/6826-GC)

CTBF (2/4362-EZ / 2/7132-GC)

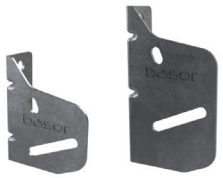
BFE (2/0863-GC) + B2 (2/6792-GC)







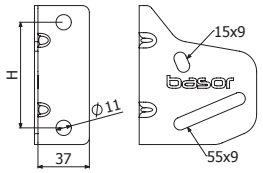
KS


KS

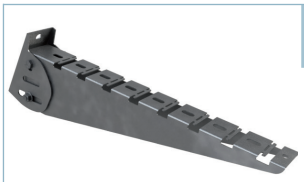

KS + SCR

	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
KS 50_400	76	3"	2/7211	0,22	2/7215	0,23	2/10049	0,22	2/18407	0,22
KS 500_750	94	3 5/7"	2/6289	0,43	2/5881	0,44	2/18077	0,43	2/18408	0,43

SCR / SRB + 2/100 B2 (2/6792-GC / 2/4926-EZ)



KSR + C-SR



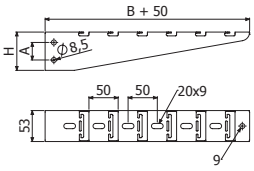
KSR+C-SR



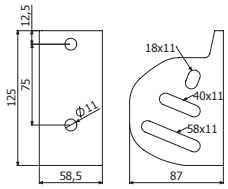
KSR

	B		e	H		A		CTA		GS		GC		i304		i316	
	mm	inch	mm	mm	inch	mm	inch	kg	lb	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
C-SR 100	100	4"	1,5	67	2 2/3"	30	1 1/6"	102	225	2/18543	0,23	2/18545	0,26	2/17815	0,23	2/18541	0,23
C-SR 150	150	6"	1,5	67	2 2/3"	30	1 1/6"	102	225	2/18544	0,29	2/18546	0,32	2/17816	0,29	2/18542	0,29
C-SR 200	200	8"	1,5	67	2 2/3"	30	1 1/6"	102	225	2/7264	0,36	2/3460	0,39	2/17817	0,36	2/18409	0,36
C-SR 300	300	12"	1,5	67	2 2/3"	30	1 1/6"	90	198	2/7265	0,49	2/1032	0,53	2/17818	0,49	2/18410	0,49
C-SR 400	400	16"	1,5	100	4"	60	2 3/8"	159	351	2/7266	0,81	2/1033	0,88	2/17819	0,81	2/18411	0,81
C-SR 500	500	20"	1,5	100	4"	60	2 3/8"	134	295	2/7267	0,97	2/1034	1,06	2/17820	0,97	2/18412	0,97
C-SR 600	600	24"	1,5	100	4"	60	2 3/8"	117	258	2/7268	1,14	2/1035	1,25	2/17821	1,14	2/18413	1,14
KSR	-	-	2	-	-	-	-	-	-	-	-	2/6828	0,35	2/18078	0,33	2/18414	0,33

KSR→ 1 x CT2 M8X75 (2/6793) + 2/100 B2 (2/6792-GC)



C-SR

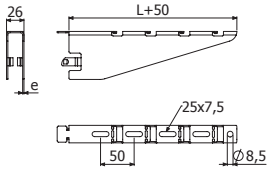


KSR

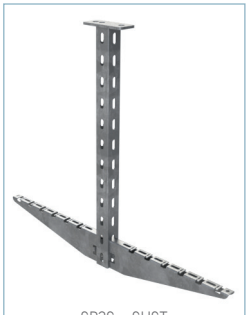
SHST



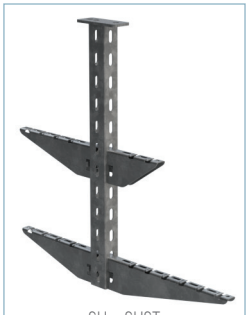
	L		e	CTA		GS	
	mm	inch	mm	kg	lb	REF.	kg/ud
SHST 100	100	4"	1,5	150	331	2/14489	0,20
SHST 150	150	6"	1,5	150	331	2/14490	0,26
SHST 200	200	8"	1,5	150	331	2/14491	0,31
SHST 300	300	12"	2	150	331	2/14492	0,42
SHST 400	400	16"	2	120	265	2/14493	0,54
SHST 500	500	20"	2	100	221	2/14494	0,65
SHST 600	600	24"	2	100	221	2/14495	0,76



B1 (2/4356-EZ / 2/6826-GC)



SP3S + SHST



SU + SHST

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

X X

CTA (kg)

		B mm (inch)										
		50 (2")	100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	500 (20")	600 (24")	700 (28")	800 (32")	1000 (40")
C-SHOT	3 6 9A 9B	-	**105** (232)	**75** (166)	**70** (155)	**37** (82)	-	-	-	-	-	-
C-SVO + 2 VR8	3 6 9A 9B	-	**250** (552)	**200** (441)	**294** (649)	**235** (519)	**161** (355)	**115** (254)	**87** (192)	-	-	-
C-SHO 400	3 6 9A 9B	**80** (177)	**69** (153)	**58** (128)	**50** (111)	**39** (86)	-	-	-	-	-	-
SUL	6	**315** (695)	**267** (589)	**232** (512)	**205** (452)	**166** (366)	**140** (309)	**121** (267)	**106** (234)	-	-	-
SZ	7	**429** (946)	**375** (827)	**333** (735)	**300** (662)	**250** (552)	**214** (472)	**188** (415)	**167** (369)	-	-	-
SU	6 9C 9D	**431** (951)	**431** (951)	**368** (812)	**321** (708)	**255** (563)	**212** (468)	**182** (402)	**160** (353)	-	-	-
SUR	7 9C 9D	-	-	-	**705** (1555)	**582** (1284)	**495** (1092)	**431** (951)	**382** (843)	**342** (754)	**310** (684)	-
SU + R450	6	-	-	-	**489** (1079)	**349** (770)	**272** (600)	**222** (490)	**188** (415)	**163** (360)	**144** (318)	-
SUR + R450	7	-	-	-	**813** (1793)	**670** (1478)	**570** (1257)	**495** (1092)	**438** (966)	**393** (867)	**356** (785)	**300** (662)
SP	6 9C 9D	**470** (1037)	**470** (1037)	**400** (882)	**347** (766)	**275** (607)	**228** (503)	**195** (430)	**170** (375)	-	-	-
SP + R450	6	-	-	-	-	**486** (1072)	**378** (834)	**309** (682)	**262** (578)	**227** (501)	**200** (441)	**162** (358)
SP8	6	-	**926** (2041)	**832** (1834)	**755** (1664)	**638** (1406)	**511** (1126)	**418** (921)	**353** (778)	-	-	-
SPD	6	**837** (1846)	**837** (1846)	**748** (1650)	**675** (1489)	**566** (1248)	**487** (1074)	**428** (944)	**381** (840)	**344** (759)	**313** (691)	-
	9C 9D	**875** (1929)	**875** (1929)	**783** (1726)	**708** (1560)	**594** (1309)	**512** (1128)	**450** (992)	**401** (884)	**362** (798)	**329** (725)	-
SPD + R450	6	-	-	-	-	**810** (1786)	**630** (1389)	**515** (1136)	**436** (962)	**378** (834)	**333** (735)	**270** (596)

C-SHOT



C-SHOT



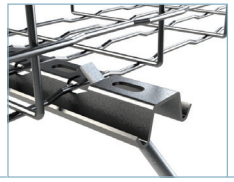
PSHO

	B		CTA		e	GS		GC		e	i304		i316	
	mm	inch	(kg)	lb	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
C-SHOT 100	100	4"	105	232	1,5	2/7235	0,48	2/7244	0,52	1,5	2/7495	0,40	2/18417	0,56
C-SHOT 150	150	6"	75	166	2	2/7236	0,52	2/7245	0,55	1,5	2/7496	0,45	2/18418	0,62
C-SHOT 200	200	8"	70	155	2	2/7237	0,58	2/7246	0,62	1,5	2/7497	0,50	2/18419	0,70
C-SHOT 300	300	12"	37	82	2	2/7238	0,70	2/7247	0,75	1,5	2/7498	0,60	2/18420	0,79
PSHO	-	-	-		2	2/6240	0,03	2/6318	0,04	2	2/18139	0,03	2/18479	0,03

TFSO (2/0894)

1 PSHO (2/6240-GS / 2/6318-GC / 2/18139-I304 / 2/18479-I316)

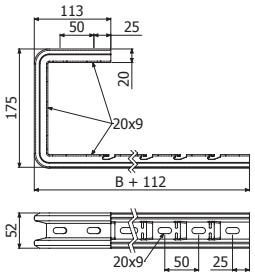
B1 (2/4356-EZ / 2/6826-GC / 2/4925-I304 / 2/18388-i316)



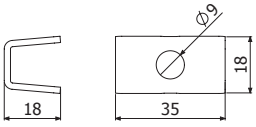




TFSO



C-SHOT



PSHO

C-SVO



	B		e	CTA		GS		GC		e	i304		i316	
	mm	inch	mm	(kg)	lb	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
C-SVO 100	100	4"	1,5	250	552	2/3630	0,24	2/6280	0,25	1,5	2/6285	0,24	2/18421	0,24
C-SVO 150	150	6"	1,5	200	441	2/1073	0,31	2/1078	0,32	1,5	2/1087	0,31	2/18422	0,31
C-SVO 200	200	8"	2	294	649	2/1074	0,37	2/1079	0,39	1,5	2/1088	0,37	2/18423	0,36
C-SVO 300	300	12"	2	235	519	2/1076	0,43	2/1081	0,45	1,5	2/1090	0,48	2/18424	0,48
C-SVO 400	400	16"	2	161	355	2/3629	0,55	2/5719	0,57	1,5	2/6286	0,76	2/18425	0,76
C-SVO 500	500	20"	2	115	254	2/1077	0,67	2/1082	0,69	1,5	2/6287	1,04	2/18426	1,04
C-SVO 600	600	24"	2	87	192	2/5941	0,79	2/5720	0,81	1,5	2/6288	1,31	2/18427	1,31

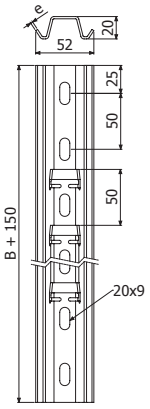
TFSO (2/0894)



TFSO

2 x DIN976 M8x1000 (2/3397-EZ / 2/6852-i304) + 4/100 x DIN6923 M8 (2/17553-EZ / 2/17555-i304))

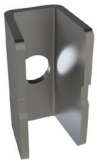
B1 (2/4356-EZ / 2/6826-GC / 2/5392-I304 / 2/18443-i316)



C-SHO



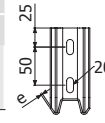
C-SHO 400

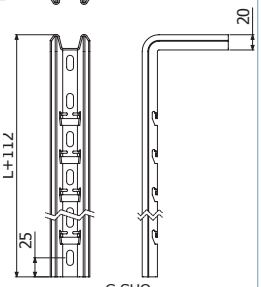


PSHO

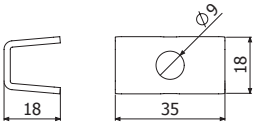
	L		e	Fmáx	Mmáx	Cd	GS		GC		i304		i316	
	mm	inch	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
C-SHO 400	400	16"	2	147	6,8	1,91	2/7234	0,66	2/7243	0,71	2/7494	0,66	2/18416	0,66
PSHO	-	-	2	-	-	-	2/6240	0,03	2/6318	0,03	2/18139	0,30	2/18479	0,30

1 SHO + 2/100 B2 (2/6792-GC / 2/4926-EZ / 2/5392-I304 / 2/18443-i316)





C-SHO



PSHO

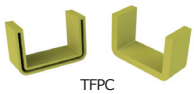
SUL



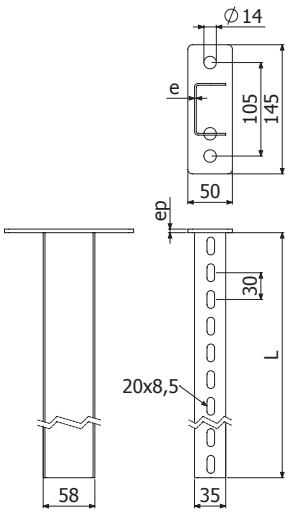
	L		e	ep	Fmáx	Mmáx	GC	
	mm	inch	mm	mm	kg	kg·m	REF.	kg/ud
SUL 210	210	8 1/4"	2	4	383	34,44	2/4518	0,57
SUL 300	300	12"	2	4	383	34,44	2/4519	0,75
SUL 600	600	24"	2	4	383	34,44	2/7280	1,37
TFPC PVC	(2/14809)							

SCR/SRB/SPL/SHL + 2/100 x B2 (2/6792-GC / 2/4926-EZ)





TFPC



SU

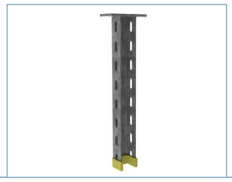


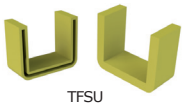
SU

	L		e	ep	Fmáx	Mmáx	Cd	GC		i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SU 400	400	16"	2,5	6	656	51,55	0,191	2/7142	1,19	2/17148	1,13	2/18473	1,13
SU 600	600	24"	2,5	6	656	51,55	0,287	2/7143	1,64	2/17149	1,56	2/18474	1,56
SU 800	800	32"	2,5	6	656	51,55	0,398	2/7144	2,09	2/17150	1,99	2/18475	1,99
TFSU PVC	(2/12114)												

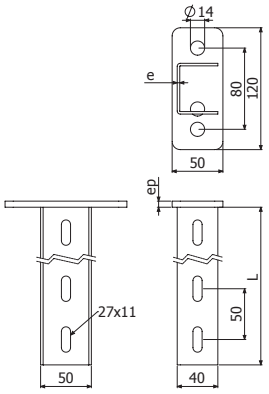
SCR/SRB/SHL/SHR + 2/100 x B2 (2/6792-GC / 2/4926-EZ / 2/5392-i304 / 2/18443-i316)

SHST





TFSU



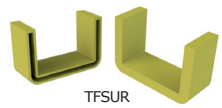
SUR



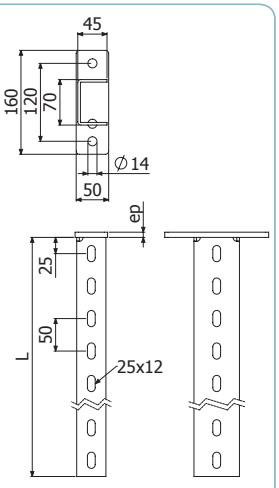
SUR

	L		e	ep	Fmáx	Mmáx	Cd	GC		i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SUR 600	600	24"	4	8	1100	145	0,080	2/7487	3,33	2/17598	2,99	2/18476	2,99
SUR 800	800	32"	4	8	1100	145	0,131	2/7488	4,28	2/17599	3,83	2/18477	3,83
SUR 1000	1000	40"	4	8	1100	145	0,204	2/7489	5,22	2/9881	5,06	2/18478	5,06
TFSUR PVC	(2/14254)												

SHL/SHR/SP/SPD + 2/50 B3 (2/8827-GC / 2/12096-I304 / 2/15575-i316)



TFSUR



SP3S



SP3S

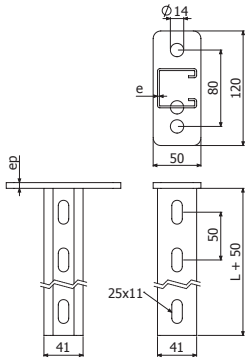


	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SP3S 400	400	16"	2	4	600	32	0,249	2/17308	1,07
SP3S 500	500	20"	2	4	600	32	0,312	2/17309	1,27
SP3S 600	600	24"	2	6	600	32	0,405	2/17310	1,47
SP3S 800	800	32"	2	6	600	32	0,561	2/17311	1,87
TF41 PVC (2/5627)									

SHST



TF41



SP



SP



	L		e	ep	Fmáx	Mmáx	Cd	GC		e	i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
SP 300	300	12"	2,5	4	725	55,15	0,142	2/4734	1,11	2	2/18131	1,06	2/18465	1,06
SP 400	400	16"	2,5	4	725	55,15	0,203	2/1036	1,38	2	2/18132	1,32	2/18466	1,32
SP 500	500	20"	2,5	4	725	55,15	0,265	2/1037	1,64	-	-	-	-	-
SP 600	600	24"	2,5	6	725	55,15	0,326	2/4938	1,91	-	-	-	-	-
SP 800	800	32"	2,5	6	725	55,15	0,509	2/1038	2,44	-	-	-	-	-
TF41 PVC (2/5627)														



TF41

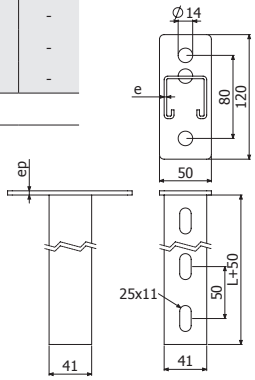
SCR/SRB + 2 x TEP M10x30 (2/17567-EZ)

SHL/SP/SHR + 2/100 x DIN933 M10X30 (2/17547-i304) + 2/100 x TM41 M10 (2/17584-GC / 2/17612-i316)

SCR/SRB + 2/100 x B2 (2/6792-GC)

SPL/SHL/SP + 2/50 x B3 (2/8827-GC)

SHST



SP8

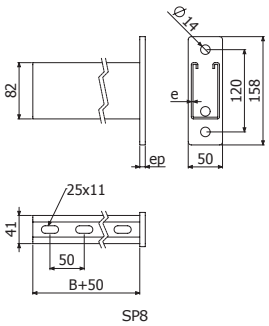


	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SP8 400	400	15 3/4"	2,5	8	1100	115	0,070	2/9559	2,51
SP8 500	500	19 2/3"	2,5	8	1100	115	0,088	2/9560	2,96
SP8 600	600	23 5/8"	2,5	8	1100	115	0,105	2/9561	3,4
SP8 700	700	27 5/9"	2,5	8	1100	115	0,123	2/9562	3,85
SP8 800	800	31 1/2"	2,5	8	1100	115	0,140	2/9563	4,3
SP8 1000	1000	39 3/8"	2,5	8	1100	115	0,175	2/9564	5,19
SP8 1500	1500	59 "	2,5	8	1100	115	0,262	2/9565	7,43

ISO7380 M6x25 (2/17582-EZ / 2/17601-i304) + TM41 M6 (2/17556-EZ / 2/8225-GC)

CFBFR41 (2/10284) / ISO7380 M6x25 (2/17582-EZ /2/17601i304) + SSC (2/2064-EZ / 2/0363-GC) + TM41 M6 (2/17556-EZ / 2/8225-GC)

DIN933 M10x30 (2/17547-i304) + BFE M10 (2/0864-GC) + TM41 M10 (2/17584-GC)



SP8

SPD



SPD

	L		e	ep	Fmáx	Mmáx	Cd	GC		e	Fmáx	Mmáx	Cd	i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud
SPD 500	**500**	20"	**2,5**	**8**	1100	133	0,147	2/6272	3,18	**2**	1144	141	0,139	2/18134	3,03	2/18468	3,03
SPD 600	**600**	24"	**2,5**	**8**	1100	133	0,179	2/5621	3,71	**2**	1144	141	0,17	2/18135	3,54	2/18469	3,54
SPD 700	**700**	28"	**2,5**	**8**	1100	133	0,211	2/6273	4,24	**2**	1144	141	0,20	2/18136	4,04	2/18470	4,04
SPD 800	**800**	32"	**2,5**	**8**	1100	133	0,263	2/6274	4,77	**2**	1144	141	0,249	2/18137	4,55	2/18471	4,55
SPD 1000	**1000**	40"	**2,5**	**8**	1100	133	0,316	2/4641	5,84	**2**	1144	141	0,299	2/18138	5,57	2/18472	5,57

TF41 PVC (2/5627)

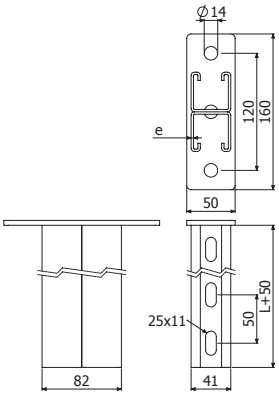
SCR/SRB + 2/100 TEP M10x30 (2/17567-EZ)

SHL/SHR/SP/SPD + 2/100 DIN933 M10x30 (2/17547-i304)
+ 2/100 x TM41 M10 (2/17584-GC / 2/18525-i304 / 2/17612-i316)



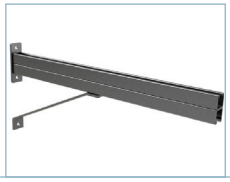
TF41





R450





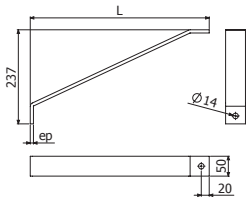
	L		e	GC	
	mm	inch	mm	REF.	kg/ud
R450	**450**	18"	**8**	2/7325	1,77

SU + 1/100 x DIN933 M8x20 (2/17546-i304) + 1/100 x DIN6923 M8 (2/17555-i304)

SP + 1/50 x B3 (2/8827-GC)

SPD + 1/100 x DIN933 M10x30 (2/17547-i304) + 1/100 x TM41 M10 (2/17584-GC)

SUR + 1/50 x B3 (2/8827-GC)



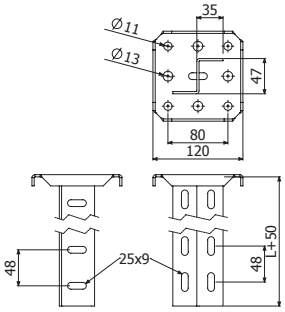
SZ





	L		e	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SZ 300	300	12"	3	556	54,1	0,224	2/1069	1,22
SZ 400	400	16"	3	556	54,1	0,259	2/1070	1,45
SZ 500	500	20"	3	556	54,1	0,345	2/1071	1,69
SZ 600	600	24"	3	556	54,1	0,483	2/1072	1,95

SCR/SRB/SPL/SHL + 2/100 x B2 (2/6792-GC)



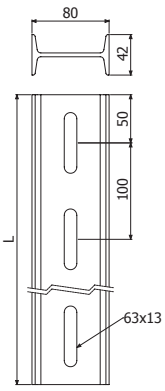
KI8 + I8



KI8+I8

	L		Fmáx	Mmáx	Cd	GC	
	mm	inch	kg	kg·m	mm/kg·m	REF.	kg/ud
I8 600	600	24"	1337	165	0,069	2/6345	3,49
I8 1000	1000	39 3/8"	1337	165	0,092	2/6346	5,81
I8 1300	1300	51 1/6"	1337	165	0,117	2/6347	7,55
I8 1500	1500	59"	1337	165	0,138	2/6348	8,72
I8 2000	2000	78 3/4"	1337	165	0,172	2/6349	11,62
I8 3000	3000	118 1/9"	1337	165	0,275	2/6350	17,43
KI8	-	-	-	-	-	2/6056	1,77
TFI8 PVC (2/6947)							

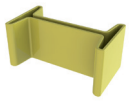
SHV + 2/100 x DIN 933 M12x35 (0/0609-i304) + 2/100 x DIN 934 M12 (2/17604-i304)



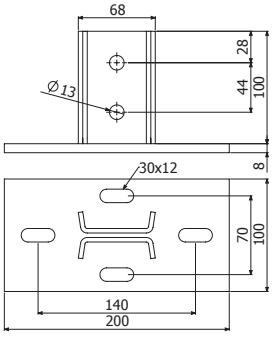
I8



KI8



TFI8



KI8

UNE-EN 61537
UNE 23727

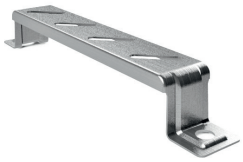
UNE-EN 61537

150°C
-50°C
UNE-EN 61537

CTA kg (lb)

		B mm (inch)						
		100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	500 (20")	600 (24")
SV	 3 6 9A 9B	**276** (609)	**260** (573)	**253** (558)	**207** (456)	**506** (1116)	**460** (1014)	**414** (912)
PBF	 3 6 9A 9B	**250** (551) x 1	**250** (551) x 1	**250** (551) x 1	**250** (551) x 2	**250** (551) x 2	**250** (551) x 2	**250** (551) x 3
SFS+C-SV0	 3 6	**176** (388)	**176** (388)	**176** (388)	**176** (388)	**161** (354)	**115** (253)	**87** (191)
SP	 6	**470** (1037)	**400** (882)	**347** (766)	**275** (607)	**228** (503)	**195** (430)	**170** (375)
SP8	 6	**926** (2041)	**832** (1834)	**755** (1664)	**638** (1406)	**511** (1126)	**418** (921)	**353** (778)
SZ	 6	**267** (589)	**232** (512)	**205** (452)	**166** (366)	**140** (309)	**121** (267)	**106** (234)
SU	 6 9A 9B	**431** (951)	**368** (812)	**321** (708)	**255** (563)	**212** (468)	**182** (402)	**160** (353)
SPD	 6	**837** (1846)	**748** (1650)	**675** (1489)	**566** (1248)	**487** (1074)	**428** (944)	**381** (840)
	9A 9B	**875** (1929)	**783** (1726)	**708** (1560)	**594** (1309)	**428** (1128)	**450** (992)	**401** (884)

SV



SV 100/150/200/300

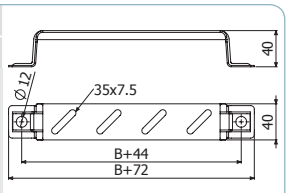


SV 400/500/600

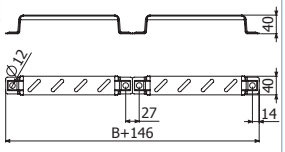
	B		e	CTA		GS		GC		i304		i316	
	mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SV 100	100	4“	1,5	276	609	2/1046	0,09	2/1050	0,10	2/1062	0,09	2/1062	0,10
SV 150	150	6”	1,5	260	573	2/1047	0,12	2/1051	0,13	2/1063	0,12	2/18428	0,12
SV 200	200	8”	1,5	253	558	2/1048	0,17	2/1052	0,19	2/1064	0,17	2/18429	0,17
SV 300	300	12”	1,5	207	456	2/1049	0,23	2/1053	0,25	2/1065	0,23	2/18430	0,23
SV 400	400	16”	1,5	506	1116	2/3413	0,45	2/3418	0,48	2/17822	0,34	2/18431	0,45
SV 500	500	20”	1,5	460	1014	2/3414	0,52	2/3419	0,56	☎	☎	☎	☎
SV 600	600	24”	1,5	414	912	2/3415	0,59	2/3420	0,64	2/17823	0,46	2/18432	0,59

B1 (2/4356-EZ / 2/6826-GC / 2/4925-i304)

CTBF (2/4362-EZ / 2/7132-GC / 2/4923-i304)



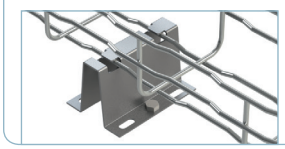
SV 100/150/200/300



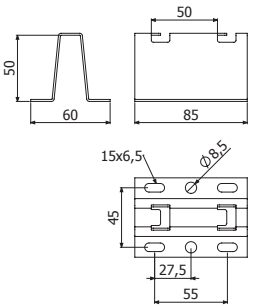
SV 400/500/600

PBF





	e	CTA		GS		GC		i304	
	mm	kg	lb	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
PBF	1,5	250	551	2/5590	0,13	2/4397	0,13	2/8777	0,14



SFS + C-SVO



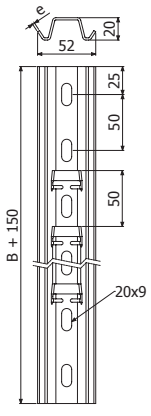
C-SVO



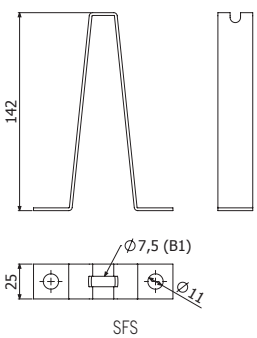
2 SFS+C-SVO

	e	CTA		B		GS		GC	
	mm	kg	lb	mm	inch	REF.	kg/ud	REF.	kg/ud
C-SVO 100	1,5	176	388	100	4”	2/3630	0,24	2/6280	0,25
C-SVO 150	1,5	176	388	150	6”	2/1073	0,31	2/1078	0,32
C-SVO 200	2	176	388	200	8”	2/1074	0,37	2/1079	0,39
C-SVO 300	2	176	388	300	12”	2/1076	0,43	2/1081	0,45
C-SVO 400	2	161	354	400	16”	2/3629	0,55	2/5719	0,57
C-SVO 500	2	115	253	500	20”	2/1077	0,67	2/1082	0,69
C-SVO 600	2	87	191	600	24”	2/5941	0,79	2/5720	0,81
SFS	2	-	-	-	-	2/5602	0,13	☎	☎

2/100 x B1 (2/4356 EZ / 2/6826 GC)



C-SVO



SFS

SP



	L		e	ep	Fmáx	Mmáx	Cd	GC		e	i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
SP 300	300	12”	2,5	4	725	55,15	0,142	2/4734	1,11	2	2/18131	1,06	2/18465	1,06
SP 400	400	16”	2,5	4	725	55,15	0,203	2/1036	1,38	2	2/18132	1,32	2/18466	1,32
SP 500	500	20”	2,5	4	725	55,15	0,265	2/1037	1,64	-	-	-	-	-
SP 600	600	24”	2,5	6	725	55,15	0,326	2/4938	1,91	-	-	-	-	-
SP 800	800	32”	2,5	6	725	55,15	0,509	2/1038	2,44	-	-	-	-	-

TF41 PVC (2/5627)



TF41

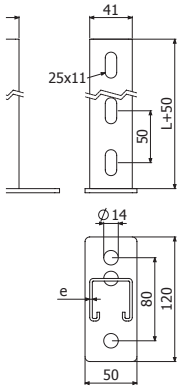
SCR/SRB + 2 x TEP M10x30 (2/17567-EZ)

SHL/SP/SHR + 2/100 x DIN933 M10X30 (2/17547-i304)
+ 2/100 x TM41 M10 (2/17584-GC / 2/17612-i316)

SCR/SRB + 2/100 x B2 (2/6792-GC)

SPL/SHL/SP + 2/50 x B3 (2/8827-GC)

SHST

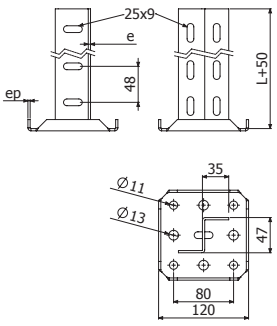


SZ



	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SZ 300	300	12”	3	3	556	54,1	0,224	2/1069	1,22
SZ 400	400	16”	3	3	556	54,1	0,259	2/1070	1,45
SZ 500	500	20”	3	3	556	54,1	0,345	2/1071	1,69
SZ 600	600	24”	3	3	556	54,1	0,483	2/1072	1,95

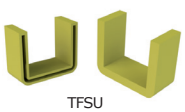
SCR/SRB/SPL/SHL → 2/100 x B2 (2/6792-GC)



SU



SU



TFSU

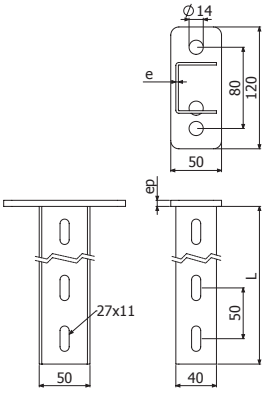
	L		e	ep	Fmáx	Mmáx	Cd	GC		i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SU 400	400	16”	2,5	6	656	51,55	0,191	2/7142	1,19	2/17148	1,13	2/18473	1,13
SU 600	600	24”	2,5	6	656	51,55	0,287	2/7143	1,64	2/17149	1,56	2/18474	1,56
SU 800	800	32”	2,5	6	656	51,55	0,398	2/7144	2,09	2/17150	1,99	2/18475	1,99

TFSU PVC (2/12114)

SCR/SRB/SHL/SHR → 2/100 x B2 (2/6792-GC / 2/5392-I304 / 2/18443-I316)

SHST





SP8

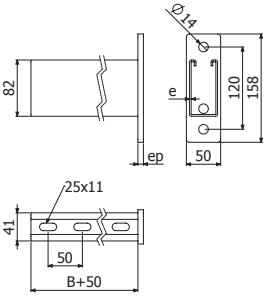


	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SP8 400	400	15 3/4"	2,5	8	1100	115	0,070	2/9559	2,51
SP8 500	500	19 2/3"	2,5	8	1100	115	0,088	2/9560	2,96
SP8 600	600	23 5/8"	2,5	8	1100	115	0,105	2/9561	3,4
SP8 700	700	27 5/9"	2,5	8	1100	115	0,123	2/9562	3,85
SP8 800	800	31 1/2"	2,5	8	1100	115	0,140	2/9563	4,3
SP8 1000	1000	39 3/8"	2,5	8	1100	115	0,175	2/9564	5,19
SP8 1500	1500	59 "	2,5	8	1100	115	0,262	2/9565	7,43

ISO7380 M6x25 (2/17582-EZ / 2/17601-i304) + TM41 M6 (2/17556-EZ / 2/8225-GC)

CFBFR41 (2/10284) / ISO7380 M6x25 (2/17582-EZ /2/17601i304) + SSC (2/2064-EZ / 2/0363-GC) + TM41 M6 (2/17556-EZ / 2/8225-GC)

DIN933 M10x30 (2/17547-i304) + BFE M10 (2/0864-GC) + TM41 M10 (2/17584-GC)



SP8

SPD



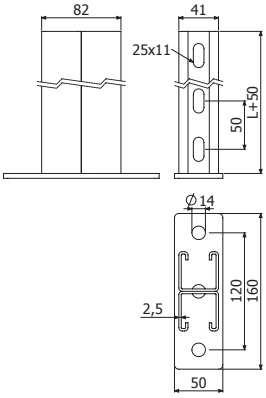
	L		e	ep	Fmáx	Mmáx	Cd	GC		e	Fmáx	Mmáx	Cd	i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud
SPD 500	500	20"	2,5	8	1100	133	0,147	2/6272	3,18	2	1144	141	0,139	2/18134	3,03	2/18468	3,03
SPD 600	600	24"	2,5	8	1100	133	0,179	2/5621	3,71	2	1144	141	0,17	2/18135	3,54	2/18469	3,54
SPD 700	700	28"	2,5	8	1100	133	0,211	2/6273	4,24	2	1144	141	0,20	2/18136	4,04	2/18470	4,04
SPD 800	800	32"	2,5	8	1100	133	0,263	2/6274	4,77	2	1144	141	0,249	2/18137	4,55	2/18471	4,55
SPD 1000	1000	40"	2,5	8	1100	133	0,316	2/4641	5,84	2	1144	141	0,299	2/18138	5,57	2/18472	5,57

TF41 PVC (2/5627)

SCR/SRB + 2/100 TEP M10x30 (2/17567-EZ)

SHL/SHR/SP/SPD + 2/100 DIN933 M10x30 (2/17547-i304) + 2/100 x TM41 M10 (2/17584-GC / 2/18525-i304 / 2/17612-i316)

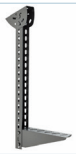

TF41



CTA kg (lb)

	B mm (inch)									
	50 (2")	100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	500 (20")	600 (24")	700 (28")	800 (32")
CT30+SCR/SRB GS GC	70 (154)	70 (154)	70 (154)	70 (154)	70 (154)	70 (154)	60 (132)	60 (132)	60 (132)	-
C-PC+C-SR GS i304 i316	-	-	-	102 (225)	90 (198)	159 (351)	134 (295)	117 (258)	-	-
C-PC+C-SR GC	-	-	-	250 (551)	250 (551)	250 (551)	200 (441)	175 (386)	-	-
BI8+I8+SHV GC	-	-	-	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)
KCT30+CT30 (SCR/SRB) GS GC	235 (518)	186 (410)	154 (340)	131 (289)	101 (223)	82 (181)	69 (152)	60 (132)	-	-
KLPC+C-PC (SCR/SRB) GS	183 (404)	153 (337)	132 (291)	115 (254)	93 (205)	77 (170)	66 (146)	58 (128)	-	-
KLPC2+PC (SCR/SRB) GC	150 (331)	120 (265)	100 (221)	86 (190)	67 (148)	55 (121)	46 (101)	40 (88)	-	-
KPC+C-PC (C-SR) GS i304 i316	191 (421)	156 (344)	132 (291)	114 (251)	90 (198)	74 (163)	63 (139)	55 (121)	-	-
KPC+2 x C-PC (C-SR) GS i304 i316	260 (573)	221 (487)	192 (423)	170 (375)	138 (304)	117 (258)	101 (223)	89 (196)	-	-
KPC2+C-PC (C-SR) GC	144 (318)	127 (280)	113 (249)	102 (225)	85 (187)	73 (161)	64 (141)	57 (126)	-	-
KI8+I8 (SHV) GC	-	-	-	832 (1835)	700 (1544)	604 (1332)	531 (1171)	474 (1045)	428 (944)	390 (681)

CTA kg (lb)

		B mm (inch)									
		50 (2")	100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	500 (20")	600 (24")	700 (28")	800 (32")
KLPC+C-PC (SCR/SRB) GS		172 (379)	142 (313)	121 (267)	105 (232)	83 (183)	69 (152)	59 (130)	51 (112)	-	-
KLPC2+C-PC (SCR/SRB) GC		150 (331)	120 (265)	100 (220)	86 (190)	67 (148)	55 (121)	46 (101)	40 (82)	-	-
KAPC+C-PC (C-SR) GC		191 (421)	156 (344)	132 (291)	114 (251)	90 (198)	74 (163)	63 (139)	55 (121)	-	-
KAI8+I8 (SHV) GC		-	-	-	242 (534)	186 (410)	151 (333)	127 (280)	110 (243)	96 (212)	86 (190)

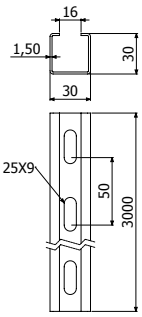
CT30





	A		Wx		Wy		GS		GC	
	cm²	in²	cm³	in³	cm³	in³	REF.	kg/ud	REF.	kg/ud
CT30	1,25	19,38	1,41	21,86	2,17	33,64	2/6784	1,08	2/6785	1,19

SCR / SRB



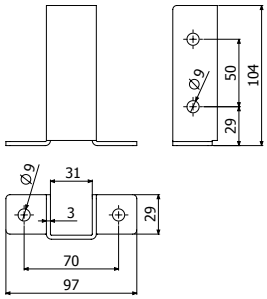
KCT30





	Fmáx	Mmáx	GS		GC	
	ud	kg	REF.	kg/ud	REF.	kg/ud
KCT30	500	19,5	2/7071	0,08	2/7070	0,08

2 x CT2 M8X75 (2/6793 - EZ)

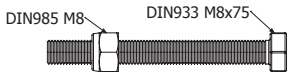


CT2



	EZ		i304	
	REF.	kg/ud	REF.	kg/ud
CT2 M8X55	2/10088	0,03	☎	☎
CT2 M8X75	2/6793	0,03	2/14307	0.04

13

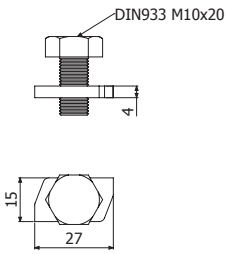


CT4



	GS	
	REF.	kg/ud
CT4-100 M10X20	2/7074	0,04

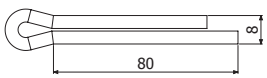
17



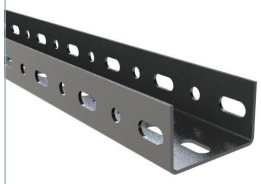
DIN94



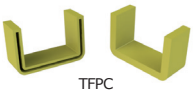
	GS	
	REF.	kg/ud
DIN94 M8X80	2/7297	0,04



C-PC



C-PC



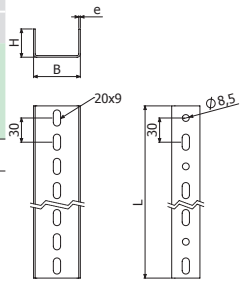
TFPC

	B		H		L		e	GS		i304		i316	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/__	REF.	kg/__	REF.	kg/__
C-PC 300	58	2 2/7"	35	1 3/8"	300	12"	2	2/3485	0,57 kg/ud	☎	☎	☎	☎
C-PC 600	58	2 2/7"	35	1 3/8"	600	24"	2	3/4504	1,13 kg/ud				
C-PC 3000	58	2 2/7"	35	1 3/8"	3000	10ft	2	2/7269	1,87 kg/m	2/5701	1,87 kg/m	2/18389	1,87 kg/m
TFPC PVC	(2/14809)												

C-PC + KPC/KAPC --> 2 x CT2 (2/6793 - GS / 2/14307 - i304)

C-PC + KLPC/KLPC2 --> 2 x B2 (2/6792-GC / 2/5392-i304 / 2/18443-i316)

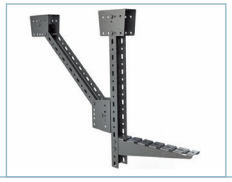
C-SR



C-PC

KPC

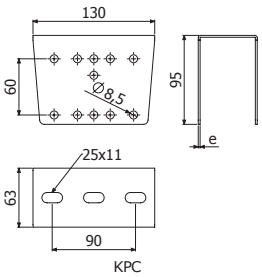






	e	GS		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
KPC	2	2/7270	0,45	2/18390	0,45	2/18391	0,45

C-PC ---> KLPC: 2/100 x B2 (2/4926 EZ / 2/6792-GC / 2/5392-i304 / 2/18443-i316)



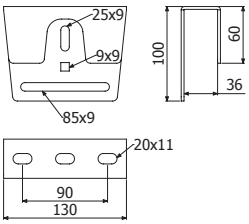
KPC

KLPC

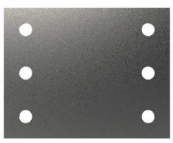


	e	GS		GC		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
KLPC	3	2/6786	0,55	2/6787	0,56	2/1121	0,55	2/18392	0,55

C-PC ---> KLPC: 2/100 x B2 (2/6792-GC / 2/5392-i304 / 2/18443-i316)



PDPC

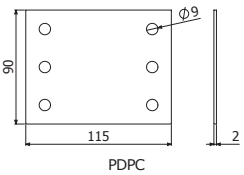


	GS	
	REF.	kg/ud
PDPC	2/7281	0,16

C-PC ---> C-PC: CT2

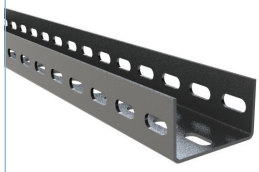
C-PC ---> KLPC : 2/100 x B2 (2/4926 EZ)

C-SR

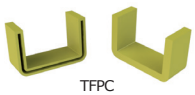


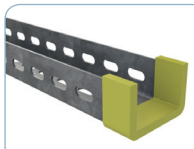
PDPC

C-PC



TFPC





PC+TFPC

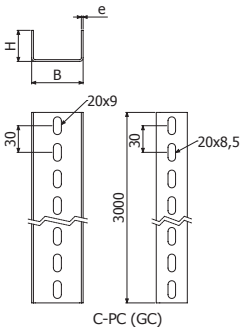
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
C-PC 3000	58	2 2/7"	35	1 3/8"	2	2/0229	1,84

TFPC PVC (2/14809)

C-PC + KAPC --> 2 x CT2 (2/14307 - i304)

C-PC + KLPC2 --> 2 x B2 (2/6792 - GC)

C-SR



C-PC (GC)

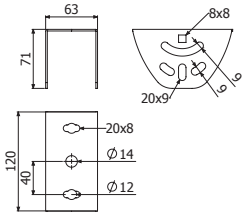
KAPC



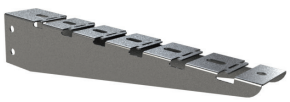


	e	GS		GC		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
KAPC	2	2/1116	0,28	2/1117	0,29	2/18063	0,28	2/18393	0,28

PC/C-PC + KPC/KAPC --> 2 x CT2 (2/6793 - GS // 2/14307 - i304)



C-SR

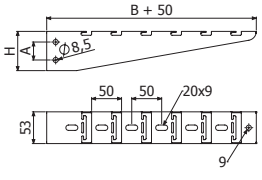


C-SR

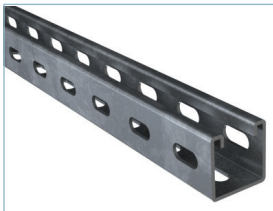


	B		e	H		A		CTA		GS		GC		i304		i316	
	mm	inch	mm	mm	inch	mm	inch	kg	lb	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
C-SR 100	100	4"	1,5	67	2 2/3"	30	1 1/6"	102	225	2/18543	0,23	2/18545	0,26	2/17815	0,23	2/18541	0,23
C-SR 150	150	6"	1,5	67	2 2/3"	30	1 1/6"	102	225	2/18544	0,29	2/18546	0,32	2/17816	0,29	2/18542	0,29
C-SR 200	200	8"	1,5	67	2 2/3"	30	1 1/6"	102	225	2/7264	0,36	2/3460	0,39	2/17817	0,47	2/18409	0,36
C-SR 300	300	12"	1,5	67	2 2/3"	30	1 1/6"	90	198	2/7265	0,49	2/1032	0,53	2/17818	0,49	2/18410	0,49
C-SR 400	400	16"	1,5	100	4"	60	2 2/8"	159	351	2/7266	0,81	2/1033	0,88	2/17819	0,81	2/18411	0,81
C-SR 500	500	20"	1,5	100	4"	60	2 2/8"	134	295	2/7267	0,97	2/1034	1,06	2/17820	0,97	2/18412	0,97
C-SR 600	600	24"	1,5	100	4"	60	2 2/8"	117	258	2/7268	1,14	2/1035	1,25	2/17821	1,14	2/18413	1,14

C-SR --> C-PC: 2/100 x CT2



41X41X2-3S



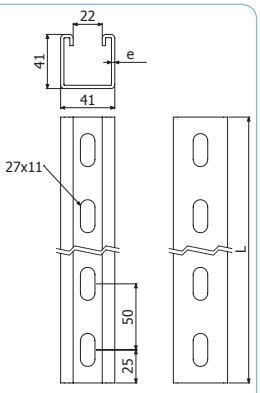
L = 3 m (10 ft)



TF41

	e	GS		GC	
	mm	REF.	kg/m	REF.	kg/m
41X41X2-3S	2	2/17313	2,02	2/17312	2,217

TF41 PVC (2/5627)



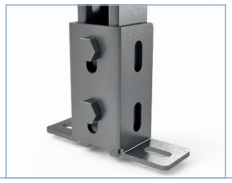
SBL41



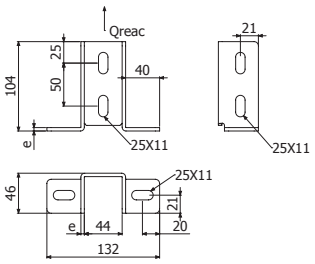
	Qreac	Pap	e	GS		e	GC	
	kg	N·m	mm	REF.	kg/m	mm	REF.	kg/ud
SBL41	600	40	3	2/7058	0,40	4	2/6472	0,44

2 x DIN933 M10X30 (2/17547-i304) + 2 x TM41 M10 (2/17584-GC)

2/50 x B3 (2/8827)



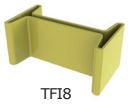




I8



I8 3M

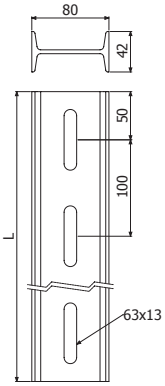


TFI8

	L		GC	
	m	ft	REF.	kg/ud
I8 3M	3	10	2/6350	17,43

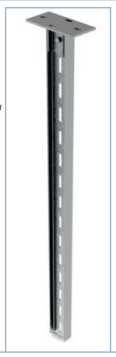
TFI8 PVC (2/6947)

KI8 + 4/50 x B3 (2/8827-GC)

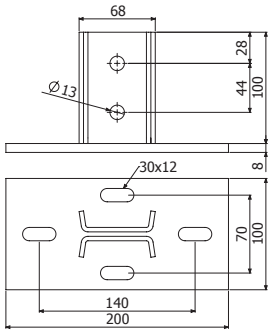


KI8





	GC	
	REF.	kg/ud
KI8	2/6056	1,77

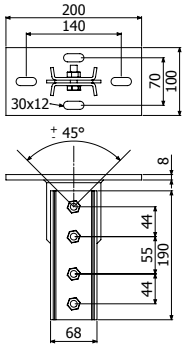


KAI8





	GC	
	REF.	kg/ud
KAI8	2/7052	2,48



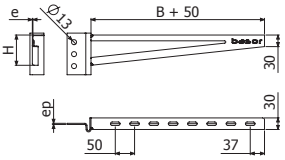
SHV



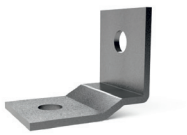


	H		B		e	ep	GC	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
SHV 200	58	2 2/7"	200	8"	2,5	3	2/6058	0,99
SHV 300	68	2 2/3"	300	12"	2,5	3	2/6271	1,28
SHV 400	79	3 1/9"	400	16"	2,5	3	2/6259	1,58
SHV 500	89	3 1/2"	500	20"	2,5	3	2/6057	1,88
SHV 600	100	4 "	600	24"	2,5	3	2/6275	2,17
SHV 700	110	4 1/3"	700	28"	2,5	3	2/6276	2,47
SHV 800	120	4 5/7"	800	32"	2,5	3	2/6277	2,77

SHV → I8: 2/100 x CT1 M10X30 (2/6320 - i304)



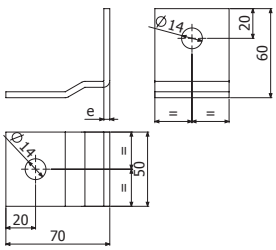
BI8

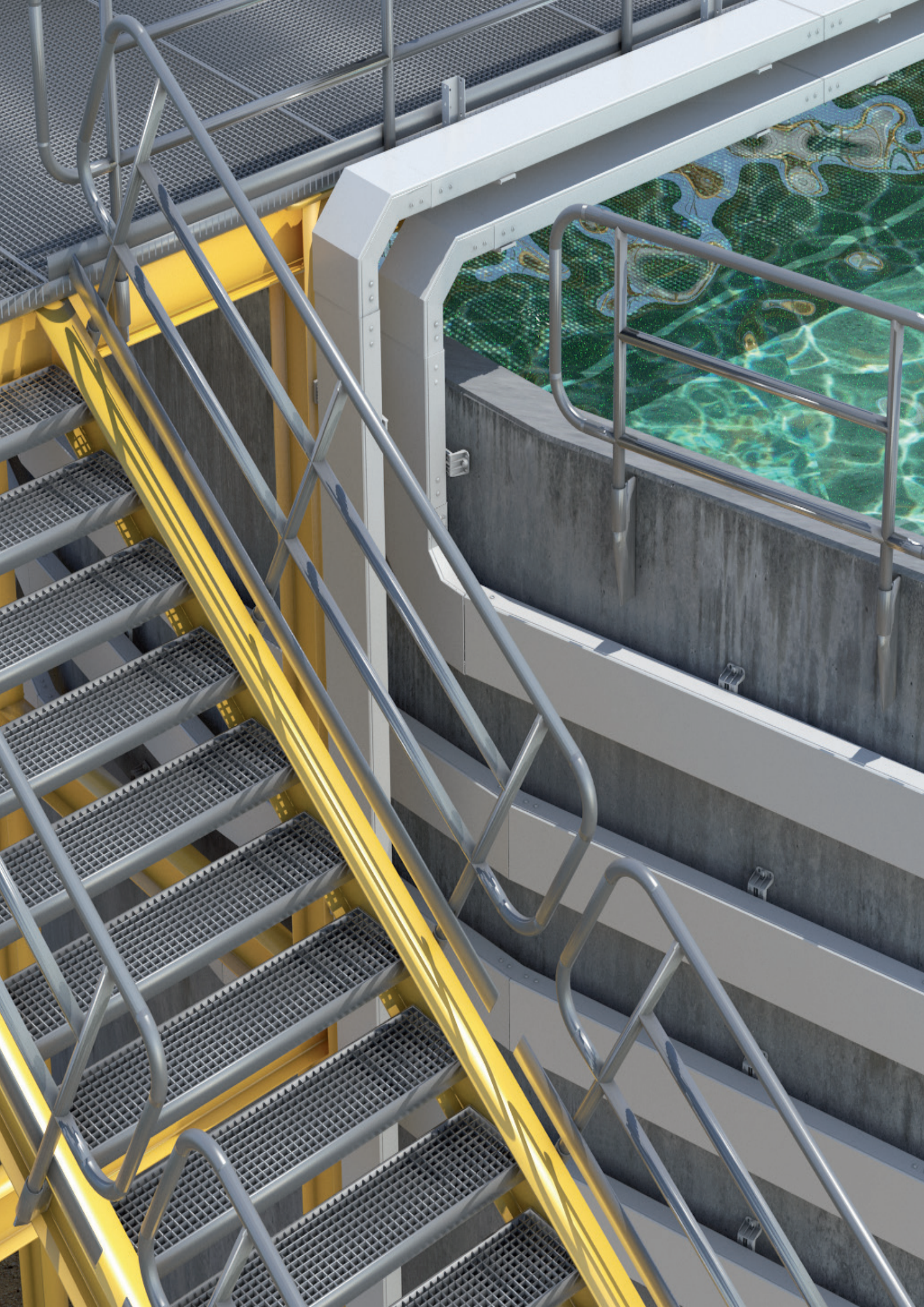




	GC	
	REF.	kg/ud
BI8	2/6342	0,19

2/100 x CT1 M10x30 (2/6320-I304)







basorplast

MCB ..... P. 04

BPE ..... P. 10

BPI ..... P. 20

QCL ..... P. 30

QRL ..... P. 30



RAL 9001

UNE-EN 50085

RoHS

V0
UL94

60°C
-5°C
UNE-EN 50085

2J
UNE-EN 50085

650°

IP40
IEC 60529

IK07
IEC 50102


CXMCB

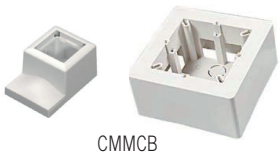

CCMCB


CPMCB


CBJMCB


TEMCB


TFMCB


CMMCB


CDMCB

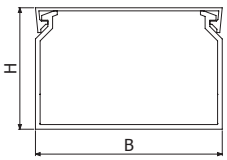
		Filling Area									
B		H 10 (2/5")		H 17 (2/3")		H 25 (1")		H 40 (1 4/7")		H 60 (2 3/8")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²	cm²	in²
22	6/7"	**2**	0,4	**-**	-	-	-	-	-	-	-
25	1"	**-**	-	**4**	0,7	-	-	-	-	-	-
40	1 4/7"	**-**	-	**6**	1,0	9	1,4	14	2,2	-	-
60	2 3/8"	**-**	-	**-**	-	-	-	20	3,2	30	4,7

MCB

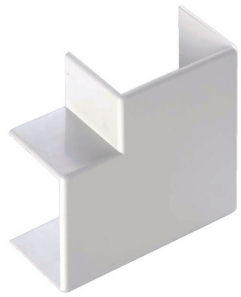


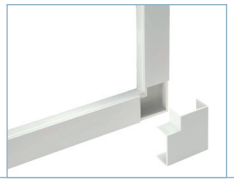
L = 2 m (6 ft)

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
MCB 10X22	10	2/5"	22	6/7"	2/8317	0,11
MCB 10X30	10	2/5"	30	1 1/6"	2/17494	0,13
MCB 17X15	17	2/3"	15	3/5"	2/17501	0,12
MCB 17X25	17	2/3"	25	1"	2/8318	0,15
MCB17X40	17	2/3"	40	1 4/7"	2/8319	0,26
MCB 17X40-2	17	2/3"	40	1 4/7"	2/8320	0,28
MCB 17X60-3	17	2/3"	60	2 1/3"	2/17509	0,42
MCB 25X40	25	1"	40	1 4/7"	2/8321	0,3
MCB 40X40	40	1 4/7"	40	1 4/7"	2/8322	0,39
MCB 40X60	40	1 4/7"	60	2 1/3"	2/8323	0,48
MCB 60X60	60	2 1/3"	60	2 1/3"	2/8324	0,69

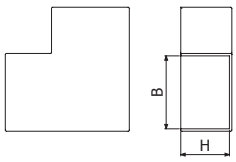


CPMCB



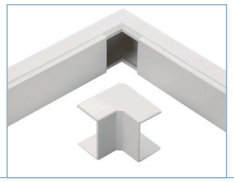


	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CPMCB 10X22	10	2/5"	22	6/7"	2/1132	0,01
CPMCB 10X30	10	2/5"	30	1 1/6"	2/17495	0,01
CPMCB 17X15	17	2/3"	15	3/5"	2/17502	0,01
CPMCB 17X25	17	2/3"	25	1"	2/1133	0,01
CPMCB17X40	17	2/3"	40	1 4/7"	2/1134	0,02
CPMCB17X60	17	2/3"	40	1 4/7"	2/17510	0,02
CPMCB 25X40	25	1"	60	2 1/3"	2/1135	0,02
CPMCB 40X40	40	1 4/7"	40	1 4/7"	2/1136	0,02
CPMCB 40X60	40	1 4/7"	40	1 4/7"	2/1137	0,02
CPMCB 60X60	60	2 1/3"	60	2 1/3"	2/1138	0,10

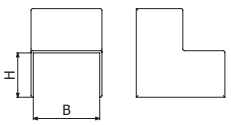


CCMCB



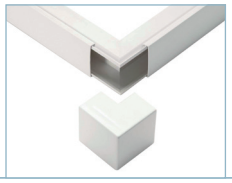


	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CCMCB 10X22	10	2/5"	22	6/7"	2/1139	0,01
CCMCB 10X30	10	2/5"	30	1 1/6"	2/17496	0,01
CCMCB 17X15	17	2/3"	15	3/5"	2/17503	0,01
CCMCB 17X25	17	2/3"	25	1"	2/1140	0,01
CCMCB17X40	17	2/3"	40	1 4/7"	2/1141	0,02
CCMCB17X60	17	2/3"	60	2 1/3"	2/17511	0,02
CCMCB 25X40	25	1"	40	1 4/7"	2/1142	0,02
CCMCB 40X40	40	1 4/7"	40	1 4/7"	2/1143	0,02
CCMCB 40X60	40	1 4/7"	60	1 4/7"	2/1144	0,02
CCMCB 60X60	60	2 1/3"	60	2 1/3"	2/1145	0,10

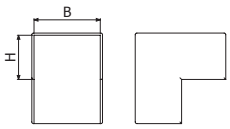


CXMCB

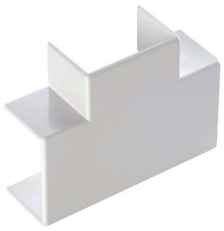


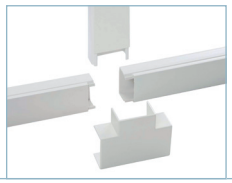


	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CXMCB 10X22	10	2/5"	22	6/7"	2/1146	0,01
CXMCB 10X30	10	2/5"	30	1 1/6"	2/17497	0,01
CXMCB 17X15	17	2/3"	15	3/5"	2/17504	0,01
CXMCB 17X25	17	2/3"	25	1"	2/1147	0,01
CXMCB17X40	17	2/3"	40	1 4/7"	2/1148	0,02
CXMCB17X60	17	2/3"	60	2 1/3"	2/17512	0,02
CXMCB 25X40	25	1"	40	1 4/7"	2/1149	0,02
CXMCB 40X40	40	1 4/7"	40	1 4/7"	2/1150	0,02
CXMCB 40X60	40	1 4/7"	60	1 4/7"	2/1151	0,02
CXMCB 60X60	60	2 1/3"	60	2 1/3"	2/1152	0,10

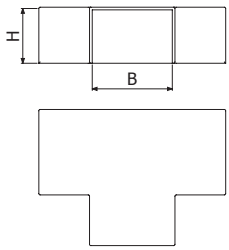


TEMCB



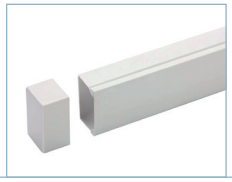


	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
TEMCB 10x22	10	2/5"	22	6/7"	2/8303	0,01
TEMCB 10x30	10	2/5"	30	1 1/6"	2/17498	0,01
TEMCB 17x15	17	2/3"	15	3/5"	2/17505	0,01
TEMCB 17x25	17	2/3"	25	1"	2/8304	0,01
TEMCB 17x40	17	2/3"	40	1 4/7"	2/8305	0,02
TEMCB 17x60	17	2/3"	60	2 1/3"	2/17513	0,02
TEMCB 25x40	25	1"	40	1 4/7"	2/8306	0,02
TEMCB 40x40	40	1 4/7"	40	1 4/7"	2/8307	0,02
TEMCB 40x60	40	1 4/7"	60	1 4/7"	2/8308	0,02
TEMCB 60x60	60	2 1/3"	60	2 1/3"	2/8309	0,07

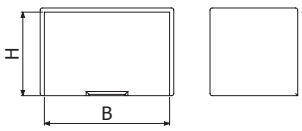


TFMCB





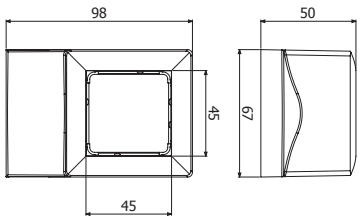
	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
TFMCB 10X22	10	2/5"	22	6/7"	2/8310	0,01
TFMCB 10X30	10	2/5"	30	1 1/6"	2/17499	0,01
TFMCB 17X15	17	2/3"	15	3/5"	2/17506	0,01
TFMCB 17X25	17	2/3"	25	1"	2/8311	0,01
TFMCB17X40	17	2/3"	40	1 4/7"	2/8312	0,01
TFMCB17X60	17	2/3"	60	2 1/3"	2/17514	0,02
TFMCB 25X40	25	1"	40	1 4/7"	2/8313	0,02
TFMCB 40X40	40	1 4/7"	40	1 4/7"	2/8314	0,02
TFMCB 40X60	40	1 4/7"	60	1 4/7"	2/8315	0,02
TFMCB 60X60	60	2 1/3"	60	2 1/3"	2/8316	0,02



CMMCB 45X45



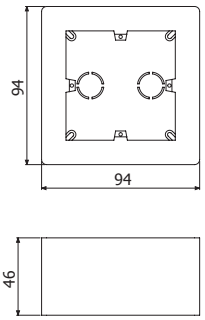
	PVCM1	
	REF.	kg/ud
CMMCB 45X45	2/17508	0,25



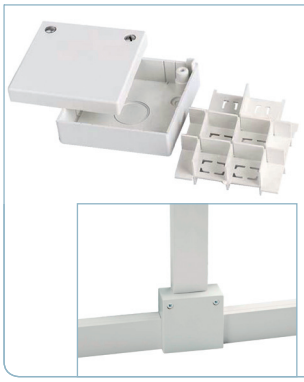
CMMCB 60X67



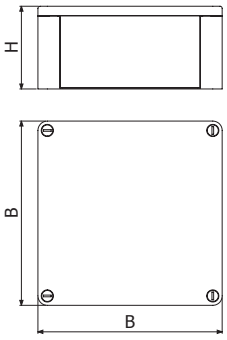
	PVCM1	
	REF.	kg/ud
CMMCB 60x67	2/1153	0,16



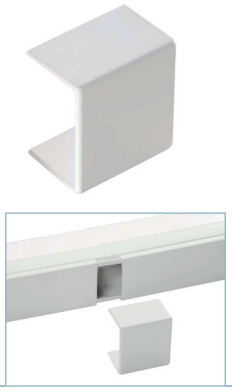
CDMCB



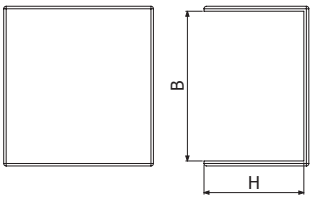
	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CDMCB 70X70X28	28	1"	70	2 3/4"	2/1154	0,05
CDMCB 165x165x75	75	3"	165	6 1/2"	2/7201	0,46



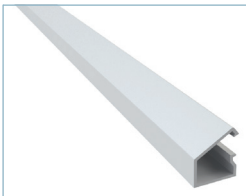
CBJMCB



	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CBJMCB 10X22	10	2/5"	22	6/7"	2/8296	0,01
CBJMCB 10X30	10	2/5"	30	1 1/6"	2/17500	0,01
CBJMCB 17X15	17	2/3"	15	3/5"	2/17507	0,01
CBJMCB 17X25	17	2/3"	25	1"	2/8297	0,01
CBJMCB 17X40	17	2/3"	40	1 4/7"	2/8298	0,02
CBJMCB 17X60	17	2/3"	60	2 1/3"	2/17515	0,02
CBJMCB 25X40	25	1"	40	1 4/7"	2/8299	0,02
CBJMCB 40X40	40	1 4/7"	40	1 4/7"	2/8300	0,02
CBJMCB 40X60	40	1 4/7"	60	1 4/7"	2/8301	0,03
CBJMCB 60X60	60	2 1/3"	60	2 1/3"	2/8302	0,05

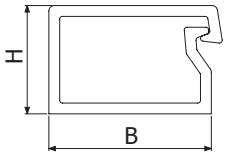


MCA

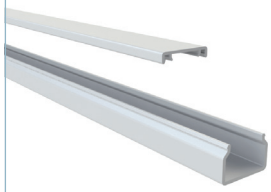


L = 2 m (6 ft)

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
MCA 10X10	10	2/5"	10	2/5"	2/17516	0,08
MCA 10X15	10	2/5"	15	3/5"	2/17517	0,09
MCA 10X20	10	2/5"	20	4/5"	2/17518	0,11

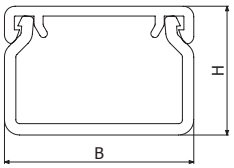


BPB



L = 2 m (6 ft)

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPB 25X25	25	1"	25	1"	2/1128	0,2
BPB 40X40	40	1 4/7"	40	1 4/7"	2/1129	0,42
BPB 40X60	40	1 4/7"	60	2 1/3"	2/1130	0,58
BPB 60X60	60	2 1/3"	60	2 1/3"	2/5835	0,6
BPB 60X100	60	2 1/3"	100	4"	2/6435	0,77

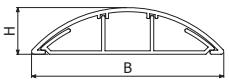


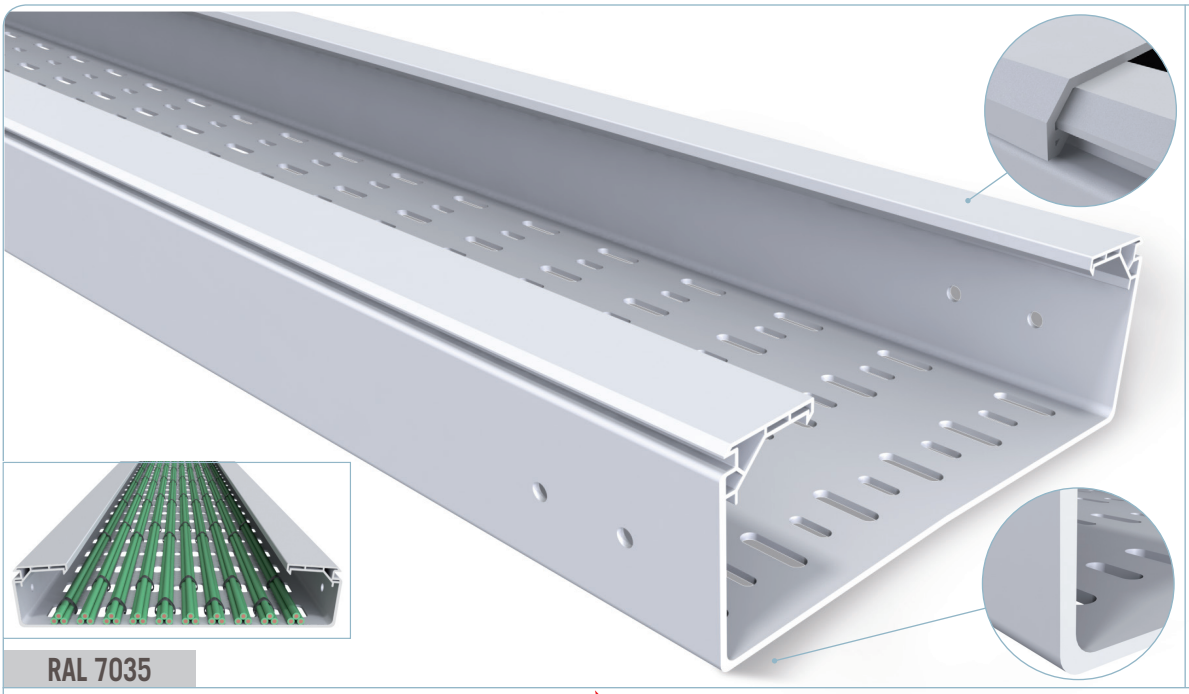
CAP



L = 2 m (6 ft)

	H		B		PVCM1 7030		PVCM1	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
CAP 12X50	12	1/2"	50	2"	2/18547	0,26	2/17519	0,26
CAP 17X75	17	2/3"	75	3"	2/18548	0,42	2/17520	0,42





RAL 7035

UNE-EN 61537
UNE-EN 50085

RoHS

M1
V0
UNE-EN 61537
UNE-EN 50085
UNE 23727
UL94

960°
UNE-EN 60695

60°C
-20°C
UNE-EN 61537

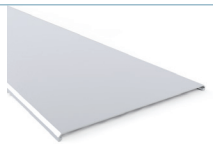
60°C
-15°C
UNE-EN 50085

20J
Mod. 60x100 10J
UNE-EN 61537
UNE-EN 50085

IP3X IP2X
IEC 60529

IK10 IK07
IEC 50102

ISO/TR 10358
DIN 8061


TBPE

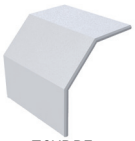

CPBPE


TCPBPE

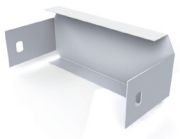

CCBPE


TCCBPE


CXBPE

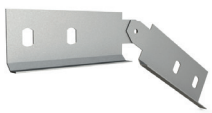

TCXBPE

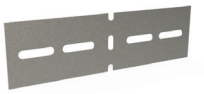

PDBPE


TFBPE


PSBPE


JUBPE


JUBPE-A


JUBPE-B


CTBP

		Filling Area			
B		H60 (2 3/8")		H100 (4")	
mm	inch	cm²	in²	cm²	in²
100	4"	**52**	8,06	**-**	-
150	6"	**80**	12,4	**-**	-
200	8"	**101**	15,7	**175**	27,1
300	12"	**152**	23,6	**263**	40,8
400	16"	**-**	-	**354**	54,8
600	24"	**-**	-	**539**	83,5

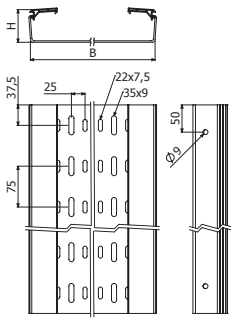
BPE H60



L = 3 m (10 ft)

	H		B		PVCM1 UV	
	mm	inch	mm	inch	REF.	kg/m
BPE 60X100	60	2 3/8"	100	4"	2/10070	0,73
BPE 60X150	60	2 3/8"	150	6"	2/10071	0,98
BPE 60X200	60	2 3/8"	200	8"	2/10072	1,45
BPE 60X300	60	2 3/8"	300	12"	2/10073	2,34

2 x JUBPE 60 (2/10084)



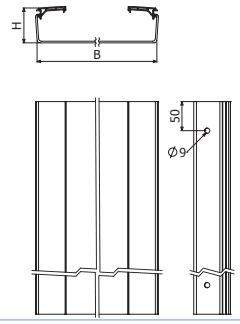
BPE-C H60



L = 3 m (10 ft)

	H		B		PVCM1 UV	
	mm	inch	mm	inch	REF.	kg/m
BPE-C 60X100	60	2 3/8"	100	4"	2/10062	0,77
BPE-C 60X150	60	2 3/8"	150	6"	2/10063	1,03
BPE-C 60X200	60	2 3/8"	200	8"	2/10064	1,54
BPE-C 60X300	60	2 3/8"	300	12"	2/10065	2,48

2 JUBPE 60 (2/10084)



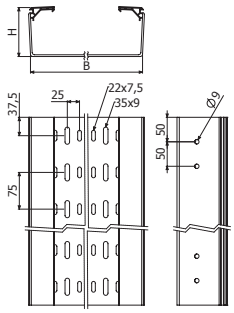
BPE H100



L = 3 m (10 ft)

	H		B		PVCM1 UV	
	mm	inch	mm	inch	REF.	kg/m
BPE 100X200	100	4"	200	8"	2/10074	2,25
BPE 100X300	100	4"	300	12"	2/10075	3,63
BPE 100X400	100	4"	400	16"	2/10076	4,30
BPE 100X600	100	4"	600	24"	2/10077	6,40

2 x JUBPE 100 (2/10085)



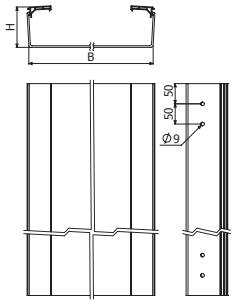
BPE-C H100



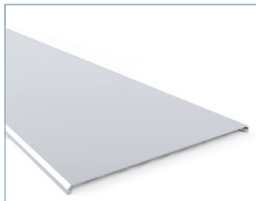
L = 3 m (10 ft)

	H		B		PVCM1 UV	
	mm	inch	mm	inch	REF.	kg/m
BPE-C 100X200	100	4"	200	8"	2/10066	2,38
BPE-C 100X300	100	4"	300	12"	2/10067	3,45
BPE-C 100X400	100	4"	400	16"	2/10068	4,54
BPE-C 100X600	100	4"	600	24"	2/10069	6,72

2 x JUBPE 100 (2/10085)



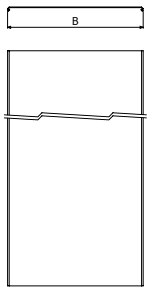
TBPE



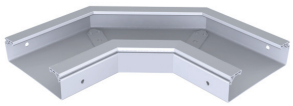
L = 3 m (10 ft)

	B		PVCM1 UV	
	mm	inch	REF.	kg/m
TBPE 100	100	4"	2/10078	0,37
TBPE 150	150	6"	2/10079	0,50
TBPE 200	200	8"	2/10080	0,77
TBPE 300	300	12"	2/10081	1,10
TBPE 400	400	16"	2/10082	1,53
TBPE 600	600	24"	2/10083	2,10

TBPE 600

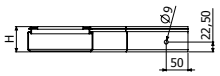


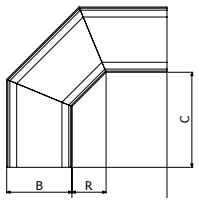
CPBPE



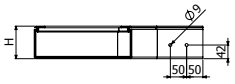
	H		B		C		R		PVCM1 UV	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPBPE 60X100	60	2 3/8"	100	4"	220	8 4/5"	80	3 1/7"	2/10089	0,40
CPBPE 60X150	60	2 3/8"	150	6"	220	8 4/5"	80	3 1/7"	2/10090	0,54
CPBPE 60X200	60	2 3/8"	200	8"	220	8 4/5"	80	3 1/7"	2/10091	0,91
CPBPE 60X300	60	2 3/8"	300	12"	220	8 4/5"	80	3 1/7"	2/10092	1,61
CPBPE 100X200	100	4"	200	8"	220	8 4/5"	80	3 1/7"	2/10093	1,24
CPBPE 100X300	100	4"	300	12"	220	8 4/5"	80	3 1/7"	2/10094	2,14
CPBPE 100X400	100	4"	400	16"	220	8 4/5"	80	3 1/7"	2/10095	3,27
CPBPE 100X600	100	4"	600	24"	240	9 1/2"	100	4"	2/10096	4,08

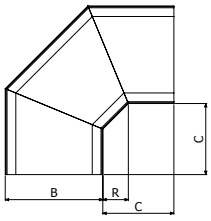
2 x JUBPE 60 (2/10084)
2 x JUBPE 100 (2/10085)





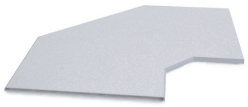
H60





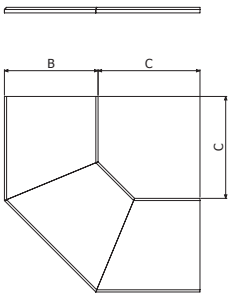
H100

TCPBPE



	B		C		PVCM1 UV	
	mm	inch	mm	inch	REF.	kg/ud
TCPBPE 100	100	4"	220	8 4/5"	2/10097	0,18
TCPBPE 150	150	6"	220	8 4/5"	2/10098	0,26
TCPBPE 200	200	8"	220	8 4/5"	2/10099	0,43
TCPBPE 300	300	12"	220	8 4/5"	2/10100	0,71
TCPBPE 400	400	16"	220	8 4/5"	2/10101	1,12
TCPBPE 600	600	24"	240	9 1/2"	2/10102	1,94

TCPBPE 600

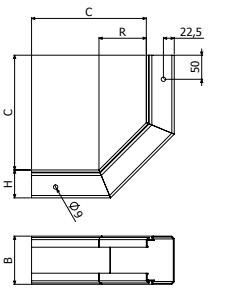


CCBPE

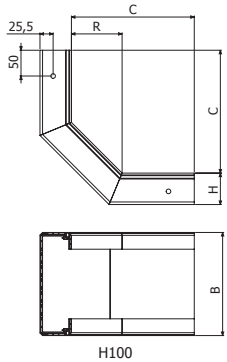


	H		B		C		R		PVCM1 UV	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCBPE 60X100	60	2 3/8"	100	4"	240	9 1/2"	100	4"	2/10103	0,39
CCBPE 60X150	60	2 3/8"	150	6"	240	9 1/2"	100	4"	2/10104	0,49
CCBPE 60X200	60	2 3/8"	200	8"	240	9 1/2"	100	4"	2/10105	0,78
CCBPE 60X300	60	2 3/8"	300	12"	240	9 1/2"	100	4"	2/10106	1,19
CCBPE 100X200	100	4"	200	8"	275	10 5/6"	115	4 5/8"	2/10107	1,37
CCBPE 100X300	100	4"	300	12"	275	10 5/6"	115	4 5/8"	2/10108	1,98
CCBPE 100X400	100	4"	400	16"	275	10 5/6"	115	4 5/8"	2/10109	2,55
CCBPE 100X600	100	4"	600	24"	275	10 5/6"	115	4 5/8"	2/10110	3,23

2 x JUBPE 60 (2/10084)
2 x JUBPE 100 (2/10085)



H60



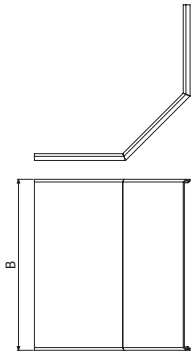
H100

TCCBPE



	B		PVCM1 UV	
	mm	inch	REF.	kg/ud
TCCBPE 60X100	100	4“	2/10111	0,18
TCCBPE 60X150	150	6”	2/10112	0,24
TCCBPE 60X200	200	8”	2/10113	0,37
TCCBPE 60X300	300	12”	2/10114	0,52
TCCBPE 100X200	200	8”	2/10115	0,56
TCCBPE 100X300	300	12”	2/10116	0,61
TCCBPE 100X400	400	16”	2/10117	0,87
TCCBPE 100X600	600	24”	2/10118	1,04

TCCBPE 100X600

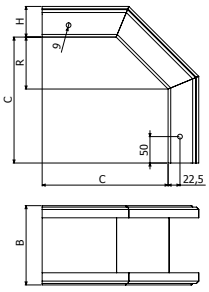


CXBPE

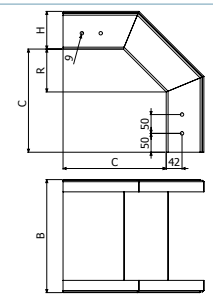


	H		B		C		R		PVCM1 UV	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXBPE 60X100	60	2 3/8”	100	4''	240	9 1/2"	100	4”	2/10119	0,39
CXBPE 60X150	60	2 3/8”	150	6''	240	9 1/2"	100	4”	2/10120	0,49
CXBPE 60X200	60	2 3/8”	200	8''	240	9 1/2"	100	4”	2/10121	0,78
CXBPE 60X300	60	2 3/8”	300	12''	240	9 1/2"	100	4”	2/10122	1,19
CXBPE 100X200	100	4''	200	8''	275	10 5/6"	115	4 5/8"	2/10123	1,37
CXBPE 100X300	100	4''	300	12''	275	10 5/6"	115	4 5/8"	2/10124	1,98
CXBPE 100X400	100	4''	400	16''	275	10 5/6"	115	4 5/8"	2/10125	2,55
CXBPE 100X600	100	4''	600	24''	275	10 5/6"	115	4 5/8"	2/10126	3,23

2 x JUBPE 60 (2/10084)
2 x JUBPE 100 (2/10085)

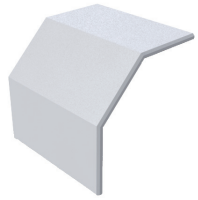


H60



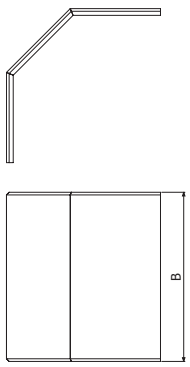
H100

TCXBPE

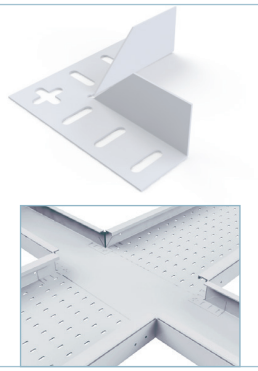


	B		PVCM1 UV	
	mm	inch	REF.	kg/ud
TCXBPE 60X100	100	4''	2/10127	0,22
TCXBPE 60X150	150	6''	2/10128	0,30
TCXBPE 60X200	200	8''	2/10129	0,49
TCXBPE 60X300	300	12''	2/10130	0,65
TCXBPE 100X200	200	8''	2/10131	0,75
TCXBPE 100X300	300	12''	2/10132	0,82
TCXBPE 100X400	400	16''	2/10133	1,17
TCXBPE 100X600	600	24''	2/10134	1,39

TCXBPE 100X600



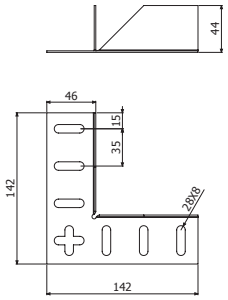
PDBPE



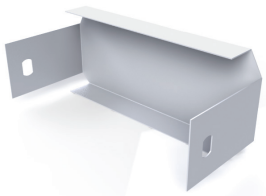
	GSP 7035	
	REF.	kg/ud
PDBPE 60/100	2/10135	0,24

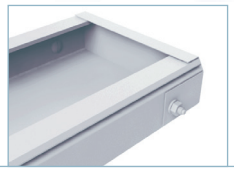
4/100 x B2-P (2/10017)

↑60 ↑100



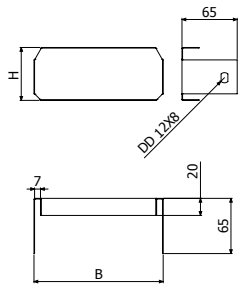
TFBPE





	H		B		GSP 7035	
	mm	inch	mm	inch	REF.	kg/ud
TFBPE 60X100	60	2 3/8"	100	4"	2/10136	0,09
TFBPE 60X150	60	2 3/8"	150	6"	2/10137	0,13
TFBPE 60X200	60	2 3/8"	200	8"	2/10138	0,15
TFBPE 60X300	60	2 3/8"	300	12"	2/10139	0,21
TFBPE 100X200	100	4"	200	8"	2/10140	0,24
TFBPE 100X300	100	4"	300	12"	2/10141	0,31
TFBPE 100X400	100	4"	400	16"	2/10142	0,40
TFBPE 100X600	100	4"	600	24"	2/10143	0,55

2/100 x CTBP (2/10017)



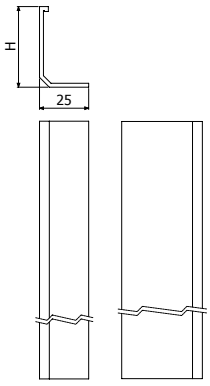
PSBPE



L = 3 m (10 ft)

	H		PVCM1 UV	
	mm	inch	REF.	kg/m
PSBPE 60	41	1 5/8"	2/10144	0,09
PSBPE 100	74	2 7/8"	2/10145	0,13

4/100 x CTBP (2/10017)

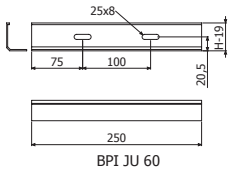


JUBPE

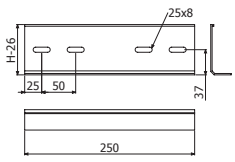


	H		PVCM1 UV	
	mm	inch	REF.	kg/ud
JUBPE 60	60	2 3/8"	2/10084	0,05
JUBPE 100	100	4"	2/10085	0,09

JUBPE 60 –2/100 x CTBP (2/10017)
JUBPE 100 –4/100 x CTBP (2/10017)

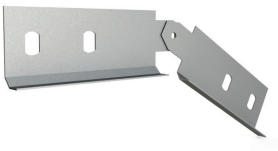


BPI JU 60



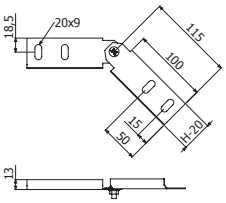
BPI JU 100

JUBPE-A



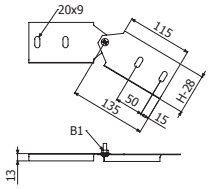
	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-A 60	60	2 3/8"	2/5036	0,09
JUBPE-A 100	100	4"	2/5037	0,16

4/100 x CTBP (2/10017)



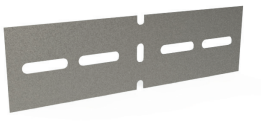
JUBPE-A 60





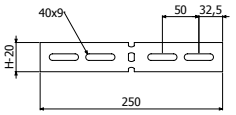
JUBPE-A 100

JUBPE-B

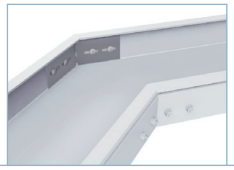


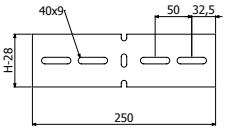
	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-B 60	60	2 3/8"	2/3520	0,13
JUBPE-B 100	100	4"	2/5038	0,22

4/100 x CTBP (2/10017)



JUBPE-B 60





JUBPE-B 100

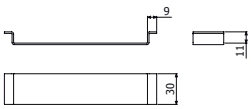
BIK10-BPE



	e	Mod.	i304		i316	
	mm	H x B	REF.	kg/ud	REF.	kg/ud
BIK10-BPE 60X100	1,5	60x100	2/17340	0,03	2/17347	0,03
BIK10-BPE 60X150	1,5	60x150	2/17341	0,05	2/17348	0,05
BIK10-BPE 60/100x200	1,5	60X200 & 100X200	2/17342	0,07	2/17349	0,07
BIK10-BPE 60/100X300	1,5	60X300 & 100X300	2/17343	0,09	2/17350	0,09
BIK10-BPE 100X400	2	100X400	2/17345	0,20	2/17352	0,20
BIK10-BPE 100X600	2	100X600	2/17346	0,49	2/17353	0,49

IK10

3 x BIK10-BPE => 1 x TBPE

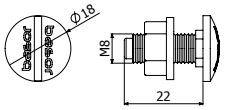


CTBP



	PVCM1 UV	
	REF.	kg/ud
CTBP-100	2/10017	0,40

13



CTA

		B mm (inch)					
		100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
SHG		90 (199)	105 (232)	120 (265)	130 (287)	220 (486)	180 (397)

RoHS ✓ M1 V0 60°C -20°C UNE-EN 61537 ISO/TR 10358 DIN 8061

CTA

		B mm (inch)					
		100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
PSHG		90 (199)	105 (232)	120 (265)	130 (287)	220 (486)	180 (397)

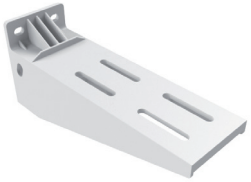
RoHS ✓ M1 V0 60°C -20°C UNE-EN 61537 ISO/TR 10358 DIN 8061

CTA

		B mm (inch)					
		100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
SVG		384 (846)	384 (846)	384 (846)	204 (450)	120 (263)	60 (132)

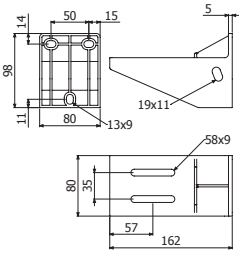
RoHS ✓ M1 V0 60°C -20°C UNE-EN 61537 ISO/TR 10358 DIN 8061

SHG

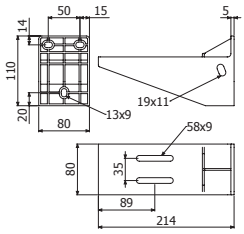


	B		40°	60°	PVCM1 UV	
	mm	inch	CTA (kg)	CTA (kg)	REF.	kg/ud
SHG 100	100	4"	90	45	2/10011	0,19
SHG 150	150	6"	105	52,5	2/10012	0,27
SHG 200	200	8"	120	60	2/10013	0,34
SHG 300	300	12"	130	65	2/10014	0,54
SHG 400	400	16"	220	110	2/10015	0,95
SHG 600	600	24"	180	90	2/10016	1,10

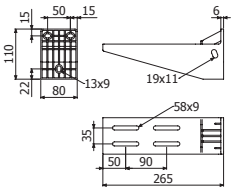
2/100 x CTBP (2/10017)



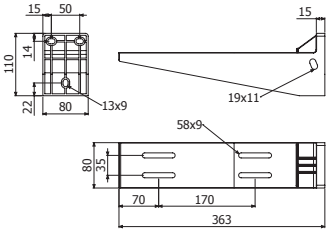
SHG100



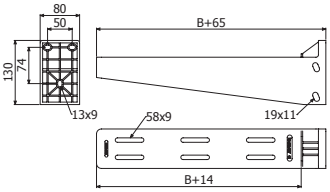
SHG150



SHG200

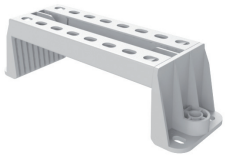


SHG300



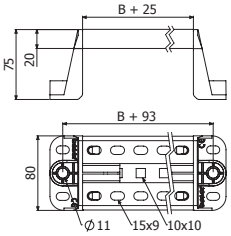
SHG 400/600

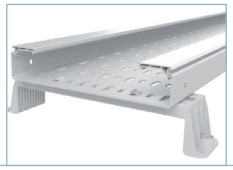
SVG

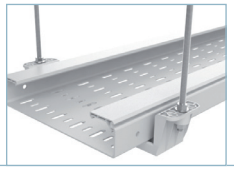


	B		CTA		PVCM1 UV	
	mm	inch	kg	lb	REF.	kg/ud
SVG 100	100	4"	384	846	2/10050	0,23
SVG 150	150	6"	384	846	2/10051	0,26
SVG 200	200	8"	384	846	2/10052	0,28
SVG 300	300	12"	204	450	2/10053	0,33
SVG 400	400	16"	120	263	2/10054	0,38
SVG 600	600	24"	60	132	2/10055	0,48

BPE ---> SVG: 2/100 x CTBP (2/10017)

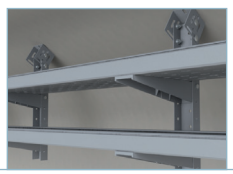






KSHGR



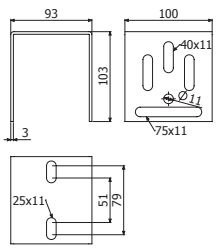


	GSP 7035	
	REF.	kg/ud
KSHGR	2/17282	0,61

PSHGR ---> KSHGR — 4 x B2 i304

SHG 100~300 ---> KSHGR — 1 x CT2 M10X100

SHG 400~600 ---> KSHGR — 2 x CT2 M10X100

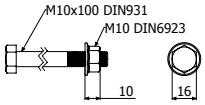


CT2



	i304	
	REF.	kg/ud
CT2 M10X100	2/7228	0,11

17

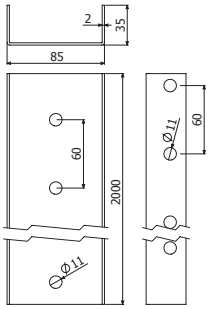


PSHG



	GSP 7035	
	REF.	kg/ud
PSHG 2M	2/17281	2,29

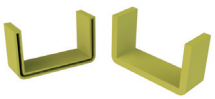
1 x CT2 M10X100 (2/7228)



PSHGR



PSHGR 600



TFSHGR

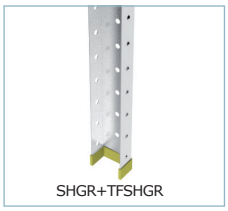
	GSP 7035	
	REF.	kg/ud
PSHGR 600	2/17283	2,05

TFSHGR PVC (2/12112)

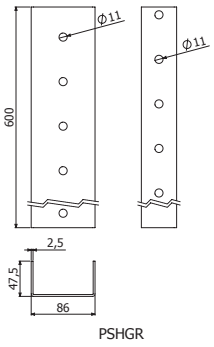
PSHGR ---> KSHGR — 4 x B2 i304

SHG 100~300 ---> KSHGR — 1 x CT2 M10X100

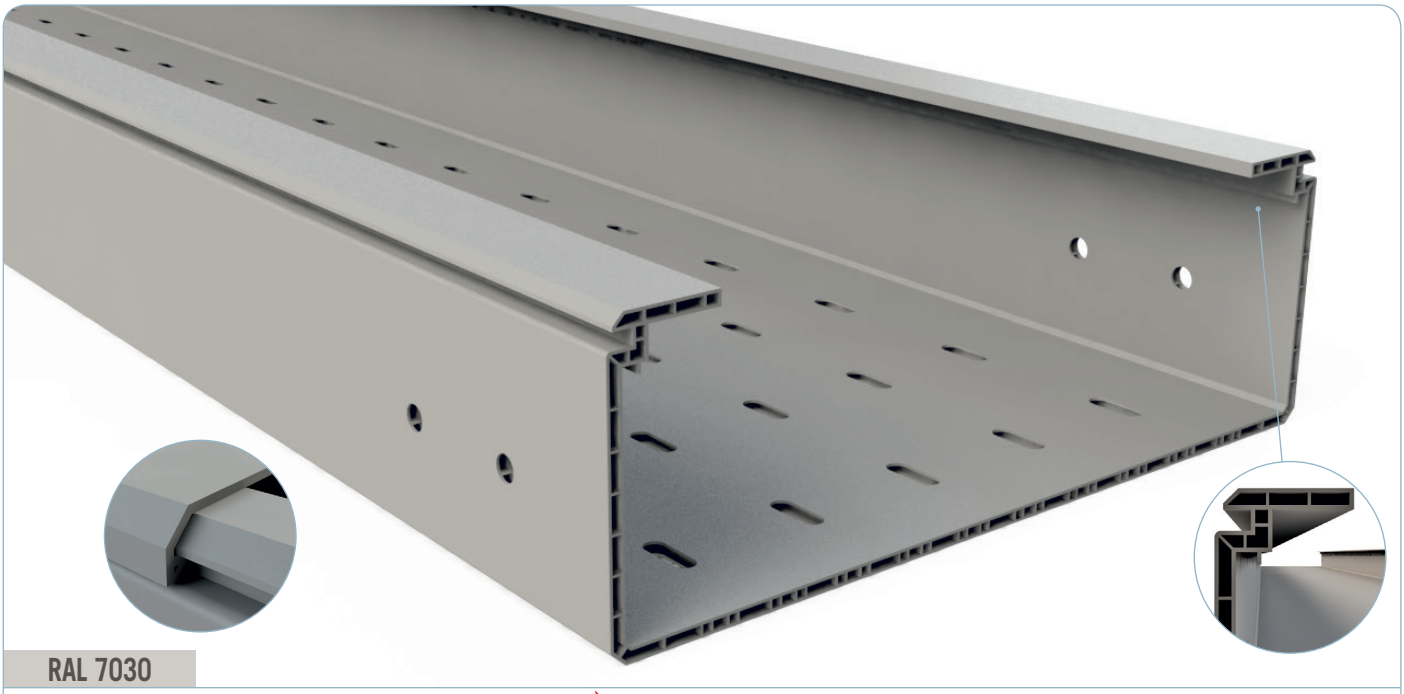
SHG 400~600 ---> KSHGR — 2 x CT2 M10X100



SHGR+TFSHGR



PSHGR



RAL 7030

UNE-EN 61537
UNE-EN 50085

RoHS

M1
V0
UNE-EN 61537
UNE-EN 50085
UNE 23727
UL94

960°
UNE-EN 60695

60°C
-20°C
UNE-EN 61537

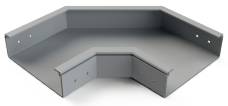
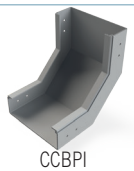
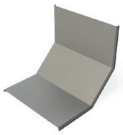
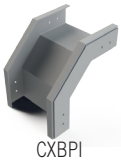
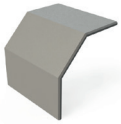
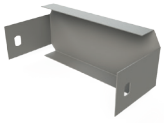
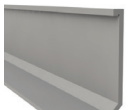
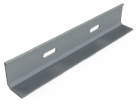
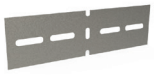
60°C
-15°C
UNE-EN 50085

20J
Mod. 60x100 10J
UNE-EN 61537
UNE-EN 50085

IP3X IP2X
IEC 60529

IK10 IK07
IEC 50102

ISO/TR 10358
DIN 8061

 BIK10	 RA50	 CPBPI	 TCPBPI	 CCBPI
 TCCBPI	 CXBPI	 TCXBPI	 PDBPI	 TFBPI
 PSBPI	 JUBPI	 JUBPI-A	 JUBPI-B	 CTBP

Filling Area

B		H60 (2 3/8")		H100 (4")	
mm	inch	cm²	in²	cm²	in²
100	4"	52	8,06	-	-
150	6"	80	12,4	-	-
200	8"	93	14,4	169	26,2
300	12"	143	22,2	259	40,1
400	16"	-	-	349	54,1
600	24"	-	-	529	82,0

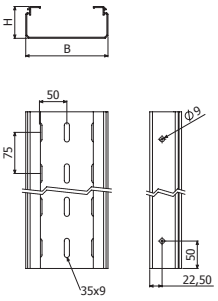
BPI H60



L = 3 m (10 ft)
B 100/150

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI 60X100	60	2 3/8"	100	4"	2/1162	0,73
BPI 60X150	60	2 3/8"	150	6"	2/1163	0,98
BPI 60X200	60	2 3/8"	200	8"	2/1164	1,11
BPI 60X300	60	2 3/8"	300	12"	2/1165	1,62

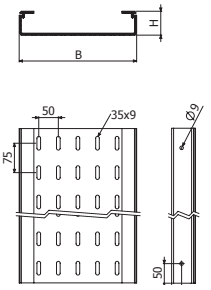
2 x JUBPI 60 (2/2061)



B 100/150



L = 3 m (10 ft)
B 200/300



B 200/300

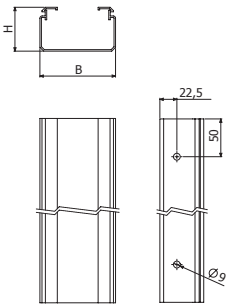
BPI-C H60



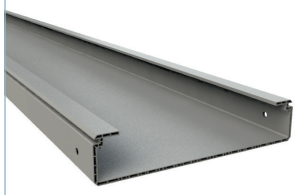
L = 3 m (10 ft)
B 100/150

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI-C 60X100	60	2 3/8"	100	4"	2/1156	0,77
BPI-C 60X150	60	2 3/8"	150	6"	2/1157	1,03
BPI-C 60X200	60	2 3/8"	200	8"	2/1158	1,17
BPI-C 60X300	60	2 3/8"	300	12"	2/1159	1,70

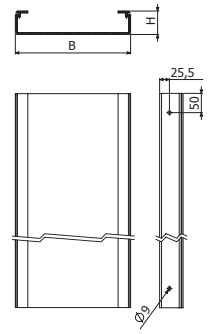
2 x JUBPI 60 (2/2061)



B 100/150



L = 3 m (10 ft)
B 200/300



B 200/300

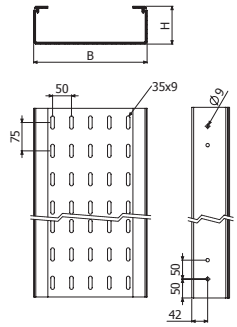
BPI H100



L = 3 m (10 ft)

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI 100X200	100	4"	200	8"	2/4898	1,46
BPI 100X300	100	4"	300	12"	2/4964	1,84
BPI 100X400	100	4"	400	16"	2/1166	2,50
BPI 100X600	100	4"	600	24"	2/1167	4,27

2 x JUBPI 100 (2/2062)



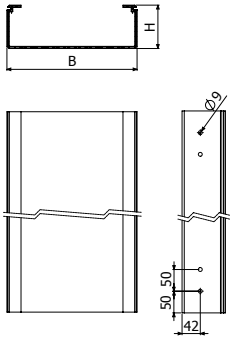
BPI-C H100



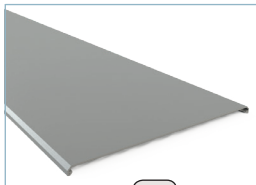
L = 3 m (10 ft)

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI-C 100X200	100	4"	200	8"	2/5091	1,54
BPI-C 100X300	100	4"	300	12"	2/5092	1,94
BPI-C 100X400	100	4"	400	16"	2/1160	2,64
BPI-C 100X600	100	4"	600	24"	2/1161	4,17

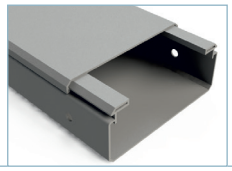
2 x JUBPI 100 (2/2062)



TBPI

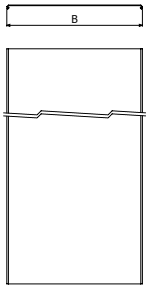


L = 3 m (10 ft)



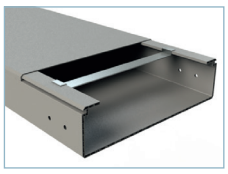
	B		PVCM1	
	mm	inch	REF.	kg/m
TBPI 100	100	4"	2/1185	0,37
TBPI 150	150	6"	2/1186	0,50
TBPI 200	200	8"	2/1187	0,77
TBPI 300	300	12"	2/1188	1,10
TBPI 400	400	16"	2/1189	1,53
TBPI 600	600	24"	2/1190	2,10

TBPI 600



BIK10-BPI

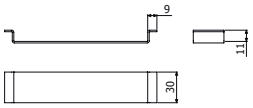




	e	Mod.	AL	
	mm	H x B	REF.	kg/ud
BIK10-BPI 60X100	1,5	60x100	2/7063	0,01
BIK10-BPI 60X150	1,5	60x150	2/7064	0,02
BIK10-BPI 60/100x200	1,5	60X200 & 100X200	2/7065	0,03
BIK10-BPI 60X300	1,5	300x60	2/7066	0,04
BIK10-BPI 100X300	1,5	300x100	2/7067	0,04
BIK10-BPI 100X400	2	400x100	2/7068	0,05
BIK10-BPI 100X600	2	600x100	2/7069	0,16

IK10

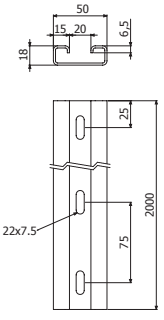
3 x BIK10-BPI => 1 x TBPI



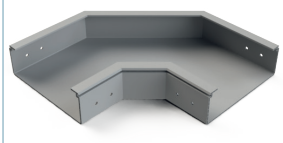
RA50



	PVCM1	
	REF.	kg/m
RA50 2M	2/6357	0,33

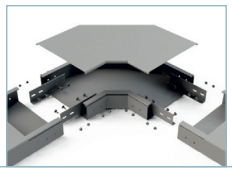


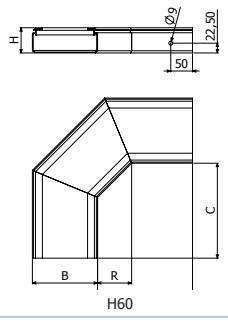
CPBPI



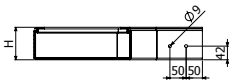
	H		B		C		R		PVCM1	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPBPI 60X100	60	2 3/8"	100	4"	220	8 4/5"	80	3 1/7"	2/1168	0,40
CPBPI 60X150	60	2 3/8"	150	6"	220	8 4/5"	80	3 1/7"	2/1169	0,54
CPBPI 60X200	60	2 3/8"	200	8"	220	8 4/5"	80	3 1/7"	2/1170	0,69
CPBPI 60X300	60	2 3/8"	300	12"	220	8 4/5"	80	3 1/7"	2/1171	1,10
CPBPI 100X200	100	4"	200	8"	220	8 4/5"	80	3 1/7"	2/5188	0,80
CPBPI 100X300	100	4"	300	12"	220	8 4/5"	80	3 1/7"	2/5189	1,20
CPBPI 100X400	100	4"	400	16"	220	8 4/5"	80	3 1/7"	2/1172	1,90
CPBPI 100X600	100	4"	600	24"	240	9 1/2"	100	4"	2/1173	2,53

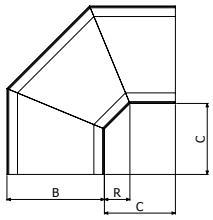
2 x JUBPI 60 (2/2061)
2 x JUBPI 100 (2/2062)





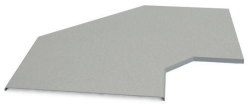
H60





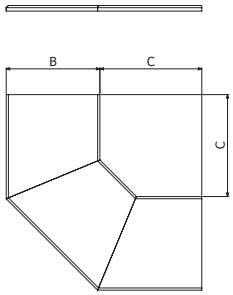
H100

TCPBPI

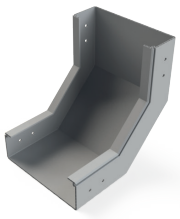


	B		C		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
TCPBPI 100	100	4"	220	8 4/5"	2/5194	0,18
TCPBPI 150	150	6"	220	8 4/5"	2/5195	0,26
TCPBPI 200	200	8"	220	8 4/5"	2/5198	0,43
TCPBPI 300	300	12"	220	8 4/5"	2/5199	0,71
TCPBPI 400	400	16"	220	8 4/5"	2/5200	1,12
TCPBPI 600	600	24"	240	9 1/2"	2/5201	1,94

TCPBPI 600

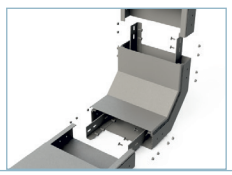


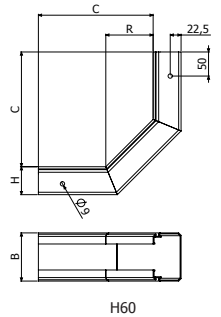
CCBPI



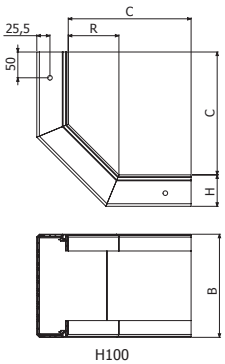
	H		B		C		R		PVCM1	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCBPI 60X100	60	2 3/8"	100	4"	240	9 1/2"	100	4"	2/1174	0,39
CCBPI 60X150	60	2 3/8"	150	6"	240	9 1/2"	100	4"	2/1175	0,49
CCBPI 60X200	60	2 3/8"	200	8"	240	9 1/2"	100	4"	2/1176	0,59
CCBPI 60X300	60	2 3/8"	300	12"	240	9 1/2"	100	4"	2/1177	0,81
CCBPI 100X200	100	4"	200	8"	275	10 5/6"	115	4 5/8"	2/5190	0,88
CCBPI 100X300	100	4"	300	12"	275	10 5/6"	115	4 5/8"	2/5191	1,11
CCBPI 100X400	100	4"	400	16"	275	10 5/6"	115	4 5/8"	2/1178	1,48
CCBPI 100X600	100	4"	600	24"	275	10 5/6"	115	4 5/8"	2/1179	2,00

2 x JUBPI 60 (2/2061)
2 x JUBPI 100 (2/2062)



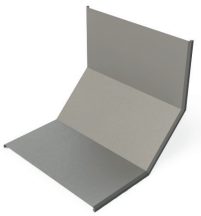


H60



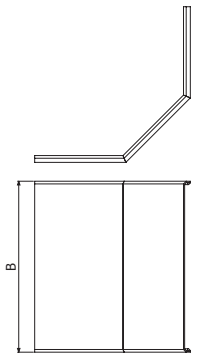
H100

TCCBPI

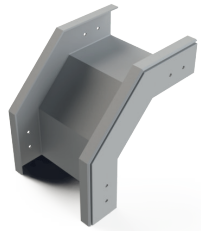


	B		PVCM1	
	mm	inch	REF.	kg/ud
TCCBPI 60X100	100	4“	2/5202	0,18
TCCBPI 60X150	150	6”	2/5203	0,24
TCCBPI 60X200	200	8”	2/5204	0,37
TCCBPI 60X300	300	12”	2/5205	0,52
TCCBPI 100X200	200	8”	2/5207	0,56
TCCBPI 100X300	300	12”	2/5208	0,61
TCCBPI 100X400	400	16”	2/5209	0,87
TCCBPI 100X600	600	24”	2/5210	1,04

TCCBPI 100X600

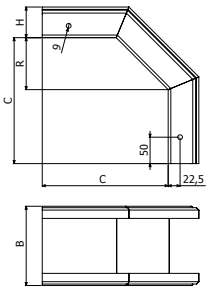


CXBPI

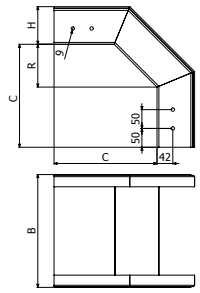


	H		B		C		R		PVCM1	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXBPI 60X100	60	2 3/8”	100	4“	240	9 1/2"	100	4”	2/1180	0,39
CXBPI 60X150	60	2 3/8”	150	6”	240	9 1/2"	100	4”	2/1181	0,49
CXBPI 60X200	60	2 3/8”	200	8”	240	9 1/2"	100	4”	2/1182	0,59
CXBPI 60X300	60	2 3/8”	300	12”	240	9 1/2"	100	4”	2/1183	0,81
CXBPI 100X200	100	4”	200	8”	275	10 5/6"	115	4 5/8"	2/5192	0,88
CXBPI 100X300	100	4”	300	12”	275	10 5/6"	115	4 5/8"	2/5193	1,11
CXBPI 100X400	100	4”	400	16”	275	10 5/6"	115	4 5/8"	2/1184	1,48
CXBPI 100X600	100	4”	600	24”	275	10 5/6"	115	4 5/8"	2/4707	2,00

2 x JUBPI 60 (2/2061)
2 x JUBPI 100 (2/2062)

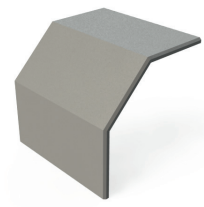


H60



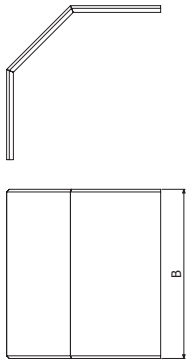
H100

TCXBPI



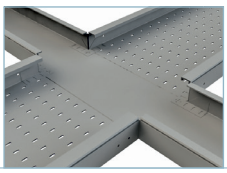
	B		PVCM1	
	mm	inch	REF.	kg/ud
TCXBPI 60X100	100	4“	2/5211	0,22
TCXBPI 60X150	150	6”	2/5212	0,30
TCXBPI 60X200	200	8”	2/5213	0,49
TCXBPI 60X300	300	12”	2/5214	0,65
TCXBPI 100X200	200	8”	2/5215	0,75
TCXBPI 100X300	300	12”	2/5216	0,82
TCXBPI 100X400	400	16”	2/5217	1,17
TCXBPI 100X600	600	24”	2/5218	1,39

TCXBPI 100X600



PDBPI

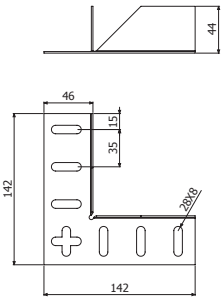




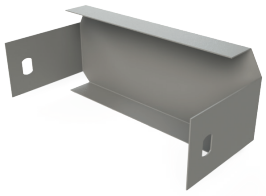
	GSP 7030	
	REF.	kg/ud
PDBPI 60/100	2/3521	0,18

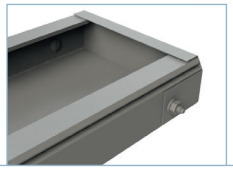
4/100 x CTBP (2/10020)

↑60 ↑100



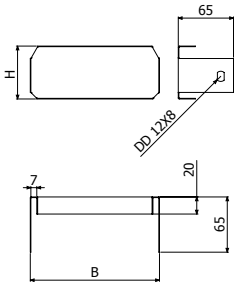
TFBPI



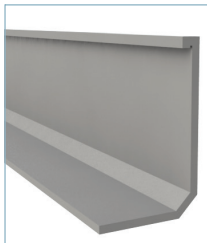


	H		B		GSP 7030	
	mm	inch	mm	inch	REF.	kg/ud
TFBPI 60X100	60	2 3/8"	100	4"	2/4395	0,09
TFBPI 60X150	60	2 3/8"	150	6"	2/4800	0,13
TFBPI 60X200	60	2 3/8"	200	8"	2/4396	0,15
TFBPI 60X300	60	2 3/8"	300	12"	2/4838	0,21
TFBPI 100X200	100	4"	200	8"	2/5220	0,24
TFBPI 100X300	100	4"	300	12"	2/5221	0,31
TFBPI 100X400	100	4"	400	16"	2/5125	0,40
TFBPI 100X600	100	4"	600	24"	2/5219	0,55

2/100 x CTBP (2/10020)

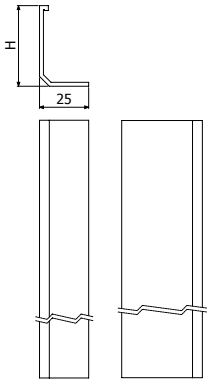


PSBPI

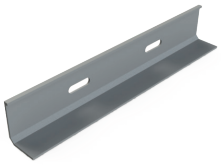


	H		PVCM1	
	mm	inch	REF.	kg/m
PSBPI 60	41	1 5/8"	2/3522	0,22
PSBPI 100	74	2 7/8"	2/3523	0,38

4/100 x x CTBP (2/10020)

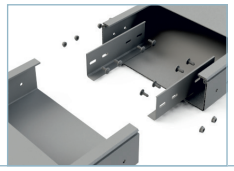


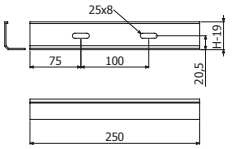
JUBPI



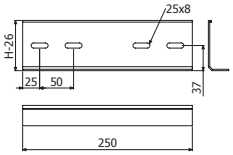
	H		PVCM1	
	mm	inch	REF.	kg/ud
JUBPI 60	60	2 3/8"	2/2061	0,05
JUBPI 100	100	4"	2/2062	0,09

JUBPI 60 --> 2/100 x CTBP (2/10020)
JUBPI 100 --> 4/100 x CTBP (2/10020)



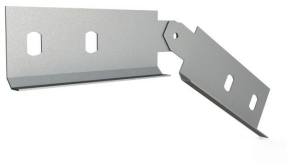


JUBPI 60



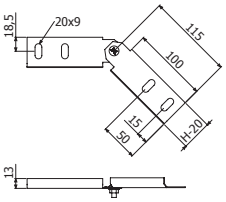
JUBPI 100

JUBPE-A



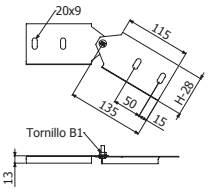
	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-A 60	60	2 3/8"	2/5036	0,09
JUBPE-A 100	100	4"	2/5037	0,16

4/100 x CTBP (2/10020)



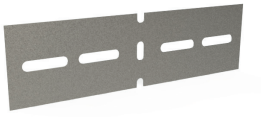
JUBPE-A 60





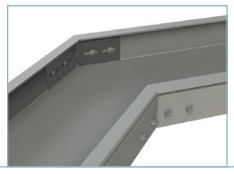
JUBPE-A 100

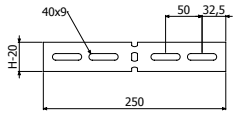
JUBPE-B



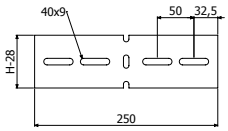
	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-B 60	60	2 3/8"	2/3520	0,13
JUBPE-B 100	100	4"	2/5038	0,22

4/100 x CTBP (2/10020)



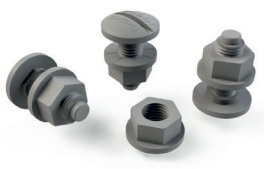


JUBPE-B 60



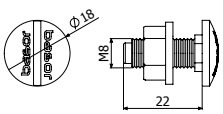
JUBPE-B 100

CTBP



	PVCM1	
	REF.	kg/ud
CTBP-100	2/10020	0,40

13



CTA

		B mm (inch)					
		100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
SHG		90 (199)	105 (232)	120 (265)	130 (287)	220 (486)	180 (397)

RoHS ✓ | M1 V0 | 60°C -20°C UNE-EN 61537 | PVCM1 | ISO/TR 10358 DIN 8061

CTA

		B mm (inch)					
		100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
PSHG		90 (199)	105 (232)	120 (265)	130 (287)	220 (486)	180 (397)

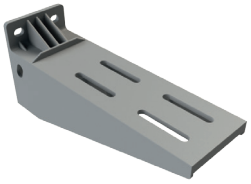
RoHS ✓ | M1 V0 | 60°C -20°C UNE-EN 61537 | ISO/TR 10358 DIN 8061

CTA

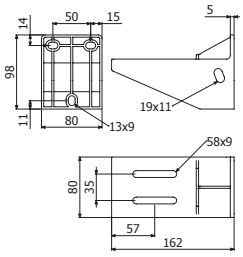
		B mm (inch)					
		100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
SVG		384 (846)	384 (846)	384 (846)	204 (450)	120 (263)	60 (132)

RoHS ✓ | M1 V0 | 60°C -20°C UNE-EN 61537 | PVCM1 | ISO/TR 10358 DIN 8061

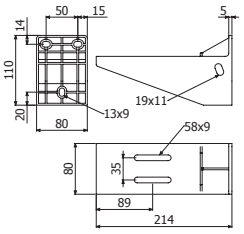
SHG



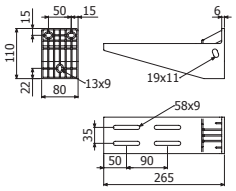
	B		40°	60°	PVCM1	
	mm	inch	CTA (kg)	CTA (kg)	REF.	kg/ud
SHG 100	**100**	4"	90	45	2/6779	0,19
SHG 150	**150**	6"	105	52,5	2/6780	0,27
SHG 200	**200**	8"	120	60	2/6781	0,34
SHG 300	**300**	12"	130	65	2/6782	0,54
SHG 400	**400**	16"	220	110	2/7134	0,95
SHG 600	**600**	24"	180	90	2/7135	1,10



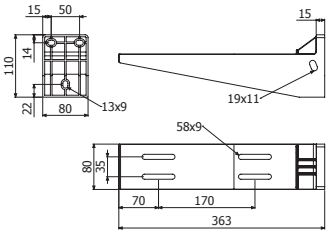
SHG100



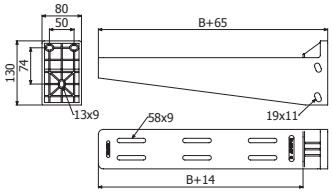
SHG150



SHG200

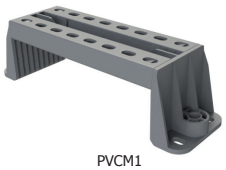


SHG300



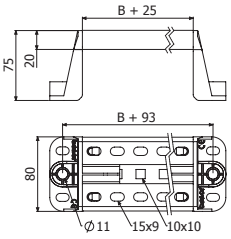
SHG 400/600

SVG



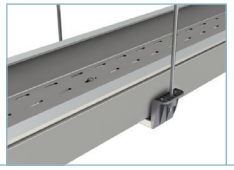
PVCM1

	B		CTA		PVCM1	
	mm	inch	kg	lb	REF.	kg/ud
SVG 100	**100**	4"	**384**	846	2/10056	0,23
SVG 150	**150**	6"	**384**	846	2/10057	0,26
SVG 200	**200**	8"	**384**	846	2/10058	0,28
SVG 300	**300**	12"	**204**	450	2/10059	0,33
SVG 400	**400**	16"	**120**	263	2/10060	0,38
SVG 600	**600**	24"	**60**	132	2/10061	0,48



BPI ---> SVG: 2/100 x CTBP (2/10020)

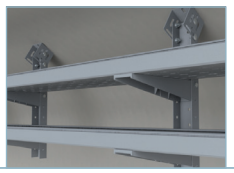




KSHGR



KSHGR

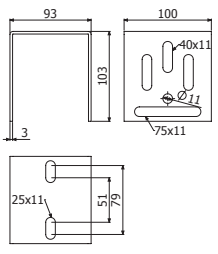


	GSP 7030	
	REF.	kg/ud
KSHGR	2/7403	0,61

PSHGR ---> KSHGR — 4 x B2 i304

SHG 100~300 ---> KSHGR — 1 x CT2 M10X100

SHG 400~600 ---> KSHGR — 2 x CT2 M10X100



KSHGR

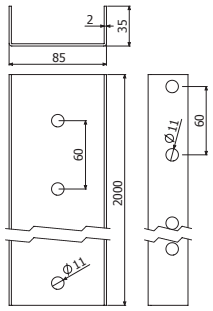
PSHG





	GSP 7030	
	REF.	kg/ud
PSHG 2M	2/7203	2,29

1 x CT2 M10X100 (2/7228)



PSHGR



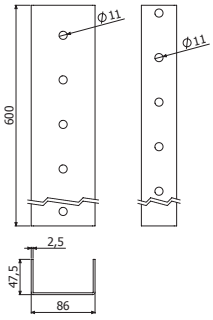
PSHGR 600

	GSP 7030	
	REF.	kg/ud
PSHGR 600	2/7404	2,05
TFSHGR PVC (2/12112)		

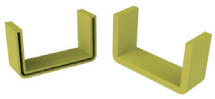
PSHGR ---> KSHGR — 4 x B2 i304

SHG 100~300 ---> KSHGR — 1 x CT2 M10X100

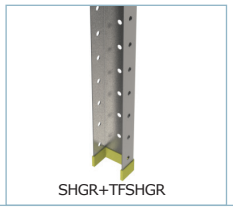
SHG 400~600 ---> KSHGR — 2 x CT2 M10X100



PSHGR



TFSHGR



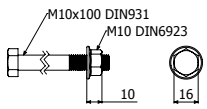
SHGR+TFSHGR

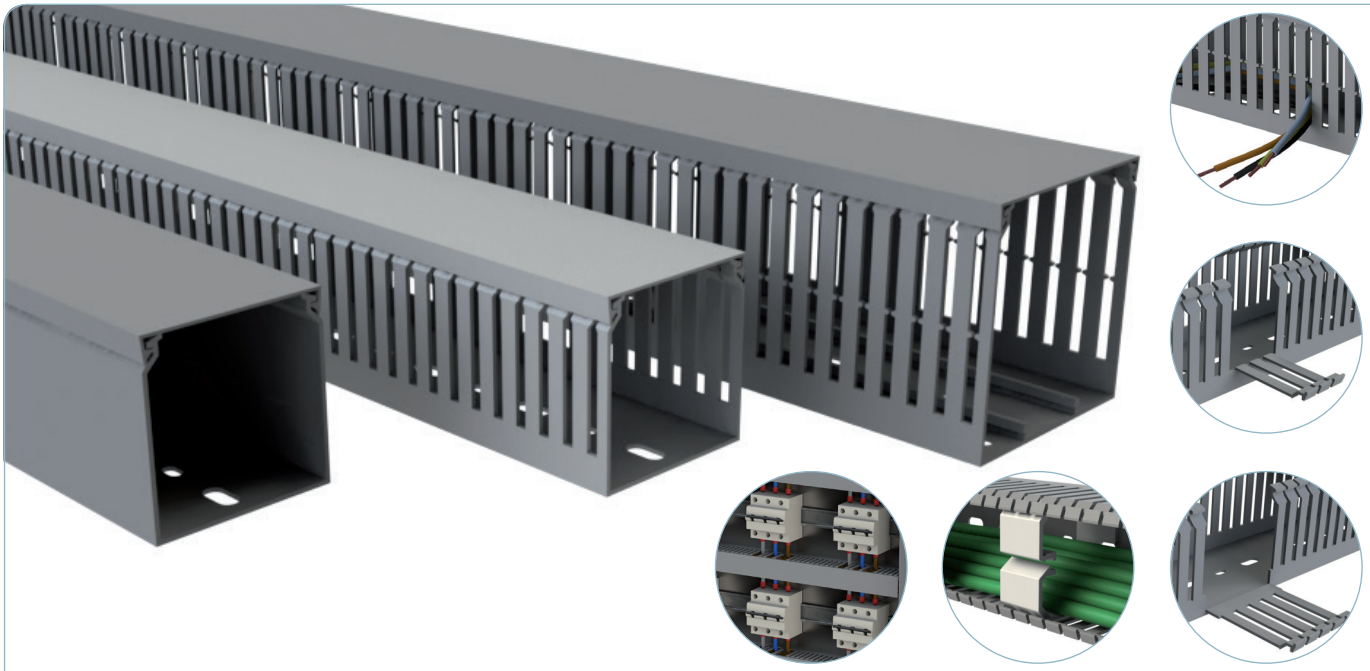
CT2



	i304	
	REF.	kg/ud
CT2 M10X100	2/7228	0,11

17





UNE-EN 50085

RoHS

UNE-EN 50085
UNE 23727
UL94

60°C
-15°C
UNE-EN 50085

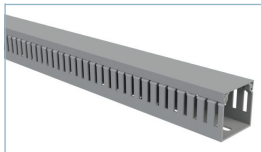
2J
UNE-EN 50085

IK07
IEC 50102

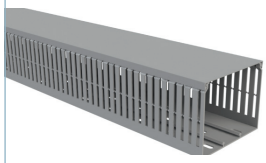
960°
EN 60695-2-12

		Filling Area							
B		H25 (1")		H40 (1 4/7")		H60 (2 3/8")		H80 (3 1/7")	
mm	inch	cm^2	in^2	cm^2	in^2	cm^2	in^2	cm^2	in^2
25	1"	**4**	0,6	**7**	1,1	**11**	1,7	**16**	2,5
40	1 4/7"	**-**	-	**12**	1,9	**20**	3,1	**27**	4,2
60	2 3/8"	**-**	-	**20**	3,1	**31**	4,8	**43**	6,7
80	3 1/7"	**-**	-	**-**	-	**42**	6,5	**58**	9,0
100	4"	**-**	-	**-**	-	**54**	8,4	**73**	11,3
120	4 5/7"	**-**	-	**-**	-	**65**	10,1	**88**	13,6

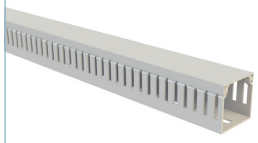
QRL



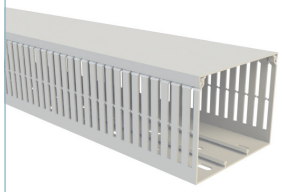
QRL = 40x40 PVCM1 7030



QRL = 100x80 PVCM1 7030



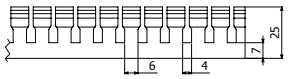
QRL = 40x40 LH 7035



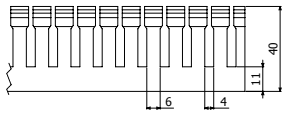
QRL = 100x80 LH 7035

	B		H		PVCM1 7030		LH 7035	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
QRL 25X25	25	1"	25	1"	2/7145	0,20	-	-
QRL 25x40	25	1"	40	1 4/7"	2/7146	0,23	2/7257	0,16
QRL 25x60	25	1"	60	2 3/8"	2/7147	0,28	2/7258	0,23
QRL 25x80	25	1"	80	3 1/7"	2/7148	0,33	2/7259	0,26
QRL 40x40	40	1 4/7"	40	1 4/7"	2/7149	0,28	2/7260	0,22
QRL 40x60	40	1 4/7"	60	2 3/8"	2/7150	0,33	2/7261	0,26
QRL 40x80	40	1 4/7"	80	3 1/7"	2/7151	0,38	2/7262	0,36
QRL 60x40	60	2 3/8"	40	1 4/7"	2/7152	0,34	2/9873	0,31
QRL 60x60	60	2 3/8"	60	2 3/8"	2/7153	0,39	2/7263	0,41
QRL 60x80	60	2 3/8"	80	3 1/7"	2/7154	0,44	2/9877	0,45
QRL 80x60	80	3 1/7"	60	2 3/8"	2/7155	0,49	2/9874	0,50
QRL 80x80	80	3 1/7"	80	3 1/7"	2/7156	0,53	2/9878	0,54
QRL 100x60	100	4"	60	2 3/8"	2/7157	0,55	-	-
QRL 100x80	100	4"	80	3 1/7"	2/7158	0,60	2/9879	0,56
QRL 120x60	120	4 5/7"	60	2 3/8"	2/7159	0,62	2/9875	0,67
QRL 120x80	120	4 5/7"	80	3 1/7"	2/7160	0,66	2/9876	0,70

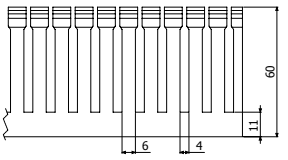




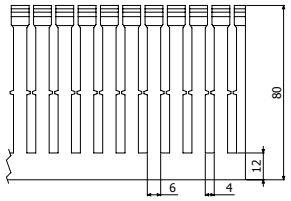
QRL H25



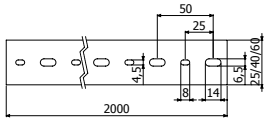
QRL H40



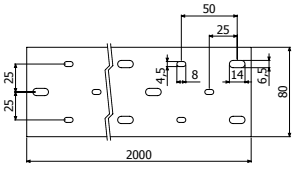
QRL H60



QRL H80

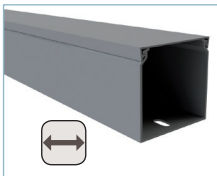


H 25/40/60



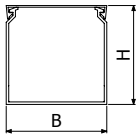
H 80/100/120

QCL

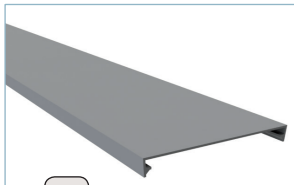


L = 2 m (6 ft)

	B		H		PVCM1 7030	
	mm	inch	mm	inch	REF.	kg/m
QCL 25X25	25	1 "	25	1"	2/7300	0,25
QCL 40x40	40	1 4/7"	40	1 4/7"	2/7301	0,35
QCL 60x40	60	2 3/8"	40	1 4/7"	2/7302	0,41
QCL 60x60	60	2 3/8"	60	2 3/8"	2/7303	0,49

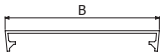


TQRL

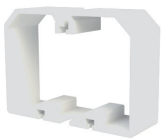


L = 2 m (6 ft)

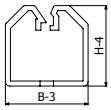
	B		PVCM1 7030	
	mm	inch	REF.	kg/m
TQRL 25	25	1"	2/7162	0,08
TQRL 40	40	1 4/7"	2/7163	0,10
TQRL 60	60	2 3/8"	2/7164	0,13
TQRL 80	80	3 1/7"	2/7165	0,16
TQRL 100	100	4"	2/7166	0,19
TQRL 120	120	4 5/7"	2/7167	0,23



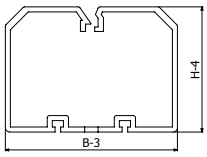
RCQRL



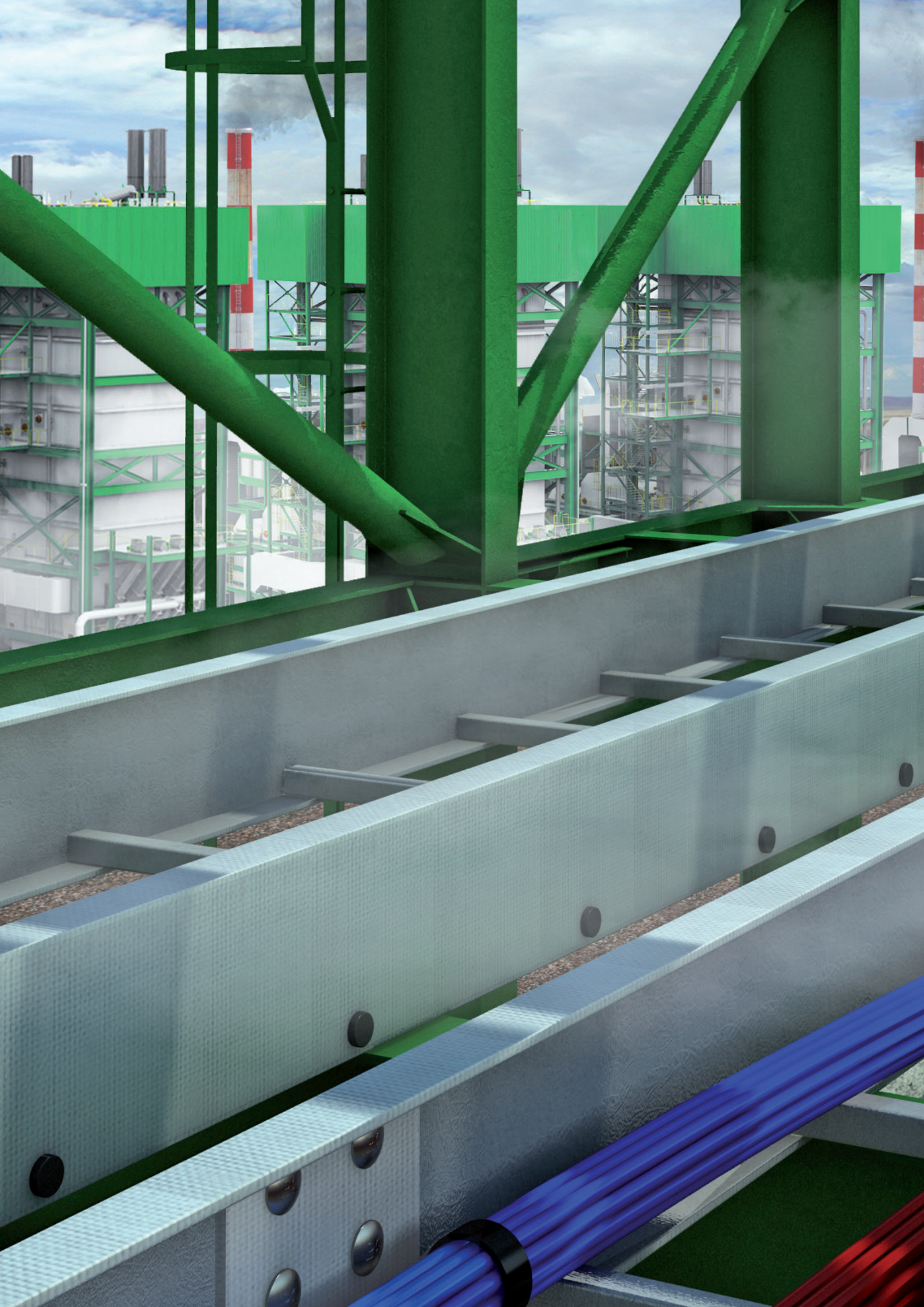
	B		H		PA6	
	mm	inch	mm	inch	REF.	kg/ud
RCQRL 40x40	40	1 4/7"	40	1 4/7"	2/7168	0,02
RCQRL 40x60	40	1 4/7"	60	2 3/8"	2/7169	0,02
RCQRL 40x80	40	1 4/7"	80	3 1/7"	2/7170	0,02
RCQRL 60x40	60	2 3/8"	40	1 4/7"	2/7171	0,02
RCQRL 60x60	60	2 3/8"	60	2 3/8"	2/7172	0,02
RCQRL 60x80	60	2 3/8"	80	3 1/7"	2/7173	0,02
RCQRL 80x60	80	3 1/7"	60	2 3/8"	2/7174	0,03
RCQRL 80x80	80	3 1/7"	80	3 1/7"	2/7175	0,03
RCQRL 100x60	100	4"	60	2 3/8"	2/7176	0,03
RCQRL 100x80	100	4"	80	3 1/7"	2/7177	0,03
RCQRL 120x60	120	4 5/7"	60	2 3/8"	2/7178	0,03
RCQRL 120x80	120	4 5/7"	80	3 1/7"	2/7179	0,03

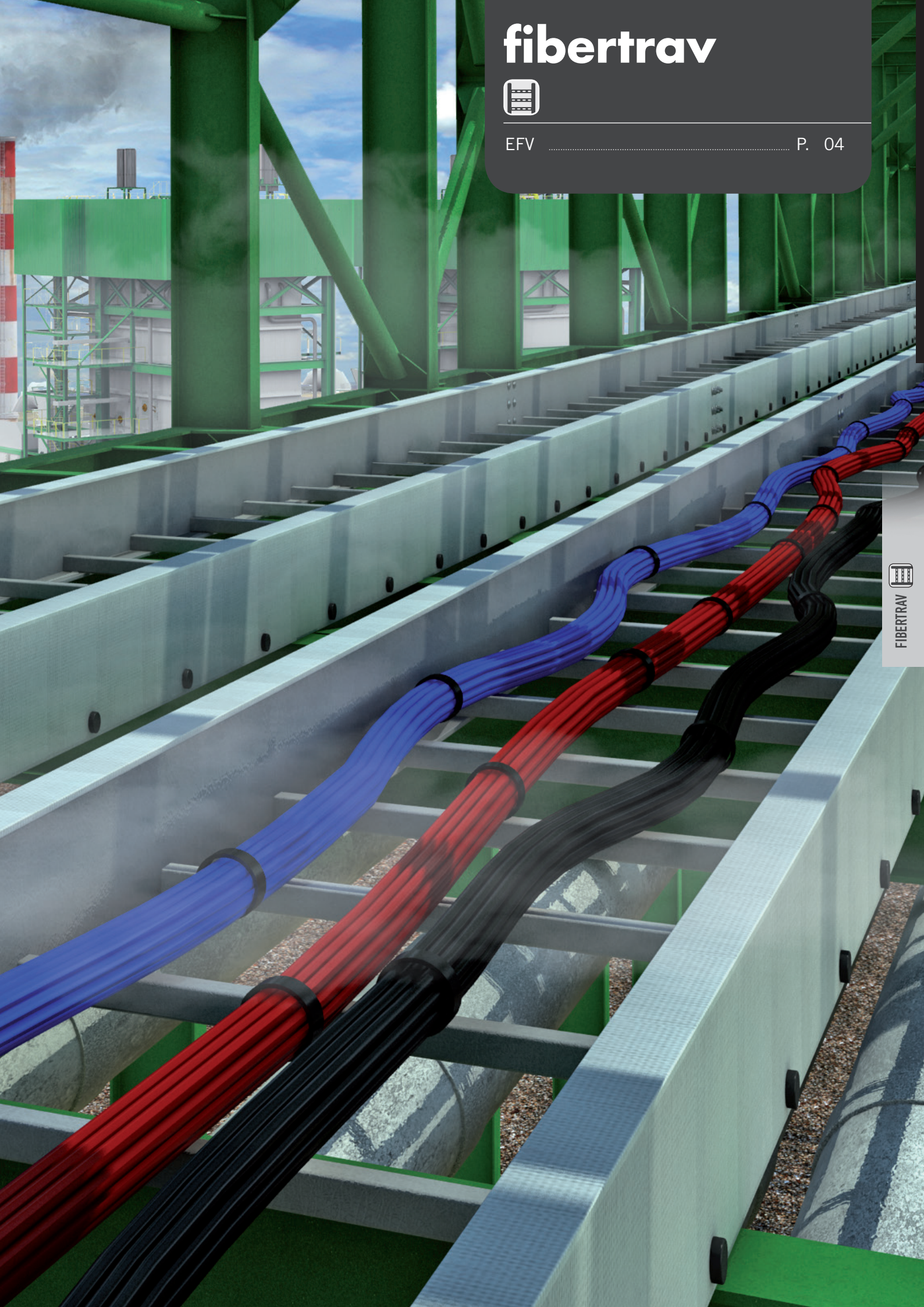


RCQRL H40/H60



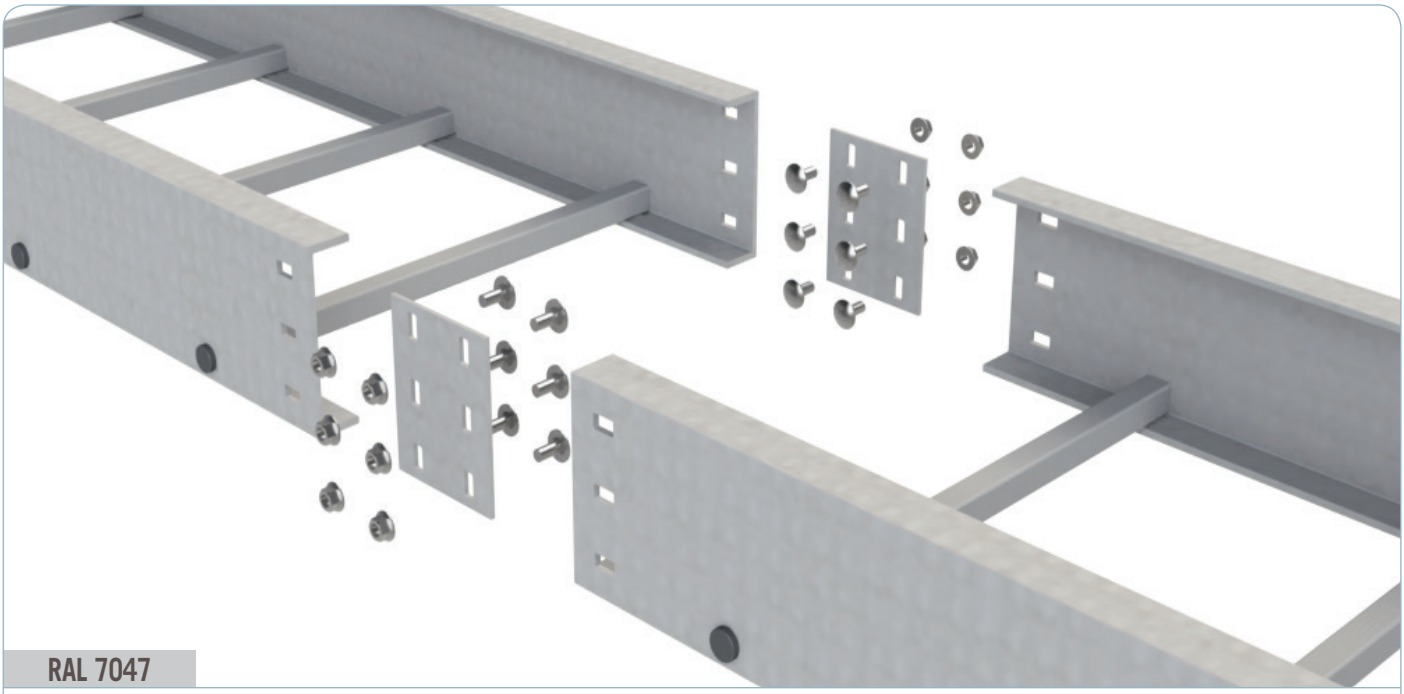
RCQRL H80/H100/H120





fibertrav

EFV ..... P. 04



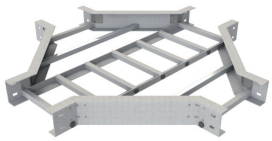
RAL 7047

UNE-EN 61537 | 150ºC -50ºC UNE-EN 61537 | V0 UNE-EN 61537 | 20J UNE-EN 61537 | RoHS | HALOGEN FREE

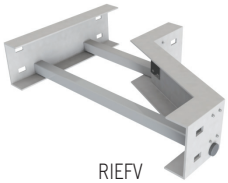

CPEFV


CCEFV

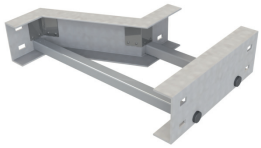

CXEFV


CREFV


TEEFV

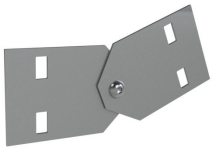

RIEFV

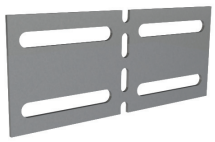

RCEFV

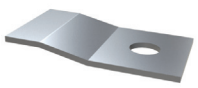

RDEFV


PSEFV


JUEFV


JUEFV-A

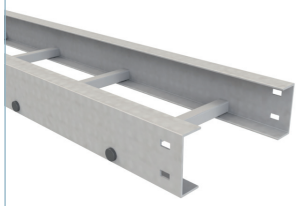

JUEFV-B


BEFV


B3

		Filling Area							
B		H3"		H4"		H6"		H8"	
inch	mm	in²	cm²	in²	cm²	in²	cm²	in²	cm²
6	150	**10,44**	66,30	**16,20**	102,90	**27,02**	171,60	**39,50**	250,80
9	225	**15,66**	99,45	**24,31**	154,35	**40,54**	257,40	**59,24**	376,20
12	300	**20,88**	132,60	**32,41**	205,80	**54,05**	343,20	**78,99**	501,60
18	450	**31,32**	198,90	**48,61**	308,70	**81,07**	514,80	**118,49**	752,40
24	600	**41,76**	265,20	**64,82**	411,60	**108,09**	686,40	**157,98**	1003,20
30	750	**52,20**	331,50	**81,02**	514,50	**135,12**	858,00	**197,48**	1254,00
36	900	**62,65**	397,80	**97,23**	617,40	**162,14**	1029,60	**236,98**	1504,80

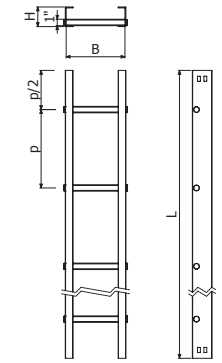
EFVS H3



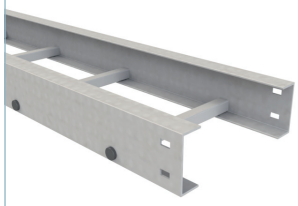
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVS 6X3-p 6M	**6**	150	**3**	75	2/11239	3,03	2/11279	2,74	2/11319	2,62
EFVS 9X3-p 6M	**9**	225	**3**	75	2/11240	3,43	2/11280	3,01	2/11320	2,82
EFVS 12X3-p 6M	**12**	300	**3**	75	2/11241	3,83	2/11281	3,27	2/11321	3,03
EFVS 18X3-p 6M	**18**	450	**3**	75	2/11242	4,64	2/11282	3,79	2/11322	3,43
EFVS 24X3-p 6M	**24**	600	**3**	75	2/11243	5,45	2/11283	4,32	2/11323	3,84

2 x JUEFV 3 (2/12068)



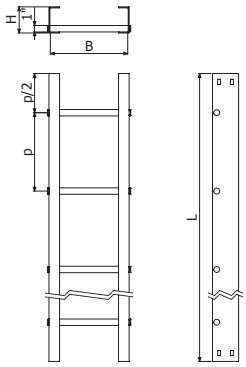
EFVS H4



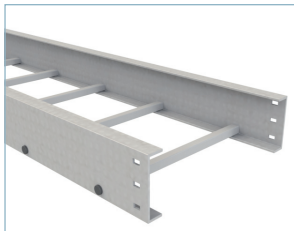
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVS 6X4-p 6M	**6**	150	**4**	100	2/11244	4,05	2/11284	3,77	2/11324	3,65
EFVS 9X4-p 6M	**9**	225	**4**	100	2/11245	4,45	2/11285	4,03	2/11325	3,85
EFVS 12X4-p 6M	**12**	300	**4**	100	2/11246	4,86	2/11286	4,29	2/11326	4,05
EFVS 18X4-p 6M	**18**	450	**4**	100	2/11247	5,67	2/11287	4,82	2/11327	4,46
EFVS 24X4-p 6M	**24**	600	**4**	100	2/11248	6,48	2/11288	5,35	2/11328	4,86
EFVS 30X4-p 6M	**30**	750	**4**	100	2/11249	7,29	2/11289	5,87	2/11329	5,26
EFVS 36X4-p 6M	**36**	900	**4**	100	2/11250	7,56	2/11290	6,05	2/11330	5,40

2 x JUEFV 4 (2/12069)



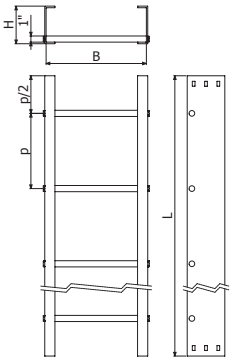
EFVL H6



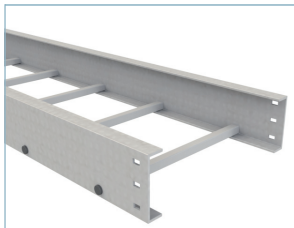
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVL 6X6-p 6M	**6**	150	**6**	150	2/11251	5,66	2/11291	5,37	2/11331	5,25
EFVL 9X6-p 6M	**9**	225	**6**	150	2/11252	6,06	2/11292	5,64	2/11332	5,46
EFVL 12X6-p 6M	**12**	300	**6**	150	2/11253	6,47	2/11293	5,90	2/11333	5,66
EFVL 18X6-p 6M	**18**	450	**6**	150	2/11254	7,28	2/11294	6,43	2/11334	6,06
EFVL 24X6-p 6M	**24**	600	**6**	150	2/11255	8,09	2/11295	6,95	2/11335	6,47
EFVL 30X6-p 6M	**30**	750	**6**	150	2/11256	8,90	2/11296	7,48	2/11336	6,87
EFVL 36X6-p 6M	**36**	900	**6**	150	2/11257	9,17	2/11297	7,65	2/11337	7,01

2 x JUEFV 6 (2/12070)



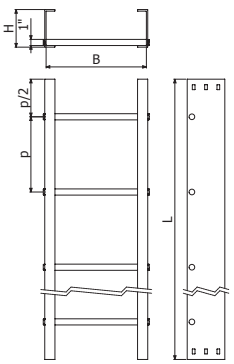
EFVS H6



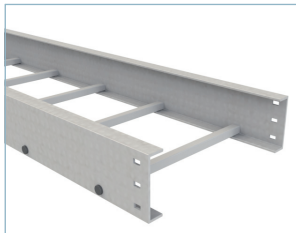
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVS 6X6-p 6M	**6**	150	**6**	150	2/11258	7,24	2/11298	6,96	2/11338	6,84
EFVS 9X6-p 6M	**9**	225	**6**	150	2/11259	7,65	2/11299	7,22	2/11339	7,04
EFVS 12X6-p 6M	**12**	300	**6**	150	2/11260	8,05	2/11300	7,49	2/11340	7,24
EFVS 18X6-p 6M	**18**	450	**6**	150	2/11261	8,86	2/11301	8,01	2/11341	7,65
EFVS 24X6-p 6M	**24**	600	**6**	150	2/11262	9,67	2/11302	8,54	2/11342	8,05
EFVS 30X6-p 6M	**30**	750	**6**	150	2/11263	10,48	2/11303	9,06	2/11343	8,46
EFVS 36X6-p 6M	**36**	900	**6**	150	2/11264	10,75	2/11304	9,24	2/11344	8,59

2 x JUEFV 6 (2/12070)



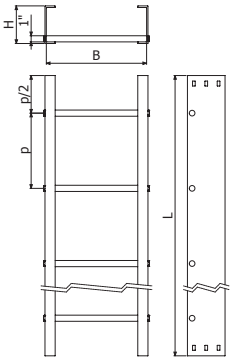
EFVR H6



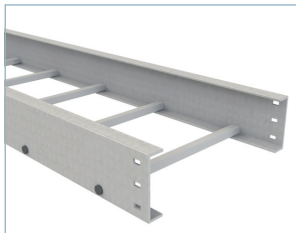
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVR 6X6-p 6M	**6**	150	**6**	150	2/17286	8,83	2/17293	8,54	2/17300	8,42
EFVR 9X6-p 6M	**9**	225	**6**	150	2/17287	9,23	2/17294	8,81	2/17301	8,63
EFVR 12X6-p 6M	**12**	300	**6**	150	2/17288	9,64	2/17295	9,07	2/17302	8,83
EFVR 18X6-p 6M	**18**	450	**6**	150	2/17289	10,45	2/17296	9,60	2/17303	9,23
EFVR 24X6-p 6M	**24**	600	**6**	150	2/17290	11,26	2/17297	10,12	2/17304	9,64
EFVR 30X6-p 6M	**30**	750	**6**	150	2/17291	12,07	2/17298	10,65	2/17305	10,04
EFVR 36X6-p 6M	**36**	900	**6**	150	2/17292	12,34	2/17299	10,83	2/17306	10,18

2 x JUEFV 6 (2/12070)



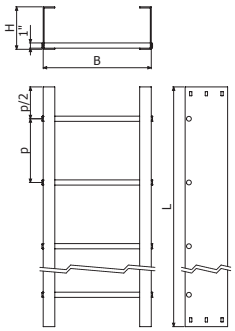
EFVS H8



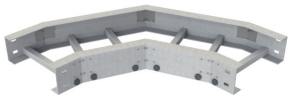
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVS 6X8-p 6M	**6**	150	**8**	200	2/11272	8,10	2/11312	7,82	2/11352	7,70
EFVS 9X8-p 6M	**9**	225	**8**	200	2/11273	8,50	2/11313	8,08	2/11353	7,90
EFVS 12X8-p 6M	**12**	300	**8**	200	2/11274	8,91	2/11314	8,34	2/11354	8,10
EFVS 18X8-p 6M	**18**	450	**8**	200	2/11275	9,72	2/11315	8,87	2/11355	8,51
EFVS 24X8-p 6M	**24**	600	**8**	200	2/11276	10,53	2/11316	9,40	2/11356	8,91
EFVS 30X8-p 6M	**30**	750	**8**	200	2/11277	11,34	2/11317	9,92	2/11357	9,31
EFVS 36X8-p 6M	**36**	900	**8**	200	2/11278	11,61	2/11318	10,10	2/11358	9,45

2 x JUEFV 8 (2/12071)

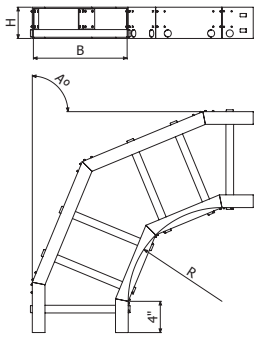


CPEFV H3



	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPEFV45-12 6X3	45	**12**	300	**6**	150	**3**	75	2/11359	0,78
CPEFV45-12 9X3	45	**12**	300	**9**	230	**3**	75	2/11360	0,96
CPEFV45-12 12X3	45	**12**	300	**12**	300	**3**	75	2/11361	1,15
CPEFV45-12 18X3	45	**12**	300	**18**	450	**3**	75	2/11362	1,51
CPEFV45-12 24X3	45	**12**	300	**24**	600	**3**	75	2/11363	1,87
CPEFV-12 6X3	90	**12**	300	**6**	150	**3**	75	2/11364	2,06
CPEFV-12 9X3	90	**12**	300	**9**	230	**3**	75	2/11365	2,43
CPEFV-12 12X3	90	**12**	300	**12**	300	**3**	75	2/11366	2,79
CPEFV-12 18X3	90	**12**	300	**18**	450	**3**	75	2/11367	3,52
CPEFV-12 24X3	90	**12**	300	**24**	600	**3**	75	2/11368	4,25

2 x JUEFV 3 (2/12068)

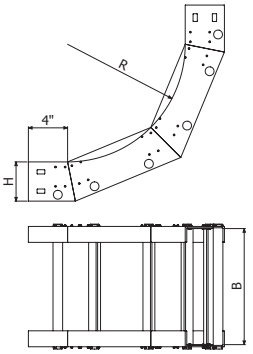


CCEFV H3



	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCEFV45-12 6X3	45	**12**	300	**6**	150	**3**	75	2/11495	1,43
CCEFV45-12 9X3	45	**12**	300	**9**	230	**3**	75	2/11496	1,61
CCEFV45-12 12X3	45	**12**	300	**12**	300	**3**	75	2/11497	1,79
CCEFV45-12 18X3	45	**12**	300	**18**	450	**3**	75	2/11498	2,15
CCEFV45-12 24X3	45	**12**	300	**24**	600	**3**	75	2/11499	2,52
CCEFV-12 6X3	90	**12**	300	**6**	150	**3**	75	2/11500	3,35
CCEFV-12 9X3	90	**12**	300	**9**	230	**3**	75	2/11501	3,72
CCEFV-12 12X3	90	**12**	300	**12**	300	**3**	75	2/11502	4,08
CCEFV-12 18X3	90	**12**	300	**18**	450	**3**	75	2/11503	4,81
CCEFV-12 24X3	90	**12**	300	**24**	600	**3**	75	2/11504	5,54

2 x JUEFV 3 (2/12068)

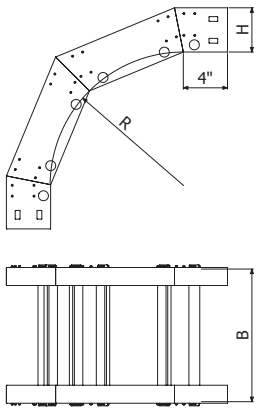


CXEFV H3

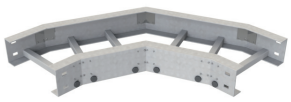


	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X3	45	**12**	300	**6**	150	**3**	75	2/11631	1,43
CXEFV45-12 9X3	45	**12**	300	**9**	230	**3**	75	2/11632	1,61
CXEFV45-12 12X3	45	**12**	300	**12**	300	**3**	75	2/11633	1,79
CXEFV45-12 18X3	45	**12**	300	**18**	450	**3**	75	2/11634	2,15
CXEFV45-12 24X3	45	**12**	300	**24**	600	**3**	75	2/11635	2,52
CXEFV-12 6X3	90	**12**	300	**6**	150	**3**	75	2/11636	3,35
CXEFV-12 9X3	90	**12**	300	**9**	230	**3**	75	2/11637	3,72
CXEFV-12 12X3	90	**12**	300	**12**	300	**3**	75	2/11638	4,08
CXEFV-12 18X3	90	**12**	300	**18**	450	**3**	75	2/11639	4,81
CXEFV-12 24X3	90	**12**	300	**24**	600	**3**	75	2/11640	5,54

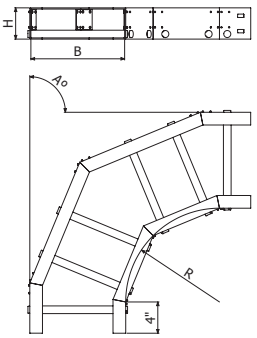
2 x JUEFV 3 (2/12068)



CPEFV H4



	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPEFV45-12 6X4	45	**12**	300	**6**	150	**4**	100	2/11369	1,28
CPEFV45-12 9X4	45	**12**	300	**9**	225	**4**	100	2/11370	1,46
CPEFV45-12 12X4	45	**12**	300	**12**	300	**4**	100	2/11371	1,65
CPEFV45-12 18X4	45	**12**	300	**18**	450	**4**	100	2/11372	2,01
CPEFV45-12 24X4	45	**12**	300	**24**	600	**4**	100	2/11373	2,37
CPEFV45-12 30X4	45	**12**	300	**30**	750	**4**	100	2/11374	2,74
CPEFV45-12 36X4	45	**12**	300	**36**	900	**4**	100	2/11375	2,86
CPEFV-12 6X4	90	**12**	300	**6**	150	**4**	100	2/11376	2,56
CPEFV-12 9X4	90	**12**	300	**9**	225	**4**	100	2/11377	2,93
CPEFV-12 12X4	90	**12**	300	**12**	300	**4**	100	2/11378	3,29
CPEFV-12 18X4	90	**12**	300	**18**	450	**4**	100	2/11379	4,02
CPEFV-12 24X4	90	**12**	300	**24**	600	**4**	100	2/11380	4,75
CPEFV-12 30X4	90	**12**	300	**30**	750	**4**	100	2/11381	5,48
CPEFV-12 36X4	90	**12**	300	**36**	900	**4**	100	2/11382	5,72
CPEFV45-24 6X4	45	**24**	600	**6**	150	**4**	100	2/11383	1,47
CPEFV45-24 9X4	45	**24**	600	**9**	225	**4**	100	2/11384	1,68
CPEFV45-24 12X4	45	**24**	600	**12**	300	**4**	100	2/11385	1,89
CPEFV45-24 18X4	45	**24**	600	**18**	450	**4**	100	2/11386	2,31
CPEFV45-24 24X4	45	**24**	600	**24**	600	**4**	100	2/11387	2,73
CPEFV45-24 30X4	45	**24**	600	**30**	750	**4**	100	2/11388	3,15
CPEFV45-24 36X4	45	**24**	600	**36**	900	**4**	100	2/11389	3,29
CPEFV-24 6X4	90	**24**	600	**6**	150	**4**	100	2/11390	2,95
CPEFV-24 9X4	90	**24**	600	**9**	225	**4**	100	2/11391	3,36
CPEFV-24 12X4	90	**24**	600	**12**	300	**4**	100	2/11392	3,78
CPEFV-24 18X4	90	**24**	600	**18**	450	**4**	100	2/11393	4,62
CPEFV-24 24X4	90	**24**	600	**24**	600	**4**	100	2/11394	5,46
CPEFV-24 30X4	90	**24**	600	**30**	750	**4**	100	2/11395	6,30
CPEFV-24 36X4	90	**24**	600	**36**	900	**4**	100	2/11396	6,58
CPEFV45-36 6X4	45	**36**	900	**6**	150	**4**	100	2/11397	1,69
CPEFV45-36 9X4	45	**36**	900	**9**	225	**4**	100	2/11398	1,93
CPEFV45-36 12X4	45	**36**	900	**12**	300	**4**	100	2/11399	2,18
CPEFV45-36 18X4	45	**36**	900	**18**	450	**4**	100	2/11400	2,66
CPEFV45-36 24X4	45	**36**	900	**24**	600	**4**	100	2/11401	3,14
CPEFV45-36 30X4	45	**36**	900	**30**	750	**4**	100	2/11402	3,62
CPEFV45-36 36X4	45	**36**	900	**36**	900	**4**	100	2/11403	3,78
CPEFV-36 6X4	90	**36**	900	**6**	150	**4**	100	2/11404	3,39
CPEFV-36 9X4	90	**36**	900	**9**	225	**4**	100	2/11405	3,87
CPEFV-36 12X4	90	**36**	900	**12**	300	**4**	100	2/11406	4,35
CPEFV-36 18X4	90	**36**	900	**18**	450	**4**	100	2/11407	5,31
CPEFV-36 24X4	90	**36**	900	**24**	600	**4**	100	2/11408	6,28
CPEFV-36 30X4	90	**36**	900	**30**	750	**4**	100	2/11409	7,24
CPEFV-36 36X4	90	**36**	900	**36**	900	**4**	100	2/11410	7,56

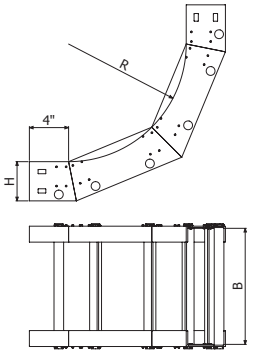


2 x JUEFV 4 (2/12069)

CCEFV H4



	A (°)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCEFV45-12 6X4	45	**12**	300	**6**	150	**4**	100	2/11505	1,93
CCEFV45-12 9X4	45	**12**	300	**9**	225	**4**	100	2/11506	2,11
CCEFV45-12 12X4	45	**12**	300	**12**	300	**4**	100	2/11507	2,29
CCEFV45-12 18X4	45	**12**	300	**18**	450	**4**	100	2/11508	2,65
CCEFV45-12 24X4	45	**12**	300	**24**	600	**4**	100	2/11509	3,02
CCEFV45-12 30X4	45	**12**	300	**30**	750	**4**	100	2/11510	3,38
CCEFV45-12 36X4	45	**12**	300	**36**	900	**4**	100	2/11511	3,50
CCEFV-12 6X4	90	**12**	300	**6**	150	**4**	100	2/11512	3,85
CCEFV-12 9X4	90	**12**	300	**9**	225	**4**	100	2/11513	4,22
CCEFV-12 12X4	90	**12**	300	**12**	300	**4**	100	2/11514	4,58
CCEFV-12 18X4	90	**12**	300	**18**	450	**4**	100	2/11515	5,31
CCEFV-12 24X4	90	**12**	300	**24**	600	**4**	100	2/11516	6,04
CCEFV-12 30X4	90	**12**	300	**30**	750	**4**	100	2/11517	6,77
CCEFV-12 36X4	90	**12**	300	**36**	900	**4**	100	2/11518	7,01
CCEFV45-24 6X4	45	**24**	600	**6**	150	**4**	100	2/11519	2,21
CCEFV45-24 9X4	45	**24**	600	**9**	225	**4**	100	2/11520	2,42
CCEFV45-24 12X4	45	**24**	600	**12**	300	**4**	100	2/11521	2,63
CCEFV45-24 18X4	45	**24**	600	**18**	450	**4**	100	2/11522	3,05
CCEFV45-24 24X4	45	**24**	600	**24**	600	**4**	100	2/11523	3,47
CCEFV45-24 30X4	45	**24**	600	**30**	750	**4**	100	2/11524	3,89
CCEFV45-24 36X4	45	**24**	600	**36**	900	**4**	100	2/11525	4,03
CCEFV-24 6X4	90	**24**	600	**6**	150	**4**	100	2/11526	4,43
CCEFV-24 9X4	90	**24**	600	**9**	225	**4**	100	2/11527	4,85
CCEFV-24 12X4	90	**24**	600	**12**	300	**4**	100	2/11528	5,27
CCEFV-24 18X4	90	**24**	600	**18**	450	**4**	100	2/11529	6,10
CCEFV-24 24X4	90	**24**	600	**24**	600	**4**	100	2/11530	6,94
CCEFV-24 30X4	90	**24**	600	**30**	750	**4**	100	2/11531	7,78
CCEFV-24 36X4	90	**24**	600	**36**	900	**4**	100	2/11532	8,06
CCEFV45-36 6X4	45	**36**	900	**6**	150	**4**	100	2/11533	2,55
CCEFV45-36 9X4	45	**36**	900	**9**	225	**4**	100	2/11534	2,79
CCEFV45-36 12X4	45	**36**	900	**12**	300	**4**	100	2/11535	3,03
CCEFV45-36 18X4	45	**36**	900	**18**	450	**4**	100	2/11536	3,51
CCEFV45-36 24X4	45	**36**	900	**24**	600	**4**	100	2/11537	3,99
CCEFV45-36 30X4	45	**36**	900	**30**	750	**4**	100	2/11538	4,47
CCEFV45-36 36X4	45	**36**	900	**36**	900	**4**	100	2/11539	4,63
CCEFV-36 6X4	90	**36**	900	**6**	150	**4**	100	2/11540	5,09
CCEFV-36 9X4	90	**36**	900	**9**	225	**4**	100	2/11541	5,58
CCEFV-36 12X4	90	**36**	900	**12**	300	**4**	100	2/11542	6,06
CCEFV-36 18X4	90	**36**	900	**18**	450	**4**	100	2/11543	7,02
CCEFV-36 24X4	90	**36**	900	**24**	600	**4**	100	2/11544	7,98
CCEFV-36 30X4	90	**36**	900	**30**	750	**4**	100	2/11545	8,95
CCEFV-36 36X4	90	**36**	900	**36**	900	**4**	100	2/11546	9,27

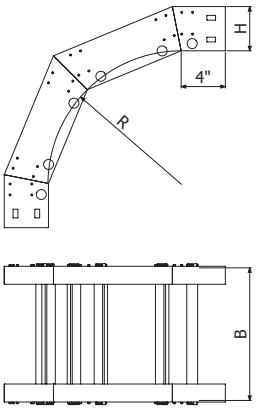


2 x JUEFV 4 (2/12069)

CXEFV H4

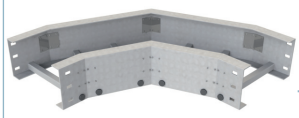


	A (°)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X4	45	**12**	300	**6**	150	**4**	100	2/11641	1,93
CXEFV45-12 9X4	45	**12**	300	**9**	225	**4**	100	2/11642	2,11
CXEFV45-12 12X4	45	**12**	300	**12**	300	**4**	100	2/11643	2,29
CXEFV45-12 18X4	45	**12**	300	**18**	450	**4**	100	2/11644	2,65
CXEFV45-12 24X4	45	**12**	300	**24**	600	**4**	100	2/11645	3,02
CXEFV45-12 30X4	45	**12**	300	**30**	750	**4**	100	2/11646	3,38
CXEFV45-12 36X4	45	**12**	300	**36**	900	**4**	100	2/11647	3,50
CXEFV-12 6X4	90	**12**	300	**6**	150	**4**	100	2/11648	3,85
CXEFV-12 9X4	90	**12**	300	**9**	225	**4**	100	2/11649	4,22
CXEFV-12 12X4	90	**12**	300	**12**	300	**4**	100	2/11650	4,58
CXEFV-12 18X4	90	**12**	300	**18**	450	**4**	100	2/11651	5,31
CXEFV-12 24X4	90	**12**	300	**24**	600	**4**	100	2/11652	6,04
CXEFV-12 30X4	90	**12**	300	**30**	750	**4**	100	2/11653	6,77
CXEFV-12 36X4	90	**12**	300	**36**	900	**4**	100	2/11654	7,01
CXEFV45-24 6X4	45	**24**	600	**6**	150	**4**	100	2/11655	2,21
CXEFV45-24 9X4	45	**24**	600	**9**	225	**4**	100	2/11656	2,42
CXEFV45-24 12X4	45	**24**	600	**12**	300	**4**	100	2/11657	2,63
CXEFV45-24 18X4	45	**24**	600	**18**	450	**4**	100	2/11658	3,05
CXEFV45-24 24X4	45	**24**	600	**24**	600	**4**	100	2/11659	3,47
CXEFV45-24 30X4	45	**24**	600	**30**	750	**4**	100	2/11660	3,89
CXEFV45-24 36X4	45	**24**	600	**36**	900	**4**	100	2/11661	4,03
CXEFV-24 6X4	90	**24**	600	**6**	150	**4**	100	2/11662	4,43
CXEFV-24 9X4	90	**24**	600	**9**	225	**4**	100	2/11663	4,85
CXEFV-24 12X4	90	**24**	600	**12**	300	**4**	100	2/11664	5,27
CXEFV-24 18X4	90	**24**	600	**18**	450	**4**	100	2/11665	6,10
CXEFV-24 24X4	90	**24**	600	**24**	600	**4**	100	2/11666	6,94
CXEFV-24 30X4	90	**24**	600	**30**	750	**4**	100	2/11667	7,78
CXEFV-24 36X4	90	**24**	600	**36**	900	**4**	100	2/11668	8,06
CXEFV45-36 6X4	45	**36**	900	**6**	150	**4**	100	2/11669	2,55
CXEFV45-36 9X4	45	**36**	900	**9**	225	**4**	100	2/11670	2,79
CXEFV45-36 12X4	45	**36**	900	**12**	300	**4**	100	2/11671	3,03
CXEFV45-36 18X4	45	**36**	900	**18**	450	**4**	100	2/11672	3,51
CXEFV45-36 24X4	45	**36**	900	**24**	600	**4**	100	2/11673	3,99
CXEFV45-36 30X4	45	**36**	900	**30**	750	**4**	100	2/11674	4,47
CXEFV45-36 36X4	45	**36**	900	**36**	900	**4**	100	2/11675	4,63
CXEFV-36 6X4	90	**36**	900	**6**	150	**4**	100	2/11676	5,09
CXEFV-36 9X4	90	**36**	900	**9**	225	**4**	100	2/11677	5,58
CXEFV-36 12X4	90	**36**	900	**12**	300	**4**	100	2/11678	6,06
CXEFV-36 18X4	90	**36**	900	**18**	450	**4**	100	2/11679	7,02
CXEFV-36 24X4	90	**36**	900	**24**	600	**4**	100	2/11680	7,98
CXEFV-36 30X4	90	**36**	900	**30**	750	**4**	100	2/11681	8,95
CXEFV-36 36X4	90	**36**	900	**36**	900	**4**	100	2/11682	9,27

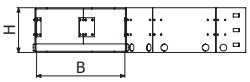


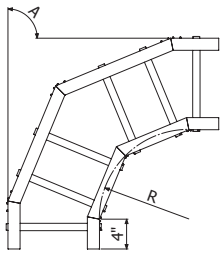
2 x JUEFV 4 (2/12069)

CPEFV H6



	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPEFV45-12 6X6	45	**12**	300	**6**	150	**6**	150	2/11411	2,43
CPEFV45-12 9X6	45	**12**	300	**9**	225	**6**	150	2/11412	2,61
CPEFV45-12 12X6	45	**12**	300	**12**	300	**6**	150	2/11413	2,80
CPEFV45-12 18X6	45	**12**	300	**18**	450	**6**	150	2/11414	3,16
CPEFV45-12 24X6	45	**12**	300	**24**	600	**6**	150	2/11415	3,52
CPEFV45-12 30X6	45	**12**	300	**30**	750	**6**	150	2/11416	3,89
CPEFV45-12 36X6	45	**12**	300	**36**	900	**6**	150	2/11417	4,01
CPEFV-12 6X6	90	**12**	300	**6**	150	**6**	150	2/11418	3,71
CPEFV-12 9X6	90	**12**	300	**9**	225	**6**	150	2/11419	4,08
CPEFV-12 12X6	90	**12**	300	**12**	300	**6**	150	2/11420	4,44
CPEFV-12 18X6	90	**12**	300	**18**	450	**6**	150	2/11421	5,17
CPEFV-12 24X6	90	**12**	300	**24**	600	**6**	150	2/11422	5,90
CPEFV-12 30X6	90	**12**	300	**30**	750	**6**	150	2/11423	6,63
CPEFV-12 36X6	90	**12**	300	**36**	900	**6**	150	2/11424	7,36
CPEFV45-24 6X6	45	**24**	600	**6**	150	**6**	150	2/11425	3,00
CPEFV45-24 9X6	45	**24**	600	**9**	225	**6**	150	2/11426	3,21
CPEFV45-24 12X6	45	**24**	600	**12**	300	**6**	150	2/11427	3,63
CPEFV45-24 18X6	45	**24**	600	**18**	450	**6**	150	2/11428	4,05
CPEFV45-24 24X6	45	**24**	600	**24**	600	**6**	150	2/11429	4,47
CPEFV45-24 30X6	45	**24**	600	**30**	750	**6**	150	2/11430	4,61
CPEFV45-24 36X6	45	**24**	600	**36**	900	**6**	150	2/11431	4,27
CPEFV-24 6X6	90	**24**	600	**6**	150	**6**	150	2/11432	4,69
CPEFV-24 9X6	90	**24**	600	**9**	225	**6**	150	2/11433	5,11
CPEFV-24 12X6	90	**24**	600	**12**	300	**6**	150	2/11434	5,94
CPEFV-24 18X6	90	**24**	600	**18**	450	**6**	150	2/11435	6,78
CPEFV-24 24X6	90	**24**	600	**24**	600	**6**	150	2/11436	7,62
CPEFV-24 30X6	90	**24**	600	**30**	750	**6**	150	2/11437	8,46
CPEFV-24 36X6	90	**24**	600	**36**	900	**6**	150	2/11438	9,30
CPEFV45-36 6X6	45	**36**	900	**6**	150	**6**	150	2/11439	3,21
CPEFV45-36 9X6	45	**36**	900	**9**	225	**6**	150	2/11440	3,46
CPEFV45-36 12X6	45	**36**	900	**12**	300	**6**	150	2/11441	3,70
CPEFV45-36 18X6	45	**36**	900	**18**	450	**6**	150	2/11442	4,18
CPEFV45-36 24X6	45	**36**	900	**24**	600	**6**	150	2/11443	4,66
CPEFV45-36 30X6	45	**36**	900	**30**	750	**6**	150	2/11444	5,14
CPEFV45-36 36X6	45	**36**	900	**36**	900	**6**	150	2/11445	5,30
CPEFV-36 6X6	90	**36**	900	**6**	150	**6**	150	2/11446	4,91
CPEFV-36 9X6	90	**36**	900	**9**	225	**6**	150	2/11447	5,39
CPEFV-36 12X6	90	**36**	900	**12**	300	**6**	150	2/11448	5,87
CPEFV-36 18X6	90	**36**	900	**18**	450	**6**	150	2/11449	6,84
CPEFV-36 24X6	90	**36**	900	**24**	600	**6**	150	2/11450	7,80
CPEFV-36 30X6	90	**36**	900	**30**	750	**6**	150	2/11451	8,76
CPEFV-36 36X6	90	**36**	900	**36**	900	**6**	150	2/11452	9,72



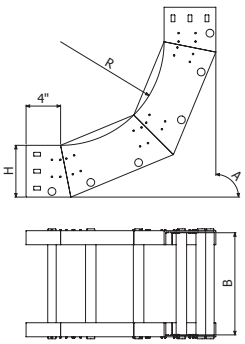


2 x JUEFV 6 (2/12070)

CCEFV H6

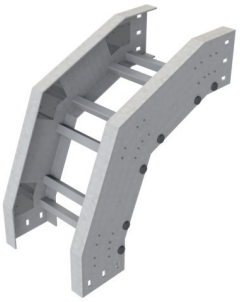


	A (°)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCEFV45-12 6X6	45	**12**	300	**6**	150	**6**	150	2/11547	3,08
CCEFV45-12 9X6	45	**12**	300	**9**	225	**6**	150	2/11548	3,26
CCEFV45-12 12X6	45	**12**	300	**12**	300	**6**	150	2/11549	3,44
CCEFV45-12 18X6	45	**12**	300	**18**	450	**6**	150	2/11550	3,80
CCEFV45-12 24X6	45	**12**	300	**24**	600	**6**	150	2/11551	4,17
CCEFV45-12 30X6	45	**12**	300	**30**	750	**6**	150	2/11552	4,53
CCEFV45-12 36X6	45	**12**	300	**36**	900	**6**	150	2/11553	4,65
CCEFV-12 6X6	90	**12**	300	**6**	150	**6**	150	2/11554	5,00
CCEFV-12 9X6	90	**12**	300	**9**	225	**6**	150	2/11555	5,37
CCEFV-12 12X6	90	**12**	300	**12**	300	**6**	150	2/11556	5,73
CCEFV-12 18X6	90	**12**	300	**18**	450	**6**	150	2/11557	6,46
CCEFV-12 24X6	90	**12**	300	**24**	600	**6**	150	2/11558	7,19
CCEFV-12 30X6	90	**12**	300	**30**	750	**6**	150	2/11559	7,92
CCEFV-12 36X6	90	**12**	300	**36**	900	**6**	150	2/11560	8,65
CCEFV45-24 6X6	45	**24**	600	**6**	150	**6**	150	2/11561	3,75
CCEFV45-24 9X6	45	**24**	600	**9**	225	**6**	150	2/11562	3,96
CCEFV45-24 12X6	45	**24**	600	**12**	300	**6**	150	2/11563	4,37
CCEFV45-24 18X6	45	**24**	600	**18**	450	**6**	150	2/11564	4,79
CCEFV45-24 24X6	45	**24**	600	**24**	600	**6**	150	2/11565	5,21
CCEFV45-24 30X6	45	**24**	600	**30**	750	**6**	150	2/11566	5,35
CCEFV45-24 36X6	45	**24**	600	**36**	900	**6**	150	2/11567	5,75
CCEFV-24 6X6	90	**24**	600	**6**	150	**6**	150	2/11568	6,17
CCEFV-24 9X6	90	**24**	600	**9**	225	**6**	150	2/11569	6,59
CCEFV-24 12X6	90	**24**	600	**12**	300	**6**	150	2/11570	7,43
CCEFV-24 18X6	90	**24**	600	**18**	450	**6**	150	2/11571	8,27
CCEFV-24 24X6	90	**24**	600	**24**	600	**6**	150	2/11572	9,10
CCEFV-24 30X6	90	**24**	600	**30**	750	**6**	150	2/11573	9,93
CCEFV-24 36X6	90	**24**	600	**36**	900	**6**	150	2/11574	10,76
CCEFV45-36 6X6	45	**36**	900	**6**	150	**6**	150	2/11575	4,07
CCEFV45-36 9X6	45	**36**	900	**9**	225	**6**	150	2/11576	4,31
CCEFV45-36 12X6	45	**36**	900	**12**	300	**6**	150	2/11577	4,55
CCEFV45-36 18X6	45	**36**	900	**18**	450	**6**	150	2/11578	5,03
CCEFV45-36 24X6	45	**36**	900	**24**	600	**6**	150	2/11579	5,51
CCEFV45-36 30X6	45	**36**	900	**30**	750	**6**	150	2/11580	5,99
CCEFV45-36 36X6	45	**36**	900	**36**	900	**6**	150	2/11581	6,16
CCEFV-36 6X6	90	**36**	900	**6**	150	**6**	150	2/11582	6,61
CCEFV-36 9X6	90	**36**	900	**9**	225	**6**	150	2/11583	7,10
CCEFV-36 12X6	90	**36**	900	**12**	300	**6**	150	2/11584	7,58
CCEFV-36 18X6	90	**36**	900	**18**	450	**6**	150	2/11585	8,54
CCEFV-36 24X6	90	**36**	900	**24**	600	**6**	150	2/11586	9,50
CCEFV-36 30X6	90	**36**	900	**30**	750	**6**	150	2/11587	10,47
CCEFV-36 36X6	90	**36**	900	**36**	900	**6**	150	2/11588	11,44

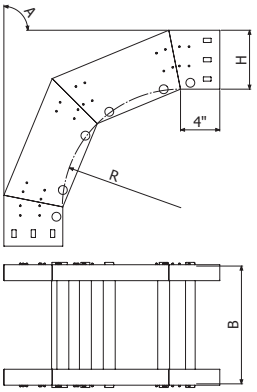


2 x JUEFV 6 (2/12070)

CXEFV H6

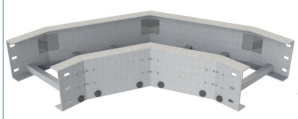


	A (°)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X6	45	**12**	300	**6**	150	**6**	150	2/11683	3,08
CXEFV45-12 9X6	45	**12**	300	**9**	225	**6**	150	2/11684	3,26
CXEFV45-12 12X6	45	**12**	300	**12**	300	**6**	150	2/11685	3,44
CXEFV45-12 18X6	45	**12**	300	**18**	450	**6**	150	2/11686	3,80
CXEFV45-12 24X6	45	**12**	300	**24**	600	**6**	150	2/11687	4,17
CXEFV45-12 30X6	45	**12**	300	**30**	750	**6**	150	2/11688	4,53
CXEFV45-12 36X6	45	**12**	300	**36**	900	**6**	150	2/11689	4,65
CXEFV-12 6X6	90	**12**	300	**6**	150	**6**	150	2/11690	5,00
CXEFV-12 9X6	90	**12**	300	**9**	225	**6**	150	2/11691	5,37
CXEFV-12 12X6	90	**12**	300	**12**	300	**6**	150	2/11692	5,73
CXEFV-12 18X6	90	**12**	300	**18**	450	**6**	150	2/11693	6,46
CXEFV-12 24X6	90	**12**	300	**24**	600	**6**	150	2/11694	7,19
CXEFV-12 30X6	90	**12**	300	**30**	750	**6**	150	2/11695	7,92
CXEFV-12 36X6	90	**12**	300	**36**	900	**6**	150	2/11696	8,65
CXEFV45-24 6X6	45	**24**	600	**6**	150	**6**	150	2/11697	3,75
CXEFV45-24 9X6	45	**24**	600	**9**	225	**6**	150	2/11698	3,96
CXEFV45-24 12X6	45	**24**	600	**12**	300	**6**	150	2/11699	4,37
CXEFV45-24 18X6	45	**24**	600	**18**	450	**6**	150	2/11700	4,79
CXEFV45-24 24X6	45	**24**	600	**24**	600	**6**	150	2/11701	5,21
CXEFV45-24 30X6	45	**24**	600	**30**	750	**6**	150	2/11702	5,35
CXEFV45-24 36X6	45	**24**	600	**36**	900	**6**	150	2/11703	5,75
CXEFV-24 6X6	90	**24**	600	**6**	150	**6**	150	2/11704	6,17
CXEFV-24 9X6	90	**24**	600	**9**	225	**6**	150	2/11705	6,59
CXEFV-24 12X6	90	**24**	600	**12**	300	**6**	150	2/11706	7,43
CXEFV-24 18X6	90	**24**	600	**18**	450	**6**	150	2/11707	8,27
CXEFV-24 24X6	90	**24**	600	**24**	600	**6**	150	2/11708	9,10
CXEFV-24 30X6	90	**24**	600	**30**	750	**6**	150	2/11709	9,93
CXEFV-24 36X6	90	**24**	600	**36**	900	**6**	150	2/11710	10,76
CXEFV45-36 6X6	45	**36**	900	**6**	150	**6**	150	2/11711	4,07
CXEFV45-36 9X6	45	**36**	900	**9**	225	**6**	150	2/11712	4,31
CXEFV45-36 12X6	45	**36**	900	**12**	300	**6**	150	2/11713	4,55
CXEFV45-36 18X6	45	**36**	900	**18**	450	**6**	150	2/11714	5,03
CXEFV45-36 24X6	45	**36**	900	**24**	600	**6**	150	2/11715	5,51
CXEFV45-36 30X6	45	**36**	900	**30**	750	**6**	150	2/11716	5,99
CXEFV45-36 36X6	45	**36**	900	**36**	900	**6**	150	2/11717	6,16
CXEFV-36 6X6	90	**36**	900	**6**	150	**6**	150	2/11718	6,61
CXEFV-36 9X6	90	**36**	900	**9**	225	**6**	150	2/11719	7,10
CXEFV-36 12X6	90	**36**	900	**12**	300	**6**	150	2/11720	7,58
CXEFV-36 18X6	90	**36**	900	**18**	450	**6**	150	2/11721	8,54
CXEFV-36 24X6	90	**36**	900	**24**	600	**6**	150	2/11722	9,50
CXEFV-36 30X6	90	**36**	900	**30**	750	**6**	150	2/11723	10,47
CXEFV-36 36X6	90	**36**	900	**36**	900	**6**	150	2/11724	11,44

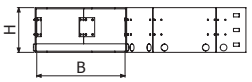


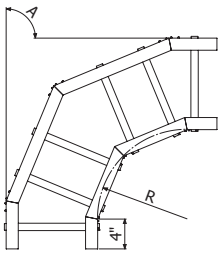
2 x JUEFV 6 (2/12070)

CPEFV H8



	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPEFV45-12 6X8	45	**12**	300	**6**	150	**8**	200	2/11453	3,76
CPEFV45-12 9X8	45	**12**	300	**9**	225	**8**	200	2/11454	3,94
CPEFV45-12 12X8	45	**12**	300	**12**	300	**8**	200	2/11455	4,13
CPEFV45-12 18X8	45	**12**	300	**18**	450	**8**	200	2/11456	4,49
CPEFV45-12 24X8	45	**12**	300	**24**	600	**8**	200	2/11457	4,85
CPEFV45-12 30X8	45	**12**	300	**30**	750	**8**	200	2/11458	5,22
CPEFV45-12 36X8	45	**12**	300	**36**	900	**8**	200	2/11459	5,34
CPEFV-12 6X8	90	**12**	300	**6**	150	**8**	200	2/11460	5,04
CPEFV-12 9X8	90	**12**	300	**9**	225	**8**	200	2/11461	5,41
CPEFV-12 12X8	90	**12**	300	**12**	300	**8**	200	2/11462	5,77
CPEFV-12 18X8	90	**12**	300	**18**	450	**8**	200	2/11463	6,50
CPEFV-12 24X8	90	**12**	300	**24**	600	**8**	200	2/11464	7,23
CPEFV-12 30X8	90	**12**	300	**30**	750	**8**	200	2/11465	7,96
CPEFV-12 36X8	90	**12**	300	**36**	900	**8**	200	2/11466	8,69
CPEFV45-24 6X8	45	**24**	600	**6**	150	**8**	200	2/11467	4,32
CPEFV45-24 9X8	45	**24**	600	**9**	225	**8**	200	2/11468	4,53
CPEFV45-24 12X8	45	**24**	600	**12**	300	**8**	200	2/11469	4,74
CPEFV45-24 18X8	45	**24**	600	**18**	450	**8**	200	2/11470	5,16
CPEFV45-24 24X8	45	**24**	600	**24**	600	**8**	200	2/11471	5,58
CPEFV45-24 30X8	45	**24**	600	**30**	750	**8**	200	2/11472	6,00
CPEFV45-24 36X8	45	**24**	600	**36**	900	**8**	200	2/11473	6,14
CPEFV-24 6X8	90	**24**	600	**6**	150	**8**	200	2/11474	5,80
CPEFV-24 9X8	90	**24**	600	**9**	225	**8**	200	2/11475	6,22
CPEFV-24 12X8	90	**24**	600	**12**	300	**8**	200	2/11476	6,64
CPEFV-24 18X8	90	**24**	600	**18**	450	**8**	200	2/11477	7,47
CPEFV-24 24X8	90	**24**	600	**24**	600	**8**	200	2/11478	8,31
CPEFV-24 30X8	90	**24**	600	**30**	750	**8**	200	2/11479	9,15
CPEFV-24 36X8	90	**24**	600	**36**	900	**8**	200	2/11480	9,99
CPEFV45-36 6X8	45	**36**	900	**6**	150	**8**	200	2/11481	4,97
CPEFV45-36 9X8	45	**36**	900	**9**	225	**8**	200	2/11482	5,21
CPEFV45-36 12X8	45	**36**	900	**12**	300	**8**	200	2/11483	5,46
CPEFV45-36 18X8	45	**36**	900	**18**	450	**8**	200	2/11484	5,94
CPEFV45-36 24X8	45	**36**	900	**24**	600	**8**	200	2/11485	6,42
CPEFV45-36 30X8	45	**36**	900	**30**	750	**8**	200	2/11486	6,90
CPEFV45-36 36X8	45	**36**	900	**36**	900	**8**	200	2/11487	7,06
CPEFV-36 6X8	90	**36**	900	**6**	150	**8**	200	2/11488	6,67
CPEFV-36 9X8	90	**36**	900	**9**	225	**8**	200	2/11489	7,15
CPEFV-36 12X8	90	**36**	900	**12**	300	**8**	200	2/11490	7,63
CPEFV-36 18X8	90	**36**	900	**18**	450	**8**	200	2/11491	8,59
CPEFV-36 24X8	90	**36**	900	**24**	600	**8**	200	2/11492	9,56
CPEFV-36 30X8	90	**36**	900	**30**	750	**8**	200	2/11493	10,52
CPEFV-36 36X8	90	**36**	900	**36**	900	**8**	200	2/11494	11,48



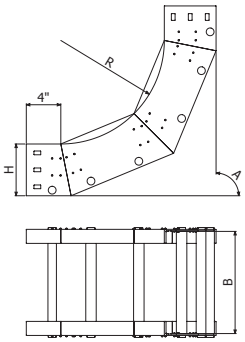


2 x JUEFV 8 (2/12071)

CCEFV H8

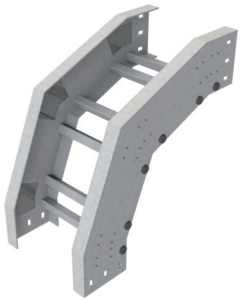


	A (°)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCEFV45-12 6X8	45	**12**	300	**6**	150	**8**	200	2/11589	4,41
CCEFV45-12 9X8	45	**12**	300	**9**	225	**8**	200	2/11590	4,59
CCEFV45-12 12X8	45	**12**	300	**12**	300	**8**	200	2/11591	4,77
CCEFV45-12 18X8	45	**12**	300	**18**	450	**8**	200	2/11592	5,13
CCEFV45-12 24X8	45	**12**	300	**24**	600	**8**	200	2/11593	5,50
CCEFV45-12 30X8	45	**12**	300	**30**	750	**8**	200	2/11594	5,86
CCEFV45-12 36X8	45	**12**	300	**36**	900	**8**	200	2/11595	5,98
CCEFV-12 6X8	90	**12**	300	**6**	150	**8**	200	2/11596	6,33
CCEFV-12 9X8	90	**12**	300	**9**	225	**8**	200	2/11597	6,70
CCEFV-12 12X8	90	**12**	300	**12**	300	**8**	200	2/11598	7,06
CCEFV-12 18X8	90	**12**	300	**18**	450	**8**	200	2/11599	7,79
CCEFV-12 24X8	90	**12**	300	**24**	600	**8**	200	2/11600	8,52
CCEFV-12 30X8	90	**12**	300	**30**	750	**8**	200	2/11601	9,25
CCEFV-12 36X8	90	**12**	300	**36**	900	**8**	200	2/11602	9,98
CCEFV45-24 6X8	45	**24**	600	**6**	150	**8**	200	2/11603	5,07
CCEFV45-24 9X8	45	**24**	600	**9**	225	**8**	200	2/11604	5,28
CCEFV45-24 12X8	45	**24**	600	**12**	300	**8**	200	2/11605	5,49
CCEFV45-24 18X8	45	**24**	600	**18**	450	**8**	200	2/11606	5,90
CCEFV45-24 24X8	45	**24**	600	**24**	600	**8**	200	2/11607	6,32
CCEFV45-24 30X8	45	**24**	600	**30**	750	**8**	200	2/11608	6,74
CCEFV45-24 36X8	45	**24**	600	**36**	900	**8**	200	2/11609	6,88
CCEFV-24 6X8	90	**24**	600	**6**	150	**8**	200	2/11610	7,28
CCEFV-24 9X8	90	**24**	600	**9**	225	**8**	200	2/11611	7,70
CCEFV-24 12X8	90	**24**	600	**12**	300	**8**	200	2/11612	8,12
CCEFV-24 18X8	90	**24**	600	**18**	450	**8**	200	2/11613	8,96
CCEFV-24 24X8	90	**24**	600	**24**	600	**8**	200	2/11614	9,79
CCEFV-24 30X8	90	**24**	600	**30**	750	**8**	200	2/11615	10,63
CCEFV-24 36X8	90	**24**	600	**36**	900	**8**	200	2/11616	11,74
CCEFV45-36 6X8	45	**36**	900	**6**	150	**8**	200	2/11617	5,83
CCEFV45-36 9X8	45	**36**	900	**9**	225	**8**	200	2/11618	6,07
CCEFV45-36 12X8	45	**36**	900	**12**	300	**8**	200	2/11619	6,31
CCEFV45-36 18X8	45	**36**	900	**18**	450	**8**	200	2/11620	6,79
CCEFV45-36 24X8	45	**36**	900	**24**	600	**8**	200	2/11621	7,27
CCEFV45-36 30X8	45	**36**	900	**30**	750	**8**	200	2/11622	7,75
CCEFV45-36 36X8	45	**36**	900	**36**	900	**8**	200	2/11623	7,91
CCEFV-36 6X8	90	**36**	900	**6**	150	**8**	200	2/11624	8,37
CCEFV-36 9X8	90	**36**	900	**9**	225	**8**	200	2/11625	8,86
CCEFV-36 12X8	90	**36**	900	**12**	300	**8**	200	2/11626	9,34
CCEFV-36 18X8	90	**36**	900	**18**	450	**8**	200	2/11627	10,30
CCEFV-36 24X8	90	**36**	900	**24**	600	**8**	200	2/11628	11,26
CCEFV-36 30X8	90	**36**	900	**30**	750	**8**	200	2/11629	12,23
CCEFV-36 36X8	90	**36**	900	**36**	900	**8**	200	2/11630	13,20

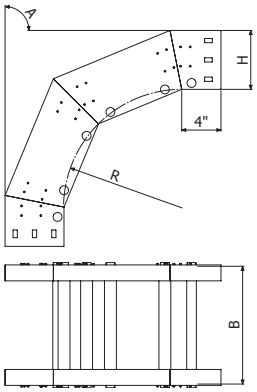


2 x JUEFV 8 (2/12071)

CXEFV H8



	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X8	45	**12**	300	**6**	150	**8**	200	2/11725	4,41
CXEFV45-12 9X8	45	**12**	300	**9**	225	**8**	200	2/11726	4,59
CXEFV45-12 12X8	45	**12**	300	**12**	300	**8**	200	2/11727	4,77
CXEFV45-12 18X8	45	**12**	300	**18**	450	**8**	200	2/11728	5,13
CXEFV45-12 24X8	45	**12**	300	**24**	600	**8**	200	2/11729	5,50
CXEFV45-12 30X8	45	**12**	300	**30**	750	**8**	200	2/11730	5,86
CXEFV45-12 36X8	45	**12**	300	**36**	900	**8**	200	2/11731	5,98
CXEFV-12 6X8	90	**12**	300	**6**	150	**8**	200	2/11732	6,33
CXEFV-12 9X8	90	**12**	300	**9**	225	**8**	200	2/11733	6,70
CXEFV-12 12X8	90	**12**	300	**12**	300	**8**	200	2/11734	7,06
CXEFV-12 18X8	90	**12**	300	**18**	450	**8**	200	2/11735	7,79
CXEFV-12 24X8	90	**12**	300	**24**	600	**8**	200	2/11736	8,52
CXEFV-12 30X8	90	**12**	300	**30**	750	**8**	200	2/11737	9,25
CXEFV-12 36X8	90	**12**	300	**36**	900	**8**	200	2/11738	9,98
CXEFV45-24 6X8	45	**24**	600	**6**	150	**8**	200	2/11739	5,07
CXEFV45-24 9X8	45	**24**	600	**9**	225	**8**	200	2/11740	5,28
CXEFV45-24 12X8	45	**24**	600	**12**	300	**8**	200	2/11741	5,49
CXEFV45-24 18X8	45	**24**	600	**18**	450	**8**	200	2/11742	5,90
CXEFV45-24 24X8	45	**24**	600	**24**	600	**8**	200	2/11743	6,32
CXEFV45-24 30X8	45	**24**	600	**30**	750	**8**	200	2/11744	6,74
CXEFV45-24 36X8	45	**24**	600	**36**	900	**8**	200	2/11745	6,88
CXEFV-24 6X8	90	**24**	600	**6**	150	**8**	200	2/11746	7,28
CXEFV-24 9X8	90	**24**	600	**9**	225	**8**	200	2/11747	7,70
CXEFV-24 12X8	90	**24**	600	**12**	300	**8**	200	2/11748	8,12
CXEFV-24 18X8	90	**24**	600	**18**	450	**8**	200	2/11749	8,96
CXEFV-24 24X8	90	**24**	600	**24**	600	**8**	200	2/11750	9,79
CXEFV-24 30X8	90	**24**	600	**30**	750	**8**	200	2/11751	10,63
CXEFV-24 36X8	90	**24**	600	**36**	900	**8**	200	2/11752	11,47
CXEFV45-36 6X8	45	**36**	900	**6**	150	**8**	200	2/11753	5,83
CXEFV45-36 9X8	45	**36**	900	**9**	225	**8**	200	2/11754	6,07
CXEFV45-36 12X8	45	**36**	900	**12**	300	**8**	200	2/11755	6,31
CXEFV45-36 18X8	45	**36**	900	**18**	450	**8**	200	2/11756	6,79
CXEFV45-36 24X8	45	**36**	900	**24**	600	**8**	200	2/11757	7,27
CXEFV45-36 30X8	45	**36**	900	**30**	750	**8**	200	2/11758	7,75
CXEFV45-36 36X8	45	**36**	900	**36**	900	**8**	200	2/11759	7,91
CXEFV-36 6X8	90	**36**	900	**6**	150	**8**	200	2/11760	8,37
CXEFV-36 9X8	90	**36**	900	**9**	225	**8**	200	2/11761	8,86
CXEFV-36 12X8	90	**36**	900	**12**	300	**8**	200	2/11762	9,34
CXEFV-36 18X8	90	**36**	900	**18**	450	**8**	200	2/11763	10,30
CXEFV-36 24X8	90	**36**	900	**24**	600	**8**	200	2/11764	11,26
CXEFV-36 30X8	90	**36**	900	**30**	750	**8**	200	2/11765	12,23
CXEFV-36 36X8	90	**36**	900	**36**	900	**8**	200	2/11766	13,20

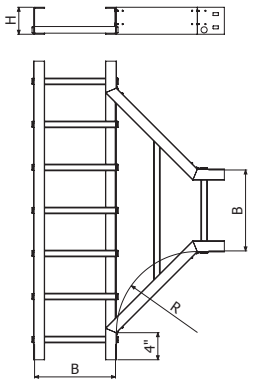


2 x JUEFV 8 (2/12071)

TEEFV H3, H4

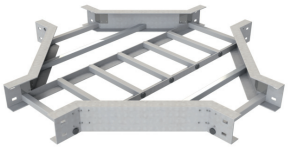


	R		B		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
TEEFV-12 6X3	**12**	300	**6**	150	**3**	75	2/11767	5,58
TEEFV-12 9X3	**12**	300	**9**	225	**3**	75	2/11768	6,06
TEEFV-12 12X3	**12**	300	**12**	300	**3**	75	2/11769	6,55
TEEFV-12 18X3	**12**	300	**18**	450	**3**	75	2/11770	7,52
TEEFV-12 24X3	**12**	300	**24**	600	**3**	75	2/11771	8,49
TEEFV-12 6X4	**12**	300	**6**	150	**4**	100	2/11772	6,33
TEEFV-12 9X4	**12**	300	**9**	225	**4**	100	2/11773	6,81
TEEFV-12 12X4	**12**	300	**12**	300	**4**	100	2/11774	7,30
TEEFV-12 18X4	**12**	300	**18**	450	**4**	100	2/11775	8,27
TEEFV-12 24X4	**12**	300	**24**	600	**4**	100	2/11776	9,24
TEEFV-12 30X4	**12**	300	**30**	750	**4**	100	2/11777	10,21
TEEFV-12 36X4	**12**	300	**36**	900	**4**	100	2/11778	10,54
TEEFV-24 6X4	**24**	600	**6**	150	**4**	100	2/11779	7,28
TEEFV-24 9X4	**24**	600	**9**	225	**4**	100	2/11780	7,84
TEEFV-24 12X4	**24**	600	**12**	300	**4**	100	2/11781	8,40
TEEFV-24 18X4	**24**	600	**18**	450	**4**	100	2/11782	9,51
TEEFV-24 24X4	**24**	600	**24**	600	**4**	100	2/11783	10,63
TEEFV-24 30X4	**24**	600	**30**	750	**4**	100	2/11784	11,75
TEEFV-24 36X4	**24**	600	**36**	900	**4**	100	2/11785	12,12
TEEFV-36 6X4	**36**	900	**6**	150	**4**	100	2/11786	8,37
TEEFV-36 9X4	**36**	900	**9**	225	**4**	100	2/11787	9,01
TEEFV-36 12X4	**36**	900	**12**	300	**4**	100	2/11788	9,65
TEEFV-36 18X4	**36**	900	**18**	450	**4**	100	2/11789	10,94
TEEFV-36 24X4	**36**	900	**24**	600	**4**	100	2/11790	12,22
TEEFV-36 30X4	**36**	900	**30**	750	**4**	100	2/11791	13,51
TEEFV-36 36X4	**36**	900	**36**	900	**4**	100	2/11792	13,94

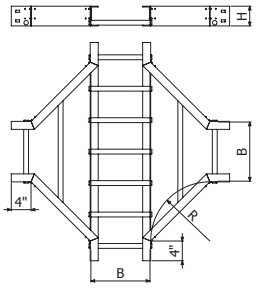


2 x JUEFV H3 (2/12068)
2 x JUEFV H4 (2/12069)

CREFV H3, H4

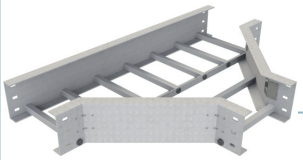


	R		B		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
CREFV-12 6X3	**12**	300	**6**	150	**3**	75	2/11838	6,69
CREFV-12 9X3	**12**	300	**9**	225	**3**	75	2/11839	7,48
CREFV-12 12X3	**12**	300	**12**	300	**3**	75	2/11840	8,27
CREFV-12 18X3	**12**	300	**18**	450	**3**	75	2/11841	9,85
CREFV-12 24X3	**12**	300	**24**	600	**3**	75	2/11842	11,43
CREFV-12 6X4	**12**	300	**6**	150	**4**	100	2/11843	7,64
CREFV-12 9X4	**12**	300	**9**	225	**4**	100	2/11844	8,43
CREFV-12 12X4	**12**	300	**12**	300	**4**	100	2/11845	9,22
CREFV-12 18X4	**12**	300	**18**	450	**4**	100	2/11846	10,80
CREFV-12 24X4	**12**	300	**24**	600	**4**	100	2/11847	12,38
CREFV-12 30X4	**12**	300	**30**	750	**4**	100	2/11848	13,96
CREFV-12 36X4	**12**	300	**36**	900	**4**	100	2/11849	14,48
CREFV-24 6X4	**24**	600	**6**	150	**4**	100	2/11850	8,79
CREFV-24 9X4	**24**	600	**9**	225	**4**	100	2/11851	9,70
CREFV-24 12X4	**24**	600	**12**	300	**4**	100	2/11852	10,60
CREFV-24 18X4	**24**	600	**18**	450	**4**	100	2/11853	12,42
CREFV-24 24X4	**24**	600	**24**	600	**4**	100	2/11854	14,23
CREFV-24 30X4	**24**	600	**30**	750	**4**	100	2/11855	16,05
CREFV-24 36X4	**24**	600	**36**	900	**4**	100	2/11856	16,65
CREFV-36 6X4	**36**	900	**6**	150	**4**	100	2/11857	10,11
CREFV-36 9X4	**36**	900	**9**	225	**4**	100	2/11858	11,15
CREFV-36 12X4	**36**	900	**12**	300	**4**	100	2/11859	12,19
CREFV-36 18X4	**36**	900	**18**	450	**4**	100	2/11860	14,28
CREFV-36 24X4	**36**	900	**24**	600	**4**	100	2/11861	16,37
CREFV-36 30X4	**36**	900	**30**	750	**4**	100	2/11862	18,46
CREFV-36 36X4	**36**	900	**36**	900	**4**	100	2/11863	19,15



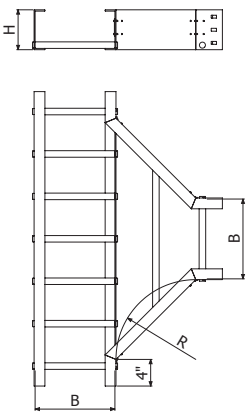
2 x JUEFV H3 (2/12068)
2 x JUEFV H4 (2/12069)

TEEFV H6, H8



TEEFV'A'-'R' 'B'x"H'

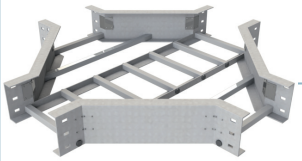
	R		B		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
TEEFV-12 6X6	**12**	300	**6**	150	**6**	150	2/11793	7,83
TEEFV-12 9X6	**12**	300	**9**	225	**6**	150	2/11794	8,31
TEEFV-12 12X6	**12**	300	**12**	300	**6**	150	2/11795	8,80
TEEFV-12 18X6	**12**	300	**18**	450	**6**	150	2/11796	9,77
TEEFV-12 24X6	**12**	300	**24**	600	**6**	150	2/11797	10,74
TEEFV-12 30X6	**12**	300	**30**	750	**6**	150	2/11798	11,71
TEEFV-12 36X6	**12**	300	**36**	900	**6**	150	2/11799	12,04
TEEFV-24 6X6	**24**	600	**6**	150	**6**	150	2/11800	8,78
TEEFV-24 9X6	**24**	600	**9**	225	**6**	150	2/11801	9,34
TEEFV-24 12X6	**24**	600	**12**	300	**6**	150	2/11802	9,90
TEEFV-24 18X6	**24**	600	**18**	450	**6**	150	2/11806	11,01
TEEFV-24 24X6	**24**	600	**24**	600	**6**	150	2/11807	12,13
TEEFV-24 30X6	**24**	600	**30**	750	**6**	150	2/11808	13,25
TEEFV-24 36X6	**24**	600	**36**	900	**6**	150	2/11809	13,62
TEEFV-36 6X6	**36**	900	**6**	150	**6**	150	2/11810	9,87
TEEFV-36 9X6	**36**	900	**9**	225	**6**	150	2/11811	10,51
TEEFV-36 12X6	**36**	900	**12**	300	**6**	150	2/11812	11,15
TEEFV-36 18X6	**36**	900	**18**	450	**6**	150	2/11813	12,44
TEEFV-36 24X6	**36**	900	**24**	600	**6**	150	2/11814	13,72
TEEFV-36 30X6	**36**	900	**30**	750	**6**	150	2/11815	15,01
TEEFV-36 36X6	**36**	900	**36**	900	**6**	150	2/11816	15,44
TEEFV-12 6X8	**12**	300	**6**	150	**8**	200	2/11817	9,33
TEEFV-12 9X8	**12**	300	**9**	225	**8**	200	2/11818	9,81
TEEFV-12 12X8	**12**	300	**12**	300	**8**	200	2/11819	10,30
TEEFV-12 18X8	**12**	300	**18**	450	**8**	200	2/11820	11,27
TEEFV-12 24X8	**12**	300	**24**	600	**8**	200	2/11821	12,24
TEEFV-12 30X8	**12**	300	**30**	750	**8**	200	2/11822	13,21
TEEFV-12 36X8	**12**	300	**36**	900	**8**	200	2/11823	13,54
TEEFV-24 6X8	**24**	600	**6**	150	**8**	200	2/11824	10,28
TEEFV-24 9X8	**24**	600	**9**	225	**8**	200	2/11825	10,84
TEEFV-24 12X8	**24**	600	**12**	300	**8**	200	2/11826	11,40
TEEFV-24 18X8	**24**	600	**18**	450	**8**	200	2/11827	12,51
TEEFV-24 24X8	**24**	600	**24**	600	**8**	200	2/11828	13,63
TEEFV-24 30X8	**24**	600	**30**	750	**8**	200	2/11829	14,75
TEEFV-24 36X8	**24**	600	**36**	900	**8**	200	2/11830	15,12
TEEFV-36 6X8	**36**	900	**6**	150	**8**	200	2/11831	11,37
TEEFV-36 9X8	**36**	900	**9**	225	**8**	200	2/11832	12,01
TEEFV-36 12X8	**36**	900	**12**	300	**8**	200	2/11833	12,65
TEEFV-36 18X8	**36**	900	**18**	450	**8**	200	2/11834	13,94
TEEFV-36 24X8	**36**	900	**24**	600	**8**	200	2/11835	15,22
TEEFV-36 30X8	**36**	900	**30**	750	**8**	200	2/11836	16,51
TEEFV-36 36X8	**36**	900	**36**	900	**8**	200	2/11837	16,94



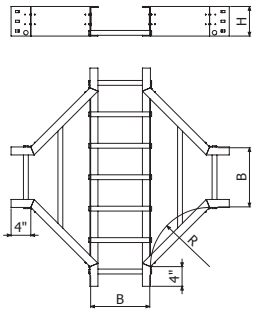
TEEFV'A'-'R' 'B'x"H'

2 x JUEFV H6 (2/12070)
2 x JUEFV H8 (2/12071)

CREFV H6, H8

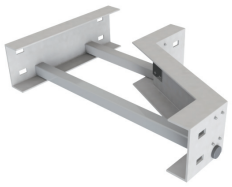


	R		B		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
CREFV-12 6X6	12	300	6	150	6	150	2/11864	9,14
CREFV-12 9X6	12	300	9	225	6	150	2/11865	9,93
CREFV-12 12X6	12	300	12	300	6	150	2/11866	10,72
CREFV-12 18X6	12	300	18	450	6	150	2/11867	12,30
CREFV-12 24X6	12	300	24	600	6	150	2/11868	13,88
CREFV-12 30X6	12	300	30	750	6	150	2/11869	15,46
CREFV-12 36X6	12	300	36	900	6	150	2/11870	15,98
CREFV-24 6X6	24	600	6	150	6	150	2/11871	10,29
CREFV-24 9X6	24	600	9	225	6	150	2/11872	11,20
CREFV-24 12X6	24	600	12	300	6	150	2/11873	12,10
CREFV-24 18X6	24	600	18	450	6	150	2/11874	13,92
CREFV-24 24X6	24	600	24	600	6	150	2/11875	15,73
CREFV-24 30X6	24	600	30	750	6	150	2/11876	17,55
CREFV-24 36X6	24	600	36	900	6	150	2/11877	18,15
CREFV-36 6X6	36	900	6	150	6	150	2/11878	11,61
CREFV-36 9X6	36	900	9	225	6	150	2/11879	12,65
CREFV-36 12X6	36	900	12	300	6	150	2/11880	13,69
CREFV-36 18X6	36	900	18	450	6	150	2/11881	15,78
CREFV-36 24X6	36	900	24	600	6	150	2/11882	17,87
CREFV-36 30X6	36	900	30	750	6	150	2/11883	19,96
CREFV-36 36X6	36	900	36	900	6	150	2/11884	20,65
CREFV-12 6X8	12	300	6	150	8	200	2/11885	10,64
CREFV-12 9X8	12	300	9	225	8	200	2/11886	11,43
CREFV-12 12X8	12	300	12	300	8	200	2/11887	12,22
CREFV-12 18X8	12	300	18	450	8	200	2/11888	13,80
CREFV-12 24X8	12	300	24	600	8	200	2/11889	15,38
CREFV-12 30X8	12	300	30	750	8	200	2/11890	16,96
CREFV-12 36X8	12	300	36	900	8	200	2/11891	17,48
CREFV-24 6X8	24	600	6	150	8	200	2/11892	11,79
CREFV-24 9X8	24	600	9	225	8	200	2/11893	12,70
CREFV-24 12X8	24	600	12	300	8	200	2/11894	13,60
CREFV-24 18X8	24	600	18	450	8	200	2/11895	15,42
CREFV-24 24X8	24	600	24	600	8	200	2/11896	17,23
CREFV-24 30X8	24	600	30	750	8	200	2/11897	19,05
CREFV-24 36X8	24	600	36	900	8	200	2/11898	19,65
CREFV-36 6X8	36	900	6	150	8	200	2/11899	13,11
CREFV-36 9X8	36	900	9	225	8	200	2/11900	14,15
CREFV-36 12X8	36	900	12	300	8	200	2/11901	15,19
CREFV-36 18X8	36	900	18	450	8	200	2/11902	17,28
CREFV-36 24X8	36	900	24	600	8	200	2/11903	19,37
CREFV-36 30X8	36	900	30	750	8	200	2/11904	21,46
CREFV-36 36X8	36	900	36	900	8	200	2/11905	22,15

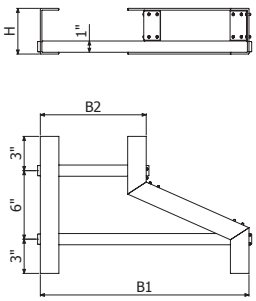


2 x JUEFV H6 (2/12070)
2 x JUEFV H8 (2/12071)

RIEFV H3, H4



	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RIEFV 9/6X3	**9**	225	**6**	100	**3**	75	2/11906	1,45
RIEFV 12/9X3	**12**	300	**9**	225	**3**	75	2/11907	1,57
RIEFV 12/6X3	**12**	300	**6**	100	**3**	75	2/11908	1,51
RIEFV 18/12X3	**18**	450	**12**	300	**3**	75	2/11909	1,76
RIEFV 18/9X3	**18**	450	**9**	225	**3**	75	2/11910	1,70
RIEFV 18/6X3	**18**	450	**6**	100	**3**	75	2/11911	1,64
RIEFV 24/18X3	**24**	600	**18**	450	**3**	75	2/11912	2,00
RIEFV 24/12X3	**24**	600	**12**	300	**3**	75	2/11913	1,88
RIEFV 24/9X3	**24**	600	**9**	225	**3**	75	2/11914	1,82
RIEFV 9/6X4	**9**	225	**6**	100	**4**	100	2/11915	1,70
RIEFV 12/9X4	**12**	300	**9**	225	**4**	100	2/11916	1,82
RIEFV 12/6X4	**12**	300	**6**	100	**4**	100	2/11917	1,76
RIEFV 18/12X4	**18**	450	**12**	300	**4**	100	2/11918	2,01
RIEFV 18/9X4	**18**	450	**9**	225	**4**	100	2/11919	1,95
RIEFV 18/6X4	**18**	450	**6**	100	**4**	100	2/11920	1,89
RIEFV 24/18X4	**24**	600	**18**	450	**4**	100	2/11921	2,25
RIEFV 24/12X4	**24**	600	**12**	300	**4**	100	2/11922	2,13
RIEFV 24/9X4	**24**	600	**9**	225	**4**	100	2/11923	2,07
RIEFV 30/24X4	**30**	750	**24**	600	**4**	100	2/11924	2,49
RIEFV 30/18X4	**30**	750	**18**	450	**4**	100	2/11925	2,37
RIEFV 30/12X4	**30**	750	**12**	300	**4**	100	2/11926	2,25
RIEFV 36/30X4	**36**	900	**30**	750	**4**	100	2/11927	2,65
RIEFV 36/24X4	**36**	900	**24**	600	**4**	100	2/11928	2,53
RIEFV 36/18X4	**36**	900	**18**	450	**4**	100	2/11929	2,41

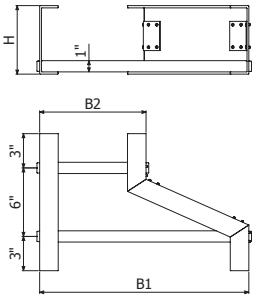


2 x JUEFV 3 (2/12068)
2 x JUEFV 4 (2/12069)

RIEFV H6, H8



	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RIEFV 9/6X6	**9**	225	**6**	100	**6**	150	2/11930	2,20
RIEFV 12/9X6	**12**	300	**9**	225	**6**	150	2/11931	2,32
RIEFV 12/6X6	**12**	300	**6**	100	**6**	150	2/11932	2,26
RIEFV 18/12X6	**18**	450	**12**	300	**6**	150	2/11933	2,51
RIEFV 18/9X6	**18**	450	**9**	225	**6**	150	2/11934	2,45
RIEFV 18/6X6	**18**	450	**6**	100	**6**	150	2/11935	2,39
RIEFV 24/18X6	**24**	600	**18**	450	**6**	150	2/11936	2,75
RIEFV 24/12X6	**24**	600	**12**	300	**6**	150	2/11937	2,63
RIEFV 24/9X6	**24**	600	**9**	225	**6**	150	2/11938	2,57
RIEFV 30/24X6	**30**	750	**24**	600	**6**	150	2/11939	2,99
RIEFV 30/18X6	**30**	750	**18**	450	**6**	150	2/11940	2,87
RIEFV 30/12X6	**30**	750	**12**	300	**6**	150	2/11941	2,75
RIEFV 36/30X6	**36**	900	**30**	750	**6**	150	2/11942	3,15
RIEFV 36/24X6	**36**	900	**24**	600	**6**	150	2/11943	3,03
RIEFV 36/18X6	**36**	900	**18**	450	**6**	150	2/11944	2,91
RIEFV 9/6X8	**9**	225	**6**	100	**8**	200	2/11945	2,70
RIEFV 12/9X8	**12**	300	**9**	225	**8**	200	2/11946	2,82
RIEFV 12/6X8	**12**	300	**6**	100	**8**	200	2/11947	2,76
RIEFV 18/12X8	**18**	450	**12**	300	**8**	200	2/11948	3,01
RIEFV 18/9X8	**18**	450	**9**	225	**8**	200	2/11949	2,95
RIEFV 18/6X8	**18**	450	**6**	100	**8**	200	2/11950	2,89
RIEFV 24/18X8	**24**	600	**18**	450	**8**	200	2/11951	3,25
RIEFV 24/12X8	**24**	600	**12**	300	**8**	200	2/11952	3,13
RIEFV 24/9X8	**24**	600	**9**	225	**8**	200	2/11953	3,07
RIEFV 30/24X8	**30**	750	**24**	600	**8**	200	2/11954	3,49
RIEFV 30/18X8	**30**	750	**18**	450	**8**	200	2/11955	3,37
RIEFV 30/12X8	**30**	750	**12**	300	**8**	200	2/11956	3,25
RIEFV 36/30X8	**36**	900	**30**	750	**8**	200	2/11957	3,65
RIEFV 36/24X8	**36**	900	**24**	600	**8**	200	2/11958	3,53
RIEFV 36/18X8	**36**	900	**18**	450	**8**	200	2/11959	3,41

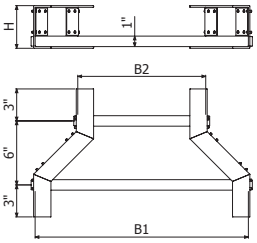


2 x JUEFV 6 (2/12070)
2 x JUEFV 8 (2/12071)

RCEFV H3, H4



	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RCEFV 9/6X3	9	225	6	100	3	75	2/11960	1,61
RCEFV 12/9X3	12	300	9	225	3	75	2/11961	1,73
RCEFV 12/6X3	12	300	6	100	3	75	2/11962	1,67
RCEFV 18/12X3	18	450	12	300	3	75	2/11963	1,92
RCEFV 18/9X3	18	450	9	225	3	75	2/11964	1,86
RCEFV 18/6X3	18	450	6	100	3	75	2/11965	1,80
RCEFV 24/18X3	24	600	18	450	3	75	2/11966	2,16
RCEFV 24/12X3	24	600	12	300	3	75	2/11967	2,04
RCEFV 24/9X3	24	600	9	225	3	75	2/11968	1,98
RCEFV 9/6X4	9	225	6	100	4	100	2/11969	1,86
RCEFV 12/9X4	12	300	9	225	4	100	2/11970	1,98
RCEFV 12/6X4	12	300	6	100	4	100	2/11971	1,92
RCEFV 18/12X4	18	450	12	300	4	100	2/11972	2,17
RCEFV 18/9X4	18	450	9	225	4	100	2/11973	2,11
RCEFV 18/6X4	18	450	6	100	4	100	2/11974	2,05
RCEFV 24/18X4	24	600	18	450	4	100	2/11975	2,41
RCEFV 24/12X4	24	600	12	300	4	100	2/11976	2,29
RCEFV 24/9X4	24	600	9	225	4	100	2/11977	2,23
RCEFV 30/24X4	30	750	24	600	4	100	2/11978	2,65
RCEFV 30/18X4	30	750	18	450	4	100	2/11979	2,53
RCEFV 30/12X4	30	750	12	300	4	100	2/11980	2,41
RCEFV 36/30X4	36	900	30	750	4	100	2/11981	2,81
RCEFV 36/24X4	36	900	24	600	4	100	2/11982	2,69
RCEFV 36/18X4	36	900	18	450	4	100	2/11983	2,57

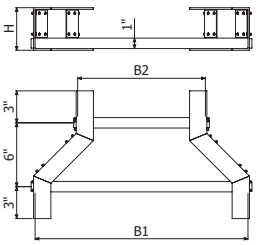


2 x JUEFV 3 (2/12068)
2 x JUEFV 4 (2/12069)

RCEFV H6, H8

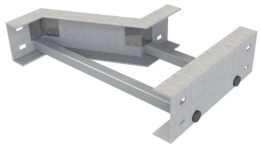


	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RCEFV 9/6X6	9	225	6	100	6	150	2/11984	2,36
RCEFV 12/9X6	12	300	9	225	6	150	2/11985	2,48
RCEFV 12/6X6	12	300	6	100	6	150	2/11986	2,42
RCEFV 18/12X6	18	450	12	300	6	150	2/11987	2,67
RCEFV 18/9X6	18	450	9	225	6	150	2/11988	2,61
RCEFV 18/6X6	18	450	6	100	6	150	2/11989	2,55
RCEFV 24/18X6	24	600	18	450	6	150	2/11990	2,91
RCEFV 24/12X6	24	600	12	300	6	150	2/11991	2,79
RCEFV 24/9X6	24	600	9	225	6	150	2/11992	2,73
RCEFV 30/24X6	30	750	24	600	6	150	2/11993	3,15
RCEFV 30/18X6	30	750	18	450	6	150	2/11994	3,03
RCEFV 30/12X6	30	750	12	300	6	150	2/11995	2,91
RCEFV 36/30X6	36	900	30	750	6	150	2/11996	3,31
RCEFV 36/24X6	36	900	24	600	6	150	2/11997	3,19
RCEFV 36/18X6	36	900	18	450	6	150	2/11998	3,07
RCEFV 9/6X8	9	225	6	100	8	200	2/11999	2,86
RCEFV 12/9X8	12	300	9	225	8	200	2/12000	2,98
RCEFV 12/6X8	12	300	6	100	8	200	2/12001	2,92
RCEFV 18/12X8	18	450	12	300	8	200	2/12002	3,17
RCEFV 18/9X8	18	450	9	225	8	200	2/12003	3,11
RCEFV 18/6X8	18	450	6	100	8	200	2/12004	3,05
RCEFV 24/18X8	24	600	18	450	8	200	2/12005	3,41
RCEFV 24/12X8	24	600	12	300	8	200	2/12006	3,29
RCEFV 24/9X8	24	600	9	225	8	200	2/12007	3,23
RCEFV 30/24X8	30	750	24	600	8	200	2/12008	3,65
RCEFV 30/18X8	30	750	18	450	8	200	2/12009	3,53
RCEFV 30/12X8	30	750	12	300	8	200	2/12010	3,41
RCEFV 36/30X8	36	900	30	750	8	200	2/12011	3,81
RCEFV 36/24X8	36	900	24	600	8	200	2/12012	3,69
RCEFV 36/18X8	36	900	18	450	8	200	2/12013	3,57

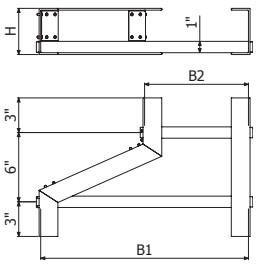


2 x JUEFV 6 (2/12070)
2 x JUEFV 8 (2/12071)

RDEFV H3, H4

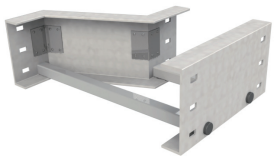


	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RDEFV 9/6X3	9	225	6	100	3	75	2/12014	1,45
RDEFV 12/9X3	12	300	9	225	3	75	2/12015	1,57
RDEFV 12/6X3	12	300	6	100	3	75	2/12016	1,51
RDEFV 18/12X3	18	450	12	300	3	75	2/12017	1,76
RDEFV 18/9X3	18	450	9	225	3	75	2/12018	1,70
RDEFV 18/6X3	18	450	6	100	3	75	2/12019	1,64
RDEFV 24/18X3	24	600	18	450	3	75	2/12020	2,00
RDEFV 24/12X3	24	600	12	300	3	75	2/12021	1,88
RDEFV 24/9X3	24	600	9	225	3	75	2/12022	1,82
RDEFV 9/6X4	9	225	6	100	4	100	2/12023	1,70
RDEFV 12/9X4	12	300	9	225	4	100	2/12024	1,82
RDEFV 12/6X4	12	300	6	100	4	100	2/12025	1,76
RDEFV 18/12X4	18	450	12	300	4	100	2/12026	2,01
RDEFV 18/9X4	18	450	9	225	4	100	2/12027	1,95
RDEFV 18/6X4	18	450	6	100	4	100	2/12028	1,89
RDEFV 24/18X4	24	600	18	450	4	100	2/12029	2,25
RDEFV 24/12X4	24	600	12	300	4	100	2/12030	2,13
RDEFV 24/9X4	24	600	9	225	4	100	2/12031	2,07
RDEFV 30/24X4	30	750	24	600	4	100	2/12032	2,49
RDEFV 30/18X4	30	750	18	450	4	100	2/12033	2,37
RDEFV 30/12X4	30	750	12	300	4	100	2/12034	2,25
RDEFV 36/30X4	36	900	30	750	4	100	2/12035	2,65
RDEFV 36/24X4	36	900	24	600	4	100	2/12036	2,53
RDEFV 36/18X4	36	900	18	450	4	100	2/12037	2,41

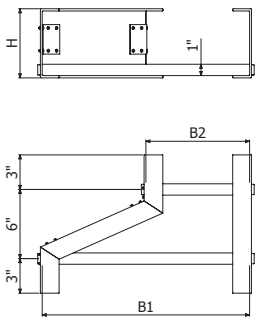


2 x JUEFV 3 (2/12068)
2 x JUEFV 4 (2/12069)

RDEFV H6, H8

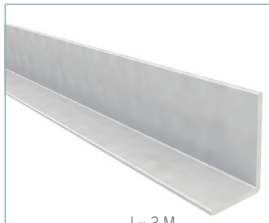


	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RDEFV 9/6X6	9	225	6	100	6	150	2/12038	2,20
RDEFV 12/9X6	12	300	9	225	6	150	2/12039	2,32
RDEFV 12/6X6	12	300	6	100	6	150	2/12040	2,26
RDEFV 18/12X6	18	450	12	300	6	150	2/12041	2,51
RDEFV 18/9X6	18	450	9	225	6	150	2/12042	2,45
RDEFV 18/6X6	18	450	6	100	6	150	2/12043	2,39
RDEFV 24/18X6	24	600	18	450	6	150	2/12044	2,75
RDEFV 24/12X6	24	600	12	300	6	150	2/12045	2,63
RDEFV 24/9X6	24	600	9	225	6	150	2/12046	2,57
RDEFV 30/24X6	30	750	24	600	6	150	2/12047	2,99
RDEFV 30/18X6	30	750	18	450	6	150	2/12048	2,87
RDEFV 30/12X6	30	750	12	300	6	150	2/12049	2,75
RDEFV 36/30X6	36	900	30	750	6	150	2/12050	3,15
RDEFV 36/24X6	36	900	24	600	6	150	2/12051	3,03
RDEFV 36/18X6	36	900	18	450	6	150	2/12052	2,91
RDEFV 9/6X8	9	225	6	100	8	200	2/12053	2,70
RDEFV 12/9X8	12	300	9	225	8	200	2/12054	2,82
RDEFV 12/6X8	12	300	6	100	8	200	2/12055	2,76
RDEFV 18/12X8	18	450	12	300	8	200	2/12056	3,01
RDEFV 18/9X8	18	450	9	225	8	200	2/12057	2,95
RDEFV 18/6X8	18	450	6	100	8	200	2/12058	2,89
RDEFV 24/18X8	24	600	18	450	8	200	2/12059	3,25
RDEFV 24/12X8	24	600	12	300	8	200	2/12060	3,13
RDEFV 24/9X8	24	600	9	225	8	200	2/12061	3,07
RDEFV 30/24X8	30	750	24	600	8	200	2/12062	3,49
RDEFV 30/18X8	30	750	18	450	8	200	2/12063	3,37
RDEFV 30/12X8	30	750	12	300	8	200	2/12064	3,25
RDEFV 36/30X8	36	900	30	750	8	200	2/12065	3,65
RDEFV 36/24X8	36	900	24	600	8	200	2/12066	3,53
RDEFV 36/18X8	36	900	18	450	8	200	2/12067	3,41



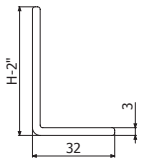
2 x JUEFV 6 (2/12070)
2 x JUEFV 8 (2/12071)

PSEFV



L= 3 M

	H		PRFV		i316	
	inch	mm	REF	Kg/m	REF.	kg/ud
PSEFV 4	**4**	100	2/9882	0,49	-	-
DIN7504 4,8X19	**-**	**-**	-	-	2/17610	0,00



JUEFV



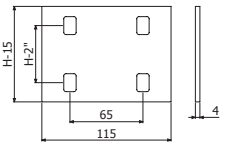
JUEFV 3 - JUEFV 4



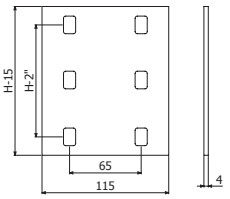
JUEFV 6 - JUEFV 8

	H		PRFV	
	inch	mm	REF	Kg/m
JUEFV 3	**3**	75	2/12068	0,01
JUEFV 4	**4**	100	2/12069	0,01
JUEFV 6	**6**	150	2/12070	0,02
JUEFV 8	**8**	200	2/12071	0,03

4 x B3 (2/18552) H3-4 / 6 x B3 H6-8

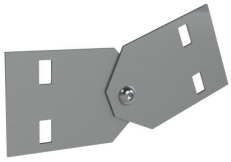


JUEFV 3 - JUEFV 4

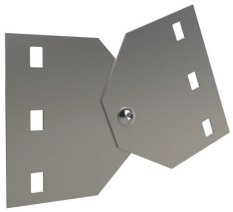


JUEFV 6 - JUEFV 8

JUEFV-A



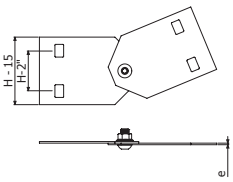
JUEFV-A 3 / JUEFV-A 4



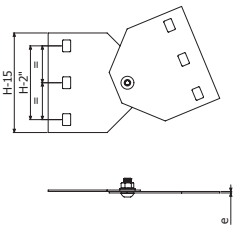
JUEFV-A 6 / JUEFV-A 8

	H		e	i316	
	inch	mm	mm	REF.	kg/ud
JUEFV-A 3	**3**	75	**2**	2/12072	0,16
JUEFV-A 4	**4**	100	**2**	2/12073	0,21
JUEFV-A 6	**6**	150	**3**	2/12074	0,36
JUEFV-A 8	**8**	200	**3**	2/12075	0,48

4 x B3 (2/18552) H3-4 / 6 x B3 H6-8

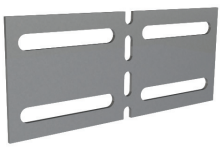


JUEFV-A 3 / JUEFV-A 4

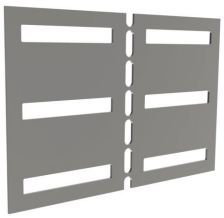


JUEFV-A 6 / JUEFV-A 8

JUEFV-B



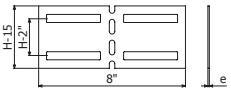
JUEFV-B 3 / JUEFV-B 4



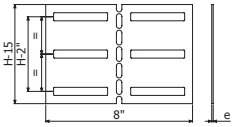
JUEFV-B 6 / JUEFV-B 8

	H		e	i316	
	inch	mm	mm	REF.	kg/ud
JUEFV-B 3	**3**	75	**2**	2/12076	0,21
JUEFV-B 4	**4**	100	**2**	2/12077	0,32
JUEFV-B 6	**6**	150	**3**	2/12078	0,57
JUEFV-B 8	**8**	200	**3**	2/12079	0,81

4 x B3 (2/18552) H3-4 / 6 x B3 H6-8

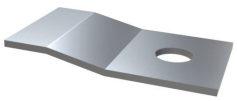


JUEFV-B 3 / JUEFV-B 4

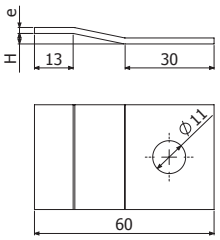


JUEFV-B 6 / JUEFV-B 8

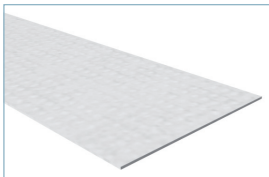
BEFV



	H	e	i316	
	mm	mm	REF.	kg/ud
BEFVS 4	3,5	3	2/5399	0,04
BEFVL 6	4,5	3	2/17284	0,04
BEFVS 6	6	3	2/17285	0,04



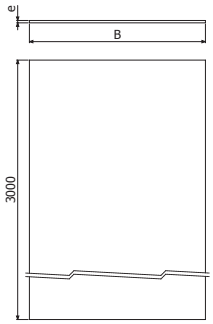
TEFV



L= 3 m (10 ft)

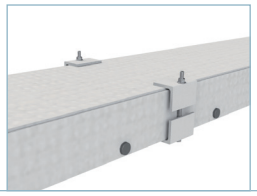
	B		e	PRFV	
	inch	mm	mm	REF.	kg/m
TEFV 6	6	150	3	2/14463	1,46
TEFV 9	9	225	3	2/14464	2,20
TEFV 12	12	300	3	2/14465	2,93
TEFV 18	18	450	3	2/14466	4,39
TEFV 24	24	600	4	2/14467	5,86
TEFV 30	30	750	4	2/14468	7,32
TEFV 36	36	900	4	2/14469	8,78

4 x PTEFV → 1 x TEFV



PTEFV

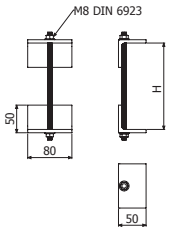




	H		PRFV		i316	
	inch	mm	REF.	kg/m	REF.	kg/ud
PTEFV 3	3	75	2/5505	0,06	-	-
PTEFV 4	4	100	2/5506	0,10	-	-
PTEFV 6	6	150	2/14470	0,18	2/17280	0,33
PTEFV 8	8	200	-	-	2/14471	0,38

10

4 x PTEFV → 1 x TEFV



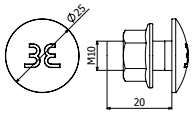
B3



N

	Pap	i316		PAFV	
	Nm	REF.	kg/ud	REF.	kg/ud
B3-50	35	2/15575	1,80	2/18552	0,38

15



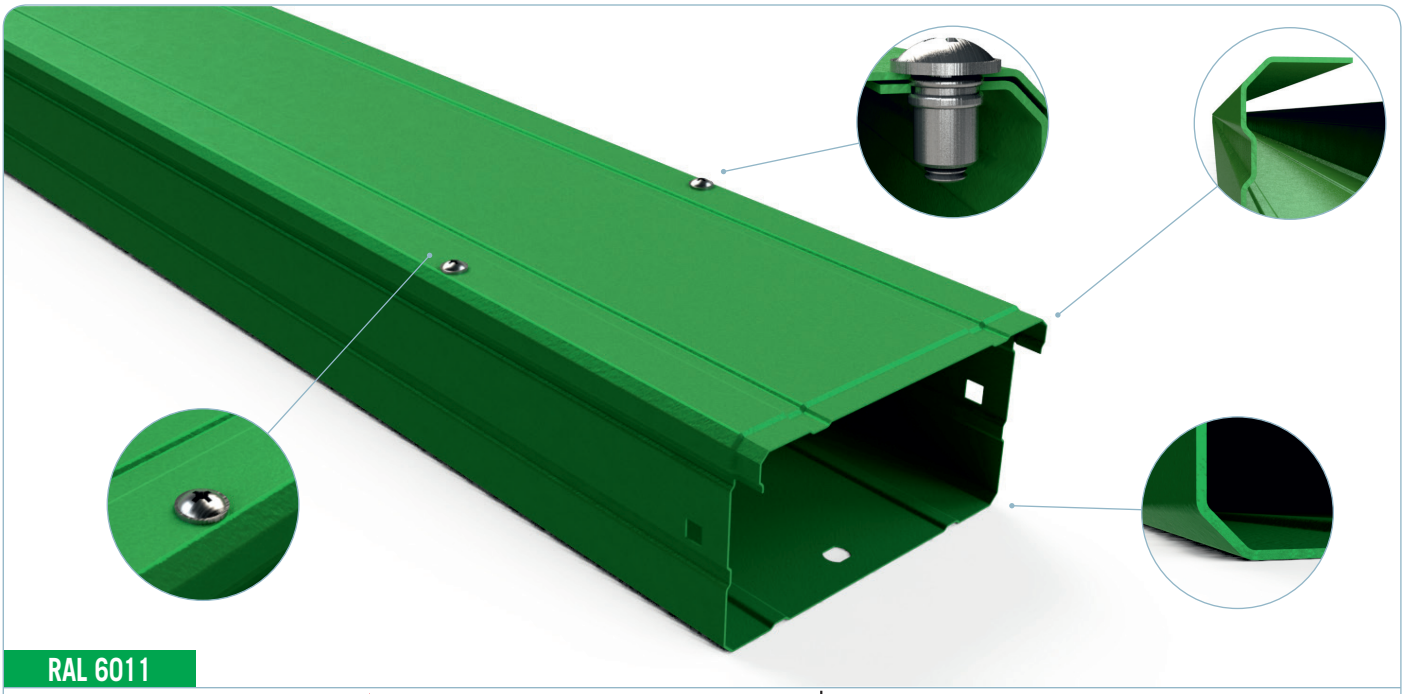

TOYOTA
/// NO PASAR ///

basorcanal

CT GSE ..... P. 04

CT i304 ..... P. 10

WT ..... P. 14



RAL 6011

M0
UNE-EN 50085
UNE 23727

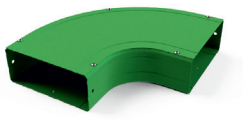
120°C
-25°C
UNE-EN 50085

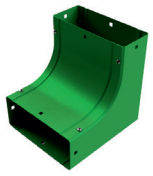
8
UNE-EN 61537

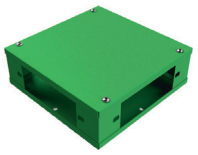
20J
UNE-EN 50085

IP65
CJBP
IP53
SJBP
IEC 60529

IK10
IEC 50102


CPCT

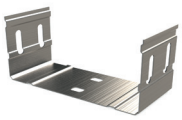

CCCT


CDT


AC


TC


TF


JUCT

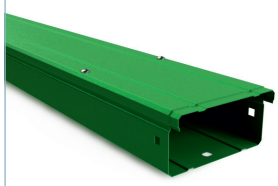

DIN7985


B1


JBP

B		Filling Area H40 (1 4/7")		H60 (2 3/8")		H80 (3 1/7")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
80	3 1/7"	**30**	4,65	-	-	-	-	-	-
120	4 5/7"	**46**	7,13	**70**	10,85	-	-	-	-
140	5 1/2"	-	-	-	-	**110**	17,05	-	-
200	8"	-	-	-	-	**158**	24,49	**198**	30,69
300	12"	-	-	-	-	-	-	**298**	46,19
400	16"	-	-	-	-	-	-	**397**	61,53
600	24"	-	-	-	-	-		**597**	92,53

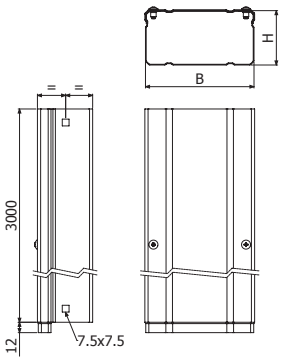
CT H40



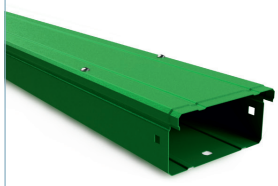
L = 3 m (10 ft)

	H		B				GSE	
	mm	inch	mm	inch	IK	IP	REF.	kg/m
CT 40x80	40	1 4/7"	80	3 1/7"	10	65	2/0151	1,72
CT 40x120	40	1 4/7"	120	4 5/7"	10	65	2/0152	2,19

1 x JUCT



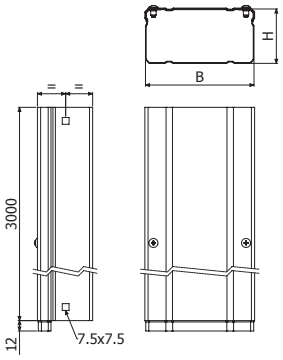
CT H60



L = 3 m (10 ft)

	H		B				GSE	
	mm	inch	mm	inch	IK	IP	REF.	kg/m
CT 60x120	60	2 3/8"	120	4 5/7"	10	65	2/0153	2,44

1 x JUCT



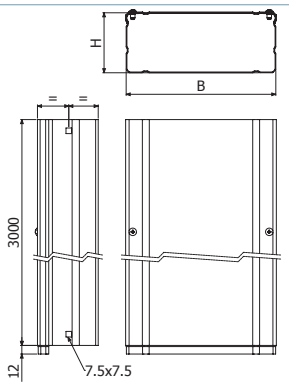
CT H80



L = 3 m (10 ft)

	H		B				GSE	
	mm	inch	mm	inch	IK	IP	REF.	kg/m
CT 80x140	80	3 1/7"	140	5 1/2"	10	65	2/0154	2,93
CT 80x200	80	3 1/7"	200	8"	10	65	2/0155	4,23

1 x JUCT



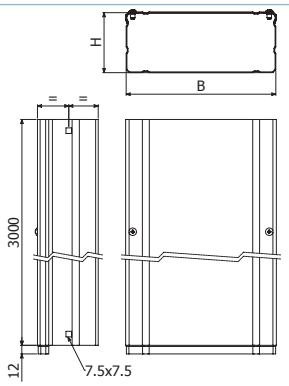
CT H100

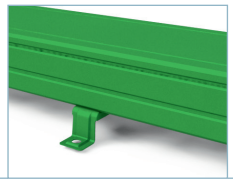


L = 3 m (10 ft)

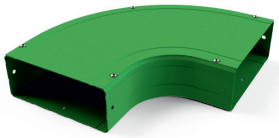
	H		B				GSE	
	mm	inch	mm	inch	IK	IP	REF.	kg/m
CT 100x200	100	4"	200	8"	10	65	2/0156	4,54
CT 100x300	100	4"	300	12"	10	65	2/0157	5,88
CT 100x400	100	4"	400	16"	10	65	2/5908	7,60
CT 100x600	100	4"	600	24"	10	65	2/0160	16,86

1 x JUCT





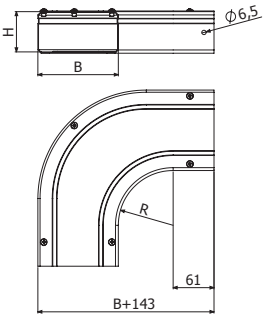
CPT



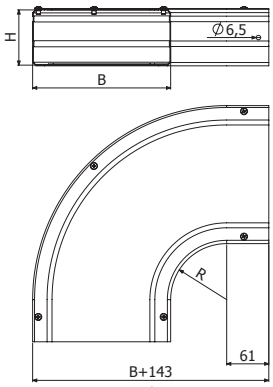
	H		B		R		GSE	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPT 40X80	40	1 4/7"	80	3 1/7"	82	3 2/9"	2/0161	0,67
CPT 40X120	40	1 4/7"	120	4 5/7"	82	3 2/9"	2/0162	1,01
CPT 60X120	60	2 3/8"	120	4 5/7"	82	3 2/9"	2/0163	1,12
CPT 80X140	80	3 1/7"	140	5 1/2"	82	3 2/9"	2/0164	1,43
CPT 80X200	80	3 1/7"	200	8"	82	3 2/9"	2/0165	1,89
CPT 100X200	100	4"	200	8"	82	3 2/9"	2/0166	2,02
CPT 100X300	100	4"	300	12"	82	3 2/9"	2/0167	3,45
CPT 100X400	100	4"	400	16"	82	3 2/9"	2/3333	5,34
CPT 100X600	100	4"	600	24"	82	3 2/9"	2/0170	9,65

1 x JUCT



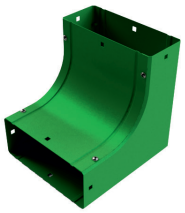


CPT H40/60



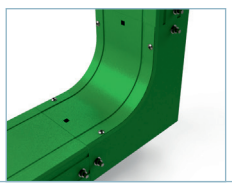
CPT H80/100

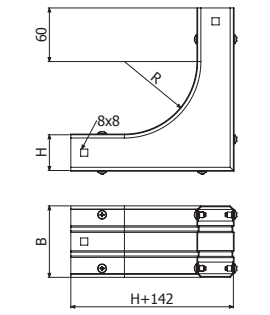
CCCT



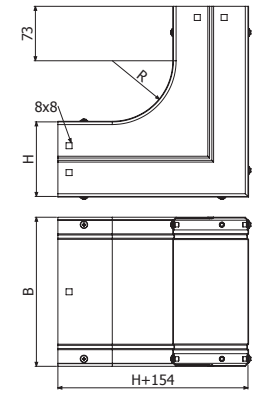
	H		B		R		GSE	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCCT 40X80	40	1 4/7"	80	3 1/7"	82	3 2/9"	2/0171	0,61
CCCT 40X120	40	1 4/7"	120	4 5/7"	82	3 2/9"	2/0172	0,76
CCCT 60X120	60	2 3/8"	120	4 5/7"	82	3 2/9"	2/0173	0,92
CCCT 80X140	80	3 1/7"	140	5 1/2"	82	3 2/9"	2/0174	1,18
CCCT 80X200	80	3 1/7"	200	8"	82	3 2/9"	2/0175	1,44
CCCT 100X200	100	4"	200	8"	82	3 2/9"	2/0176	1,64
CCCT 100X300	100	4"	300	12"	82	3 2/9"	2/0177	2,10
CCCT 100X400	100	4"	400	16"	82	3 2/9"	2/0178	4,08
CCCT 100X600	100	4"	600	24"	82	3 2/9"	2/0180	5,71

1 x JUCT



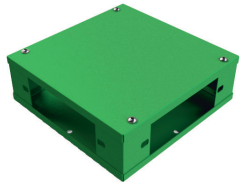


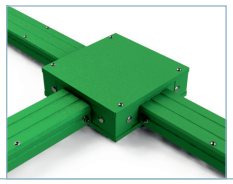
CCCT H40/60/80



CCCT H100

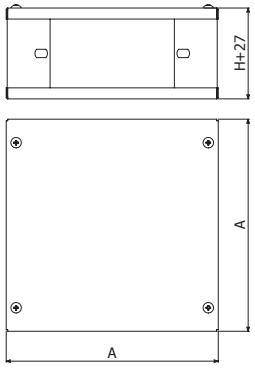
CDT





	H		A		GSE	
	mm	inch	mm	inch	REF.	kg/ud
CDT 40	40	1 4/7"	203	8“	2/0191	0,97
CDT 60	60	2 3/8"	203	8"	2/0192	1,24
CDT 80	80	3 1/7"	283	11 1/7"	2/0193	2,10
CDT 100	100	4"	383	15"	2/0194	3,59
CDT 100X400	100	4"	483	19"	2/3610	3,40
CDT 100X600	100	4"	683	26 8/9"	2/4203	6,50

x/100 x B1 (2/4356) +  / 

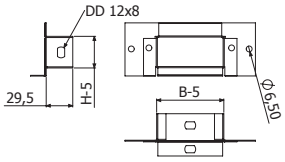


AC H40



	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
AC 40/40X80	40	1 4/7"	80	3 1/7"	2/0195	0,09
AC 40/40X120	40	1 4/7"	120	4 5/7"	2/0196	0,12

3/100 x B1 (2/4356)

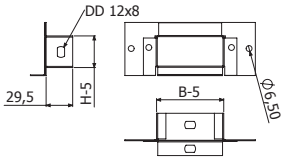


AC H60



	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
AC 60/40X80	40	1 4/7"	80	3 1/7"	2/0197	0,13
AC 60/40X120	40	1 4/7"	120	4 5/7"	2/0198	0,17
AC 60/60X120	60	2 3/8"	120	4 5/7"	2/0199	0,13

3/100 x B1 (2/4356)

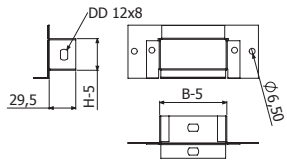


AC H80



	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
AC 80/40X80	40	1 4/7"	80	3 1/7"	2/0200	0,17
AC 80/40X120	40	1 4/7"	120	4 5/7"	2/0201	0,24
AC 80/60X120	60	2 3/8"	120	4 5/7"	2/0202	0,25
AC 80/80X140	80	3 1/7"	140	5 1/2"	2/0203	0,25
AC 80/80X200	80	3 1/7"	200	8"	2/0204	0,21

3/100 x B1 (2/4356)



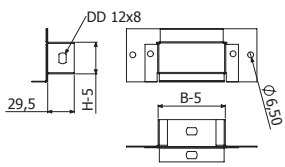
AC H100





	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
AC 100/40X80	40	1 4/7"	80	3 1/7"	2/0205	0,37
AC 100/40X120	40	1 4/7"	120	4 5/7"	2/0206	0,24
AC 100/60X120	60	2 3/8"	120	4 5/7"	2/0207	0,38
AC 100/80X140	80	3 1/7"	140	51/2"	2/0208	0,31
AC 100/80X200	80	3 1/7"	200	8"	2/0209	0,44
AC 100/100X200	100	4"	200	8"	2/0210	0,37
AC 100/100X300	100	4"	300	12"	2/0211	0,76
AC 100/100X400	100	4"	400	16"	2/0212	0,39
AC 100/100X600	100	4"	600	24"	2/4867	0,54

3/100 x B1 (2/4356)

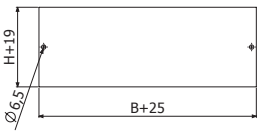


TCCT

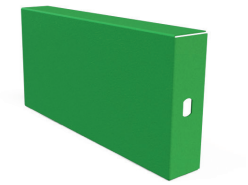


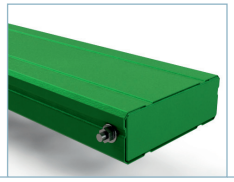
	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
TCCT 40	40	1 4/7"	120	4 5/7"	2/0223	0,05
TCCT 60	60	2 3/8"	120	4 5/7"	2/0224	0,06
TCCT 80	80	3 1/7"	200	8"	2/0225	0,21
TCCT 100	100	4"	300	12"	2/0226	0,30
TCCT 100X400	100	4"	400	16"	2/4866	0,40
TCCT 100X600	100	4"	600	24"	2/5931	0,58

2/100 x B1 (2/4356)



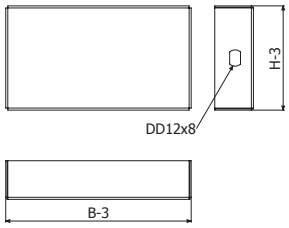
TFCT



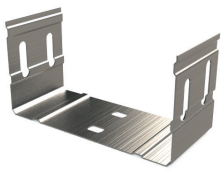


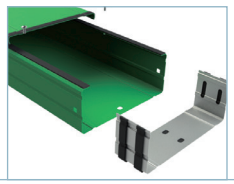
	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
TFCT 40X80	40	1 4/7"	80	3 1/7"	2/0213	0,07
TFCT 40X120	40	1 4/7"	120	4 5/7"	2/0214	0,10
TFCT 60X120	60	2 3/8"	120	4 5/7"	2/0215	0,10
TFCT 80X140	80	3 1/7"	140	5 1/2"	2/0216	0,14
TFCT 80X200	80	3 1/7"	200	8"	2/0217	0,23
TFCT 100X200	100	4"	200	8"	2/0218	0,23
TFCT 100X300	100	4"	300	12"	2/0219	0,46
TFCT 100X400	100	4"	400	16"	2/0220	0,47
TFCT 100X500	100	4"	500	19 2/3"	2/0221	0,58
TFCT 100X600	100	4"	600	24"	2/0222	0,68

2/100 x B1 (2/4356)



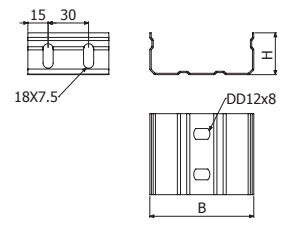
JUCT



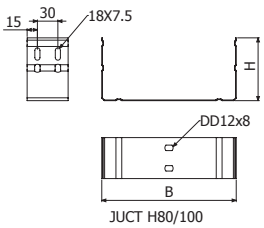


	H		B		GS	
	mm	inch	mm	inch	REF.	kg/ud
JUCT 40X80	40	1 4/7"	80	3 1/7"	2/0181	0,06
JUCT 40X120	40	1 4/7"	120	4 5/7"	2/0182	0,08
JUCT 60X120	60	2 3/8"	120	4 5/7"	2/0183	0,10
JUCT 80X140	80	3 1/7"	140	5 1/2"	2/0184	0,12
JUCT 80X200	80	3 1/7"	200	8"	2/0185	0,15
JUCT 100X200	100	4"	200	8"	2/0186	0,17
JUCT 100X300	100	4"	300	12"	2/0187	0,22
JUCT 100X400	100	4"	400	16"	2/5907	0,28
JUCT 100X600	100	4"	600	24"	2/0190	0,54

6/100 x B1 (2/4356)



JUCT H40/60

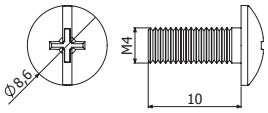


JUCT H80/100

DIN 7985



	Pap Nm	EZ REF.	EZ kg/ud
DIN7985-100 M4X10	4	2/6818	0,15

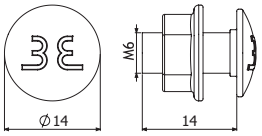


B1



	Pap Nm	EZ REF.	EZ kg/ud
B1-100	6	2/4356	0,77

10



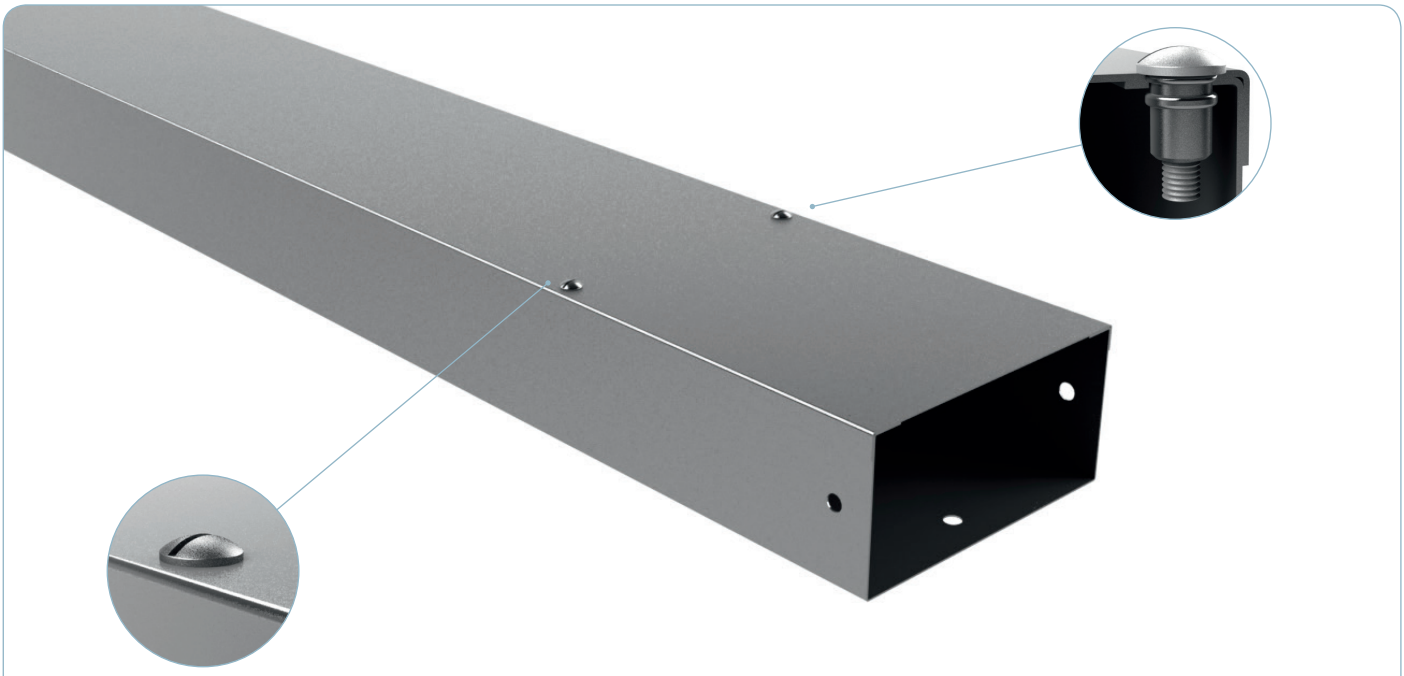
JBP



	BP REF.	BP kg/m
JBP	2/0227	0,03

IP65

L = 1 m (3 ft)



L > 100 m *
UNE-EN 50085

M0
UNE-EN 50085
UNE 23727

120°C
-25°C
UNE-EN 50085

9A
UNE-EN 61537

20J
UNE-EN 50085

IP65
C/JBP
IP53
S/JBP
IEC 60529

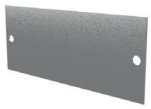
IK10
IEC 50102


CPTI


CCCTI


CDTI


ACI


TCI


TFI


JUCTI

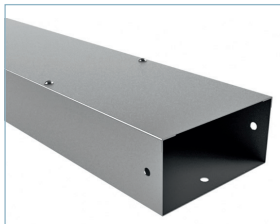

TIP65


DIN7985


JBP

		Filling Area					
B		H40 (1 4/7")		H60 (2 3/8")		H80 (3 1/7")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
80	3 1/7"	**30**	4,65	**-**	-	**-**	-
120	4 5/7"	**46**	7,13	**70**	10,85	**-**	-
140	5 1/2"	**-**	-	**-**	-	**110**	17,05

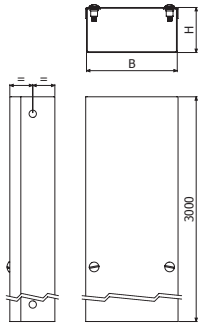
CTI



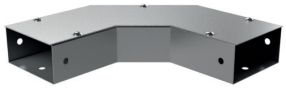
L = 3 m (10 ft)

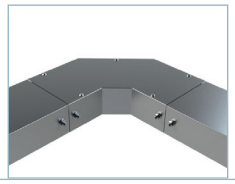
	H		B				i304	
	mm	inch	mm	inch	IK	IP	REF.	kg/m
CTI 40X80	40	1 4/7"	80	3 1/7"	10	65	2/6021	1,54
CTI 40X120	40	1 4/7"	120	4 5/7"	10	65	2/6762	2,00
CTI 60X120	60	2 3/8"	120	4 5/7"	10	65	2/7007	2,22
CTI 80X140	80	3 1/7"	140	5 1/2"	10	65	2/5184	2,78

1 x JUCTI



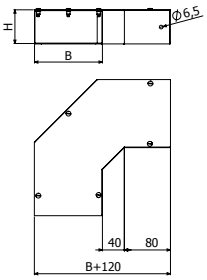
CPTI





	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
CPTI 40X80	40	1 4/7"	80	3 1/7"	2/7008	0,67
CPTI 40X120	40	1 4/7"	120	4 5/7"	2/9985	0,91
CPTI 60X120	60	2 3/8"	120	4 5/7"	2/7009	1,12
CPTI 80X140	80	3 1/7"	140	5 1/2"	2/7010	1,43

1 x JUCTI

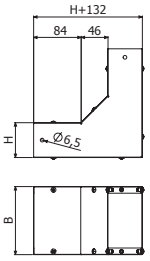


CCCTI



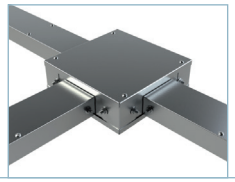
	H		B		R		i304	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCCTI 40X80	40	1 4/7"	80	3 1/7"	82	3 2/9"	2/7040	0,61
CCCTI 40X120	40	1 4/7"	120	4 5/7"	82	3 2/9"	2/9986	0,82
CCCTI 60X120	60	2 3/8"	120	4 5/7"	82	3 2/9"	2/7041	0,92
CCCTI 80X140	80	3 1/7"	140	5 1/2"	82	3 2/9"	2/7042	1,18

1 x JUCTI

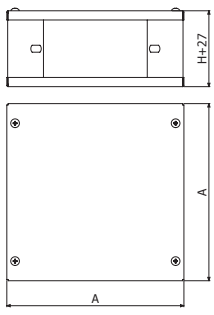


CDTI





	H		A		i304	
	mm	inch	mm	inch	REF.	kg/ud
CDTI 40	40	1 4/7"	203	8"	2/7043	0,97
CDTI 60	60	2 3/8"	203	8"	2/7044	1,24
CDTI 80	80	3 1/7"	283	11 1/7"	2/6360	2,10

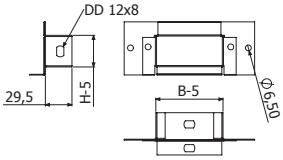


ACI

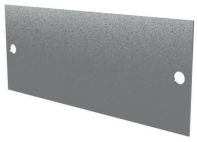


	CDT	H		B		i304	
		mm	inch	mm	inch	REF.	kg/ud
ACI 40/40X80	40	40	1 4/7"	80	3 1/7"	2/7049	0,09
ACI 40/40X120	40	40	1 4/7"	120	4 5/7"	2/9987	0,12
ACI 60/40X80	60	40	1 4/7"	80	3 1/7"	2/8226	0,14
ACI 60/40X120	60	40	1 4/7"	120	4 5/7"	2/9988	0,17
ACI 60/60X120	60	60	2 3/8"	120	4 5/7"	2/7050	0,13
ACI 80/80X140	80	80	3 1/7"	140	5 1/2"	2/7051	0,16

3/100 x B1 (2/4925)

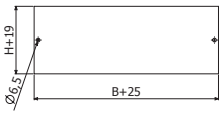


TCI

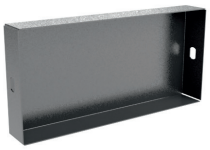


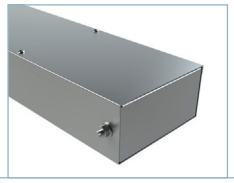
	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
TCI 40	40	1 4/7"	120	4 5/7"	2/7045	0,05
TCI 60	60	2 3/8"	120	4 5/7"	2/7046	0,06
TCI 80	80	3 1/7"	200	8"	2/7047	0,12

2/100 x B1 (2/4925)



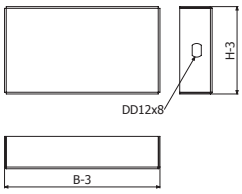
TFI



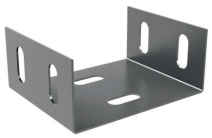


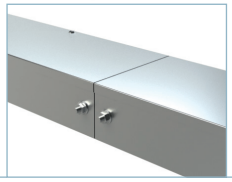
	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
TFI 40X80	40	1 4/7"	80	3 1/7"	2/6023	0,07
TFI 40X120	40	1 4/7"	120	4 5/7"	2/7077	0,09
TFI 60X120	60	2 3/8"	120	4 5/7"	2/7048	0,10
TFI 80X140	80	3 1/7"	140	5 1/2"	2/5186	0,14

2/100 x B1 (2/4925)



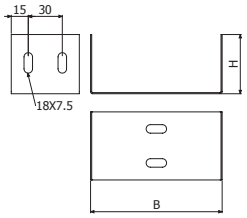
JUCTI





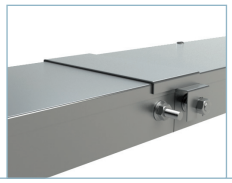
	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
JUCTI 40X80	40	1 4/7"	80	3 1/7"	2/6022	0,06
JUCTI 40X120	40	1 4/7"	120	4 5/7"	2/7078	0,08
JUCTI 60X120	60	2 3/8"	120	4 5/7"	2/7053	0,10
JUCTI 80X140	80	3 1/7"	140	5 1/2"	2/5185	0,12

6/100 x B1 (2/4925)



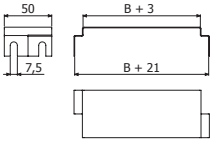
IP65 TIP65





	B		i304	
	mm	inch	REF.	kg/ud
TIP65 40X80	80	3 1/7"	2/7213	0,05
TIP65 40X120	120	4 5/7"	2/7216	0,06
TIP65 60X120	120	4 5/7"	2/7225	0,07
TIP65 80X140	140	5 1/2"	2/8227	0,08

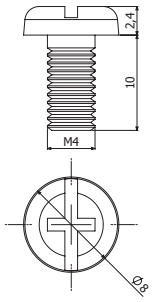
2/100 x DIN6923 M6 (2/17554)



DIN85



	Pap	i304	
	Nm	REF.	kg/ud
DIN85-100 M4X10	4	2/17550	0,01

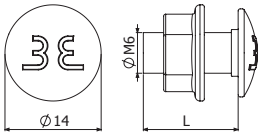


B1



	Pap	L	i304	
	Nm	mm	REF.	kg/ud
B1-100	6	20	2/4925	0,79

10



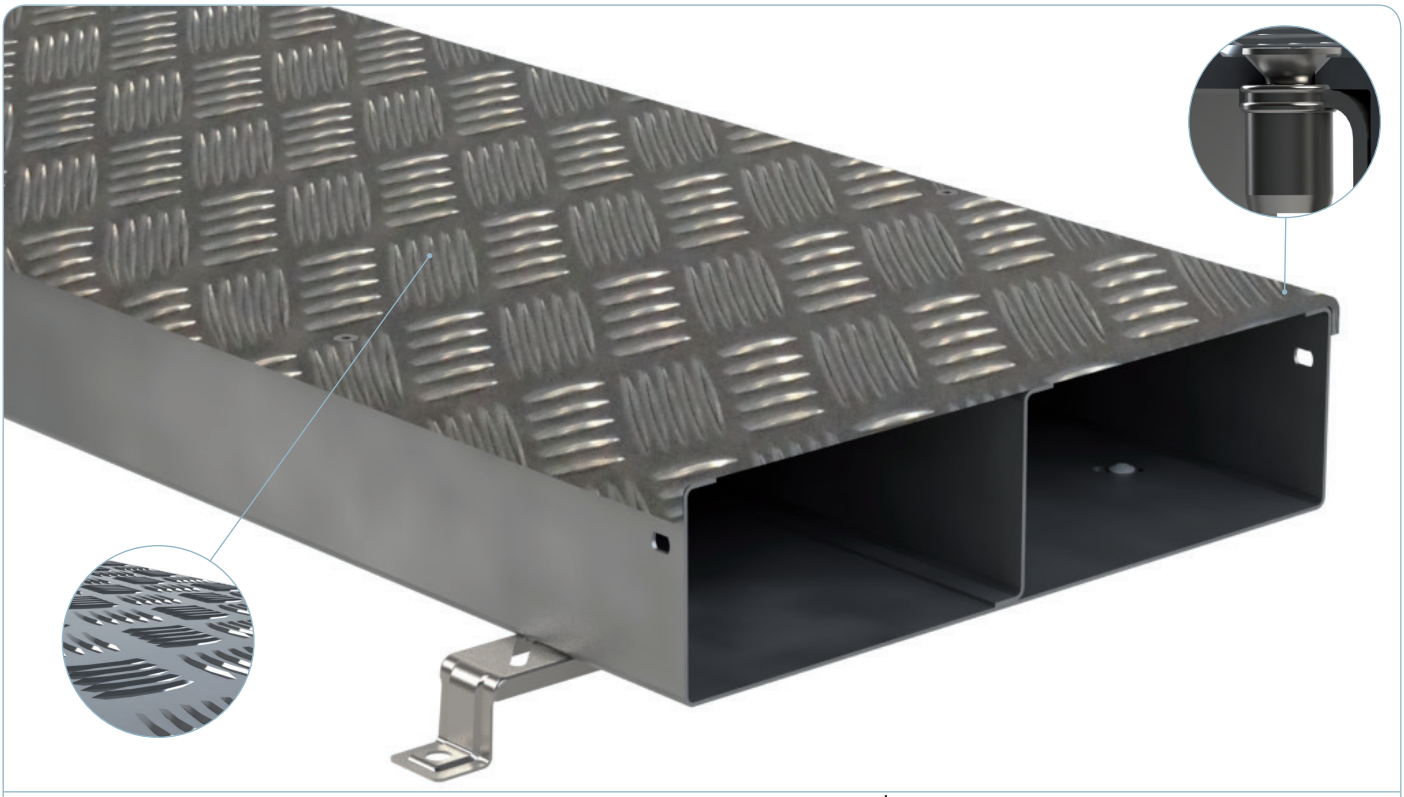
JBP



	BP	
	REF.	kg/m
JBP	2/0227	0,03

IP65

L = 1 m (3 ft)



L > 100 m
UNE-EN 50085

M0
UNE-EN 50085
UNE 23727

120°C
-25°C
UNE-EN 50085

20J
UNE-EN 50085

3
UNE-EN 61537

IP20
IEC 60529

IK10
IEC 50102


CPWT


TCPWT


TSCPWT

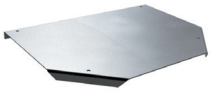

CPWT45

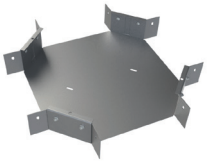

TCPWT45

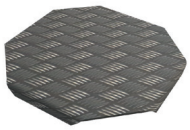

TSCPWT45


TEWT

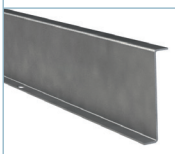

TTEWT


TSTEWT

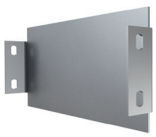

CRWT


TCRWT


CCWT


PSWT


REWT


TFWT


JUWT


SV


B1


DIN 7991


TMK

Filling Area			
B		H100 (4")	
mm	inch	cm²	in²
100	4	**85,56**	13,26
200	8	**181,56**	28,14
300	12	**277,56**	43,02
400	16	**371,32**	57,55
500	20	**467,32**	72,43
600	24	**563,32**	87,31

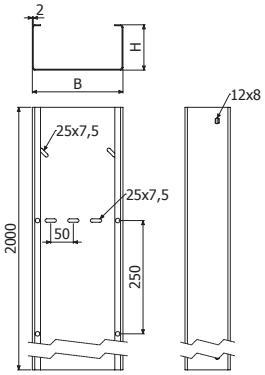
WT



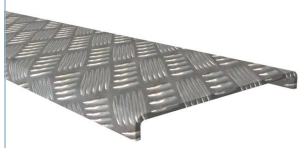
L = 2 m (6,6 ft)

	CTA (Kg/m)	(Kg)	B		H		GS	
			mm	inch	mm	inch	REF.	kg/m
WT 100X100	21	150	100	4	100	4	2/10146	5,50
WT 200X100	45	150	200	8	100	4	2/10147	7,06
WT 300X100	69	150	300	12	100	4	2/10148	8,62
WT 400X100	93	150	400	16	100	4	2/10149	10,19
WT 500X100	117	150	500	20	100	4	2/10150	11,74
WT 600X100	141	150	600	24	100	4	2/10151	13,30

2 x JUWT
2m x WT --> 3 x SV (B)
B ≥ 400 --> 1 x PSWT



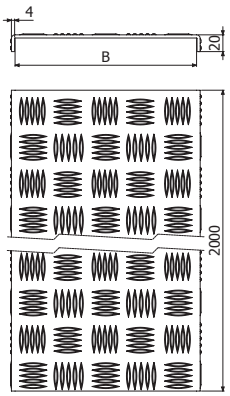
TWT



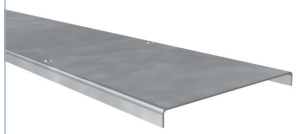
L = 2 m (6,6 ft)

	(Kg)	B		AL	
		mm	inch	REF.	kg/m
TWT 100	150	100	4	2/10191	1,63
TWT 200	150	200	8	2/10192	2,84
TWT 300	150	300	12	2/10193	4,05
TWT 400	150	400	16	2/10194	5,26
TWT 500	150	500	20	2/10195	6,47
TWT 600	150	600	24	2/10196	7,68

6/100 x DIN 7991 M6x16 (2/10265 - EZ)
1 x PSWT (2/10180) --> TWT (400 - 600)



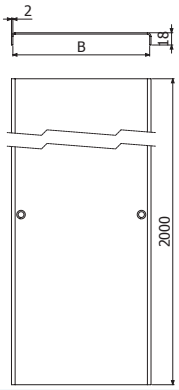
TSWT



L = 2 m (6,6 ft)

	B		GS	
	mm	inch	REF.	kg/m
TSWT 100	100	4	2/10185	2,19
TSWT 200	200	8	2/10186	3,76
TSWT 300	300	12	2/10187	5,34
TSWT 400	400	16	2/10188	6,91
TSWT 500	500	20	2/10189	8,49
TSWT 600	600	24	2/10190	10,16

6/100 x DIN 7991 M6x16 (2/10265 - EZ)

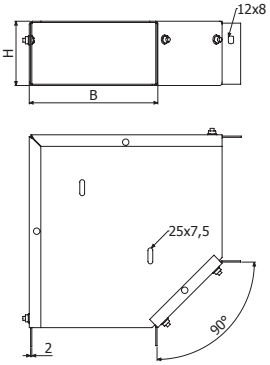


CPWT



	(Kg)	B		H		GS	
		mm	inch	mm	inch	REF.	kg/ud
CPWT 100X100	150	100	4	100	4	2/10152	1,85
CPWT 200X100	150	200	8	100	4	2/10153	2,99
CPWT 300X100	150	300	12	100	4	2/10154	4,44
CPWT 400X100	150	400	16	100	4	2/10155	6,21
CPWT 500X100	150	500	20	100	4	2/10156	8,30
CPWT 600X100	150	600	24	100	4	2/10157	10,69

4/100 x B1 (2/4356 -EZ)
1 x CPWT --> 1 x SV (B)
JUWT



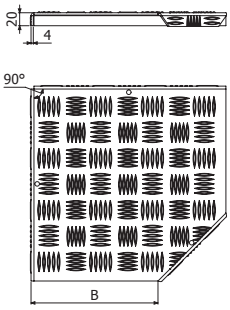
TCPWT



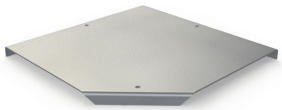
	(Kg)	B mm	B inch	AL REF.	AL kg/ud
TCPWT 100	150	100	4	2/10197	0,53
TCPWT 200	150	200	8	2/10198	1,18
TCPWT 300	150	300	12	2/10199	2,06
TCPWT 400	150	400	16	2/10200	3,22
TCPWT 500	150	500	20	2/10201	4,58
TCPWT 600	150	600	24	2/10202	6,18

B=100,200,300 3/100 x DIN 7991 M6x16 (2/10265 - EZ)

B=400,500,600 5/100 x DIN 7991 M6x16 (2/10265 - EZ)



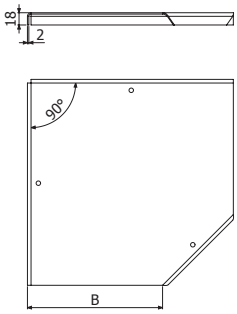
TSCPWT



	B mm	B inch	GS REF.	GS kg/ud
TSCPWT 100	100	4	2/10203	0,70
TSCPWT 200	200	8	2/10204	1,54
TSCPWT 300	300	12	2/10205	2,70
TSCPWT 400	400	16	2/10206	4,17
TSCPWT 500	500	20	2/10207	5,96
TSCPWT 600	600	24	2/10208	8,06

B=100,200,300 3/100 x DIN 7991 M6x16 (2/10265 - EZ)

B=400,500,600 5/100 x DIN 7991 M6x16 (2/10265 - EZ)



CPWT45

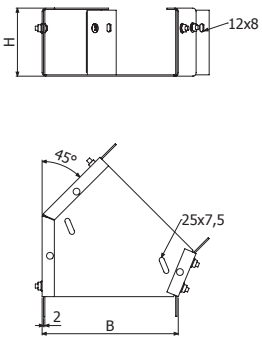


	(Kg)	B mm	B inch	H mm	H inch	GS REF.	GS kg/ud
CPWT45 100X100	150	100	4	100	4	2/10158	0,95
CPWT45 200X100	150	200	8	100	4	2/10159	1,39
CPWT45 300X100	150	300	12	100	4	2/10160	1,95
CPWT45 400X100	150	400	16	100	4	2/10161	2,63
CPWT45 500X100	150	500	20	100	4	2/10162	3,67
CPWT45 600X100	150	600	24	100	4	2/10164	4,89

4/100 x B1 (2/4356 - EZ)

1 x CPWT45 --> 1 x SV (B)

JUWT

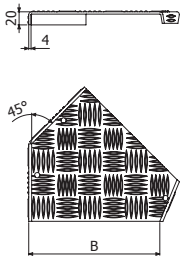


TCPWT45



	(Kg)	B mm	B inch	AL REF.	AL kg/ud
TCPWT45 100		100	4	2/10209	0,20
TCPWT45 200	150	200	8	2/10210	0,45
TCPWT45 300	150	300	12	2/10211	0,80
TCPWT45 400	150	400	16	2/10212	1,24
TCPWT45 500	150	500	20	2/10213	1,90
TCPWT45 600	150	600	24	2/10214	2,71

3/100 x DIN 7991 M6x16 (2/10265 - EZ)

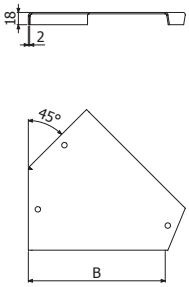


TSCPWT45



	B		GS	
	mm	inch	REF.	kg/ud
TSCPWT45 100	100	4	2/10215	0,26
TSCPWT45 200	200	8	2/10216	0,59
TSCPWT45 300	300	12	2/10217	1,04
TSCPWT45 400	400	16	2/10218	1,61
TSCPWT45 500	500	20	2/10219	2,48
TSCPWT45 600	600	24	2/10220	3,53

3/100 x DIN 7991 M6x16 (2/10265 - EZ)



TEWT

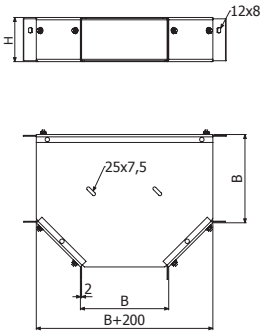


	(Kg)	B		H		GS	
		mm	inch	mm	inch	REF.	kg/ud
TEWT 100X100	150	100	4	100	4	2/10165	2,35
TEWT 200X100	150	200	8	100	4	2/10166	3,47
TEWT 300X100	150	300	12	100	4	2/10167	4,90
TEWT 400X100	150	400	16	100	4	2/10168	6,64
TEWT 500X100	150	500	20	100	4	2/10169	8,70
TEWT 600X100	150	600	24	100	4	2/10170	11,08

6/100 x B1 (2/4356 - EZ)

1 x TEWT --> 1 x SV (B)

JUWT

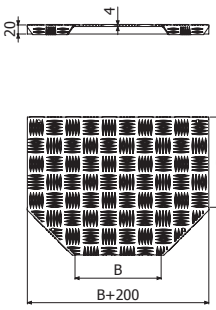


TTEWT

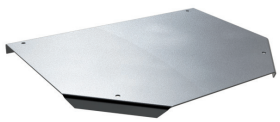


	(Kg)	B		AL	
		mm	inch	REF.	kg/ud
TTEWT 100	150	100	4	2/10221	0,72
TTEWT 200	150	200	8	2/10222	1,47
TTEWT 300	150	300	12	2/10223	2,46
TTEWT 400	150	400	16	2/10224	3,69
TTEWT 500	150	500	20	2/10225	5,16
TTEWT 600	150	600	24	2/10226	6,88

4/100 x DIN 7991 M6x16 (2/10265 - EZ)

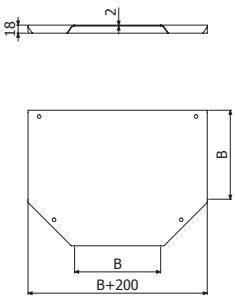


TSTEWT

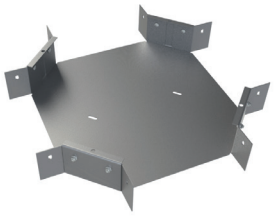


	B		GS	
	mm	inch	REF.	kg/ud
TSTEWT 100	100	4	2/10227	0,94
TSTEWT 200	200	8	2/10228	1,91
TSTEWT 300	300	12	2/10229	3,20
TSTEWT 400	400	16	2/10230	4,80
TSTEWT 500	500	20	2/10231	6,72
TSTEWT 600	600	24	2/10232	8,95

4/100 x DIN 7991 M6x16 (2/10265 - EZ)

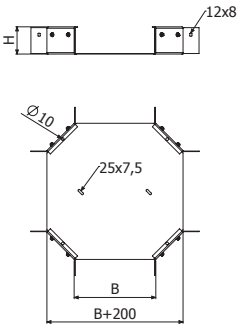


CRWT



	H		B		GS	
	mm	inch	mm	inch	REF.	kg/ud
CRWT 100X100	100	4	100	4	2/10292	1,95
CRWT 200X100	100	4	200	8	2/10293	3,05
CRWT 300X100	100	4	300	12	2/10294	4,47
CRWT 400X100	100	4	400	16	2/10295	6,20
CRWT 500X100	100	4	500	20	2/10296	8,25
CRWT 600X100	100	4	600	24	2/10297	10,61

8/100 x DIN 7991 M6x16 (2/10265 - EZ)

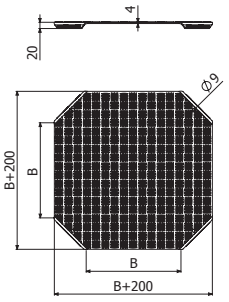


TCRWT



	B		AL	
	mm	inch	REF.	kg/ud
TCRWT 100	100	4	2/10298	0,85
TCRWT 200	200	8	2/10299	1,60
TCRWT 300	300	12	2/10300	2,57
TCRWT 400	400	16	2/10301	3,76
TCRWT 500	500	20	2/10302	5,16
TCRWT 600	600	24	2/10303	6,77

4/100 x DIN 7991 M6x16 (2/10265 - EZ)



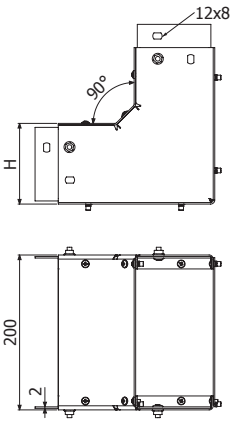
CCWT



	B		H		GS	
	mm	inch	mm	inch	REF.	kg/ud
CCWT 100X100	100	4	100	4	2/10171	1,99
CCWT 200X100	200	8	100	4	2/10172	2,91
CCWT 300X100	300	12	100	4	2/10173	3,83
CCWT 400X100	400	16	100	4	2/10174	4,75
CCWT 500X100	500	20	100	4	2/10175	5,67
CCWT 600X100	600	24	100	4	2/10176	6,59

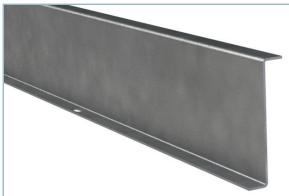
4/100 x B1 (2/4356 - EZ)

JUWT



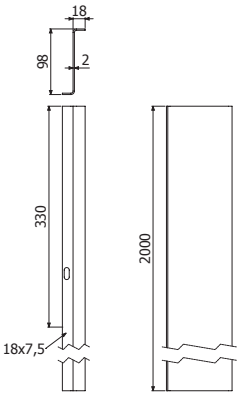
CCCX WT

PSWT



	GS	
	REF.	kg/ud
PSWT 100	2/10180	1,98

4/100 x B1 (2/4356 - EZ)

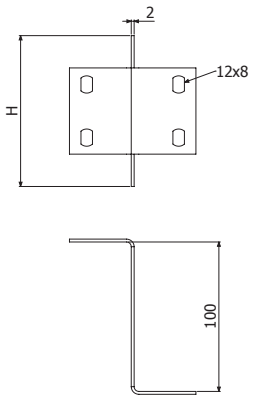


REWT

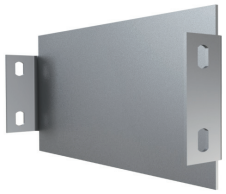


	H		GS	
	mm	inch	REF.	kg/ud
REWT 100X100	107	4	2/10087	0,26

2/100 x B1 (2/4356 - EZ)

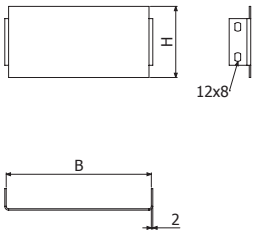


TFWT



	B		H		GS	
	mm	inch	mm	inch	REF.	kg/ud
TFWT 100X100	100	4	100	4	2/10240	0,21
TFWT 200X100	200	8	100	4	2/10241	0,36
TFWT 300X100	300	12	100	4	2/10242	0,52
TFWT 400X100	400	16	100	4	2/10243	0,68
TFWT 500X100	500	20	100	4	2/10244	0,83
TFWT 600X100	600	24	100	4	2/10245	0,99

2/100 x B1 (2/4356 - EZ)

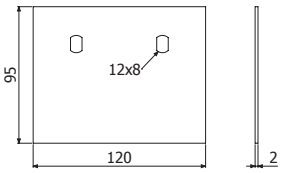


JUWT

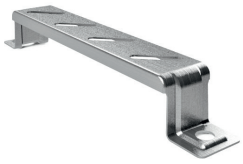


	GS	
	REF.	kg/ud
JUWT 100	2/10177	0,18

2/100 x B1 (2/4356 - EZ)



SV



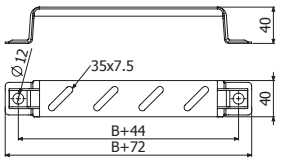
SV 100/150/200/300



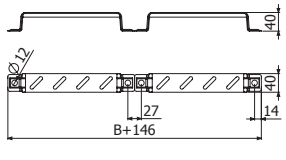
SV 400/500/600

	CTA		B		e	GS	
	kg	lb	mm	inch	mm	REF.	kg/ud
SV 100	276	609	100	4“	1,5	2/1046	0,09
SV 200	253	558	200	8”	1,5	2/1048	0,17
SV 300	207	456	300	12”	1,5	2/1049	0,23
SV 400	506	1116	400	16”	1,5	2/3413	0,45
SV 500	460	1014	500	20”	1,5	2/3414	0,52
SV 600	414	912	600	24”	1,5	2/3415	0,59

2/100 x B1 (2/4356 - EZ)



SVO 100/150/200/300



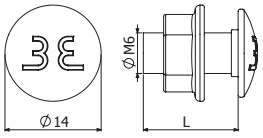
SVO 400/500/600

B1



	L	EZ	
	mm	REF.	kg/ud
B1-100	14	2/4356	0,77

10

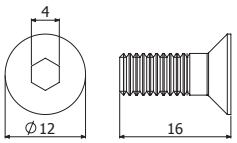


DIN 7991



	EZ	
	REF.	kg/ud
DIN7991-100 M6X16	2/10265	0,55

4



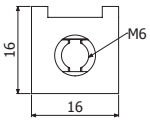
TMK



	REF.	kg/ud
TMK-100 M6	2/10266	0,20









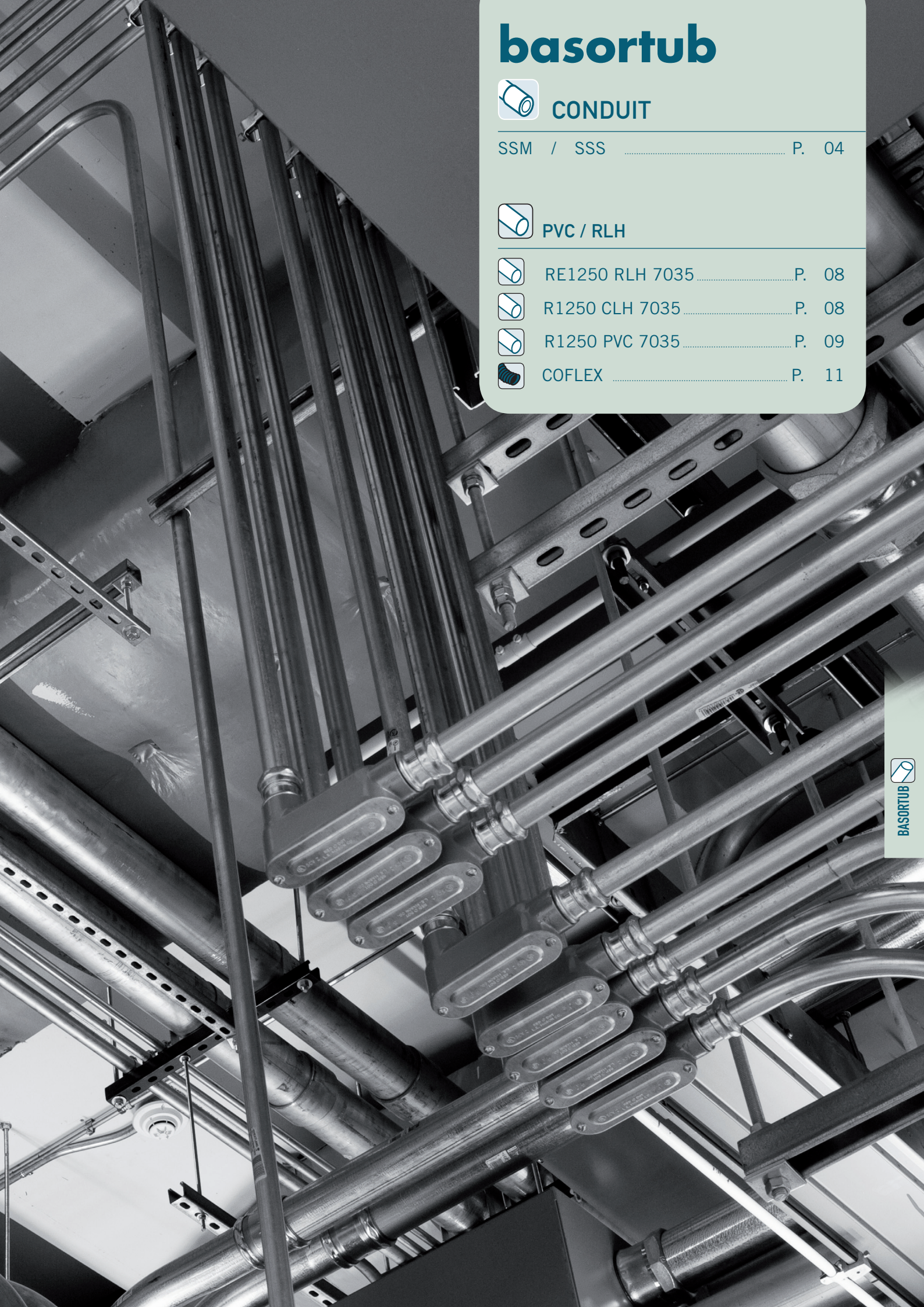
basortub

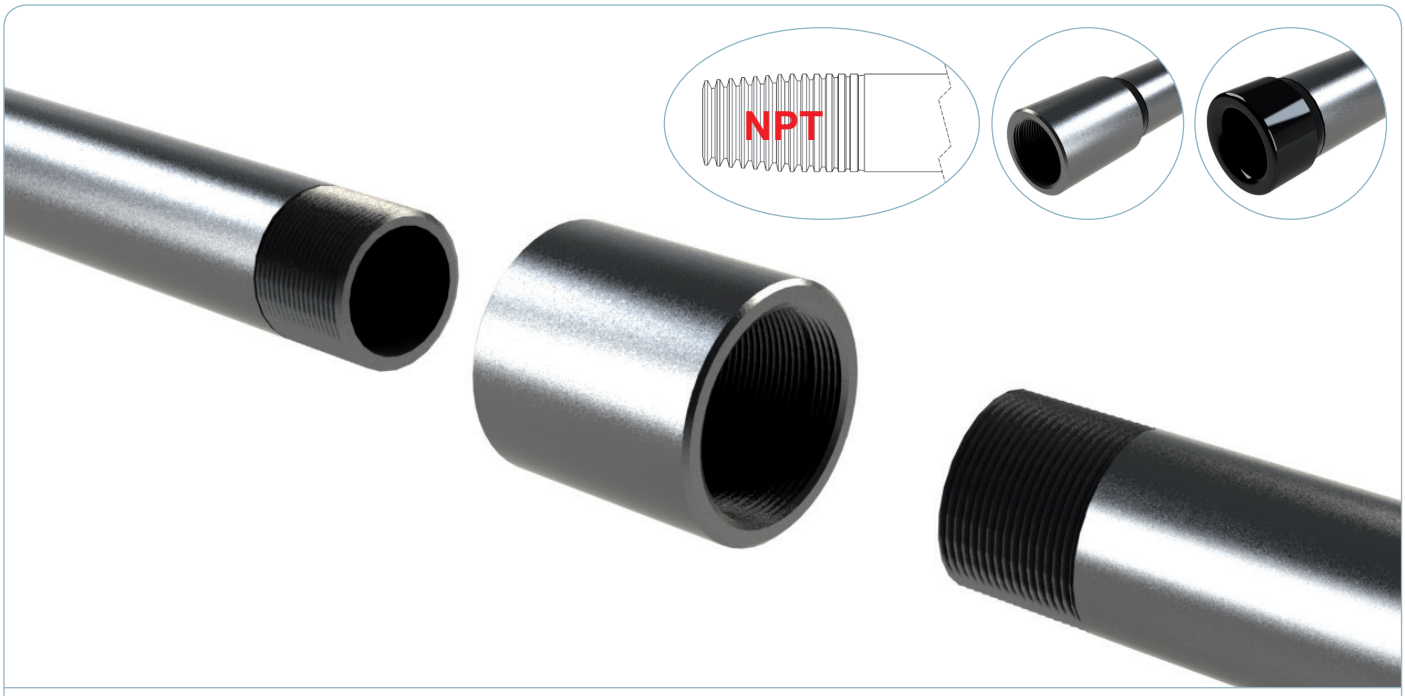
CONDUIT

SSM / SSS ..... P. 04

PVC / RLH

RE1250 RLH 7035 ..... P. 08
R1250 CLH 7035 ..... P. 08
R1250 PVC 7035 ..... P. 09
COFLEX ..... P. 11





UNE 23727
UNE-EN 13501

EN 10240

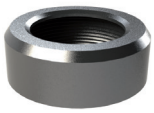
EN 61386

RoHS


MGRN

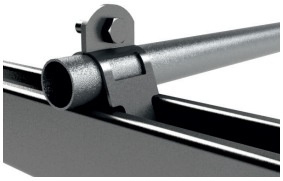

CRC


CRL


BQM


BQ


BC`P


BFT


ABC

	Filling Area			
	SSM		SSS	
ø	cm²	in²	cm²	in²
1/2"	**8,14**	1,26	**7,80**	1,21
3/4"	**14,79**	2,29	**14,07**	2,18
1"	**23,41**	3,63	**22,80**	3,53
1 1/4"	**40,72**	6,31	**39,10**	6,06
1 1/2"	**55,15**	8,55	**52,66**	8,16
2"	**88,58**	13,73	**86,52**	13,41
2 1/2"	**165,13**	25,60	**144,41**	22,38
3"	**205,61**	31,87	**190,74**	29,57
4"	**348,34**	53,99	**328,52**	50,92

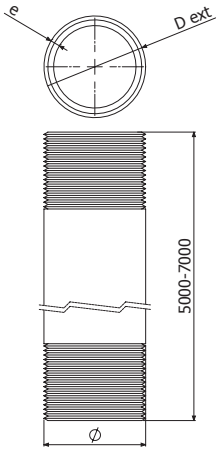
CONDUIT SSM UNE-EN 10255 SM



L = 5~7 m

	Ø	D ext	e	GC	
	inch	mm	mm	REF	kg/m
SSM 1/2"	1/2	21,3	2,6	2/7338	1,21
SSM 3/4"	3/4	26,9	2,6	2/7339	1,56
SSM 1"	1	33,7	3,2	2/7340	2,41
SSM 1 1/4"	1 1/4	42,4	3,2	2/4474	3,10
SSM 1 1/2"	1 1/2	48,3	3,2	2/7341	3,56
SSM 2"	2	60,3	3,6	2/7342	5,03
SSM 3"	3	88,9	4,0	2/7343	8,36
SSM 4"	4	114,3	4,5	2/7344	12,50

1 x MGRN + 1 x BQ



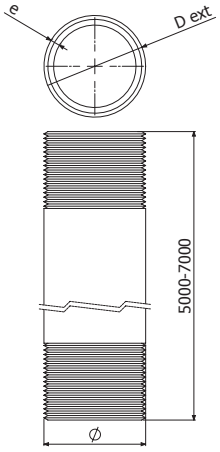
CONDUIT SSS ANSI C80.1



L = 5~7 m

	Ø	D ext	e	GC	
	inch	mm	mm	REF	kg/m
SSS 1/2"	1/2	21,3	2,8	2/8198	1,26
SSS 3/4"	3/4	26,9	2,9	2/8199	1,68
SSS 1"	1	33,7	3,4	2/8200	2,50
SSS 1 1/4"	1 1/4	42,4	3,6	2/8201	3,37
SSS 1 1/2"	1 1/2	48,3	3,7	2/8202	4,04
SSS 2"	2	60,3	3,9	2/8203	5,43
SSS 2 1/2"	2 1/2	73,0	5,2	2/8204	8,61
SSS 3"	3	88,9	5,5	2/8205	11,27
SSS 4"	4	114,3	6,0	2/8206	16,05

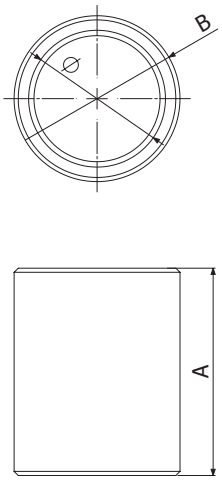
1 x MGRN + 1 x BQ



MGRN



	Ø	A	B	EZ	
	inch	mm	mm	REF	kg/ud
MGRN 1/2"	1/2	30	26	2/7345	0,05
MGRN 3/4"	3/4	40	32	2/7346	0,07
MGRN 1"	1	50	39	2/7347	0,12
MGRN 1.1/4"	1 1/4	52	48	2/5206	0,16
MGRN 1.1/2"	1 1/2	52	55	2/7348	0,22
MGRN 2"	2	54	67	2/7349	0,29
MGRN 2.1/2"	2 1/2	79	83	2/7531	0,81
MGRN 3"	3	82	98,0	2/7350	0,88
MGRN 4"	4	89	124	2/7351	1,51

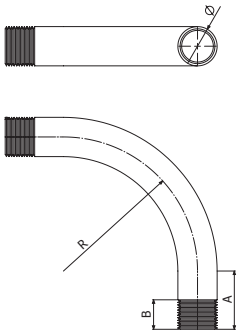


CRC



	Ø inch	A mm	B mm	R mm	GC REF	GC kg/ud
CRC 1/2"	1/2	40	20	85	2/7472	0,42
CRC 3/4"	3/4	40	20	115	2/7473	0,53
CRC 1"	1	50	20	145	2/7474	1,02
CRC 1.1/4"	1 1/4	50	25	180	2/8192	1,68
CRC 1.1/2"	1 1/2	50	25	214	2/7475	2,44
CRC 2"	2	50	25	245	2/7476	3,60
CRC 2.1/2"	2 1/2	110	30	265	2/8193	6,45
CRC 3"	3	135	30	330	2/7477	10,50
CRC 4"	4	145	35	410	2/7478	19,50

1 x MGRN

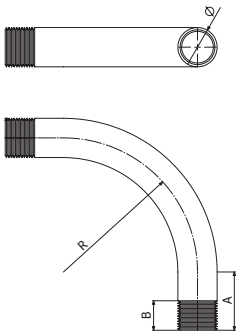


CRL

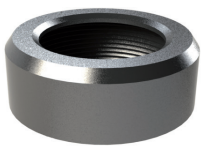


	Ø inch	A mm	B mm	R mm	GC REF	GC kg/ud
CRL 1/2"	1/2	40	20	170	2/7479	0,50
CRL 3/4"	3/4	40	20	200	2/7480	0,71
CRL 1"	1	50	20	250	2/7481	1,34
CRL 1.1/4"	1 1/4	50	25	300	2/8194	2,13
CRL 1.1/2"	1 1/2	50	25	340	2/7482	2,96
CRL 2"	2	50	25	420	2/7483	4,89
CRL 2.1/2"	2 1/2	110	30	530	2/8195	9,73
CRL 3"	3	135	30	630	2/7484	15,21
CRL 4"	4	145	35	800	2/7485	27,29

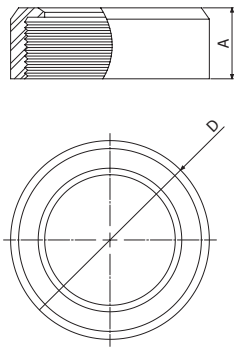
1 x MGRN



BQM



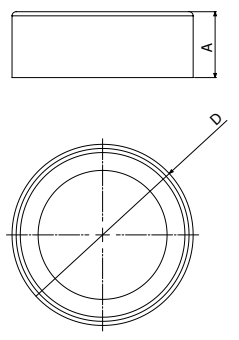
	Ø inch	D mm	A mm	EZ REF	EZ kg/ud
BQM 1/2"	1/2	30	15	2/8216	0,02
BQM 3/4"	3/4	35	15	2/8217	0,03
BQM 1"	1	40	18	2/8218	0,04
BQM 1.1/4"	1 1/4	50	20	2/8219	0,10
BQM 1.1/2"	1 1/2	55	25	2/8220	0,13
BQM 2"	2	70	30	2/8221	0,18
BQM 2.1/2"	2 1/2	85	35	2/8222	0,25
BQM 3"	3	100	40	2/8223	0,30
BQM 4"	4	130	45	2/8224	0,51



BQ

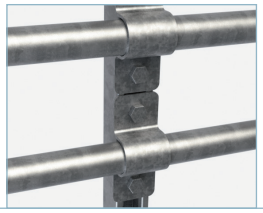


	Ø inch	D mm	A mm	PE REF	PE kg/ud
BQ 1/2"	1/2	24	15	2/7379	0,02
BQ 3/4"	3/4	30	17	2/7380	0,03
BQ 1"	1	38	18	2/7381	0,04
BQ 1.1/4"	1 1/4	42	20	2/4902	0,10
BQ 1.1/2"	1 1/2	53	21	2/7382	0,13
BQ 2"	2	66	24	2/7383	0,18
BQ 2.1/2"	2 1/2	76	26	2/7532	0,25
BQ 3"	3	94	28	2/7384	0,30
BQ 4"	4	120	32	2/7385	0,51



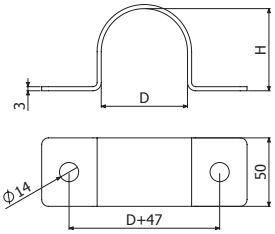
BCP



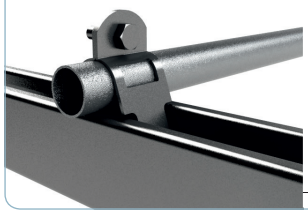


	D	H	GC	
	mm	mm	REF.	kg/ud
BCP 1/2"	24	21	2/9478	0,07
BCP 3/4"	30	26,5	2/9479	0,08
BCP 1"	36	33,5	2/9480	0,09
BCP 1 1/4"	45	42	2/9481	0,10
BCP 1 1/2"	51	48	2/9482	0,11
BCP 2"	63	60	2/9483	0,29
BCP 2 1/2"	76	72,7	2/17608	0,33
BCP 3"	93	88,5	2/9484	0,38
BCP 4"	117	114	2/9485	0,46

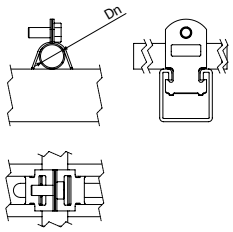
2 x DIN933 M10x30 i304 (2/17547) + 2 x TM41 M10 GC (2/17584)



BFT



	Dn	e	GC	
	mm	mm	REF.	kg/ud
BFT 1/2"	21,3	1,5	2/14642	0,06
BFT 3/4"	25,4-26,9	1,5	2/14643	0,07
BFT 1"	32,8-33,4	1,5	2/14644	0,08
BFT 1.1/4"	41,3-42,4	2	2/14645	0,09
BFT 1.1/2"	47,6-48,3	2	2/14646	0,10
BFT 2"	60,3	2,5	2/14647	0,12
BFT 2.1/2"	69,9-73,0	2,5	2/14648	0,14
BFT 3"	84,0-88,9	2,5	2/14649	0,16
BFT 4"	111,1-115,3	2,5	2/14650	0,20

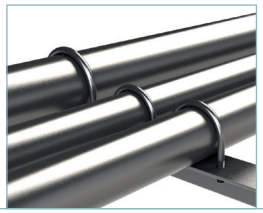


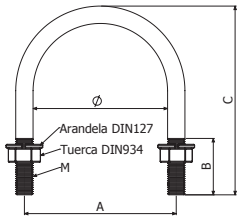
ABC



	Ø	A	B	C	M	EZ	
	inch	mm	mm	mm		REF	kg/ud
ABC 1/2"	1/2	28	17	42	M6	2/7458	0,03
ABC 3/4"	3/4	34	19	50	M6	2/7459	0,03
ABC 1"	1	41	24	62	M6	2/7460	0,04
ABC 1.1/4"	1 1/4	49	24	71	M6	2/8190	0,04
ABC 1.1/2"	1 1/2	57	26	80	M8	2/7461	0,08
ABC 2"	2	70	26	91	M8	2/7462	0,09
ABC 2.1/2"	2 1/2	85	35	117	M10	2/8191	0,18
ABC 3"	3	101	35	130	M10	2/7463	0,20
ABC 4"	4	127	35	155	M10	2/7464	0,24

	Ø	A	B	C	M	GC	
	inch	mm	mm	mm		REF	kg/ud
ABC 1/2"	1/2	30	17	42	M8	2/8207	0,03
ABC 3/4"	3/4	36	19	50	M8	2/8208	0,03
ABC 1"	1	43	24	62	M8	2/8209	0,04
ABC 1.1/4"	1 1/4	51	24	71	M8	2/8210	0,04
ABC 1.1/2"	1 1/2	57	26	80	M8	2/8211	0,08
ABC 2"	2	70	26	91	M8	2/8212	0,09
ABC 2.1/2"	2 1/2	85	35	117	M10	2/8213	0,18
ABC 3"	3	101	35	130	M10	2/8214	0,20
ABC 4"	4	127	35	155	M10	2/8215	0,24





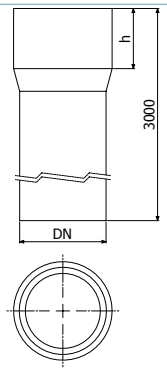


RE1250 RLH



	DN		h		UNE-EN	IP	IK	RLH 7035	
	mm	inch	mm	inch	61386			REF.	kg/m
RE1250 16	16	5/8"	14	5/9"	4322	54	07	2/6453	0,07
RE1250 20	20	4/5"	16	5/8"	4322	54	07	2/6454	0,10
RE1250 25	25	1"	20	4/5"	4322	54	07	2/6455	0,13
RE1250 32	32	1 1/4"	22	6/7"	4322	54	07	2/6456	0,18
RE1250 40	40	1 4/7"	26	1"	4322	54	07	2/6457	0,26
RE1250 50	50	2"	31	1 2/9"	4322	54	07	2/6458	0,34
RE1250 63	63	2 1/2"	60	2 3/8"	4322	54	07	2/6459	0,53

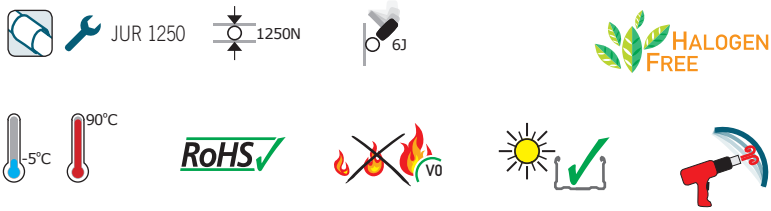


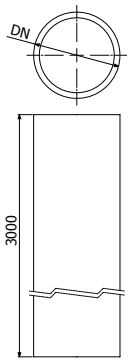


R1250 CLH



	DN		UNE-EN	IK	CLH 7035	
	mm	inch	61386		REF.	kg/m
R1250 16	16	5/8"	4422	08	2/7217	0,07
R1250 20	20	4/5"	4422	08	2/7218	0,10
R1250 25	25	1"	4422	08	2/7219	0,13
R1250 32	32	1 1/4"	4422	08	2/7220	0,18
R1250 40	40	1 4/7"	4422	08	2/7221	0,26
R1250 50	50	2"	4422	08	2/7222	0,34
R1250 63	63	2 1/2"	4422	08	2/7223	0,53





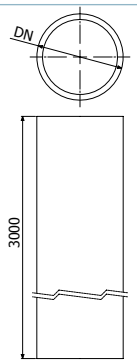
R1250 PVC



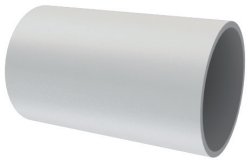
	DN		UNE-EN	IK	PVC 7035	
	mm	inch	61386		REF.	kg/m
R1250 16	16	5/8"	4321	07	2/6460	0,11
R1250 20	20	4/5"	4321	07	2/6461	0,16
R1250 25	25	1"	4321	07	2/6462	0,22
R1250 32	32	1 1/4"	4321	07	2/6463	0,30
R1250 40	40	1 4/7"	4321	07	2/6464	0,40
R1250 50	50	2"	4321	07	2/6465	0,54
R1250 63	63	2 1/2"	4321	07	2/6466	0,78

JUR 1250 · 1250N · 2J

-5°C · 60°C · RoHS · V0

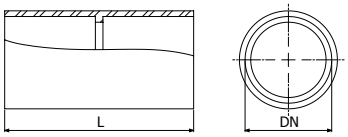


JUR1250



	DN		L		IP	RLH 7035	
	mm	inch	mm	inch		REF.	kg/ud
JUR1250 16	16	5/8"	50	2"	40	2/6732	0,01
JUR1250 20	20	4/5"	55	2 1/6"	40	2/6733	0,01
JUR1250 25	25	1"	60	2 3/8"	40	2/6734	0,01
JUR1250 32	32	1 1/4"	70	2 3/4"	40	2/6735	0,02
JUR1250 40	40	1 4/7"	80	3 1/7"	40	2/6736	0,03
JUR1250 50	50	2"	90	3 1/2"	40	2/6737	0,04
JUR1250 63	63	2 1/2"	130	5 1/8"	40	2/6738	0,05

-5°C · 90°C · IP 40 · RoHS · V2 · HALOGEN FREE

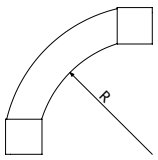


CPR



	DN		R		IP	RLH 7035	
	mm	inch	mm	inch		REF.	kg/ud
CPR 16	16	5/8"	54	2 1/8"	40	2/6739	0,01
CPR 20	20	4/5"	67	2 2/3"	40	2/6740	0,02
CPR 25	25	1"	85	3 1/3"	40	2/6741	0,04
CPR 32	32	1 1/4"	110	4 1/3"	40	2/6742	0,07
CPR 40	40	1 4/7"	138	5 3/7"	40	2/6743	0,10
CPR 50	50	2"	172	6 7/9"	40	2/6744	0,18

-5°C · 90°C · IP 40 · RoHS · V2 · HALOGEN FREE

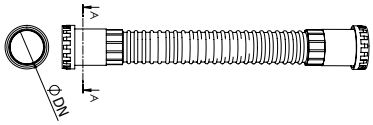


CFR



	DN		L		IP	RLH 7035	
	mm	inch	mm	inch		REF.	kg/ud
CFR 16	16	5/8"	220	8 2/3"	65	2/6819	0,08
CFR 20	20	4/5"	230	9"	65	2/6820	0,10
CFR 25	25	1"	540	9 4/9"	65	2/6821	0,11
CFR 32	32	1 1/4"	270	10 5/8"	65	2/6822	0,12
CFR 40	40	1 4/7"	300	11 4/5"	65	2/6823	0,13
CFR 50	50	2"	340	13 2/5"	65	2/6824	0,14

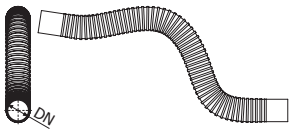
-5°C · 90°C · IP 65 · RoHS · V2 · HALOGEN FREE



CFR2

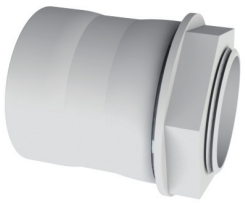


	DN		L		IP	PVC 7035	
	mm	inch	mm	inch		REF.	kg/ud
CFR2 16	16	5/8"	280	8 5/8"	65	2/7432	0,08
CFR2 20	20	4/5"	280	8 5/8"	65	2/7433	0,10
CFR2 25	25	1"	340	13 3/8"	65	2/7434	0,13
CFR2 32	32	1 1/4"	380	14 15/16"	65	2/7435	0,16

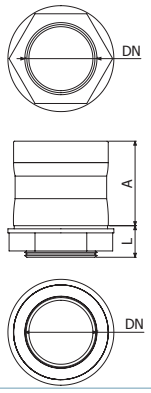


-5°C 90°C IP 44 RoHS V2 HALOGEN FREE

MCR1250

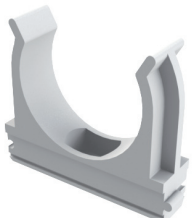


	DN		L	A	IP	RLH 7035	
	mm	inch	mm	mm		REF.	kg/ud
MCR1250 16	16	5/8"	15	42	65	2/6746	0,02
MCR1250 20	20	4/5"	15	44	65	2/6747	0,02
MCR1250 25	25	1"	15	47	65	2/6748	0,03
MCR1250 32	32	1 1/4"	16	52	65	2/6749	0,04
MCR1250 40	40	1 4/7"	16	64	65	2/6750	0,08
MCR1250 50	50	2"	18	72	65	2/6751	0,09

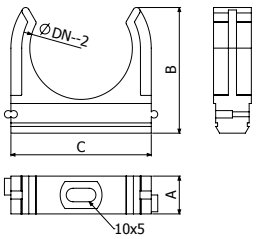


-5°C 90°C IP 67 RoHS V2 HALOGEN FREE

SPR1250



	DN		A		B		C		F	RLH 7035	
	mm	inch	mm	inch	mm	inch	mm	inch	kg	REF.	kg/ud
SPR1250 16	16	5/8"	12	1/2"	25	1"	21	5/6"	3	2/6753	0,01
SPR1250 20	20	4/5"	12	1/2"	28	1 1/9"	26	1"	3	2/6754	0,01
SPR1250 25	25	1"	12	1/2"	32	1 1/4"	31	1 2/9"	3	2/6755	0,01
SPR1250 32	32	1 1/4"	12	1/2"	43	1 2/3"	44	1 3/4"	3	2/6756	0,01
SPR1250 40	40	1 4/7"	14	5/9"	50	2"	52	2"	3	2/6757	0,01
SPR1250 50	50	2"	14	5/9"	56	2 1/5"	62	2 4/9"	3	2/6758	0,02

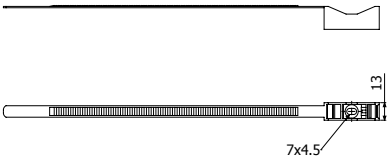


-5°C 90°C RoHS V2 HALOGEN FREE

ABR1250

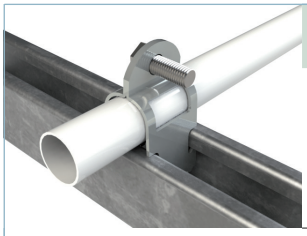


	DN		F	RLH 7035	
	mm	inch	kg	REF.	kg/ud
ABR1250 16-32	16/32	5/8"-1 1/4"	15	2/6760	0,01
ABR1250 20-63	20/63	4/5 - 2 1/2"	15	2/6761	0,01

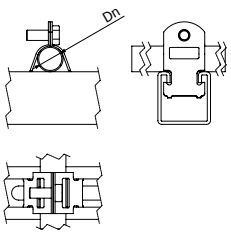


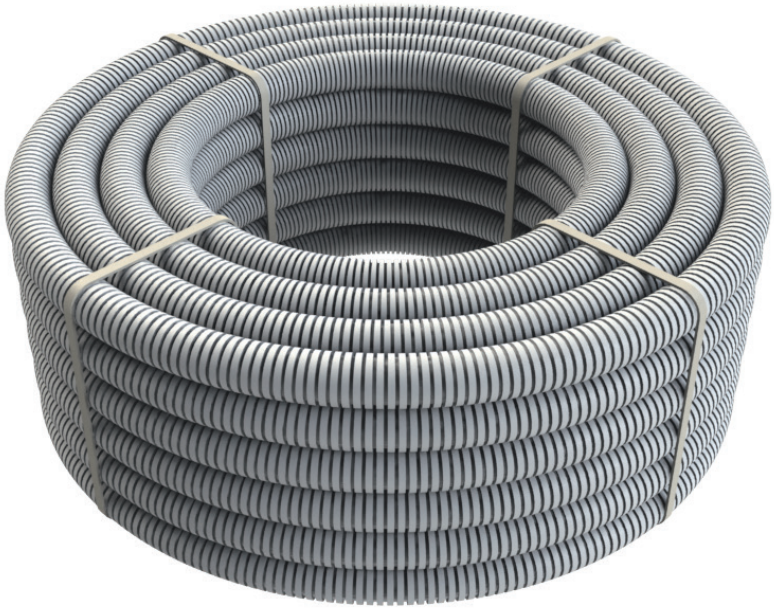
-5°C 90°C RoHS V2 HALOGEN FREE

BFT



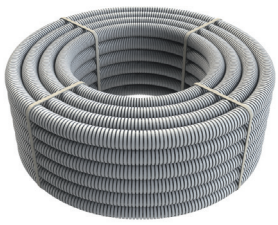
	Dn	e	EZ	
	mm	mm	REF.	kg/ud
BFT 20	20	1,5	2/6811	0,06
BFT 25	25	1,5	2/6812	0,07
BFT 32	32	1,5	2/6813	0,08
BFT 40	40	2	2/6814	0,09
BFT 50	50	2	2/6815	0,10





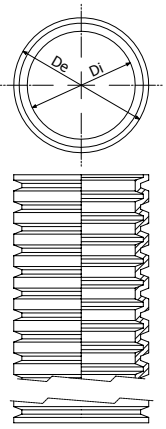
-5°C 90°C 320N 2J RoHS HALOGEN FREE

COFLEX



L = 1 m (3 ft)

	Dext		Dint		UNE-EN	RLH 7035	
	mm	inch	mm	inch	61386	REF.	kg/m
COFLEX 16	16	5/8"	11	3/7"	2322	2/6995	0,032
COFLEX 20	20	4/5"	15	3/5"	2322	2/6996	0,044
COFLEX 25	25	1"	20	4/5"	2322	2/6997	0,056
COFLEX 32	32	1 1/4"	27	1"	2322	2/6998	0,081
COFLEX 40	40	1 4/7"	34	1 1/3"	2322	2/6999	0,114
COFLEX 50	50	2"	44	1 3/4"	2322	2/7000	0,160

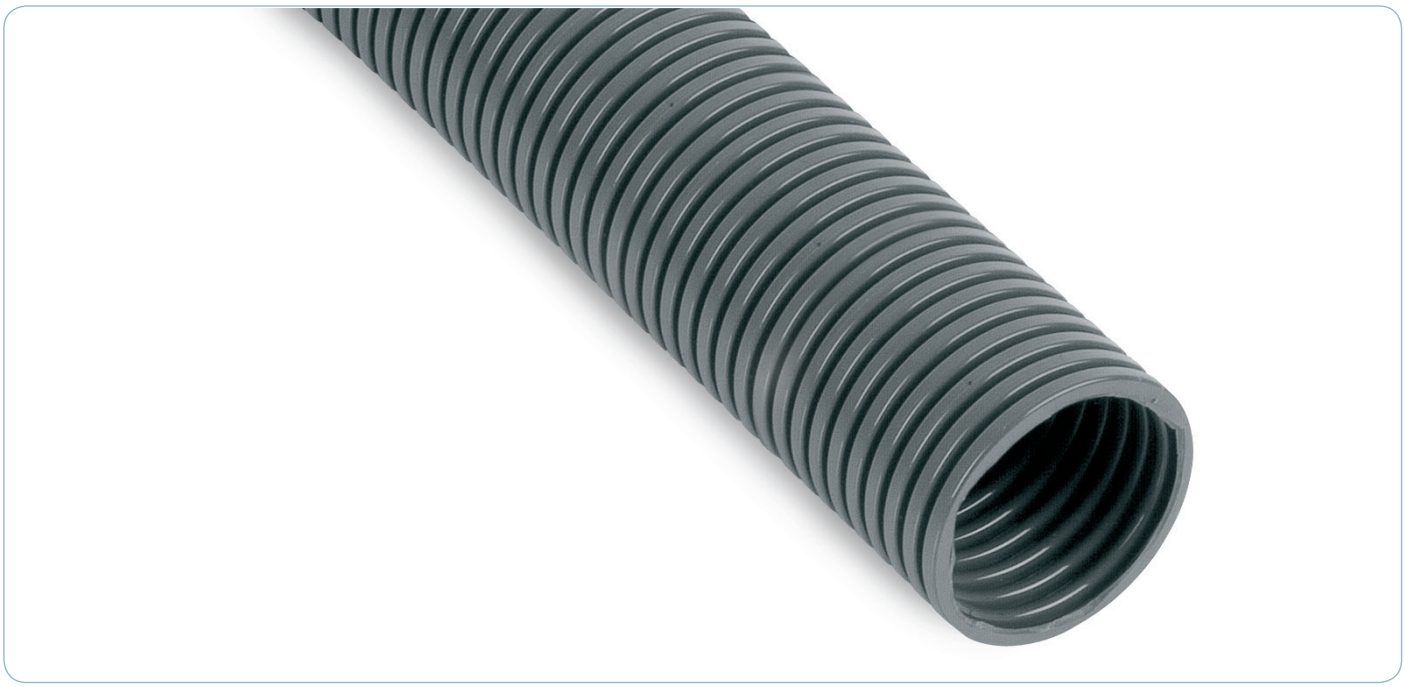




basorflex

FLEXL ..... P. 04





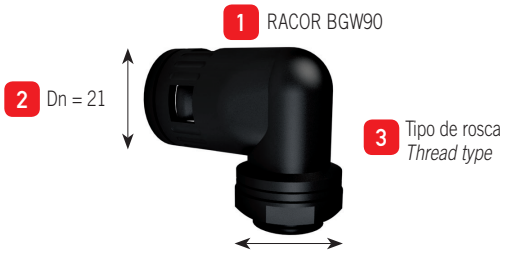
SELECCIÓN DE ACCESORIOS FLEXL / *HOW TO SELECT FLEXL ACCESSORIES*

Tamaño Rosca *Thread Size*	Ø ext (mm)
PG7	12,5
PG9	15,2
PG11	18,6
PG13,5	20,4
PG16	22,5
PG21	28,3
PG29	37,0
PG36	47,0
PG42	54,0
PG48	59,3

Para seleccionar un accesorio siga los siguientes pasos:
To select an accessory follow the next steps:

BGW90 10 PG 07

1. Tipo de accesorio *Type of accessory*
2. Diámetro nominal del tubo para el que buscamos accesorio *Nominal diameter of the conduit for which we are looking the accessory*
3. Tipo de rosca y tamaño *Thread type and size*

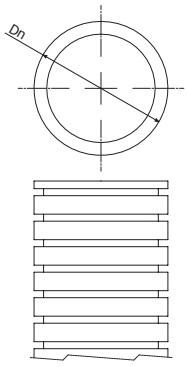


FLEXL

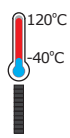

RAL 7031

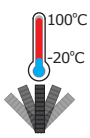

RAL 9011

	Dn	Dmax	Dmin	rmin	UNE-EN	PA6 7031		PA6 9011	
	mm	mm	mm	mm	61386	REF.	kg/m	REF.	kg/m
FLEXL 10	10	10	6,5	5	2432	2/6517	0,02	2/6526	0,02
FLEXL 13	13	13	10	7,5	2432	2/6518	0,02	2/6527	0,02
FLEXL 16	16	15,8	12	10	2432	2/6519	0,04	2/6528	0,04
FLEXL 18	18	18,5	14,3	12,5	2432	2/6520	0,04	2/6529	0,04
FLEXL 21	21	21,2	17	12,5	2432	2/6521	0,06	2/6530	0,06
FLEXL 28	28	28,5	23	15	2432	2/6522	0,08	2/6531	0,08
FLEXL 34	34	34,5	29	20	2432	2/6523	0,10	2/6532	0,10
FLEXL 42	42	42,5	36	32,5	2432	2/6524	0,16	2/6533	0,16
FLEXL 54	54	54,5	48	37,5	2432	2/6525	0,20	2/6534	0,20



L = 1 m (3 ft)





320N

6J

RoHS

V2

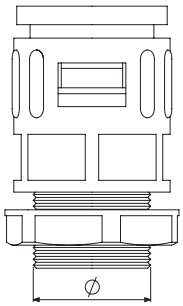
HALOGEN FREE

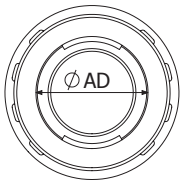
BGQ PG


RAL 7031


RAL 9011

	AD	Rosca	ø		UNE-EN	PA6 7031		PA6 9011	
	mm	PG	mm	inch	61386	REF.	kg/ud	REF.	kg/ud
BGQ 10PG07	10	7	12,50	0,49	1353	2/6597	0,01	2/6608	0,01
BGQ 13PG09	13	9	15,20	0,60	1353	2/6598	0,01	2/6609	0,01
BGQ 16PG11	15,8	11	18,60	0,73	1353	2/6599	0,01	2/6610	0,01
BGQ 16PG13	15,8	13,5	20,40	0,80	1353	2/6600	0,01	2/6611	0,01
BGQ 18PG13	18,5	13,5	20,40	0,80	1353	2/6601	0,02	2/6612	0,02
BGQ 21PG13	21,2	13,5	20,40	0,80	1353	2/6602	0,02	2/6613	0,02
BGQ 21PG16	21,2	16	22,50	0,89	1353	2/6603	0,02	2/6614	0,02
BGQ 28PG21	28,5	21	28,30	1,11	1353	2/6604	0,03	2/6615	0,03
BGQ 34PG29	34,5	29	37,00	1,46	1353	2/6605	0,04	2/6616	0,04
BGQ 42PG36	42,5	36	47,00	1,85	1353	2/6606	0,06	2/6617	0,06
BGQ 54PG48	54,5	48	59,30	1,94	1353	2/6607	0,09	2/6618	0,09





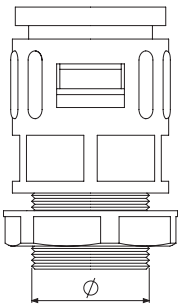
-45°C 85°C 125N 2J RoHS IP 68 V2 HALOGEN FREE

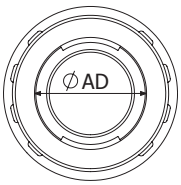
BGQ M


RAL 7031


RAL 9011

	AD	ø	UNE-EN	PA6 7031		PA6 9011	
	mm	M	61386	REF.	kg/ud	REF.	kg/ud
BGQ 10M12	10	12	1353	2/6639	0,01	2/6650	0,01
BGQ 13M16	13	16	1353	2/6640	0,01	2/6651	0,01
BGQ 16M16	15,8	16	1353	2/6641	0,01	2/6652	0,01
BGQ 16M20	15,8	20	1353	2/6642	0,02	2/6653	0,02
BGQ 18M20	18,5	20	1353	2/6643	0,02	2/6654	0,02
BGQ 21M20	21,2	20	1353	2/6644	0,02	2/6655	0,02
BGQ 28M25	21,2	25	1353	2/6645	0,03	2/6656	0,03
BGQ 34M32	28,5	32	1353	2/6646	0,04	2/6657	0,04
BGQ 42M40	34,5	40	1353	2/6647	0,07	2/6658	0,07
BGQ 54M50	42,5	50	1353	2/6648	0,10	2/6659	0,10
BGQ 54M63	54,5	63	1353	2/6649	0,10	2/6660	0,10





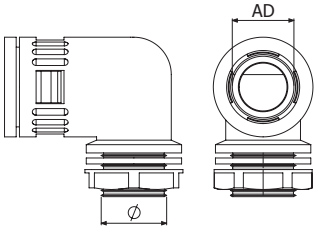
-45°C 85°C 125N 2J RoHS IP 68 V2 HALOGEN FREE

BGW PG


RAL 7031


RAL 9011

	AD	Rosca	ø		PA6 7031		PA6 9011	
	mm	PG	mm	inch	REF.	kg/ud	REF.	kg/ud
BGW90 10PG07	10	7	12,50	0,49	2/6619	0,01	2/6629	0,01
BGW90 13PG09	13	9	15,20	0,60	2/6620	0,02	2/6630	0,02
BGW90 16PG11	15,8	11	18,60	0,73	2/6621	0,02	2/6631	0,02
BGW90 16PG13	15,8	13	20,40	0,80	2/6622	0,02	2/6632	0,02
BGW90 21PG13	21,2	13	20,40	0,80	2/6623	0,02	2/6633	0,02
BGW90 21PG16	21,2	16	22,50	0,89	2/6624	0,02	2/6634	0,02
BGW90 28PG21	28,5	21	28,30	1,11	2/6625	0,04	2/6635	0,04
BGW90 34PG29	34,5	29	37,00	1,46	2/6626	0,06	2/6636	0,06
BGW90 42PG36	42,5	36	47,00	1,85	2/6627	0,10	2/6637	0,10
BGW90 54PG48	54,5	48	59,30	1,94	2/6628	0,15	2/6638	0,15



-45°C 85°C 125N 2J RoHS IP 66 V2 HALOGEN FREE

BGW M

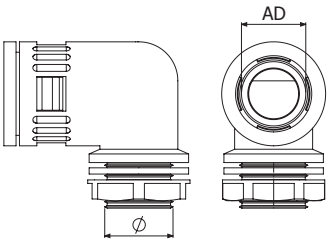


RAL 7031



RAL 9011

	AD	Rosca	PA6 7031		PA6 9011	
	mm	M	REF.	kg/ud	REF.	kg/ud
BGW90 10M12	10	12	2/6661	0,01	2/6671	0,01
BGW90 13M16	13	16	2/6662	0,02	2/6672	0,02
BGW90 16M16	15,8	16	2/6663	0,02	2/6673	0,02
BGW90 16M20	15,8	20	2/6664	0,02	2/6674	0,02
BGW90 21M20	21,2	20	2/6665	0,02	2/6675	0,02
BGW90 28M25	28,5	25	2/6666	0,04	2/6676	0,04
BGW90 34M32	34,5	32	2/6667	0,06	2/6677	0,06
BGW90 42M40	42,5	40	2/6668	0,10	2/6678	0,10
BGW90 54M50	54,5	50	2/6669	0,15	2/6679	0,15
BGW90 54M63	54,5	63	2/6670	0,16	2/6680	0,16



-45°C 85°C 125N 2J RoHS IP 66 V2 HALOGEN FREE

SPFLEX

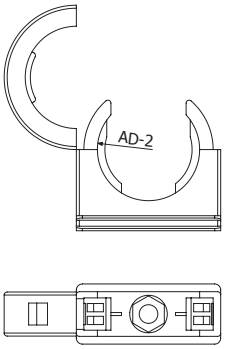


RAL 7031



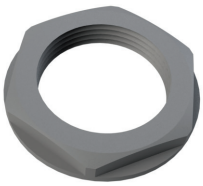
RAL 9011

	AD	PA6 7031		PA6 9011	
	mm	REF.	kg/ud	REF.	kg/ud
SPFLEX 10	10	2/6681	0,01	2/6690	0,01
SPFLEX 13	13	2/6682	0,01	2/6691	0,01
SPFLEX 16	15,8	2/6683	0,01	2/6692	0,01
SPFLEX 18	18,5	2/6684	0,01	2/6693	0,01
SPFLEX 21	21,2	2/6685	0,01	2/6694	0,01
SPFLEX 28	28,5	2/6686	0,01	2/6695	0,01
SPFLEX 34	34,5	2/6687	0,01	2/6696	0,01
SPFLEX 42	42,5	2/6688	0,02	2/6697	0,02
SPFLEX 54	54,5	2/6689	0,02	2/6698	0,02



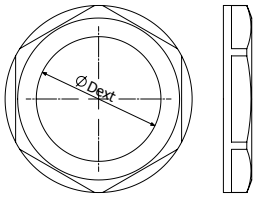
-45°C 105°C RoHS V2 HALOGEN FREE

TRFLEX PG



RAL 7016

	Dext	PA6 7031	
	PG	REF.	kg/ud
TRFLEX PG07	7	2/17568	0,01
TRFLEX PG09	9	2/17569	0,01
TRFLEX PG11	11	2/17570	0,01
TRFLEX PG13	13	2/17571	0,01
TRFLEX PG16	16	2/17572	0,01
TRFLEX PG21	21	2/17573	0,01
TRFLEX PG29	29	2/17574	0,01
TRFLEX PG36	36	2/17575	0,01
TRFLEX PG48	48	2/17576	0,01



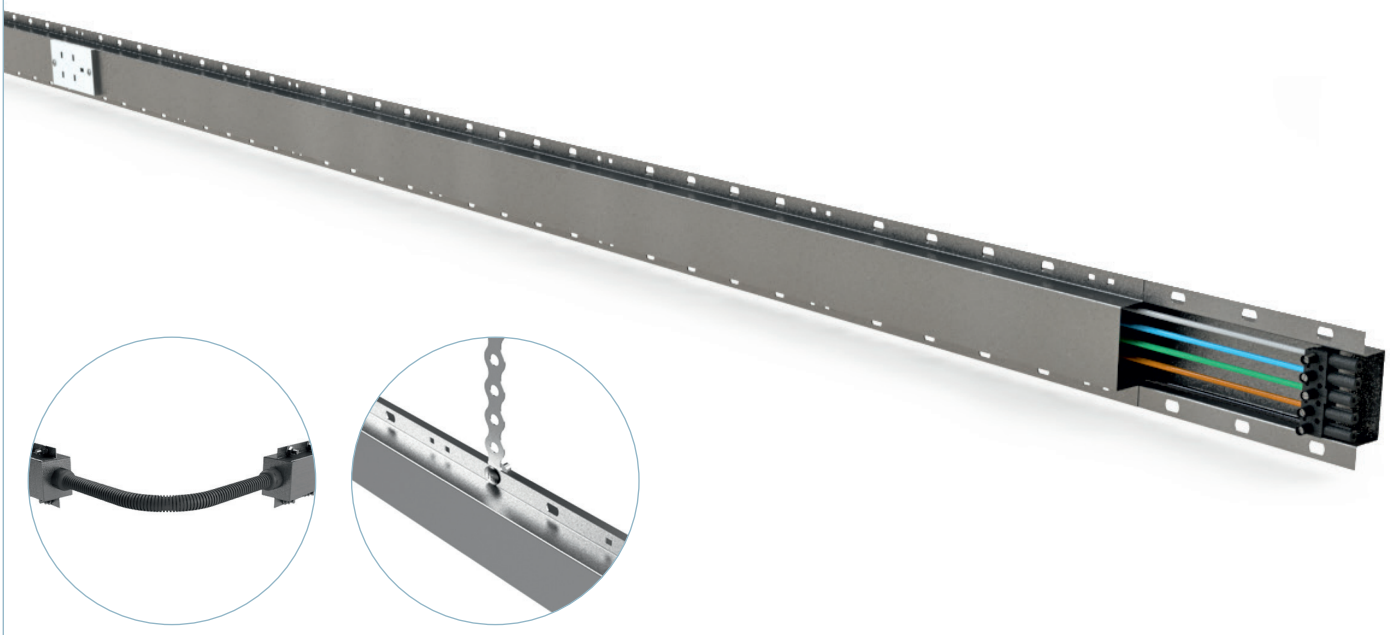
-45°C 105°C RoHS V0



trunking

TRUNKING ..... P. 04





50 Hz

L > 100 m

RoHS

IP5X

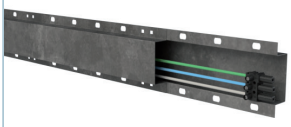
HALOGEN FREE

	REF.			ITS (A)	Ø Cu mm²		IT (A)	Ø Cu mm²	m
FN 20A-1T 3M	2/6478	2	0	-	-	1	20	2,5	3
FN 20A-2T 3M	2/6778	2	0	-	-	2	20	2,5	3
3FN 20A-1TS 3M	2/6775	4	1	20	2,5	0	-	-	3
3FN 20A-2TS 3M	2/6777	4	2	20	2,5	0	-	-	3
3FN 25A-1TS 3M	2/6789	4	1	25	4	0	-	-	3
3XFN 20A-3T 5M	2/0385	4	0	-	-	3	20	2,5	5
3FN+E 20A-2TS/20A-1T 3M	2/6788	4	2	20	2,5	1	20	2,5	3
3FN+E 25A-1TS/20A-1T 3M	2/6790	4	1	25	4	1	20	2,5	3

	Ref.	Caída de tensión unitaria [V/A.km] a 40ºC *Unitary voltage drop [V/A.km] a 40ºC*		
		Cosφ=0,8	Cosφ=0,9	Cosφ=1
FN 20A-1T 3M	2/6478	5,59	6,27	6,92
FN 20A-2T 3M	2/6788	5,70/5,62(E)	6,40/6,30(E)	7,06/6,95(E)
3FN 20A-1TS 3M	2/6775	5,62	6,30	6,95
3FN 20A-2TS 3M	2/6777	5,70	6,40	7,06
3FN 25A-1TS 3M	2/6789	3,51	3,93	4,33
3XFN 20A-3T 5M	2/0385	5,73	6,43	7,09
3FN+E 20A-2TS/20A-1T 3M	2/6788	5,70/5,62(E)	6,40/6,30(E)	7,06/6,95(E)
3FN+E 25A-2TS/20A-1T 3M	2/6790	3,51/3,51(E)	3,93/3,93(E)	4,33/4,33(E)

Caída de tensión unitaria: Unitary voltage drop:	eu=k.(e/L.I)
eu,	Caída de tensión unitaria en voltios *Unitary voltage drop in volts*
e,	Caída de tensión (Voltios) *Voltage drop (volts)*
L,	Longitud de la canalización (km) *Lenght of the trunking (km)*
I,	Intensidad de servicio (A) *Intensity of service (A)*
k,	Factor de la distribución de la corriente *Distribution factor of the current*

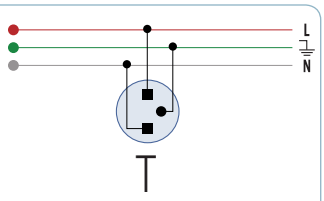
FN



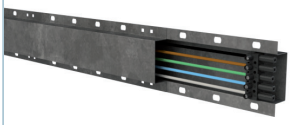
L = 3 m (10 ft)

	IT (A)		GS REF.	GS kg/m
FN 20A-1T 3M	20	1	2/6478	1,17
FN 20A-2T 3M	20	2	2/6778	1,27

6 x DIN933 M6x20 (2/17548 - EZ) + 6 x DIN6923 M6 (2/17552 - EZ)



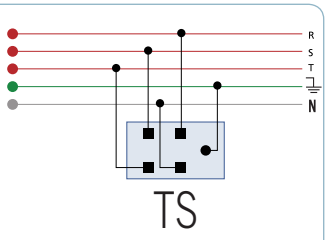
3FN



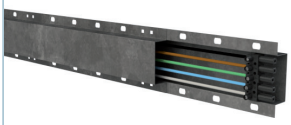
L = 3 m (10 ft)

	ITS (A)		GS REF.	GS kg/m
3FN 20A-1TS 3M	20	1	2/6775	1,25
3FN 20A-2TS 3M	20	2	2/6777	1,46
3FN 25A-1TS 3M	25	1	2/6789	1,38

6 x DIN933 M6x20 (2/17548 - EZ) + 6 x DIN6923 M6 (2/17552 - EZ)



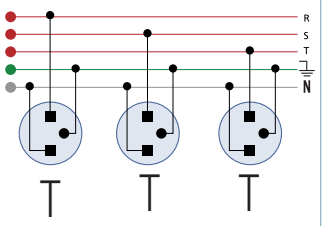
3XFN



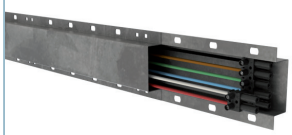
L = 5 m (16,4 ft)

	IT (A)		GS REF.	GS kg/m
3XFN 20A-3T 5M	20	3	2/0385	2,19

6 x DIN933 M6x20 (2/17548 - EZ) + 6 x DIN6923 M6 (2/17552 - EZ)



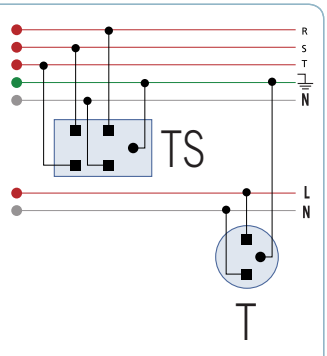
3FN+E



L = 3 m (10 ft)

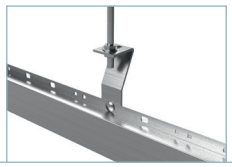
	ITS (A)		IT (A)		GS REF.	GS kg/m
3FN+E 20A-2TS/20A-1T 3M	20	2	20	1	2/6788	1,45
3FN+E 25A-1TS/20A-1T 3M	25	1	20	1	2/6790	1,50

6 x DIN933 M6x20 (2/17548 - EZ) + 6 x DIN6923 M6 (2/17552 - EZ)



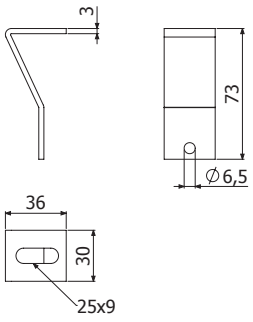
SFN





	GS	
	REF.	kg/m
SFN	2/5534	0,08

1 x DIN933 M6x20 (2/17548 - EZ) + 1 x DIN6923 M6 (2/17552 - EZ)



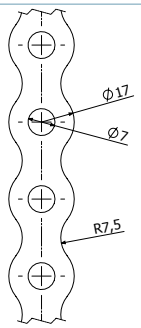
CSJ



	GS	
	REF.	kg/m
CSJ	2/4291	0,11

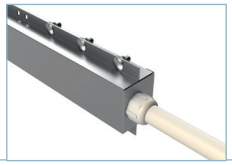
M6

L = 1 m (3 ft)



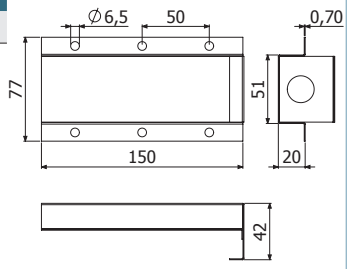
TFN





	GS	
	REF.	kg/m
TFN	2/0401	0,12

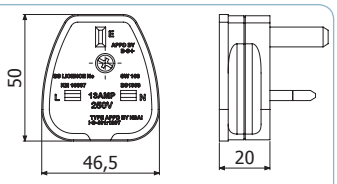
6 x DIN933 M6x20 (2/17548 - EZ) + 6 x DIN6923 M6 (2/17552 - EZ)



CLV-T



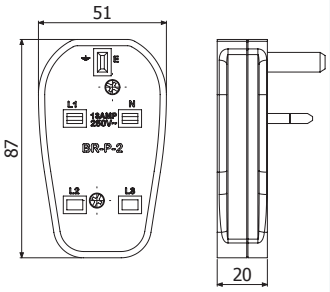
	REF.	kg/m
CLV-T	2/0402	0,06



CLV-TS



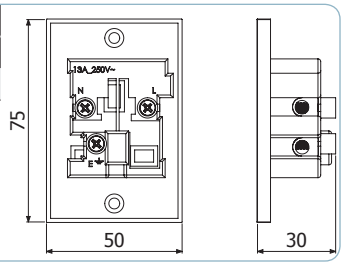
	REF.	kg/m
CLV-TS	2/6513	0,08



B-T



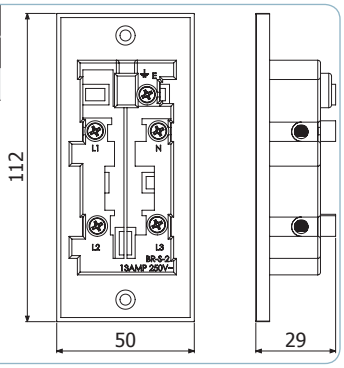
	REF.	kg/m
B-T	2/4723	0,04



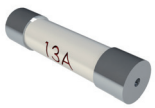
B-TS



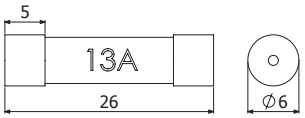
	REF.	kg/m
B-TS	2/4912	0,07



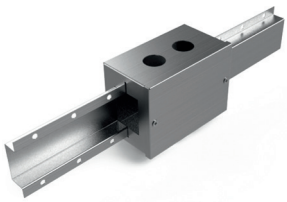
F13A

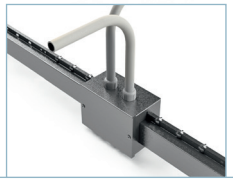


	REF.	kg/m
F13A	2/0404	0,01



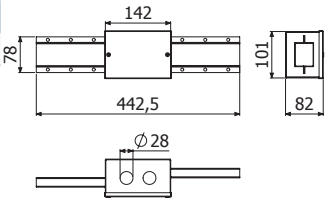
KADP





	GS	
	REF.	kg/m
KADP	2/0400	0,88

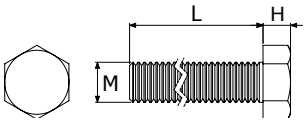
12 x DIN933 M6x20 (2/17548 - EZ) + 12 x DIN6923 M6 (2/17552 - EZ)



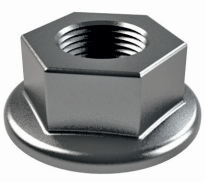
DIN933



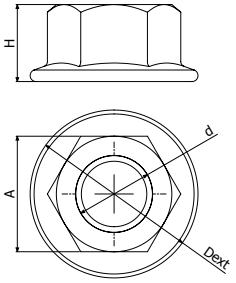
	P	M	L	H	EZ	
	Nm	mm	mm	mm	REF.	kg/ud
DIN933 M6X20	8	6	20	4,1	2/17548	0,02



DIN6923



	d	Dext	A	H	EZ	
		mm	mm	mm	REF.	kg/ud
DIN6923 M6	M6	14	10	6	2/17552	0,01







basorfix

41/82 ..... P. 04

CT, RA ..... P. 16

OBP, OBC, OAP, OAC, OR ..... P. 17

ACS, ACT, ACL ..... P. 18

GV, GVV, BCA, CSJ ..... P. 20

DIN976, SBC, SBL, SBZ ..... P. 22

DIN933, DIN912, DIN934, DIN125, DIN6923, DIN9021, ISO7380 ..... P. 23

SCM, CCM, CM ..... P. 24

TT, TTL ..... P. 25

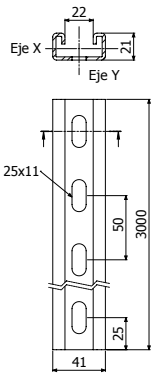
FPS ..... P. 26

P41 41X21



L = 3 m (10 ft)

	e	A		Wx		Wy		GS		GC	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/m
41X21X1,5	1,5	1,44	0,22	0,79	0,04	1,86	0,11	2/6366	1,26	☎	☎
41X21X2,5	2,5	2,14	0,33	1,08	0,06	2,73	0,16	2/0235	1,71	2/0236	1,80

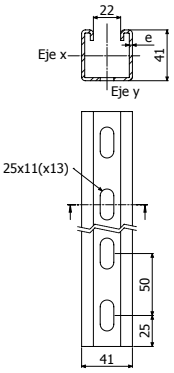


P41 41X41

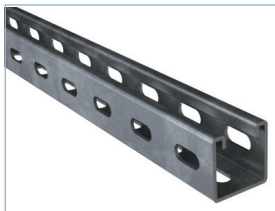


L = 3 m (10 ft)

	e	A		Wx		Wy		GS		GC		i304		i316	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/m	REF.	kg/ud	REF.	kg/ud
41X41X1,5	1,5	1,95	0,30	2,09	0,12	2,92	0,17	2/6365	1,67	☎	☎	2/18079	1,67	2/18440	1,67
41X41X2,5	2,5	3,13	0,48	3,16	0,19	4,54	0,27	2/0233	2,53	2/0234	2,66	-	-	-	-
41X41X2,5 D13	2,5	3,13	0,48	3,16	0,19	4,54	0,27	2/7388	2,53	☎	☎	-	-	-	-
P41 41X41X2	2	2,63	0,40	2,81	0,17	3,81	0,23	☎	☎			2/18080	2,02	2/18441	2,02

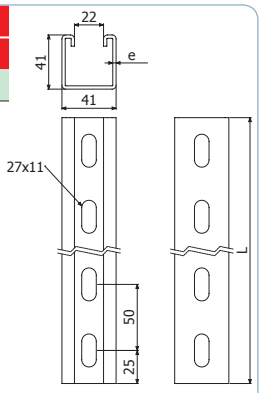


P41-3S 41X41X2

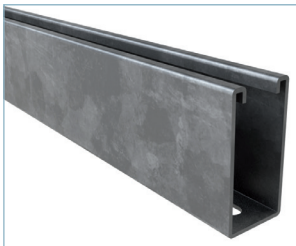


L = 3 m (10 ft)

	e	A		Wx		Wy		GS		GC	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/m
41X41X2-3S	2	2,20	0,34	2,27	0,14	3,08	0,19	2/17313	2,02	2/17312	2,217

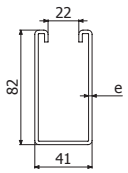


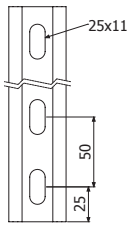
P41 41X82



L = 3 m (10 ft)

	e	A		Wx		Wy		GC	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m
P41 41X82X2,5	2,5	**5,26**	0,81	**9,76**	0,59	**8,3**	0,5	2/12102	4,44



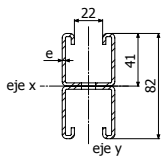


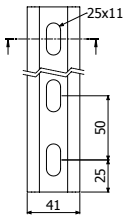
P41-D 41X82



L = 3 m (10 ft)

	e	A		Wx		Wy		GC		i304		i316	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/ud	REF.	kg/ud
P41-D 41X82X2,5	2,5	**6,37**	0,98	**9,49**	0,57	**9,11**	0,55	2/5573	5,31	-	-	-	-
P41-D 41X82X2	2	**5,25**	0,81	**7,96**	0,48	**7,63**	0,46	☎	☎	2/18081	4,04	2/18442	4,04

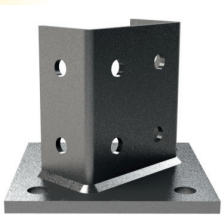




A


K41


K82


K82ME

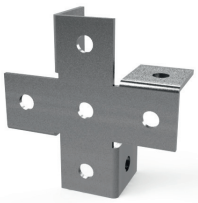

SB41


SBL41

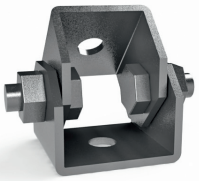

KA41


4182H

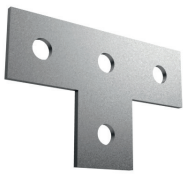
A

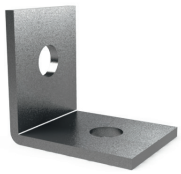

4182CR


4182TE


4182CV


4182A


4182B


4182C


4182CD


4182D


4182E


4182F


4182G

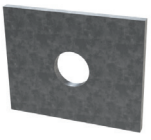

4182I


SB41

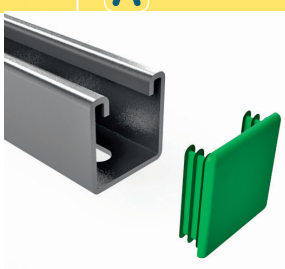

SBL41


4182H


4182J

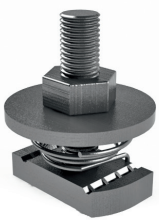

4182K

A


TF41

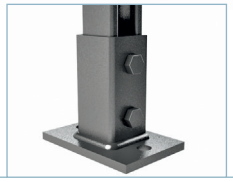

TM41


TAD


TEP

K41

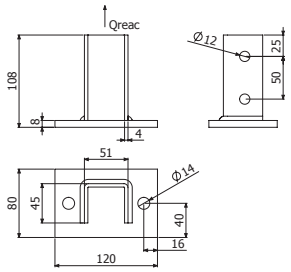




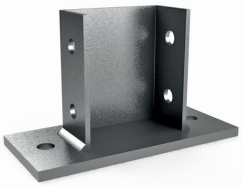


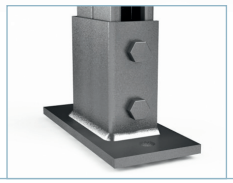
	Qreac	Pap	GC		i304		i316	
	kg	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
K41	700	40	2/5622	0,83	2/18082	0,80	2/18101	0,82

2 x DIN933 M10X30 (2/1754 -i304 / 2/17600-i316)) + 2 x TM41 M10 (2/17584 -GC / 2/18525-I304 / 2/17612-I316))



K82

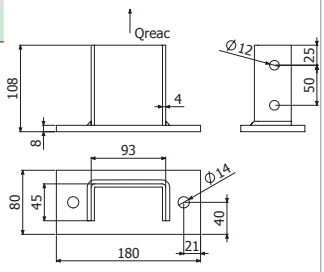




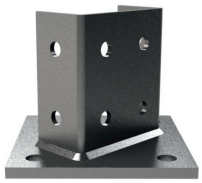


	Qreac	Pap	GC		i304		i316	
	kg	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
K82	1100	40	2/5574	1,44	2/18083	1,42	2/18102	1,42

4 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316)) + 4 x TM41 M10 (2/17584 -GC / 2/18525-I304 / 2/17612-I316))



K82ME

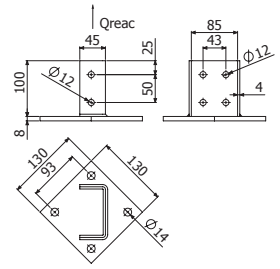




	Qreac	Pap	GC		i304		i316	
	kg	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
K82ME	1100	40	2/7020	1,57	2/18084	1,56	2/18103	1,42

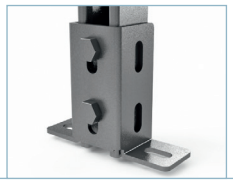
1x + + 2 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316)) + 2 x TM41 M10 (2/17584 -GC / 2/18525-I304 / 2/17612-I316)) +2/50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)

2x 4 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316)) + 4 x TM41 M10 (2/17584 -GC / 2/18525-I304 / 2/17612-I316))



SBL41



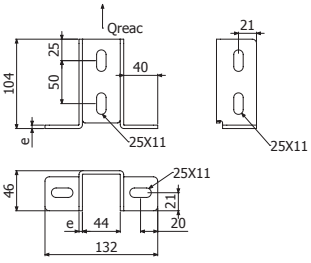




	Qreac	Pap	e	GS		GC		i304		i316	
	kg	N·m	mm	REF.	kg/m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SBL41	600	40	4	2/7058	0,40	2/6472	0,44	2/18085	0,40	2/18104	0,40

2 x DIN933 M10X30 ((2/17559-EZ / 2/17547-i304 / 2/17600-i316)) + 2 x TM41 M10 (2/17551-EZ / 2/17584-GC / 2/18525-I304 / 2/17612-I316))

2/50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)



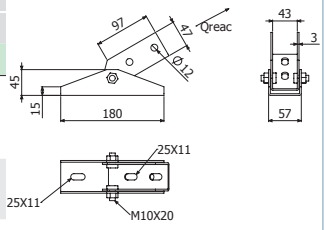
KA41

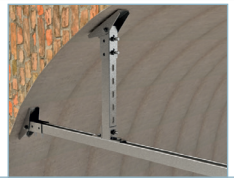


	Qreac	Pap	GC		i304		i316	
	kg	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
KA41	1000	40	2/6475	0,82	2/18086	0,81	2/18105	0,81

2 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316)) + 2 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)

2/50 x B3 (2/8827 -GC / 2/12096-I304 / 2/15575-I316))







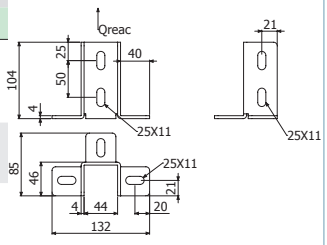
SB41

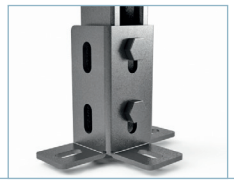


	Qreac	Pap	GC		i304		i316	
	kg	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SB41	700	40	2/6471	0,51	2/18087	0,50	2/18106	0,50

2 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316)) + 2 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)

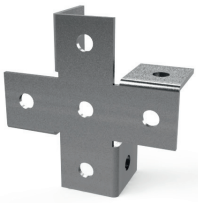
2/50 x B3 (2/8827 -GC / 2/12096-I304 / 2/15575-I316))







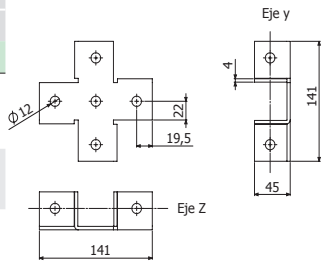
4182CR

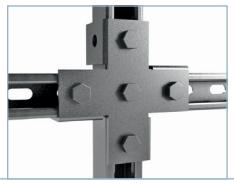


	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182CR	2/6473	0,56	2/18088	0,55	2/18107	0,55

5 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316)) + 5 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)

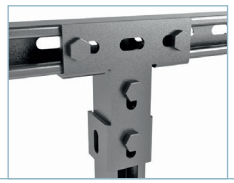
5/50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)





4182TE

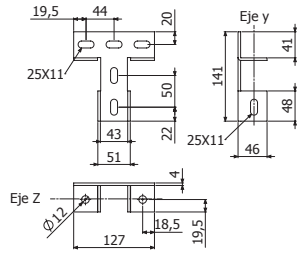




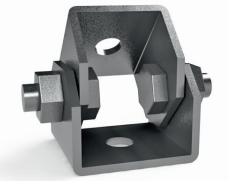
	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182TE	2/6474	0,51	2/18089	0,50	2/18108	0,50

4 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316) + 4 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)

4/50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)



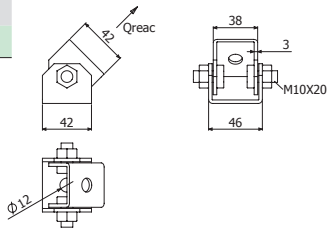
4182CV



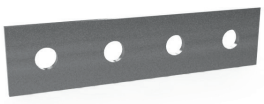


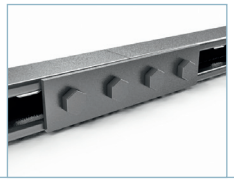
	Qreac	Pap	GC		i304		i316	
	kg	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182CV	500	20	2/6477	0,51	2/18090	0.50	2/18109	0.50

M8 & M10



4182A

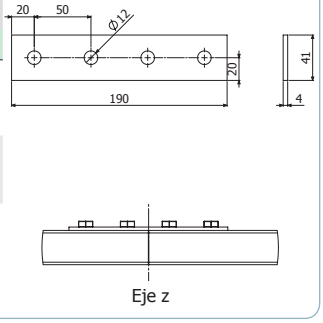




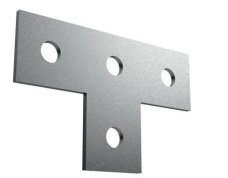
	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182A	2/6311	0,23	2/18091	0,22	2/18110	0,22

4 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316)) + 4 x TM41 M10 (2/17584-GC)

4/50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)



4182B

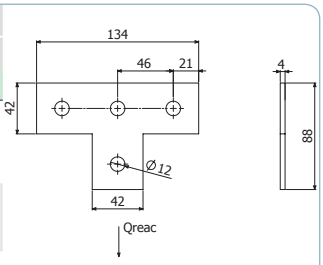




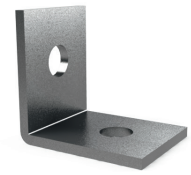
	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182B	2/6312	0,23	2/18092	0.22	2/18111	0.22

4 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316) + 4 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)

4/50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)



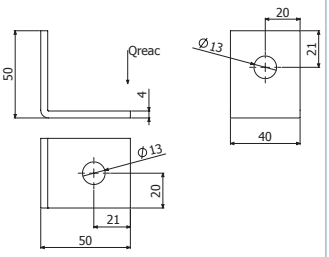
4182C

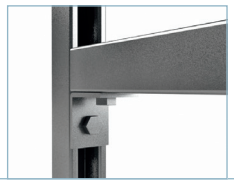


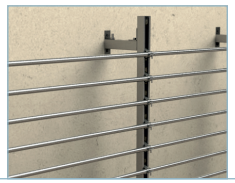
	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182C	2/6313	0,11	2/18093	0,11	2/18112	0,10

2 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316) + 2 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)

2/50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)







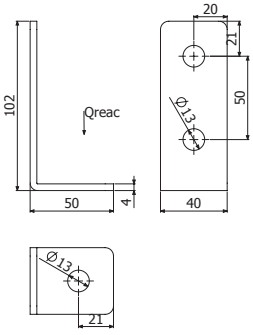
4182CD



	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182CD	2/7127	0,17	2/18094	0,16	2/18113	0,16

3 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316) + 3 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)

3/50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)





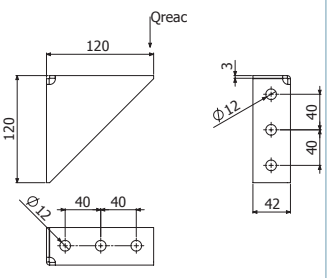
4182D



	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182D	2/6314	0,36	2/18095	0,35	2/18114	0,35

4 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316) + 4 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)

4/50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)



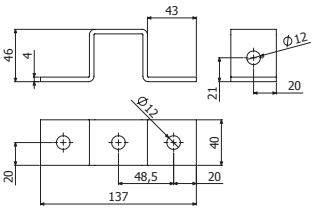


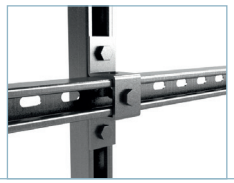
4182E

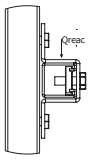


	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182E	2/6315	0,25	2/18096	0,24	2/18115	0,24

3 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316) + 3 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)





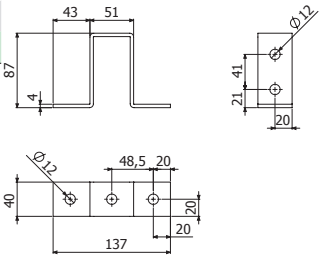


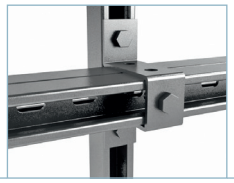
4182F

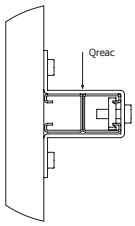


	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182F	2/6316	0,35	2/18097	0,34	2/18116	0,34

DIN933 M10X30 (2/17547-i304 / 2/17600-i316) + TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)







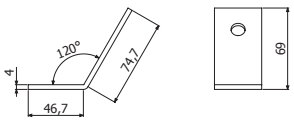
4182G

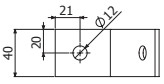


	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182G	2/6317	0,11	2/18098	0,11	2/18117	0,11

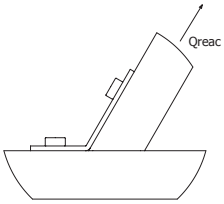
2 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316) + 2 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)

50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)









4182H

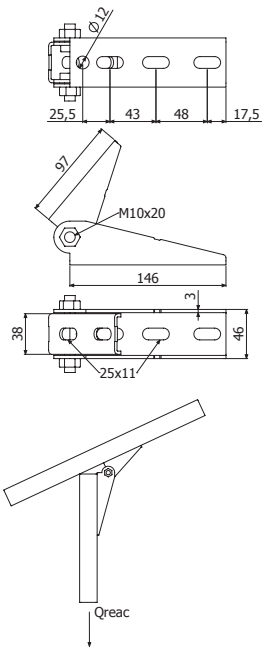


	Qreacc	Pap	GC		i304		i316	
	kg	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182H	800	40	2/6948	0,72	2/18099	0,71	2/18118	0,71

4 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316) + 4 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)

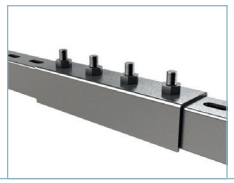
4/50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)





4182I

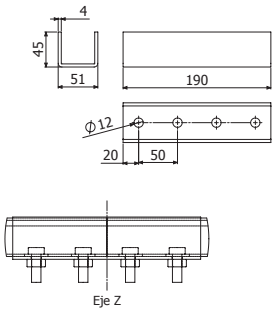




	Reducc	GC		i304		i316	
	Z	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182I	0%	2/7011	0,62	2/18100	0,58	2/18119	0,58

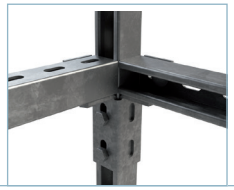
4 x DIN933 M10X30 (2/17547-i304 / 2/17600-i316) + 4 x TM41 M10 (2/17584-GC / 2/18525-I304 / 2/17612-I316)

4/50 x B3 (2/8827-GC / 2/12096-I304 / 2/15575-I316)

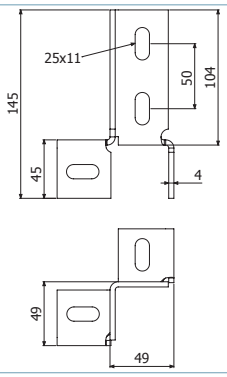


4182J

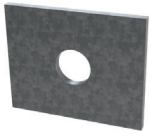


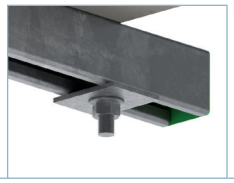


	GC	
	REF.	kg/ud
4182J	2/17315	0,43

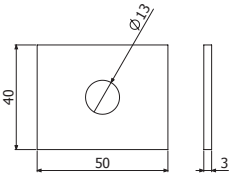


4182K



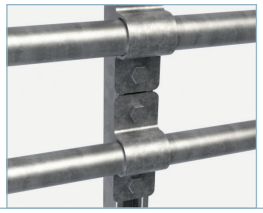


	GC	
	REF.	kg/ud
4182K	2/18515	0,05



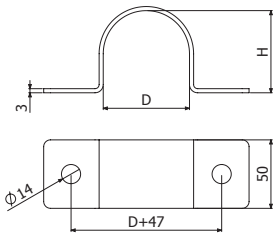
BCP



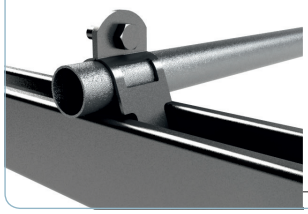


	D	H	GC	
	mm	mm	REF.	kg/ud
BCP 1/2"	24	21	2/9478	0,07
BCP 3/4"	30	26,5	2/9479	0,08
BCP 1"	36	33,5	2/9480	0,09
BCP 1 1/4"	45	42	2/9481	0,10
BCP 1 1/2"	51	48	2/9482	0,11
BCP 2"	63	60	2/9483	0,29
BCP 2 1/2"	76	72,7	2/17608	0,33
BCP 3"	93	88,5	2/9484	0,38
BCP 4"	117	114	2/9485	0,46

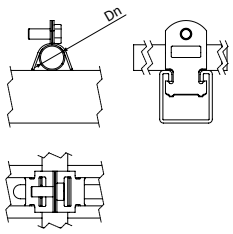
2 x DIN933 M10x30 i304 (2/17547) + 2 x TM41 M10 GC (2/17584)



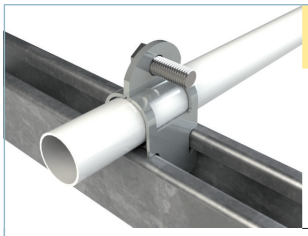
BFT



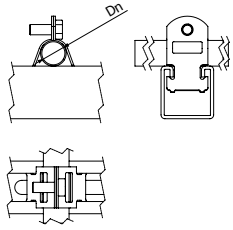
	Dn	e	GC	
	mm	mm	REF.	kg/ud
BFT 1/2"	21,3	1,5	2/14642	0,06
BFT 3/4"	25,4-26,9	1,5	2/14643	0,07
BFT 1"	32,8-33,4	1,5	2/14644	0,08
BFT 1 1/4"	41,3-42,4	2	2/14645	0,09
BFT 1 1/2"	47,6-48,3	2	2/14646	0,10
BFT 2"	60,3	2,5	2/14647	0,12
BFT 2 1/2"	69,9-73,0	2,5	2/14648	0,14
BFT 3"	84,0-88,9	2,5	2/14649	0,16
BFT 4"	111,1-115,3	2,5	2/14650	0,20



BFT



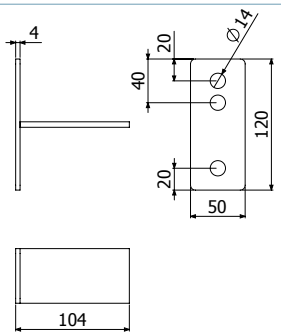
	Dn	e	EZ	
	mm	mm	REF.	kg/ud
BFT 20	20	1,5	2/6811	0,06
BFT 25	25	1,5	2/6812	0,07
BFT 32	32	1,5	2/6813	0,08
BFT 40	40	2	2/6814	0,09
BFT 50	50	2	2/6815	0,10



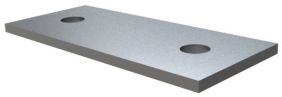
TSO



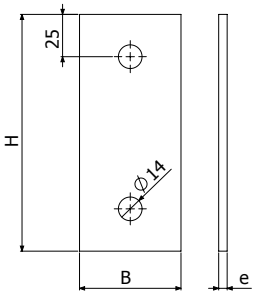
	e	GC	
	mm	REF.	kg/ud
TSO	4	2/6332	0,38



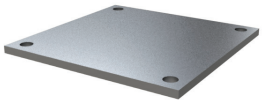
PSOS



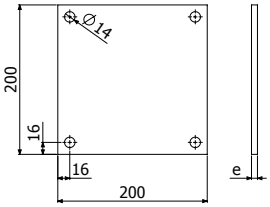
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
PSOS 60X140X5	60	2 3/8"	140	5 1/2"	5	2/7082	0,34
PSOS 80X180X8	80	3 1/7"	180	7"	8	2/1131	0,92



PSOM

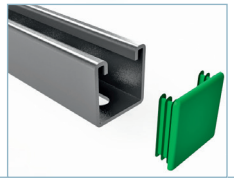


	e	GC	
	mm	REF.	kg/ud
PSOM 200X200X5	5	2/1155	1,60
PSOM 200X200X10	10	2/0245	3,20

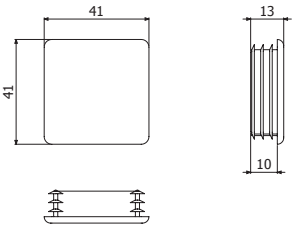


TF41





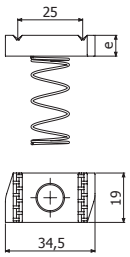
	PVC	
	REF.	kg/ud
TF41	2/5627	0,01



TM41



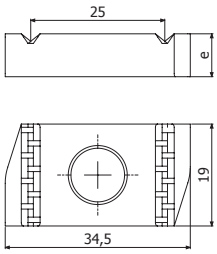
	e	Qtrac	Qcort	Pap	EZ		GC		i304		i316	
	mm	kg	kg	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TM41 M6	6	500	100	10	2/17556	0,02	2/8225	0,03	☎	☎	☎	☎
TM41 M8	6	600	240	25	2/17557	0,03	2/17583	0,03	2/18524	0,03	2/17611	0,03
TM41 M10	8	700	350	40	2/17551	0,04	2/17584	0,04	2/18525	0,06	2/17612	0,06



TAD



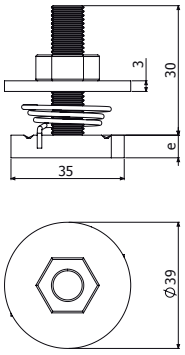
	e	Qtrac	Qcort	Pap	EZ	
	mm	kg	kg	N·m	REF.	kg/ud
TAD M8	6	600	240	8,4	2/17558	0,03
TAD M10	8	700	350	17	2/5543	0,03

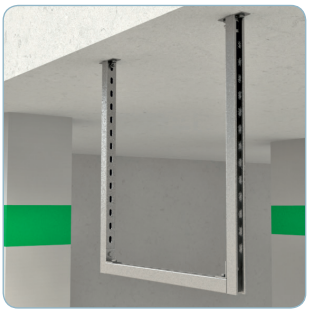


TEP



	e	Qtrac	Qcort	Pap	EZ	
	mm	kg	kg	N·m	REF.	kg/ud
TEP M10X30	8	700	350	17	2/17567	0,10







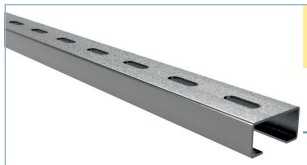


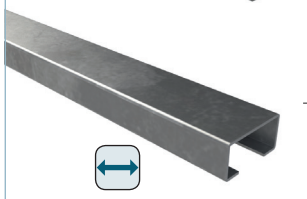






RA / CT

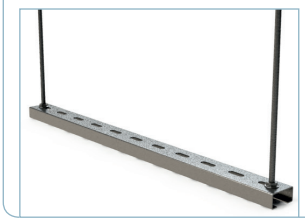


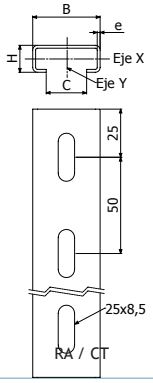


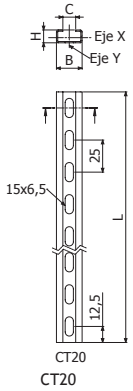
L = 2 -3 m (6,56 -10 ft)

	B	H	C	e	A	Wx	Wy	GS		GC	
	mm	mm	mm	mm	cm²	cm³	cm³	REF.	kg/m	REF.	kg/m
RA35	35	14	15	1,5	0,9	0,28	1,00	2/0237	0,79	2/0238	0,87
RA50	50	14	30	1,5	1,1	0,30	1,68	2/0239	0,99	2/0240	1,09
CT40	40	20	20	1,5	1,25	0,65	1,63	2/4471	0,99	2/0246	1,09
CT40 2M	40	20	20	1,5	1,25	0,65	1,63	2/5656	0,99		
CT20	20	10	10	1,0	0,38	0,09	0,25	2/0242	0,31	☎	☎
CT20 C	20	10	10	1,0	0,44	0,01	0,25	2/0241	0,35		

M6, M8

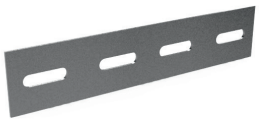






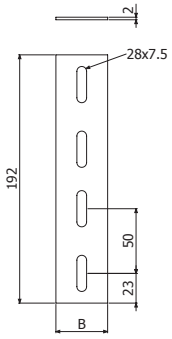
CT20

JURA

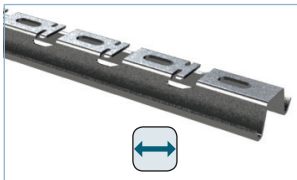


	B	GS		GC	
	mm	REF.	kg/ud	REF.	kg/ud
JURA 35	28	2/1122	0,07	2/1123	0,08
JURA 50	40	2/1124	0,11	2/3473	0,12

M6



C-SVO



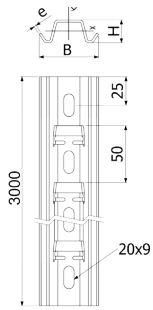
L = 3 m (10 ft)



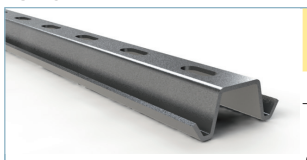
	B	H	e	GS		GC	
	mm	mm	mm	REF.	kg/m	REF.	kg/m
C-SVO	52	20	2	2/1101	1,20	2/7436	1,32

C-SVO

M6, M8



SVO

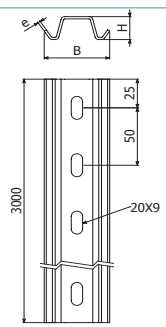


L = 3 m (10 ft)

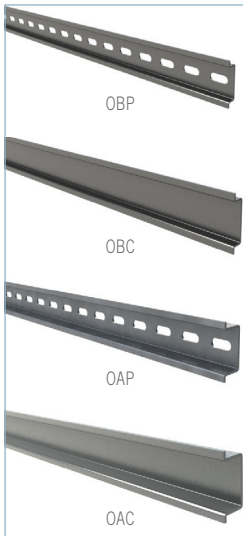
	B	H	e	i304	
	mm	mm	mm	REF.	kg/ud
SVO 3M	52	20	2	2/6415	1.20

C-SVO

M6, M8

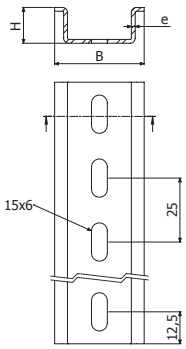


OBP / OBC / OAP / OAC

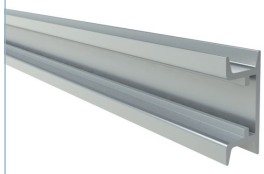


	e	B	H	GS	
	mm			REF.	kg/m
OBP	1	35	7	2/0248	0,37
OBC	1	35	7	2/7214	0,41
OAP	1,5	35	14	2/0250	0,69
OAC	1,5	35	14	2/7227	0,73

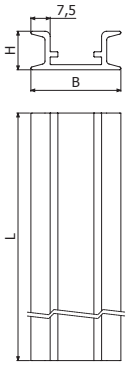
L = 2 m (6,7 ft)

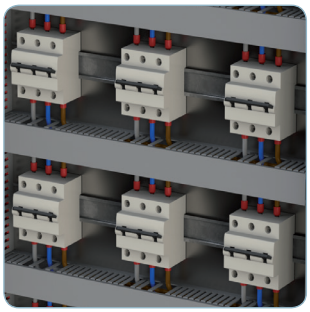


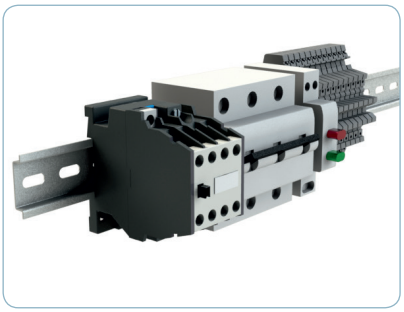
OR



	B		H		L		AL	
	mm	inch	mm	inch	m	ft	REF.	kg/m
OR 2M	**35**	1 3/8	**15**	3/5	**2**	**6,6**	2/9805	0,40
OR 3M	**35**	1 3/8	**15**	3/5	**3**	**10**	2/9806	0,40





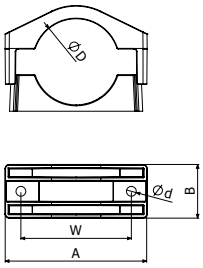


SE



	A mm	B mm	W mm	D mm	d mm	RM kN		PAFV REF.	PAFV Kg/ud
SE 15-26	77	45	50	15-26	10	20,0	✓	2/7282	0,07
SE 26-38	92	60	60	26-38	12	30,0	X	2/7283	0,14
SE 36-52	105	60	75	36-52	12	20,0	X	2/7284	0,15
SE 50-75	126	60	95	50-75	12	10,0	X	2/7285	0,18
SE 75-100	200	80	150	75-100	15	68,8	X	2/7286	0,61
SE 100-135	225	85	175	100-135	15	67,4	X	2/7287	0,92
SE 135-170	260	90	210	135-170	15	66,3	X	2/7288	1,23

RoHS✓ VO 120°C -40°C UNE-EN 61537

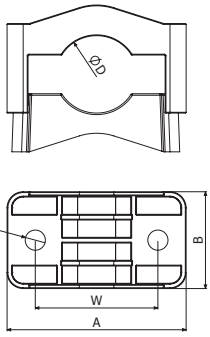


SEG



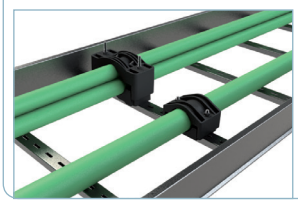
	A mm	B mm	W mm	D mm	d mm	RM kN		PAFV REF.	PAFV Kg/ud
SEG 26-50 PA	111	60	76	51	12,5	15	✓	2/8232	0,14
SEG 50-80 PA	135	60	100	81	12,5	15	✓	2/10019	0,17

RoHS✓ VO 120°C -40°C UNE-EN 61537



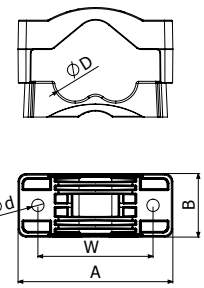
TRIPLE





	A mm	B mm	W mm	D mm	d mm	RM kN		PAFV REF.	PAFV Kg/ud
TRIPLE 27-38	180	75	125	3X 27-38	15	35,9	✓	2/7289	0,60
TRIPLE 38-51	195	80	145	3X 38-51	15	39,8	✓	2/7290	0,80
TRIPLE 51-69	220	85	170	3X 51-69	15	69,9	✓	2/7291	1,09
TRIPLE 69-90	252	90	215	3X 69-90	15	56,7	✓	2/7292	1,62
TRIPLE 90-118	321	100	270	3X 90-118	15	54,3	✓	2/7293	2,47
TRIPLE 118-150	400	110	340	3X 118-150	15	54,3	✓	2/7294	3,32

RoHS✓ VO 120°C -40°C UNE-EN 61537

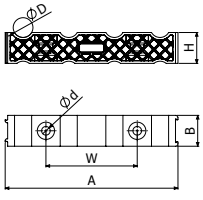


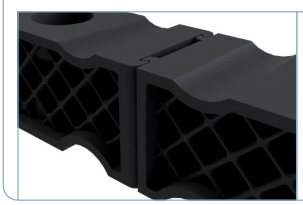
IM

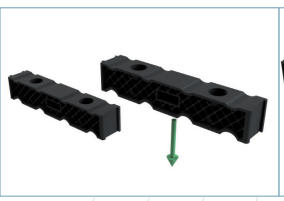


	A mm	B mm	H mm	W mm	D mm	d mm	RM kN		PAFV REF.	PAFV Kg/ud
IM 3X12-32	180	50	50	148	12-32	14	29,5	✓	2/7295	0,36
IM 4X32-48	345	50	50	170	32-48	15	29,5	✓	2/7296	0,47

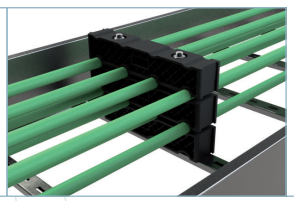
RoHS✓ VO 120°C -40°C UNE-EN 61537











DIN 976 & DIN 934

DIN976



DIN934

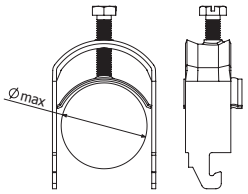
	i304	
	REF.	kg/ud
DIN976 M8X85	2/10246	0,03
DIN976 M10X100	2/10247	0,05
DIN976 M10X150	2/10248	0,07
DIN976 M12X150	2/10249	0,13
DIN976 M12X200	2/10250	0,17
DIN976 M12X250	2/10251	0,21
DIN976 M12X360	2/10252	0,30
DIN934 M8	2/17603	0,01
DIN934 M10	2/17602	0,01
DIN934 M12	2/17604	0,01

	VR min	VR max
SE 15-26	M8x85	M8x85
SE 26-38	M10x100	M10x100
SE 36-52	M10x100	M10x100
SE 50-75	M10x100	M10x150
SE 75-100	M12x150	M12x150
SE 100-135	M12x150	M12x200
SE 135-170	M12x200	M12x250
SEG 26-50	M10x100	M10x150
SEG 50-80	M10x150	M10x150
TRIPLE 27-38	M12x150	M12x150
TRIPLE 38-51	M12x150	M12x200
TRIPLE 51-69	M12x150	M12x200
TRIPLE 69-90	M12x200	M12x250
TRIPLE 90-118	M12x250	M12x360
TRIPLE 118-150	M12x250	M12x360
IM 3X12-32	M12x150	M12x150
IM 4X32-48	M12x200	M12x200

SE41



	Ø max	e	GC	
	mm	mm	REF.	kg/ud
SE41 6-12	6-12	1,5	2/7352	0,03
SE41 12-16	12-16	1,5	2/7353	0,03
SE41 16-20	16-20	1,5	2/7354	0,04
SE41 20-24	20-24	1,5	2/7355	0,04
SE41 24-28	24-28	1,5	2/7356	0,05
SE41 28-32	28-32	1,5	2/7357	0,06
SE41 32-36	32-36	1,5	2/7358	0,07
SE41 63-40	36-40	1,5	2/7359	0,08
SE41 40-44	40-44	1,5	2/7360	0,11
SE41 44-48	44-48	1,5	2/7361	0,12
SE41 48-52	48-52	1,5	2/7362	0,14
SE41 52-56	52-56	1,5	2/7363	0,16
SE41 56-60	56-60	1,5	2/7364	0,18
SE41 60-64	60-64	1,5	2/7365	0,20
SE41 64-70	64-70	1,5	2/7366	0,22
SE41 70-76	70-76	1,5	2/7367	0,24
SE41 76-82	76-82	1,5	2/7368	0,25
SE41 82-88	82-88	1,5	2/7369	0,26
SE41 88-94	88-94	1,5	2/7370	0,28
SE41 94-100	94-100	1,5	2/7371	0,30

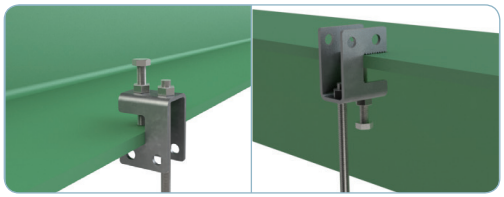


GV2

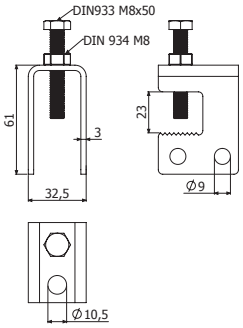


	GS		i304	
	REF.	kg/ud	REF.	kg/ud
GV2	2/15501	0,15	2/18642	0,13

M8 & M10



95 Kg

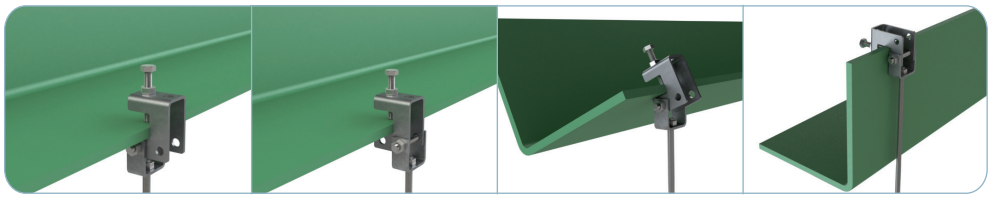


GVV2

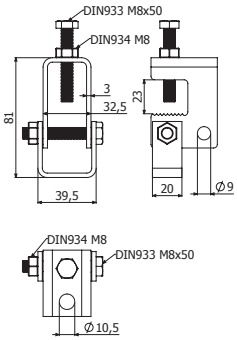


	GS	
	REF.	kg/ud
GVV2	2/7073	0,30

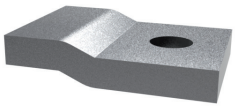
M8 & M10



200 Kg 95 Kg 80 Kg 200 Kg



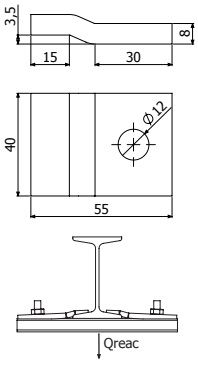
BRP



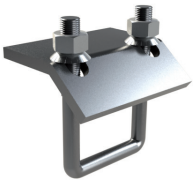
	Emax	Qreac	GC	
	mm	kg	REF.	kg/ud
BRP	5	1000	2/5624	0,17

M10

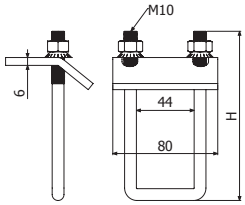


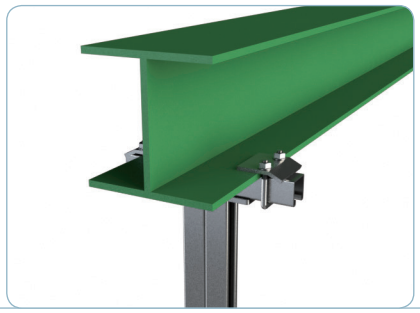


BCA



	Emax	Pap	H	GC		i304		i316	
	mm	Nm	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
BCA 41X41	20	17,5	90	2/8809	0,39	2/18513	0,39	2/18539	0,39
BCA 41X82	20	17,5	130	2/8810	0,42	2/18512	0,42	2/18540	0,42





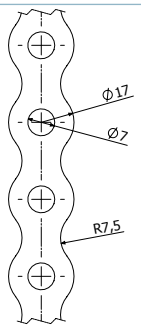


CSJ



	AL		GS		i430	
	REF.	kg/m	REF.	kg/ud	REF.	kg/m
CSJ	2/3461	0,04	2/4291	0,11	2/3462	0,10

M6



BVL

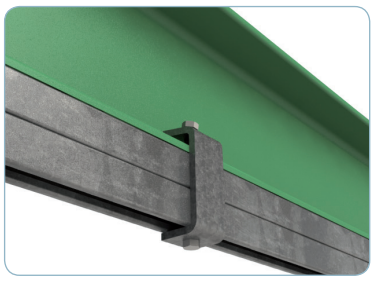


BVL41

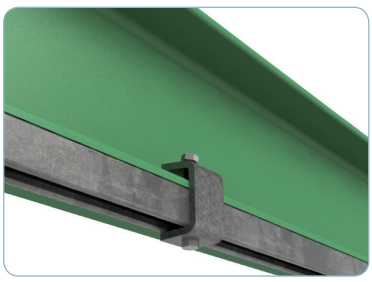


BVL82

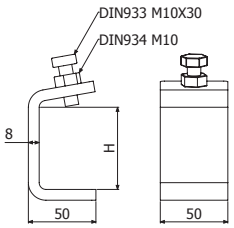
	H	GC	
	mm	REF.	kg/ud
BVL41	60	2/11230	0,50
BVL82	100	2/11231	0,63



BVL41 + 41X41



BVL82 + 41X82



DIN976 & MVR

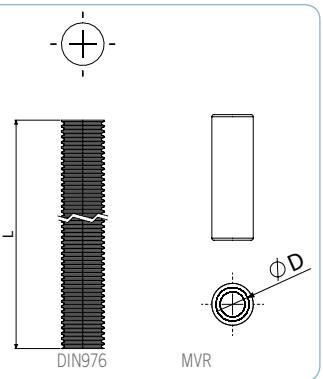


DIN976



MVR

	L	Qtrac	EZ		i304	
		kg	REF.	kg/ud	REF.	kg/ud
DIN976 M6X1000	1000	400	2/17562	0,32	☎	☎
DIN976 M8X1000	1000	800	2/3397	0,35	2/6852	0,35
DIN976 M10X1000	1000	1400	2/5535	0,59	2/10018	0,59
DIN976 M12X1000	1000	2500	2/6502	0,87	☎	☎
MVR M6		-	2/6323	0,03		
MVR M8		-	2/4462	0,04	2/7402	0,03



DIN976 MVR

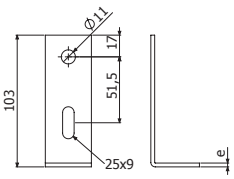
SBL

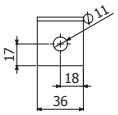




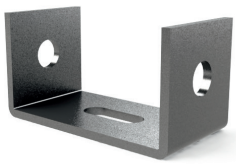
	e	GS		GC		e	i304	
		REF.	kg/ud	REF.	kg/ud		REF.	kg/ud
SBL	3	2/0351	0,11	2/0361	0,12	2	2/0371	0,07

M8 & M10





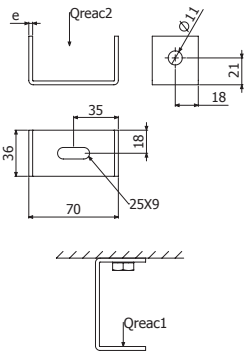
SBC





	Qreac 1	Qreac 2	e	GS		GC		e	i304	
	kg	kg		REF.	kg/ud	REF.	kg/ud		REF.	kg/ud
SBC	40	40	3	2/0352	0,11	2/0362	0,12	2	2/0372	0,07

M8 & M10



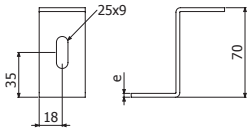
SBZ

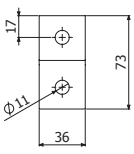


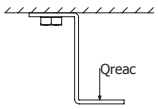


	Qreac	e	GS		GC		e	i304	
	kg		REF.	kg/ud	REF.	kg/ud		REF.	kg/ud
SBZ	35	3	2/0354	0,11	2/0364	0,12	2	2/0374	0,07

M8 & M10



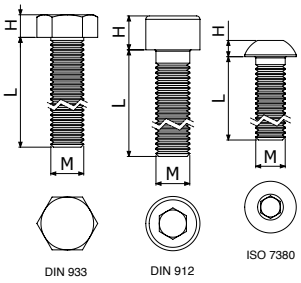




DIN933 / DIN912 / ISO7380



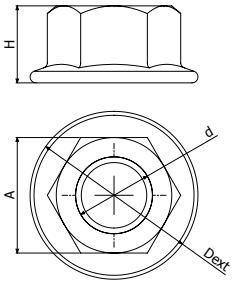
	UVM	UVE	P	M	L	H	EZ		i304		i316	
	ud	ud	Nm	mm	mm	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
DIN933 M10X30	100	100	35	10	30	6,6	2/17559	0,03	2/17547	0,03	2/17600	0,03
DIN933 M10X20	100	100	35	10	20	6,6	2/17563	0,03	2/17578	0,03		
DIN933 M8X70	100	100	15	8	70	6,9	2/17564	0,03				
DIN933 M8X55	100	100	15	8	55	5,4	2/17566	0,03	☎	☎		
DIN933 M8X25	100	100	15	8	25	5,4	2/17545	0,03				
DIN933 M8X20	100	100	15	8	20	5,4	☎	☎	2/17546	0,03		
DIN933 M6X25	100	100	8	6	25	4,1	2/5545	0,02	2/17549	0,02		
DIN933 M6X20	100	100	8	6	20	4,1	2/17548	0,02	☎	☎	☎	☎
DIN912 M10X30	100	100	35	10	30	10	☎	☎	2/17609	0,03		
DIN912 M8X70	100	100	15	8	70	8	2/17580	0,05	2/17581	0,05		
DIN912 M8X55	100	100	15	8	55	8	2/17577	0,04	2/17579	0,04		
ISO7380 M10X40	100	100			40	5,9	☎	☎	2/18514	0,02		
ISO7380 M8X30	100	100	15	8	30	4,4			2/17585	0,02		
ISO7380 M6X25	100	100	8	6	25	3,3	2/17582	0,02	2/17601	0,02		



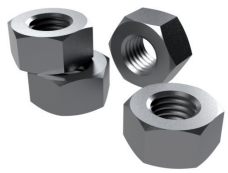
DIN6923



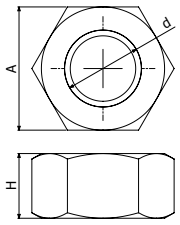
	d	Dext	A	H	EZ		i304	
		mm	mm	mm	REF.	kg/ud	REF.	kg/ud
DIN6923 M6	M6	14	10	6	2/17552	0,01	2/17554	0,01
DIN6923 M8	M8	18	13	8	2/17553	0,01	2/17555	0,01



DIN934



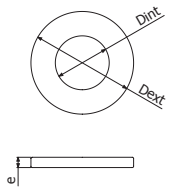
	d	A	H	EZ		i304	
		mm	mm	REF.	kg/ud	REF.	kg/ud
DIN934 M6	M6	10	4,8	2/17605	0,01	2/5539	0,01
DIN934 M8	M8	13	6,2	2/17606	0,01	2/17603	0,01
DIN934 M10	M10	17	7,7	2/17607	0,01	2/17602	0,01
DIN934 M12	M12	19	9,7	☎	☎	2/17604	0,01



DIN125



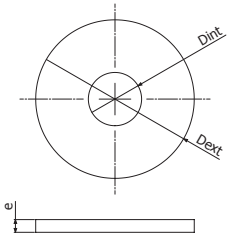
	Dint	Dext	e	EZ		i304	
	mm	mm	mm	REF.	kg/ud	REF.	kg/ud
DIN125 M6	6,4	12	1,6	2/17565	0,01	☎	☎
DIN125 M8	8,4	16	1,6	2/17541	0,01	2/17544	0,01
DIN125 M10	10,5	20	2	2/17561	0,01	2/17542	0,01
DIN125 M12	13	24	2,5	☎	☎	2/17560	0,01



DIN9021



	Dint	Dext	e	EZ		i304	
	mm	mm	mm	REF.	kg/ud	REF.	kg/ud
DIN9021 M6	6,4	18	1,6	2/7023	0,01	2/7022	0,01
DIN9021 M8	8,4	25	2	2/7021	0,01	2/17543	0,01

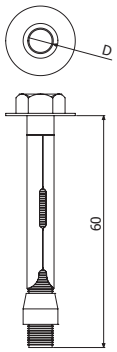


CCM



	M	L	Qtrac	EZ	
	mm	mm	kg	REF.	kg/ud
CCM M6X60	6	60	180	2/6419	0,03
CCM M8X60	8	60	225	2/6420	0,04

↓ 65mm, Ø 8mm (CCM 6X60) / Ø10mm (CCM 8x60)

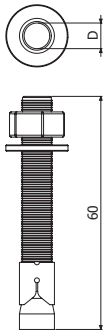


SCM



	D	L	Qtrac	EZ	
	mm	mm	kg	REF.	kg/ud
SCM M10X75	10	75	340	2/4672	0,05
SCM M12X80	12	80	780	2/6258	0,08

↓ 62mm (SCM 10x75) - ↓ 72mm (SCM 12x80), Ø 10mm (SCM 10X75) / Ø12mm → (SCM 12x80)

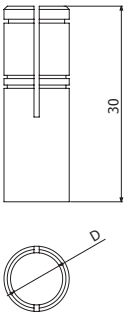


CM

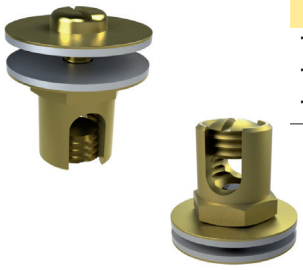


	D	M	Qtrac	EZ	
	mm		kg	REF.	kg/ud
CM M6X30	8	6	280	2/6468	0,01
CM M8X30	10	8	370	2/6469	0,01

↓ 32mm - Ø 8mm (CM 6x30) / ↓ 33mm - Ø 10mm (CM8x30)

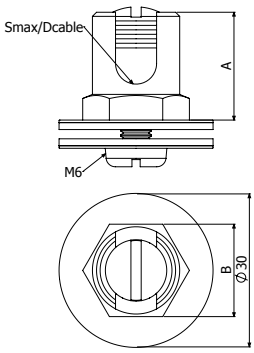


TT / TTL

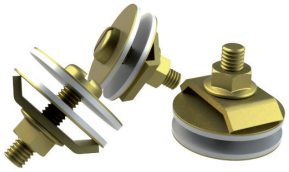


TT

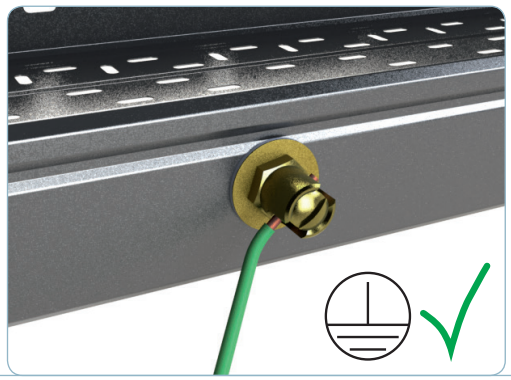
	Smin	Smax	Dcable	A	B	LTN	
	mm²	mm²	mm	mm	mm	REF.	kg/ud
TT 10-35	-	35	4 a 8	22	18	2/6796	0,04
TT 35-95	-	95	8 a 13	30	24	2/6797	0,07
TTL 10-35	10	35	4 a 8	25	-	2/8189	0,03

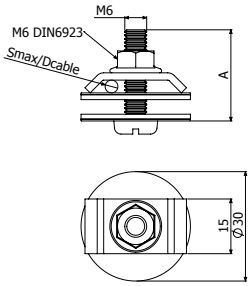


TT



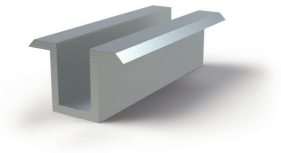
TTL



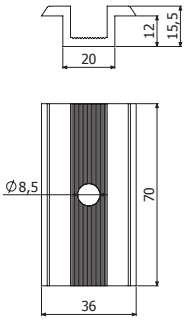


TTL

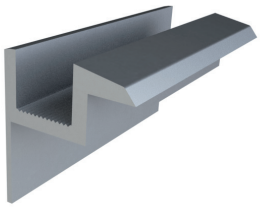
FPSC



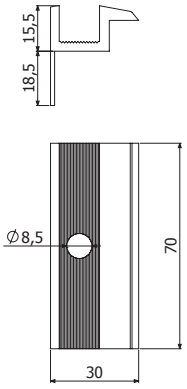
	AL	
	REF.	kg/ud
FPSC	2/6794	0,06



FPSL



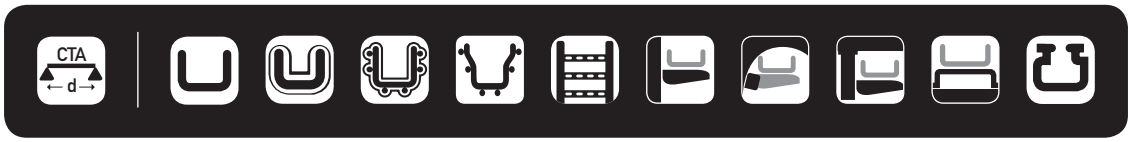
	AL	
	REF.	kg/ud
FPSL	2/6795	0,03



BEBasor

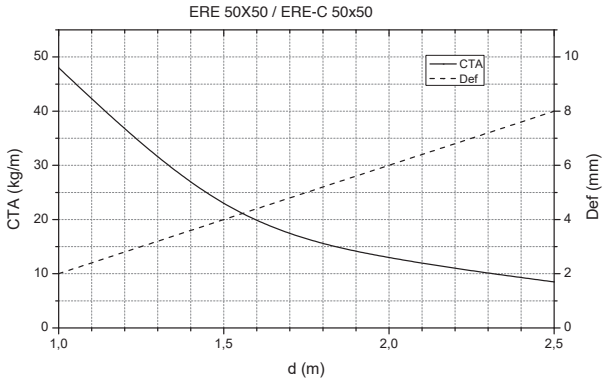
CABLE TRAY SPECIALIST





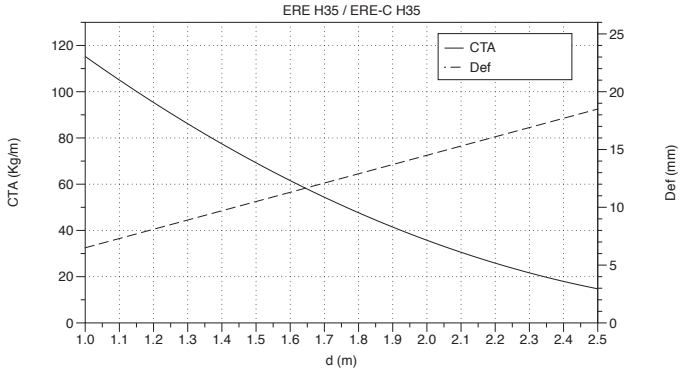


ERE 50X50 / ERE-C 50x50 (UNE-EN 61537)

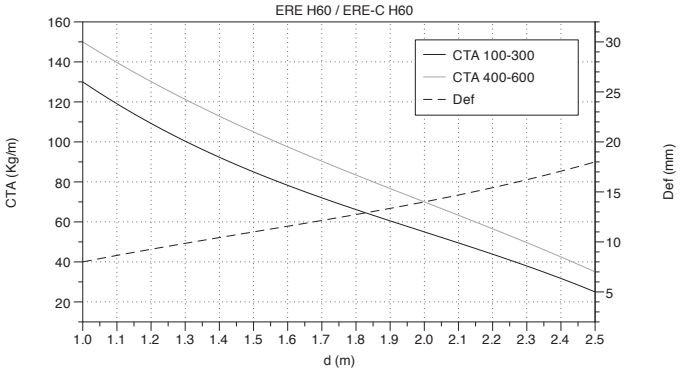


ERE / ERE-C (UNE-EN 61537)

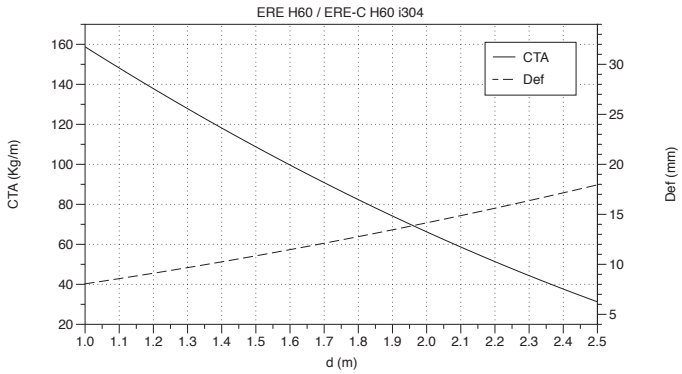
ERE H35 / ERE-C H35



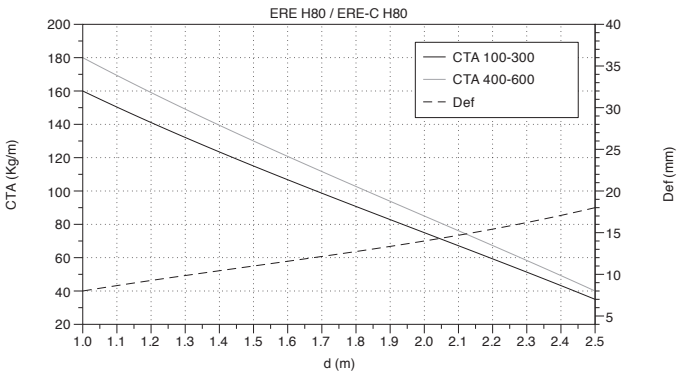
ERE H60 / ERE-C H60



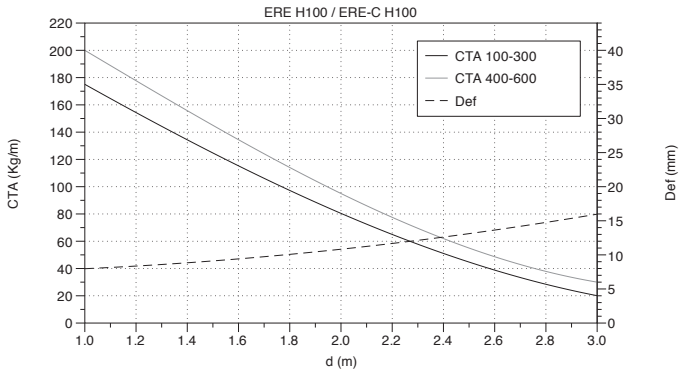
ERE H60 / ERE-C H60 i304



ERE H80 / ERE-C H80



ERE H100 / ERE-C H100

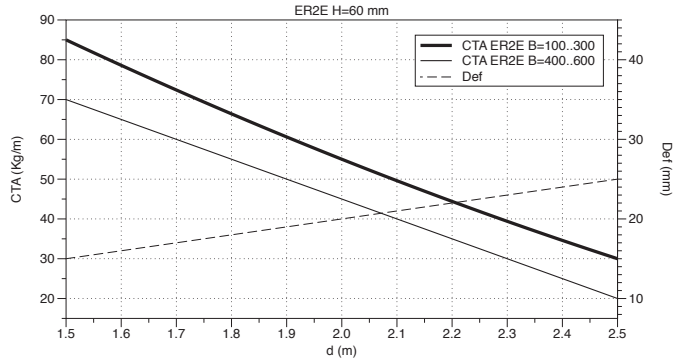


ERE / ERE-C (NEMA VE1)

ERE NEMA - GS/GC	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
ERE H35	19,2 (12,9)	7,5 (5,0)	-	-
ERE H60	111,5 (74,9)	43,6 (29,3)	5A	8AA
ERE H80	80,8 (54,3)	31,5 (21,2)	5A	-
ERE H100	111,5 (74,9)	43,6 (29,3)	5A	8AA

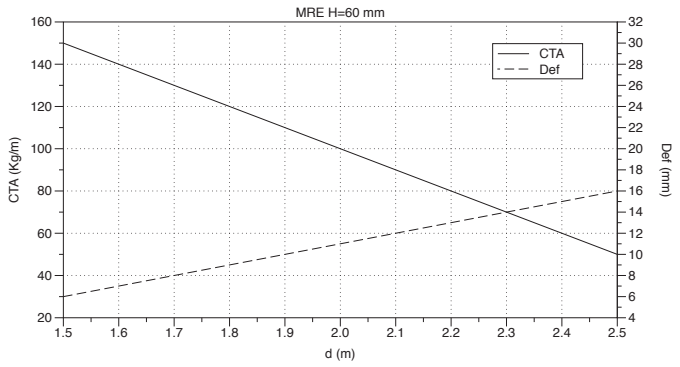
ERE NEMA - i304/i316	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
ERE 100-300x35	23,1 (15,5)	9,0 (6,1)	-	-
ERE 100-600x60	73,1 (49,1)	28,5 (19,2)	5AA	-
ERE 100-600x85	130,8 (87,9)	51,1 (34,3)	5B	8AA
ERE 100-600x100	138,4 (93,0)	54,1 (36,3)	5B	8AA

ER2E (UNE-EN 61537)

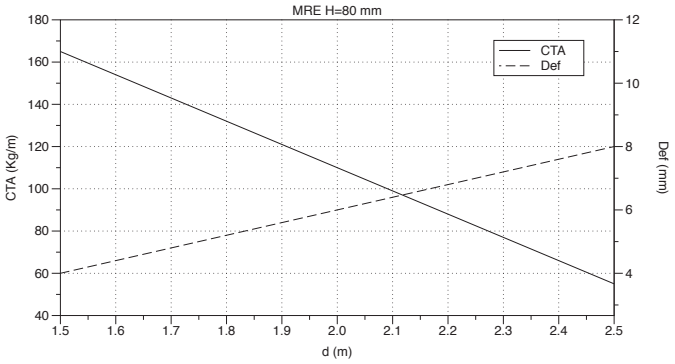


MRE (UNE-EN 61537)

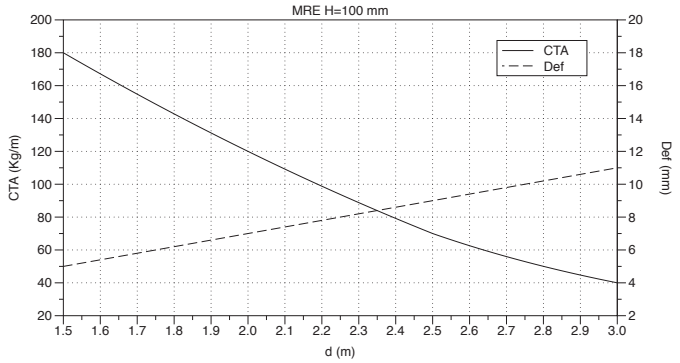
MRE H60



MRE H80



MRE H100



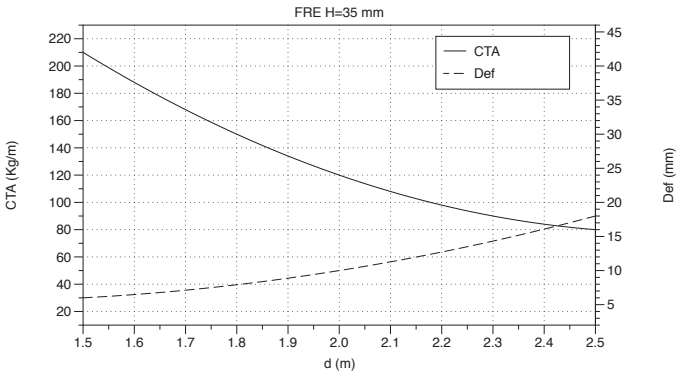
MRE (NEMA VE1)

MRE NEMA - GS/GC	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
MRE H60	115,4 (77,6)	45,1 (30,3)	5B	8AA
MRE H80	215,3 (144,7)	84,1 (56,5)	5C	8A
MRE H100	230,7 (155)	90,1 (60,5)	5C	8A

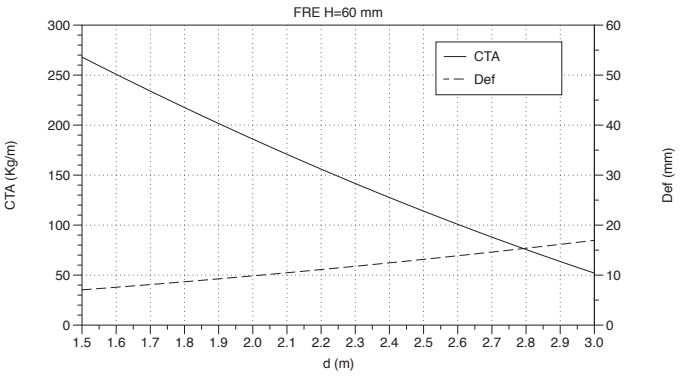
MRE NEMA - i304/i316	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
MRE H60	138,4 (93)	54,1 (36,4)	5B	8AA
MRE H80	265,3 (178,3)	103,6 (69,62)	5C	8A
MRE H100	349,9 (235,1)	136,7 (91,9)	5C	8B

FRE (UNE-EN 61537)

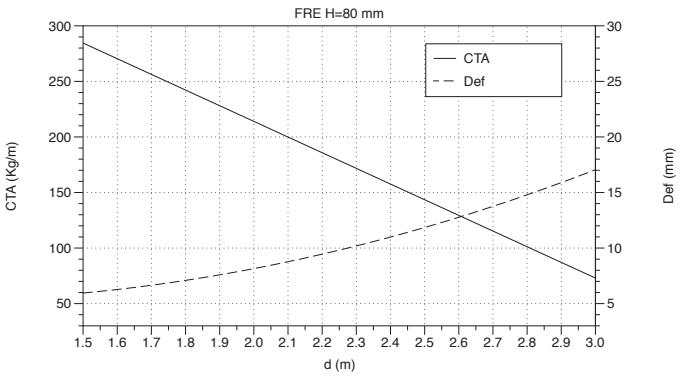
FRE H35



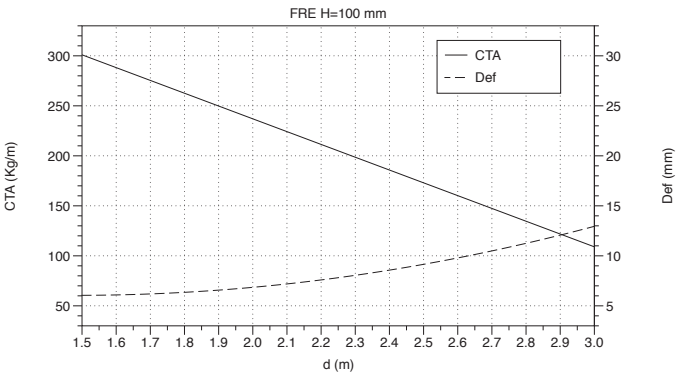
FRE H60



FRE H80



FRE H100

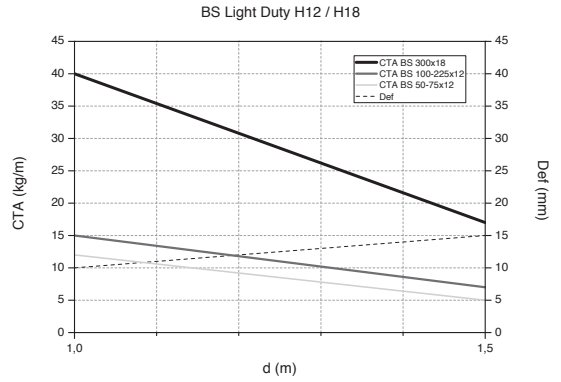


FRE (NEMA VE1)

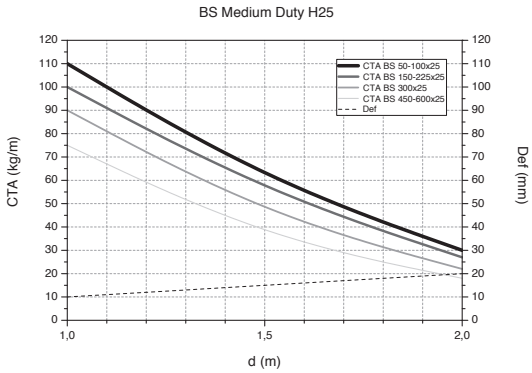
FRE NEMA - GS/GC	CTA kg/m (lb)ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
FRE H35	111,5 (74,9)	43,6 (29,3)	5A	8AA
FRE H60	515,3 (346,3)	201,3 (135,3)	5C	8C
FRE H80	-	467,2 (313,9)	-	8C+
FRE H100	-	467,2 (313,9)	-	8C+

BS (UNE-EN 61537)

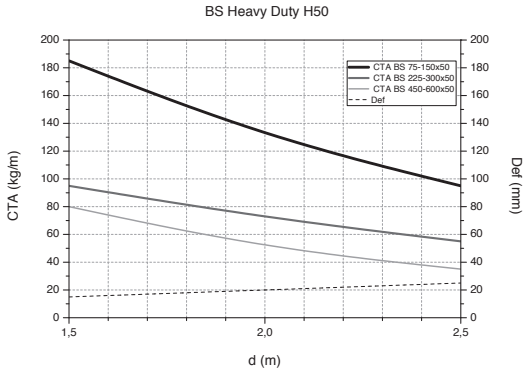
BS Light Duty H12 / H18



BS Medium Duty H25

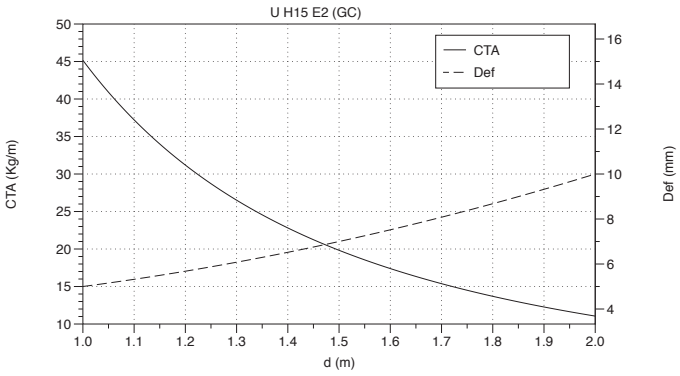


BS Heavy Duty H50

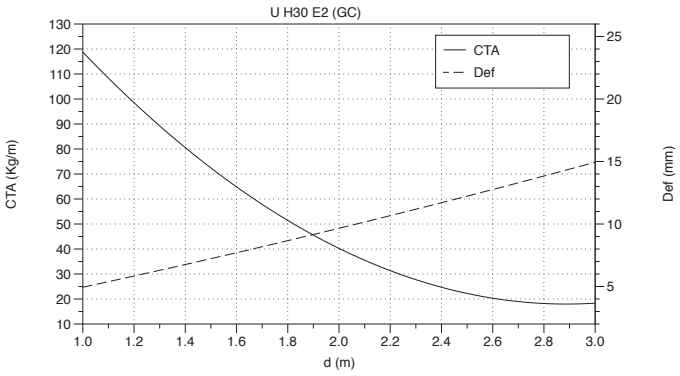


U (UNE-EN 61537)

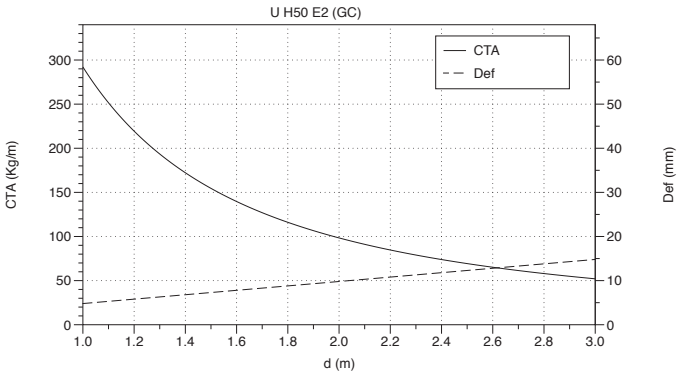
U H15 E2 (GC)



U H30 E2 (GC)

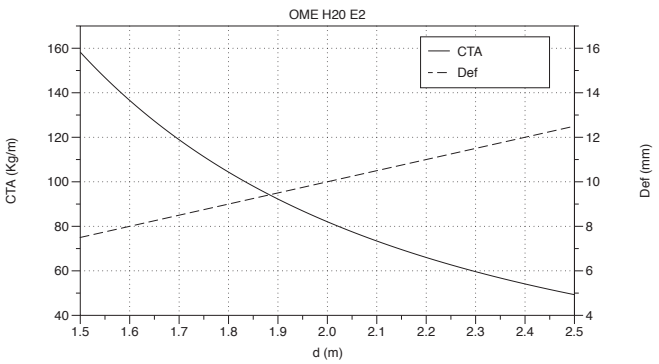


U H50 E2 (GC)

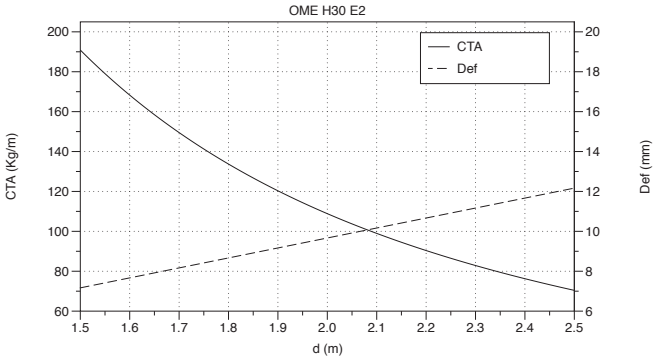


OME (UNE-EN 61537)

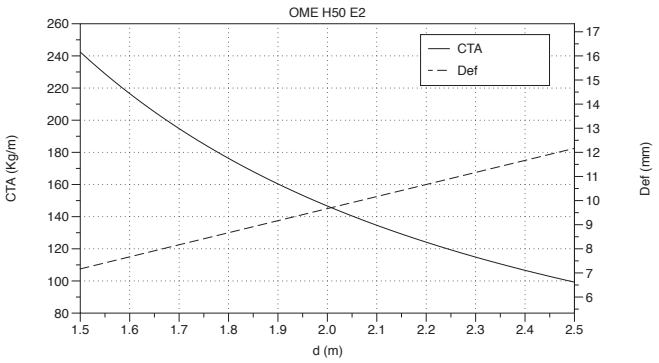
OME H20 E2



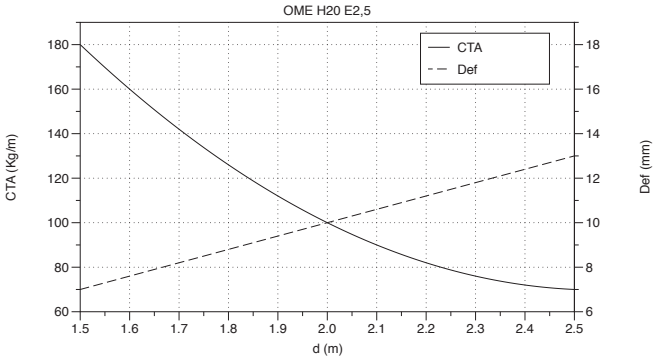
OME H30 E2



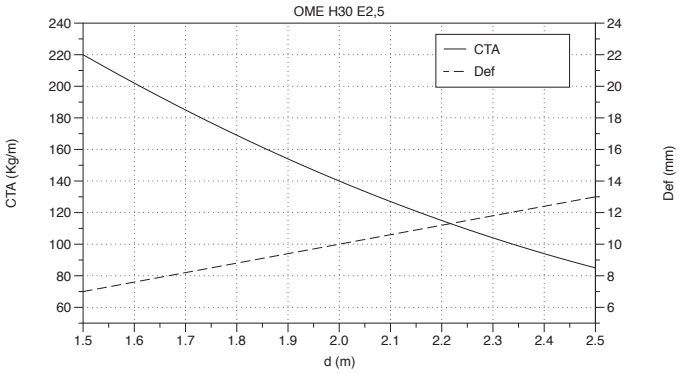
OME H50 E2



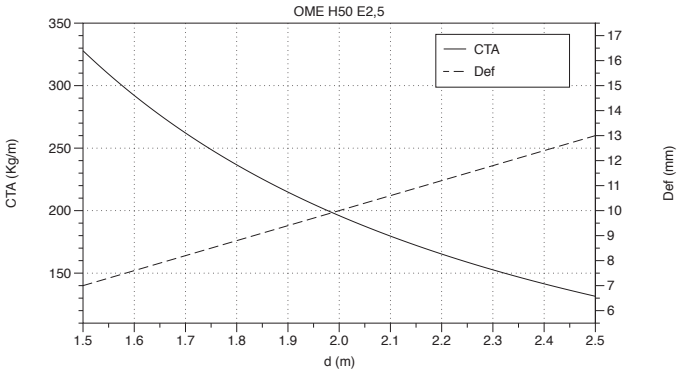
OME H20 E2,5



OME H30 E2,5

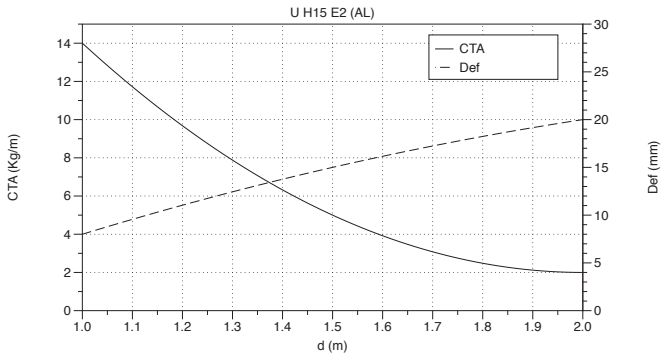


OME H50 E2,5

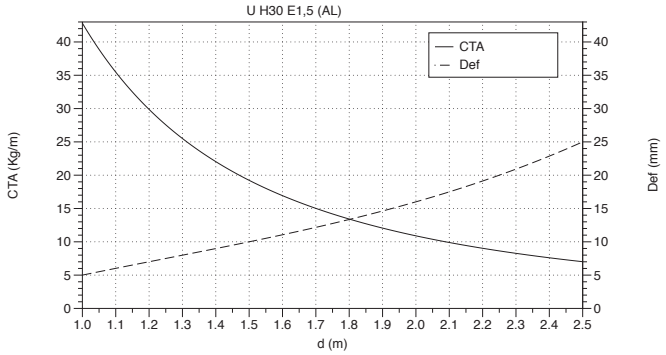


U - AL (UNE-EN 61537)

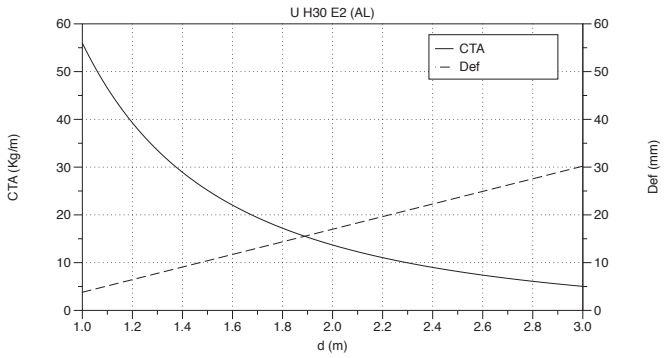
U H15 E2 (AL)



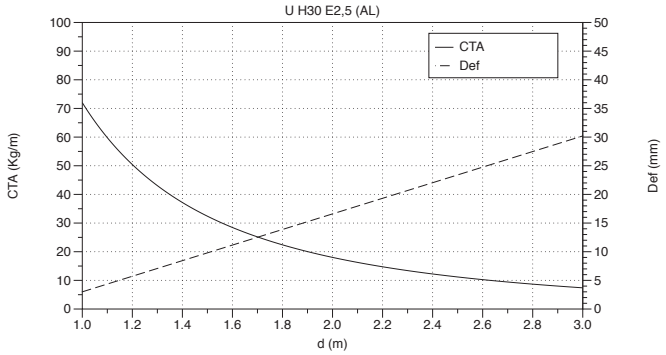
U H30 E1,5 (AL)



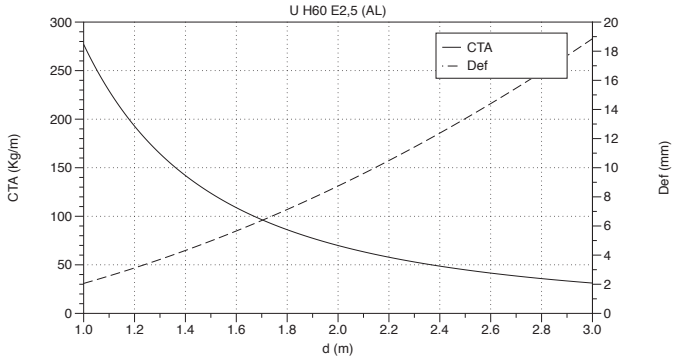
U H30 E2 (AL)



U H30 E2,5 (AL)

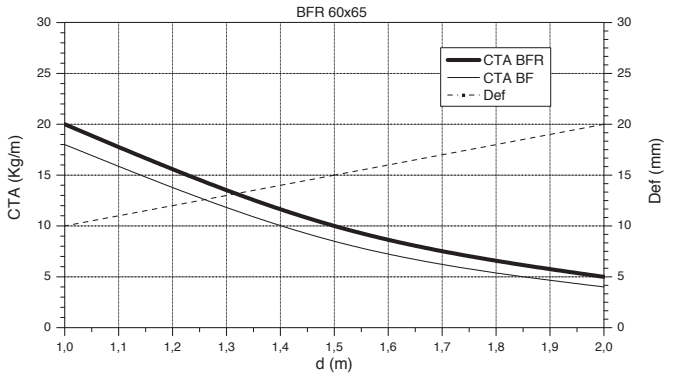


U H60 E2,5 (AL)

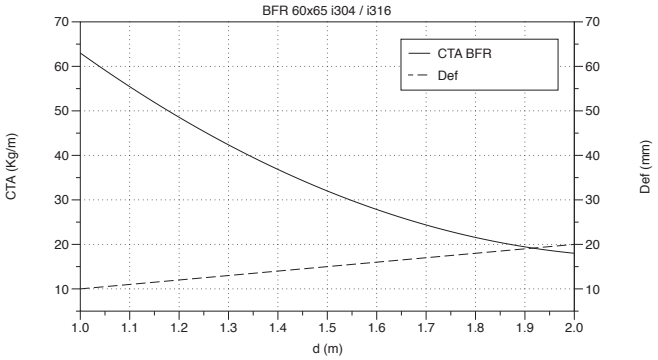


BFR (UNE-EN 61537)

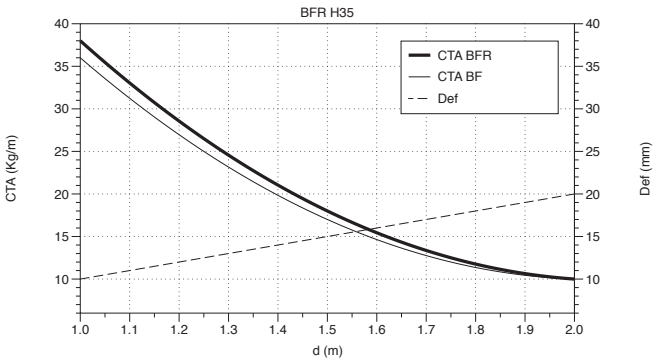
BFR 60x65



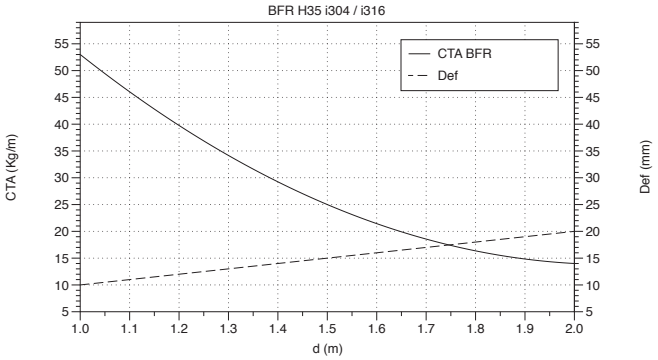
BFR 60x65 i304 / i316



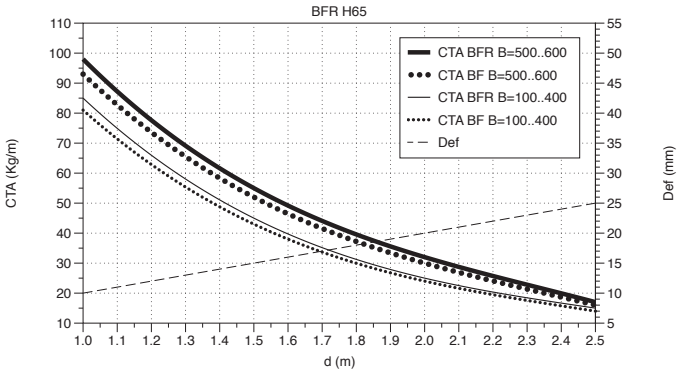
BFR H35



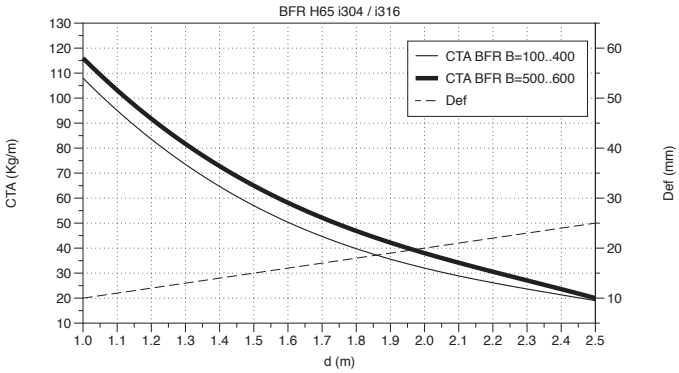
BFR H35 i304 / i316



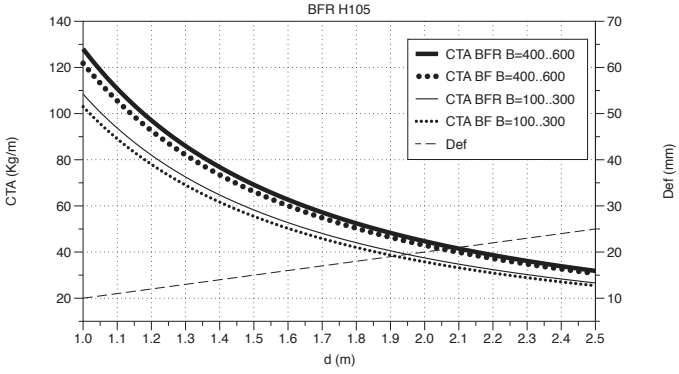
BFR H65



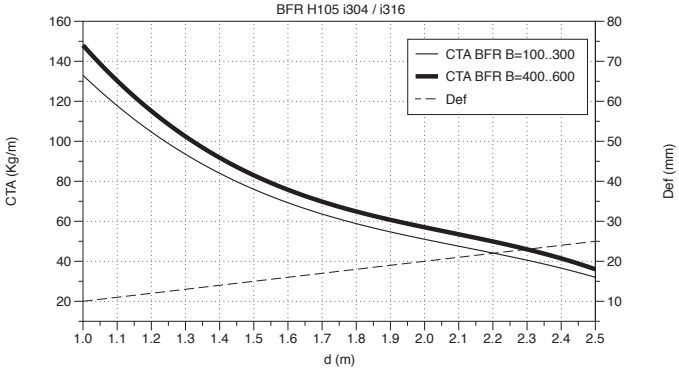
BFR H65 i304 / i316



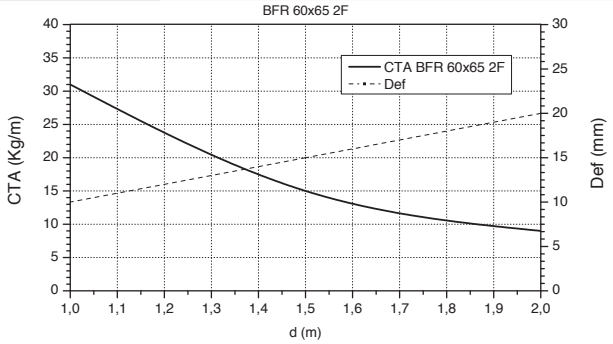
BFR H105



BFR H105 i304 / i316



BFR-2F 60x65 (UNE-EN 61537)



BFR (ANCE NMX-J-511)

EZ / HDG

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
BFR 100x35	22,3	15,5	5AA	-
BFR 150x35	22,3	15,5	5AA	-
BFR 200x35	22,3	15,5	5AA	-
BFR 300x35	28,4	19,7	5AA	6AA
BFR 60x65	12,5	8,7	-	-
BFR 100x65	28,4	19,7	5AA	6AA
BFR 150x65	31,7	22	5AA	6AA
BFR 200x65	47,6	33,1	5BB	6AA
BFR 300x65	57,1	39,6	5BB	6BB
BFR 400x65	69,9	48,5	5BB	6BB
BFR 500x65	63,5	44,1	5BB	6BB
BFR 600x65	79,4	55,1	5BB	6BB
BFR 200x105	72,2	50,1	5BB	6BB
BFR 300x105	76	52,8	5BB	6BB
BFR 400x105	111,1	77,2	5BB	6A
BFR 500X105	107,8	74,8	5BB	6A
BFR 600x105	117,5	81,6	5BB	6A

i304 / i316

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
BFR 100x35	18,9	13,2	5AA	-
BFR 150x35	22,3	15,5	5AA	-
BFR 200x35	22,3	15,5	5AA	-
BFR 60x65	12,8	8,9	-	-
BFR 100x65	28,7	19,9	5AA	6AA
BFR 150x65	25,3	17,6	5AA	-
BFR 200x65	44,5	30,9	5BB	6AA
BFR 300x65	54	37,5	5BB	6BB
BFR 400x65	60,2	41,8	5BB	6BB
BFR 500x65	57,1	39,6	5BB	6BB
BFR 600x65	54	37,5	5BB	6BB
BFR 200x105	73	50,7	5BB	6BB
BFR 300x105	69,9	48,5	5BB	6BB
BFR 400x105	76	52,8	5BB	6BB
BFR 500x105	73	50,7	5BB	6BB
BFR 600x105	69,9	48,5	5BB	6BB

BFR (NEMA VE 1)

EZ / HDG

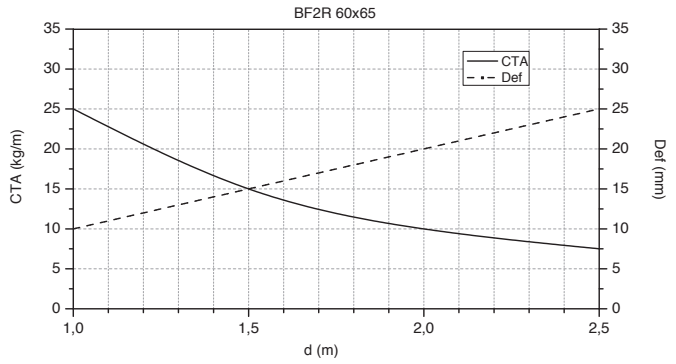
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BFR 4”x1”1/2 (100x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 6”x1”1/2 (150x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 8”x1”1/2 (200x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 12”x1”1/2 (300x35)	28,4 (19,1)	11,1 (7,5)	-	-
BFR 2”x2” (60x65)	12,5 (8,4)	4,9 (3,3)	-	-
BFR 4”x2” (100x65)	28,4 (19,1)	11,1 (7,5)	-	-
BFR 6”x2” (150x65)	31,7 (21,3)	12,4 (8,3)	-	-
BFR 8”x2” (200x65)	47,6 (32)	18,6 (12,5)	5AA	-
BFR 12”x2” (300x65)	57,1 (38,4)	22,3 (15)	5AA	-
BFR 16”x2” (400x65)	69,9 (47)	27,3 (18,3)	5AA	-
BFR 20”x2” (500x65)	63,5 (42,7)	24,8 (16,7)	5AA	-
BFR 24”x2” (600x65)	79,4 (53,3)	31 (20,8)	5A	-
BFR 8”x4” (200x105)	72,2 (48,5)	28,2 (18,9)	5AA	-
BFR 12”x4” (300x105)	76 (51,1)	29,7 (20)	5A	-
BFR 16”x4” (400x105)	111,1 (74,7)	43,4 (29,2)	5A	8AA
BFR 20”x4” (500x105)	107,8 (72,4)	42,1 (28,3)	5A	8AA
BFR 24”x4” (600x105)	117,5 (79)	45,9 (30,8)	5A	8AA

i304 / i316

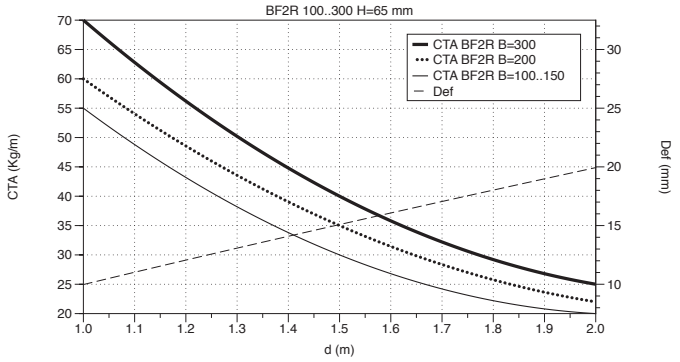
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BFR 4”x1”1/2 (100x35)	18,9 (12,7)	7,4 (5)	-	-
BFR 6”x1”1/2 (150x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 8”x1”1/2 (200x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 2”x2” (60x65)	12,8 (8,6)	5 (3,4)	-	-
BFR 4”x2” (100x65)	28,7 (19,3)	11,2 (7,5)	-	-
BFR 6”x2” (150x65)	25,3 (17)	9,9 (6,7)	-	-
BFR 8”x2” (200x65)	44,5 (29,9)	17,4 (11,7)	5AA	-
BFR 12”x2” (300x65)	54, (36,3)	21,1 (14,2)	5AA	-
BFR 16”x2” (400x65)	60,2 (40,4)	23,5 (15,8)	5AA	-
BFR 20”x2” (500x65)	57,1 (38,4)	22,3 (15,)	5AA	-
BFR 24”x2” (600x65)	54 (36,3)	21,1 (14,2)	5AA	-
BFR 8”x4” (200x105)	73 (49)	28,5 (19,2)	5AA	-
BFR 12”x4” (300x105)	69,9 (47)	27,3 (18,3)	5AA	-
BFR 16”x4” (400x105)	76 (51,1)	29,7 (20)	5A	-
BFR 20”x4” (500x105)	73 (49)	28,5 (19,2)	5AA	-
BFR 24”x4” (600x105)	69,9 (47)	27,3 (18,3)	5AA	8AA

BF2R (UNE-EN 61537)

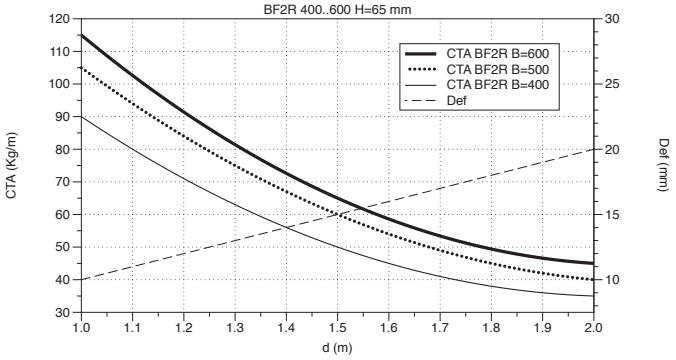
BF2R 60x65



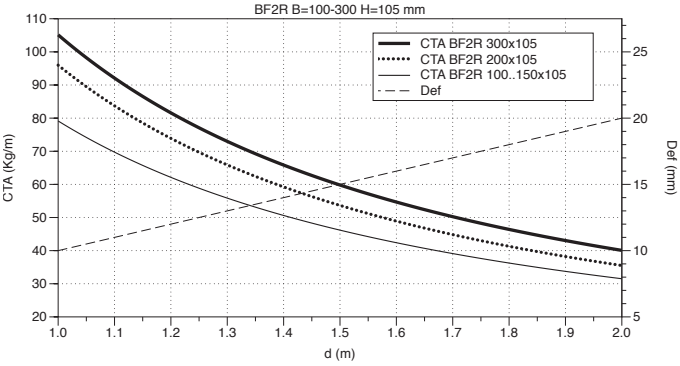
BF2R 100..300 H65



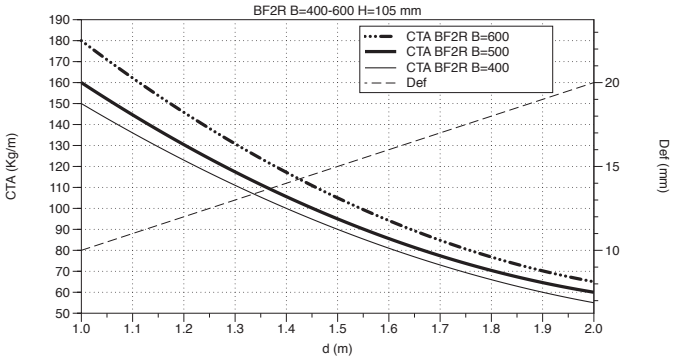
BF2R 400..600 H65



BF2R 100..300 H105



BF2R 400..600 H105



BF2R (ANCE NMX-J-511)

EZ / HDG

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
BF2R 60x65	12,5	8,7	-	-
BF2R 100x65	28,4	19,7	5AA	6AA
BF2R 150x65	31,7	22	5AA	6AA
BF2R 200x65	47,6	33,1	5BB	6AA
BF2R 300x65	57,1	39,6	5BB	6BB
BF2R 400x65	69,9	48,5	5BB	6BB
BF2R 500x65	63,5	44,1	5BB	6BB
BF2R 600x65	79,4	55,1	5A	6BB
BF2R 200x105 (E-BFR)	72,2	50,1	5BB	6BB
BF2R 300x105 (E-BFR)	76	52,8	5A	6BB
BF2R 400x105 (E-BFR)	111,1	77,2	5B	6A
BF2R 500X105 (E-BFR)	107,8	74,8	5BB	6A
BF2R 600x105 (E-BFR)	117,5	81,6	5B	6A

i304 / i316

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
BF2R 60x65	12,8	8,9	-	-
BF2R 100x65	28,7	19,9	5AA	6AA
BF2R 150x65	25,3	17,6	5AA	-
BF2R 200x65	44,5	30,9	5BB	6AA
BF2R 300x65	54	37,5	5BB	6BB
BF2R 400x65	60,2	41,8	5BB	6BB
BF2R 500x65	57,1	39,6	5BB	6BB
BF2R 600x65	54	37,5	5BB	6BB
BF2R 200x105 (E-BFR)	69,9	48,5	5BB	6BB
BF2R 300x105 (E-BFR)	69,9	48,5	5BB	6BB
BF2R 400x105 (E-BFR)	76	52,8	5BB	6BB
BF2R 500x105 (E-BFR)	79,4	55,1	5BB	6BB
BF2R 600x105 (E-BFR)	63,5	44,1	5BB	6BB

BF2R (NEMA VE 1)

EZ / HDG

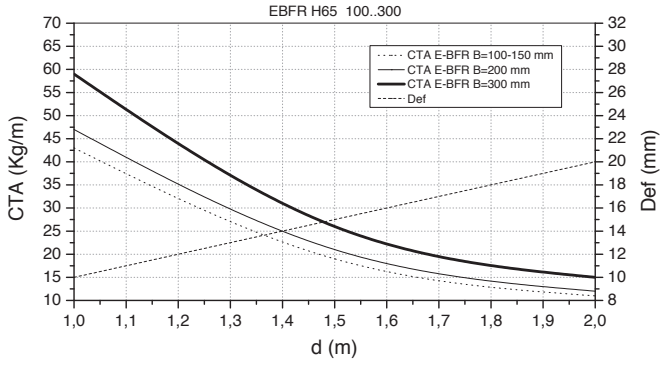
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BF2R 2"x2" (60x65)	12,5 (8,4)	4,9 (3,3)	-	-
BF2R 4"x2" (100x65)	28,4 (19,1)	11,1 (7,5)	-	-
BF2R 6"x2" (150x65)	31,7 (21,3)	12,4 (8,3)	-	-
BF2R 8"x2" (200x65)	47,6 (32)	18,6 (12,5)	5AA	-
BF2R 12"x2" (300x65)	57,1 (38,4)	22,3 (15)	5AA	-
BF2R 16"x2" (400x65)	69,9 (47)	27,3 (18,3)	5AA	-
BF2R 20"x2" (500x65)	63,5 (42,7)	24,8 (16,7)	5AA	-
BF2R 24"x2" (600x65)	79,4 (53,3)	31 (20,8)	5A	-
BF2R 8"x4" (200x105)	72,2 (48,5)	28,2 (18,9)	5AA	-
BF2R 12"x4" (300x105)	76 (51,1)	29,7 (20)	5A	-
BF2R 16"x4" (400x105)	111,1 (74,7)	43,4 (29,2)	5A	8AA
BF2R 20"x4" (500x105)	107,8 (72,4)	42,1 (28,3)	5A	8AA
BF2R 24"x4" (600x105)	117,5 (79)	45,9 (30,8)	5A	8AA

i304 / i316

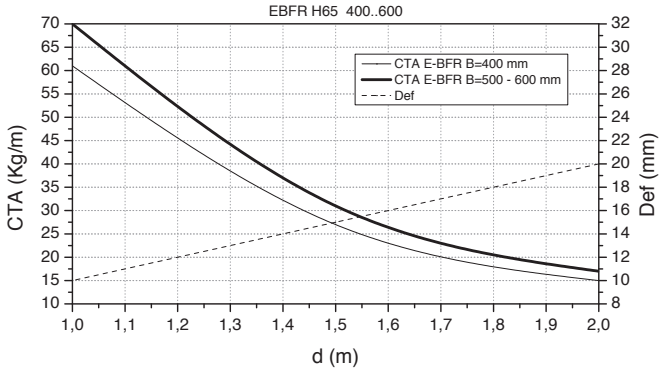
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BF2R 2"x2" (60x65)	12,8 (8,6)	5 (3,4)	-	-
BF2R 4"x2" (100x65)	28,7 (19,3)	11,2 (7,5)	-	-
BF2R 6"x2" (150x65)	25,3 (17)	9,9 (6,7)	-	-
BF2R 8"x2" (200x65)	44,5 (29,9)	17,4 (11,7)	5AA	-
BF2R 12"x2" (300x65)	54, (36,3)	21,1 (14,2)	5AA	-
BF2R 16"x2" (400x65)	60,2 (40,4)	23,5 (15,8)	5AA	-
BF2R 20"x2" (500x65)	57,1 (38,4)	22,3 (15,)	5AA	-
BF2R 24"x2" (600x65)	54 (36,3)	21,1 (14,2)	5AA	-
BF2R 8"x4" (200x105)	73 (49)	28,5 (19,2)	5AA	-
BF2R 12"x4" (300x105)	69,9 (47)	27,3 (18,3)	5AA	-
BF2R 16"x4" (400x105)	76 (51,1)	29,7 (20)	5A	-
BF2R 20"x4" (500x105)	73 (49)	28,5 (19,2)	5AA	-
BF2R 24"x4" (600x105)	69,9 (47)	27,3 (18,3)	5AA	8AA

EBFR (UNE-EN 61537)

EBFR H65 100..300

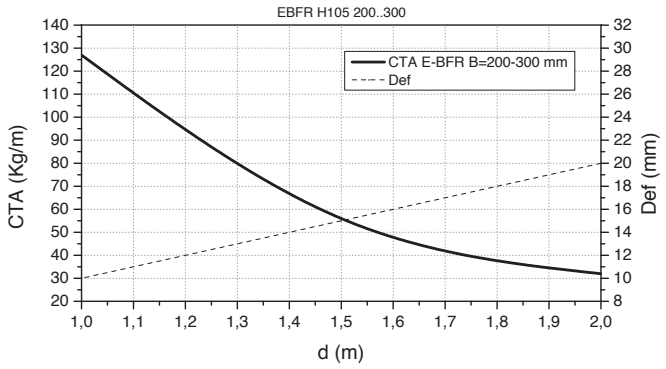


EBFR H65 400..600

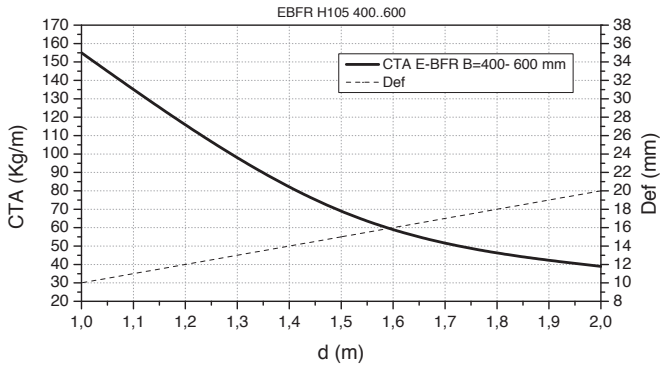


EBFR (UNE-EN 61537)

EBFR H105 200..300



EBFR H105 400..600



EBFR (ANCE NMX-J-511)

EZ / HDG

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
EBFR 100x65	25,3	17,6	5AA	-
EBFR 150x65	25,3	17,6	5AA	-
EBFR 200x65	31,7	22	5AA	6AA
EBFR 300x65	50,7	35,2	5BB	6AA
EBFR 400x65	54	37,5	5BB	6BB
EBFR 500x65	63,5	44,1	5BB	6BB
EBFR 600x65	63,5	44,1	5BB	6BB
EBFR 200x105	69,9	48,5	5BB	6BB
EBFR 300x105	66,6	46,2	5BB	6BB
EBFR 400x105	91,9	63,8	5BB	6BB
EBFR 500X105	98,3	68,3	5BB	6BB
EBFR 600x105	114,2	79,3	5BB	6A

i304 / i316

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
EBFR 100x65	25,3	17,6	5AA	-
EBFR 150x65	22,3	15,5	5AA	-
EBFR 200x65	35,1	24,4	5AA	6AA
EBFR 300x65	50,7	35,2	5BB	6AA
EBFR 400x65	47,6	33,1	5BB	6AA
EBFR 500x65	47,6	33,1	5BB	6AA
EBFR 600x65	47,6	33,1	5BB	6AA
EBFR 200x105	69,9	48,5	5BB	6BB
EBFR 300x105	69,9	48,5	5BB	6BB
EBFR 400x105	76	52,8	5BB	6BB
EBFR 500x105	79,4	55,1	5BB	6BB
EBFR 600x105	63,5	44,1	5BB	6BB

EBFR (NEMA VE 1)

EZ / HDG

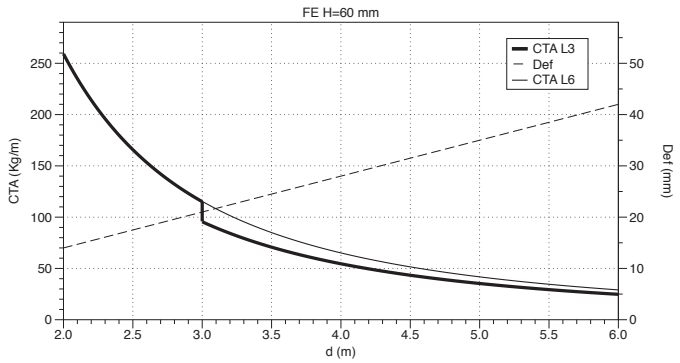
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
EBFR 4"x2" (100x65)	25,3 (17,0)	9,9 (6,7)	-	-
EBFR 6"x2" (150x65)	25,3 (17,0)	9,9 (6,7)	-	-
EBFR 8"x2" (200x65)	31,7 (21,3)	12,4 (8,3)	-	-
EBFR 12"x2" (300x65)	50,7 (34,1)	19,8 (13,3)	5AA	-
EBFR 16"x2" (400x65)	54, (36,3)	21,1 (14,2)	5AA	-
EBFR 20"x2" (500x65)	63,5 (42,7)	24,8 (16,7)	5AA	-
EBFR 24"x2" (600x65)	63,5 (42,7)	24,8 (16,7)	5AA	-
EBFR 8"x4" (200x105)	69,9 (47,0)	27,3 (18,3)	5AA	-
EBFR 12"x4" (300x105)	66,6 (44,7)	26,0 (17,5)	5AA	-
EBFR 16"x4" (400x105)	91,9 (61,8)	35,9 (24,1)	5A	-
EBFR 20"x4" (500x105)	98,3 (66,1)	38,4 (25,8)	5A	8AA
EBFR 24"x4" (600x105)	114,2 (76,7)	44,6 (30,0)	5A	8AA

i304 / i316

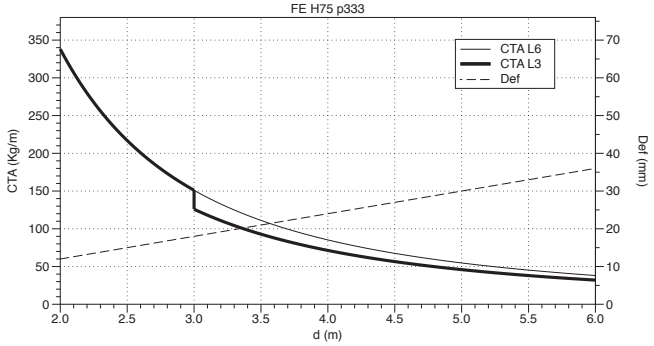
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
EBFR 4"x2" (100x65)	25,3 (17,0)	9,9 (6,7)	-	-
EBFR 6"x2" (150x65)	22,3 (15,0)	8,7 (5,8)	-	-
EBFR 8"x2" (200x65)	35,1 (23,6)	13,7 (9,2)	-	-
EBFR 12"x2" (300x65)	50,7 (34,1)	19,8 (13,3)	5AA	-
EBFR 16"x2" (400x65)	47,6 (32,0)	18,6 (12,5)	5AA	-
EBFR 20"x2" (500x65)	47,6 (32,0)	18,6 (12,5)	5AA	-
EBFR 24"x2" (600x65)	47,6 (32,0)	18,6 (12,5)	5AA	-
EBFR 8"x4" (200x105)	69,9 (47,0)	27,3 (18,3)	5AA	-
EBFR 12"x4" (300x105)	69,9 (47,0)	27,3 (18,3)	5AA	-
EBFR 16"x4" (400x105)	76, (51,1)	29,7 (20,0)	5A	-
EBFR 20"x4" (500x105)	79,4 (53,3)	31,0 (20,8)	5A	-
EBFR 24"x4" (600x105)	63,5 (42,7)	24,8 (16,7)	5AA	-

FE (UNE-EN 61537)

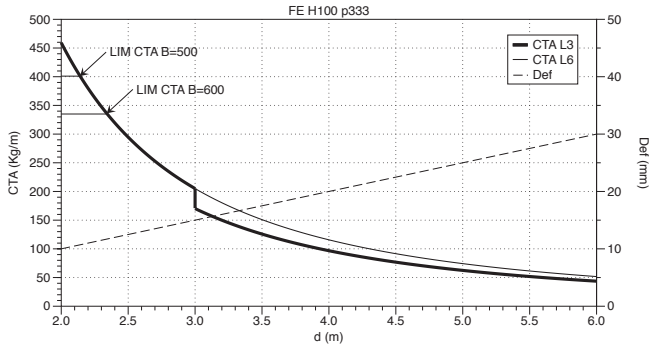
FE H60



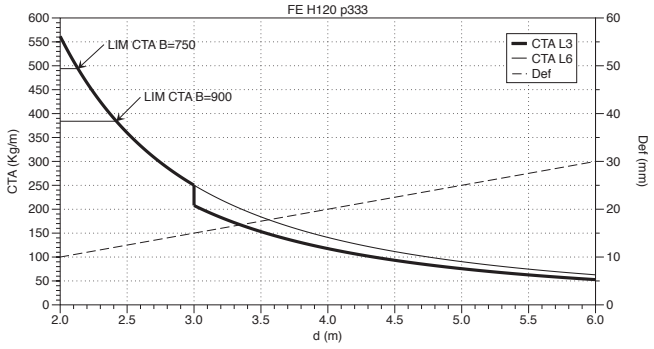
FE H75 p333



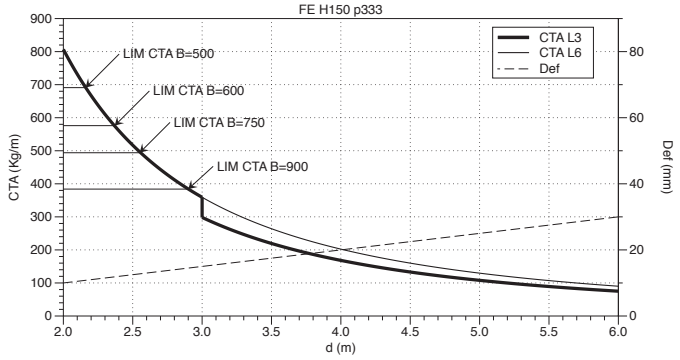
FE H100 p333



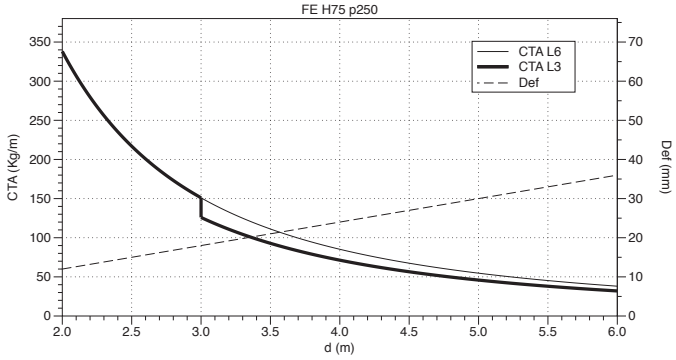
FE H120 p333



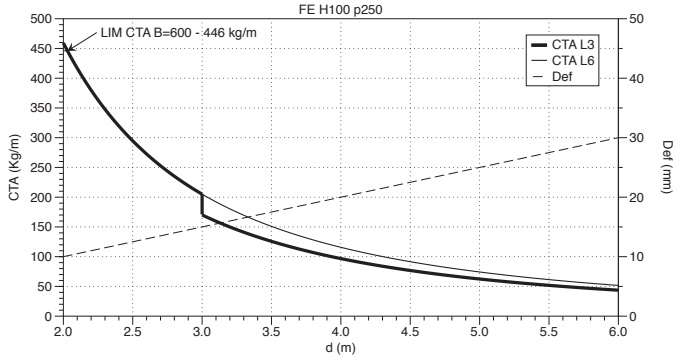
FE H150 p333



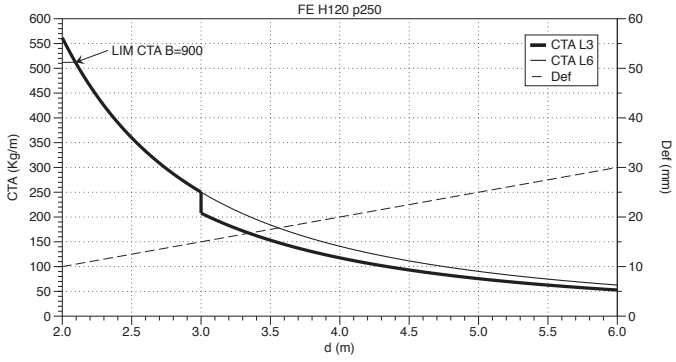
FE H75 p250



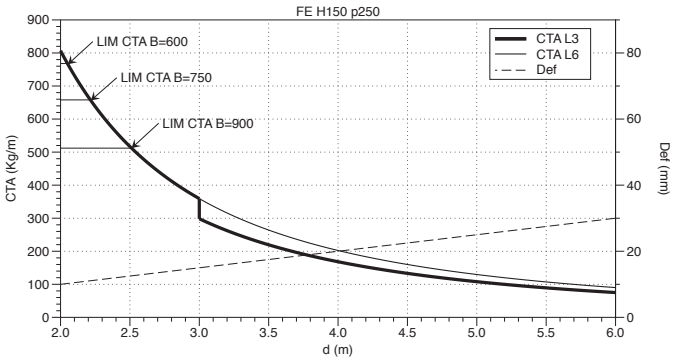
FE H100 p250



FE H120 p250



FE H150 p250



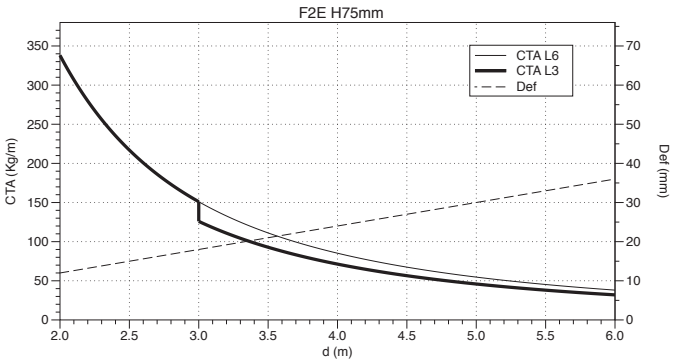
FE (NEMA VE1)

FE (NEMA VE 1)

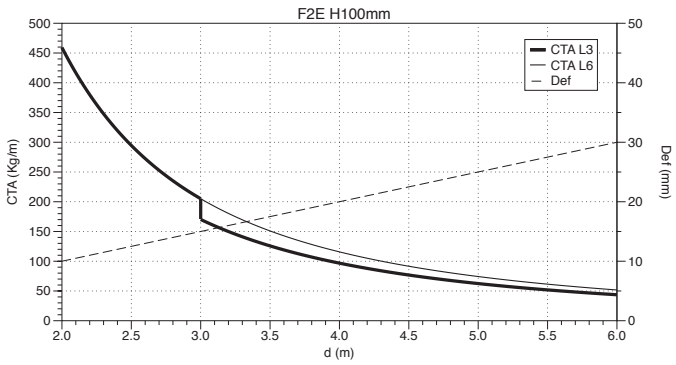
Side Rail (Hxe)	Class
60x1,5	8C-12A
75x1,5	8C-12A
75x2	8C-12B
100x1,5	12C-16A
100x2	12C-16A
120x1,5	12C-16A
120x2	12C-16B-20A
150x1,5	12C-16A
150x2	12C-16B-20A

F2E (UNE-EN 61537)

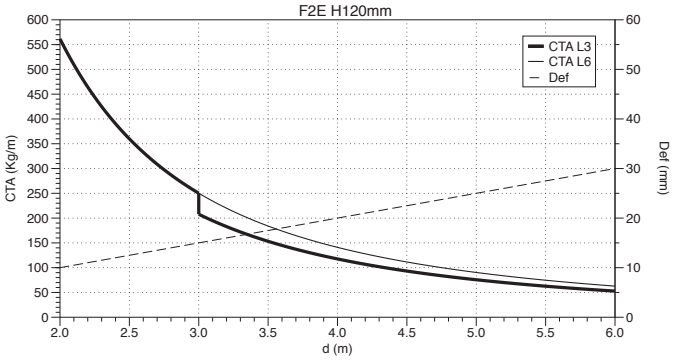
F2E H75



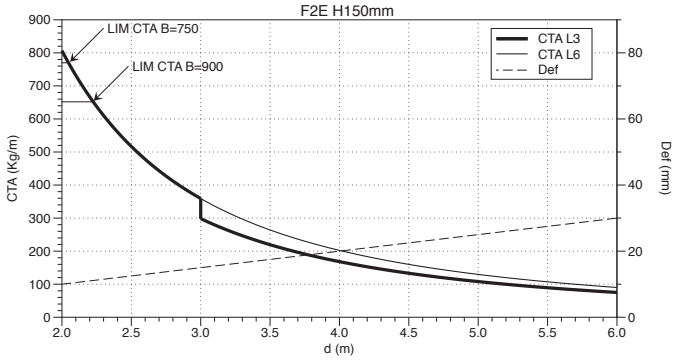
F2E H100



F2E H120

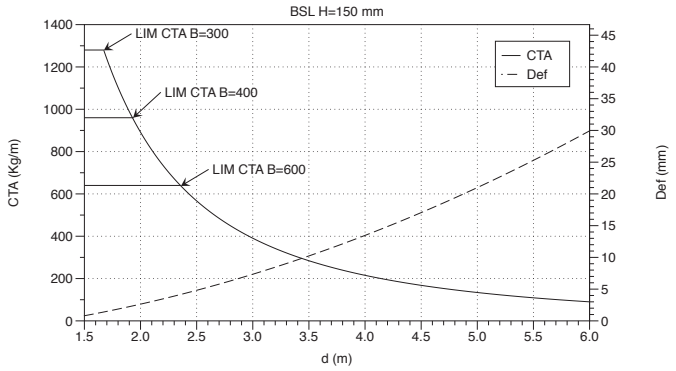


F2E H150



BSL (UNE-EN 61537)

BSL H150



BSL/BSLR (NEMA VE1)

BSL (NEMA VE 1)

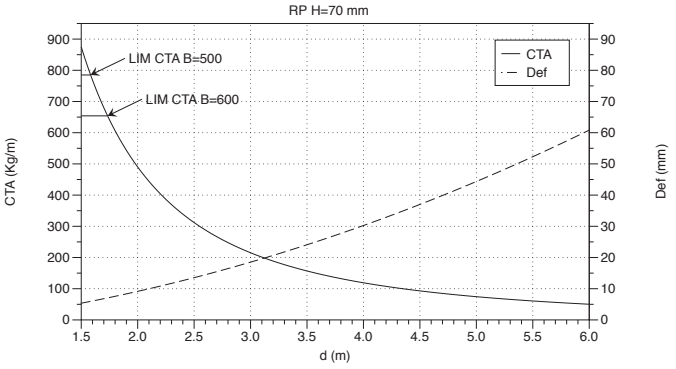
Side Rail (Hxe)	Class
100x1,5	12B - 16A
125x1,5	12C - 20A
150x2	16C - 20B

BSLR (NEMA VE 1)

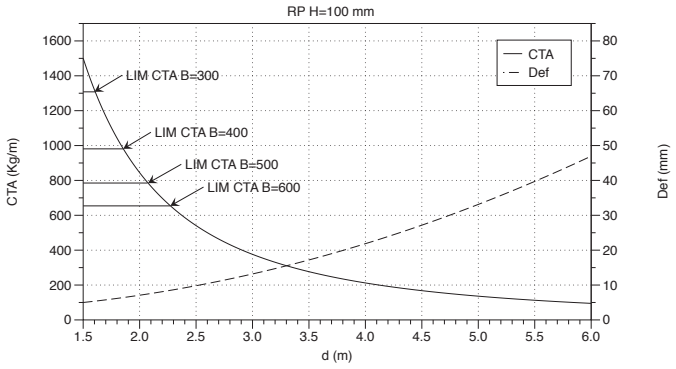
Side Rail (Hxe)	Class
125x2	20B
150x2	20C

RP (UNE-EN 61537)

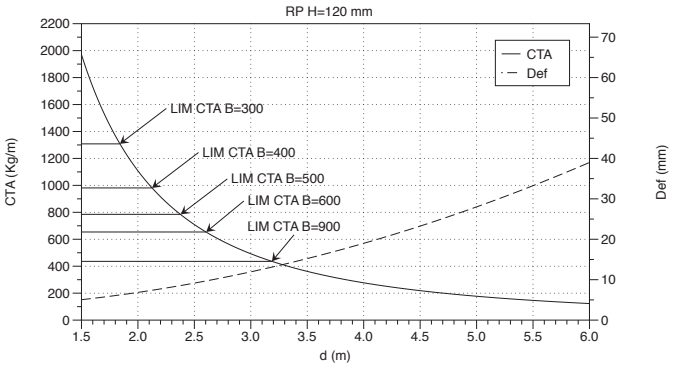
RP H70



RP H100



RP H120



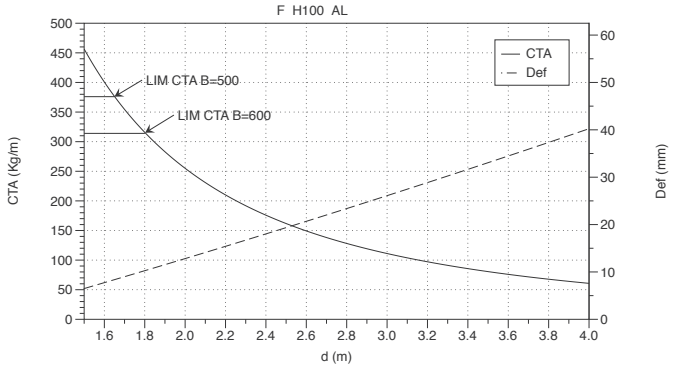
RP (NEMA VE1)

RP (NEMA VE 1)

Side Rail (Hxe)	Class
70x4	12C - 16A
100x4	16C - 20A
120x4	16C - 20B

F AL (UNE-EN 61537)

F H100 AL



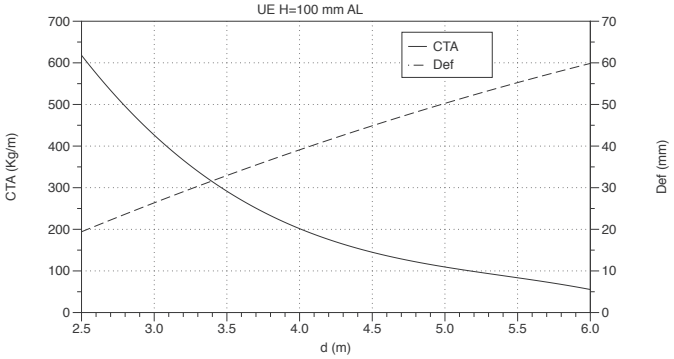
F AL (NEMA VE1)

F AL (NEMA VE1)

Side Rail (Hxe)	Class
100x2	8C - 12A

UEC AL (UNE-EN 61537)

UEC H100 AL



UEC AL (NEMA VE1)

UEC H100 AL (NEMA VE1)

Side Rail (Hxe)	Class
100x4,5	16C - 20B

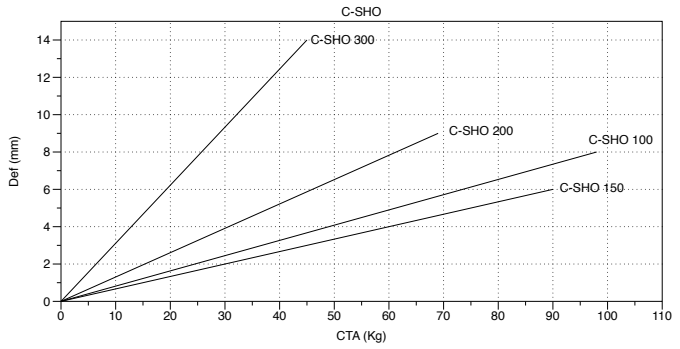
I (NEMA VE1)

I

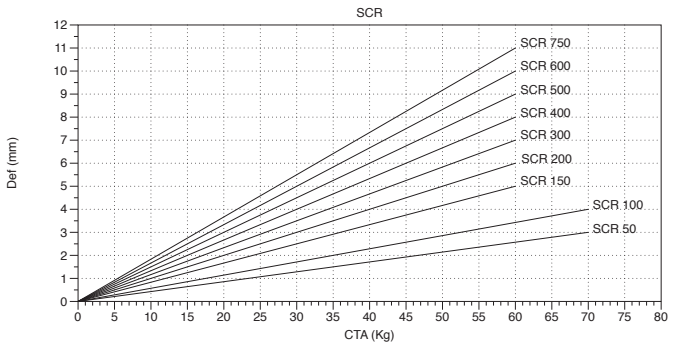
Side Rail	Class
IL4"	16A - 12C
IS4"	20A - 16B
IR4"	20B - 16C
IL5"	16A - 12C
IS5"	20A - 16B
IR5"	20B - 16C
IL6"	20A - 16B
IS6"	20B - 16C
IR6"	20C

SUPPORTS (UNE-EN 61537)

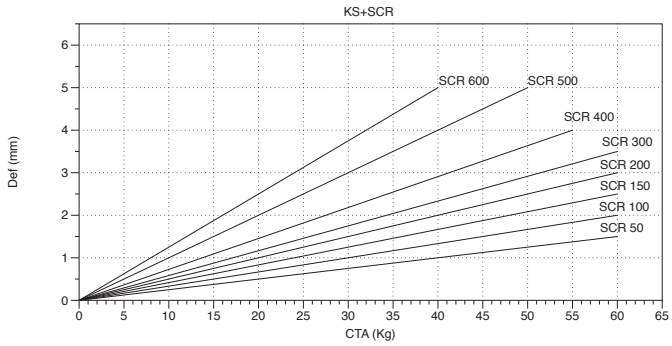
C-SHO



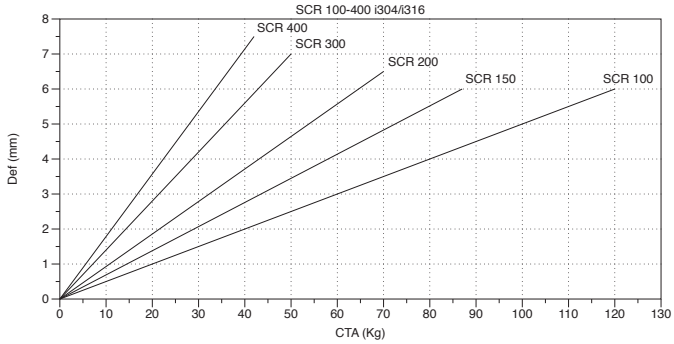
SCR



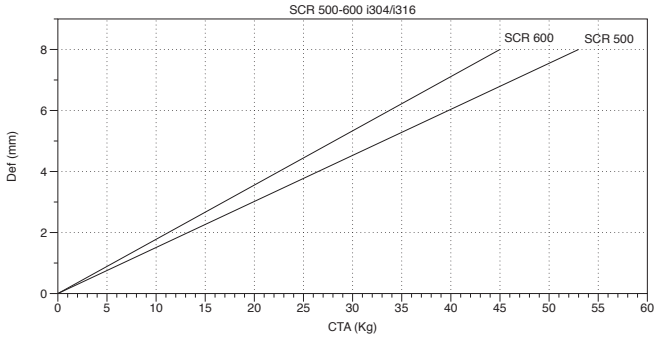
KS + SCR



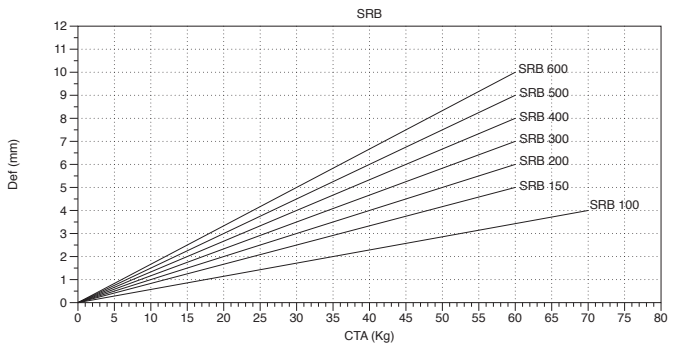
SCR i304/i316 100-400



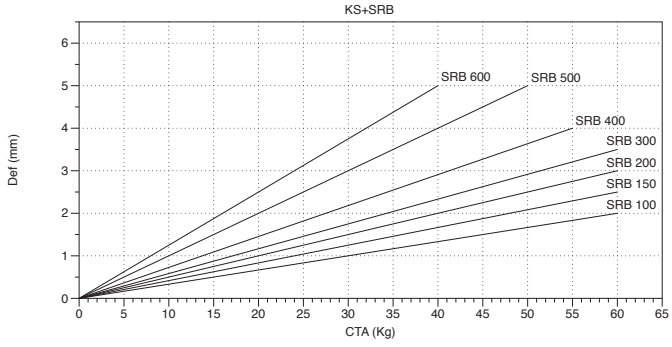
SCR i304/i316 500-600



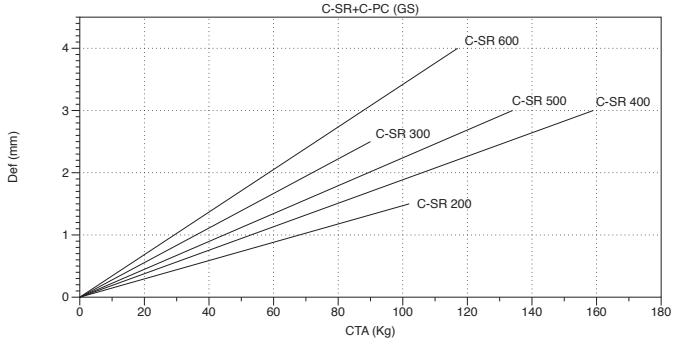
SRB



KS + SRB

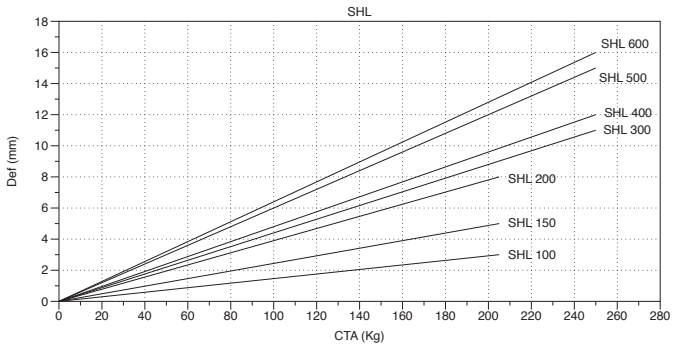


C-SR+C-PC (GS)

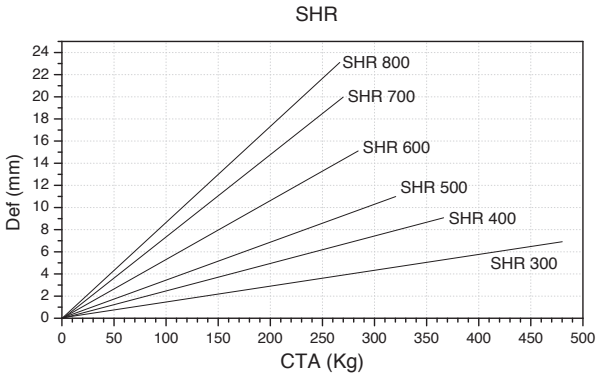


SUPPORTS (UNE-EN 61537)

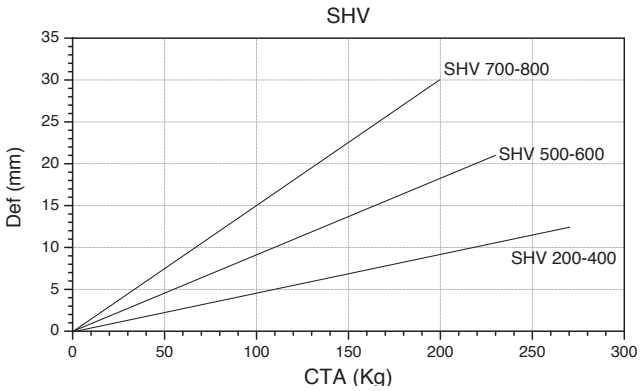
SHL



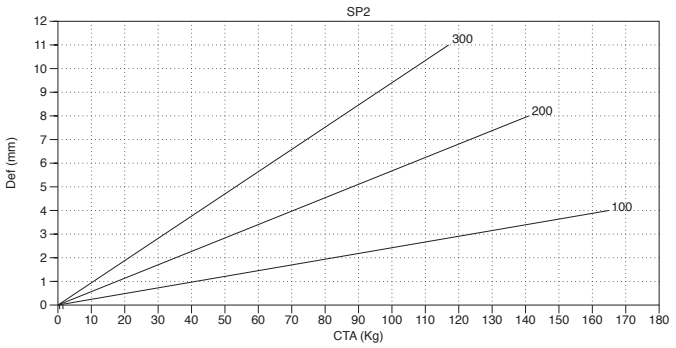
SHR



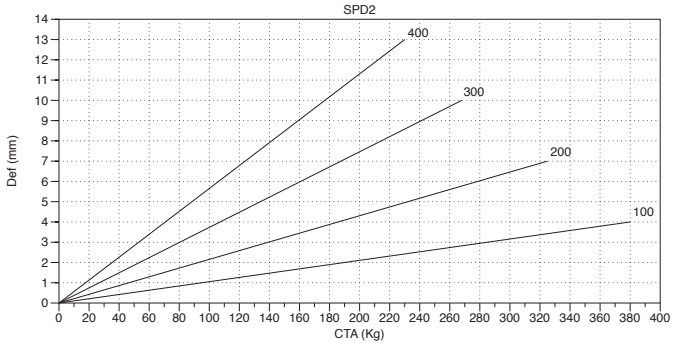
SHV



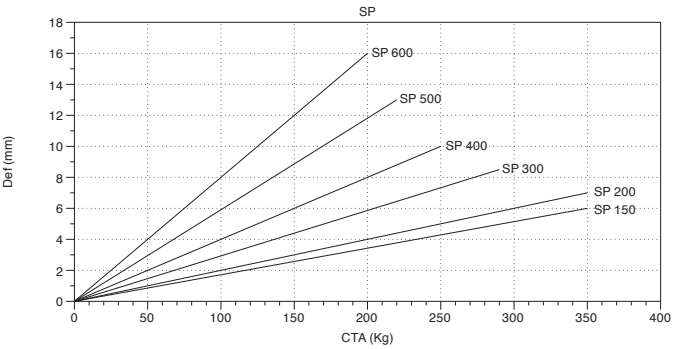
SP2



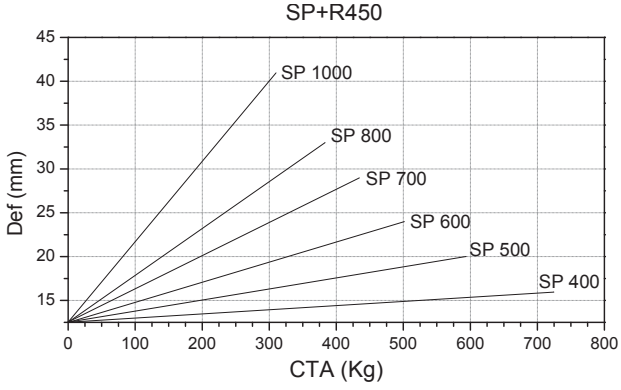
SPD2



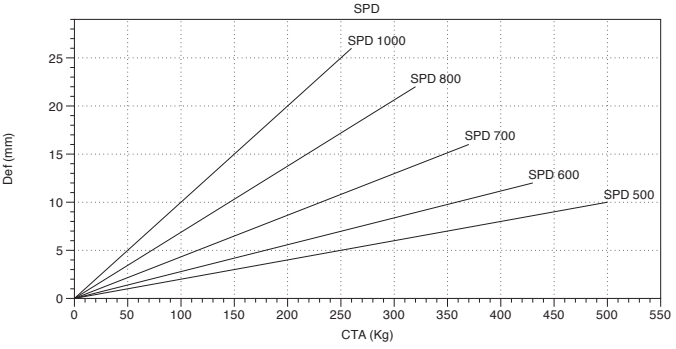
SP



SP+R450

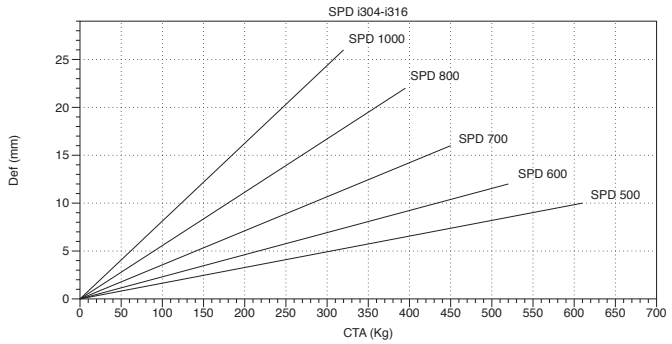


SPD

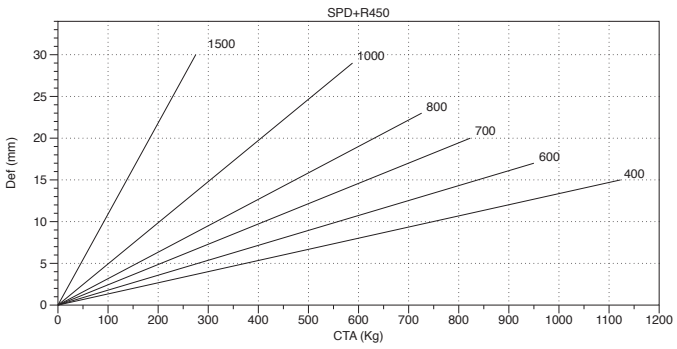


SUPPORTS (UNE-EN 61537)

SPD i304/i316

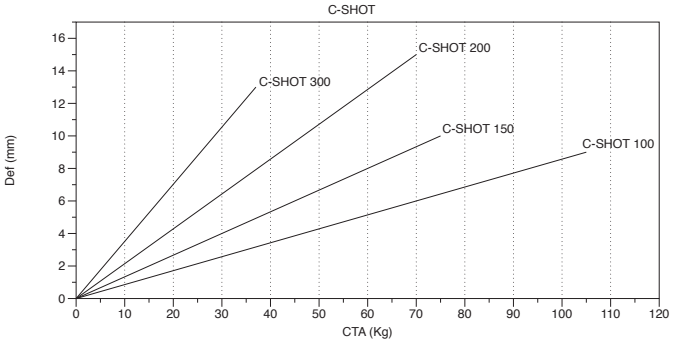


SPD+R450

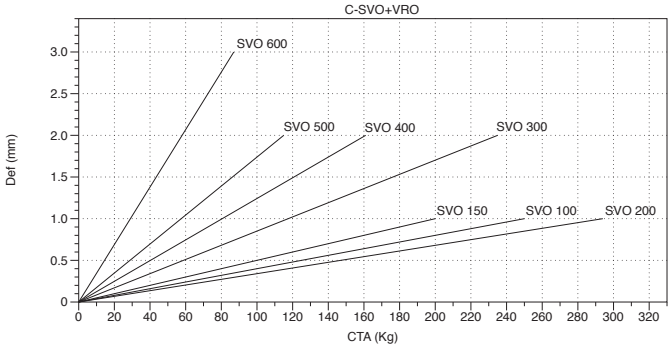


SUPPORTS (UNE-EN 61537)

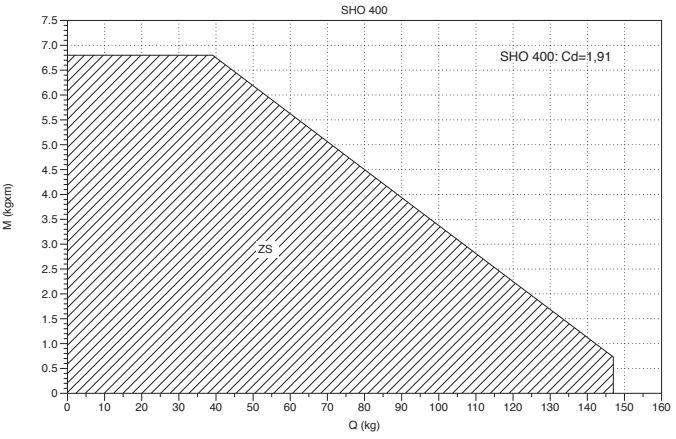
C-SHOT



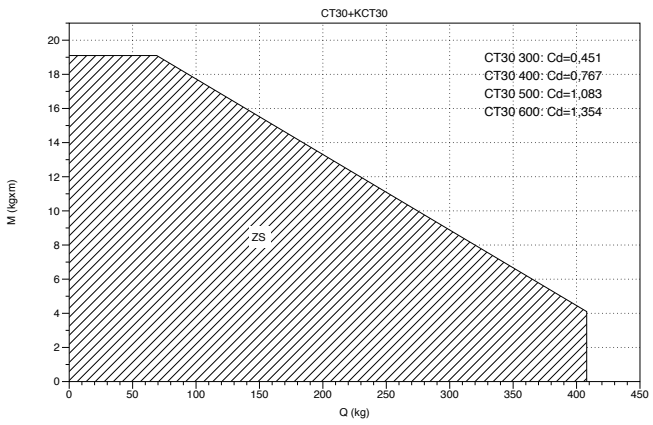
C-SVO+VRO



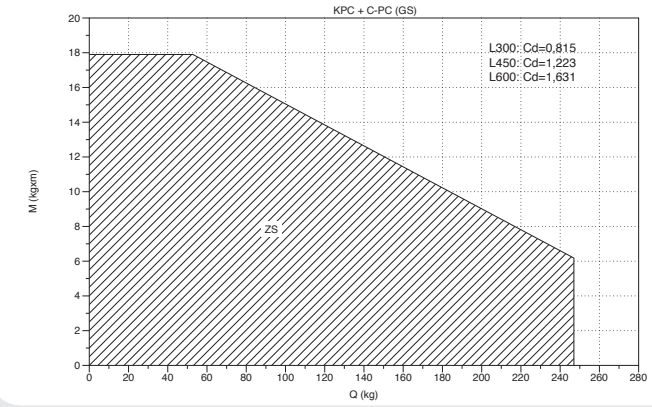
SHO 400



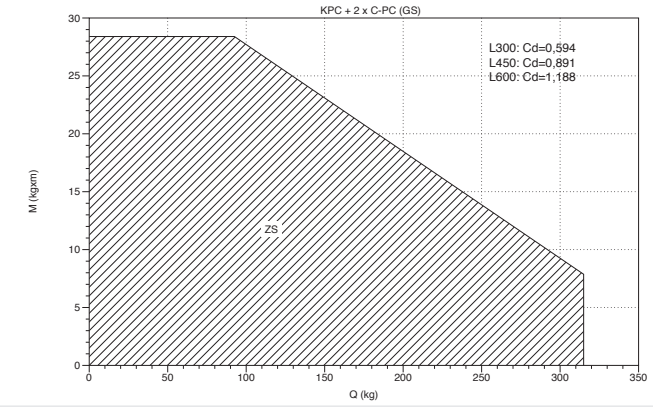
CT30+KCT30



KPC + C-PC (GS)

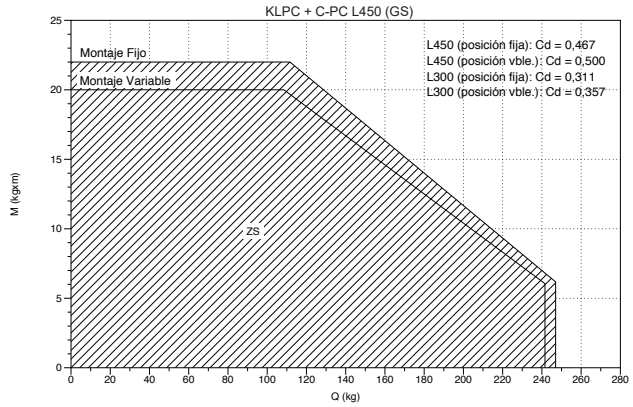


KPC + 2 x C-PC (GS)

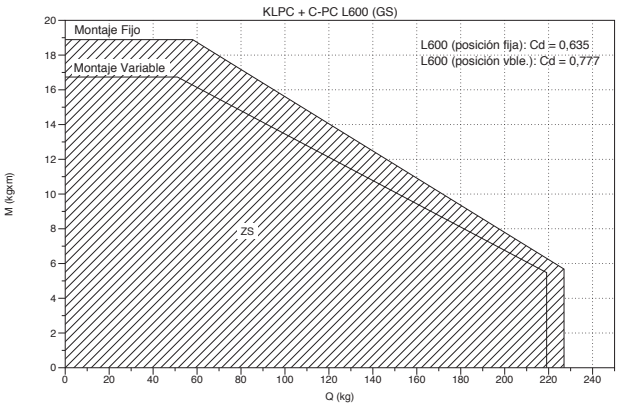


SUPPORTS (UNE-EN 61537)

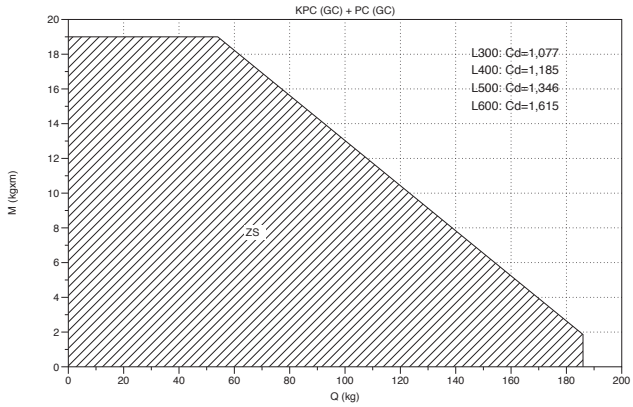
KLPC + C-PC L450 (GS)



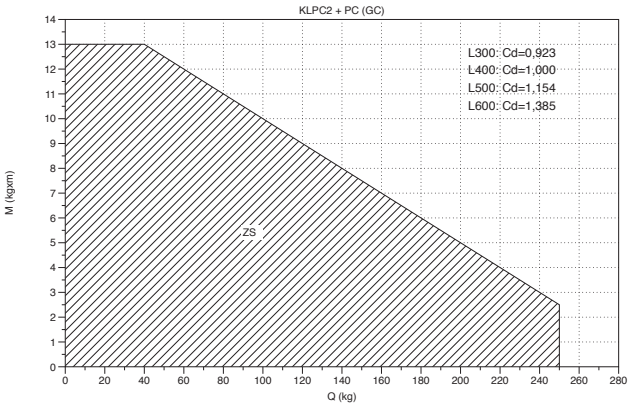
KLPC + C-PC L600 (GS)



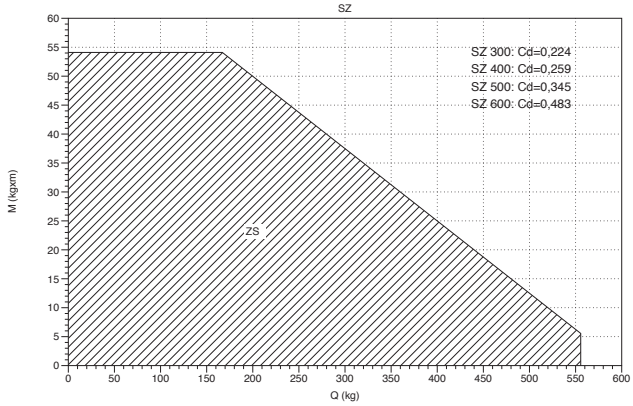
KPC (GC) + PC (GC)



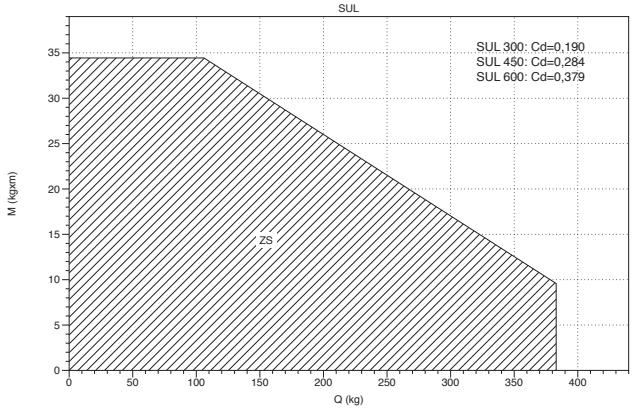
KLPC2 + PC (GC)



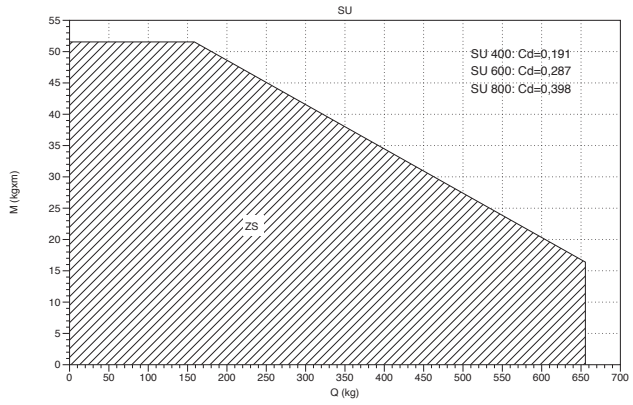
SZ



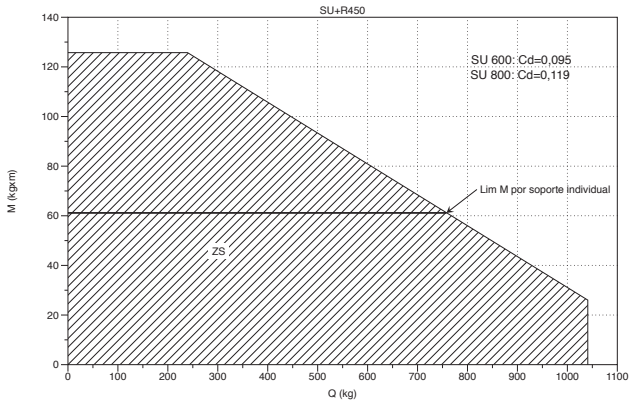
SUL



SU

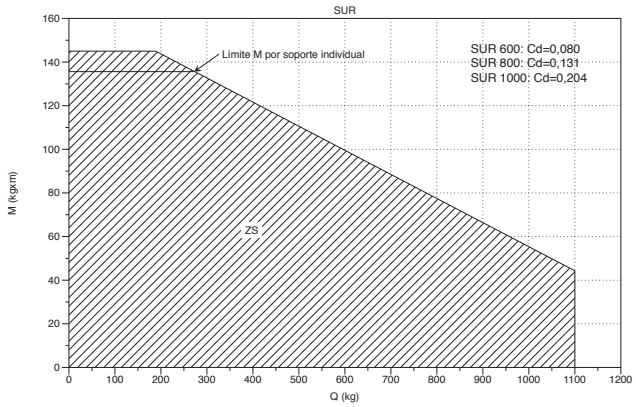


SU+R450

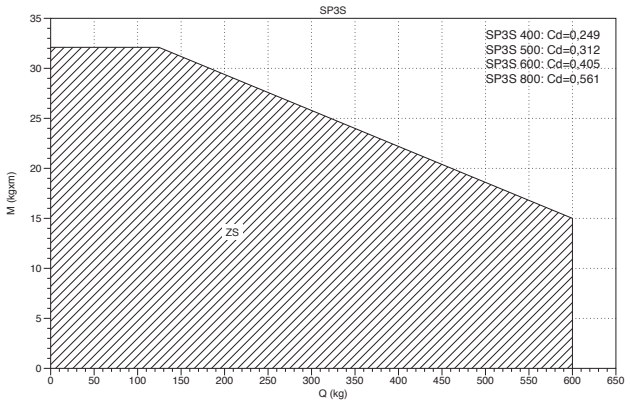


SUPPORTS (UNE-EN 61537)

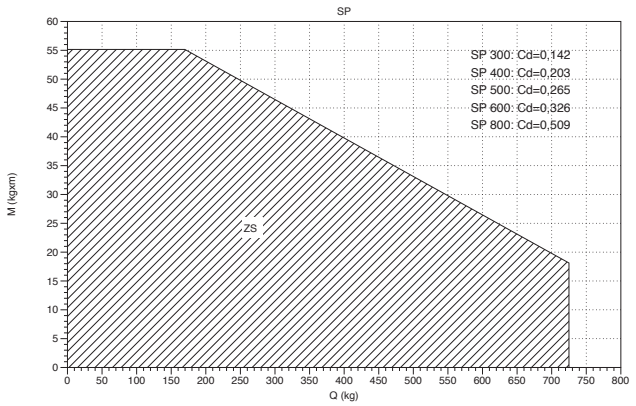
SUR



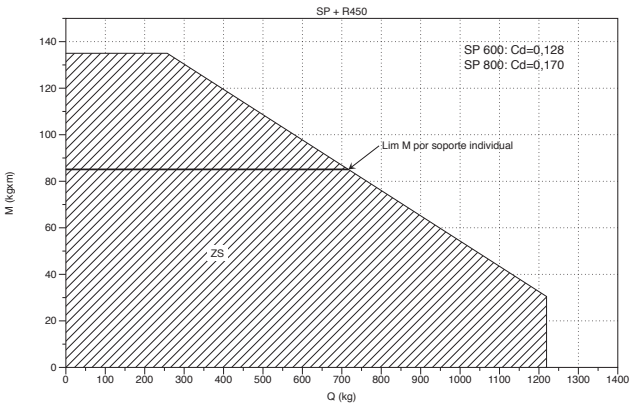
SP3S



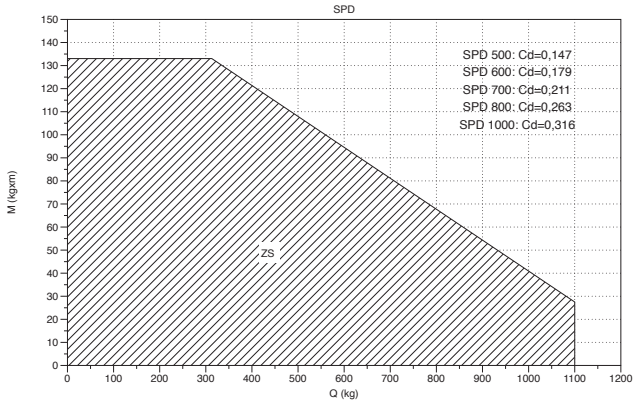
SP



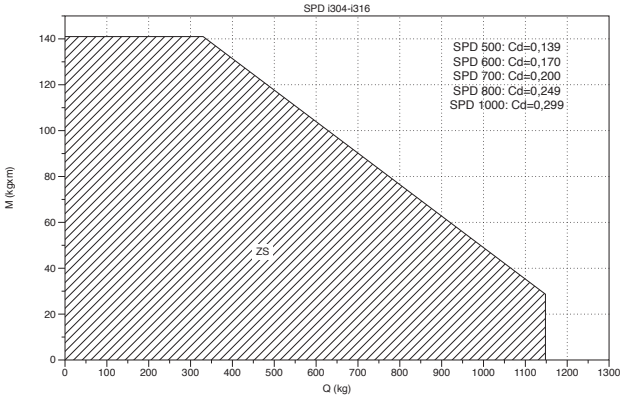
SP + R450



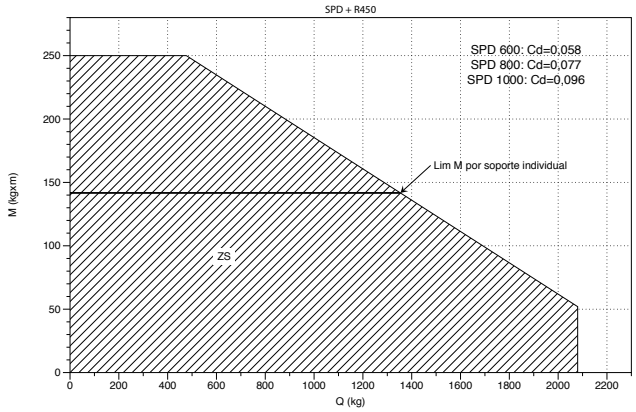
SPD



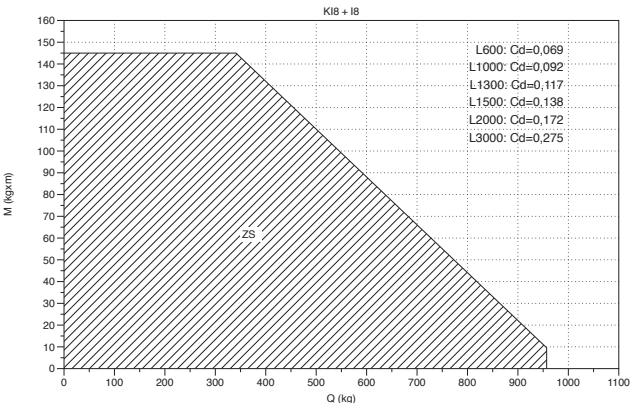
SPD i304/i316



SPD + R450

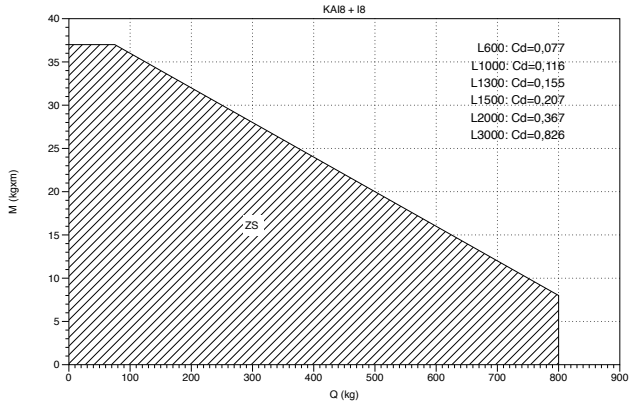


KI8 + I8



SUPPORTS (UNE-EN 61537)

KAI8 + I8



BASORPLAST

SV

B		CTA	
mm	inch	kg	Lb
100	4''	**276**	609
150	6''	**265**	584
200	8''	**253**	558
300	12''	**207**	456
400	16''	**506**	1116
500	20''	**460**	1014
600	24''	**414**	912

SFS +C-SVO

B		CTA	
mm	inch	kg	Lb
100	4''	**176**	388
150	6''	**176**	388
200	8''	**176**	388
300	12''	**176**	388
400	16''	**161**	354
500	20''	**115**	253
600	24''	**87**	191

BPI (UNE-EN 61537)

MODEL (HxB)	d = 1,5 m & T = 40ºC d = 1 m & T = 60ºC
	CTA kg/m (lb/ft)
60x100	**23** (15,5)
60x150	**28** (18,9)
60x200	**39** (26,3)
60x300	**45** (30,3)
100x200	**79** (53,1)
100x300	**92** (61,9)
100x400	**101** (67,9)
100x600	**118** (79,3)

BPE (UNE-EN 61537)

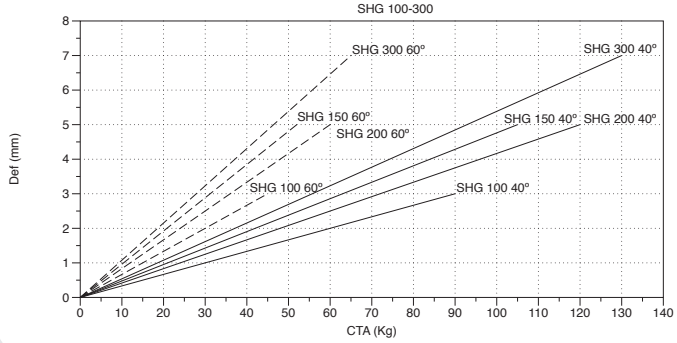
MÁX. 40ºC

	Carga admisible (Kg/m)	
MODELO	Distancia 1 m	Distancia 1,5 m
BPE-60x100	39	20
BPE-60x150	43	22
BPE-60x200	64	31
BPE-60x300	74	38
BPE-100x200	119	57
BPE-100x300	125	61
BPE-100x400	168	81
BPE-100x600	227	112

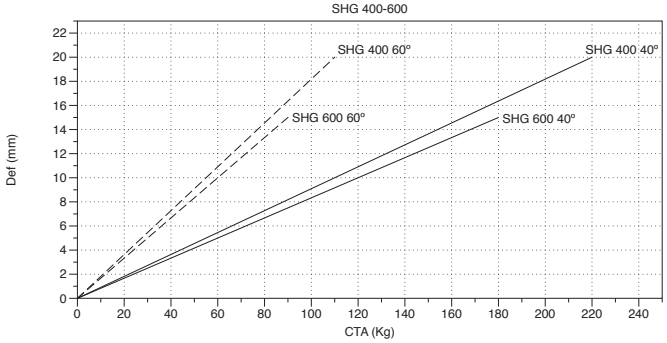
MÁX. 60ºC

	Carga admisible (Kg/m)
MODELO	Distancia 1 m
BPE-60x100	20
BPE-60x150	22
BPE-60x200	31
BPE-60x300	38
BPE-100x200	57
BPE-100x300	61
BPE-100x400	81
BPE-100x600	112

SHG 100..300

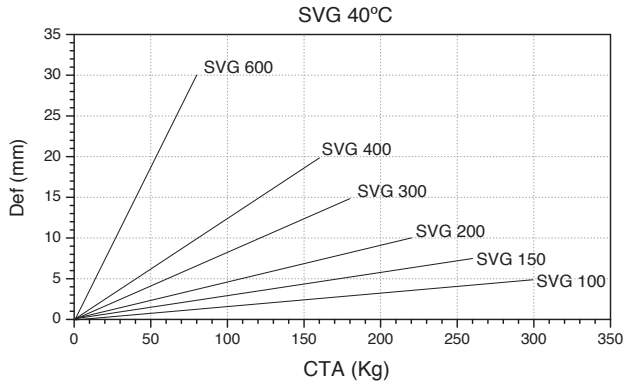


SHG 400..600

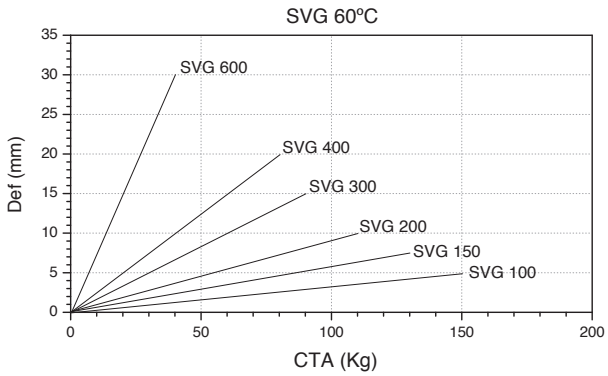


SUPPORTS (UNE-EN 61537)

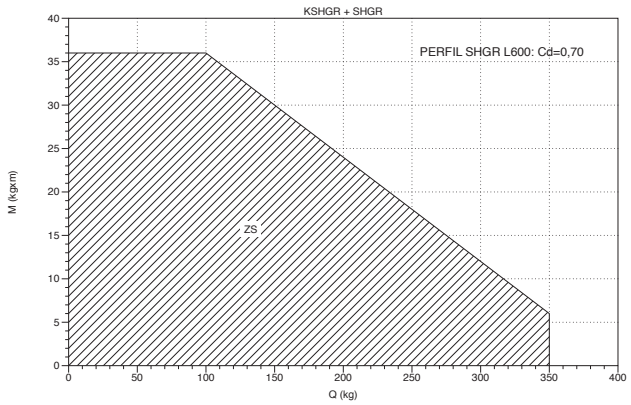
SVG 40ºC



SVG 60ºC



KSHGR + SHGR



FIBERTRAV (UL568 / NEMA FG1)

EFV (UL568 - NEMA FG1)

Side Rail	Class
3S	8C/12A
4S	12C/16A
6L	20B
6S	20C
6R	20C (S.F. = 2)

TRUNKING

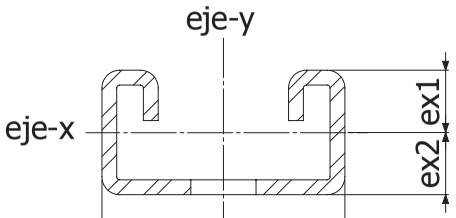
TRUNKING

L (m)	2	2,25	2,25	2,75	3
SWL (Kg)	30	27	24	21	17
f (mm)	$f < \frac{L}{350}$				

BEBasor
CABLE TRAY SPECIALIST

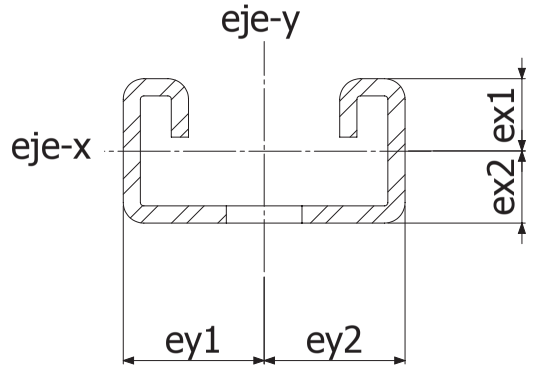
PERFIL P41 41x21x1,5

Tension admisible	1,50E+8 N/m^2
Momento de inercia, Ix	8,66E-9 m4
Momento de inercia, Iy	3,82E-8 m4
Area seccion bruta	1,60E-4 m2
Area seccion neta	1,44E-4 m2
Radio giro eje x	7,76E-3 m
Radio giro eje y	1,63E-2 m
ex1	1,09E-2 m
ex2	1,01E-2 m
ey1	2,05E-2 m
ey2	2,05E-2 m
Módulo resistente eje x	7,92E-7 m3
Módulo resistente eje y	1,86E-6 m3
Momento flector maximo	1,19E+2 Nm



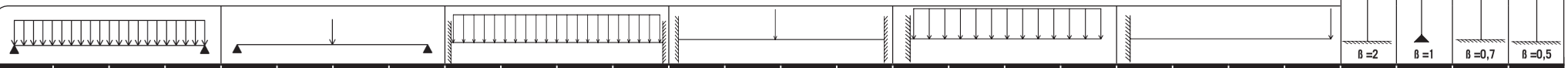


Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	951	1	951	951	475	1	475	475	1426	1	1426	1426	950	1	950	950	238	1	238	238	119	1	119	119	718	723	723	723
0,2	475	1	475	475	237	1	237	237	713	1	713	713	475	1	475	475	119	1	119	101	59	1	59	38	695	718	723	723
0,3	317	1	317	317	158	1	158	158	475	1	475	475	316	1	316	316	79	2	79	45	40	2	30	17	637	708	718	723
0,4	238	2	238	238	118	1	118	118	356	1	356	356	237	1	237	237	59	3	45	25	30	4	17	9	545	695	711	718
0,5	190	2	190	155	95	2	95	95	285	1	285	285	190	1	190	190	48	5	29	16	24	6	11	6	453	671	701	713
0,6	158	3	158	108	79	2	79	67	238	1	238	238	158	1	158	158	40	6	20	11	20	8	8	-	369	637	690	708
0,7	136	4	136	79	67	3	67	49	204	2	204	204	135	2	135	135	34	9	15	8	17	11	6	-	302	593	673	701
0,8	119	5	109	61	59	4	59	38	178	2	178	178	118	2	118	118	30	11	11	6	15	14	-	-	-	545	651	695
0,9	106	6	86	48	52	5	52	30	158	2	158	158	105	3	105	105	26	14	9	-	13	18	-	-	-	500	624	684
1	95	7	70	39	47	6	44	24	143	3	143	143	95	3	95	95	24	17	7	-	12	22	-	-	-	453	593	671
1,1	86	9	58	32	43	7	36	20	130	3	130	130	86	4	86	80	22	20	6	-	11	27	-	-	-	409	559	657
1,2	79	10	48	27	39	8	30	17	119	3	119	119	79	4	79	67	20	24	5	-	10	32	-	-	-	369	525	637
1,3	73	12	41	23	36	10	26	14	110	4	110	110	73	5	73	57	18	28	-	-	9	37	-	-	-	333	492	617
1,4	68	14	36	20	33	11	22	12	102	5	102	99	67	6	67	49	17	33	-	-	8	43	-	-	-	302	459	593
1,5	63	16	31	17	31	12	19	11	95	5	95	86	63	7	63	43	16	37	-	-	8	50	-	-	-	274	428	571
1,6	59	18	27	15	29	14	17	9	89	6	89	76	59	7	59	38	15	42	-	-	7	56	-	-	-	-	399	545
1,7	56	20	24	13	27	16	15	8	84	6	84	67	55	8	55	34	14	48	-	-	7	63	-	-	-	-	372	521
1,8	53	23	22	12	26	18	13	7	79	7	79	60	52	9	52	30	13	53	-	-	7	71	-	-	-	-	347	500
1,9	50	25	19	11	25	20	12	7	75	8	75	54	50	10	48	27	13	59	-	-	6	79	-	-	-	-	323	473
2	48	28	17	10	23	22	11	6	71	9	71	48	47	11	44	24	12	66	-	-	6	88	-	-	-	-	302	453
2,1	45	31	16	9	22	24	10	5	68	10	68	44	45	12	40	22	11	73	-	-	6	97	-	-	-	-	283	428
2,2	43	33	14	8	21	26	9	5	65	10	65	40	43	14	36	20	11	80	-	-	5	106	-	-	-	-	265	409
2,3	41	37	13	7	20	28	8	-	62	11	62	37	41	15	33	18	10	87	-	-	5	116	-	-	-	-	-	387
2,4	40	40	12	7	19	31	8	-	59	12	59	34	39	16	30	17	10	95	-	-	5	126	-	-	-	-	-	369
2,5	38	43	11	6	19	35	7	-	57	13	56	31	38	18	28	16	10	103	-	-	5	137	-	-	-	-	-	350
2,6	37	47	10	6	18	37	6	-	55	14	52	29	36	19	26	14	9	111	-	-	5	148	-	-	-	-	-	333
2,7	35	50	10	5	17	39	6	-	53	15	48	27	35	20	24	13	9	120	-	-	4	159	-	-	-	-	-	319
2,8	34	54	9	-	16	41	6	-	51	17	45	25	33	21	22	12	8	129	-	-	4	171	-	-	-	-	-	302
2,9	33	58	8	-	16	45	5	-	49	18	42	23	32	23	21	12	8	138	-	-	4	184	-	-	-	-	-	289
3	32	62	8	-	15	47	-	-	48	19	39	22	31	24	19	11	8	148	-	-	4	197	-	-	-	-	-	274



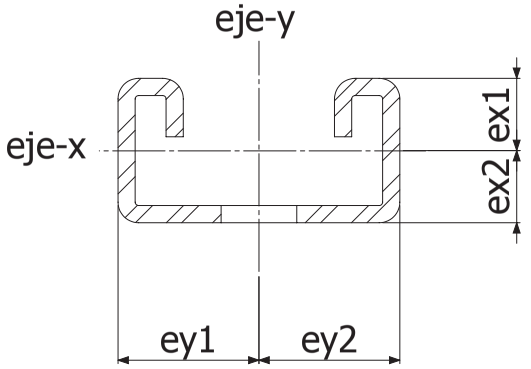
PERFIL 41x21x2

Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	1,05E-8 m4
Momento de inercia, Iy	4,82E-8 m4
Area seccion bruta	2,06E-4 m2
Area seccion neta	1,84E-4 m2
Radio giro eje x	7,55E-3 m
Radio giro eje y	1,62E-2 m
ex1	9,97E-3 m
ex2	1,10E-2 m
ey1	2,05E-2 m
ey2	2,05E-2 m
Módulo resistente eje x	9,52E-7 m3
Módulo resistente eje y	2,35E-6 m3
Momento flector máximo	1,43E+2 Nm

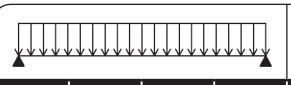


Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	1142	1	1142	1142	570	1	570	570	1713	1	1713	1713	1141	1	1141	1141	285	1	285	285	143	1	143	143	876	881	881	881
0,2	571	1	571	571	285	1	285	285	856	1	856	856	570	1	570	570	143	1	143	122	71	1	71	46	846	876	881	881
0,3	381	1	381	381	190	1	190	190	571	1	571	571	380	1	380	380	95	2	95	54	48	2	37	20	773	865	876	881
0,4	285	2	285	285	142	1	142	142	428	1	428	428	285	1	285	285	71	3	55	31	36	4	21	11	663	846	865	876
0,5	228	2	228	188	114	2	114	114	343	1	343	343	228	1	228	228	57	5	35	20	29	6	13	7	545	816	857	870
0,6	190	3	190	131	95	2	95	82	285	1	285	285	190	1	190	190	48	6	24	14	24	8	9	5	448	773	841	865
0,7	163	4	163	96	81	3	81	60	245	1	245	245	163	2	163	163	41	8	18	10	20	11	7	-	366	721	821	857
0,8	143	5	132	73	71	4	71	46	214	2	214	214	142	2	142	142	36	11	14	8	18	14	5	-	-	663	791	846
0,9	127	6	104	58	63	5	63	36	190	2	190	190	126	3	126	126	32	14	11	6	16	18	-	-	-	600	758	834
1	114	7	85	47	57	6	53	29	171	3	171	171	114	3	114	114	29	17	9	-	14	22	-	-	-	545	721	816
1,1	104	9	70	39	51	7	44	24	156	3	156	156	103	4	103	97	26	20	7	-	13	27	-	-	-	494	676	798
1,2	95	10	59	33	47	8	37	20	143	3	143	143	95	4	95	82	24	24	6	-	12	32	-	-	-	448	636	773
1,3	88	12	50	28	43	9	31	17	132	4	132	132	87	5	87	70	22	28	5	-	11	37	-	-	-	403	596	746
1,4	82	14	43	24	40	11	27	15	122	4	122	120	81	6	81	60	20	32	-	-	10	43	-	-	-	366	558	721
1,5	76	16	38	21	38	13	24	13	114	5	114	104	76	7	76	52	19	37	-	-	10	49	-	-	-	333	517	690
1,6	71	18	33	18	35	14	21	11	107	6	107	92	71	7	71	46	18	42	-	-	9	56	-	-	-	-	483	663
1,7	67	20	29	16	33	16	18	10	101	6	101	81	67	8	67	41	17	47	-	-	8	63	-	-	-	-	450	632
1,8	63	22	26	15	31	18	16	9	95	7	95	73	63	9	63	36	16	53	-	-	8	70	-	-	-	-	421	600
1,9	60	25	23	13	30	20	15	8	90	8	90	65	60	10	59	33	15	59	-	-	8	78	-	-	-	-	391	574
2	57	27	21	12	28	22	13	7	86	9	86	59	57	11	53	29	14	65	-	-	7	87	-	-	-	-	366	545
2,1	54	30	19	11	27	24	12	7	82	9	82	53	54	12	48	27	14	72	-	-	7	96	-	-	-	-	343	517
2,2	52	33	17	10	25	26	11	6	78	10	78	49	51	13	44	24	13	79	-	-	6	105	-	-	-	-	-	494
2,3	50	36	16	9	24	28	10	6	74	11	74	44	49	15	40	22	12	86	-	-	6	115	-	-	-	-	-	468
2,4	48	39	15	8	23	31	9	5	71	12	71	41	47	16	37	20	12	94	-	-	6	125	-	-	-	-	-	448
2,5	46	43	14	8	22	33	8	-	69	13	68	38	45	17	34	19	11	102	-	-	6	135	-	-	-	-	-	424
2,6	44	46	13	7	21	35	8	-	66	14	63	35	43	18	31	17	11	110	-	-	5	146	-	-	-	-	-	403
2,7	42	50	12	6	21	40	7	-	63	15	58	32	42	20	29	16	11	119	-	-	5	158	-	-	-	-	-	385
2,8	41	53	11	6	20	42	7	-	61	16	54	30	40	21	27	15	10	127	-	-	5	170	-	-	-	-	-	366
2,9	39	57	10	6	19	44	6	-	59	18	50	28	39	23	25	14	10	137	-	-	5	182	-	-	-	-	-	348
3	38	61	9	5	19	49	6	-	57	19	47	26	38	25	24	13	10	146	-	-	5	195	-	-	-	-	-	333

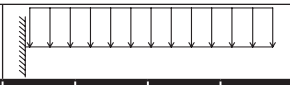
BEBasor
CABLE TRAY SPECIALIST

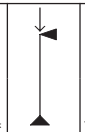
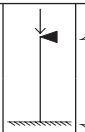
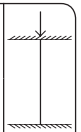


PERFIL 41x21x2,5	
Tensión admisible	1,50E+8 N/m²
Momento de inercia, Ix	1,17E-8 m4
Momento de inercia, Iy	5,60E-8 m4
Área sección bruta	2,46E-4 m2
Área sección neta	2,14E-4 m2
Radio giro eje x	7,40E-3 m
Radio giro eje y	1,62E-2 m
ex1	1,09E-2 m
ex2	1,01E-2 m
ey1	2,05E-2 m
ey2	2,05E-2 m
Módulo resistente eje x	1,08E-6 m3
Módulo resistente eje y	2,73E-6 m3
Momento flector máximo	1,61E+2 Nm

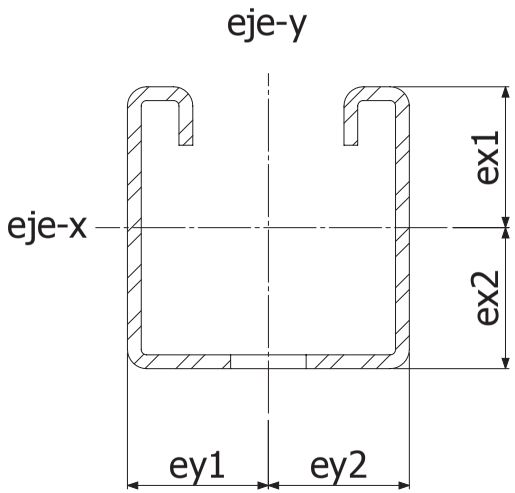






Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	ß =2 Carga puntual max (kg) aplicada en la cara exterior	ß =1 Carga puntual max (kg) aplicada en la cara exterior	ß =0,7 Carga puntual max (kg) aplicada en la cara exterior	ß =0,5 Carga puntual max (kg) aplicada en la cara exterior
0,1	1290	1	1290	1290	645	1	645	645	1935	1	1935	1935	1290	1	1290	1290	323	1	323	323	161	1	161	161	1007	1013	1013	1013
0,2	645	1	645	645	322	1	322	322	968	1	968	968	645	1	645	645	161	1	161	137	81	1	81	51	970	1007	1013	1013
0,3	430	1	430	430	215	1	215	215	645	1	645	645	430	1	430	430	108	2	108	61	54	2	41	23	882	991	1003	1010
0,4	323	2	323	323	161	1	161	161	484	1	484	484	322	1	322	322	81	3	61	34	40	4	23	13	748	970	994	1007
0,5	258	2	258	210	129	2	129	129	387	1	387	387	258	1	258	258	65	5	39	22	32	6	15	8	615	936	982	1000
0,6	215	3	215	146	107	2	107	91	323	1	323	323	215	1	215	215	54	6	27	15	27	8	10	6	501	882	964	991
0,7	184	4	184	107	92	3	92	67	276	2	276	276	184	2	184	184	46	9	20	11	23	11	8	-	411	821	939	982
0,8	161	5	148	82	80	4	80	51	242	2	242	242	161	2	161	161	40	11	15	9	20	14	6	-	-	748	907	970
0,9	143	6	117	65	71	5	71	40	215	2	215	215	143	3	143	143	36	14	12	7	18	18	-	-	-	683	863	956
1	129	7	94	52	64	6	59	33	194	3	194	194	129	3	129	129	32	17	10	5	16	22	-	-	-	615	821	936
1,1	117	9	78	43	58	7	49	27	176	3	176	176	117	4	117	108	29	20	8	-	15	27	-	-	-	557	770	909
1,2	108	10	66	36	53	8	41	23	161	3	161	161	107	4	107	91	27	24	7	-	13	32	-	-	-	501	723	882
1,3	99	12	56	31	49	10	35	19	149	4	149	149	99	5	99	78	25	28	6	-	12	37	-	-	-	455	677	854
1,4	92	14	48	27	46	11	30	17	138	5	138	134	92	6	92	67	23	33	5	-	12	43	-	-	-	411	628	821
1,5	86	16	42	23	43	13	26	15	129	5	129	117	86	7	86	58	22	37	-	-	11	50	-	-	-	-	588	785
1,6	81	18	37	20	40	14	23	13	121	6	121	102	80	7	80	51	20	42	-	-	10	56	-	-	-	-	545	748
1,7	76	20	33	18	37	16	20	11	114	6	114	91	75	8	75	45	19	48	-	-	9	64	-	-	-	-	508	718
1,8	72	23	29	16	35	18	18	10	108	7	108	81	71	9	71	40	18	54	-	-	9	71	-	-	-	-	472	683
1,9	68	25	26	15	33	20	16	9	102	8	102	73	67	10	65	36	17	60	-	-	8	79	-	-	-	-	442	648
2	65	28	24	13	32	22	15	8	97	9	97	66	64	11	59	33	16	66	-	-	8	88	-	-	-	-	411	615
2,1	61	31	21	12	30	24	13	7	92	10	92	59	61	12	54	30	15	73	-	-	8	97	-	-	-	-	385	588
2,2	59	34	20	11	29	27	12	7	88	10	88	54	58	14	49	27	15	80	-	-	7	106	-	-	-	-	-	557
2,3	56	37	18	10	28	29	11	6	84	11	84	50	56	15	45	25	14	87	-	-	7	116	-	-	-	-	-	529
2,4	54	40	16	9	26	31	10	6	81	12	81	46	53	16	41	23	13	95	-	-	7	126	-	-	-	-	-	501
2,5	52	43	15	8	25	34	9	5	77	13	76	42	51	17	38	21	13	103	-	-	6	137	-	-	-	-	-	479
2,6	50	47	14	8	24	36	9	-	74	14	70	39	49	19	35	19	12	111	-	-	6	148	-	-	-	-	-	455
2,7	48	50	13	7	23	39	8	-	72	15	65	36	47	20	32	18	12	120	-	-	6	160	-	-	-	-	-	432
2,8	46	54	12	7	23	43	8	-	69	17	60	33	46	22	30	17	12	129	-	-	6	172	-	-	-	-	-	411
2,9	44	58	11	6	22	46	7	-	67	18	56	31	44	23	28	16	11	138	-	-	6	184	-	-	-	-	-	393
3	43	62	10	6	21	49	7	-	65	19	52	29	43	25	26	15	11	148	-	-	5	197	-	-	-	-	-	-

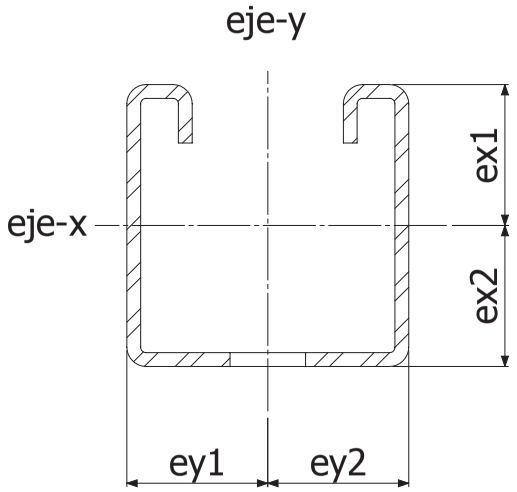


PERFIL 41x41x1,5	
Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	4,29E-08 m4
Momento de inercia, Iy	5,99E-08 m4
Área sección bruta	2,15E-04 m2
Área sección neta	1,95E-04 m2
Radio giro eje x	1,48E-02 m
Radio giro eje y	1,75E-02 m
ex1	2,05E-02 m
ex2	2,05E-02 m
ey1	2,05E-02 m
ey2	2,05E-02 m
Módulo resistente eje x	2,09E-06 m3
Módulo resistente eje y	2,92E-06 m3
Momento flector máximo	3,14E+02 Nm



Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	2508	1	2508	2508	1254	1	1254	1254	3762	1	3762	3762	2508	1	2508	2508	627	1	627	627	314	1	314	314	1004	1004	1004	1004
0,2	1254	1	1254	1254	627	1	627	627	1881	1	1881	1881	1254	1	1254	1254	314	1	314	314	157	1	157	157	997	1004	1004	1004
0,3	836	1	836	836	418	1	418	418	1254	1	1254	1254	836	1	836	836	209	1	209	209	105	2	105	83	980	1000	1004	1004
0,4	627	1	627	627	313	1	313	313	941	1	941	941	627	1	627	627	157	2	157	125	78	2	78	47	958	997	1004	1004
0,5	502	1	502	502	250	1	250	250	752	1	752	752	501	1	501	501	125	3	125	80	63	3	54	30	921	990	997	1004
0,6	418	2	418	418	209	2	209	209	627	1	627	627	418	1	418	418	105	4	100	56	52	5	38	21	870	980	993	1000
0,7	358	2	358	358	179	2	179	179	537	1	537	537	358	1	358	358	90	5	74	41	45	6	28	15	801	970	990	997
0,8	314	3	314	300	156	2	156	156	470	1	470	470	313	1	313	313	78	6	56	31	39	8	21	12	731	958	983	997
0,9	279	3	279	237	139	3	139	139	418	1	418	418	278	2	278	278	70	8	45	25	35	10	17	9	658	942	977	993
1	251	4	251	192	125	3	125	120	376	2	376	376	250	2	250	250	63	9	36	20	31	12	14	8	594	921	970	990
1,1	228	5	228	159	114	4	114	99	342	2	342	342	228	2	228	228	57	11	30	17	29	15	11	6	532	893	964	983
1,2	209	6	209	134	104	5	104	83	314	2	314	314	209	3	209	209	52	13	25	14	26	17	9	5	480	870	951	980
1,3	193	7	193	114	96	5	96	71	289	2	289	289	192	3	192	192	48	15	21	12	24	20	8	-	431	835	939	977
1,4	179	8	177	98	89	6	89	61	269	3	269	269	179	3	179	179	45	18	18	10	22	23	7	-	390	801	924	970
1,5	167	9	154	85	83	7	83	53	251	3	251	251	167	4	167	167	42	20	16	9	21	27	6	-	-	763	910	964
1,6	157	10	135	75	78	8	78	47	235	3	235	235	156	4	156	156	39	23	14	8	20	30	5	-	-	731	891	958
1,7	148	11	120	67	73	9	73	42	221	4	221	221	147	5	147	147	37	26	12	7	18	34	-	-	-	694	870	948
1,8	139	12	107	59	69	10	67	37	209	4	209	209	139	5	139	139	35	29	11	6	17	38	-	-	-	658	849	942
1,9	132	14	96	53	66	11	60	33	198	4	198	198	132	6	132	132	33	32	10	6	17	42	-	-	-	623	825	930
2	125	15	87	48	62	12	54	30	188	5	188	188	125	6	125	120	31	35	9	5	16	47	-	-	-	594	801	921
2,1	119	16	78	44	59	13	49	27	179	5	179	179	119	7	119	109	30	39	8	-	15	52	-	-	-	562	773	910
2,2	114	18	72	40	57	15	45	25	171	6	171	171	114	8	114	99	29	43	7	-	14	57	-	-	-	532	753	893
2,3	109	20	65	36	54	16	41	23	164	6	164	164	109	8	109	91	27	46	7	-	14	62	-	-	-	503	725	883
2,4	105	21	60	33	52	17	38	21	157	7	157	157	104	9	104	83	26	51	6	-	13	67	-	-	-	480	699	870
2,5	100	23	55	31	50	19	35	19	150	7	150	150	100	10	100	77	25	55	6	-	13	73	-	-	-	454	674	849
2,6	96	25	51	28	48	20	32	18	145	8	145	142	96	10	96	71	24	59	5	-	12	79	-	-	-	431	653	835
2,7	93	27	47	26	46	21	30	16	139	8	139	132	92	11	92	66	23	64	-	-	12	85	-	-	-	408	627	816
2,8	90	29	44	25	44	23	28	15	134	9	134	123	89	12	89	61	22	69	-	-	11	91	-	-	-	390	603	801
2,9	86	31	41	23	43	25	26	14	130	10	130	114	86	13	86	57	22	74	-	-	11	98	-	-	-	370	585	783
3	84	33	38	21	41	26	24	13	125	10	125	107	83	13	83	53	21	79	-	-	10	105	-	-	-	-	562	763

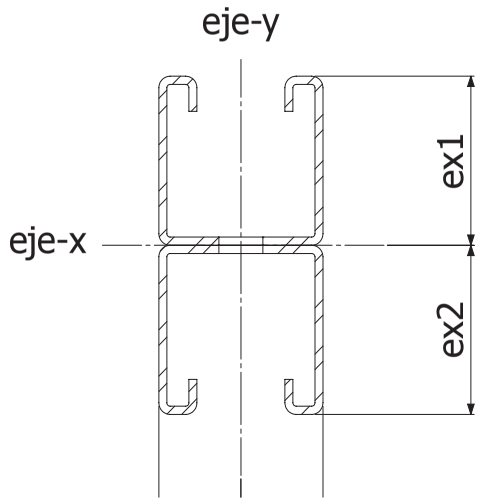
BEBasor
CABLE TRAY SPECIALIST



PERFIL 41x41x2,5	
Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	6,56E-08 m4
Momento de inercia, Iy	9,32E-08 m4
Área sección bruta	3,46E-04 m2
Área sección neta	3,13E-04 m2
Radio giro eje x	1,45E-02 m
Radio giro eje y	1,73E-02 m
ex1	2,07E-02 m
ex2	2,03E-02 m
ey1	2,05E-02 m
ey2	2,05E-02 m
Módulo resistente eje x	3,16E-06 m3
Módulo resistente eje y	4,54E-06 m3
Momento flector máximo	4,74E+02 Nm



Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	3795	1	3795	3795	1897	1	1897	1897	5692	1	5692	5692	3794	1	3794	3794	949	1	949	949	474	1	474	474	1538	1538	1538	1538
0,2	1897	1	1897	1897	948	1	948	948	2846	1	2846	2846	1897	1	1897	1897	474	1	474	474	237	1	237	237	1528	1538	1538	1538
0,3	1265	1	1265	1265	632	1	632	632	1897	1	1897	1897	1264	1	1264	1264	316	1	316	316	158	2	158	127	1504	1533	1538	1538
0,4	949	1	949	949	474	1	474	474	1423	1	1423	1423	948	1	948	948	237	2	237	191	119	2	119	72	1466	1528	1538	1538
0,5	759	1	759	759	379	1	379	379	1138	1	1138	1138	758	1	758	758	190	3	190	122	95	3	83	46	1405	1514	1528	1538
0,6	632	2	632	632	316	2	316	316	949	1	949	949	632	1	632	632	158	4	153	85	79	5	57	32	1326	1504	1523	1533
0,7	542	2	542	542	271	2	271	271	813	1	813	813	542	1	542	542	136	5	112	62	68	6	42	23	1222	1490	1519	1528
0,8	474	3	474	459	237	2	237	237	712	1	712	712	474	1	474	474	119	6	86	48	59	8	32	18	1109	1466	1509	1528
0,9	422	3	422	363	210	3	210	210	632	1	632	632	421	2	421	421	105	7	68	38	53	10	25	14	1001	1439	1499	1519
1	379	4	379	294	189	3	189	184	569	2	569	569	379	2	379	379	95	9	55	31	47	12	21	11	899	1405	1490	1514
1,1	345	5	345	243	172	4	172	152	517	2	517	517	344	2	344	344	86	11	46	25	43	14	17	9	806	1364	1471	1509
1,2	316	6	316	204	158	5	158	127	474	2	474	474	316	3	316	316	79	13	38	21	40	17	14	8	730	1326	1457	1504
1,3	292	7	292	174	145	5	145	109	438	2	438	438	291	3	291	291	73	15	33	18	36	20	12	7	657	1275	1439	1499
1,4	271	8	270	150	135	6	135	94	407	3	407	407	271	3	271	271	68	17	28	16	34	23	11	6	593	1222	1418	1490
1,5	253	9	235	131	126	7	126	82	379	3	379	379	252	4	252	252	63	20	24	14	32	26	9	5	-	1167	1388	1480
1,6	237	10	206	115	118	8	118	72	356	3	356	356	237	4	237	237	59	23	22	12	30	30	8	-	-	1109	1360	1466
1,7	223	11	183	102	111	9	111	64	335	4	335	335	223	5	223	223	56	25	19	11	28	34	7	-	-	1055	1326	1457
1,8	211	12	163	91	105	10	102	57	316	4	316	316	210	5	210	210	53	28	17	9	26	38	6	-	-	1001	1289	1439
1,9	200	13	146	81	99	11	92	51	300	4	300	300	199	6	199	199	50	32	15	8	25	42	6	-	-	948	1261	1426
2	190	15	132	73	94	12	83	46	285	5	285	285	189	6	189	184	47	35	14	8	24	46	5	-	-	899	1222	1405
2,1	181	16	120	67	90	13	75	42	271	5	271	271	180	7	180	166	45	38	12	7	23	51	-	-	-	852	1182	1388
2,2	172	18	109	61	86	14	68	38	259	6	259	259	172	7	172	152	43	42	11	6	22	56	-	-	-	806	1142	1364
2,3	165	19	100	56	82	16	62	35	247	6	247	247	164	8	164	139	41	46	10	6	21	61	-	-	-	771	1102	1345
2,4	158	21	92	51	79	17	57	32	237	7	237	237	158	9	158	127	40	50	10	5	20	67	-	-	-	730	1062	1326
2,5	152	23	85	47	75	18	53	29	228	7	228	228	151	9	151	117	38	54	9	-	19	72	-	-	-	692	1031	1296
2,6	146	25	78	43	72	20	49	27	219	8	219	217	145	10	145	109	36	59	8	-	18	78	-	-	-	657	992	1275
2,7	141	27	73	40	70	21	45	25	211	8	211	201	140	11	140	101	35	63	8	-	18	84	-	-	-	623	956	1245
2,8	136	29	67	37	67	23	42	23	203	9	203	187	135	12	135	94	34	68	7	-	17	91	-	-	-	593	920	1222
2,9	131	31	63	35	65	24	39	22	196	10	196	175	130	12	130	87	33	73	7	-	16	97	-	-	-	-	886	1191
3	126	33	59	33	63	26	37	20	190	10	190	163	126	13	126	82	32	78	6	-	16	104	-	-	-	-	852	1167

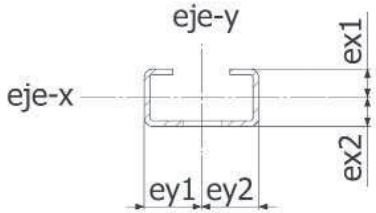


PERFIL 82x41x2,5	
Tensión admisible	1,50E+8 N/m²
Momento de inercia, Ix	3,89E-7 m4
Momento de inercia, Iy	1,87E-7 m4
Área sección bruta	6,92E-4 m2
Área sección neta	6,37E-4 m2
Radio giro eje x	2,47E-2 m
Radio giro eje y	1,71E-2 m
ex1	4,10E-2 m
ex2	4,10E-2 m
ey1	2,05E-2 m
ey2	2,05E-2 m
Módulo resistente eje x	9,49E-6 m3
Módulo resistente eje y	9,11E-6 m3
Momento flector máximo*	1,42E+3 Nm

Datos de carga para el eje habitual de trabajo del perfil (eje x)

																								ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max en el extremo (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**
0,1	11384	1	11384	11384	5691	1	5691	5691	17075	1	17075	17075	11383	1	11383	11383	2846	1	2846	2846	1423	1	1423	1423	2546	2546	2546	2546
0,2	5692	1	5692	5692	2845	1	2845	2845	8538	1	8538	8538	5691	1	5691	5691	1423	1	1423	1423	711	1	711	711	2533	2546	2546	2546
0,3	3795	1	3795	3795	1897	1	1897	1897	5692	1	5692	5692	3794	1	3794	3794	949	1	949	949	474	1	474	474	2513	2546	2546	2546
0,4	2846	1	2846	2846	1422	1	1422	1422	4269	1	4269	4269	2845	1	2845	2845	711	1	711	711	356	1	356	356	2487	2533	2546	2546
0,5	2277	1	2277	2277	1138	1	1138	1138	3415	1	3415	3415	2276	1	2276	2276	569	2	569	569	285	2	285	272	2436	2526	2540	2546
0,6	1897	1	1897	1897	948	1	948	948	2846	1	2846	2846	1897	1	1897	1897	474	2	474	474	237	3	237	189	2358	2513	2533	2546
0,7	1626	1	1626	1626	813	1	813	813	2439	1	2439	2439	1626	1	1626	1626	407	3	407	370	203	3	203	139	2263	2500	2526	2540
0,8	1423	2	1423	1423	711	1	711	711	2134	1	2134	2134	1422	1	1422	1422	356	3	356	284	178	4	178	106	2137	2487	2520	2533
0,9	1265	2	1265	1265	632	2	632	632	1897	1	1897	1897	1264	1	1264	1264	316	4	316	224	158	5	151	84	1998	2461	2513	2533
1	1138	2	1138	1138	569	2	569	569	1708	1	1708	1708	1138	1	1138	1138	285	5	285	182	142	6	123	68	1866	2436	2500	2526
1,1	1035	3	1035	1035	517	2	517	517	1552	1	1552	1552	1034	1	1034	1034	259	6	259	150	129	8	101	56	1728	2399	2493	2520
1,2	949	3	949	949	474	3	474	474	1423	1	1423	1423	948	2	948	948	237	7	227	126	119	9	85	47	1592	2358	2474	2513
1,3	876	4	876	876	437	3	437	437	1313	1	1313	1313	875	2	875	875	219	8	193	107	109	10	72	40	1477	2318	2455	2506
1,4	813	4	813	813	406	3	406	406	1220	2	1220	1220	813	2	813	813	203	9	167	93	102	12	63	35	1359	2263	2436	2500
1,5	759	5	759	759	379	4	379	379	1138	2	1138	1138	758	2	758	758	190	10	145	81	95	14	54	30	1252	2201	2418	2493
1,6	711	5	711	681	355	4	355	355	1067	2	1067	1067	711	2	711	711	178	12	128	71	89	15	48	27	1154	2137	2393	2487
1,7	670	6	670	603	334	5	334	334	1004	2	1004	1004	669	3	669	669	167	13	113	63	84	17	42	24	1073	2067	2364	2474
1,8	632	6	632	538	316	5	316	316	949	2	949	949	632	3	632	632	158	15	101	56	79	19	38	21	-	1998	2335	2461
1,9	599	7	599	483	299	6	299	299	899	2	899	899	599	3	599	599	150	16	91	50	75	21	34	19	-	1926	2301	2449
2	569	8	569	436	284	6	284	272	854	3	854	854	569	3	569	569	142	18	82	45	71	24	31	17	-	1866	2263	2436
2,1	542	9	542	395	271	7	271	247	813	3	813	813	542	4	542	542	136	20	74	41	68	26	28	15	-	1796	2221	2418
2,2	517	9	517	360	258	8	258	225	776	3	776	776	517	4	517	517	129	22	68	38	65	29	25	14	-	1728	2181	2399
2,3	495	10	495	329	247	8	247	206	742	3	742	742	494	4	494	494	124	24	62	34	62	31	23	13	-	1659	2127	2381
2,4	474	11	474	303	237	9	237	189	711	4	711	711	474	5	474	474	119	26	57	32	59	34	21	12	-	1592	2081	2358
2,5	455	12	455	279	227	10	227	174	683	4	683	683	455	5	455	455	114	28	52	29	57	37	20	11	-	1529	2032	2335
2,6	438	13	438	258	218	10	218	161	657	4	657	657	437	5	437	437	109	30	48	27	55	40	18	10	-	1477	1986	2318
2,7	422	14	422	239	210	11	210	149	632	4	632	632	421	6	421	421	105	32	45	25	53	43	17	9	-	1416	1938	2290
2,8	407	15	400	222	203	12	203	139	610	5	610	610	406	6	406	406	102	35	42	23	51	46	16	9	-	1359	1892	2263
2,9	393	16	373	207	196	13	196	129	589	5	589	589	392	7	392	392	98	37	39	22	49	49	15	8	-	1304	1844	2231
3	379	17	348	194	189	14	189	121	569	5	569	569	379	7	379	379	95	40	36	20	47	53	14	8	-	1252	1796	2201

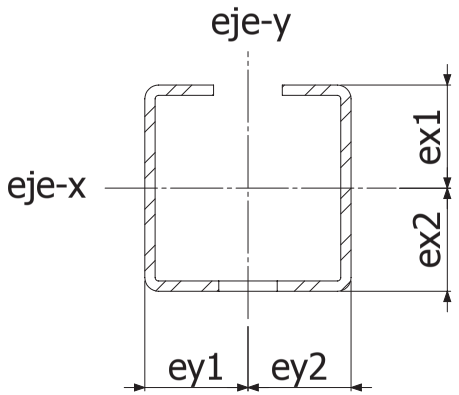
BEBasor
CABLE TRAY SPECIALIST



CT20 20x10x1	
Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	5,19E-10 m4
Momento de inercia, Iy	2,51E-09 m4
Área sección bruta	4,43E-05 m2
Área sección neta	3,79E-05 m2
Radio giro eje x	3,70E-03 m
Radio giro eje y	8,14E-03 m
ex1	5,43E-03 m
ex2	4,57E-03 m
ey1	1,00E-02 m
ey2	1,00E-02 m
Módulo resistente eje x	9,56E-08 m3
Módulo resistente eje y	2,51E-07 m3
Momento flector máximo	1,43E+01 Nm

																								ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	115	1	115	115	57	1	57	57	172	1	172	172	114	1	114	114	29	1	29	24	14	1	14	9	173	179	180	180
0,2	57	1	57	57	28	1	28	28	86	1	86	86	57	1	57	57	14	2	11	6	7	2	-	-	133	173	177	179
0,3	38	2	38	26	19	1	19	16	57	1	57	57	38	1	38	38	10	3	-	-	5	4	-	-	89	157	172	176
0,4	29	3	26	15	14	2	14	9	43	1	43	43	28	1	28	28	7	6	-	-	4	8	-	-	-	133	161	173
0,5	23	4	17	9	11	3	10	6	34	2	34	34	22	2	22	22	6	9	-	-	3	11	-	-	-	109	146	167
0,6	19	5	12	6	9	4	7	-	29	2	29	29	19	2	19	16	5	12	-	-	2	16	-	-	-	89	129	157
0,7	16	7	9	-	8	6	5	-	25	3	25	24	16	3	16	12	4	17	-	-	2	22	-	-	-	73	112	146
0,8	14	9	7	-	7	7	-	-	22	3	22	18	14	4	14	9	4	22	-	-	2	29	-	-	-	-	97	133
0,9	13	12	5	-	6	9	-	-	19	4	19	14	12	5	12	7	3	27	-	-	2	36	-	-	-	-	84	121
1	11	14	-	-	5	10	-	-	17	5	17	12	11	6	10	6	3	33	-	-	1	44	-	-	-	-	73	109
1,1	10	17	-	-	5	13	-	-	16	5	16	10	10	7	9	-	3	40	-	-	1	54	-	-	-	-	-	99
1,2	10	20	-	-	4	14	-	-	14	6	14	8	9	8	7	-	2	48	-	-	1	64	-	-	-	-	-	89
1,3	9	24	-	-	4	17	-	-	13	7	12	7	8	9	6	-	2	56	-	-	1	75	-	-	-	-	-	81
1,4	8	27	-	-	4	21	-	-	12	9	11	6	8	11	5	-	2	65	-	-	1	86	-	-	-	-	-	73
1,5	8	31	-	-	3	20	-	-	11	10	9	5	7	12	-	-	2	74	-	-	1	99	-	-	-	-	-	-
1,6	7	36	-	-	3	24	-	-	11	11	8	-	7	14	-	-	2	85	-	-	1	113	-	-	-	-	-	-
1,7	7	40	-	-	3	29	-	-	10	12	7	-	6	15	-	-	2	96	-	-	1	127	-	-	-	-	-	-
1,8	6	45	-	-	3	34	-	-	10	14	6	-	6	17	-	-	2	107	-	-	1	143	-	-	-	-	-	-
1,9	6	50	-	-	3	40	-	-	9	15	6	-	6	20	-	-	2	119	-	-	1	159	-	-	-	-	-	-
2	6	55	-	-	2	31	-	-	9	17	5	-	5	20	-	-	1	132	-	-	1	176	-	-	-	-	-	-
2,1	5	61	-	-	2	36	-	-	8	19	-	-	5	23	-	-	1	146	-	-	1	194	-	-	-	-	-	-
2,2	5	67	-	-	2	41	-	-	8	20	-	-	5	26	-	-	1	160	-	-	1	213	-	-	-	-	-	-
2,3	5	73	-	-	2	47	-	-	7	22	-	-	4	24	-	-	1	174	-	-	1	232	-	-	-	-	-	-
2,4	5	79	-	-	2	53	-	-	7	24	-	-	4	27	-	-	1	190	-	-	1	253	-	-	-	-	-	-
2,5	5	86	-	-	2	60	-	-	7	26	-	-	4	30	-	-	1	206	-	-	1	275	-	-	-	-	-	-
2,6	4	93	-	-	2	68	-	-	7	28	-	-	4	34	-	-	1	223	-	-	1	297	-	-	-	-	-	-
2,7	4	100	-	-	2	76	-	-	6	30	-	-	4	38	-	-	1	240	-	-	1	320	-	-	-	-	-	-
2,8	4	108	-	-	2	84	-	-	6	33	-	-	4	42	-	-	1	258	-	-	1	344	-	-	-	-	-	-
2,9	4	116	-	-	1	47	-	-	6	35	-	-	3	35	-	-	1	277	-	-	0	369	-	-	-	-	-	-
3	4	124	-	-	1	52	-	-	6	37	-	-	3	39	-	-	1	296	-	-	0	395	-	-	-	-	-	-

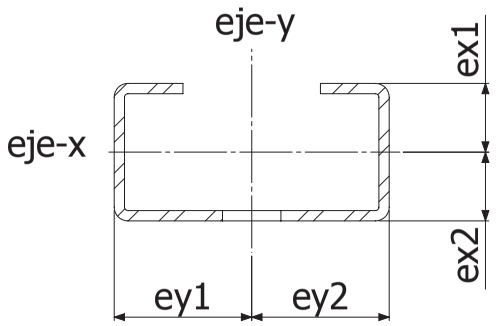
BEBasor
CABLE TRAY SPECIALIST



CT 30x30x1,5	
Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	1,41E-8 m4
Momento de inercia, Iy	2,17E-8 m4
Area seccion bruta	1,53E-4 m2
Area seccion neta	1,28E-4 m2
Radio giro eje x	1,05E-2 m
Radio giro eje y	1,30E-2 m
ex1	1,34E-2 m
ex2	1,66E-2 m
ey1	1,50E-2 m
ey2	1,50E-2 m
Módulo resistente eje x	8,51E-7 m3
Módulo resistente eje y	1,45E-6 m3
Momento flector maximo	1,28E+2 Nm

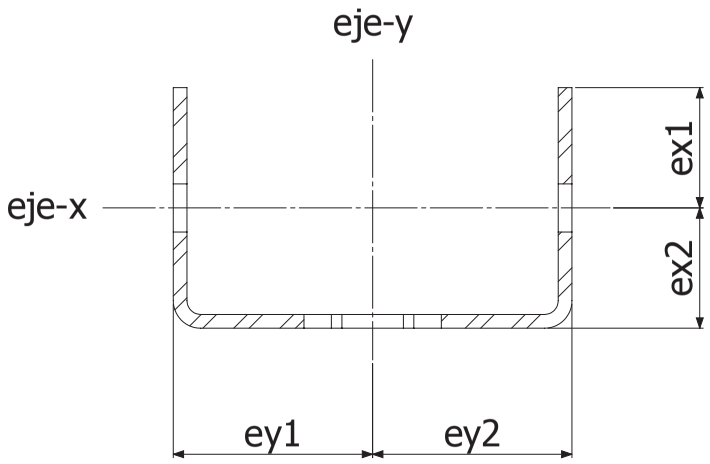
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	ß =2 Carga puntual max (kg) aplicada en la cara exterior	ß =1 Carga puntual max (kg) aplicada en la cara exterior	ß =0,7 Carga puntual max (kg) aplicada en la cara exterior	ß =0,5 Carga puntual max (kg) aplicada en la cara exterior
0,1	1022	1	1022	1022	510	1	510	510	1532	1	1532	1532	1021	1	1021	1021	255	1	255	255	128	1	128	128	549	549	549	549
0,2	511	1	511	511	255	1	255	255	766	1	766	766	510	1	510	510	128	1	128	128	64	1	64	62	540	549	549	549
0,3	341	1	341	341	170	1	170	170	511	1	511	511	340	1	340	340	85	1	85	73	43	2	43	27	524	545	549	549
0,4	255	1	255	255	127	1	127	127	383	1	383	383	255	1	255	255	64	2	64	41	32	3	28	15	494	540	546	549
0,5	204	2	204	204	102	1	102	102	306	1	306	306	204	1	204	204	51	3	47	26	26	4	18	10	450	534	543	546
0,6	170	2	170	170	85	2	85	85	255	1	255	255	170	1	170	170	43	4	33	18	21	6	12	7	401	524	540	545
0,7	146	3	146	129	72	2	72	72	219	1	219	219	145	1	145	145	36	6	24	13	18	8	9	5	351	513	536	543
0,8	128	3	128	99	63	3	63	62	192	1	192	192	127	2	127	127	32	7	19	10	16	10	7	-	307	494	528	540
0,9	114	4	114	78	56	3	56	49	170	2	170	170	113	2	113	113	28	9	15	8	14	12	5	-	268	475	523	537
1	102	5	102	63	51	4	51	40	153	2	153	153	102	2	102	102	26	11	12	7	13	15	-	-	234	450	513	534
1,1	93	6	93	52	46	5	46	33	139	2	139	139	92	3	92	92	23	14	10	5	12	18	-	-	-	427	501	530
1,2	85	7	79	44	42	6	42	27	128	2	128	128	85	3	85	85	21	16	8	-	11	21	-	-	-	401	488	524
1,3	79	8	67	37	39	7	39	23	118	3	118	118	78	4	78	78	20	19	7	-	10	25	-	-	-	377	472	520
1,4	73	9	58	32	36	7	36	20	109	3	109	109	72	4	72	72	18	22	6	-	9	29	-	-	-	351	456	513
1,5	68	11	51	28	34	9	32	18	102	4	102	102	68	5	68	68	17	25	5	-	9	33	-	-	-	330	440	505
1,6	64	12	44	25	31	9	28	15	96	4	96	96	63	5	63	62	16	28	-	-	8	37	-	-	-	307	422	494
1,7	60	13	39	22	30	11	25	14	90	4	90	90	60	6	60	55	15	32	-	-	8	42	-	-	-	288	403	487
1,8	57	15	35	20	28	12	22	12	85	5	85	85	56	6	56	49	14	35	-	-	7	47	-	-	-	268	387	475
1,9	54	17	32	18	26	13	20	11	81	5	81	81	53	7	53	44	13	39	-	-	7	52	-	-	-	251	369	463
2	51	18	28	16	25	15	18	10	77	6	77	77	51	8	51	40	13	44	-	-	6	58	-	-	-	234	351	450
2,1	49	20	26	14	24	16	16	9	73	6	73	72	48	8	48	36	12	48	-	-	6	64	-	-	-	220	337	440
2,2	46	22	24	13	23	18	15	8	70	7	70	65	46	9	46	33	12	53	-	-	6	70	-	-	-	-	320	427
2,3	44	24	22	12	22	19	13	7	67	8	67	60	44	10	44	30	11	57	-	-	6	76	-	-	-	-	305	413
2,4	43	26	20	11	21	21	12	7	64	8	64	55	42	11	42	27	11	62	-	-	5	83	-	-	-	-	292	401
2,5	41	29	18	10	20	22	11	6	61	9	61	51	40	11	40	25	10	68	-	-	5	90	-	-	-	-	277	387
2,6	39	31	17	9	19	24	11	6	59	10	59	47	39	13	39	23	10	73	-	-	5	98	-	-	-	-	264	377
2,7	38	33	16	9	18	25	10	5	57	10	57	43	37	13	37	22	9	79	-	-	5	105	-	-	-	-	253	364
2,8	36	36	15	8	18	28	9	5	55	11	55	40	36	14	36	20	9	85	-	-	5	113	-	-	-	-	241	351
2,9	35	38	14	8	17	30	8	-	53	12	53	38	35	15	34	19	9	91	-	-	4	121	-	-	-	-	230	339
3	34	41	13	7	17	33	8	-	51	13	51	35	34	17	32	18	9	97	-	-	4	130	-	-	-	-	220	330

BEBasor
CABLE TRAY SPECIALIST



CT 40x20x1,5	
Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	7,23E-09 m4
Momento de inercia, Iy	3,21E-08 m4
Área sección bruta	1,36E-04 m2
Área sección neta	1,24E-04 m2
Radio giro eje x	7,64E-03 m
Radio giro eje y	1,61E-02 m
ex1	1,13E-02 m
ex2	8,71E-03 m
ey1	2,00E-02 m
ey2	2,00E-02 m
Módulo resistente eje x	6,40E-07 m3
Módulo resistente eje y	1,60E-06 m3
Momento flector máximo	9,60E+01 Nm

																								ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max en el extremo (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**
0,1	768	1	768	768	384	1	384	384	1152	1	1152	1152	768	1	768	768	192	1	192	192	96	1	96	96	580	583	583	583
0,2	384	1	384	384	192	1	192	192	576	1	576	576	384	1	384	384	96	1	96	84	48	1	48	32	560	580	583	583
0,3	256	1	256	256	128	1	128	128	384	1	384	384	256	1	256	256	64	2	64	37	32	2	25	14	515	572	580	583
0,4	192	2	192	192	96	1	96	96	288	1	288	288	192	1	192	192	48	3	38	21	24	4	14	8	444	560	574	580
0,5	154	2	154	129	76	2	76	76	230	1	230	230	153	1	153	153	38	4	24	13	19	6	9	5	368	542	567	576
0,6	128	3	128	90	64	2	64	56	192	1	192	192	128	1	128	128	32	6	17	9	16	8	6	-	300	515	559	572
0,7	110	4	110	66	54	3	54	41	165	1	165	165	109	2	109	109	27	8	12	7	14	11	-	-	248	482	544	567
0,8	96	5	91	51	48	4	48	32	144	2	144	144	96	2	96	96	24	11	9	5	12	14	-	-	-	444	527	560
0,9	85	6	72	40	42	5	42	25	128	2	128	128	85	3	85	85	21	13	7	-	11	18	-	-	-	405	505	554
1	77	7	58	32	38	6	36	20	115	2	115	115	76	3	76	76	19	16	6	-	10	22	-	-	-	368	482	542
1,1	70	8	48	27	34	7	30	17	105	3	105	105	69	4	69	67	17	20	5	-	9	26	-	-	-	334	456	531
1,2	64	10	40	22	32	8	25	14	96	3	96	96	64	4	64	56	16	23	-	-	8	31	-	-	-	300	428	515
1,3	59	12	34	19	29	9	22	12	89	4	89	89	59	5	59	48	15	27	-	-	7	36	-	-	-	272	399	497
1,4	55	13	30	17	27	11	19	10	82	4	82	82	54	6	54	41	14	32	-	-	7	42	-	-	-	248	374	482
1,5	51	15	26	14	25	12	16	9	77	5	77	72	51	6	51	36	13	36	-	-	6	48	-	-	-	225	349	461
1,6	48	17	23	13	24	14	14	8	72	6	72	63	48	7	48	32	12	41	-	-	6	54	-	-	-	-	327	444
1,7	45	20	20	11	22	15	13	7	68	6	68	56	45	8	45	28	11	46	-	-	6	61	-	-	-	-	305	423
1,8	43	22	18	10	21	17	11	6	64	7	64	50	42	9	42	25	11	52	-	-	5	69	-	-	-	-	285	405
1,9	40	24	16	9	20	19	10	6	61	8	61	45	40	10	40	22	10	58	-	-	5	77	-	-	-	-	265	385
2	38	27	15	8	19	21	9	5	58	8	58	40	38	11	36	20	10	64	-	-	5	85	-	-	-	-	248	368
2,1	37	30	13	7	18	23	8	-	55	9	55	37	36	12	33	18	9	70	-	-	5	94	-	-	-	-	232	349
2,2	35	32	12	7	17	25	8	-	52	10	52	33	34	13	30	17	9	77	-	-	4	103	-	-	-	-	-	334
2,3	33	35	11	6	16	27	7	-	50	11	50	31	33	14	28	15	8	84	-	-	4	112	-	-	-	-	-	317
2,4	32	38	10	6	16	31	6	-	48	12	48	28	32	16	25	14	8	92	-	-	4	122	-	-	-	-	-	300
2,5	31	42	9	5	15	33	6	-	46	13	46	26	30	17	23	13	8	99	-	-	4	132	-	-	-	-	-	287
2,6	30	45	9	-	14	34	5	-	44	14	43	24	29	18	22	12	7	107	-	-	4	143	-	-	-	-	-	272
2,7	28	49	8	-	14	38	-	-	43	15	40	22	28	19	20	11	7	116	-	-	4	154	-	-	-	-	-	261
2,8	27	52	7	-	13	40	-	-	41	16	37	21	27	21	19	10	7	125	-	-	3	166	-	-	-	-	-	248
2,9	26	56	7	-	13	44	-	-	40	17	35	19	26	22	17	10	7	134	-	-	3	178	-	-	-	-	-	237
3	26	60	6	-	12	45	-	-	38	18	32	18	25	24	16	9	6	143	-	-	3	190	-	-	-	-	-	225

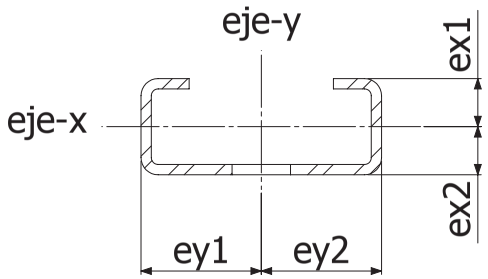


PERFIL COLGANTE

Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	2,53E-08 m4
Momento de inercia, Iy	1,10E-07 m4
Área sección bruta	2,45E-04 m2
Área sección neta	1,76E-04 m2
Radio giro eje x	1,20E-02 m
Radio giro eje y	2,50E-02 m
ex1	2,35E-02 m
ex2	1,15E-02 m
ey1	2,90E-02 m
ey2	2,90E-02 m
Módulo resistente eje x	1,08E-06 m3
Módulo resistente eje y	3,79E-06 m3
Momento flector máximo	1,61E+02 Nm

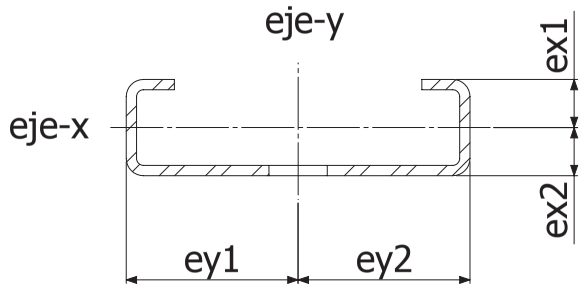
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	ß =2 Carga puntual max (kg) aplicada en la cara exterior	ß =1 Carga puntual max (kg) aplicada en la cara exterior	ß =0,7 Carga puntual max (kg) aplicada en la cara exterior	ß =0,5 Carga puntual max (kg) aplicada en la cara exterior
0,1	1291	1	1291	1291	645	1	645	645	1937	1	1937	1937	1291	1	1291	1291	323	1	323	323	161	1	161	161	544	544	544	544
0,2	646	1	646	646	322	1	322	322	968	1	968	968	645	1	645	645	161	1	161	161	81	1	81	81	540	544	544	544
0,3	430	1	430	430	215	1	215	215	646	1	646	646	430	1	430	430	108	1	108	108	54	1	54	49	532	542	544	544
0,4	323	1	323	323	161	1	161	161	484	1	484	484	322	1	322	322	81	2	81	74	40	2	40	28	518	540	542	544
0,5	258	1	258	258	129	1	129	129	387	1	387	387	258	1	258	258	65	2	65	47	32	3	32	18	492	537	541	543
0,6	215	2	215	215	107	1	107	107	323	1	323	323	215	1	215	215	54	3	54	33	27	4	22	12	461	532	539	542
0,7	184	2	184	184	92	2	92	92	277	1	277	277	184	1	184	184	46	4	43	24	23	5	16	9	424	526	537	541
0,8	161	3	161	161	80	2	80	80	242	1	242	242	161	1	161	161	40	5	33	18	20	7	12	7	387	518	534	540
0,9	143	3	143	140	71	3	71	71	215	1	215	215	143	2	143	143	36	7	26	15	18	9	10	5	353	507	530	538
1	129	4	129	113	64	3	64	64	194	1	194	194	129	2	129	129	32	8	21	12	16	11	8	-	319	492	526	537
1,1	117	4	117	94	58	4	58	58	176	2	176	176	117	2	117	117	29	10	18	10	15	13	7	-	288	478	520	534
1,2	108	5	108	79	53	4	53	49	161	2	161	161	107	2	107	107	27	11	15	8	13	15	6	-	262	461	514	532
1,3	99	6	99	67	49	5	49	42	149	2	149	149	99	3	99	99	25	13	13	7	12	18	-	-	-	442	506	529
1,4	92	7	92	58	46	5	46	36	138	2	138	138	92	3	92	92	23	15	11	6	12	20	-	-	-	424	496	526
1,5	86	8	86	50	43	6	43	31	129	3	129	129	86	3	86	86	22	18	9	5	11	23	-	-	-	407	485	522
1,6	81	9	80	44	40	7	40	28	121	3	121	121	80	4	80	80	20	20	8	-	10	26	-	-	-	387	474	518
1,7	76	10	71	39	37	8	37	25	114	3	114	114	75	4	75	75	19	22	7	-	9	30	-	-	-	369	461	513
1,8	72	11	63	35	35	9	35	22	108	4	108	108	71	5	71	71	18	25	7	-	9	33	-	-	-	353	451	507
1,9	68	12	57	31	33	9	33	20	102	4	102	102	67	5	67	67	17	28	6	-	8	37	-	-	-	334	438	499
2	65	13	51	28	32	11	32	18	97	4	97	97	64	6	64	64	16	31	5	-	8	41	-	-	-	319	424	492
2,1	61	14	46	26	30	11	29	16	92	5	92	92	61	6	61	61	15	34	-	-	8	45	-	-	-	304	411	485
2,2	59	16	42	23	29	13	26	15	88	5	88	88	58	7	58	58	15	37	-	-	7	49	-	-	-	288	398	478
2,3	56	17	39	21	28	14	24	13	84	6	84	84	56	7	56	54	14	41	-	-	7	54	-	-	-	274	385	470
2,4	54	19	35	20	26	15	22	12	81	6	81	81	53	8	53	49	13	44	-	-	7	59	-	-	-	262	374	461
2,5	52	20	33	18	25	16	20	11	77	6	77	77	51	8	51	45	13	48	-	-	6	64	-	-	-	-	361	451
2,6	50	22	30	17	24	17	19	10	74	7	74	74	49	9	49	42	12	52	-	-	6	69	-	-	-	-	348	442
2,7	48	24	28	16	23	18	17	10	72	7	72	72	47	10	47	39	12	56	-	-	6	74	-	-	-	-	336	433
2,8	46	25	26	14	23	20	16	9	69	8	69	69	46	10	46	36	12	60	-	-	6	80	-	-	-	-	324	424
2,9	45	27	24	13	22	22	15	8	67	8	67	67	44	11	44	34	11	64	-	-	6	86	-	-	-	-	313	415
3	43	29	23	13	21	23	14	8	65	9	65	63	43	12	43	31	11	69	-	-	5	92	-	-	-	-	304	407

BEBasor
CABLE TRAY SPECIALIST



RA 35x14x1,5	
Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	2,83E-9 m4
Momento de inercia, Iy	1,82E-8 m4
Area seccion bruta	9,82E-5 m2
Area seccion neta	1,11E-4 m2
Radio giro eje x	5,05E-3 m
Radio giro eje y	1,28E-2 m
ex1	6,38E-3 m
ex2	7,62E-3 m
ey1	1,75E-2 m
ey2	1,75E-2 m
Módulo resistente eje x	3,72E-7 m3
Módulo resistente eje y	1,04E-6 m3
Momento flector maximo	5,58E+1 Nm

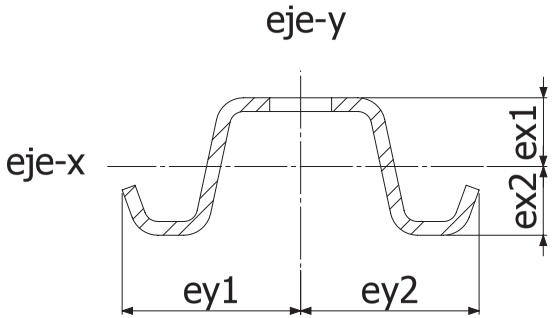
																								ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max en el extremo (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**
0,1	446	1	446	446	223	1	223	223	669	1	669	669	446	1	446	446	112	1	112	112	56	1	56	50	499	508	508	508
0,2	223	1	223	223	111	1	111	111	335	1	335	335	223	1	223	223	56	1	56	33	28	2	22	12	448	499	505	508
0,3	149	1	149	141	74	1	74	74	223	1	223	223	148	1	148	148	37	3	26	15	19	3	10	6	354	482	498	504
0,4	112	2	112	79	55	2	55	50	167	1	167	167	111	1	111	111	28	4	15	8	14	5	6	-	264	448	486	499
0,5	89	3	89	51	44	2	44	32	134	1	134	134	89	1	89	89	22	6	10	5	11	8	-	-	199	405	467	492
0,6	74	4	63	35	37	3	37	22	112	2	112	112	74	2	74	74	19	9	7	-	9	12	-	-	-	354	440	482
0,7	64	5	47	26	31	4	29	16	96	2	96	96	63	2	63	63	16	12	-	-	8	16	-	-	-	306	410	467
0,8	56	7	36	20	27	5	22	12	84	2	84	84	55	3	55	50	14	15	-	-	7	20	-	-	-	264	374	448
0,9	50	8	28	16	24	7	18	10	74	3	74	74	49	4	49	39	12	19	-	-	6	26	-	-	-	228	339	426
1	45	10	23	13	22	8	14	8	67	3	67	63	44	4	44	32	11	24	-	-	6	32	-	-	-	199	306	405
1,1	41	12	19	10	20	10	12	7	61	4	61	52	40	5	40	26	10	29	-	-	5	38	-	-	-	-	275	379
1,2	37	15	16	9	18	11	10	6	56	5	56	44	37	6	37	22	9	34	-	-	5	45	-	-	-	-	248	354
1,3	34	17	14	8	17	14	8	-	51	5	51	38	34	7	34	19	9	40	-	-	4	53	-	-	-	-	224	329
1,4	32	20	12	6	15	15	7	-	48	6	48	32	31	8	29	16	8	46	-	-	4	62	-	-	-	-	204	306
1,5	30	22	10	6	14	17	6	-	45	7	45	28	29	9	25	14	7	53	-	-	4	71	-	-	-	-	-	284
1,6	28	25	9	-	13	19	6	-	42	8	42	25	27	10	22	12	7	60	-	-	3	80	-	-	-	-	-	264
1,7	26	29	8	-	13	23	-	-	39	9	39	22	26	12	20	11	7	68	-	-	3	91	-	-	-	-	-	245
1,8	25	32	7	-	12	25	-	-	37	10	35	20	24	13	18	10	6	76	-	-	3	102	-	-	-	-	-	228
1,9	23	36	6	-	11	27	-	-	35	11	32	18	23	14	16	9	6	85	-	-	3	113	-	-	-	-	-	212
2	22	40	6	-	11	31	-	-	33	12	29	16	22	16	14	8	6	94	-	-	3	125	-	-	-	-	-	199
2,1	21	44	5	-	10	33	-	-	32	13	26	14	21	18	13	7	5	104	-	-	3	138	-	-	-	-	-	-
2,2	20	48	-	-	10	38	-	-	30	15	24	13	20	19	12	7	5	114	-	-	3	152	-	-	-	-	-	-
2,3	19	52	-	-	9	39	-	-	29	16	22	12	19	21	11	6	5	124	-	-	2	166	-	-	-	-	-	-
2,4	19	57	-	-	9	44	-	-	28	17	20	11	18	22	10	6	5	135	-	-	2	180	-	-	-	-	-	-
2,5	18	62	-	-	8	44	-	-	27	19	18	10	17	24	9	5	4	147	-	-	2	196	-	-	-	-	-	-
2,6	17	67	-	-	8	50	-	-	26	20	17	9	17	27	8	-	4	159	-	-	2	212	-	-	-	-	-	-
2,7	17	72	-	-	8	56	-	-	25	22	16	9	16	28	8	-	4	171	-	-	2	228	-	-	-	-	-	-
2,8	16	77	-	-	7	54	-	-	24	23	15	8	15	29	7	-	4	184	-	-	2	245	-	-	-	-	-	-
2,9	15	83	-	-	7	60	-	-	23	25	14	8	15	33	7	-	4	198	-	-	2	263	-	-	-	-	-	-
3	15	88	-	-	7	67	-	-	22	27	13	7	14	34	6	-	4	211	-	-	2	282	-	-	-	-	-	-



RA 50x14x1,5	
Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	3,42E-9 m4
Momento de inercia, Iy	4,45E-8 m4
Area seccion bruta	1,33E-4 m2
Area seccion neta	1,21E-4 m2
Radio giro eje x	5,32E-3 m
Radio giro eje y	1,92E-2 m
ex1	9,11E-3 m
ex2	4,89E-3 m
ey1	2,50E-2 m
ey2	2,50E-2 m
Módulo resistente eje x	3,75E-7 m3
Módulo resistente eje y	1,78E-6 m3
Momento flector maximo	5,63E+1 Nm

																									ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	450	1	450	450	225	1	225	225	675	1	675	675	450	1	450	450	113	1	113	113	56	1	56	56	454	461	461	461
0,2	225	1	225	225	112	1	112	112	338	1	338	338	225	1	225	225	56	1	56	40	28	2	27	15	421	454	458	461
0,3	150	1	150	150	75	1	75	75	225	1	225	225	150	1	150	150	38	2	32	18	19	3	12	7	350	443	454	457
0,4	113	2	113	96	56	2	56	56	169	1	169	169	112	1	112	112	28	3	18	10	14	5	7	-	274	421	446	454
0,5	90	3	90	61	45	2	45	38	135	1	135	135	90	1	90	90	23	5	11	6	11	7	-	-	214	389	434	450
0,6	75	3	75	43	37	3	37	27	113	1	113	113	75	2	75	75	19	7	8	-	9	10	-	-	-	350	416	443
0,7	64	5	56	31	32	4	32	20	96	2	96	96	64	2	64	64	16	10	6	-	8	13	-	-	-	311	391	434
0,8	56	6	43	24	28	5	27	15	84	2	84	84	56	3	56	56	14	13	-	-	7	17	-	-	-	274	365	421
0,9	50	7	34	19	25	6	21	12	75	2	75	75	50	3	50	47	13	16	-	-	6	22	-	-	-	241	338	406
1	45	9	28	15	22	7	17	10	68	3	68	68	45	4	45	38	11	20	-	-	6	27	-	-	-	214	311	389
1,1	41	10	23	13	20	8	14	8	61	3	61	61	40	4	40	32	10	24	-	-	5	32	-	-	-	-	285	369
1,2	38	12	19	11	18	10	12	7	56	4	56	53	37	5	37	27	9	28	-	-	5	38	-	-	-	-	261	350
1,3	35	14	16	9	17	11	10	6	52	5	52	45	34	6	34	23	9	33	-	-	4	45	-	-	-	-	238	329
1,4	32	17	14	8	16	13	9	-	48	5	48	39	32	7	32	20	8	38	-	-	4	52	-	-	-	-	218	311
1,5	30	19	12	7	15	15	8	-	45	6	45	34	30	8	30	17	8	44	-	-	4	59	-	-	-	-	200	293
1,6	28	21	11	6	14	17	7	-	42	7	42	30	28	9	27	15	7	50	-	-	4	67	-	-	-	-	-	274
1,7	26	24	10	5	13	19	6	-	40	8	40	26	26	10	24	13	7	57	-	-	3	76	-	-	-	-	-	258
1,8	25	27	9	-	12	21	5	-	38	8	38	24	25	11	21	12	6	64	-	-	3	85	-	-	-	-	-	241
1,9	24	30	8	-	11	22	-	-	36	9	36	21	23	12	19	11	6	71	-	-	3	95	-	-	-	-	-	227
2	23	33	7	-	11	26	-	-	34	10	34	19	22	13	17	10	6	78	-	-	3	105	-	-	-	-	-	214
2,1	21	37	6	-	10	27	-	-	32	11	31	17	21	15	16	9	5	86	-	-	3	116	-	-	-	-	-	200
2,2	20	40	6	-	10	31	-	-	31	12	28	16	20	16	14	8	5	95	-	-	3	127	-	-	-	-	-	-
2,3	20	44	5	-	9	32	-	-	29	13	26	14	19	17	13	7	5	104	-	-	2	139	-	-	-	-	-	-
2,4	19	48	-	-	9	37	-	-	28	15	24	13	18	19	12	7	5	113	-	-	2	151	-	-	-	-	-	-
2,5	18	52	-	-	9	41	-	-	27	16	22	12	18	21	11	6	5	123	-	-	2	164	-	-	-	-	-	-
2,6	17	56	-	-	8	41	-	-	26	17	20	11	17	22	10	6	4	133	-	-	2	177	-	-	-	-	-	-
2,7	17	60	-	-	8	46	-	-	25	18	19	11	16	23	9	5	4	143	-	-	2	191	-	-	-	-	-	-
2,8	16	65	-	-	8	51	-	-	24	20	18	10	16	26	9	-	4	154	-	-	2	205	-	-	-	-	-	-
2,9	16	69	-	-	7	50	-	-	23	21	16	9	15	27	8	-	4	165	-	-	2	220	-	-	-	-	-	-
3	15	74	-	-	7	55	-	-	23	23	15	9	15	30	8	-	4	176	-	-	2	236	-	-	-	-	-	-

BEBasor
CABLE TRAY SPECIALIST



SV0	
Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	6,49E-9 m4
Momento de inercia, Iy	3,83E-8 m4
Area seccion bruta	1,67E-4 m2
Area seccion neta	1,49E-4 m2
Radio giro eje x	6,59E-3 m
Radio giro eje y	1,60E-2 m
ex1	1,07E-2 m
ex2	9,26E-3 m
ey1	2,60E-2 m
ey2	2,60E-2 m
Módulo resistente eje x	6,05E-7 m3
Módulo resistente eje y	1,47E-6 m3
Momento flector maximo	9,07E+1 Nm

																									ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	725	1	725	725	362	1	362	362	1088	1	1088	1088	725	1	725	725	181	1	181	181	91	1	91	91	608	613	613	613
0,2	363	1	363	363	181	1	181	181	544	1	544	544	362	1	362	362	91	1	91	76	45	1	45	28	583	608	610	613
0,3	242	1	242	242	120	1	120	120	363	1	363	363	241	1	241	241	60	2	60	34	30	2	23	13	521	598	607	610
0,4	181	2	181	181	90	1	90	90	272	1	272	272	181	1	181	181	45	3	34	19	23	4	13	7	432	583	600	608
0,5	145	2	145	116	72	2	72	72	218	1	218	218	145	1	145	145	36	5	22	12	18	6	8	-	351	557	591	603
0,6	121	3	121	81	60	2	60	51	181	1	181	181	120	1	120	120	30	6	15	8	15	8	6	-	285	521	578	598
0,7	104	4	104	59	51	3	51	37	155	2	155	155	103	2	103	103	26	9	11	6	13	11	-	-	-	475	558	591
0,8	91	5	82	45	45	4	45	28	136	2	136	136	90	2	90	90	23	11	9	-	11	15	-	-	-	432	535	583
0,9	81	6	65	36	40	5	40	22	121	2	121	121	80	3	80	80	20	14	7	-	10	18	-	-	-	390	506	570
1	73	7	52	29	36	6	33	18	109	3	109	109	72	3	72	72	18	17	5	-	9	23	-	-	-	351	475	557
1,1	66	9	43	24	32	7	27	15	99	3	99	99	65	4	65	60	16	21	-	-	8	27	-	-	-	316	446	538
1,2	60	10	36	20	30	8	23	13	91	3	91	91	60	4	60	51	15	24	-	-	8	32	-	-	-	285	415	521
1,3	56	12	31	17	27	10	19	11	84	4	84	84	55	5	55	43	14	29	-	-	7	38	-	-	-	256	387	499
1,4	52	14	27	15	25	11	17	9	78	5	78	74	51	6	51	37	13	33	-	-	6	44	-	-	-	-	359	475
1,5	48	16	23	13	24	13	15	8	73	5	73	65	48	7	48	32	12	38	-	-	6	50	-	-	-	-	332	455
1,6	45	18	20	11	22	14	13	7	68	6	68	57	45	8	45	28	11	43	-	-	6	57	-	-	-	-	310	432
1,7	43	21	18	10	21	16	11	6	64	7	64	50	42	8	42	25	11	49	-	-	5	65	-	-	-	-	287	412
1,8	40	23	16	9	20	18	10	6	60	7	60	45	40	9	40	22	10	54	-	-	5	72	-	-	-	-	266	390
1,9	38	26	15	8	19	20	9	5	57	8	57	40	38	10	36	20	10	61	-	-	5	81	-	-	-	-	-	369
2	36	28	13	7	18	23	8	-	54	9	54	36	36	12	33	18	9	67	-	-	5	89	-	-	-	-	-	351
2,1	35	31	12	7	17	25	7	-	52	10	52	33	34	13	30	16	9	74	-	-	4	98	-	-	-	-	-	332
2,2	33	34	11	6	16	27	7	-	49	11	49	30	32	14	27	15	8	81	-	-	4	108	-	-	-	-	-	316
2,3	32	37	10	5	15	28	6	-	47	11	47	27	31	15	25	14	8	88	-	-	4	118	-	-	-	-	-	299
2,4	30	40	9	5	15	32	6	-	45	12	45	25	30	16	23	13	8	96	-	-	4	128	-	-	-	-	-	285
2,5	29	44	8	-	14	34	5	-	44	13	42	23	29	18	21	12	7	104	-	-	4	139	-	-	-	-	-	270
2,6	28	47	8	-	13	35	-	-	42	15	39	22	27	19	19	11	7	113	-	-	3	150	-	-	-	-	-	256
2,7	27	51	7	-	13	40	-	-	40	16	36	20	26	20	18	10	7	122	-	-	3	162	-	-	-	-	-	-
2,8	26	55	7	-	12	41	-	-	39	17	33	19	25	21	17	9	6	131	-	-	3	174	-	-	-	-	-	-
2,9	25	59	6	-	12	45	-	-	38	18	31	17	25	24	16	9	6	140	-	-	3	187	-	-	-	-	-	-
3	24	63	6	-	12	50	-	-	36	19	29	16	24	25	15	8	6	150	-	-	3	200	-	-	-	-	-	-



REF.	Family / Pg.
2/0001	BASORTRAY 17
2/0002	BASORTRAY 17
2/0003	BASORTRAY 17
2/0004	BASORTRAY 17
2/0006	BASORTRAY 17
2/0007	BASORTRAY 17
2/0008	BASORTRAY 17
2/0009	BASORTRAY 17
2/0010	BASORTRAY 17
2/0011	BASORTRAY 17
2/0012	BASORTRAY 17
2/0013	BASORTRAY 17
2/0014	BASORTRAY 17
2/0015	BASORTRAY 17
2/0016	BASORTRAY 17
2/0017	BASORTRAY 17
2/0018	BASORTRAY 17
2/0019	BASORTRAY 17
2/0020	BASORTRAY 17
2/0021	BASORTRAY 17
2/0022	BASORTRAY 17
2/0023	BASORTRAY 17
2/0024	BASORTRAY 17
2/0025	BASORTRAY 17
2/0051	BASORTRAY 17
2/0052	BASORTRAY 17
2/0053	BASORTRAY 17
2/0054	BASORTRAY 17
2/0056	BASORTRAY 17
2/0057	BASORTRAY 17
2/0058	BASORTRAY 17
2/0059	BASORTRAY 17
2/0060	BASORTRAY 17
2/0061	BASORTRAY 17
2/0062	BASORTRAY 17
2/0063	BASORTRAY 17
2/0064	BASORTRAY 17
2/0065	BASORTRAY 17
2/0066	BASORTRAY 17
2/0067	BASORTRAY 17
2/0068	BASORTRAY 17
2/0069	BASORTRAY 17
2/0070	BASORTRAY 17
2/0071	BASORTRAY 17
2/0072	BASORTRAY 17
2/0073	BASORTRAY 17
2/0074	BASORTRAY 17
2/0075	BASORTRAY 17
2/0151	BASORCANAL 5
2/0152	BASORCANAL 5
2/0153	BASORCANAL 5
2/0154	BASORCANAL 5
2/0155	BASORCANAL 5
2/0156	BASORCANAL 5
2/0157	BASORCANAL 5
2/0160	BASORCANAL 5
2/0161	BASORCANAL 6
2/0162	BASORCANAL 6

REF.	Family / Pg.
2/0163	BASORCANAL 6
2/0164	BASORCANAL 6
2/0165	BASORCANAL 6
2/0166	BASORCANAL 6
2/0167	BASORCANAL 6
2/0170	BASORCANAL 6
2/0171	BASORCANAL 6
2/0172	BASORCANAL 6
2/0173	BASORCANAL 6
2/0174	BASORCANAL 6
2/0175	BASORCANAL 6
2/0176	BASORCANAL 6
2/0177	BASORCANAL 6
2/0178	BASORCANAL 6
2/0180	BASORCANAL 6
2/0181	BASORCANAL 8
2/0182	BASORCANAL 8
2/0183	BASORCANAL 8
2/0184	BASORCANAL 8
2/0185	BASORCANAL 8
2/0186	BASORCANAL 8
2/0187	BASORCANAL 8
2/0190	BASORCANAL 8
2/0191	BASORCANAL 7
2/0192	BASORCANAL 7
2/0193	BASORCANAL 7
2/0194	BASORCANAL 7
2/0195	BASORCANAL 7
2/0196	BASORCANAL 7
2/0197	BASORCANAL 7
2/0198	BASORCANAL 7
2/0199	BASORCANAL 7
2/0200	BASORCANAL 7
2/0201	BASORCANAL 7
2/0202	BASORCANAL 7
2/0203	BASORCANAL 7
2/0204	BASORCANAL 7
2/0205	BASORCANAL 7
2/0206	BASORCANAL 7
2/0207	BASORCANAL 7
2/0208	BASORCANAL 7
2/0209	BASORCANAL 7
2/0210	BASORCANAL 7
2/0211	BASORCANAL 7
2/0212	BASORCANAL 7
2/0213	BASORCANAL 8
2/0214	BASORCANAL 8
2/0215	BASORCANAL 8
2/0216	BASORCANAL 8
2/0217	BASORCANAL 8
2/0218	BASORCANAL 8
2/0219	BASORCANAL 8
2/0220	BASORCANAL 8
2/0221	BASORCANAL 8
2/0222	BASORCANAL 8
2/0223	BASORCANAL 8
2/0224	BASORCANAL 8
2/0225	BASORCANAL 8

REF.	Family / Pg.
2/0226	BASORCANAL 8
2/0227	BASORCANAL 9
2/0229	BASORSUPPORT 28
2/0233	BASORFIX 4
2/0234	BASORFIX 4
2/0235	BASORFIX 4
2/0236	BASORFIX 4
2/0237	BASORFIX 16
2/0238	BASORFIX 16
2/0239	BASORFIX 16
2/0240	BASORFIX 16
2/0241	BASORFIX 16
2/0242	BASORFIX 16
2/0245	BASORFIX 14
2/0246	BASORFIX 16
2/0248	BASORFIX 17
2/0250	BASORFIX 17
2/0286	BASORFIL 7
2/0287	BASORFIL 7
2/0288	BASORFIL 7
2/0289	BASORFIL 7
2/0291	BASORFIL 7
2/0292	BASORFIL 7
2/0293	BASORFIL 7
2/0294	BASORFIL 7
2/0295	BASORFIL 7
2/0296	BASORFIL 7
2/0297	BASORFIL 7
2/0298	BASORFIL 8
2/0299	BASORFIL 8
2/0300	BASORFIL 8
2/0301	BASORFIL 8
2/0302	BASORFIL 8
2/0303	BASORFIL 7
2/0304	BASORFIL 7
2/0305	BASORFIL 7
2/0306	BASORFIL 7
2/0307	BASORFIL 8
2/0308	BASORFIL 8
2/0309	BASORFIL 8
2/0310	BASORFIL 8
2/0311	BASORFIL 8
2/0312	BASORFIL 8
2/0313	BASORFIL 8
2/0314	BASORFIL 8
2/0315	BASORFIL 8
2/0316	BASORFIL 8
2/0317	BASORFIL 8
2/0318	BASORFIL 8
2/0319	BASORFIL 8
2/0337	BASORFIL 14
2/0339	BASORFIL 14
2/0340	BASORFIL 14
2/0351	BASORFIX 22
2/0352	BASORFIX 22
2/0354	BASORFIX 22
2/0355	BASORFIL 15
2/0356	BASORFIL 16

REF.	Family / Pg.
2/0357	BASORFIL 14
2/0358	BASORFIL 16
2/0359	BASORFIL 16
2/0360	BASORFIL 15
2/0361	BASORFIX 22
2/0362	BASORFIX 22
2/0363	BASORFIL 14
2/0364	BASORFIX 22
2/0365	BASORFIL 15
2/0366	BASORFIL 16
2/0368	BASORFIL 16
2/0369	BASORFIL 16
2/0370	BASORFIL 15
2/0371	BASORFIX 22
2/0372	BASORFIX 22
2/0373	BASORFIL 14
2/0374	BASORFIX 22
2/0375	BASORFIL 15
2/0376	BASORFIL 16
2/0378	BASORFIL 16
2/0379	BASORFIL 16
2/0380	BASORFIL 15
2/0385	TRUNKING 5
2/0400	TRUNKING 7
2/0401	TRUNKING 6
2/0402	TRUNKING 6
2/0404	TRUNKING 7
2/0405	BASORTRAY 47
2/0406	BASORTRAY 47
2/0407	BASORTRAY 47
2/0408	BASORTRAY 47
2/0409	BASORTRAY 47
2/0413	BASORTRAY 48
2/0414	BASORTRAY 47
2/0415	BASORTRAY 48
2/0416	BASORTRAY 47
2/0417	BASORTRAY 47
2/0419	BASORTRAY 47
2/0420	BASORTRAY 47
2/0421	BASORTRAY 47
2/0422	BASORTRAY 47
2/0423	BASORTRAY 47
2/0424	BASORTRAY 47
2/0425	BASORTRAY 47
2/0426	BASORTRAY 47
2/0427	BASORTRAY 47
2/0446	BASORTRAY 47
2/0447	BASORTRAY 47
2/0448	BASORTRAY 47
2/0449	BASORTRAY 47
2/0450	BASORTRAY 47
2/0454	BASORTRAY 48
2/0455	BASORTRAY 48
2/0456	BASORTRAY 48
2/0457	BASORTRAY 48
2/0458	BASORTRAY 48
2/0462	BASORTRAY 48
2/0463	BASORTRAY 48

REF.	Family / Pg.
2/0464	BASORTRAY 48
2/0465	BASORTRAY 48
2/0466	BASORTRAY 48
2/0467	BASORTRAY 48
2/0468	BASORTRAY 48
2/0569	BASORTRAY 43
2/0570	BASORTRAY 43
2/0571	BASORTRAY 43
2/0572	BASORTRAY 43
2/0573	BASORTRAY 43
2/0577	BASORTRAY 43
2/0578	BASORTRAY 43
2/0579	BASORTRAY 43
2/0580	BASORTRAY 43
2/0581	BASORTRAY 43
2/0582	BASORTRAY 43
2/0583	BASORTRAY 43
2/0584	BASORTRAY 43
2/0585	BASORTRAY 43
2/0586	BASORTRAY 43
2/0587	BASORTRAY 43
2/0588	BASORTRAY 43
2/0589	BASORTRAY 43
2/0590	BASORTRAY 43
2/0591	BASORTRAY 43
2/0592	BASORTRAY 43
2/0593	BASORTRAY 44
2/0594	BASORTRAY 44
2/0595	BASORTRAY 44
2/0596	BASORTRAY 44
2/0597	BASORTRAY 44
2/0598	BASORTRAY 44
2/0599	BASORTRAY 44
2/0615	BASORTRAY 55
2/0616	BASORTRAY 55
2/0617	BASORTRAY 55
2/0618	BASORTRAY 55
2/0622	BASORTRAY 55
2/0623	BASORTRAY 55
2/0624	BASORTRAY 55
2/0625	BASORTRAY 55
2/0626	BASORTRAY 55
2/0713	BASORTRAY 56
2/0715	BASORTRAY 56
2/0716	BASORTRAY 56
2/0717	BASORTRAY 56
2/0719	BASORTRAY 56
2/0728	BASORTRAY 56
2/0730	BASORTRAY 56
2/0731	BASORTRAY 56
2/0732	BASORTRAY 56
2/0734	BASORTRAY 56
2/0749	BASORTRAV 5
2/0750	BASORTRAV 5
2/0751	BASORTRAV 5
2/0752	BASORTRAV 5
2/0753	BASORTRAV 5
2/0754	BASORTRAV 5

REF.	Family / Pg.
2/0755	BASORTRAV 5
2/0770	BASORTRAV 5
2/0771	BASORTRAV 5
2/0772	BASORTRAV 5
2/0773	BASORTRAV 5
2/0774	BASORTRAV 5
2/0775	BASORTRAV 5
2/0776	BASORTRAV 5
2/0802	BASORTRAV 28
2/0803	BASORTRAV 28
2/0804	BASORTRAV 28
2/0805	BASORTRAV 28
2/0806	BASORTRAV 28
2/0807	BASORTRAV 28
2/0808	BASORTRAV 28
2/0809	BASORTRAV 28
2/0810	BASORTRAV 28
2/0811	BASORTRAV 28
2/0812	BASORTRAV 6
2/0813	BASORTRAV 6
2/0814	BASORTRAV 6
2/0815	BASORTRAV 6
2/0816	BASORTRAV 6
2/0817	BASORTRAV 6
2/0818	BASORTRAV 6
2/0833	BASORTRAV 6
2/0834	BASORTRAV 6
2/0835	BASORTRAV 6
2/0836	BASORTRAV 6
2/0837	BASORTRAV 6
2/0838	BASORTRAV 6
2/0839	BASORTRAV 6
2/0854	BASORTRAV 15, 55
2/0855	BASORTRAV 70
2/0856	BASORTRAV 55
2/0857	BASORTRAV 15, 55
2/0859	BASORTRAV 55
2/0860	BASORTRAV 15, 55
2/0862	BASORTRAV 55
2/0863	BASORTRAV 14, 56
2/0864	BASORTRAV 14, 56
2/0865	BASORTRAV 19
2/0866	BASORTRAV 19
2/0867	BASORTRAV 19
2/0868	BASORTRAV 19
2/0869	BASORTRAV 19
2/0870	BASORTRAV 19
2/0871	BASORTRAV 19
2/0872	BASORTRAV 19
2/0873	BASORTRAV 19
2/0874	BASORTRAV 19
2/0875	BASORTRAV 19
2/0876	BASORTRAV 19
2/0877	BASORTRAV 19
2/0878	BASORTRAV 19
2/0886	BASORFIL 15
2/0887	BASORTRAV 24
2/0888	BASORTRAV 24

REF.	Family / Pg.
2/0889	BASORTRAV 24
2/0890	BASORTRAV 24
2/0891	BASORTRAV 24
2/0892	BASORTRAV 24
2/0893	BASORTRAV 24
2/0894	BASORSUPPORT 8, 15
2/0895	BASORTRAV 24
2/0896	BASORTRAV 24
2/0897	BASORTRAV 24
2/0898	BASORTRAV 24
2/0899	BASORTRAV 24
2/0900	BASORTRAV 24
2/0901	BASORTRAV 24
2/0909	BASORTRAV 32
2/0910	BASORTRAV 32
2/0911	BASORTRAV 32
2/0912	BASORTRAV 32
2/0913	BASORTRAV 32
2/0914	BASORTRAV 32
2/0915	BASORTRAV 32
2/0916	BASORTRAV 32
2/0917	BASORTRAV 32
2/0918	BASORTRAV 32
2/0919	BASORTRAV 32
2/0920	BASORTRAV 32
2/0921	BASORTRAV 32
2/0922	BASORTRAV 32
2/0930	BASORTRAV 35
2/0931	BASORTRAV 35
2/0932	BASORTRAV 35
2/0933	BASORTRAV 35
2/0934	BASORTRAV 35
2/0935	BASORTRAV 35
2/0936	BASORTRAV 35
2/0937	BASORTRAV 35
2/0938	BASORTRAV 35
2/0939	BASORTRAV 35
2/0940	BASORTRAV 35
2/0941	BASORTRAV 35
2/0942	BASORTRAV 35
2/0943	BASORTRAV 35
2/0951	BASORTRAV 36
2/0952	BASORTRAV 36
2/0953	BASORTRAV 36
2/0954	BASORTRAV 36
2/0955	BASORTRAV 36
2/0956	BASORTRAV 36
2/0957	BASORTRAV 36
2/0958	BASORTRAV 36
2/0959	BASORTRAV 36
2/0960	BASORTRAV 36
2/0961	BASORTRAV 36
2/0962	BASORTRAV 36
2/0963	BASORTRAV 36
2/0964	BASORTRAV 36
2/0975	BASORSUPPORT 8
2/0976	BASORSUPPORT 8
2/0977	BASORSUPPORT 8

REF.	Family / Pg.
2/0978	BASORSUPPORT 8
2/0980	BASORSUPPORT 8
2/0981	BASORSUPPORT 8
2/0982	BASORSUPPORT 8
2/0994	BASORSUPPORT 8
2/0995	BASORSUPPORT 8
2/0996	BASORSUPPORT 8
2/0997	BASORSUPPORT 8
2/0998	BASORSUPPORT 8
2/0999	BASORSUPPORT 8
2/1000	BASORSUPPORT 8
2/1002	BASORSUPPORT 8
2/1003	BASORSUPPORT 8
2/1004	BASORSUPPORT 8
2/1005	BASORSUPPORT 8
2/1006	BASORSUPPORT 8
2/1020	BASORSUPPORT 8
2/1021	BASORSUPPORT 8
2/1022	BASORSUPPORT 8
2/1023	BASORSUPPORT 9
2/1024	BASORSUPPORT 9
2/1025	BASORSUPPORT 9
2/1026	BASORSUPPORT 9
2/1027	BASORSUPPORT 9
2/1032	BASORSUPPORT 13, 28
2/1033	BASORSUPPORT 13, 28
2/1034	BASORSUPPORT 13, 28
2/1035	BASORSUPPORT 13, 28
2/1036	BASORSUPPORT 10, 17, 22
2/1037	BASORSUPPORT 10, 17, 22
2/1038	BASORSUPPORT 10, 17, 22
2/1046	BASORSUPPORT 21, BASORCANAL 19
2/1047	BASORSUPPORT 21
2/1048	BASORSUPPORT 21, BASORCANAL 19
2/1049	BASORSUPPORT 21, BASORCANAL 19
2/1050	BASORSUPPORT 21
2/1051	BASORSUPPORT 21
2/1052	BASORSUPPORT 21
2/1053	BASORSUPPORT 21
2/1062	BASORSUPPORT 21
2/1063	BASORSUPPORT 21
2/1064	BASORSUPPORT 21
2/1065	BASORSUPPORT 21
2/1069	BASORSUPPORT 19, 22
2/1070	BASORSUPPORT 19, 22
2/1071	BASORSUPPORT 19, 22
2/1072	BASORSUPPORT 19, 22
2/1073	BASORSUPPORT 15, 21
2/1074	BASORSUPPORT 15, 21
2/1076	BASORSUPPORT 15, 21
2/1077	BASORSUPPORT 15, 21
2/1078	BASORSUPPORT 15, 21
2/1079	BASORSUPPORT 15, 21
2/1081	BASORSUPPORT 15, 21
2/1082	BASORSUPPORT 15, 21

REF.	Family / Pg.
2/1087	BASORSUPPORT 15
2/1088	BASORSUPPORT 15
2/1090	BASORSUPPORT 15
2/1099	BASORTRAY 29
2/1101	BASORFIX 16
2/1104	BASORFIL 14
2/1116	BASORSUPPORT 28
2/1117	BASORSUPPORT 28
2/1121	BASORSUPPORT 27
2/1122	BASORFIX 16
2/1123	BASORFIX 16
2/1124	BASORFIX 16
2/1128	BASORPLAST 8
2/1129	BASORPLAST 8
2/1130	BASORPLAST 8
2/1131	BASORFIX 14
2/1132	BASORPLAST 5
2/1133	BASORPLAST 5
2/1134	BASORPLAST 5
2/1135	BASORPLAST 5
2/1136	BASORPLAST 5
2/1137	BASORPLAST 5
2/1138	BASORPLAST 5
2/1139	BASORPLAST 5
2/1140	BASORPLAST 5
2/1141	BASORPLAST 5
2/1142	BASORPLAST 5
2/1143	BASORPLAST 5
2/1144	BASORPLAST 5
2/1145	BASORPLAST 5
2/1146	BASORPLAST 6
2/1147	BASORPLAST 6
2/1148	BASORPLAST 6
2/1149	BASORPLAST 6
2/1150	BASORPLAST 6
2/1151	BASORPLAST 6
2/1152	BASORPLAST 6
2/1153	BASORPLAST 7
2/1154	BASORPLAST 7
2/1155	BASORFIX 14
2/1156	BASORPLAST 21
2/1157	BASORPLAST 21
2/1158	BASORPLAST 21
2/1159	BASORPLAST 21
2/1160	BASORPLAST 22
2/1161	BASORPLAST 22
2/1162	BASORPLAST 21
2/1163	BASORPLAST 21
2/1164	BASORPLAST 21
2/1165	BASORPLAST 21
2/1166	BASORPLAST 21
2/1167	BASORPLAST 21
2/1168	BASORPLAST 23
2/1169	BASORPLAST 23
2/1170	BASORPLAST 23
2/1171	BASORPLAST 23
2/1172	BASORPLAST 23
2/1173	BASORPLAST 23

REF.	Family / Pg.
2/1174	BASORPLAST 23
2/1175	BASORPLAST 23
2/1176	BASORPLAST 23
2/1177	BASORPLAST 23
2/1178	BASORPLAST 23
2/1179	BASORPLAST 23
2/1180	BASORPLAST 24
2/1181	BASORPLAST 24
2/1182	BASORPLAST 24
2/1183	BASORPLAST 24
2/1184	BASORPLAST 24
2/1185	BASORPLAST 22
2/1186	BASORPLAST 22
2/1187	BASORPLAST 22
2/1188	BASORPLAST 22
2/1189	BASORPLAST 22
2/1190	BASORPLAST 22
2/1192	BASORTRAY 11
2/1193	BASORTRAY 11
2/1194	BASORTRAY 11
2/1195	BASORTRAY 11
2/1197	BASORTRAY 11
2/1198	BASORTRAY 11
2/1199	BASORTRAY 11
2/1201	BASORTRAY 11
2/1202	BASORTRAY 11
2/1203	BASORTRAY 11
2/1204	BASORTRAY 11
2/1205	BASORTRAY 12
2/1206	BASORTRAY 12
2/1207	BASORTRAY 12
2/1209	BASORTRAY 12
2/1210	BASORTRAY 12
2/1211	BASORTRAY 12
2/1212	BASORTRAY 12
2/1213	BASORTRAY 12
2/1214	BASORTRAY 12
2/1215	BASORTRAY 12
2/1217	BASORTRAY 12
2/1218	BASORTRAY 12
2/1219	BASORTRAY 12
2/1220	BASORTRAY 12
2/1222	BASORTRAY 11
2/1223	BASORTRAY 11
2/1224	BASORTRAY 11
2/1225	BASORTRAY 11
2/1227	BASORTRAY 11
2/1228	BASORTRAY 11
2/1229	BASORTRAY 11
2/1231	BASORTRAY 11
2/1232	BASORTRAY 11
2/1233	BASORTRAY 11
2/1234	BASORTRAY 11
2/1235	BASORTRAY 12
2/1236	BASORTRAY 12
2/1237	BASORTRAY 12
2/1239	BASORTRAY 12
2/1240	BASORTRAY 12

REF.	Family / Pg.
2/1241	BASORTRAY 12
2/1242	BASORTRAY 12
2/1243	BASORTRAY 12
2/1244	BASORTRAY 12
2/1245	BASORTRAY 12
2/1247	BASORTRAY 12
2/1248	BASORTRAY 12
2/1249	BASORTRAY 12
2/1250	BASORTRAY 12
2/1252	BASORTRAY 11
2/1253	BASORTRAY 11
2/1254	BASORTRAY 11
2/1255	BASORTRAY 11
2/1257	BASORTRAY 12
2/1258	BASORTRAY 12
2/1259	BASORTRAY 12
2/1261	BASORTRAY 12
2/1262	BASORTRAY 12
2/1263	BASORTRAY 12
2/1264	BASORTRAY 12
2/1265	BASORTRAY 12
2/1266	BASORTRAY 12
2/1267	BASORTRAY 12
2/1269	BASORTRAY 12
2/1270	BASORTRAY 12
2/1271	BASORTRAY 12
2/1272	BASORTRAY 12
2/1273	BASORTRAY 13
2/1274	BASORTRAY 13
2/1275	BASORTRAY 13
2/1277	BASORTRAY 13
2/1278	BASORTRAY 13
2/1279	BASORTRAY 13
2/1280	BASORTRAY 13
2/1282	BASORTRAY 11
2/1283	BASORTRAY 11
2/1284	BASORTRAY 11
2/1285	BASORTRAY 11
2/1287	BASORTRAY 12
2/1288	BASORTRAY 12
2/1289	BASORTRAY 12
2/1291	BASORTRAY 12
2/1292	BASORTRAY 12
2/1293	BASORTRAY 12
2/1294	BASORTRAY 12
2/1295	BASORTRAY 12
2/1296	BASORTRAY 12
2/1297	BASORTRAY 12
2/1299	BASORTRAY 12
2/1300	BASORTRAY 12
2/1301	BASORTRAY 12
2/1302	BASORTRAY 12
2/1303	BASORTRAY 13
2/1304	BASORTRAY 13
2/1305	BASORTRAY 13
2/1307	BASORTRAY 13
2/1308	BASORTRAY 13
2/1309	BASORTRAY 13

REF.	Family / Pg.
2/1310	BASORTRAY 13
2/1312	BASORTRAY 9, 18, BASORFIL 5, 9
2/1313	BASORTRAY 9, 18, BASORFIL 5, 9
2/1314	BASORTRAY 9, 18, BASORFIL 5, 9
2/1316	BASORTRAY 9, 18, BASORFIL 5, 9
2/1317	BASORTRAY 9, 18, BASORFIL 5, 9
2/1318	BASORTRAY 9, 18, BASORFIL 5, 9
2/1319	BASORTRAY 9, 18, BASORFIL 5, 9
2/1321	BASORTRAY 13, 18, BASORFIL 5, 9
2/1322	BASORTRAY 13, 18, BASORFIL 5, 9
2/1323	BASORTRAY 13, 18, BASORFIL 5, 9
2/1325	BASORTRAY 13, 18, BASORFIL 5, 9
2/1326	BASORTRAY 13, 18, BASORFIL 5, 9
2/1327	BASORTRAY 13, 18, BASORFIL 5, 9
2/1328	BASORTRAY 13, 18, BASORFIL 5, 9
2/1337	BASORTRAY 19
2/1338	BASORTRAY 19
2/1339	BASORTRAY 19
2/1340	BASORTRAY 19
2/1344	BASORTRAY 19
2/1345	BASORTRAY 19
2/1346	BASORTRAY 19
2/1348	BASORTRAY 19
2/1349	BASORTRAY 19
2/1350	BASORTRAY 19
2/1351	BASORTRAY 19
2/1352	BASORTRAY 19
2/1353	BASORTRAY 19
2/1354	BASORTRAY 19
2/1356	BASORTRAY 19
2/1357	BASORTRAY 19
2/1358	BASORTRAY 19
2/1359	BASORTRAY 19
2/1360	BASORTRAY 19
2/1361	BASORTRAY 19
2/1362	BASORTRAY 19
2/1364	BASORTRAY 19
2/1365	BASORTRAY 19
2/1366	BASORTRAY 19
2/1367	BASORTRAY 19
2/1368	BASORTRAY 19
2/1369	BASORTRAY 19
2/1370	BASORTRAY 19
2/1371	BASORTRAY 19

REF.	Family / Pg.
2/1375	BASORTRAY 19
2/1376	BASORTRAY 19
2/1377	BASORTRAY 19
2/1379	BASORTRAY 19
2/1380	BASORTRAY 19
2/1381	BASORTRAY 19
2/1382	BASORTRAY 19
2/1383	BASORTRAY 19
2/1384	BASORTRAY 19
2/1385	BASORTRAY 19
2/1387	BASORTRAY 19
2/1388	BASORTRAY 19
2/1389	BASORTRAY 19
2/1390	BASORTRAY 19
2/1391	BASORTRAY 19
2/1392	BASORTRAY 19
2/1393	BASORTRAY 19
2/1395	BASORTRAY 19
2/1396	BASORTRAY 19
2/1397	BASORTRAY 19
2/1398	BASORTRAY 19
2/1430	BASORTRAY 19
2/1431	BASORTRAY 19
2/1432	BASORTRAY 19
2/1433	BASORTRAY 19
2/1434	BASORTRAY 19
2/1435	BASORTRAY 19
2/1436	BASORTRAY 19
2/1437	BASORTRAY 19
2/1438	BASORTRAY 19
2/1439	BASORTRAY 19
2/1440	BASORTRAY 19
2/1441	BASORTRAY 19
2/1442	BASORTRAY 19
2/1443	BASORTRAY 19
2/1451	BASORTRAY 21
2/1452	BASORTRAY 21
2/1453	BASORTRAY 21
2/1454	BASORTRAY 21
2/1458	BASORTRAY 21
2/1459	BASORTRAY 21
2/1460	BASORTRAY 21
2/1462	BASORTRAY 21
2/1463	BASORTRAY 21
2/1464	BASORTRAY 21
2/1465	BASORTRAY 21
2/1466	BASORTRAY 21
2/1467	BASORTRAY 21
2/1468	BASORTRAY 21
2/1470	BASORTRAY 21
2/1471	BASORTRAY 21
2/1472	BASORTRAY 21
2/1473	BASORTRAY 21
2/1474	BASORTRAY 21
2/1475	BASORTRAY 21
2/1476	BASORTRAY 21
2/1478	BASORTRAY 21
2/1479	BASORTRAY 21

REF.	Family / Pg.
2/1480	BASORTRAY 21
2/1481	BASORTRAY 21
2/1482	BASORTRAY 21
2/1483	BASORTRAY 21
2/1484	BASORTRAY 21
2/1485	BASORTRAY 21
2/1489	BASORTRAY 21
2/1490	BASORTRAY 21
2/1491	BASORTRAY 21
2/1493	BASORTRAY 21
2/1494	BASORTRAY 21
2/1495	BASORTRAY 21
2/1496	BASORTRAY 21
2/1497	BASORTRAY 21
2/1498	BASORTRAY 21
2/1499	BASORTRAY 21
2/1501	BASORTRAY 21
2/1502	BASORTRAY 21
2/1503	BASORTRAY 21
2/1504	BASORTRAY 21
2/1505	BASORTRAY 21
2/1506	BASORTRAY 21
2/1507	BASORTRAY 21
2/1509	BASORTRAY 21
2/1510	BASORTRAY 21
2/1511	BASORTRAY 21
2/1512	BASORTRAY 21
2/1544	BASORTRAY 21
2/1545	BASORTRAY 21
2/1546	BASORTRAY 21
2/1547	BASORTRAY 21
2/1548	BASORTRAY 21
2/1549	BASORTRAY 21
2/1550	BASORTRAY 21
2/1551	BASORTRAY 21
2/1552	BASORTRAY 21
2/1553	BASORTRAY 21
2/1554	BASORTRAY 21
2/1555	BASORTRAY 21
2/1556	BASORTRAY 21
2/1557	BASORTRAY 21
2/1565	BASORTRAY 23
2/1566	BASORTRAY 23
2/1567	BASORTRAY 23
2/1568	BASORTRAY 23
2/1572	BASORTRAY 23
2/1573	BASORTRAY 23
2/1574	BASORTRAY 23
2/1576	BASORTRAY 23
2/1577	BASORTRAY 23
2/1578	BASORTRAY 23
2/1579	BASORTRAY 23
2/1580	BASORTRAY 23
2/1581	BASORTRAY 23
2/1582	BASORTRAY 23
2/1584	BASORTRAY 23
2/1585	BASORTRAY 23
2/1586	BASORTRAY 23

REF.	Family / Pg.
2/1587	BASORTRAY 23
2/1588	BASORTRAY 23
2/1589	BASORTRAY 23
2/1590	BASORTRAY 23
2/1592	BASORTRAY 23
2/1593	BASORTRAY 23
2/1594	BASORTRAY 23
2/1595	BASORTRAY 23
2/1596	BASORTRAY 23
2/1597	BASORTRAY 23
2/1598	BASORTRAY 23
2/1599	BASORTRAY 23
2/1603	BASORTRAY 23
2/1604	BASORTRAY 23
2/1605	BASORTRAY 23
2/1607	BASORTRAY 23
2/1608	BASORTRAY 23
2/1609	BASORTRAY 23
2/1610	BASORTRAY 23
2/1611	BASORTRAY 23
2/1612	BASORTRAY 23
2/1613	BASORTRAY 23
2/1615	BASORTRAY 23
2/1616	BASORTRAY 23
2/1617	BASORTRAY 23
2/1618	BASORTRAY 23
2/1619	BASORTRAY 23
2/1620	BASORTRAY 23
2/1621	BASORTRAY 23
2/1623	BASORTRAY 23
2/1624	BASORTRAY 23
2/1625	BASORTRAY 23
2/1626	BASORTRAY 23
2/1658	BASORTRAY 23
2/1659	BASORTRAY 23
2/1660	BASORTRAY 23
2/1661	BASORTRAY 23
2/1665	BASORTRAY 23
2/1666	BASORTRAY 23
2/1667	BASORTRAY 23
2/1669	BASORTRAY 23
2/1670	BASORTRAY 23
2/1671	BASORTRAY 23
2/1672	BASORTRAY 23
2/1673	BASORTRAY 23
2/1674	BASORTRAY 23
2/1675	BASORTRAY 23
2/1677	BASORTRAY 23
2/1678	BASORTRAY 23
2/1679	BASORTRAY 23
2/1680	BASORTRAY 23
2/1681	BASORTRAY 23
2/1682	BASORTRAY 23
2/1683	BASORTRAY 23
2/1685	BASORTRAY 23
2/1686	BASORTRAY 23
2/1687	BASORTRAY 23
2/1688	BASORTRAY 23

REF.	Family / Pg.
2/1689	BASORTRAY 23
2/1690	BASORTRAY 23
2/1691	BASORTRAY 23
2/1692	BASORTRAY 23
2/1696	BASORTRAY 23
2/1697	BASORTRAY 23
2/1698	BASORTRAY 23
2/1700	BASORTRAY 23
2/1701	BASORTRAY 23
2/1702	BASORTRAY 23
2/1703	BASORTRAY 23
2/1704	BASORTRAY 23
2/1705	BASORTRAY 23
2/1706	BASORTRAY 23
2/1708	BASORTRAY 23
2/1709	BASORTRAY 23
2/1710	BASORTRAY 23
2/1711	BASORTRAY 23
2/1712	BASORTRAY 23
2/1713	BASORTRAY 23
2/1714	BASORTRAY 23
2/1716	BASORTRAY 23
2/1717	BASORTRAY 23
2/1718	BASORTRAY 23
2/1719	BASORTRAY 23
2/1751	BASORTRAY 25
2/1752	BASORTRAY 25
2/1753	BASORTRAY 25
2/1754	BASORTRAY 25
2/1758	BASORTRAY 25
2/1759	BASORTRAY 25
2/1760	BASORTRAY 25
2/1762	BASORTRAY 25
2/1763	BASORTRAY 25
2/1764	BASORTRAY 25
2/1765	BASORTRAY 25
2/1766	BASORTRAY 25
2/1767	BASORTRAY 25
2/1768	BASORTRAY 25
2/1770	BASORTRAY 25
2/1771	BASORTRAY 25
2/1772	BASORTRAY 25
2/1773	BASORTRAY 25
2/1774	BASORTRAY 25
2/1775	BASORTRAY 25
2/1776	BASORTRAY 25
2/1778	BASORTRAY 25
2/1779	BASORTRAY 25
2/1780	BASORTRAY 25
2/1781	BASORTRAY 25
2/1782	BASORTRAY 25
2/1783	BASORTRAY 25
2/1784	BASORTRAY 25
2/1785	BASORTRAY 25
2/1789	BASORTRAY 25
2/1790	BASORTRAY 25
2/1791	BASORTRAY 25
2/1793	BASORTRAY 25

REF.	Family / Pg.
2/1794	BASORTRAY 25
2/1795	BASORTRAY 25
2/1796	BASORTRAY 25
2/1797	BASORTRAY 25
2/1798	BASORTRAY 25
2/1799	BASORTRAY 25
2/1801	BASORTRAY 25
2/1802	BASORTRAY 25
2/1803	BASORTRAY 25
2/1804	BASORTRAY 25
2/1805	BASORTRAY 25
2/1806	BASORTRAY 25
2/1807	BASORTRAY 25
2/1809	BASORTRAY 25
2/1810	BASORTRAY 25
2/1811	BASORTRAY 25
2/1812	BASORTRAY 25
2/1844	BASORTRAY 25
2/1845	BASORTRAY 25
2/1846	BASORTRAY 25
2/1848	BASORTRAY 25
2/1849	BASORTRAY 25
2/1850	BASORTRAY 25
2/1851	BASORTRAY 25
2/1852	BASORTRAY 25
2/1853	BASORTRAY 25
2/1854	BASORTRAY 25
2/1855	BASORTRAY 25
2/1856	BASORTRAY 25
2/1857	BASORTRAY 25
2/1858	BASORTRAY 25
2/1866	BASORTRAY 26
2/1867	BASORTRAY 26
2/1868	BASORTRAY 26
2/1869	BASORTRAY 26
2/1872	BASORTRAY 26
2/1873	BASORTRAY 26
2/1874	BASORTRAY 26
2/1875	BASORTRAY 26
2/1877	BASORTRAY 26
2/1878	BASORTRAY 26
2/1879	BASORTRAY 26
2/1880	BASORTRAY 26
2/1881	BASORTRAY 26
2/1882	BASORTRAY 26
2/1883	BASORTRAY 26
2/1885	BASORTRAY 26
2/1886	BASORTRAY 26
2/1887	BASORTRAY 26
2/1889	BASORTRAY 26
2/1890	BASORTRAY 26
2/1891	BASORTRAY 26
2/1893	BASORTRAY 26
2/1894	BASORTRAY 26
2/1895	BASORTRAY 26
2/1896	BASORTRAY 26
2/1897	BASORTRAY 26
2/1898	BASORTRAY 26

REF.	Family / Pg.
2/1899	BASORTRAY 26
2/1900	BASORTRAY 26
2/1904	BASORTRAY 26
2/1905	BASORTRAY 26
2/1906	BASORTRAY 26
2/1908	BASORTRAY 26
2/1909	BASORTRAY 26
2/1910	BASORTRAY 26
2/1911	BASORTRAY 26
2/1912	BASORTRAY 26
2/1913	BASORTRAY 26
2/1914	BASORTRAY 26
2/1916	BASORTRAY 26
2/1917	BASORTRAY 26
2/1918	BASORTRAY 26
2/1919	BASORTRAY 26
2/1920	BASORTRAY 26
2/1921	BASORTRAY 26
2/1922	BASORTRAY 26
2/1924	BASORTRAY 26
2/1925	BASORTRAY 26
2/1926	BASORTRAY 26
2/1927	BASORTRAY 26
2/1959	BASORTRAY 26
2/1960	BASORTRAY 26
2/1961	BASORTRAY 26
2/1963	BASORTRAY 26
2/1964	BASORTRAY 26
2/1965	BASORTRAY 26
2/1966	BASORTRAY 26
2/1967	BASORTRAY 26
2/1968	BASORTRAY 26
2/1969	BASORTRAY 26
2/1971	BASORTRAY 26
2/1972	BASORTRAY 26
2/1973	BASORTRAY 26
2/1974	BASORTRAY 26
2/1983	BASORTRAY 27
2/1984	BASORTRAY 27
2/1985	BASORTRAY 27
2/1987	BASORTRAY 27
2/1991	BASORTRAY 27
2/1992	BASORTRAY 27
2/1993	BASORTRAY 27
2/1995	BASORTRAY 27
2/1996	BASORTRAY 27
2/1997	BASORTRAY 27
2/1998	BASORTRAY 27
2/1999	BASORTRAY 27
2/2000	BASORTRAY 27
2/2001	BASORTRAY 27
2/2003	BASORTRAY 27
2/2004	BASORTRAY 27
2/2005	BASORTRAY 27
2/2006	BASORTRAY 27
2/2007	BASORTRAY 27
2/2008	BASORTRAY 27
2/2009	BASORTRAY 27

REF.	Family / Pg.
2/2011	BASORTRAY 27
2/2012	BASORTRAY 27
2/2013	BASORTRAY 27
2/2014	BASORTRAY 27
2/2015	BASORTRAY 27
2/2016	BASORTRAY 27
2/2017	BASORTRAY 27
2/2019	BASORTRAY 27
2/2023	BASORTRAY 27
2/2024	BASORTRAY 27
2/2025	BASORTRAY 27
2/2027	BASORTRAY 27
2/2028	BASORTRAY 27
2/2029	BASORTRAY 27
2/2030	BASORTRAY 27
2/2031	BASORTRAY 27
2/2032	BASORTRAY 27
2/2033	BASORTRAY 27
2/2035	BASORTRAY 27
2/2036	BASORTRAY 27
2/2037	BASORTRAY 27
2/2038	BASORTRAY 27
2/2039	BASORTRAY 27
2/2040	BASORTRAY 27
2/2041	BASORTRAY 27
2/2043	BASORTRAY 27
2/2044	BASORTRAY 27
2/2045	BASORTRAY 27
2/2046	BASORTRAY 27
2/2047	BASORTRAY 29
2/2048	BASORTRAY 29
2/2049	BASORTRAY 29
2/2050	BASORTRAY 29
2/2051	BASORTRAY 6
2/2052	BASORTRAY 29
2/2053	BASORTRAY 29
2/2054	BASORTRAY 29
2/2055	BASORTRAY 29
2/2056	BASORTRAY 6
2/2061	BASORPLAST 26
2/2062	BASORPLAST 26
2/2064	BASORFIL 14
2/2066	BASORTRAY 28, 40, BASORFIL 19,BASORTRAV 54
2/2069	BASORTRAY 50
2/2070	BASORTRAY 50
2/2071	BASORTRAY 50
2/2072	BASORTRAY 50
2/2073	BASORTRAY 50
2/2077	BASORTRAY 50
2/2078	BASORTRAY 50
2/2079	BASORTRAY 50
2/2080	BASORTRAY 50
2/2081	BASORTRAY 50
2/2082	BASORTRAY 50
2/2083	BASORTRAY 50
2/2084	BASORTRAY 50
2/2085	BASORTRAY 50

REF.	Family / Pg.
2/2086	BASORTRAY 50
2/2087	BASORTRAY 50
2/2088	BASORTRAY 50
2/2089	BASORTRAY 50
2/2090	BASORTRAY 50
2/2091	BASORTRAY 50
2/2092	BASORTRAY 50
2/2167	BASORTRAY 50
2/2168	BASORTRAY 50
2/2169	BASORTRAY 50
2/2170	BASORTRAY 50
2/2171	BASORTRAY 50
2/2172	BASORTRAY 50
2/2173	BASORTRAY 50
2/2174	BASORTRAY 50
2/2175	BASORTRAY 50
2/2176	BASORTRAY 50
2/2177	BASORTRAY 50
2/2178	BASORTRAY 50
2/2179	BASORTRAY 50
2/2180	BASORTRAY 50
2/2181	BASORTRAY 50
2/2182	BASORTRAY 50
2/2213	BASORTRAY 57
2/2215	BASORTRAY 57
2/2216	BASORTRAY 57
2/2217	BASORTRAY 57
2/2219	BASORTRAY 57
2/2228	BASORTRAY 57
2/2230	BASORTRAY 57
2/2231	BASORTRAY 57
2/2232	BASORTRAY 57
2/2234	BASORTRAY 57
2/2249	BASORTRAY 50
2/2250	BASORTRAY 50
2/2251	BASORTRAY 50
2/2252	BASORTRAY 50
2/2253	BASORTRAY 50
2/2257	BASORTRAY 50
2/2258	BASORTRAY 50
2/2259	BASORTRAY 50
2/2260	BASORTRAY 50
2/2261	BASORTRAY 50
2/2262	BASORTRAY 50
2/2263	BASORTRAY 50
2/2264	BASORTRAY 50
2/2265	BASORTRAY 50
2/2266	BASORTRAY 50
2/2267	BASORTRAY 50
2/2268	BASORTRAY 50
2/2269	BASORTRAY 50
2/2270	BASORTRAY 50
2/2271	BASORTRAY 50
2/2272	BASORTRAY 50
2/2347	BASORTRAY 50
2/2348	BASORTRAY 50
2/2349	BASORTRAY 50
2/2350	BASORTRAY 50

REF.	Family / Pg.
2/2351	BASORTRAY 50
2/2352	BASORTRAY 50
2/2353	BASORTRAY 50
2/2354	BASORTRAY 50
2/2355	BASORTRAY 50
2/2356	BASORTRAY 50
2/2357	BASORTRAY 50
2/2358	BASORTRAY 50
2/2359	BASORTRAY 50
2/2360	BASORTRAY 50
2/2361	BASORTRAY 50
2/2362	BASORTRAY 50
2/2393	BASORTRAY 57
2/2395	BASORTRAY 57
2/2396	BASORTRAY 57
2/2397	BASORTRAY 57
2/2399	BASORTRAY 57
2/2408	BASORTRAY 57
2/2409	BASORTRAY 57
2/2410	BASORTRAY 57
2/2411	BASORTRAY 57
2/2412	BASORTRAY 57
2/2414	BASORTRAY 57
2/2429	BASORTRAY 51
2/2430	BASORTRAY 51
2/2431	BASORTRAY 51
2/2432	BASORTRAY 51
2/2433	BASORTRAY 51
2/2437	BASORTRAY 51
2/2438	BASORTRAY 51
2/2439	BASORTRAY 51
2/2440	BASORTRAY 51
2/2441	BASORTRAY 51
2/2442	BASORTRAY 51
2/2443	BASORTRAY 51
2/2444	BASORTRAY 51
2/2445	BASORTRAY 51
2/2446	BASORTRAY 51
2/2447	BASORTRAY 51
2/2448	BASORTRAY 51
2/2449	BASORTRAY 51
2/2450	BASORTRAY 51
2/2451	BASORTRAY 51
2/2452	BASORTRAY 51
2/2527	BASORTRAY 51
2/2528	BASORTRAY 51
2/2529	BASORTRAY 51
2/2530	BASORTRAY 51
2/2531	BASORTRAY 51
2/2532	BASORTRAY 51
2/2533	BASORTRAY 51
2/2534	BASORTRAY 51
2/2535	BASORTRAY 51
2/2536	BASORTRAY 51
2/2537	BASORTRAY 51
2/2538	BASORTRAY 51
2/2539	BASORTRAY 51
2/2540	BASORTRAY 51

REF.	Family / Pg.
2/2541	BASORTRAY 51
2/2542	BASORTRAY 51
2/2573	BASORTRAY 57
2/2575	BASORTRAY 57
2/2576	BASORTRAY 57
2/2577	BASORTRAY 57
2/2579	BASORTRAY 57
2/2588	BASORTRAY 57
2/2590	BASORTRAY 57
2/2591	BASORTRAY 57
2/2592	BASORTRAY 57
2/2594	BASORTRAY 57
2/2609	BASORTRAY 52
2/2610	BASORTRAY 52
2/2611	BASORTRAY 52
2/2612	BASORTRAY 52
2/2613	BASORTRAY 52
2/2617	BASORTRAY 52
2/2618	BASORTRAY 52
2/2619	BASORTRAY 52
2/2620	BASORTRAY 52
2/2621	BASORTRAY 52
2/2622	BASORTRAY 52
2/2623	BASORTRAY 52
2/2624	BASORTRAY 52
2/2625	BASORTRAY 52
2/2626	BASORTRAY 52
2/2627	BASORTRAY 52
2/2628	BASORTRAY 52
2/2629	BASORTRAY 52
2/2630	BASORTRAY 52
2/2631	BASORTRAY 52
2/2632	BASORTRAY 52
2/2707	BASORTRAY 52
2/2708	BASORTRAY 52
2/2709	BASORTRAY 52
2/2710	BASORTRAY 52
2/2711	BASORTRAY 52
2/2712	BASORTRAY 52
2/2713	BASORTRAY 52
2/2714	BASORTRAY 52
2/2715	BASORTRAY 52
2/2716	BASORTRAY 52
2/2717	BASORTRAY 52
2/2718	BASORTRAY 52
2/2719	BASORTRAY 52
2/2720	BASORTRAY 52
2/2721	BASORTRAY 52
2/2722	BASORTRAY 52
2/2753	BASORTRAY 58
2/2755	BASORTRAY 58
2/2756	BASORTRAY 58
2/2757	BASORTRAY 58
2/2759	BASORTRAY 58
2/2768	BASORTRAY 58
2/2770	BASORTRAY 58
2/2771	BASORTRAY 58
2/2772	BASORTRAY 58

REF.	Family / Pg.
2/2774	BASORTRAY 58
2/2789	BASORTRAY 51
2/2790	BASORTRAY 51
2/2791	BASORTRAY 51
2/2792	BASORTRAY 51
2/2793	BASORTRAY 51
2/2797	BASORTRAY 51
2/2798	BASORTRAY 51
2/2799	BASORTRAY 51
2/2800	BASORTRAY 51
2/2801	BASORTRAY 51
2/2802	BASORTRAY 51
2/2803	BASORTRAY 51
2/2804	BASORTRAY 51
2/2805	BASORTRAY 51
2/2806	BASORTRAY 51
2/2807	BASORTRAY 51
2/2808	BASORTRAY 51
2/2809	BASORTRAY 51
2/2810	BASORTRAY 51
2/2811	BASORTRAY 51
2/2812	BASORTRAY 51
2/2888	BASORTRAY 51
2/2889	BASORTRAY 51
2/2890	BASORTRAY 51
2/2891	BASORTRAY 51
2/2892	BASORTRAY 51
2/2893	BASORTRAY 51
2/2894	BASORTRAY 51
2/2895	BASORTRAY 51
2/2896	BASORTRAY 51
2/2897	BASORTRAY 51
2/2898	BASORTRAY 51
2/2899	BASORTRAY 51
2/2900	BASORTRAY 51
2/2901	BASORTRAY 51
2/2902	BASORTRAY 51
2/2903	BASORTRAY 51
2/2935	BASORTRAY 58
2/2937	BASORTRAY 58
2/2938	BASORTRAY 58
2/2939	BASORTRAY 58
2/2941	BASORTRAY 58
2/2950	BASORTRAY 58
2/2952	BASORTRAY 58
2/2953	BASORTRAY 58
2/2954	BASORTRAY 58
2/2956	BASORTRAY 58
2/3186	BASORTRAY 53
2/3187	BASORTRAY 53
2/3188	BASORTRAY 60
2/3189	BASORTRAY 60
2/3207	BASORTRAY 55
2/3218	BASORTRAY 47
2/3219	BASORTRAY 48
2/3226	BASORTRAY 29
2/3229	BASORTRAY 29
2/3232	BASORTRAY 29

REF.	Family / Pg.
2/3233	BASORTRAY 29
2/3235	BASORTRAY 6
2/3236	BASORTRAY 6
2/3238	BASORTRAY 6
2/3249	BASORTRAY 23
2/3250	BASORTRAY 23
2/3251	BASORTRAY 23
2/3252	BASORTRAY 23
2/3253	BASORTRAY 23
2/3263	BASORTRAY 21
2/3264	BASORTRAY 21
2/3265	BASORTRAY 21
2/3266	BASORTRAY 21
2/3268	BASORTRAV 73
2/3269	BASORTRAV 73
2/3270	BASORTRAV 73
2/3271	BASORTRAY 21
2/3333	BASORCANAL 6
2/3397	BASORFIX 22
2/3413	BASORSUPPORT 21, BASORCANAL 19
2/3414	BASORSUPPORT 21, BASORCANAL 19
2/3415	BASORSUPPORT 21, BASORCANAL 19
2/3418	BASORSUPPORT 21
2/3419	BASORSUPPORT 21
2/3420	BASORSUPPORT 21
2/3438	BASORSUPPORT 8
2/3450	BASORSUPPORT 8
2/3460	BASORSUPPORT 13, 28
2/3461	BASORFIX 21
2/3462	BASORFIX 21
2/3465	BASORTRAY 39, 53
2/3466	BASORTRAY 39
2/3473	BASORFIX 16
2/3476	BASORTRAY 28, 40,BASORFIL 19,BASORTRAV 15, 54
2/3477	BASORTRAY 28,BASORFIL 19,BASORTRAV 54
2/3478	BASORTRAY 28, 40,BASORFIL 19,BASORTRAV 54
2/3479	BASORTRAY 28, 40,BASORFIL 19,BASORTRAV 15, 54
2/3480	BASORTRAY 28, 40,BASORFIL 19,BASORTRAV 54
2/3481	BASORTRAY 28,BASORFIL 19,BASORTRAV 54
2/3482	BASORTRAY 28, 40,BASORFIL 19,BASORTRAV 54
2/3485	BASORSUPPORT 27
2/3520	BASORPLAST 15, 26
2/3521	BASORPLAST 25
2/3522	BASORPLAST 25
2/3523	BASORPLAST 25
2/3540	BASORTRAY 55
2/3541	BASORTRAY 55
2/3544	BASORTRAV 73

REF.	Family / Pg.
2/3545	BASORTRAV 73
2/3546	BASORTRAV 73
2/3553	BASORTRAY 44
2/3554	BASORTRAY 44
2/3559	BASORTRAY 29
2/3560	BASORTRAY 19
2/3561	BASORTRAY 19
2/3562	BASORTRAY 19
2/3563	BASORTRAY 19
2/3564	BASORTRAY 19
2/3565	BASORTRAY 23
2/3579	BASORTRAV 5, 51
2/3595	BASORTRAV 73
2/3596	BASORTRAV 73
2/3597	BASORTRAV 73
2/3598	BASORTRAV 73
2/3599	BASORTRAV 74
2/3600	BASORTRAV 75
2/3601	BASORTRAV 75
2/3607	BASORTRAV 76
2/3610	BASORCANAL 7
2/3614	BASORFIL 9
2/3616	BASORFIL 7
2/3617	BASORFIL 7
2/3618	BASORFIL 7
2/3619	BASORFIL 7
2/3622	BASORFIL 7
2/3623	BASORFIL 7
2/3624	BASORFIL 7
2/3625	BASORFIL 7
2/3626	BASORFIL 7
2/3629	BASORSUPPORT 15, 21
2/3630	BASORSUPPORT 15, 21
2/3633	BASORSUPPORT 11
2/3642	BASORTRAY 56
2/3645	BASORTRAY 28,BASORFIL 19
2/3655	BASORTRAY 53
2/3658	BASORTRAY 34
2/3659	BASORTRAY 33
2/3660	BASORTRAY 33
2/3661	BASORTRAY 33
2/3662	BASORTRAY 33
2/3663	BASORTRAY 33
2/3669	BASORTRAY 35
2/3670	BASORTRAY 35
2/3671	BASORTRAY 35
2/3672	BASORTRAY 35
2/3673	BASORTRAY 35
2/3688	BASORTRAY 37
2/3689	BASORTRAY 37
2/3690	BASORTRAY 37
2/3691	BASORTRAY 37
2/3692	BASORTRAY 37
2/3693	BASORTRAY 37
2/3698	BASORTRAY 38
2/3699	BASORTRAY 38
2/3700	BASORTRAY 38
2/3701	BASORTRAY 38

REF.	Family / Pg.
2/3702	BASORTRAY 38
2/3703	BASORTRAY 38
2/3708	BASORTRAY 34
2/3709	BASORTRAY 33
2/3710	BASORTRAY 33
2/3711	BASORTRAY 33
2/3712	BASORTRAY 33
2/3713	BASORTRAY 33
2/3714	BASORTRAY 33
2/3715	BASORTRAY 33
2/3716	BASORTRAY 34
2/3717	BASORTRAY 34
2/3724	BASORTRAY 39
2/3745	BASORTRAY 35
2/3746	BASORTRAY 35
2/3747	BASORTRAY 35
2/3748	BASORTRAY 35
2/3749	BASORTRAY 35
2/3750	BASORTRAY 35
2/3751	BASORTRAY 35
2/3752	BASORTRAY 35
2/3753	BASORTRAY 35
2/3754	BASORTRAY 35
2/3765	BASORTRAY 37
2/3766	BASORTRAY 37
2/3767	BASORTRAY 37
2/3768	BASORTRAY 37
2/3769	BASORTRAY 37
2/3770	BASORTRAY 37
2/3771	BASORTRAY 37
2/3772	BASORTRAY 37
2/3773	BASORTRAY 37
2/3774	BASORTRAY 37
2/3775	BASORTRAY 38
2/3776	BASORTRAY 38
2/3777	BASORTRAY 38
2/3778	BASORTRAY 38
2/3779	BASORTRAY 38
2/3780	BASORTRAY 38
2/3781	BASORTRAY 38
2/3782	BASORTRAY 38
2/3783	BASORTRAY 38
2/3784	BASORTRAY 38
2/3785	BASORTRAY 33
2/3786	BASORTRAY 33
2/3787	BASORTRAY 33
2/3788	BASORTRAY 33
2/3789	BASORTRAY 33
2/3790	BASORTRAY 33
2/3791	BASORTRAY 33
2/3792	BASORTRAY 34
2/3793	BASORTRAY 34
2/3800	BASORTRAY 40
2/3801	BASORTRAY 39
2/3811	BASORTRAY 35
2/3812	BASORTRAY 35
2/3813	BASORTRAY 35
2/3814	BASORTRAY 35

REF.	Family / Pg.
2/3815	BASORTRAY 35
2/3816	BASORTRAY 35
2/3817	BASORTRAY 35
2/3818	BASORTRAY 35
2/3819	BASORTRAY 35
2/3829	BASORTRAY 37
2/3830	BASORTRAY 37
2/3831	BASORTRAY 37
2/3832	BASORTRAY 37
2/3833	BASORTRAY 37
2/3834	BASORTRAY 37
2/3835	BASORTRAY 37
2/3836	BASORTRAY 37
2/3837	BASORTRAY 37
2/3838	BASORTRAY 38
2/3839	BASORTRAY 38
2/3840	BASORTRAY 38
2/3841	BASORTRAY 38
2/3842	BASORTRAY 38
2/3843	BASORTRAY 38
2/3844	BASORTRAY 38
2/3845	BASORTRAY 38
2/3846	BASORTRAY 38
2/3847	BASORTRAY 34
2/3848	BASORTRAY 33
2/3849	BASORTRAY 33
2/3850	BASORTRAY 33
2/3851	BASORTRAY 33
2/3852	BASORTRAY 33
2/3863	BASORTRAY 35
2/3864	BASORTRAY 35
2/3865	BASORTRAY 35
2/3866	BASORTRAY 35
2/3867	BASORTRAY 35
2/3868	BASORTRAY 35
2/3883	BASORTRAY 37
2/3884	BASORTRAY 37
2/3885	BASORTRAY 37
2/3886	BASORTRAY 37
2/3887	BASORTRAY 37
2/3888	BASORTRAY 37
2/3893	BASORTRAY 38
2/3894	BASORTRAY 38
2/3895	BASORTRAY 38
2/3896	BASORTRAY 38
2/3897	BASORTRAY 38
2/3898	BASORTRAY 38
2/3903	BASORTRAY 34
2/3904	BASORTRAY 33
2/3905	BASORTRAY 33
2/3906	BASORTRAY 33
2/3907	BASORTRAY 33
2/3908	BASORTRAY 33
2/3909	BASORTRAY 33
2/3910	BASORTRAY 33
2/3911	BASORTRAY 34
2/3912	BASORTRAY 34
2/3919	BASORTRAY 39

REF.	Family / Pg.
2/3940	BASORTRAY 35
2/3941	BASORTRAY 35
2/3942	BASORTRAY 35
2/3943	BASORTRAY 35
2/3944	BASORTRAY 35
2/3945	BASORTRAY 35
2/3946	BASORTRAY 35
2/3947	BASORTRAY 35
2/3948	BASORTRAY 35
2/3949	BASORTRAY 35
2/3960	BASORTRAY 37
2/3961	BASORTRAY 37
2/3962	BASORTRAY 37
2/3963	BASORTRAY 37
2/3964	BASORTRAY 37
2/3965	BASORTRAY 37
2/3966	BASORTRAY 37
2/3967	BASORTRAY 37
2/3968	BASORTRAY 37
2/3969	BASORTRAY 37
2/3970	BASORTRAY 38
2/3971	BASORTRAY 38
2/3972	BASORTRAY 38
2/3973	BASORTRAY 38
2/3974	BASORTRAY 38
2/3975	BASORTRAY 38
2/3976	BASORTRAY 38
2/3977	BASORTRAY 38
2/3978	BASORTRAY 38
2/3979	BASORTRAY 38
2/3980	BASORTRAY 33
2/3981	BASORTRAY 33
2/3982	BASORTRAY 33
2/3983	BASORTRAY 33
2/3984	BASORTRAY 33
2/3985	BASORTRAY 33
2/3986	BASORTRAY 33
2/3987	BASORTRAY 34
2/3988	BASORTRAY 34
2/3995	BASORTRAY 40
2/3996	BASORTRAY 39
2/3998	BASORTRAY 39
2/3999	BASORTRAY 39
2/4000	BASORTRAY 39
2/4001	BASORTRAY 39
2/4002	BASORTRAY 39
2/4006	BASORTRAY 35
2/4007	BASORTRAY 35
2/4008	BASORTRAY 35
2/4009	BASORTRAY 35
2/4010	BASORTRAY 35
2/4011	BASORTRAY 35
2/4012	BASORTRAY 35
2/4013	BASORTRAY 35
2/4014	BASORTRAY 35
2/4024	BASORTRAY 37
2/4025	BASORTRAY 37
2/4026	BASORTRAY 37

REF.	Family / Pg.
2/4027	BASORTRAY 37
2/4028	BASORTRAY 37
2/4029	BASORTRAY 37
2/4030	BASORTRAY 37
2/4031	BASORTRAY 37
2/4032	BASORTRAY 37
2/4033	BASORTRAY 38
2/4034	BASORTRAY 38
2/4035	BASORTRAY 38
2/4036	BASORTRAY 38
2/4037	BASORTRAY 38
2/4038	BASORTRAY 38
2/4039	BASORTRAY 38
2/4040	BASORTRAY 38
2/4041	BASORTRAY 38
2/4203	BASORCANAL 7
2/4229	BASORTRAY 36
2/4230	BASORTRAY 36
2/4231	BASORTRAY 36
2/4232	BASORTRAY 36
2/4233	BASORTRAY 36
2/4234	BASORTRAY 36
2/4239	BASORTRAY 36
2/4240	BASORTRAY 36
2/4241	BASORTRAY 36
2/4242	BASORTRAY 36
2/4243	BASORTRAY 36
2/4244	BASORTRAY 36
2/4245	BASORTRAY 36
2/4246	BASORTRAY 36
2/4247	BASORTRAY 36
2/4248	BASORTRAY 36
2/4249	BASORTRAY 36
2/4250	BASORTRAY 36
2/4251	BASORTRAY 36
2/4252	BASORTRAY 36
2/4253	BASORTRAY 36
2/4254	BASORTRAY 36
2/4255	BASORTRAY 36
2/4256	BASORTRAY 36
2/4257	BASORTRAY 36
2/4258	BASORTRAY 36
2/4259	BASORTRAY 36
2/4260	BASORTRAY 36
2/4261	BASORTRAY 36
2/4262	BASORTRAY 36
2/4263	BASORTRAY 36
2/4268	BASORTRAY 36
2/4269	BASORTRAY 36
2/4270	BASORTRAY 36
2/4271	BASORTRAY 36
2/4272	BASORTRAY 36
2/4273	BASORTRAY 36
2/4274	BASORTRAY 36
2/4275	BASORTRAY 36
2/4276	BASORTRAY 36
2/4277	BASORTRAY 36
2/4278	BASORTRAY 36

REF.	Family / Pg.
2/4279	BASORTRAY 36
2/4280	BASORTRAY 36
2/4281	BASORTRAY 36
2/4282	BASORTRAY 36
2/4283	BASORTRAY 36
2/4284	BASORTRAY 36
2/4285	BASORTRAY 36
2/4286	BASORTRAY 36
2/4289	BASORTRAV 80
2/4291	TRUNKING 6,BASORFIX 21
2/4306	BASORTRAY 12
2/4317	BASORTRAY 11
2/4319	BASORTRAY 11
2/4321	BASORTRAY 35
2/4322	BASORTRAV 80
2/4356	BASORTRAY 7, 30, 40, 63, BASORCANAL 9
2/4360	BASORFIL 12
2/4362	BASORFIL 13
2/4363	BASORFIL 13
2/4364	BASORFIL 12
2/4373	BASORTRAY 11
2/4395	BASORPLAST 25
2/4396	BASORPLAST 25
2/4397	BASORFIL 17, BASORSUPPORT 21
2/4407	BASORFIL 7
2/4409	BASORFIL 7
2/4430	BASORTRAV 5, 51
2/4432	BASORTRAV 83
2/4433	BASORTRAV 83
2/4434	BASORTRAV 83
2/4439	BASORTRAY 29
2/4440	BASORTRAY 30
2/4462	BASORFIX 22
2/4464	BASORSUPPORT 8
2/4471	BASORFIX 16
2/4472	BASORTRAV 5, 51
2/4473	BASORTRAV 5, 51
2/4474	BASORTUB 5
2/4494	BASORTRAV 5, 51
2/4502	BASORTRAV 83
2/4504	BASORSUPPORT 27
2/4505	BASORTRAY 48
2/4509	BASORTRAV 5, 51
2/4514	BASORTRAY 56
2/4518	BASORSUPPORT 16
2/4519	BASORSUPPORT 16
2/4523	BASORTRAV 79
2/4524	BASORTRAV 79
2/4525	BASORTRAV 79
2/4530	BASORTRAV 79
2/4531	BASORTRAV 79
2/4535	BASORTRAV 79
2/4536	BASORTRAV 79
2/4537	BASORTRAV 79
2/4541	BASORTRAV 79
2/4542	BASORTRAV 79

REF.	Family / Pg.
2/4543	BASORTRAV 79
2/4548	BASORTRAV 28
2/4549	BASORTRAV 28
2/4556	BASORTRAY 17
2/4560	BASORTRAY 13,BASORFIL 5, 9
2/4561	BASORTRAY 13,BASORFIL 5, 9
2/4562	BASORTRAY 13,BASORFIL 5, 9
2/4564	BASORTRAV 84
2/4565	BASORTRAV 84
2/4566	BASORTRAV 83
2/4567	BASORTRAV 83
2/4568	BASORTRAV 83
2/4569	BASORTRAV 85
2/4570	BASORTRAV 85
2/4571	BASORTRAV 85
2/4596	BASORTRAV 28
2/4626	BASORTRAY 53, 56
2/4632	BASORTRAV 84
2/4633	BASORTRAV 84
2/4634	BASORTRAV 83
2/4641	BASORSUPPORT 11, 18, 23
2/4642	BASORSUPPORT 11
2/4659	BASORTRAY 44
2/4662	BASORTRAV 84
2/4663	BASORTRAV 85
2/4672	BASORFIX 24
2/4673	BASORTRAV 85
2/4682	BASORTRAV 85
2/4688	BASORTRAY 11
2/4690	BASORTRAV 83
2/4691	BASORSUPPORT 8
2/4693	BASORTRAV 83
2/4707	BASORPLAST 24
2/4709	BASORTRAV 79
2/4716	BASORTRAY 13,BASORFIL 5, 9
2/4723	TRUNKING 7
2/4723	TRUNKING 7
2/4724	BASORTRAY 21
2/4733	BASORSUPPORT 10
2/4734	BASORSUPPORT 10, 17, 22
2/4752	BASORTRAY 19
2/4753	BASORTRAY 19
2/4777	BASORTRAY 19
2/4778	BASORTRAY 19
2/4794	BASORTRAV 28
2/4795	BASORTRAY 11
2/4800	BASORPLAST 25
2/4838	BASORPLAST 25
2/4839	BASORTRAY 44
2/4840	BASORTRAY 44
2/4864	BASORTRAY 49
2/4865	BASORTRAY 49
2/4866	BASORCANAL 8
2/4867	BASORCANAL 7
2/4894	BASORTRAY 44
2/4898	BASORPLAST 21
2/4902	BASORTUB 6
2/4905	BASORTRAY 55

REF.	Family / Pg.
2/4906	BASORTRAY 55
2/4907	BASORTRAY 12
2/4908	BASORTRAY 21
2/4909	BASORTRAY 23
2/4912	TRUNKING 7
2/4912	TRUNKING 7
2/4915	BASORFIL 12
2/4919	BASORFIL 13
2/4921	BASORFIL 13
2/4923	BASORFIL 13
2/4925	BASORTRAY 30, 49, 53, 60, 63,BASORTRAV 57, 70, BASORCANAL 13
2/4931	BASORTRAY 13,BASORFIL 5, 9
2/4933	BASORTRAY 11
2/4937	BASORTRAV 5, 51
2/4938	BASORSUPPORT 10, 17, 22
2/4939	BASORSUPPORT 10
2/4953	BASORFIL 8
2/4954	BASORTRAV 20
2/4958	BASORSUPPORT 11
2/4959	BASORFIL 8
2/4960	BASORFIL 8
2/4961	BASORFIL 8
2/4964	BASORPLAST 21
2/4973	BASORTRAY 49
2/4974	BASORTRAY 49
2/4977	BASORTRAY 49
2/4978	BASORTRAY 49
2/4979	BASORTRAY 49
2/5024	BASORTRAY 21
2/5025	BASORTRAY 23
2/5028	BASORTRAY 12
2/5029	BASORTRAY 12
2/5030	BASORTRAY 11
2/5036	BASORPLAST 15, 26
2/5037	BASORPLAST 15, 26
2/5038	BASORPLAST 15, 26
2/5047	BASORTRAV 74
2/5055	BASORTRAY 29
2/5059	BASORFIL 14
2/5060	BASORFIL 14
2/5066	BASORFIL 19
2/5067	BASORTRAV 84
2/5068	BASORTRAV 85
2/5069	BASORTRAV 85
2/5070	BASORTRAV 84
2/5080	BASORTRAY 56
2/5081	BASORTRAY 56
2/5082	BASORTRAY 56
2/5086	BASORSUPPORT 10
2/5091	BASORPLAST 22
2/5092	BASORPLAST 22
2/5093	BASORFIL 14
2/5113	BASORTRAV 76
2/5114	BASORTRAV 73
2/5115	BASORTRAV 75
2/5116	BASORTRAV 74

REF.	Family / Pg.
2/5123	BASORTRAY 13,BASORFIL 5, 9
2/5125	BASORPLAST 25
2/5138	BASORTRAY 28, 40, BASORFIL 19
2/5157	BASORTRAY 21
2/5158	BASORTRAY 23
2/5163	BASORTRAV 74
2/5184	BASORCANAL 11
2/5185	BASORCANAL 12
2/5186	BASORCANAL 12
2/5188	BASORPLAST 23
2/5189	BASORPLAST 23
2/5190	BASORPLAST 23
2/5191	BASORPLAST 23
2/5192	BASORPLAST 24
2/5193	BASORPLAST 24
2/5194	BASORPLAST 23
2/5195	BASORPLAST 23
2/5196	BASORTRAY 12
2/5197	BASORTRAY 12
2/5198	BASORPLAST 23
2/5199	BASORPLAST 23
2/5200	BASORPLAST 23
2/5201	BASORPLAST 23
2/5202	BASORPLAST 24
2/5203	BASORPLAST 24
2/5204	BASORPLAST 24
2/5205	BASORPLAST 24
2/5206	BASORTUB 5
2/5207	BASORPLAST 24
2/5208	BASORPLAST 24
2/5209	BASORPLAST 24
2/5210	BASORPLAST 24
2/5211	BASORPLAST 24
2/5212	BASORPLAST 24
2/5213	BASORPLAST 24
2/5214	BASORPLAST 24
2/5215	BASORPLAST 24
2/5216	BASORPLAST 24
2/5217	BASORPLAST 24
2/5218	BASORPLAST 24
2/5219	BASORPLAST 25
2/5220	BASORPLAST 25
2/5221	BASORPLAST 25
2/5222	BASORTRAV 6
2/5223	BASORTRAV 6
2/5224	BASORTRAV 6
2/5225	BASORTRAV 6
2/5226	BASORTRAV 6
2/5227	BASORTRAV 6
2/5228	BASORTRAV 6
2/5298	BASORTRAY 29
2/5317	BASORTRAY 19
2/5357	BASORTRAY 13,BASORFIL 5, 9
2/5358	BASORFIL 12
2/5392	BASORTRAV 16, 57, 81, 108, 109
2/5399	FIBERTRAV 25

REF.	Family / Pg.
2/5496	BASORTRAV 73
2/5497	BASORTRAV 74
2/5498	BASORTRAV 74
2/5505	FIBERTRAV 25
2/5506	FIBERTRAV 25
2/5513	BASORTRAY 48
2/5523	BASORTRAV 76
2/5525	BASORSUPPORT 9
2/5534	TRUNKING 6
2/5535	BASORFIX 22
2/5539	BASORFIX 23
2/5543	BASORFIX 15
2/5545	BASORFIX 23
2/5573	BASORFIX 5
2/5574	BASORFIX 7
2/5590	BASORFIL 17, BASORSUPPORT 21
2/5594	BASORFIL 9
2/5598	BASORTRAV 74
2/5599	BASORTRAV 75
2/5602	BASORFIL 18, BASORSUPPORT 21
2/5608	BASORTRAV 74
2/5611	BASORTRAV 74
2/5618	BASORTRAV 83
2/5621	BASORSUPPORT 11, 18, 23
2/5622	BASORFIX 7
2/5624	BASORTRAV 76,BASORFIX 21
2/5627	BASORSUPPORT 18, BASORFIX 14
2/5634	BASORTRAV 75
2/5635	BASORTRAV 75
2/5636	BASORTRAV 75
2/5637	BASORTRAV 75
2/5641	BASORTRAV 86
2/5642	BASORTRAV 86
2/5646	BASORTRAY 60
2/5648	BASORTRAV 73
2/5649	BASORTRAV 73
2/5650	BASORTRAV 73
2/5651	BASORTRAV 74
2/5652	BASORTRAV 74
2/5653	BASORTRAV 74
2/5654	BASORTRAV 75
2/5655	BASORTRAV 75
2/5656	BASORFIX 16
2/5692	BASORTRAY 49
2/5701	BASORSUPPORT 27
2/5708	BASORTRAV 84
2/5709	BASORTRAV 85
2/5719	BASORSUPPORT 15, 21
2/5720	BASORSUPPORT 15, 21
2/5724	BASORFIL 15
2/5725	BASORTRAY 60
2/5740	BASORTRAY 30
2/5757	BASORTRAY 56
2/5791	BASORTRAY 44
2/5801	BASORTRAV 83

REF.	Family / Pg.
2/5802	BASORTRAV 83
2/5803	BASORTRAV 83
2/5804	BASORTRAV 84
2/5805	BASORTRAV 84
2/5806	BASORTRAV 84
2/5807	BASORTRAV 84
2/5808	BASORTRAV 84
2/5809	BASORTRAV 84
2/5810	BASORTRAV 84
2/5811	BASORTRAV 85
2/5812	BASORTRAV 85
2/5813	BASORTRAV 85
2/5814	BASORTRAV 85
2/5821	BASORTRAV 85
2/5822	BASORTRAV 85
2/5823	BASORTRAV 85
2/5824	BASORTRAV 85
2/5825	BASORTRAV 85
2/5826	BASORTRAV 85
2/5834	BASORFIL 16
2/5835	BASORPLAST 8
2/5836	BASORTRAV 74
2/5837	BASORTRAV 74
2/5838	BASORTRAV 74
2/5840	BASORTRAV 74
2/5841	BASORTRAV 74
2/5842	BASORTRAV 75
2/5843	BASORTRAV 75
2/5852	BASORTRAV 73
2/5853	BASORTRAV 73
2/5854	BASORTRAV 76
2/5855	BASORTRAV 76
2/5881	BASORSUPPORT 12
2/5906	BASORFIL 17
2/5907	BASORCANAL 8
2/5908	BASORCANAL 5
2/5931	BASORCANAL 8
2/5941	BASORSUPPORT 15, 21
2/5953	BASORSUPPORT 11
2/5960	BASORTRAV 79
2/5965	BASORTRAY 48
2/5966	BASORTRAY 48
2/5967	BASORTRAY 48
2/5968	BASORTRAY 48
2/5977	BASORTRAY 47
2/6008	BASORTRAY 18
2/6009	BASORTRAY 18
2/6010	BASORTRAY 18
2/6012	BASORTRAY 18
2/6021	BASORCANAL 11
2/6022	BASORCANAL 12
2/6023	BASORCANAL 12
2/6024	BASORTRAV 80
2/6043	BASORFIL 8
2/6044	BASORFIL 9
2/6056	BASORSUPPORT 19, 29
2/6057	BASORSUPPORT 12, 30
2/6058	BASORSUPPORT 12, 30

REF.	Family / Pg.
2/6059	BASORTRAV 20
2/6060	BASORTRAV 20
2/6061	BASORTRAV 20
2/6062	BASORTRAV 20
2/6180	BASORTRAY 19
2/6199	BASORTRAY 18
2/6207	BASORTRAV 79
2/6209	BASORTRAY 29
2/6212	BASORTRAV 83
2/6213	BASORTRAV 83
2/6215	BASORTRAV 20
2/6216	BASORTRAV 20
2/6217	BASORFIL 12
2/6219	BASORFIL 12
2/6221	BASORTRAV 83
2/6239	BASORTRAV 20
2/6240	BASORSUPPORT 8, 15
2/6249	BASORTRAV 20
2/6250	BASORSUPPORT 11
2/6251	BASORSUPPORT 11
2/6254	BASORTRAV 79
2/6258	BASORFIX 24
2/6259	BASORSUPPORT 12, 30
2/6261	BASORTRAY 56
2/6266	BASORTRAY 57
2/6267	BASORTRAY 57
2/6268	BASORTRAY 57
2/6270	BASORTRAY 58
2/6271	BASORSUPPORT 12, 30
2/6272	BASORSUPPORT 11, 18, 23
2/6273	BASORSUPPORT 11, 18, 23
2/6274	BASORSUPPORT 11, 18, 23
2/6275	BASORSUPPORT 12, 30
2/6276	BASORSUPPORT 12, 30
2/6277	BASORSUPPORT 12, 30
2/6280	BASORSUPPORT 15, 21
2/6285	BASORSUPPORT 15
2/6286	BASORSUPPORT 15
2/6287	BASORSUPPORT 15
2/6288	BASORSUPPORT 15
2/6289	BASORSUPPORT 12
2/6290	BASORTRAY 27
2/6291	BASORTRAY 27
2/6292	BASORTRAY 27
2/6293	BASORTRAY 27
2/6294	BASORTRAY 27
2/6295	BASORTRAY 27
2/6296	BASORTRAY 27
2/6297	BASORTRAY 27
2/6298	BASORTRAY 27
2/6299	BASORTRAY 27
2/6300	BASORTRAY 27
2/6301	BASORTRAY 27
2/6302	BASORTRAY 27
2/6303	BASORTRAY 27
2/6304	BASORTRAY 27
2/6305	BASORTRAY 27
2/6311	BASORFIX 9

REF.	Family / Pg.
2/6312	BASORFIX 9
2/6313	BASORFIX 10
2/6314	BASORFIX 10
2/6315	BASORFIX 11
2/6316	BASORFIX 11
2/6317	BASORFIX 11
2/6318	BASORSUPPORT 8, 15
2/6320	BASORSUPPORT 30
2/6323	BASORFIX 22
2/6327	BASORTRAY 29
2/6332	BASORFIX 14
2/6338	BASORTRAY 48
2/6340	BASORSUPPORT 11
2/6342	BASORSUPPORT 12, 30
2/6343	BASORFIL 17
2/6344	BASORTRAV 79
2/6345	BASORSUPPORT 12
2/6346	BASORSUPPORT 12, 19
2/6347	BASORSUPPORT 12, 19
2/6348	BASORSUPPORT 12, 19
2/6349	BASORSUPPORT 12, 19
2/6350	BASORSUPPORT 12, 19, 29
2/6352	BASORTRAV 83
2/6353	BASORTRAV 85
2/6354	BASORTRAV 84
2/6355	BASORTRAV 84
2/6357	BASORPLAST 22
2/6360	BASORCANAL 11
2/6365	BASORFIX 4
2/6366	BASORFIX 4
2/6372	BASORSUPPORT 8
2/6373	BASORSUPPORT 8
2/6374	BASORSUPPORT 8
2/6375	BASORSUPPORT 8
2/6376	BASORSUPPORT 8
2/6377	BASORSUPPORT 8
2/6378	BASORSUPPORT 8
2/6379	BASORSUPPORT 8
2/6380	BASORSUPPORT 8
2/6381	BASORSUPPORT 8
2/6382	BASORSUPPORT 8
2/6383	BASORSUPPORT 8
2/6384	BASORSUPPORT 8
2/6385	BASORSUPPORT 8
2/6407	BASORFIL 7
2/6415	BASORFIX 16
2/6416	BASORTRAY 29
2/6419	BASORFIX 24
2/6420	BASORFIX 24
2/6421	BASORTRAY 18
2/6422	BASORTRAY 18
2/6423	BASORTRAY 18
2/6424	BASORTRAY 18
2/6428	BASORTRAY 56
2/6435	BASORPLAST 8
2/6437	BASORTRAV 59
2/6439	BASORTRAV 59
2/6445	BASORTRAV 69

REF.	Family / Pg.
2/6447	BASORTRAV 69
2/6449	BASORTRAV 69
2/6451	BASORFIL 17
2/6452	BASORFIL 17
2/6453	BASORTUB 8
2/6454	BASORTUB 8
2/6455	BASORTUB 8
2/6456	BASORTUB 8
2/6457	BASORTUB 8
2/6458	BASORTUB 8
2/6459	BASORTUB 8
2/6460	BASORTUB 9
2/6461	BASORTUB 9
2/6462	BASORTUB 9
2/6463	BASORTUB 9
2/6464	BASORTUB 9
2/6465	BASORTUB 9
2/6466	BASORTUB 9
2/6468	BASORFIX 24
2/6469	BASORFIX 24
2/6471	BASORFIX 8
2/6472	BASORSUPPORT 29, BASORFIX 7
2/6473	BASORFIX 8
2/6474	BASORFIX 9
2/6475	BASORFIX 8
2/6477	BASORFIX 9
2/6478	TRUNKING 5
2/6495	BASORSUPPORT 10
2/6502	BASORFIX 22
2/6503	BASORTRAY 21
2/6513	TRUNKING 6
2/6516	BASORFIL 7
2/6517	BASORFLEX 4
2/6518	BASORFLEX 4
2/6519	BASORFLEX 4
2/6520	BASORFLEX 4
2/6521	BASORFLEX 4
2/6522	BASORFLEX 4
2/6523	BASORFLEX 4
2/6524	BASORFLEX 4
2/6525	BASORFLEX 4
2/6526	BASORFLEX 4
2/6527	BASORFLEX 4
2/6528	BASORFLEX 4
2/6529	BASORFLEX 4
2/6530	BASORFLEX 4
2/6531	BASORFLEX 4
2/6532	BASORFLEX 4
2/6533	BASORFLEX 4
2/6534	BASORFLEX 4
2/6597	BASORFLEX 5
2/6598	BASORFLEX 5
2/6599	BASORFLEX 5
2/6600	BASORFLEX 5
2/6601	BASORFLEX 5
2/6602	BASORFLEX 5
2/6603	BASORFLEX 5

REF.	Family / Pg.
2/6604	BASORFLEX 5
2/6605	BASORFLEX 5
2/6606	BASORFLEX 5
2/6607	BASORFLEX 5
2/6608	BASORFLEX 5
2/6609	BASORFLEX 5
2/6610	BASORFLEX 5
2/6611	BASORFLEX 5
2/6612	BASORFLEX 5
2/6613	BASORFLEX 5
2/6614	BASORFLEX 5
2/6615	BASORFLEX 5
2/6616	BASORFLEX 5
2/6617	BASORFLEX 5
2/6618	BASORFLEX 5
2/6619	BASORFLEX 5
2/6620	BASORFLEX 5
2/6621	BASORFLEX 5
2/6622	BASORFLEX 5
2/6623	BASORFLEX 5
2/6624	BASORFLEX 5
2/6625	BASORFLEX 5
2/6626	BASORFLEX 5
2/6627	BASORFLEX 5
2/6628	BASORFLEX 5
2/6629	BASORFLEX 5
2/6630	BASORFLEX 5
2/6631	BASORFLEX 5
2/6632	BASORFLEX 5
2/6633	BASORFLEX 5
2/6634	BASORFLEX 5
2/6635	BASORFLEX 5
2/6636	BASORFLEX 5
2/6637	BASORFLEX 5
2/6638	BASORFLEX 5
2/6639	BASORFLEX 5
2/6640	BASORFLEX 5
2/6641	BASORFLEX 5
2/6642	BASORFLEX 5
2/6643	BASORFLEX 5
2/6644	BASORFLEX 5
2/6645	BASORFLEX 5
2/6646	BASORFLEX 5
2/6647	BASORFLEX 5
2/6648	BASORFLEX 5
2/6649	BASORFLEX 5
2/6650	BASORFLEX 5
2/6651	BASORFLEX 5
2/6652	BASORFLEX 5
2/6653	BASORFLEX 5
2/6654	BASORFLEX 5
2/6655	BASORFLEX 5
2/6656	BASORFLEX 5
2/6657	BASORFLEX 5
2/6658	BASORFLEX 5
2/6659	BASORFLEX 5
2/6660	BASORFLEX 5
2/6661	BASORFLEX 6

REF.	Family / Pg.
2/6662	BASORFLEX 6
2/6663	BASORFLEX 6
2/6664	BASORFLEX 6
2/6665	BASORFLEX 6
2/6666	BASORFLEX 6
2/6667	BASORFLEX 6
2/6668	BASORFLEX 6
2/6669	BASORFLEX 6
2/6670	BASORFLEX 6
2/6671	BASORFLEX 6
2/6672	BASORFLEX 6
2/6673	BASORFLEX 6
2/6674	BASORFLEX 6
2/6675	BASORFLEX 6
2/6676	BASORFLEX 6
2/6677	BASORFLEX 6
2/6678	BASORFLEX 6
2/6679	BASORFLEX 6
2/6680	BASORFLEX 6
2/6681	BASORFLEX 6
2/6682	BASORFLEX 6
2/6683	BASORFLEX 6
2/6684	BASORFLEX 6
2/6685	BASORFLEX 6
2/6686	BASORFLEX 6
2/6687	BASORFLEX 6
2/6688	BASORFLEX 6
2/6689	BASORFLEX 6
2/6690	BASORFLEX 6
2/6691	BASORFLEX 6
2/6692	BASORFLEX 6
2/6693	BASORFLEX 6
2/6694	BASORFLEX 6
2/6695	BASORFLEX 6
2/6696	BASORFLEX 6
2/6697	BASORFLEX 6
2/6698	BASORFLEX 6
2/6732	BASORTUB 9
2/6733	BASORTUB 9
2/6734	BASORTUB 9
2/6735	BASORTUB 9
2/6736	BASORTUB 9
2/6737	BASORTUB 9
2/6738	BASORTUB 9
2/6739	BASORTUB 9
2/6740	BASORTUB 9
2/6741	BASORTUB 9
2/6742	BASORTUB 9
2/6743	BASORTUB 9
2/6744	BASORTUB 9
2/6746	BASORTUB 10
2/6747	BASORTUB 10
2/6748	BASORTUB 10
2/6749	BASORTUB 10
2/6750	BASORTUB 10
2/6751	BASORTUB 10
2/6753	BASORTUB 10
2/6754	BASORTUB 10

REF.	Family / Pg.
2/6755	BASORTUB 10
2/6756	BASORTUB 10
2/6757	BASORTUB 10
2/6758	BASORTUB 10
2/6760	BASORTUB 10
2/6761	BASORTUB 10
2/6762	BASORCANAL 11
2/6775	TRUNKING 5
2/6777	TRUNKING 5
2/6778	TRUNKING 5
2/6779	BASORPLAST 28
2/6780	BASORPLAST 28
2/6781	BASORPLAST 28
2/6782	BASORPLAST 28
2/6784	BASORSUPPORT 26
2/6785	BASORSUPPORT 26
2/6786	BASORSUPPORT 27
2/6787	BASORSUPPORT 27
2/6788	TRUNKING 5
2/6789	TRUNKING 5
2/6790	TRUNKING 5
2/6792	BASORTRAV 16, 57, 108, 109
2/6793	BASORSUPPORT 26
2/6794	BASORFIX 26
2/6795	BASORFIX 26
2/6796	BASORFIX 25
2/6797	BASORFIX 25
2/6799	BASORTRAV 14
2/6800	BASORTRAV 14
2/6801	BASORTRAV 14
2/6802	BASORTRAV 14
2/6803	BASORTRAV 56
2/6804	BASORTRAV 56
2/6805	BASORTRAV 56
2/6806	BASORTRAV 56
2/6807	BASORTRAV 56
2/6808	BASORTRAV 56
2/6809	BASORTRAV 56
2/6810	BASORTRAV 56
2/6811	BASORTUB 10,BASORFIX 13
2/6812	BASORTUB 10,BASORFIX 13
2/6813	BASORTUB 10,BASORFIX 13
2/6814	BASORTUB 10,BASORFIX 13
2/6815	BASORTUB 10,BASORFIX 13
2/6817	BASORTRAY 23
2/6818	BASORCANAL 9
2/6819	BASORTUB 9
2/6820	BASORTUB 9
2/6821	BASORTUB 9
2/6822	BASORTUB 9
2/6823	BASORTUB 9
2/6824	BASORTUB 9
2/6826	BASORTRAY 7, 30, 40, 49, 53, BASORTRAV 57, 70
2/6828	BASORSUPPORT 12
2/6852	BASORFIX 22
2/6854	BASORTRAV 19
2/6855	BASORTRAV 19

REF.	Family / Pg.
2/6856	BASORTRAV 19
2/6857	BASORTRAV 19
2/6858	BASORTRAV 19
2/6859	BASORTRAV 19
2/6860	BASORTRAV 19
2/6861	BASORTRAV 19
2/6862	BASORTRAV 19
2/6863	BASORTRAV 19
2/6864	BASORTRAV 19
2/6865	BASORTRAV 19
2/6866	BASORSUPPORT 9
2/6867	BASORSUPPORT 9
2/6868	BASORSUPPORT 9
2/6869	BASORSUPPORT 9
2/6870	BASORSUPPORT 9
2/6871	BASORSUPPORT 9
2/6872	BASORSUPPORT 9
2/6880	BASORTRAV 24
2/6881	BASORTRAV 24
2/6882	BASORTRAV 24
2/6883	BASORTRAV 24
2/6884	BASORTRAV 24
2/6885	BASORTRAV 24
2/6886	BASORTRAV 24
2/6887	BASORTRAV 24
2/6888	BASORTRAV 24
2/6889	BASORTRAV 24
2/6890	BASORTRAV 24
2/6891	BASORTRAV 24
2/6892	BASORTRAV 28
2/6893	BASORTRAV 28
2/6894	BASORTRAV 28
2/6895	BASORTRAV 28
2/6896	BASORTRAV 28
2/6897	BASORTRAV 28
2/6898	BASORTRAV 28
2/6899	BASORTRAV 28
2/6900	BASORTRAV 28
2/6901	BASORTRAV 28
2/6902	BASORTRAV 28
2/6903	BASORTRAV 28
2/6904	BASORTRAV 32
2/6905	BASORTRAV 32
2/6906	BASORTRAV 32
2/6907	BASORTRAV 32
2/6908	BASORTRAV 32
2/6909	BASORTRAV 32
2/6910	BASORTRAV 32
2/6911	BASORTRAV 32
2/6912	BASORTRAV 32
2/6913	BASORTRAV 32
2/6914	BASORTRAV 32
2/6915	BASORTRAV 32
2/6916	BASORTRAV 35
2/6917	BASORTRAV 35
2/6918	BASORTRAV 35
2/6919	BASORTRAV 35
2/6920	BASORTRAV 35

REF.	Family / Pg.
2/6921	BASORTRAV 35
2/6922	BASORTRAV 35
2/6923	BASORTRAV 35
2/6924	BASORTRAV 35
2/6925	BASORTRAV 35
2/6926	BASORTRAV 35
2/6927	BASORTRAV 35
2/6928	BASORTRAV 36
2/6929	BASORTRAV 36
2/6930	BASORTRAV 36
2/6931	BASORTRAV 36
2/6932	BASORTRAV 36
2/6933	BASORTRAV 36
2/6934	BASORTRAV 36
2/6935	BASORTRAV 36
2/6936	BASORTRAV 36
2/6937	BASORTRAV 36
2/6938	BASORTRAV 36
2/6939	BASORTRAV 36
2/6940	BASORTRAV 55
2/6941	BASORTRAV 55
2/6942	BASORTRAV 55
2/6943	BASORTRAV 55
2/6944	BASORTRAV 55
2/6945	BASORTRAV 55
2/6947	BASORSUPPORT 19, 29
2/6948	BASORFIX 12
2/6950	BASORTRAY 6
2/6951	BASORTRAY 6
2/6952	BASORTRAY 6
2/6954	BASORTRAV 56
2/6955	BASORTRAV 56
2/6956	BASORTRAV 56
2/6957	BASORTRAV 56
2/6958	BASORTRAV 56
2/6959	BASORTRAV 56
2/6960	BASORTRAV 56
2/6961	BASORTRAV 56
2/6962	BASORTRAV 64
2/6964	BASORTRAV 64
2/6968	BASORTRAV 65
2/6970	BASORTRAV 65
2/6974	BASORTRAV 66
2/6976	BASORTRAV 66
2/6980	BASORTRAV 67
2/6982	BASORTRAV 67
2/6986	BASORTRAV 68
2/6988	BASORTRAV 68
2/6992	BASORTRAV 20
2/6995	BASORTUB 11
2/6996	BASORTUB 11
2/6997	BASORTUB 11
2/6998	BASORTUB 11
2/6999	BASORTUB 11
2/7000	BASORTUB 11
2/7003	BASORTRAV 20
2/7004	BASORTRAV 20
2/7005	BASORTRAV 20

REF.	Family / Pg.
2/7006	BASORTRAV 20
2/7007	BASORCANAL 11
2/7008	BASORCANAL 11
2/7009	BASORCANAL 11
2/7010	BASORCANAL 11
2/7011	BASORFIX 12
2/7018	BASORTRAY 30,BASORFIL 14
2/7020	BASORFIX 7
2/7021	BASORFIX 23
2/7022	BASORFIX 23
2/7023	BASORFIX 23
2/7024	BASORTRAV 20
2/7025	BASORTRAV 20
2/7026	BASORTRAV 20
2/7027	BASORTRAV 20
2/7028	BASORTRAV 20
2/7029	BASORTRAV 20
2/7030	BASORTRAV 20
2/7031	BASORTRAV 20
2/7032	BASORTRAV 20
2/7033	BASORTRAV 20
2/7034	BASORTRAV 20
2/7035	BASORTRAV 20
2/7036	BASORTRAV 30
2/7037	BASORTRAV 30
2/7038	BASORTRAV 34
2/7039	BASORTRAV 34
2/7040	BASORCANAL 11
2/7041	BASORCANAL 11
2/7042	BASORCANAL 11
2/7043	BASORCANAL 11
2/7044	BASORCANAL 11
2/7045	BASORCANAL 12
2/7046	BASORCANAL 12
2/7047	BASORCANAL 12
2/7048	BASORCANAL 12
2/7049	BASORCANAL 12
2/7050	BASORCANAL 12
2/7051	BASORCANAL 12
2/7052	BASORSUPPORT 30
2/7053	BASORCANAL 12
2/7054	BASORTRAV 14, 53, 73
2/7058	BASORSUPPORT 29, BASORFIX 7
2/7059	BASORTRAY 9, 18
2/7060	BASORTRAY 9, 18
2/7061	BASORTRAY 9, 18
2/7062	BASORTRAY 9, 18
2/7063	BASORPLAST 22
2/7064	BASORPLAST 22
2/7065	BASORPLAST 22
2/7066	BASORPLAST 22
2/7067	BASORPLAST 22
2/7068	BASORPLAST 22
2/7069	BASORPLAST 22
2/7070	BASORSUPPORT 26
2/7071	BASORSUPPORT 26
2/7073	BASORFIX 20

REF.	Family / Pg.
2/7074	BASORSUPPORT 26
2/7077	BASORCANAL 12
2/7078	BASORCANAL 12
2/7082	BASORFIX 14
2/7103	BASORTRAY 20
2/7104	BASORTRAY 20
2/7105	BASORTRAY 20
2/7106	BASORTRAY 20
2/7107	BASORTRAY 20
2/7108	BASORTRAY 20
2/7109	BASORTRAY 20
2/7110	BASORTRAY 20
2/7111	BASORTRAY 22
2/7112	BASORTRAY 22
2/7113	BASORTRAY 22
2/7114	BASORTRAY 22
2/7115	BASORTRAY 22
2/7116	BASORTRAY 22
2/7117	BASORTRAY 22
2/7118	BASORTRAY 22
2/7119	BASORTRAY 24
2/7120	BASORTRAY 24
2/7121	BASORTRAY 24
2/7122	BASORTRAY 24
2/7123	BASORTRAY 24
2/7124	BASORTRAY 24
2/7125	BASORTRAY 24
2/7126	BASORTRAY 24
2/7127	BASORFIX 10
2/7132	BASORFIL 13
2/7133	BASORTRAV 77
2/7134	BASORPLAST 28
2/7135	BASORPLAST 28
2/7142	BASORSUPPORT 16, 22
2/7143	BASORSUPPORT 16, 22
2/7144	BASORSUPPORT 16, 22
2/7145	BASORPLAST 31
2/7146	BASORPLAST 31
2/7147	BASORPLAST 31
2/7148	BASORPLAST 31
2/7149	BASORPLAST 31
2/7150	BASORPLAST 31
2/7151	BASORPLAST 31
2/7152	BASORPLAST 31
2/7153	BASORPLAST 31
2/7154	BASORPLAST 31
2/7155	BASORPLAST 31
2/7156	BASORPLAST 31
2/7157	BASORPLAST 31
2/7158	BASORPLAST 31
2/7159	BASORPLAST 31
2/7160	BASORPLAST 31
2/7162	BASORPLAST 31
2/7163	BASORPLAST 31
2/7164	BASORPLAST 31
2/7165	BASORPLAST 31
2/7166	BASORPLAST 31
2/7167	BASORPLAST 31

REF.	Family / Pg.
2/7168	BASORPLAST 31
2/7169	BASORPLAST 31
2/7170	BASORPLAST 31
2/7171	BASORPLAST 31
2/7172	BASORPLAST 31
2/7173	BASORPLAST 31
2/7174	BASORPLAST 31
2/7175	BASORPLAST 31
2/7176	BASORPLAST 31
2/7177	BASORPLAST 31
2/7178	BASORPLAST 31
2/7179	BASORPLAST 31
2/7201	BASORPLAST 7
2/7203	BASORPLAST 29
2/7204	BASORTRAY 30
2/7205	BASORTRAY 30
2/7206	BASORTRAY 30
2/7207	BASORTRAY 30
2/7208	BASORTRAY 30
2/7209	BASORTRAY 30
2/7210	BASORTRAY 30
2/7211	BASORSUPPORT 12
2/7213	BASORCANAL 12
2/7214	BASORFIX 17
2/7215	BASORSUPPORT 12
2/7216	BASORCANAL 12
2/7217	BASORTUB 8
2/7218	BASORTUB 8
2/7219	BASORTUB 8
2/7220	BASORTUB 8
2/7221	BASORTUB 8
2/7222	BASORTUB 8
2/7223	BASORTUB 8
2/7224	BASORFIL 19
2/7225	BASORCANAL 12
2/7227	BASORFIX 17
2/7228	BASORPLAST 17, 29
2/7230	BASORSUPPORT 8
2/7231	BASORSUPPORT 8
2/7232	BASORSUPPORT 8
2/7233	BASORSUPPORT 8
2/7234	BASORSUPPORT 15
2/7235	BASORSUPPORT 15
2/7236	BASORSUPPORT 15
2/7237	BASORSUPPORT 15
2/7238	BASORSUPPORT 15
2/7239	BASORSUPPORT 8
2/7240	BASORSUPPORT 8
2/7241	BASORSUPPORT 8
2/7242	BASORSUPPORT 8
2/7243	BASORSUPPORT 15
2/7244	BASORSUPPORT 15
2/7245	BASORSUPPORT 15
2/7246	BASORSUPPORT 15
2/7247	BASORSUPPORT 15
2/7248	BASORFIL 5
2/7249	BASORFIL 5
2/7250	BASORFIL 5

REF.	Family / Pg.
2/7251	BASORFIL 5
2/7256	BASORFIL 17
2/7257	BASORPLAST 31
2/7258	BASORPLAST 31
2/7259	BASORPLAST 31
2/7260	BASORPLAST 31
2/7261	BASORPLAST 31
2/7262	BASORPLAST 31
2/7263	BASORPLAST 31
2/7264	BASORSUPPORT 13, 28
2/7265	BASORSUPPORT 13, 28
2/7266	BASORSUPPORT 13, 28
2/7267	BASORSUPPORT 13, 28
2/7268	BASORSUPPORT 13, 28
2/7269	BASORSUPPORT 27
2/7270	BASORSUPPORT 27
2/7271	BASORFIL 12
2/7272	BASORFIL 12
2/7273	BASORTRAY 15
2/7274	BASORTRAY 15
2/7275	BASORTRAY 15
2/7276	BASORTRAY 15
2/7277	BASORTRAY 15
2/7278	BASORTRAY 15
2/7279	BASORTRAY 15
2/7280	BASORSUPPORT 16
2/7281	BASORSUPPORT 27
2/7282	BASORFIX 18
2/7283	BASORFIX 18
2/7284	BASORFIX 18
2/7285	BASORFIX 18
2/7286	BASORFIX 18
2/7287	BASORFIX 18
2/7288	BASORFIX 18
2/7289	BASORFIX 18
2/7290	BASORFIX 18
2/7291	BASORFIX 18
2/7292	BASORFIX 18
2/7293	BASORFIX 18
2/7294	BASORFIX 18
2/7295	BASORFIX 18
2/7296	BASORFIX 18
2/7297	BASORSUPPORT 26
2/7300	BASORPLAST 31
2/7301	BASORPLAST 31
2/7302	BASORPLAST 31
2/7303	BASORPLAST 31
2/7304	BASORFIL 18
2/7305	BASORFIL 11
2/7306	BASORFIL 11
2/7307	BASORFIL 11
2/7308	BASORFIL 11
2/7309	BASORFIL 11
2/7310	BASORFIL 11
2/7311	BASORFIL 11
2/7312	BASORFIL 11
2/7313	BASORFIL 11
2/7314	BASORFIL 11

REF.	Family / Pg.
2/7315	BASORFIL 11
2/7316	BASORFIL 11
2/7319	BASORTRAY 49
2/7320	BASORTRAY 49
2/7321	BASORTRAY 49
2/7322	BASORTRAY 49
2/7323	BASORTRAY 49
2/7324	BASORTRAY 49
2/7325	BASORSUPPORT 10, 18
2/7326	BASORFIL 11
2/7327	BASORFIL 11
2/7328	BASORFIL 11
2/7329	BASORFIL 11
2/7330	BASORFIL 11
2/7331	BASORFIL 11
2/7332	BASORFIL 11
2/7333	BASORFIL 11
2/7334	BASORFIL 11
2/7335	BASORFIL 11
2/7336	BASORFIL 11
2/7337	BASORFIL 11
2/7338	BASORTUB 5
2/7339	BASORTUB 5
2/7340	BASORTUB 5
2/7341	BASORTUB 5
2/7342	BASORTUB 5
2/7343	BASORTUB 5
2/7344	BASORTUB 5
2/7345	BASORTUB 5
2/7346	BASORTUB 5
2/7347	BASORTUB 5
2/7348	BASORTUB 5
2/7349	BASORTUB 5
2/7350	BASORTUB 5
2/7351	BASORTUB 5
2/7352	BASORFIX 19
2/7353	BASORFIX 19
2/7354	BASORFIX 19
2/7355	BASORFIX 19
2/7356	BASORFIX 19
2/7357	BASORFIX 19
2/7358	BASORFIX 19
2/7359	BASORFIX 19
2/7360	BASORFIX 19
2/7361	BASORFIX 19
2/7362	BASORFIX 19
2/7363	BASORFIX 19
2/7364	BASORFIX 19
2/7365	BASORFIX 19
2/7366	BASORFIX 19
2/7367	BASORFIX 19
2/7368	BASORFIX 19
2/7369	BASORFIX 19
2/7370	BASORFIX 19
2/7371	BASORFIX 19
2/7379	BASORTUB 6
2/7380	BASORTUB 6
2/7381	BASORTUB 6

REF.	Family / Pg.
2/7382	BASORTUB 6
2/7383	BASORTUB 6
2/7384	BASORTUB 6
2/7385	BASORTUB 6
2/7388	BASORFIX 4
2/7389	BASORFIL 5
2/7390	BASORTRAY 19
2/7391	BASORTRAY 19
2/7392	BASORTRAY 21
2/7393	BASORTRAY 21
2/7394	BASORFIL 5
2/7395	BASORFIL 5
2/7396	BASORFIL 5
2/7397	BASORFIL 5
2/7398	BASORFIL 5
2/7399	BASORFIL 5
2/7400	BASORFIL 5
2/7401	BASORFIL 5
2/7402	BASORFIX 22
2/7403	BASORPLAST 28
2/7404	BASORPLAST 29
2/7408	BASORTRAY 15
2/7409	BASORTRAY 15
2/7410	BASORTRAY 15
2/7411	BASORTRAY 15
2/7412	BASORTRAY 15
2/7413	BASORTRAY 15
2/7414	BASORTRAY 15
2/7415	BASORFIL 7
2/7416	BASORFIL 7
2/7417	BASORFIL 7
2/7418	BASORFIL 7
2/7419	BASORFIL 8
2/7420	BASORFIL 8
2/7421	BASORFIL 8
2/7422	BASORFIL 8
2/7423	BASORFIL 8
2/7424	BASORFIL 8
2/7425	BASORFIL 8
2/7426	BASORFIL 8
2/7427	BASORFIL 8
2/7428	BASORFIL 8
2/7429	BASORFIL 8
2/7430	BASORFIL 8
2/7431	BASORFIL 8
2/7432	BASORTUB 10
2/7433	BASORTUB 10
2/7434	BASORTUB 10
2/7435	BASORTUB 10
2/7436	BASORFIX 16
2/7458	BASORTUB 7
2/7459	BASORTUB 7
2/7460	BASORTUB 7
2/7461	BASORTUB 7
2/7462	BASORTUB 7
2/7463	BASORTUB 7
2/7464	BASORTUB 7
2/7472	BASORTUB 6

REF.	Family / Pg.
2/7473	BASORTUB 6
2/7474	BASORTUB 6
2/7475	BASORTUB 6
2/7476	BASORTUB 6
2/7477	BASORTUB 6
2/7478	BASORTUB 6
2/7479	BASORTUB 6
2/7480	BASORTUB 6
2/7481	BASORTUB 6
2/7482	BASORTUB 6
2/7483	BASORTUB 6
2/7484	BASORTUB 6
2/7485	BASORTUB 6
2/7487	BASORSUPPORT 16
2/7488	BASORSUPPORT 16
2/7489	BASORSUPPORT 16
2/7490	BASORSUPPORT 8
2/7491	BASORSUPPORT 8
2/7492	BASORSUPPORT 8
2/7493	BASORSUPPORT 8
2/7494	BASORSUPPORT 15
2/7495	BASORSUPPORT 15
2/7496	BASORSUPPORT 15
2/7497	BASORSUPPORT 15
2/7498	BASORSUPPORT 15
2/7502	BASORFIL 5
2/7503	BASORFIL 5
2/7504	BASORFIL 5
2/7505	BASORFIL 5
2/7506	BASORFIL 5
2/7507	BASORFIL 5
2/7508	BASORFIL 5
2/7509	BASORFIL 5
2/7510	BASORFIL 5
2/7511	BASORFIL 5
2/7512	BASORFIL 5
2/7513	BASORFIL 5
2/7514	BASORTRAY 23
2/7515	BASORTRAY 23
2/7516	BASORFIL 5
2/7517	BASORTRAY 15
2/7518	BASORTRAY 15
2/7519	BASORTRAY 15
2/7520	BASORTRAY 15
2/7521	BASORTRAY 15
2/7522	BASORTRAY 15
2/7523	BASORTRAY 15
2/7524	BASORTRAY 15
2/7525	BASORTRAY 15
2/7526	BASORTRAY 15
2/7527	BASORTRAY 15
2/7528	BASORTRAY 15
2/7529	BASORTRAY 15
2/7530	BASORFIL 5
2/7531	BASORTUB 5
2/7532	BASORTUB 6
2/7914	BASORFIL 5
2/7915	BASORFIL 5

REF.	Family / Pg.
2/8168	BASORTRAY 28
2/8170	BASORTRAY 56
2/8189	BASORFIX 25
2/8190	BASORTUB 7
2/8191	BASORTUB 7
2/8192	BASORTUB 6
2/8193	BASORTUB 6
2/8194	BASORTUB 6
2/8195	BASORTUB 6
2/8198	BASORTUB 5
2/8199	BASORTUB 5
2/8200	BASORTUB 5
2/8201	BASORTUB 5
2/8202	BASORTUB 5
2/8203	BASORTUB 5
2/8204	BASORTUB 5
2/8205	BASORTUB 5
2/8206	BASORTUB 5
2/8207	BASORTUB 7
2/8208	BASORTUB 7
2/8209	BASORTUB 7
2/8210	BASORTUB 7
2/8211	BASORTUB 7
2/8212	BASORTUB 7
2/8213	BASORTUB 7
2/8214	BASORTUB 7
2/8215	BASORTUB 7
2/8216	BASORTUB 6
2/8217	BASORTUB 6
2/8218	BASORTUB 6
2/8219	BASORTUB 6
2/8220	BASORTUB 6
2/8221	BASORTUB 6
2/8222	BASORTUB 6
2/8223	BASORTUB 6
2/8224	BASORTUB 6
2/8225	BASORFIX 15
2/8226	BASORCANAL 12
2/8227	BASORCANAL 12
2/8229	BASORFIL 13
2/8230	BASORFIL 7
2/8231	BASORFIL 18
2/8232	BASORFIX 18
2/8233	BASORFIL 7
2/8234	BASORTRAY 5
2/8295	BASORTRAV 60
2/8296	BASORPLAST 7
2/8297	BASORPLAST 7
2/8298	BASORPLAST 7
2/8299	BASORPLAST 7
2/8300	BASORPLAST 7
2/8301	BASORPLAST 7
2/8302	BASORPLAST 7
2/8303	BASORPLAST 6
2/8304	BASORPLAST 6
2/8305	BASORPLAST 6
2/8306	BASORPLAST 6
2/8307	BASORPLAST 6

REF.	Family / Pg.
2/8308	BASORPLAST 6
2/8309	BASORPLAST 6
2/8310	BASORPLAST 6
2/8311	BASORPLAST 6
2/8312	BASORPLAST 6
2/8313	BASORPLAST 6
2/8314	BASORPLAST 6
2/8315	BASORPLAST 6
2/8316	BASORPLAST 6
2/8317	BASORPLAST 5
2/8318	BASORPLAST 5
2/8319	BASORPLAST 5
2/8320	BASORPLAST 5
2/8321	BASORPLAST 5
2/8322	BASORPLAST 5
2/8323	BASORPLAST 5
2/8324	BASORPLAST 5
2/8325	BASORTRAY 27
2/8326	BASORTRAY 27
2/8327	BASORTRAY 27
2/8328	BASORTRAY 27
2/8329	BASORTRAY 27
2/8330	BASORTRAY 27
2/8331	BASORTRAY 27
2/8332	BASORTRAY 27
2/8333	BASORTRAY 27
2/8334	BASORTRAY 27
2/8335	BASORTRAY 27
2/8336	BASORTRAY 27
2/8337	BASORTRAY 27
2/8338	BASORTRAY 27
2/8356	BASORTRAY 28
2/8357	BASORTRAY 28
2/8358	BASORTRAY 28
2/8359	BASORTRAY 28
2/8360	BASORTRAY 28
2/8361	BASORTRAY 28
2/8362	BASORTRAY 28
2/8363	BASORTRAY 28
2/8364	BASORTRAY 28
2/8365	BASORTRAY 28
2/8366	BASORTRAY 28
2/8367	BASORTRAY 28
2/8368	BASORTRAY 28
2/8369	BASORTRAY 28
2/8384	BASORTRAY 20
2/8385	BASORTRAY 20
2/8386	BASORTRAY 20
2/8387	BASORTRAY 20
2/8388	BASORTRAY 20
2/8389	BASORTRAY 20
2/8390	BASORTRAY 20
2/8391	BASORTRAY 20
2/8392	BASORTRAY 20
2/8393	BASORTRAY 20
2/8394	BASORTRAY 20
2/8395	BASORTRAY 20
2/8396	BASORTRAY 20

REF.	Family / Pg.
2/8397	BASORTRAY 20
2/8398	BASORTRAY 20
2/8399	BASORTRAY 20
2/8400	BASORTRAY 20
2/8401	BASORTRAY 20
2/8402	BASORTRAY 20
2/8403	BASORTRAY 20
2/8404	BASORTRAY 22
2/8405	BASORTRAY 22
2/8406	BASORTRAY 22
2/8407	BASORTRAY 22
2/8408	BASORTRAY 22
2/8409	BASORTRAY 22
2/8410	BASORTRAY 22
2/8411	BASORTRAY 22
2/8412	BASORTRAY 22
2/8413	BASORTRAY 22
2/8414	BASORTRAY 22
2/8415	BASORTRAY 22
2/8416	BASORTRAY 22
2/8417	BASORTRAY 22
2/8418	BASORTRAY 22
2/8419	BASORTRAY 22
2/8420	BASORTRAY 22
2/8421	BASORTRAY 22
2/8422	BASORTRAY 22
2/8423	BASORTRAY 22
2/8424	BASORTRAY 24
2/8425	BASORTRAY 24
2/8426	BASORTRAY 24
2/8427	BASORTRAY 24
2/8428	BASORTRAY 24
2/8429	BASORTRAY 24
2/8430	BASORTRAY 24
2/8431	BASORTRAY 24
2/8432	BASORTRAY 24
2/8433	BASORTRAY 24
2/8434	BASORTRAY 24
2/8435	BASORTRAY 24
2/8436	BASORTRAY 24
2/8437	BASORTRAY 24
2/8438	BASORTRAY 24
2/8439	BASORTRAY 24
2/8440	BASORTRAY 24
2/8441	BASORTRAY 24
2/8442	BASORTRAY 24
2/8443	BASORTRAY 24
2/8760	BASORTRAY 15
2/8761	BASORTRAY 15
2/8762	BASORTRAY 15
2/8763	BASORTRAY 15
2/8764	BASORTRAY 15
2/8765	BASORTRAY 15
2/8766	BASORTRAY 15
2/8767	BASORTRAY 27
2/8768	BASORTRAY 27
2/8769	BASORFIL 8
2/8770	BASORTRAY 15

REF.	Family / Pg.
2/8771	BASORTRAY 15
2/8772	BASORTRAY 15
2/8773	BASORTRAY 15
2/8774	BASORTRAY 15
2/8775	BASORTRAY 15
2/8776	BASORTRAY 15
2/8777	BASORFIL 17, BASORSUPPORT 21
2/8778	BASORSUPPORT 10
2/8779	BASORSUPPORT 10
2/8780	BASORSUPPORT 10
2/8781	BASORSUPPORT 10
2/8782	BASORSUPPORT 10
2/8783	BASORSUPPORT 10
2/8809	BASORFIX 21
2/8810	BASORFIX 21
2/8825	BASORTRAY 7
2/8826	BASORTRAY 7
2/8827	BASORTRAV 70
2/9478	BASORTUB 7,BASORFIX 13
2/9479	BASORTUB 7,BASORFIX 13
2/9480	BASORTUB 7,BASORFIX 13
2/9481	BASORTUB 7,BASORFIX 13
2/9482	BASORTUB 7,BASORFIX 13
2/9483	BASORTUB 7,BASORFIX 13
2/9484	BASORTUB 7,BASORFIX 13
2/9485	BASORTUB 7,BASORFIX 13
2/9559	BASORSUPPORT 11, 17, 23
2/9560	BASORSUPPORT 11, 17, 23
2/9561	BASORSUPPORT 11, 17, 23
2/9562	BASORSUPPORT 11, 17, 23
2/9563	BASORSUPPORT 11, 17, 23
2/9564	BASORSUPPORT 11, 17, 23
2/9565	BASORSUPPORT 11, 17, 23
2/9598	BASORTRAV 60
2/9599	BASORTRAV 60
2/9600	BASORTRAV 60
2/9601	BASORTRAV 60
2/9602	BASORTRAV 60
2/9603	BASORTRAV 60
2/9604	BASORTRAV 60
2/9605	BASORTRAV 60
2/9606	BASORTRAV 60
2/9607	BASORTRAV 60
2/9608	BASORTRAV 60
2/9609	BASORTRAV 60
2/9610	BASORTRAV 60
2/9611	BASORTRAV 60
2/9612	BASORTRAV 60
2/9613	BASORTRAV 60
2/9614	BASORTRAV 60
2/9615	BASORTRAV 60
2/9616	BASORTRAV 60
2/9617	BASORTRAV 60
2/9658	BASORFIL 18
2/9659	BASORFIL 18
2/9660	BASORFIL 18
2/9661	BASORFIL 18

REF.	Family / Pg.
2/9662	BASORFIL 18
2/9663	BASORFIL 18
2/9664	BASORFIL 18
2/9675	BASORFIL 15
2/9778	BASORTRAV 51
2/9779	BASORTRAV 51
2/9780	BASORTRAV 51
2/9781	BASORTRAV 51
2/9782	BASORTRAV 51
2/9783	BASORTRAV 51
2/9784	BASORTRAV 51
2/9785	BASORTRAV 54
2/9786	BASORTRAV 54
2/9787	BASORTRAV 53
2/9788	BASORTRAV 53
2/9789	BASORFIL 5, 11
2/9790	BASORFIL 5, 11
2/9791	BASORFIL 5, 11
2/9792	BASORFIL 5, 11
2/9793	BASORFIL 5, 11
2/9794	BASORFIL 5, 11
2/9795	BASORFIL 5, 11
2/9805	BASORFIX 17
2/9806	BASORFIX 17
2/9807	BASORFIL 17
2/9857	BASORFIL 15
2/9868	BASORFIL 13
2/9869	BASORFIL 13
2/9870	BASORFIL 12
2/9871	BASORFIL 12
2/9872	BASORFIL 14
2/9873	BASORPLAST 31
2/9874	BASORPLAST 31
2/9875	BASORPLAST 31
2/9876	BASORPLAST 31
2/9877	BASORPLAST 31
2/9878	BASORPLAST 31
2/9879	BASORPLAST 31
2/9882	FIBERTRAV 24
2/9886	BASORFIL 5, 11
2/9887	BASORFIL 5, 11
2/9888	BASORFIL 5, 11
2/9889	BASORFIL 5, 11
2/9890	BASORFIL 5, 11
2/9891	BASORFIL 5, 11
2/9892	BASORFIL 5, 11
2/9893	BASORTRAY 28
2/9894	BASORTRAY 28
2/9895	BASORTRAY 28
2/9896	BASORTRAY 28
2/9897	BASORTRAY 28
2/9898	BASORTRAY 28
2/9899	BASORTRAY 28
2/9900	BASORTRAY 28
2/9901	BASORTRAY 28
2/9903	BASORTRAY 58
2/9904	BASORTRAY 58
2/9905	BASORTRAY 58

REF.	Family / Pg.
2/9906	BASORTRAY 58
2/9907	BASORTRAY 58
2/9908	BASORTRAY 58
2/9909	BASORTRAY 58
2/9910	BASORTRAY 58
2/9911	BASORTRAY 58
2/9912	BASORTRAY 58
2/9913	BASORTRAY 58
2/9914	BASORTRAY 59
2/9915	BASORTRAY 59
2/9916	BASORTRAY 59
2/9917	BASORTRAY 59
2/9918	BASORTRAY 59
2/9919	BASORTRAY 59
2/9920	BASORTRAY 59
2/9921	BASORTRAY 59
2/9922	BASORTRAY 59
2/9923	BASORTRAY 59
2/9924	BASORTRAY 59
2/9925	BASORTRAY 59
2/9926	BASORTRAY 59
2/9927	BASORTRAY 59
2/9928	BASORTRAY 59
2/9929	BASORTRAY 59
2/9930	BASORTRAY 59
2/9931	BASORTRAY 59
2/9932	BASORTRAY 59
2/9933	BASORTRAY 59
2/9934	BASORTRAY 59
2/9935	BASORTRAY 59
2/9936	BASORTRAY 59
2/9937	BASORTRAY 59
2/9938	BASORTRAY 59
2/9939	BASORTRAY 59
2/9940	BASORTRAY 59
2/9941	BASORTRAY 59
2/9942	BASORTRAY 59
2/9943	BASORTRAY 59
2/9944	BASORTRAY 59
2/9945	BASORTRAY 59
2/9946	BASORTRAY 59
2/9947	BASORTRAY 60
2/9948	BASORTRAY 60
2/9949	BASORTRAY 60
2/9950	BASORTRAY 60
2/9951	BASORTRAY 60
2/9952	BASORTRAY 60
2/9953	BASORTRAY 60
2/9954	BASORTRAY 60
2/9955	BASORTRAY 60
2/9956	BASORTRAY 60
2/9957	BASORTRAY 60
2/9970	BASORTRAV 60
2/9971	BASORTRAV 60
2/9972	BASORTRAV 60
2/9973	BASORTRAV 60
2/9974	BASORTRAV 60
2/9975	BASORTRAV 60

REF.	Family / Pg.
2/9985	BASORCANAL 11
2/9986	BASORCANAL 11
2/9987	BASORCANAL 12
2/9988	BASORCANAL 12
2/9989	BASORFIL 5
2/9990	BASORFIL 5
2/10000	BASORTRAV 5, 51
2/10001	BASORTRAV 5, 51
2/10002	BASORTRAV 5, 51
2/10003	BASORTRAV 5, 51
2/10004	BASORTRAV 5, 51
2/10005	BASORTRAV 5, 51
2/10006	BASORTRAV 5, 51
2/10007	BASORFIL 14
2/10008	BASORTRAV 53
2/10009	BASORFIL 7
2/10011	BASORPLAST 17
2/10012	BASORPLAST 17
2/10013	BASORPLAST 17
2/10014	BASORPLAST 17
2/10015	BASORPLAST 17
2/10016	BASORPLAST 17
2/10017	BASORPLAST 15
2/10018	BASORFIX 22
2/10019	BASORFIX 18
2/10020	BASORPLAST 26
2/10021	BASORTRAV 16, 54
2/10022	BASORTRAV 16, 54
2/10023	BASORTRAV 16, 54
2/10024	BASORTRAV 16, 54
2/10025	BASORTRAV 16, 54
2/10026	BASORTRAV 16, 54
2/10027	BASORTRAV 16, 54
2/10031	BASORTRAY 18
2/10032	BASORTRAY 18
2/10033	BASORTRAY 15
2/10034	BASORTRAY 15
2/10035	BASORTRAY 15
2/10036	BASORTRAY 15
2/10037	BASORTRAY 15
2/10038	BASORTRAY 15
2/10039	BASORTRAY 15
2/10040	BASORTRAY 15
2/10049	BASORSUPPORT 12
2/10050	BASORPLAST 17
2/10051	BASORPLAST 17
2/10052	BASORPLAST 17
2/10053	BASORPLAST 17
2/10054	BASORPLAST 17
2/10055	BASORPLAST 17
2/10056	BASORPLAST 28
2/10057	BASORPLAST 28
2/10058	BASORPLAST 28
2/10059	BASORPLAST 28
2/10060	BASORPLAST 28
2/10061	BASORPLAST 28
2/10062	BASORPLAST 11
2/10063	BASORPLAST 11
2/10064	BASORPLAST 11
2/10065	BASORPLAST 11
2/10066	BASORPLAST 11
2/10067	BASORPLAST 11
2/10068	BASORPLAST 11
2/10069	BASORPLAST 11
2/10070	BASORPLAST 11
2/10071	BASORPLAST 11
2/10072	BASORPLAST 11
2/10073	BASORPLAST 11
2/10074	BASORPLAST 11
2/10075	BASORPLAST 11
2/10076	BASORPLAST 11
2/10077	BASORPLAST 11
2/10078	BASORPLAST 11
2/10079	BASORPLAST 11
2/10080	BASORPLAST 11
2/10081	BASORPLAST 11
2/10082	BASORPLAST 11
2/10083	BASORPLAST 11
2/10084	BASORPLAST 14
2/10085	BASORPLAST 14
2/10086	BASORTRAY 30
2/10087	BASORCANAL 19
2/10088	BASORSUPPORT 26
2/10089	BASORPLAST 12
2/10090	BASORPLAST 12
2/10091	BASORPLAST 12
2/10092	BASORPLAST 12
2/10093	BASORPLAST 12
2/10094	BASORPLAST 12
2/10095	BASORPLAST 12
2/10096	BASORPLAST 12
2/10097	BASORPLAST 12
2/10098	BASORPLAST 12
2/10099	BASORPLAST 12
2/10100	BASORPLAST 12
2/10101	BASORPLAST 12
2/10102	BASORPLAST 12
2/10103	BASORPLAST 12
2/10104	BASORPLAST 12
2/10105	BASORPLAST 12
2/10106	BASORPLAST 12
2/10107	BASORPLAST 12
2/10108	BASORPLAST 12
2/10109	BASORPLAST 12
2/10110	BASORPLAST 12
2/10111	BASORPLAST 13
2/10112	BASORPLAST 13
2/10113	BASORPLAST 13
2/10114	BASORPLAST 13
2/10115	BASORPLAST 13
2/10116	BASORPLAST 13
2/10117	BASORPLAST 13
2/10118	BASORPLAST 13
2/10119	BASORPLAST 13
2/10120	BASORPLAST 13
2/10121	BASORPLAST 13
2/10122	BASORPLAST 13
2/10123	BASORPLAST 13
2/10124	BASORPLAST 13
2/10125	BASORPLAST 13
2/10126	BASORPLAST 13
2/10127	BASORPLAST 13
2/10128	BASORPLAST 13
2/10129	BASORPLAST 13
2/10130	BASORPLAST 13
2/10131	BASORPLAST 13
2/10132	BASORPLAST 13
2/10133	BASORPLAST 13
2/10134	BASORPLAST 13
2/10135	BASORPLAST 14
2/10136	BASORPLAST 14
2/10137	BASORPLAST 14
2/10138	BASORPLAST 14
2/10139	BASORPLAST 14
2/10140	BASORPLAST 14
2/10141	BASORPLAST 14
2/10142	BASORPLAST 14
2/10143	BASORPLAST 14
2/10144	BASORPLAST 14
2/10145	BASORPLAST 14
2/10146	BASORCANAL 15
2/10147	BASORCANAL 15
2/10148	BASORCANAL 15
2/10149	BASORCANAL 15
2/10150	BASORCANAL 15
2/10151	BASORCANAL 15
2/10152	BASORCANAL 15
2/10153	BASORCANAL 15
2/10154	BASORCANAL 15
2/10155	BASORCANAL 15
2/10156	BASORCANAL 15
2/10157	BASORCANAL 15
2/10158	BASORCANAL 16
2/10159	BASORCANAL 16
2/10160	BASORCANAL 16
2/10161	BASORCANAL 16
2/10162	BASORCANAL 16
2/10164	BASORCANAL 16
2/10165	BASORCANAL 17
2/10166	BASORCANAL 17
2/10167	BASORCANAL 17
2/10168	BASORCANAL 17
2/10169	BASORCANAL 17
2/10170	BASORCANAL 17
2/10171	BASORCANAL 18
2/10172	BASORCANAL 18
2/10173	BASORCANAL 18
2/10174	BASORCANAL 18
2/10175	BASORCANAL 18
2/10176	BASORCANAL 18
2/10177	BASORCANAL 19
2/10179	BASORTRAV 108
2/10180	BASORCANAL 18
2/10181	BASORTRAY 5
2/10182	BASORTRAY 5
2/10183	BASORTRAY 5
2/10184	BASORTRAY 5
2/10185	BASORCANAL 15
2/10186	BASORCANAL 15
2/10187	BASORCANAL 15
2/10188	BASORCANAL 15
2/10189	BASORCANAL 15
2/10190	BASORCANAL 15
2/10191	BASORCANAL 15
2/10192	BASORCANAL 15
2/10193	BASORCANAL 15
2/10194	BASORCANAL 15
2/10195	BASORCANAL 15
2/10196	BASORCANAL 15
2/10197	BASORCANAL 16
2/10198	BASORCANAL 16
2/10199	BASORCANAL 16
2/10200	BASORCANAL 16
2/10201	BASORCANAL 16
2/10202	BASORCANAL 16
2/10203	BASORCANAL 16
2/10204	BASORCANAL 16
2/10205	BASORCANAL 16
2/10206	BASORCANAL 16
2/10207	BASORCANAL 16
2/10208	BASORCANAL 16
2/10209	BASORCANAL 16
2/10210	BASORCANAL 16
2/10211	BASORCANAL 16
2/10212	BASORCANAL 16
2/10213	BASORCANAL 16
2/10214	BASORCANAL 16
2/10215	BASORCANAL 17
2/10216	BASORCANAL 17
2/10217	BASORCANAL 17
2/10218	BASORCANAL 17
2/10219	BASORCANAL 17
2/10220	BASORCANAL 17
2/10221	BASORCANAL 17
2/10222	BASORCANAL 17
2/10223	BASORCANAL 17
2/10224	BASORCANAL 17
2/10225	BASORCANAL 17
2/10226	BASORCANAL 17
2/10227	BASORCANAL 17
2/10228	BASORCANAL 17
2/10229	BASORCANAL 17
2/10230	BASORCANAL 17
2/10231	BASORCANAL 17
2/10232	BASORCANAL 17
2/10233	BASORTRAY 9
2/10234	BASORTRAY 9
2/10235	BASORTRAY 9
2/10236	BASORTRAY 9
2/10237	BASORTRAY 9
2/10238	BASORTRAY 9
2/10239	BASORTRAY 9

REF.	Family / Pg.
2/10240	BASORCANAL 19
2/10241	BASORCANAL 19
2/10242	BASORCANAL 19
2/10243	BASORCANAL 19
2/10244	BASORCANAL 19
2/10245	BASORCANAL 19
2/10246	BASORFIX 19
2/10247	BASORFIX 19
2/10248	BASORFIX 19
2/10249	BASORFIX 19
2/10250	BASORFIX 19
2/10251	BASORFIX 19
2/10252	BASORFIX 19
2/10253	BASORFIL 19
2/10254	BASORFIL 19
2/10265	BASORCANAL 20
2/10266	BASORCANAL 20
2/10267	BASORTRAV 70
2/10270	BASORTRAV 63
2/10272	BASORTRAV 63
2/10273	BASORTRAV 63
2/10275	BASORTRAV 63
2/10277	BASORTRAV 63
2/10278	BASORTRAV 63
2/10282	BASORTRAY 5
2/10283	BASORTRAY 5
2/10284	BASORFIL 19
2/10285	BASORTRAV 59
2/10286	BASORTRAV 59
2/10287	BASORTRAV 59
2/10288	BASORTRAV 59
2/10289	BASORTRAV 59
2/10290	BASORTRAV 59
2/10291	BASORTRAV 59
2/10292	BASORCANAL 18
2/10293	BASORCANAL 18
2/10294	BASORCANAL 18
2/10295	BASORCANAL 18
2/10296	BASORCANAL 18
2/10297	BASORCANAL 18
2/10298	BASORCANAL 18
2/10299	BASORCANAL 18
2/10300	BASORCANAL 18
2/10301	BASORCANAL 18
2/10302	BASORCANAL 18
2/10303	BASORCANAL 18
2/10304	BASORTRAV 108
2/10305	BASORTRAV 89
2/10306	BASORTRAV 89
2/10307	BASORTRAV 89
2/10308	BASORTRAV 89
2/10309	BASORTRAV 89
2/10310	BASORTRAV 89
2/10311	BASORTRAV 89
2/10312	BASORTRAV 89
2/10313	BASORTRAV 89
2/10314	BASORTRAV 89
2/10315	BASORTRAV 89

REF.	Family / Pg.
2/10316	BASORTRAV 89
2/10317	BASORTRAV 89
2/10318	BASORTRAV 89
2/10319	BASORTRAV 89
2/10320	BASORTRAV 89
2/10321	BASORTRAV 89
2/10322	BASORTRAV 89
2/10323	BASORTRAV 89
2/10324	BASORTRAV 89
2/10325	BASORTRAV 89
2/10326	BASORTRAV 89
2/10327	BASORTRAV 89
2/10328	BASORTRAV 89
2/10329	BASORTRAV 89
2/10330	BASORTRAV 89
2/10331	BASORTRAV 89
2/10332	BASORTRAV 89
2/10333	BASORTRAV 89
2/10334	BASORTRAV 89
2/10335	BASORTRAV 89
2/10336	BASORTRAV 89
2/10337	BASORTRAV 89
2/10338	BASORTRAV 89
2/10339	BASORTRAV 89
2/10340	BASORTRAV 89
2/10341	BASORTRAV 89
2/10342	BASORTRAV 89
2/10343	BASORTRAV 89
2/10344	BASORTRAV 89
2/10345	BASORTRAV 89
2/10346	BASORTRAV 89
2/10347	BASORTRAV 89
2/10348	BASORTRAV 89
2/10349	BASORTRAV 89
2/10350	BASORTRAV 89
2/10351	BASORTRAV 89
2/10352	BASORTRAV 89
2/10353	BASORTRAV 89
2/10354	BASORTRAV 89
2/10355	BASORTRAV 89
2/10356	BASORTRAV 89
2/10357	BASORTRAV 89
2/10358	BASORTRAV 89
2/10359	BASORTRAV 89
2/10360	BASORTRAV 89
2/10361	BASORTRAV 89
2/10362	BASORTRAV 90
2/10363	BASORTRAV 90
2/10364	BASORTRAV 90
2/10365	BASORTRAV 90
2/10366	BASORTRAV 90
2/10367	BASORTRAV 90
2/10368	BASORTRAV 90
2/10369	BASORTRAV 90
2/10370	BASORTRAV 90
2/10371	BASORTRAV 90
2/10372	BASORTRAV 90
2/10373	BASORTRAV 90

REF.	Family / Pg.
2/10374	BASORTRAV 90
2/10375	BASORTRAV 90
2/10376	BASORTRAV 90
2/10377	BASORTRAV 90
2/10378	BASORTRAV 90
2/10379	BASORTRAV 90
2/10380	BASORTRAV 90
2/10381	BASORTRAV 90
2/10382	BASORTRAV 90
2/10383	BASORTRAV 90
2/10384	BASORTRAV 90
2/10385	BASORTRAV 90
2/10386	BASORTRAV 90
2/10387	BASORTRAV 90
2/10388	BASORTRAV 90
2/10389	BASORTRAV 90
2/10390	BASORTRAV 90
2/10391	BASORTRAV 90
2/10392	BASORTRAV 90
2/10393	BASORTRAV 90
2/10394	BASORTRAV 90
2/10395	BASORTRAV 90
2/10396	BASORTRAV 90
2/10397	BASORTRAV 90
2/10398	BASORTRAV 90
2/10399	BASORTRAV 90
2/10400	BASORTRAV 90
2/10401	BASORTRAV 90
2/10402	BASORTRAV 90
2/10403	BASORTRAV 90
2/10404	BASORTRAV 90
2/10405	BASORTRAV 90
2/10406	BASORTRAV 90
2/10407	BASORTRAV 90
2/10408	BASORTRAV 90
2/10409	BASORTRAV 90
2/10410	BASORTRAV 90
2/10411	BASORTRAV 90
2/10412	BASORTRAV 90
2/10413	BASORTRAV 90
2/10414	BASORTRAV 90
2/10415	BASORTRAV 90
2/10416	BASORTRAV 90
2/10417	BASORTRAV 90
2/10418	BASORTRAV 90
2/10419	BASORTRAV 91
2/10420	BASORTRAV 91
2/10421	BASORTRAV 91
2/10422	BASORTRAV 91
2/10423	BASORTRAV 91
2/10424	BASORTRAV 91
2/10425	BASORTRAV 91
2/10426	BASORTRAV 91
2/10427	BASORTRAV 91
2/10428	BASORTRAV 91
2/10429	BASORTRAV 91
2/10430	BASORTRAV 91
2/10431	BASORTRAV 91

REF.	Family / Pg.
2/10432	BASORTRAV 91
2/10433	BASORTRAV 91
2/10434	BASORTRAV 91
2/10435	BASORTRAV 91
2/10436	BASORTRAV 91
2/10437	BASORTRAV 91
2/10438	BASORTRAV 91
2/10439	BASORTRAV 91
2/10440	BASORTRAV 91
2/10441	BASORTRAV 91
2/10442	BASORTRAV 91
2/10443	BASORTRAV 91
2/10444	BASORTRAV 91
2/10445	BASORTRAV 91
2/10446	BASORTRAV 91
2/10447	BASORTRAV 91
2/10448	BASORTRAV 91
2/10449	BASORTRAV 91
2/10450	BASORTRAV 91
2/10451	BASORTRAV 91
2/10452	BASORTRAV 91
2/10453	BASORTRAV 91
2/10454	BASORTRAV 91
2/10455	BASORTRAV 91
2/10456	BASORTRAV 91
2/10457	BASORTRAV 91
2/10458	BASORTRAV 91
2/10459	BASORTRAV 91
2/10460	BASORTRAV 91
2/10461	BASORTRAV 91
2/10462	BASORTRAV 91
2/10463	BASORTRAV 91
2/10464	BASORTRAV 91
2/10465	BASORTRAV 91
2/10466	BASORTRAV 91
2/10467	BASORTRAV 91
2/10468	BASORTRAV 91
2/10469	BASORTRAV 91
2/10470	BASORTRAV 91
2/10471	BASORTRAV 91
2/10472	BASORTRAV 91
2/10473	BASORTRAV 91
2/10474	BASORTRAV 91
2/10475	BASORTRAV 91
2/10476	BASORTRAV 92
2/10477	BASORTRAV 92
2/10478	BASORTRAV 92
2/10479	BASORTRAV 92
2/10480	BASORTRAV 92
2/10481	BASORTRAV 92
2/10482	BASORTRAV 92
2/10483	BASORTRAV 92
2/10484	BASORTRAV 92
2/10485	BASORTRAV 92
2/10486	BASORTRAV 92
2/10487	BASORTRAV 92
2/10488	BASORTRAV 92
2/10489	BASORTRAV 92

REF.	Family / Pg.
2/10490	BASORTRAV 92
2/10491	BASORTRAV 92
2/10492	BASORTRAV 92
2/10493	BASORTRAV 92
2/10494	BASORTRAV 92
2/10495	BASORTRAV 92
2/10496	BASORTRAV 92
2/10497	BASORTRAV 92
2/10498	BASORTRAV 92
2/10499	BASORTRAV 92
2/10500	BASORTRAV 92
2/10501	BASORTRAV 92
2/10502	BASORTRAV 92
2/10503	BASORTRAV 92
2/10504	BASORTRAV 92
2/10505	BASORTRAV 92
2/10506	BASORTRAV 92
2/10507	BASORTRAV 92
2/10508	BASORTRAV 92
2/10509	BASORTRAV 92
2/10510	BASORTRAV 92
2/10511	BASORTRAV 92
2/10512	BASORTRAV 92
2/10513	BASORTRAV 92
2/10514	BASORTRAV 92
2/10515	BASORTRAV 92
2/10516	BASORTRAV 92
2/10517	BASORTRAV 92
2/10518	BASORTRAV 92
2/10519	BASORTRAV 92
2/10520	BASORTRAV 92
2/10521	BASORTRAV 92
2/10522	BASORTRAV 92
2/10523	BASORTRAV 92
2/10524	BASORTRAV 92
2/10525	BASORTRAV 92
2/10526	BASORTRAV 92
2/10527	BASORTRAV 92
2/10528	BASORTRAV 92
2/10529	BASORTRAV 92
2/10530	BASORTRAV 92
2/10531	BASORTRAV 92
2/10532	BASORTRAV 92
2/10533	BASORTRAV 92
2/10534	BASORTRAV 92
2/10535	BASORTRAV 92
2/10536	BASORTRAV 92
2/10537	BASORTRAV 92
2/10538	BASORTRAV 92
2/10539	BASORTRAV 95
2/10540	BASORTRAV 95
2/10541	BASORTRAV 95
2/10542	BASORTRAV 95
2/10543	BASORTRAV 95
2/10544	BASORTRAV 95
2/10545	BASORTRAV 95
2/10546	BASORTRAV 95
2/10547	BASORTRAV 95

REF.	Family / Pg.
2/10548	BASORTRAV 95
2/10549	BASORTRAV 95
2/10550	BASORTRAV 95
2/10551	BASORTRAV 95
2/10552	BASORTRAV 95
2/10553	BASORTRAV 95
2/10554	BASORTRAV 95
2/10555	BASORTRAV 95
2/10556	BASORTRAV 95
2/10557	BASORTRAV 95
2/10558	BASORTRAV 95
2/10559	BASORTRAV 95
2/10560	BASORTRAV 95
2/10561	BASORTRAV 95
2/10562	BASORTRAV 95
2/10563	BASORTRAV 95
2/10564	BASORTRAV 95
2/10565	BASORTRAV 95
2/10566	BASORTRAV 95
2/10567	BASORTRAV 95
2/10568	BASORTRAV 95
2/10569	BASORTRAV 95
2/10570	BASORTRAV 95
2/10571	BASORTRAV 95
2/10572	BASORTRAV 95
2/10573	BASORTRAV 95
2/10574	BASORTRAV 95
2/10575	BASORTRAV 95
2/10576	BASORTRAV 95
2/10577	BASORTRAV 95
2/10578	BASORTRAV 95
2/10579	BASORTRAV 95
2/10580	BASORTRAV 95
2/10581	BASORTRAV 95
2/10582	BASORTRAV 95
2/10583	BASORTRAV 95
2/10584	BASORTRAV 95
2/10585	BASORTRAV 95
2/10586	BASORTRAV 95
2/10587	BASORTRAV 95
2/10588	BASORTRAV 95
2/10589	BASORTRAV 95
2/10590	BASORTRAV 95
2/10591	BASORTRAV 95
2/10592	BASORTRAV 95
2/10593	BASORTRAV 98
2/10594	BASORTRAV 98
2/10595	BASORTRAV 98
2/10596	BASORTRAV 98
2/10597	BASORTRAV 98
2/10598	BASORTRAV 98
2/10599	BASORTRAV 98
2/10600	BASORTRAV 98
2/10601	BASORTRAV 98
2/10602	BASORTRAV 98
2/10603	BASORTRAV 98
2/10604	BASORTRAV 98
2/10605	BASORTRAV 98

REF.	Family / Pg.
2/10606	BASORTRAV 98
2/10607	BASORTRAV 98
2/10608	BASORTRAV 98
2/10609	BASORTRAV 98
2/10610	BASORTRAV 98
2/10611	BASORTRAV 98
2/10612	BASORTRAV 98
2/10613	BASORTRAV 98
2/10614	BASORTRAV 98
2/10615	BASORTRAV 98
2/10616	BASORTRAV 98
2/10617	BASORTRAV 98
2/10618	BASORTRAV 98
2/10619	BASORTRAV 98
2/10620	BASORTRAV 98
2/10621	BASORTRAV 98
2/10622	BASORTRAV 98
2/10623	BASORTRAV 98
2/10624	BASORTRAV 98
2/10625	BASORTRAV 98
2/10626	BASORTRAV 98
2/10627	BASORTRAV 98
2/10628	BASORTRAV 98
2/10629	BASORTRAV 98
2/10630	BASORTRAV 98
2/10631	BASORTRAV 98
2/10632	BASORTRAV 98
2/10633	BASORTRAV 98
2/10634	BASORTRAV 98
2/10635	BASORTRAV 98
2/10636	BASORTRAV 98
2/10637	BASORTRAV 98
2/10638	BASORTRAV 98
2/10639	BASORTRAV 98
2/10640	BASORTRAV 98
2/10641	BASORTRAV 98
2/10642	BASORTRAV 98
2/10643	BASORTRAV 98
2/10644	BASORTRAV 98
2/10645	BASORTRAV 98
2/10646	BASORTRAV 98
2/10647	BASORTRAV 93
2/10648	BASORTRAV 93
2/10649	BASORTRAV 93
2/10650	BASORTRAV 93
2/10651	BASORTRAV 93
2/10652	BASORTRAV 93
2/10653	BASORTRAV 93
2/10654	BASORTRAV 93
2/10655	BASORTRAV 93
2/10656	BASORTRAV 93
2/10657	BASORTRAV 93
2/10658	BASORTRAV 93
2/10659	BASORTRAV 93
2/10660	BASORTRAV 93
2/10661	BASORTRAV 93
2/10662	BASORTRAV 93
2/10663	BASORTRAV 93

REF.	Family / Pg.
2/10664	BASORTRAV 93
2/10665	BASORTRAV 93
2/10666	BASORTRAV 93
2/10667	BASORTRAV 93
2/10668	BASORTRAV 93
2/10669	BASORTRAV 93
2/10670	BASORTRAV 93
2/10671	BASORTRAV 93
2/10672	BASORTRAV 93
2/10673	BASORTRAV 93
2/10674	BASORTRAV 93
2/10675	BASORTRAV 93
2/10676	BASORTRAV 93
2/10677	BASORTRAV 93
2/10678	BASORTRAV 93
2/10679	BASORTRAV 93
2/10680	BASORTRAV 93
2/10681	BASORTRAV 93
2/10682	BASORTRAV 93
2/10683	BASORTRAV 93
2/10684	BASORTRAV 93
2/10685	BASORTRAV 93
2/10686	BASORTRAV 93
2/10687	BASORTRAV 93
2/10688	BASORTRAV 93
2/10689	BASORTRAV 93
2/10690	BASORTRAV 93
2/10691	BASORTRAV 93
2/10692	BASORTRAV 93
2/10693	BASORTRAV 93
2/10694	BASORTRAV 93
2/10695	BASORTRAV 93
2/10696	BASORTRAV 93
2/10697	BASORTRAV 93
2/10698	BASORTRAV 93
2/10699	BASORTRAV 93
2/10700	BASORTRAV 93
2/10701	BASORTRAV 93
2/10702	BASORTRAV 93
2/10703	BASORTRAV 93
2/10704	BASORTRAV 93
2/10705	BASORTRAV 93
2/10706	BASORTRAV 93
2/10707	BASORTRAV 93
2/10708	BASORTRAV 93
2/10709	BASORTRAV 93
2/10710	BASORTRAV 96
2/10711	BASORTRAV 96
2/10712	BASORTRAV 96
2/10713	BASORTRAV 96
2/10714	BASORTRAV 96
2/10715	BASORTRAV 96
2/10716	BASORTRAV 96
2/10717	BASORTRAV 96
2/10718	BASORTRAV 96
2/10719	BASORTRAV 96
2/10720	BASORTRAV 96
2/10721	BASORTRAV 96

REF.	Family / Pg.
2/10722	BASORTRAV 96
2/10723	BASORTRAV 96
2/10724	BASORTRAV 96
2/10725	BASORTRAV 96
2/10726	BASORTRAV 96
2/10727	BASORTRAV 96
2/10728	BASORTRAV 96
2/10729	BASORTRAV 96
2/10730	BASORTRAV 96
2/10731	BASORTRAV 96
2/10732	BASORTRAV 96
2/10733	BASORTRAV 96
2/10734	BASORTRAV 96
2/10735	BASORTRAV 96
2/10736	BASORTRAV 96
2/10737	BASORTRAV 96
2/10738	BASORTRAV 96
2/10739	BASORTRAV 96
2/10740	BASORTRAV 96
2/10741	BASORTRAV 96
2/10742	BASORTRAV 96
2/10743	BASORTRAV 96
2/10744	BASORTRAV 96
2/10745	BASORTRAV 96
2/10746	BASORTRAV 96
2/10747	BASORTRAV 96
2/10748	BASORTRAV 96
2/10749	BASORTRAV 96
2/10750	BASORTRAV 96
2/10751	BASORTRAV 96
2/10752	BASORTRAV 96
2/10753	BASORTRAV 96
2/10754	BASORTRAV 96
2/10755	BASORTRAV 96
2/10756	BASORTRAV 96
2/10757	BASORTRAV 96
2/10758	BASORTRAV 96
2/10759	BASORTRAV 96
2/10760	BASORTRAV 96
2/10761	BASORTRAV 96
2/10762	BASORTRAV 96
2/10763	BASORTRAV 96
2/10764	BASORTRAV 99
2/10765	BASORTRAV 99
2/10766	BASORTRAV 99
2/10767	BASORTRAV 99
2/10768	BASORTRAV 99
2/10769	BASORTRAV 99
2/10770	BASORTRAV 99
2/10771	BASORTRAV 99
2/10772	BASORTRAV 99
2/10773	BASORTRAV 99
2/10774	BASORTRAV 99
2/10775	BASORTRAV 99
2/10776	BASORTRAV 99
2/10777	BASORTRAV 99
2/10778	BASORTRAV 99
2/10779	BASORTRAV 99

REF.	Family / Pg.
2/10780	BASORTRAV 99
2/10781	BASORTRAV 99
2/10782	BASORTRAV 99
2/10783	BASORTRAV 99
2/10784	BASORTRAV 99
2/10785	BASORTRAV 99
2/10786	BASORTRAV 99
2/10787	BASORTRAV 99
2/10788	BASORTRAV 99
2/10789	BASORTRAV 99
2/10790	BASORTRAV 99
2/10791	BASORTRAV 99
2/10792	BASORTRAV 99
2/10793	BASORTRAV 99
2/10794	BASORTRAV 99
2/10795	BASORTRAV 99
2/10796	BASORTRAV 99
2/10797	BASORTRAV 99
2/10798	BASORTRAV 99
2/10799	BASORTRAV 99
2/10800	BASORTRAV 99
2/10801	BASORTRAV 99
2/10802	BASORTRAV 99
2/10803	BASORTRAV 99
2/10804	BASORTRAV 99
2/10805	BASORTRAV 99
2/10806	BASORTRAV 99
2/10807	BASORTRAV 99
2/10808	BASORTRAV 99
2/10809	BASORTRAV 99
2/10810	BASORTRAV 99
2/10811	BASORTRAV 99
2/10812	BASORTRAV 99
2/10813	BASORTRAV 99
2/10814	BASORTRAV 99
2/10815	BASORTRAV 99
2/10816	BASORTRAV 99
2/10817	BASORTRAV 99
2/10818	BASORTRAV 94
2/10819	BASORTRAV 94
2/10820	BASORTRAV 94
2/10821	BASORTRAV 94
2/10822	BASORTRAV 94
2/10823	BASORTRAV 94
2/10824	BASORTRAV 94
2/10825	BASORTRAV 94
2/10826	BASORTRAV 94
2/10827	BASORTRAV 94
2/10828	BASORTRAV 94
2/10829	BASORTRAV 94
2/10830	BASORTRAV 94
2/10831	BASORTRAV 94
2/10832	BASORTRAV 94
2/10833	BASORTRAV 94
2/10834	BASORTRAV 94
2/10835	BASORTRAV 94
2/10836	BASORTRAV 94
2/10837	BASORTRAV 94

REF.	Family / Pg.
2/10838	BASORTRAV 94
2/10839	BASORTRAV 94
2/10840	BASORTRAV 94
2/10841	BASORTRAV 94
2/10842	BASORTRAV 94
2/10843	BASORTRAV 94
2/10844	BASORTRAV 94
2/10845	BASORTRAV 94
2/10846	BASORTRAV 94
2/10847	BASORTRAV 94
2/10848	BASORTRAV 94
2/10849	BASORTRAV 94
2/10850	BASORTRAV 94
2/10851	BASORTRAV 94
2/10852	BASORTRAV 94
2/10853	BASORTRAV 94
2/10854	BASORTRAV 94
2/10855	BASORTRAV 94
2/10856	BASORTRAV 94
2/10857	BASORTRAV 94
2/10858	BASORTRAV 94
2/10859	BASORTRAV 94
2/10860	BASORTRAV 94
2/10861	BASORTRAV 94
2/10862	BASORTRAV 94
2/10863	BASORTRAV 94
2/10864	BASORTRAV 94
2/10865	BASORTRAV 94
2/10866	BASORTRAV 94
2/10867	BASORTRAV 94
2/10868	BASORTRAV 94
2/10869	BASORTRAV 94
2/10870	BASORTRAV 94
2/10871	BASORTRAV 94
2/10872	BASORTRAV 94
2/10873	BASORTRAV 94
2/10874	BASORTRAV 94
2/10875	BASORTRAV 94
2/10876	BASORTRAV 94
2/10877	BASORTRAV 94
2/10878	BASORTRAV 94
2/10879	BASORTRAV 94
2/10880	BASORTRAV 94
2/10881	BASORTRAV 97
2/10882	BASORTRAV 97
2/10883	BASORTRAV 97
2/10884	BASORTRAV 97
2/10885	BASORTRAV 97
2/10886	BASORTRAV 97
2/10887	BASORTRAV 97
2/10888	BASORTRAV 97
2/10889	BASORTRAV 97
2/10890	BASORTRAV 97
2/10891	BASORTRAV 97
2/10892	BASORTRAV 97
2/10893	BASORTRAV 97
2/10894	BASORTRAV 97
2/10895	BASORTRAV 97

REF.	Family / Pg.
2/10896	BASORTRAV 97
2/10897	BASORTRAV 97
2/10898	BASORTRAV 97
2/10899	BASORTRAV 97
2/10900	BASORTRAV 97
2/10901	BASORTRAV 97
2/10902	BASORTRAV 97
2/10903	BASORTRAV 97
2/10904	BASORTRAV 97
2/10905	BASORTRAV 97
2/10906	BASORTRAV 97
2/10907	BASORTRAV 97
2/10908	BASORTRAV 97
2/10909	BASORTRAV 97
2/10910	BASORTRAV 97
2/10911	BASORTRAV 97
2/10912	BASORTRAV 97
2/10913	BASORTRAV 97
2/10914	BASORTRAV 97
2/10915	BASORTRAV 97
2/10916	BASORTRAV 97
2/10917	BASORTRAV 97
2/10918	BASORTRAV 97
2/10919	BASORTRAV 97
2/10920	BASORTRAV 97
2/10921	BASORTRAV 97
2/10922	BASORTRAV 97
2/10923	BASORTRAV 97
2/10924	BASORTRAV 97
2/10925	BASORTRAV 97
2/10926	BASORTRAV 97
2/10927	BASORTRAV 97
2/10928	BASORTRAV 97
2/10929	BASORTRAV 97
2/10930	BASORTRAV 97
2/10931	BASORTRAV 97
2/10932	BASORTRAV 97
2/10933	BASORTRAV 97
2/10934	BASORTRAV 97
2/10935	BASORTRAV 100
2/10936	BASORTRAV 100
2/10937	BASORTRAV 100
2/10938	BASORTRAV 100
2/10939	BASORTRAV 100
2/10940	BASORTRAV 100
2/10941	BASORTRAV 100
2/10942	BASORTRAV 100
2/10943	BASORTRAV 100
2/10944	BASORTRAV 100
2/10945	BASORTRAV 100
2/10946	BASORTRAV 100
2/10947	BASORTRAV 100
2/10948	BASORTRAV 100
2/10949	BASORTRAV 100
2/10950	BASORTRAV 100
2/10951	BASORTRAV 100
2/10952	BASORTRAV 100
2/10953	BASORTRAV 100

REF.	Family / Pg.
2/10954	BASORTRAV 100
2/10955	BASORTRAV 100
2/10956	BASORTRAV 100
2/10957	BASORTRAV 100
2/10958	BASORTRAV 100
2/10959	BASORTRAV 100
2/10960	BASORTRAV 100
2/10961	BASORTRAV 100
2/10962	BASORTRAV 100
2/10963	BASORTRAV 100
2/10964	BASORTRAV 100
2/10965	BASORTRAV 100
2/10966	BASORTRAV 100
2/10967	BASORTRAV 100
2/10968	BASORTRAV 100
2/10969	BASORTRAV 100
2/10970	BASORTRAV 100
2/10971	BASORTRAV 100
2/10972	BASORTRAV 100
2/10973	BASORTRAV 100
2/10974	BASORTRAV 100
2/10975	BASORTRAV 100
2/10976	BASORTRAV 100
2/10977	BASORTRAV 100
2/10978	BASORTRAV 100
2/10979	BASORTRAV 100
2/10980	BASORTRAV 100
2/10981	BASORTRAV 100
2/10982	BASORTRAV 100
2/10983	BASORTRAV 100
2/10984	BASORTRAV 100
2/10985	BASORTRAV 100
2/10986	BASORTRAV 100
2/10987	BASORTRAV 100
2/10988	BASORTRAV 100
2/10989	BASORTRAV 101
2/10990	BASORTRAV 101
2/10991	BASORTRAV 101
2/10992	BASORTRAV 101
2/10993	BASORTRAV 101
2/10994	BASORTRAV 101
2/10995	BASORTRAV 101
2/10996	BASORTRAV 101
2/10997	BASORTRAV 101
2/10998	BASORTRAV 101
2/10999	BASORTRAV 101
2/11000	BASORTRAV 101
2/11001	BASORTRAV 101
2/11002	BASORTRAV 101
2/11003	BASORTRAV 101
2/11004	BASORTRAV 101
2/11005	BASORTRAV 101
2/11006	BASORTRAV 101
2/11007	BASORTRAV 101
2/11008	BASORTRAV 101
2/11009	BASORTRAV 101
2/11010	BASORTRAV 101
2/11011	BASORTRAV 101

REF.	Family / Pg.
2/11012	BASORTRAV 101
2/11013	BASORTRAV 101
2/11014	BASORTRAV 101
2/11015	BASORTRAV 101
2/11016	BASORTRAV 101
2/11017	BASORTRAV 101
2/11018	BASORTRAV 101
2/11019	BASORTRAV 101
2/11020	BASORTRAV 101
2/11021	BASORTRAV 101
2/11022	BASORTRAV 101
2/11023	BASORTRAV 101
2/11024	BASORTRAV 101
2/11025	BASORTRAV 101
2/11026	BASORTRAV 101
2/11027	BASORTRAV 101
2/11028	BASORTRAV 101
2/11029	BASORTRAV 101
2/11030	BASORTRAV 101
2/11031	BASORTRAV 101
2/11032	BASORTRAV 101
2/11033	BASORTRAV 101
2/11034	BASORTRAV 101
2/11035	BASORTRAV 101
2/11036	BASORTRAV 101
2/11037	BASORTRAV 101
2/11038	BASORTRAV 101
2/11039	BASORTRAV 101
2/11040	BASORTRAV 101
2/11041	BASORTRAV 101
2/11042	BASORTRAV 101
2/11043	BASORTRAV 101
2/11044	BASORTRAV 101
2/11045	BASORTRAV 101
2/11046	BASORTRAV 102
2/11047	BASORTRAV 102
2/11048	BASORTRAV 102
2/11049	BASORTRAV 102
2/11050	BASORTRAV 102
2/11051	BASORTRAV 102
2/11052	BASORTRAV 102
2/11053	BASORTRAV 102
2/11054	BASORTRAV 102
2/11055	BASORTRAV 102
2/11056	BASORTRAV 102
2/11057	BASORTRAV 102
2/11058	BASORTRAV 102
2/11059	BASORTRAV 102
2/11060	BASORTRAV 102
2/11061	BASORTRAV 102
2/11062	BASORTRAV 102
2/11063	BASORTRAV 102
2/11064	BASORTRAV 102
2/11065	BASORTRAV 102
2/11066	BASORTRAV 102
2/11067	BASORTRAV 102
2/11068	BASORTRAV 102
2/11069	BASORTRAV 102

REF.	Family / Pg.
2/11070	BASORTRAV 102
2/11071	BASORTRAV 102
2/11072	BASORTRAV 102
2/11073	BASORTRAV 102
2/11074	BASORTRAV 102
2/11075	BASORTRAV 102
2/11076	BASORTRAV 102
2/11077	BASORTRAV 102
2/11078	BASORTRAV 102
2/11079	BASORTRAV 102
2/11080	BASORTRAV 102
2/11081	BASORTRAV 102
2/11082	BASORTRAV 102
2/11083	BASORTRAV 102
2/11084	BASORTRAV 102
2/11085	BASORTRAV 102
2/11086	BASORTRAV 102
2/11087	BASORTRAV 102
2/11088	BASORTRAV 102
2/11089	BASORTRAV 102
2/11090	BASORTRAV 102
2/11091	BASORTRAV 102
2/11092	BASORTRAV 102
2/11093	BASORTRAV 102
2/11094	BASORTRAV 102
2/11095	BASORTRAV 102
2/11096	BASORTRAV 102
2/11097	BASORTRAV 102
2/11098	BASORTRAV 102
2/11099	BASORTRAV 102
2/11100	BASORTRAV 102
2/11101	BASORTRAV 102
2/11102	BASORTRAV 102
2/11103	BASORTRAV 103
2/11104	BASORTRAV 103
2/11105	BASORTRAV 103
2/11106	BASORTRAV 103
2/11107	BASORTRAV 103
2/11108	BASORTRAV 103
2/11109	BASORTRAV 103
2/11110	BASORTRAV 103
2/11111	BASORTRAV 103
2/11112	BASORTRAV 103
2/11113	BASORTRAV 103
2/11114	BASORTRAV 103
2/11115	BASORTRAV 103
2/11116	BASORTRAV 103
2/11117	BASORTRAV 103
2/11118	BASORTRAV 103
2/11119	BASORTRAV 103
2/11120	BASORTRAV 103
2/11121	BASORTRAV 103
2/11122	BASORTRAV 103
2/11123	BASORTRAV 103
2/11124	BASORTRAV 103
2/11125	BASORTRAV 103
2/11126	BASORTRAV 103
2/11127	BASORTRAV 103

REF.	Family / Pg.
2/11128	BASORTRAV 103
2/11129	BASORTRAV 103
2/11130	BASORTRAV 103
2/11131	BASORTRAV 103
2/11132	BASORTRAV 103
2/11133	BASORTRAV 103
2/11134	BASORTRAV 103
2/11135	BASORTRAV 103
2/11136	BASORTRAV 103
2/11137	BASORTRAV 103
2/11138	BASORTRAV 103
2/11139	BASORTRAV 103
2/11140	BASORTRAV 103
2/11141	BASORTRAV 103
2/11142	BASORTRAV 104
2/11143	BASORTRAV 104
2/11144	BASORTRAV 104
2/11145	BASORTRAV 104
2/11146	BASORTRAV 104
2/11147	BASORTRAV 104
2/11148	BASORTRAV 104
2/11149	BASORTRAV 104
2/11150	BASORTRAV 104
2/11151	BASORTRAV 104
2/11152	BASORTRAV 104
2/11153	BASORTRAV 104
2/11154	BASORTRAV 104
2/11155	BASORTRAV 104
2/11156	BASORTRAV 104
2/11157	BASORTRAV 104
2/11158	BASORTRAV 104
2/11159	BASORTRAV 104
2/11160	BASORTRAV 104
2/11161	BASORTRAV 104
2/11162	BASORTRAV 104
2/11163	BASORTRAV 104
2/11164	BASORTRAV 104
2/11165	BASORTRAV 104
2/11166	BASORTRAV 104
2/11167	BASORTRAV 104
2/11168	BASORTRAV 104
2/11169	BASORTRAV 104
2/11170	BASORTRAV 104
2/11171	BASORTRAV 104
2/11172	BASORTRAV 104
2/11173	BASORTRAV 104
2/11174	BASORTRAV 104
2/11175	BASORTRAV 104
2/11176	BASORTRAV 104
2/11177	BASORTRAV 104
2/11178	BASORTRAV 104
2/11179	BASORTRAV 104
2/11180	BASORTRAV 104
2/11181	BASORTRAV 105
2/11182	BASORTRAV 105
2/11183	BASORTRAV 105
2/11184	BASORTRAV 105
2/11185	BASORTRAV 105

REF.	Family / Pg.
2/11186	BASORTRAV 105
2/11187	BASORTRAV 105
2/11188	BASORTRAV 105
2/11189	BASORTRAV 105
2/11190	BASORTRAV 105
2/11191	BASORTRAV 105
2/11192	BASORTRAV 105
2/11193	BASORTRAV 105
2/11194	BASORTRAV 105
2/11195	BASORTRAV 105
2/11196	BASORTRAV 105
2/11197	BASORTRAV 105
2/11198	BASORTRAV 105
2/11199	BASORTRAV 105
2/11200	BASORTRAV 105
2/11201	BASORTRAV 105
2/11202	BASORTRAV 105
2/11203	BASORTRAV 105
2/11204	BASORTRAV 105
2/11205	BASORTRAV 105
2/11206	BASORTRAV 105
2/11207	BASORTRAV 105
2/11208	BASORTRAV 105
2/11209	BASORTRAV 105
2/11210	BASORTRAV 105
2/11211	BASORTRAV 105
2/11212	BASORTRAV 105
2/11213	BASORTRAV 105
2/11214	BASORTRAV 105
2/11215	BASORTRAV 105
2/11216	BASORTRAV 105
2/11217	BASORTRAV 105
2/11218	BASORTRAV 105
2/11219	BASORTRAV 105
2/11220	BASORTRAV 106
2/11221	BASORTRAV 106
2/11222	BASORTRAV 106
2/11223	BASORTRAV 106
2/11224	BASORTRAV 106
2/11225	BASORTRAV 106
2/11227	BASORTRAY 28,BASORFIL 19
2/11228	BASORTRAY 28,BASORFIL 19
2/11230	BASORFIX 21
2/11231	BASORFIX 21
2/11232	BASORTRAY 18
2/11236	BASORTRAV 106
2/11237	BASORTRAV 106
2/11238	BASORTRAV 106
2/11239	FIBERTRAV 5
2/11240	FIBERTRAV 5
2/11241	FIBERTRAV 5
2/11242	FIBERTRAV 5
2/11243	FIBERTRAV 5
2/11244	FIBERTRAV 5
2/11245	FIBERTRAV 5
2/11246	FIBERTRAV 5
2/11247	FIBERTRAV 5
2/11248	FIBERTRAV 5

REF.	Family / Pg.
2/11249	FIBERTRAV 5
2/11250	FIBERTRAV 5
2/11251	FIBERTRAV 5
2/11252	FIBERTRAV 5
2/11253	FIBERTRAV 5
2/11254	FIBERTRAV 5
2/11255	FIBERTRAV 5
2/11256	FIBERTRAV 5
2/11257	FIBERTRAV 5
2/11258	FIBERTRAV 5
2/11259	FIBERTRAV 5
2/11260	FIBERTRAV 5
2/11261	FIBERTRAV 5
2/11262	FIBERTRAV 5
2/11263	FIBERTRAV 5
2/11264	FIBERTRAV 5
2/11265	BASORTRAV 108
2/11266	BASORTRAV 108
2/11267	BASORTRAV 108
2/11268	BASORTRAV 108
2/11269	BASORTRAV 108
2/11270	BASORTRAV 108
2/11272	FIBERTRAV 6
2/11273	FIBERTRAV 6
2/11274	FIBERTRAV 6
2/11275	FIBERTRAV 6
2/11276	FIBERTRAV 6
2/11277	FIBERTRAV 6
2/11278	FIBERTRAV 6
2/11279	FIBERTRAV 5
2/11280	FIBERTRAV 5
2/11281	FIBERTRAV 5
2/11282	FIBERTRAV 5
2/11283	FIBERTRAV 5
2/11284	FIBERTRAV 5
2/11285	FIBERTRAV 5
2/11286	FIBERTRAV 5
2/11287	FIBERTRAV 5
2/11288	FIBERTRAV 5
2/11289	FIBERTRAV 5
2/11290	FIBERTRAV 5
2/11291	FIBERTRAV 5
2/11292	FIBERTRAV 5
2/11293	FIBERTRAV 5
2/11294	FIBERTRAV 5
2/11295	FIBERTRAV 5
2/11296	FIBERTRAV 5
2/11297	FIBERTRAV 5
2/11298	FIBERTRAV 5
2/11299	FIBERTRAV 5
2/11300	FIBERTRAV 5
2/11301	FIBERTRAV 5
2/11302	FIBERTRAV 5
2/11303	FIBERTRAV 5
2/11304	FIBERTRAV 5
2/11308	BASORFIL 17
2/11309	BASORTRAY 35
2/11310	BASORTRAY 35

REF.	Family / Pg.
2/11311	BASORTRAV 70
2/11312	FIBERTRAV 6
2/11313	FIBERTRAV 6
2/11314	FIBERTRAV 6
2/11315	FIBERTRAV 6
2/11316	FIBERTRAV 6
2/11317	FIBERTRAV 6
2/11318	FIBERTRAV 6
2/11319	FIBERTRAV 5
2/11320	FIBERTRAV 5
2/11321	FIBERTRAV 5
2/11322	FIBERTRAV 5
2/11323	FIBERTRAV 5
2/11324	FIBERTRAV 5
2/11325	FIBERTRAV 5
2/11326	FIBERTRAV 5
2/11327	FIBERTRAV 5
2/11328	FIBERTRAV 5
2/11329	FIBERTRAV 5
2/11330	FIBERTRAV 5
2/11331	FIBERTRAV 5
2/11332	FIBERTRAV 5
2/11333	FIBERTRAV 5
2/11334	FIBERTRAV 5
2/11335	FIBERTRAV 5
2/11336	FIBERTRAV 5
2/11337	FIBERTRAV 5
2/11338	FIBERTRAV 5
2/11339	FIBERTRAV 5
2/11340	FIBERTRAV 5
2/11341	FIBERTRAV 5
2/11342	FIBERTRAV 5
2/11343	FIBERTRAV 5
2/11344	FIBERTRAV 5
2/11349	BASORTRAY 36
2/11350	BASORTRAY 36
2/11352	FIBERTRAV 6
2/11353	FIBERTRAV 6
2/11354	FIBERTRAV 6
2/11355	FIBERTRAV 6
2/11356	FIBERTRAV 6
2/11357	FIBERTRAV 6
2/11358	FIBERTRAV 6
2/11359	FIBERTRAV 7
2/11360	FIBERTRAV 7
2/11361	FIBERTRAV 7
2/11362	FIBERTRAV 7
2/11363	FIBERTRAV 7
2/11364	FIBERTRAV 7
2/11365	FIBERTRAV 7
2/11366	FIBERTRAV 7
2/11367	FIBERTRAV 7
2/11368	FIBERTRAV 7
2/11369	FIBERTRAV 8
2/11370	FIBERTRAV 8
2/11371	FIBERTRAV 8
2/11372	FIBERTRAV 8
2/11373	FIBERTRAV 8

REF.	Family / Pg.
2/11374	FIBERTRAV 8
2/11375	FIBERTRAV 8
2/11376	FIBERTRAV 8
2/11377	FIBERTRAV 8
2/11378	FIBERTRAV 8
2/11379	FIBERTRAV 8
2/11380	FIBERTRAV 8
2/11381	FIBERTRAV 8
2/11382	FIBERTRAV 8
2/11383	FIBERTRAV 8
2/11384	FIBERTRAV 8
2/11385	FIBERTRAV 8
2/11386	FIBERTRAV 8
2/11387	FIBERTRAV 8
2/11388	FIBERTRAV 8
2/11389	FIBERTRAV 8
2/11390	FIBERTRAV 8
2/11391	FIBERTRAV 8
2/11392	FIBERTRAV 8
2/11393	FIBERTRAV 8
2/11394	FIBERTRAV 8
2/11395	FIBERTRAV 8
2/11396	FIBERTRAV 8
2/11397	FIBERTRAV 8
2/11398	FIBERTRAV 8
2/11399	FIBERTRAV 8
2/11400	FIBERTRAV 8
2/11401	FIBERTRAV 8
2/11402	FIBERTRAV 8
2/11403	FIBERTRAV 8
2/11404	FIBERTRAV 8
2/11405	FIBERTRAV 8
2/11406	FIBERTRAV 8
2/11407	FIBERTRAV 8
2/11408	FIBERTRAV 8
2/11409	FIBERTRAV 8
2/11410	FIBERTRAV 8
2/11411	FIBERTRAV 11
2/11412	FIBERTRAV 11
2/11413	FIBERTRAV 11
2/11414	FIBERTRAV 11
2/11415	FIBERTRAV 11
2/11416	FIBERTRAV 11
2/11417	FIBERTRAV 11
2/11418	FIBERTRAV 11
2/11419	FIBERTRAV 11
2/11420	FIBERTRAV 11
2/11421	FIBERTRAV 11
2/11422	FIBERTRAV 11
2/11423	FIBERTRAV 11
2/11424	FIBERTRAV 11
2/11425	FIBERTRAV 11
2/11426	FIBERTRAV 11
2/11427	FIBERTRAV 11
2/11428	FIBERTRAV 11
2/11429	FIBERTRAV 11
2/11430	FIBERTRAV 11
2/11431	FIBERTRAV 11

REF.	Family / Pg.
2/11432	FIBERTRAV 11
2/11433	FIBERTRAV 11
2/11434	FIBERTRAV 11
2/11435	FIBERTRAV 11
2/11436	FIBERTRAV 11
2/11437	FIBERTRAV 11
2/11438	FIBERTRAV 11
2/11439	FIBERTRAV 11
2/11440	FIBERTRAV 11
2/11441	FIBERTRAV 11
2/11442	FIBERTRAV 11
2/11443	FIBERTRAV 11
2/11444	FIBERTRAV 11
2/11445	FIBERTRAV 11
2/11446	FIBERTRAV 11
2/11447	FIBERTRAV 11
2/11448	FIBERTRAV 11
2/11449	FIBERTRAV 11
2/11450	FIBERTRAV 11
2/11451	FIBERTRAV 11
2/11452	FIBERTRAV 11
2/11453	FIBERTRAV 14
2/11454	FIBERTRAV 14
2/11455	FIBERTRAV 14
2/11456	FIBERTRAV 14
2/11457	FIBERTRAV 14
2/11458	FIBERTRAV 14
2/11459	FIBERTRAV 14
2/11460	FIBERTRAV 14
2/11461	FIBERTRAV 14
2/11462	FIBERTRAV 14
2/11463	FIBERTRAV 14
2/11464	FIBERTRAV 14
2/11465	FIBERTRAV 14
2/11466	FIBERTRAV 14
2/11467	FIBERTRAV 14
2/11468	FIBERTRAV 14
2/11469	FIBERTRAV 14
2/11470	FIBERTRAV 14
2/11471	FIBERTRAV 14
2/11472	FIBERTRAV 14
2/11473	FIBERTRAV 14
2/11474	FIBERTRAV 14
2/11475	FIBERTRAV 14
2/11476	FIBERTRAV 14
2/11477	FIBERTRAV 14
2/11478	FIBERTRAV 14
2/11479	FIBERTRAV 14
2/11480	FIBERTRAV 14
2/11481	FIBERTRAV 14
2/11482	FIBERTRAV 14
2/11483	FIBERTRAV 14
2/11484	FIBERTRAV 14
2/11485	FIBERTRAV 14
2/11486	FIBERTRAV 14
2/11487	FIBERTRAV 14
2/11488	FIBERTRAV 14
2/11489	FIBERTRAV 14

REF.	Family / Pg.
2/11490	FIBERTRAV 14
2/11491	FIBERTRAV 14
2/11492	FIBERTRAV 14
2/11493	FIBERTRAV 14
2/11494	FIBERTRAV 14
2/11495	FIBERTRAV 7
2/11496	FIBERTRAV 7
2/11497	FIBERTRAV 7
2/11498	FIBERTRAV 7
2/11499	FIBERTRAV 7
2/11500	FIBERTRAV 7
2/11501	FIBERTRAV 7
2/11502	FIBERTRAV 7
2/11503	FIBERTRAV 7
2/11504	FIBERTRAV 7
2/11505	FIBERTRAV 9
2/11506	FIBERTRAV 9
2/11507	FIBERTRAV 9
2/11508	FIBERTRAV 9
2/11509	FIBERTRAV 9
2/11510	FIBERTRAV 9
2/11511	FIBERTRAV 9
2/11512	FIBERTRAV 9
2/11513	FIBERTRAV 9
2/11514	FIBERTRAV 9
2/11515	FIBERTRAV 9
2/11516	FIBERTRAV 9
2/11517	FIBERTRAV 9
2/11518	FIBERTRAV 9
2/11519	FIBERTRAV 9
2/11520	FIBERTRAV 9
2/11521	FIBERTRAV 9
2/11522	FIBERTRAV 9
2/11523	FIBERTRAV 9
2/11524	FIBERTRAV 9
2/11525	FIBERTRAV 9
2/11526	FIBERTRAV 9
2/11527	FIBERTRAV 9
2/11528	FIBERTRAV 9
2/11529	FIBERTRAV 9
2/11530	FIBERTRAV 9
2/11531	FIBERTRAV 9
2/11532	FIBERTRAV 9
2/11533	FIBERTRAV 9
2/11534	FIBERTRAV 9
2/11535	FIBERTRAV 9
2/11536	FIBERTRAV 9
2/11537	FIBERTRAV 9
2/11538	FIBERTRAV 9
2/11539	FIBERTRAV 9
2/11540	FIBERTRAV 9
2/11541	FIBERTRAV 9
2/11542	FIBERTRAV 9
2/11543	FIBERTRAV 9
2/11544	FIBERTRAV 9
2/11545	FIBERTRAV 9
2/11546	FIBERTRAV 9
2/11547	FIBERTRAV 12

REF.	Family / Pg.
2/11548	FIBERTRAV 12
2/11549	FIBERTRAV 12
2/11550	FIBERTRAV 12
2/11551	FIBERTRAV 12
2/11552	FIBERTRAV 12
2/11553	FIBERTRAV 12
2/11554	FIBERTRAV 12
2/11555	FIBERTRAV 12
2/11556	FIBERTRAV 12
2/11557	FIBERTRAV 12
2/11558	FIBERTRAV 12
2/11559	FIBERTRAV 12
2/11560	FIBERTRAV 12
2/11561	FIBERTRAV 12
2/11562	FIBERTRAV 12
2/11563	FIBERTRAV 12
2/11564	FIBERTRAV 12
2/11565	FIBERTRAV 12
2/11566	FIBERTRAV 12
2/11567	FIBERTRAV 12
2/11568	FIBERTRAV 12
2/11569	FIBERTRAV 12
2/11570	FIBERTRAV 12
2/11571	FIBERTRAV 12
2/11572	FIBERTRAV 12
2/11573	FIBERTRAV 12
2/11574	FIBERTRAV 12
2/11575	FIBERTRAV 12
2/11576	FIBERTRAV 12
2/11577	FIBERTRAV 12
2/11578	FIBERTRAV 12
2/11579	FIBERTRAV 12
2/11580	FIBERTRAV 12
2/11581	FIBERTRAV 12
2/11582	FIBERTRAV 12
2/11583	FIBERTRAV 12
2/11584	FIBERTRAV 12
2/11585	FIBERTRAV 12
2/11586	FIBERTRAV 12
2/11587	FIBERTRAV 12
2/11588	FIBERTRAV 12
2/11589	FIBERTRAV 15
2/11590	FIBERTRAV 15
2/11591	FIBERTRAV 15
2/11592	FIBERTRAV 15
2/11593	FIBERTRAV 15
2/11594	FIBERTRAV 15
2/11595	FIBERTRAV 15
2/11596	FIBERTRAV 15
2/11597	FIBERTRAV 15
2/11598	FIBERTRAV 15
2/11599	FIBERTRAV 15
2/11600	FIBERTRAV 15
2/11601	FIBERTRAV 15
2/11602	FIBERTRAV 15
2/11603	FIBERTRAV 15
2/11604	FIBERTRAV 15
2/11605	FIBERTRAV 15

REF.	Family / Pg.
2/11606	FIBERTRAV 15
2/11607	FIBERTRAV 15
2/11608	FIBERTRAV 15
2/11609	FIBERTRAV 15
2/11610	FIBERTRAV 15
2/11611	FIBERTRAV 15
2/11612	FIBERTRAV 15
2/11613	FIBERTRAV 15
2/11614	FIBERTRAV 15
2/11615	FIBERTRAV 15
2/11616	FIBERTRAV 15
2/11617	FIBERTRAV 15
2/11618	FIBERTRAV 15
2/11619	FIBERTRAV 15
2/11620	FIBERTRAV 15
2/11621	FIBERTRAV 15
2/11622	FIBERTRAV 15
2/11623	FIBERTRAV 15
2/11624	FIBERTRAV 15
2/11625	FIBERTRAV 15
2/11626	FIBERTRAV 15
2/11627	FIBERTRAV 15
2/11628	FIBERTRAV 15
2/11629	FIBERTRAV 15
2/11630	FIBERTRAV 15
2/11631	FIBERTRAV 7
2/11632	FIBERTRAV 7
2/11633	FIBERTRAV 7
2/11634	FIBERTRAV 7
2/11635	FIBERTRAV 7
2/11636	FIBERTRAV 7
2/11637	FIBERTRAV 7
2/11638	FIBERTRAV 7
2/11639	FIBERTRAV 7
2/11640	FIBERTRAV 7
2/11641	FIBERTRAV 10
2/11642	FIBERTRAV 10
2/11643	FIBERTRAV 10
2/11644	FIBERTRAV 10
2/11645	FIBERTRAV 10
2/11646	FIBERTRAV 10
2/11647	FIBERTRAV 10
2/11648	FIBERTRAV 10
2/11649	FIBERTRAV 10
2/11650	FIBERTRAV 10
2/11651	FIBERTRAV 10
2/11652	FIBERTRAV 10
2/11653	FIBERTRAV 10
2/11654	FIBERTRAV 10
2/11655	FIBERTRAV 10
2/11656	FIBERTRAV 10
2/11657	FIBERTRAV 10
2/11658	FIBERTRAV 10
2/11659	FIBERTRAV 10
2/11660	FIBERTRAV 10
2/11661	FIBERTRAV 10
2/11662	FIBERTRAV 10
2/11663	FIBERTRAV 10

REF.	Family / Pg.
2/11664	FIBERTRAV 10
2/11665	FIBERTRAV 10
2/11666	FIBERTRAV 10
2/11667	FIBERTRAV 10
2/11668	FIBERTRAV 10
2/11669	FIBERTRAV 10
2/11670	FIBERTRAV 10
2/11671	FIBERTRAV 10
2/11672	FIBERTRAV 10
2/11673	FIBERTRAV 10
2/11674	FIBERTRAV 10
2/11675	FIBERTRAV 10
2/11676	FIBERTRAV 10
2/11677	FIBERTRAV 10
2/11678	FIBERTRAV 10
2/11679	FIBERTRAV 10
2/11680	FIBERTRAV 10
2/11681	FIBERTRAV 10
2/11682	FIBERTRAV 10
2/11683	FIBERTRAV 13
2/11684	FIBERTRAV 13
2/11685	FIBERTRAV 13
2/11686	FIBERTRAV 13
2/11687	FIBERTRAV 13
2/11688	FIBERTRAV 13
2/11689	FIBERTRAV 13
2/11690	FIBERTRAV 13
2/11691	FIBERTRAV 13
2/11692	FIBERTRAV 13
2/11693	FIBERTRAV 13
2/11694	FIBERTRAV 13
2/11695	FIBERTRAV 13
2/11696	FIBERTRAV 13
2/11697	FIBERTRAV 13
2/11698	FIBERTRAV 13
2/11699	FIBERTRAV 13
2/11700	FIBERTRAV 13
2/11701	FIBERTRAV 13
2/11702	FIBERTRAV 13
2/11703	FIBERTRAV 13
2/11704	FIBERTRAV 13
2/11705	FIBERTRAV 13
2/11706	FIBERTRAV 13
2/11707	FIBERTRAV 13
2/11708	FIBERTRAV 13
2/11709	FIBERTRAV 13
2/11710	FIBERTRAV 13
2/11711	FIBERTRAV 13
2/11712	FIBERTRAV 13
2/11713	FIBERTRAV 13
2/11714	FIBERTRAV 13
2/11715	FIBERTRAV 13
2/11716	FIBERTRAV 13
2/11717	FIBERTRAV 13
2/11718	FIBERTRAV 13
2/11719	FIBERTRAV 13
2/11720	FIBERTRAV 13
2/11721	FIBERTRAV 13

REF.	Family / Pg.
2/11722	FIBERTRAV 13
2/11723	FIBERTRAV 13
2/11724	FIBERTRAV 13
2/11725	FIBERTRAV 16
2/11726	FIBERTRAV 16
2/11727	FIBERTRAV 16
2/11728	FIBERTRAV 16
2/11729	FIBERTRAV 16
2/11730	FIBERTRAV 16
2/11731	FIBERTRAV 16
2/11732	FIBERTRAV 16
2/11733	FIBERTRAV 16
2/11734	FIBERTRAV 16
2/11735	FIBERTRAV 16
2/11736	FIBERTRAV 16
2/11737	FIBERTRAV 16
2/11738	FIBERTRAV 16
2/11739	FIBERTRAV 16
2/11740	FIBERTRAV 16
2/11741	FIBERTRAV 16
2/11742	FIBERTRAV 16
2/11743	FIBERTRAV 16
2/11744	FIBERTRAV 16
2/11745	FIBERTRAV 16
2/11746	FIBERTRAV 16
2/11747	FIBERTRAV 16
2/11748	FIBERTRAV 16
2/11749	FIBERTRAV 16
2/11750	FIBERTRAV 16
2/11751	FIBERTRAV 16
2/11752	FIBERTRAV 16
2/11753	FIBERTRAV 16
2/11754	FIBERTRAV 16
2/11755	FIBERTRAV 16
2/11756	FIBERTRAV 16
2/11757	FIBERTRAV 16
2/11758	FIBERTRAV 16
2/11759	FIBERTRAV 16
2/11760	FIBERTRAV 16
2/11761	FIBERTRAV 16
2/11762	FIBERTRAV 16
2/11763	FIBERTRAV 16
2/11764	FIBERTRAV 16
2/11765	FIBERTRAV 16
2/11766	FIBERTRAV 16
2/11767	FIBERTRAV 17
2/11768	FIBERTRAV 17
2/11769	FIBERTRAV 17
2/11770	FIBERTRAV 17
2/11771	FIBERTRAV 17
2/11772	FIBERTRAV 17
2/11773	FIBERTRAV 17
2/11774	FIBERTRAV 17
2/11775	FIBERTRAV 17
2/11776	FIBERTRAV 17
2/11777	FIBERTRAV 17
2/11778	FIBERTRAV 17
2/11779	FIBERTRAV 17

REF.	Family / Pg.
2/11780	FIBERTRAV 17
2/11781	FIBERTRAV 17
2/11782	FIBERTRAV 17
2/11783	FIBERTRAV 17
2/11784	FIBERTRAV 17
2/11785	FIBERTRAV 17
2/11786	FIBERTRAV 17
2/11787	FIBERTRAV 17
2/11788	FIBERTRAV 17
2/11789	FIBERTRAV 17
2/11790	FIBERTRAV 17
2/11791	FIBERTRAV 17
2/11792	FIBERTRAV 17
2/11793	FIBERTRAV 19
2/11794	FIBERTRAV 19
2/11795	FIBERTRAV 19
2/11796	FIBERTRAV 19
2/11797	FIBERTRAV 19
2/11798	FIBERTRAV 19
2/11799	FIBERTRAV 19
2/11800	FIBERTRAV 19
2/11801	FIBERTRAV 19
2/11802	FIBERTRAV 19
2/11805	BASORTRAV 16, 56, 106
2/11806	FIBERTRAV 19
2/11807	FIBERTRAV 19
2/11808	FIBERTRAV 19
2/11809	FIBERTRAV 19
2/11810	FIBERTRAV 19
2/11811	FIBERTRAV 19
2/11812	FIBERTRAV 19
2/11813	FIBERTRAV 19
2/11814	FIBERTRAV 19
2/11815	FIBERTRAV 19
2/11816	FIBERTRAV 19
2/11817	FIBERTRAV 19
2/11818	FIBERTRAV 19
2/11819	FIBERTRAV 19
2/11820	FIBERTRAV 19
2/11821	FIBERTRAV 19
2/11822	FIBERTRAV 19
2/11823	FIBERTRAV 19
2/11824	FIBERTRAV 19
2/11825	FIBERTRAV 19
2/11826	FIBERTRAV 19
2/11827	FIBERTRAV 19
2/11828	FIBERTRAV 19
2/11829	FIBERTRAV 19
2/11830	FIBERTRAV 19
2/11831	FIBERTRAV 19
2/11832	FIBERTRAV 19
2/11833	FIBERTRAV 19
2/11834	FIBERTRAV 19
2/11835	FIBERTRAV 19
2/11836	FIBERTRAV 19
2/11837	FIBERTRAV 19
2/11838	FIBERTRAV 18
2/11839	FIBERTRAV 18

REF.	Family / Pg.
2/11840	FIBERTRAV 18
2/11841	FIBERTRAV 18
2/11842	FIBERTRAV 18
2/11843	FIBERTRAV 18
2/11844	FIBERTRAV 18
2/11845	FIBERTRAV 18
2/11846	FIBERTRAV 18
2/11847	FIBERTRAV 18
2/11848	FIBERTRAV 18
2/11849	FIBERTRAV 18
2/11850	FIBERTRAV 18
2/11851	FIBERTRAV 18
2/11852	FIBERTRAV 18
2/11853	FIBERTRAV 18
2/11854	FIBERTRAV 18
2/11855	FIBERTRAV 18
2/11856	FIBERTRAV 18
2/11857	FIBERTRAV 18
2/11858	FIBERTRAV 18
2/11859	FIBERTRAV 18
2/11860	FIBERTRAV 18
2/11861	FIBERTRAV 18
2/11862	FIBERTRAV 18
2/11863	FIBERTRAV 18
2/11864	FIBERTRAV 20
2/11865	FIBERTRAV 20
2/11866	FIBERTRAV 20
2/11867	FIBERTRAV 20
2/11868	FIBERTRAV 20
2/11869	FIBERTRAV 20
2/11870	FIBERTRAV 20
2/11871	FIBERTRAV 20
2/11872	FIBERTRAV 20
2/11873	FIBERTRAV 20
2/11874	FIBERTRAV 20
2/11875	FIBERTRAV 20
2/11876	FIBERTRAV 20
2/11877	FIBERTRAV 20
2/11878	FIBERTRAV 20
2/11879	FIBERTRAV 20
2/11880	FIBERTRAV 20
2/11881	FIBERTRAV 20
2/11882	FIBERTRAV 20
2/11883	FIBERTRAV 20
2/11884	FIBERTRAV 20
2/11885	FIBERTRAV 20
2/11886	FIBERTRAV 20
2/11887	FIBERTRAV 20
2/11888	FIBERTRAV 20
2/11889	FIBERTRAV 20
2/11890	FIBERTRAV 20
2/11891	FIBERTRAV 20
2/11892	FIBERTRAV 20
2/11893	FIBERTRAV 20
2/11894	FIBERTRAV 20
2/11895	FIBERTRAV 20
2/11896	FIBERTRAV 20
2/11897	FIBERTRAV 20

REF.	Family / Pg.
2/11898	FIBERTRAV 20
2/11899	FIBERTRAV 20
2/11900	FIBERTRAV 20
2/11901	FIBERTRAV 20
2/11902	FIBERTRAV 20
2/11903	FIBERTRAV 20
2/11904	FIBERTRAV 20
2/11905	FIBERTRAV 20
2/11906	FIBERTRAV 21
2/11907	FIBERTRAV 21
2/11908	FIBERTRAV 21
2/11909	FIBERTRAV 21
2/11910	FIBERTRAV 21
2/11911	FIBERTRAV 21
2/11912	FIBERTRAV 21
2/11913	FIBERTRAV 21
2/11914	FIBERTRAV 21
2/11915	FIBERTRAV 21
2/11916	FIBERTRAV 21
2/11917	FIBERTRAV 21
2/11918	FIBERTRAV 21
2/11919	FIBERTRAV 21
2/11920	FIBERTRAV 21
2/11921	FIBERTRAV 21
2/11922	FIBERTRAV 21
2/11923	FIBERTRAV 21
2/11924	FIBERTRAV 21
2/11925	FIBERTRAV 21
2/11926	FIBERTRAV 21
2/11927	FIBERTRAV 21
2/11928	FIBERTRAV 21
2/11929	FIBERTRAV 21
2/11930	FIBERTRAV 21
2/11931	FIBERTRAV 21
2/11932	FIBERTRAV 21
2/11933	FIBERTRAV 21
2/11934	FIBERTRAV 21
2/11935	FIBERTRAV 21
2/11936	FIBERTRAV 21
2/11937	FIBERTRAV 21
2/11938	FIBERTRAV 21
2/11939	FIBERTRAV 21
2/11940	FIBERTRAV 21
2/11941	FIBERTRAV 21
2/11942	FIBERTRAV 21
2/11943	FIBERTRAV 21
2/11944	FIBERTRAV 21
2/11945	FIBERTRAV 21
2/11946	FIBERTRAV 21
2/11947	FIBERTRAV 21
2/11948	FIBERTRAV 21
2/11949	FIBERTRAV 21
2/11950	FIBERTRAV 21
2/11951	FIBERTRAV 21
2/11952	FIBERTRAV 21
2/11953	FIBERTRAV 21
2/11954	FIBERTRAV 21
2/11955	FIBERTRAV 21

REF.	Family / Pg.
2/11956	FIBERTRAV 21
2/11957	FIBERTRAV 21
2/11958	FIBERTRAV 21
2/11959	FIBERTRAV 21
2/11960	FIBERTRAV 22
2/11961	FIBERTRAV 22
2/11962	FIBERTRAV 22
2/11963	FIBERTRAV 22
2/11964	FIBERTRAV 22
2/11965	FIBERTRAV 22
2/11966	FIBERTRAV 22
2/11967	FIBERTRAV 22
2/11968	FIBERTRAV 22
2/11969	FIBERTRAV 22
2/11970	FIBERTRAV 22
2/11971	FIBERTRAV 22
2/11972	FIBERTRAV 22
2/11973	FIBERTRAV 22
2/11974	FIBERTRAV 22
2/11975	FIBERTRAV 22
2/11976	FIBERTRAV 22
2/11977	FIBERTRAV 22
2/11978	FIBERTRAV 22
2/11979	FIBERTRAV 22
2/11980	FIBERTRAV 22
2/11981	FIBERTRAV 22
2/11982	FIBERTRAV 22
2/11983	FIBERTRAV 22
2/11984	FIBERTRAV 22
2/11985	FIBERTRAV 22
2/11986	FIBERTRAV 22
2/11987	FIBERTRAV 22
2/11988	FIBERTRAV 22
2/11989	FIBERTRAV 22
2/11990	FIBERTRAV 22
2/11991	FIBERTRAV 22
2/11992	FIBERTRAV 22
2/11993	FIBERTRAV 22
2/11994	FIBERTRAV 22
2/11995	FIBERTRAV 22
2/11996	FIBERTRAV 22
2/11997	FIBERTRAV 22
2/11998	FIBERTRAV 22
2/11999	FIBERTRAV 22
2/12000	FIBERTRAV 22
2/12001	FIBERTRAV 22
2/12002	FIBERTRAV 22
2/12003	FIBERTRAV 22
2/12004	FIBERTRAV 22
2/12005	FIBERTRAV 22
2/12006	FIBERTRAV 22
2/12007	FIBERTRAV 22
2/12008	FIBERTRAV 22
2/12009	FIBERTRAV 22
2/12010	FIBERTRAV 22
2/12011	FIBERTRAV 22
2/12012	FIBERTRAV 22
2/12013	FIBERTRAV 22

REF.	Family / Pg.
2/12014	FIBERTRAV 23
2/12015	FIBERTRAV 23
2/12016	FIBERTRAV 23
2/12017	FIBERTRAV 23
2/12018	FIBERTRAV 23
2/12019	FIBERTRAV 23
2/12020	FIBERTRAV 23
2/12021	FIBERTRAV 23
2/12022	FIBERTRAV 23
2/12023	FIBERTRAV 23
2/12024	FIBERTRAV 23
2/12025	FIBERTRAV 23
2/12026	FIBERTRAV 23
2/12027	FIBERTRAV 23
2/12028	FIBERTRAV 23
2/12029	FIBERTRAV 23
2/12030	FIBERTRAV 23
2/12031	FIBERTRAV 23
2/12032	FIBERTRAV 23
2/12033	FIBERTRAV 23
2/12034	FIBERTRAV 23
2/12035	FIBERTRAV 23
2/12036	FIBERTRAV 23
2/12037	FIBERTRAV 23
2/12038	FIBERTRAV 23
2/12039	FIBERTRAV 23
2/12040	FIBERTRAV 23
2/12041	FIBERTRAV 23
2/12042	FIBERTRAV 23
2/12043	FIBERTRAV 23
2/12044	FIBERTRAV 23
2/12045	FIBERTRAV 23
2/12046	FIBERTRAV 23
2/12047	FIBERTRAV 23
2/12048	FIBERTRAV 23
2/12049	FIBERTRAV 23
2/12050	FIBERTRAV 23
2/12051	FIBERTRAV 23
2/12052	FIBERTRAV 23
2/12053	FIBERTRAV 23
2/12054	FIBERTRAV 23
2/12055	FIBERTRAV 23
2/12056	FIBERTRAV 23
2/12057	FIBERTRAV 23
2/12058	FIBERTRAV 23
2/12059	FIBERTRAV 23
2/12060	FIBERTRAV 23
2/12061	FIBERTRAV 23
2/12062	FIBERTRAV 23
2/12063	FIBERTRAV 23
2/12064	FIBERTRAV 23
2/12065	FIBERTRAV 23
2/12066	FIBERTRAV 23
2/12067	FIBERTRAV 23
2/12068	FIBERTRAV 24
2/12069	FIBERTRAV 24
2/12070	FIBERTRAV 24
2/12071	FIBERTRAV 24

REF.	Family / Pg.
2/12072	FIBERTRAV 24
2/12073	FIBERTRAV 24
2/12074	FIBERTRAV 24
2/12075	FIBERTRAV 24
2/12076	FIBERTRAV 24
2/12077	FIBERTRAV 24
2/12078	FIBERTRAV 24
2/12079	FIBERTRAV 24
2/12080	BASORTRAV 107
2/12081	BASORTRAV 107
2/12082	BASORTRAV 107
2/12083	BASORTRAV 107
2/12084	BASORTRAV 107
2/12085	BASORTRAV 107
2/12086	BASORTRAV 107
2/12087	BASORTRAV 107
2/12088	BASORTRAV 107
2/12089	BASORTRAV 107
2/12090	BASORTRAV 107
2/12091	BASORTRAV 107
2/12092	BASORTRAV 107
2/12093	BASORTRAV 107
2/12094	BASORTRAV 107
2/12095	BASORTRAV 107
2/12096	BASORTRAV 70, 106
2/12097	BASORTRAV 63
2/12098	BASORTRAV 63
2/12099	BASORTRAV 63
2/12100	BASORTRAV 76
2/12102	BASORFIX 5
2/12109	BASORFIL 5
2/12112	BASORPLAST 18, 29
2/12114	BASORSUPPORT 16, 22
2/14241	BASORTRAY 30
2/14242	BASORTRAY 30
2/14243	BASORTRAY 30
2/14244	BASORFIL 14
2/14245	BASORTRAY 29
2/14246	BASORTRAY 29
2/14247	BASORTRAY 29
2/14248	BASORTRAY 29
2/14249	BASORTRAY 30
2/14250	BASORTRAY 30
2/14251	BASORTRAY 30
2/14252	BASORTRAY 30
2/14253	BASORTRAY 29
2/14254	BASORSUPPORT 16
2/14255	BASORTRAY 28
2/14256	BASORTRAY 28
2/14257	BASORTRAV 21
2/14258	BASORTRAV 21
2/14259	BASORTRAV 21
2/14260	BASORTRAV 21
2/14261	BASORTRAV 21
2/14262	BASORTRAV 21
2/14263	BASORTRAV 21
2/14266	BASORTRAV 22
2/14267	BASORTRAV 22

REF.	Family / Pg.
2/14268	BASORTRAV 22
2/14269	BASORTRAV 22
2/14270	BASORTRAV 22
2/14271	BASORTRAV 22
2/14272	BASORTRAV 22
2/14275	BASORTRAV 21
2/14276	BASORTRAV 21
2/14277	BASORTRAV 21
2/14278	BASORTRAV 21
2/14279	BASORTRAV 21
2/14280	BASORTRAV 21
2/14283	BASORTRAV 22
2/14284	BASORTRAV 22
2/14285	BASORTRAV 22
2/14286	BASORTRAV 22
2/14287	BASORTRAV 22
2/14288	BASORTRAV 22
2/14291	BASORTRAV 21
2/14292	BASORTRAV 21
2/14293	BASORTRAV 21
2/14294	BASORTRAV 21
2/14295	BASORTRAV 21
2/14296	BASORTRAV 21
2/14299	BASORTRAV 22
2/14300	BASORTRAV 22
2/14301	BASORTRAV 22
2/14302	BASORTRAV 22
2/14303	BASORTRAV 22
2/14304	BASORTRAV 22
2/14307	BASORSUPPORT 26
2/14352	BASORTRAV 21
2/14353	BASORTRAV 21
2/14354	BASORTRAV 21
2/14355	BASORTRAV 21
2/14356	BASORTRAV 21
2/14357	BASORTRAV 21
2/14358	BASORTRAV 21
2/14361	BASORTRAV 21
2/14362	BASORTRAV 21
2/14363	BASORTRAV 21
2/14364	BASORTRAV 21
2/14365	BASORTRAV 21
2/14366	BASORTRAV 21
2/14367	BASORTRAV 21
2/14370	BASORTRAV 22
2/14371	BASORTRAV 22
2/14372	BASORTRAV 22
2/14373	BASORTRAV 22
2/14374	BASORTRAV 22
2/14375	BASORTRAV 22
2/14376	BASORTRAV 22
2/14379	BASORTRAV 22
2/14380	BASORTRAV 22
2/14381	BASORTRAV 22
2/14382	BASORTRAV 22
2/14383	BASORTRAV 22
2/14384	BASORTRAV 22
2/14385	BASORTRAV 22

REF.	Family / Pg.
2/14388	BASORTRAV 21
2/14389	BASORTRAV 21
2/14390	BASORTRAV 21
2/14391	BASORTRAV 21
2/14392	BASORTRAV 21
2/14393	BASORTRAV 21
2/14396	BASORTRAV 21
2/14397	BASORTRAV 21
2/14398	BASORTRAV 21
2/14399	BASORTRAV 21
2/14400	BASORTRAV 21
2/14401	BASORTRAV 21
2/14404	BASORTRAV 22
2/14405	BASORTRAV 22
2/14406	BASORTRAV 22
2/14407	BASORTRAV 22
2/14408	BASORTRAV 22
2/14409	BASORTRAV 22
2/14412	BASORTRAV 22
2/14413	BASORTRAV 22
2/14414	BASORTRAV 22
2/14415	BASORTRAV 22
2/14416	BASORTRAV 22
2/14417	BASORTRAV 22
2/14420	BASORTRAV 21
2/14421	BASORTRAV 21
2/14422	BASORTRAV 21
2/14423	BASORTRAV 21
2/14424	BASORTRAV 21
2/14425	BASORTRAV 21
2/14428	BASORTRAV 21
2/14429	BASORTRAV 21
2/14430	BASORTRAV 21
2/14431	BASORTRAV 21
2/14432	BASORTRAV 21
2/14433	BASORTRAV 21
2/14436	BASORTRAV 22
2/14437	BASORTRAV 22
2/14438	BASORTRAV 22
2/14439	BASORTRAV 22
2/14440	BASORTRAV 22
2/14441	BASORTRAV 22
2/14444	BASORTRAV 22
2/14445	BASORTRAV 22
2/14446	BASORTRAV 22
2/14447	BASORTRAV 22
2/14448	BASORTRAV 22
2/14449	BASORTRAV 22
2/14463	FIBERTRAV 25
2/14464	FIBERTRAV 25
2/14465	FIBERTRAV 25
2/14466	FIBERTRAV 25
2/14467	FIBERTRAV 25
2/14468	FIBERTRAV 25
2/14469	FIBERTRAV 25
2/14470	FIBERTRAV 25
2/14471	FIBERTRAV 25
2/14472	BASORTRAV 107

REF.	Family / Pg.
2/14473	BASORTRAV 16, 56, 77, 81, 106
2/14474	BASORTRAY 39
2/14475	BASORTRAY 39
2/14476	BASORTRAY 39
2/14480	BASORTRAY 40
2/14481	BASORTRAY 40
2/14482	BASORTRAY 40
2/14483	BASORTRAY 40
2/14484	BASORTRAY 40
2/14485	BASORTRAY 40
2/14486	BASORTRAY 40
2/14487	BASORTRAY 40
2/14488	BASORTRAY 40
2/14489	BASORSUPPORT 13
2/14490	BASORSUPPORT 13
2/14491	BASORSUPPORT 13
2/14492	BASORSUPPORT 13
2/14493	BASORSUPPORT 13
2/14494	BASORSUPPORT 13
2/14495	BASORSUPPORT 13
2/14503	BASORTRAY 20
2/14504	BASORTRAY 20
2/14505	BASORTRAY 20
2/14506	BASORTRAY 20
2/14507	BASORTRAY 20
2/14508	BASORTRAY 20
2/14509	BASORTRAY 20
2/14510	BASORTRAY 20
2/14511	BASORTRAY 20
2/14512	BASORTRAY 20
2/14513	BASORTRAY 20
2/14514	BASORTRAY 20
2/14515	BASORTRAY 20
2/14516	BASORTRAY 20
2/14517	BASORTRAY 20
2/14518	BASORTRAY 20
2/14519	BASORTRAY 20
2/14520	BASORTRAY 20
2/14521	BASORTRAY 20
2/14522	BASORTRAY 20
2/14523	BASORTRAY 20
2/14524	BASORTRAY 20
2/14525	BASORTRAY 20
2/14526	BASORTRAY 20
2/14527	BASORTRAY 20
2/14528	BASORTRAY 20
2/14529	BASORTRAY 20
2/14530	BASORTRAY 20
2/14531	BASORTRAY 22
2/14532	BASORTRAY 22
2/14533	BASORTRAY 22
2/14534	BASORTRAY 22
2/14535	BASORTRAY 22
2/14536	BASORTRAY 22
2/14537	BASORTRAY 22
2/14538	BASORTRAY 22
2/14539	BASORTRAY 22
2/14540	BASORTRAY 22

REF.	Family / Pg.
2/14541	BASORTRAY 22
2/14542	BASORTRAY 22
2/14543	BASORTRAY 22
2/14544	BASORTRAY 22
2/14545	BASORTRAY 22
2/14546	BASORTRAY 22
2/14547	BASORTRAY 22
2/14548	BASORTRAY 22
2/14549	BASORTRAY 22
2/14550	BASORTRAY 22
2/14551	BASORTRAY 22
2/14552	BASORTRAY 22
2/14553	BASORTRAY 22
2/14554	BASORTRAY 22
2/14555	BASORTRAY 22
2/14556	BASORTRAY 22
2/14557	BASORTRAY 22
2/14558	BASORTRAY 22
2/14559	BASORTRAY 24
2/14560	BASORTRAY 24
2/14561	BASORTRAY 24
2/14562	BASORTRAY 24
2/14563	BASORTRAY 24
2/14564	BASORTRAY 24
2/14565	BASORTRAY 24
2/14566	BASORTRAY 24
2/14567	BASORTRAY 24
2/14568	BASORTRAY 24
2/14569	BASORTRAY 24
2/14570	BASORTRAY 24
2/14571	BASORTRAY 24
2/14572	BASORTRAY 24
2/14573	BASORTRAY 24
2/14574	BASORTRAY 24
2/14575	BASORTRAY 24
2/14576	BASORTRAY 24
2/14577	BASORTRAY 24
2/14578	BASORTRAY 24
2/14579	BASORTRAY 24
2/14580	BASORTRAY 24
2/14581	BASORTRAY 24
2/14582	BASORTRAY 24
2/14583	BASORTRAY 24
2/14584	BASORTRAY 24
2/14585	BASORTRAY 24
2/14586	BASORTRAY 24
2/14587	BASORTRAY 24
2/14588	BASORTRAY 24
2/14589	BASORTRAY 24
2/14590	BASORTRAY 24
2/14591	BASORTRAY 24
2/14592	BASORTRAY 24
2/14593	BASORTRAY 24
2/14594	BASORTRAY 24
2/14595	BASORTRAY 24
2/14596	BASORTRAY 24
2/14597	BASORTRAY 24
2/14598	BASORTRAY 24

REF.	Family / Pg.
2/14599	BASORTRAY 24
2/14600	BASORTRAY 24
2/14601	BASORTRAY 24
2/14602	BASORTRAY 24
2/14603	BASORTRAY 24
2/14604	BASORTRAY 24
2/14605	BASORTRAY 24
2/14606	BASORTRAY 24
2/14607	BASORTRAY 24
2/14608	BASORTRAY 24
2/14609	BASORTRAY 24
2/14610	BASORTRAY 24
2/14611	BASORTRAY 24
2/14612	BASORTRAY 24
2/14613	BASORTRAY 24
2/14614	BASORTRAY 24
2/14615	BASORTRAV 59
2/14617	BASORTRAV 59
2/14619	BASORTRAV 59
2/14621	BASORTRAV 59
2/14622	BASORTRAV 59
2/14623	BASORTRAV 59
2/14624	BASORTRAV 59
2/14626	BASORTRAV 59
2/14628	BASORTRAV 59
2/14630	BASORTRAV 59
2/14631	BASORTRAV 59
2/14632	BASORTRAV 59
2/14633	BASORTRAV 59
2/14635	BASORTRAV 59
2/14637	BASORTRAV 59
2/14639	BASORTRAV 59
2/14640	BASORTRAV 59
2/14641	BASORTRAV 59
2/14642	BASORTUB 7,BASORFIX 13
2/14643	BASORTUB 7,BASORFIX 13
2/14644	BASORTUB 7,BASORFIX 13
2/14645	BASORTUB 7,BASORFIX 13
2/14646	BASORTUB 7,BASORFIX 13
2/14647	BASORTUB 7,BASORFIX 13
2/14648	BASORTUB 7,BASORFIX 13
2/14649	BASORTUB 7,BASORFIX 13
2/14650	BASORTUB 7,BASORFIX 13
2/14651	BASORTRAV 23
2/14652	BASORTRAV 23
2/14653	BASORTRAV 23
2/14654	BASORTRAV 23
2/14655	BASORTRAV 23
2/14656	BASORTRAV 23
2/14657	BASORTRAV 23
2/14658	BASORTRAV 23
2/14659	BASORTRAV 23
2/14660	BASORTRAV 23
2/14661	BASORTRAV 23
2/14662	BASORTRAV 23
2/14663	BASORTRAV 23
2/14664	BASORTRAV 23
2/14665	BASORTRAV 23

REF.	Family / Pg.
2/14666	BASORTRAV 23
2/14667	BASORTRAV 23
2/14668	BASORTRAV 23
2/14669	BASORTRAV 23
2/14670	BASORTRAV 23
2/14671	BASORTRAV 23
2/14672	BASORTRAV 23
2/14673	BASORTRAV 23
2/14674	BASORTRAV 23
2/14675	BASORTRAV 23
2/14676	BASORTRAV 23
2/14677	BASORTRAV 23
2/14678	BASORTRAV 23
2/14679	BASORTRAV 23
2/14680	BASORTRAV 23
2/14681	BASORTRAV 23
2/14682	BASORTRAV 23
2/14683	BASORTRAV 23
2/14684	BASORTRAV 23
2/14685	BASORTRAV 23
2/14686	BASORTRAV 23
2/14687	BASORTRAV 23
2/14688	BASORTRAV 23
2/14689	BASORTRAV 23
2/14690	BASORTRAV 23
2/14691	BASORTRAV 23
2/14692	BASORTRAV 23
2/14693	BASORTRAV 23
2/14694	BASORTRAV 23
2/14695	BASORTRAV 23
2/14696	BASORTRAV 23
2/14697	BASORTRAV 23
2/14698	BASORTRAV 23
2/14699	BASORTRAV 23
2/14700	BASORTRAV 23
2/14701	BASORTRAV 23
2/14702	BASORTRAV 23
2/14703	BASORTRAV 24
2/14704	BASORTRAV 24
2/14705	BASORTRAV 24
2/14706	BASORTRAV 24
2/14707	BASORTRAV 24
2/14708	BASORTRAV 24
2/14709	BASORTRAV 24
2/14710	BASORTRAV 24
2/14711	BASORTRAV 24
2/14712	BASORTRAV 24
2/14713	BASORTRAV 24
2/14714	BASORTRAV 24
2/14715	BASORTRAV 24
2/14716	BASORTRAV 24
2/14717	BASORTRAV 24
2/14718	BASORTRAV 24
2/14719	BASORTRAV 24
2/14720	BASORTRAV 24
2/14721	BASORTRAV 24
2/14722	BASORTRAV 24
2/14723	BASORTRAV 24

REF.	Family / Pg.
2/14724	BASORTRAV 24
2/14725	BASORTRAV 24
2/14726	BASORTRAV 24
2/14727	BASORTRAV 24
2/14728	BASORTRAV 24
2/14729	BASORTRAV 27
2/14730	BASORTRAV 27
2/14731	BASORTRAV 27
2/14732	BASORTRAV 27
2/14733	BASORTRAV 27
2/14734	BASORTRAV 27
2/14735	BASORTRAV 27
2/14736	BASORTRAV 27
2/14737	BASORTRAV 27
2/14738	BASORTRAV 27
2/14739	BASORTRAV 27
2/14740	BASORTRAV 27
2/14741	BASORTRAV 27
2/14742	BASORTRAV 27
2/14743	BASORTRAV 27
2/14744	BASORTRAV 27
2/14745	BASORTRAV 27
2/14746	BASORTRAV 27
2/14747	BASORTRAV 27
2/14748	BASORTRAV 27
2/14749	BASORTRAV 27
2/14750	BASORTRAV 27
2/14751	BASORTRAV 27
2/14752	BASORTRAV 27
2/14753	BASORTRAV 27
2/14754	BASORTRAV 27
2/14755	BASORTRAV 27
2/14756	BASORTRAV 27
2/14757	BASORTRAV 27
2/14758	BASORTRAV 27
2/14759	BASORTRAV 27
2/14760	BASORTRAV 27
2/14761	BASORTRAV 27
2/14762	BASORTRAV 27
2/14763	BASORTRAV 27
2/14764	BASORTRAV 27
2/14765	BASORTRAV 27
2/14766	BASORTRAV 27
2/14767	BASORTRAV 27
2/14768	BASORTRAV 27
2/14769	BASORTRAV 27
2/14770	BASORTRAV 27
2/14771	BASORTRAV 27
2/14772	BASORTRAV 27
2/14773	BASORTRAV 27
2/14774	BASORTRAV 27
2/14775	BASORTRAV 27
2/14776	BASORTRAV 27
2/14777	BASORTRAV 27
2/14778	BASORTRAV 27
2/14779	BASORTRAV 27
2/14780	BASORTRAV 27
2/14781	BASORTRAV 28

REF.	Family / Pg.
2/14782	BASORTRAV 28
2/14783	BASORTRAV 28
2/14784	BASORTRAV 28
2/14785	BASORTRAV 28
2/14786	BASORTRAV 28
2/14787	BASORTRAV 28
2/14788	BASORTRAV 28
2/14789	BASORTRAV 28
2/14790	BASORTRAV 28
2/14791	BASORTRAV 28
2/14792	BASORTRAV 28
2/14793	BASORTRAV 28
2/14794	BASORTRAV 28
2/14795	BASORTRAV 28
2/14796	BASORTRAV 28
2/14797	BASORTRAV 28
2/14798	BASORTRAV 28
2/14799	BASORTRAV 28
2/14800	BASORTRAV 28
2/14801	BASORTRAV 28
2/14802	BASORTRAV 28
2/14803	BASORTRAV 28
2/14804	BASORTRAV 28
2/14805	BASORTRAV 28
2/14806	BASORTRAV 28
2/14807	BASORTRAV 31
2/14808	BASORTRAV 31
2/14809	BASORSUPPORT 16, 27
2/14810	BASORTRAV 31
2/14811	BASORTRAV 31
2/14812	BASORTRAV 31
2/14813	BASORTRAV 31
2/14814	BASORTRAV 31
2/14815	BASORTRAV 31
2/14816	BASORTRAV 31
2/14817	BASORTRAV 31
2/14818	BASORTRAV 31
2/14819	BASORTRAV 31
2/14820	BASORTRAV 31
2/14821	BASORTRAV 31
2/14822	BASORTRAV 31
2/14823	BASORTRAV 31
2/14824	BASORTRAV 31
2/14825	BASORTRAV 31
2/14826	BASORTRAV 31
2/14827	BASORTRAV 31
2/14828	BASORTRAV 31
2/14829	BASORTRAV 31
2/14830	BASORTRAV 31
2/14831	BASORTRAV 31
2/14832	BASORTRAV 31
2/14833	BASORTRAV 31
2/14834	BASORTRAV 31
2/14835	BASORTRAV 31
2/14836	BASORTRAV 31
2/14837	BASORTRAV 31
2/14838	BASORTRAV 31
2/14839	BASORTRAV 31

REF.	Family / Pg.
2/14840	BASORTRAV 31
2/14841	BASORTRAV 31
2/14842	BASORTRAV 31
2/14843	BASORTRAV 31
2/14844	BASORTRAV 31
2/14845	BASORTRAV 31
2/14846	BASORTRAV 31
2/14847	BASORTRAV 31
2/14848	BASORTRAV 31
2/14849	BASORTRAV 31
2/14850	BASORTRAV 31
2/14851	BASORTRAV 31
2/14852	BASORTRAV 31
2/14853	BASORTRAV 31
2/14854	BASORTRAV 31
2/14855	BASORTRAV 31
2/14856	BASORTRAV 31
2/14857	BASORTRAV 31
2/14858	BASORTRAV 31
2/14859	BASORTRAV 31
2/14860	BASORTRAV 32
2/14861	BASORTRAV 32
2/14862	BASORTRAV 32
2/14863	BASORTRAV 32
2/14864	BASORTRAV 32
2/14865	BASORTRAV 32
2/14866	BASORTRAV 32
2/14867	BASORTRAV 32
2/14868	BASORTRAV 32
2/14869	BASORTRAV 32
2/14870	BASORTRAV 32
2/14871	BASORTRAV 32
2/14872	BASORTRAV 32
2/14873	BASORTRAV 32
2/14874	BASORTRAV 32
2/14875	BASORTRAV 32
2/14876	BASORTRAV 32
2/14877	BASORTRAV 32
2/14878	BASORTRAV 32
2/14879	BASORTRAV 32
2/14880	BASORTRAV 32
2/14881	BASORTRAV 32
2/14882	BASORTRAV 32
2/14883	BASORTRAV 32
2/14884	BASORTRAV 32
2/14885	BASORTRAV 32
2/14886	BASORTRAV 25
2/14887	BASORTRAV 25
2/14888	BASORTRAV 25
2/14889	BASORTRAV 25
2/14890	BASORTRAV 25
2/14891	BASORTRAV 25
2/14892	BASORTRAV 25
2/14893	BASORTRAV 25
2/14894	BASORTRAV 25
2/14895	BASORTRAV 25
2/14896	BASORTRAV 25
2/14897	BASORTRAV 25

REF.	Family / Pg.
2/14898	BASORTRAV 25
2/14899	BASORTRAV 25
2/14900	BASORTRAV 25
2/14901	BASORTRAV 25
2/14902	BASORTRAV 25
2/14903	BASORTRAV 25
2/14904	BASORTRAV 25
2/14905	BASORTRAV 25
2/14906	BASORTRAV 25
2/14907	BASORTRAV 25
2/14908	BASORTRAV 25
2/14909	BASORTRAV 25
2/14910	BASORTRAV 25
2/14911	BASORTRAV 25
2/14912	BASORTRAV 25
2/14913	BASORTRAV 25
2/14914	BASORTRAV 25
2/14915	BASORTRAV 25
2/14916	BASORTRAV 25
2/14917	BASORTRAV 25
2/14918	BASORTRAV 25
2/14919	BASORTRAV 25
2/14920	BASORTRAV 25
2/14921	BASORTRAV 25
2/14922	BASORTRAV 25
2/14923	BASORTRAV 25
2/14924	BASORTRAV 25
2/14925	BASORTRAV 25
2/14926	BASORTRAV 25
2/14927	BASORTRAV 25
2/14928	BASORTRAV 25
2/14929	BASORTRAV 25
2/14930	BASORTRAV 25
2/14931	BASORTRAV 25
2/14932	BASORTRAV 25
2/14933	BASORTRAV 25
2/14934	BASORTRAV 25
2/14935	BASORTRAV 25
2/14936	BASORTRAV 25
2/14937	BASORTRAV 25
2/14938	BASORTRAV 79
2/14939	BASORTRAV 79
2/14940	BASORTRAV 79
2/14941	BASORTRAY 53
2/14942	BASORTRAV 89
2/14943	BASORTRAV 89
2/14944	BASORTRAV 89
2/14945	BASORTRAV 90
2/14946	BASORTRAV 90
2/14947	BASORTRAV 90
2/14948	BASORTRAV 91
2/14949	BASORTRAV 91
2/14950	BASORTRAV 91
2/14951	BASORTRAV 95
2/14952	BASORTRAV 95
2/14953	BASORTRAV 95
2/14954	BASORTRAV 95
2/14955	BASORTRAV 95

REF.	Family / Pg.
2/14956	BASORTRAV 95
2/14957	BASORTRAV 95
2/14958	BASORTRAV 95
2/14959	BASORTRAV 95
2/14960	BASORTRAV 96
2/14961	BASORTRAV 96
2/14962	BASORTRAV 96
2/14963	BASORTRAV 96
2/14964	BASORTRAV 96
2/14965	BASORTRAV 96
2/14966	BASORTRAV 96
2/14967	BASORTRAV 96
2/14968	BASORTRAV 96
2/14969	BASORTRAV 97
2/14970	BASORTRAV 97
2/14971	BASORTRAV 97
2/14972	BASORTRAV 97
2/14973	BASORTRAV 97
2/14974	BASORTRAV 97
2/14975	BASORTRAV 97
2/14976	BASORTRAV 97
2/14977	BASORTRAV 97
2/14978	BASORTRAV 101
2/14979	BASORTRAV 101
2/14980	BASORTRAV 101
2/14981	BASORTRAV 102
2/14982	BASORTRAV 102
2/14983	BASORTRAV 102
2/14984	BASORTRAV 103
2/14985	BASORTRAV 103
2/14986	BASORTRAV 103
2/14987	BASORTRAV 104
2/14988	BASORTRAV 104
2/14989	BASORTRAV 104
2/14990	BASORTRAV 105
2/14991	BASORTRAV 105
2/14992	BASORTRAV 105
2/14993	BASORTRAY 34
2/14994	BASORTRAY 33
2/14995	BASORTRAY 33
2/14996	BASORTRAY 33
2/14997	BASORTRAY 33
2/14998	BASORTRAY 33
2/14999	BASORTRAY 34
2/15000	BASORTRAY 33
2/15001	BASORTRAY 33
2/15002	BASORTRAY 33
2/15003	BASORTRAY 33
2/15004	BASORTRAY 33
2/15005	BASORTRAY 33
2/15006	BASORTRAY 33
2/15007	BASORTRAY 33
2/15008	BASORTRAY 33
2/15009	BASORTRAY 33
2/15010	BASORTRAY 33
2/15011	BASORTRAY 33
2/15012	BASORTRAY 33
2/15013	BASORTRAY 33

REF.	Family / Pg.
2/15014	BASORTRAY 34
2/15015	BASORTRAY 34
2/15016	BASORTRAY 35
2/15017	BASORTRAY 35
2/15018	BASORTRAY 35
2/15019	BASORTRAY 35
2/15020	BASORTRAY 35
2/15021	BASORTRAY 35
2/15022	BASORTRAY 35
2/15023	BASORTRAY 35
2/15024	BASORTRAY 35
2/15025	BASORTRAY 35
2/15026	BASORTRAY 35
2/15027	BASORTRAY 35
2/15028	BASORTRAY 35
2/15029	BASORTRAY 35
2/15030	BASORTRAY 35
2/15031	BASORTRAY 35
2/15032	BASORTRAY 35
2/15033	BASORTRAY 35
2/15034	BASORTRAY 35
2/15035	BASORTRAY 35
2/15036	BASORTRAY 35
2/15037	BASORTRAY 35
2/15038	BASORTRAY 35
2/15039	BASORTRAY 36
2/15040	BASORTRAY 36
2/15041	BASORTRAY 36
2/15042	BASORTRAY 36
2/15043	BASORTRAY 36
2/15044	BASORTRAY 36
2/15045	BASORTRAY 36
2/15046	BASORTRAY 36
2/15047	BASORTRAY 36
2/15048	BASORTRAY 36
2/15049	BASORTRAY 36
2/15050	BASORTRAY 36
2/15051	BASORTRAY 36
2/15052	BASORTRAY 36
2/15053	BASORTRAY 36
2/15054	BASORTRAY 36
2/15055	BASORTRAY 36
2/15056	BASORTRAY 36
2/15057	BASORTRAY 36
2/15058	BASORTRAY 36
2/15059	BASORTRAY 36
2/15060	BASORTRAY 36
2/15061	BASORTRAY 36
2/15062	BASORTRAV 106
2/15063	BASORTRAV 106
2/15064	BASORTRAV 106
2/15065	BASORTRAV 69
2/15066	BASORTRAY 37
2/15067	BASORTRAY 37
2/15072	BASORTRAY 38
2/15073	BASORTRAY 38
2/15085	BASORTRAY 37
2/15086	BASORTRAY 37

REF.	Family / Pg.
2/15087	BASORTRAY 37
2/15088	BASORTRAY 37
2/15089	BASORTRAY 37
2/15090	BASORTRAY 37
2/15091	BASORTRAY 37
2/15092	BASORTRAY 37
2/15093	BASORTRAY 37
2/15094	BASORTRAY 37
2/15095	BASORTRAY 37
2/15096	BASORTRAY 37
2/15097	BASORTRAY 37
2/15098	BASORTRAY 37
2/15099	BASORTRAY 37
2/15100	BASORTRAY 37
2/15101	BASORTRAY 37
2/15102	BASORTRAY 37
2/15103	BASORTRAY 37
2/15104	BASORTRAY 37
2/15105	BASORTRAY 37
2/15106	BASORTRAY 37
2/15107	BASORTRAY 37
2/15108	BASORTRAY 38
2/15109	BASORTRAY 38
2/15110	BASORTRAY 38
2/15111	BASORTRAY 38
2/15112	BASORTRAY 38
2/15113	BASORTRAY 38
2/15114	BASORTRAY 38
2/15115	BASORTRAY 38
2/15116	BASORTRAY 38
2/15117	BASORTRAY 38
2/15118	BASORTRAY 38
2/15119	BASORTRAY 38
2/15120	BASORTRAY 38
2/15121	BASORTRAY 38
2/15122	BASORTRAY 38
2/15123	BASORTRAY 38
2/15124	BASORTRAY 38
2/15125	BASORTRAY 38
2/15126	BASORTRAY 38
2/15127	BASORTRAY 38
2/15128	BASORTRAY 38
2/15129	BASORTRAY 38
2/15130	BASORTRAY 38
2/15133	BASORTRAY 40
2/15134	BASORTRAY 39
2/15135	BASORTRAY 39
2/15136	BASORTRAV 59
2/15137	BASORTRAV 59
2/15138	BASORTRAV 59
2/15139	BASORTRAV 59
2/15140	BASORTRAV 59
2/15141	BASORTRAV 59
2/15142	BASORTRAV 59
2/15143	BASORTRAV 59
2/15144	BASORTRAV 59
2/15145	BASORTRAV 59
2/15146	BASORTRAV 59

REF.	Family / Pg.
2/15147	BASORTRAV 59
2/15148	BASORTRAV 59
2/15149	BASORTRAV 59
2/15150	BASORTRAV 59
2/15151	BASORTRAV 59
2/15152	BASORTRAV 59
2/15153	BASORTRAV 59
2/15154	BASORTRAV 59
2/15155	BASORTRAV 59
2/15156	BASORTRAV 59
2/15157	BASORTRAV 59
2/15158	BASORTRAV 59
2/15159	BASORTRAV 59
2/15160	BASORTRAV 59
2/15161	BASORTRAV 59
2/15162	BASORTRAV 59
2/15163	BASORTRAV 59
2/15164	BASORTRAV 59
2/15165	BASORTRAV 59
2/15166	BASORTRAV 59
2/15167	BASORTRAV 59
2/15168	BASORTRAV 59
2/15169	BASORTRAV 59
2/15170	BASORTRAV 59
2/15171	BASORTRAV 59
2/15172	BASORTRAV 59
2/15173	BASORTRAV 59
2/15174	BASORTRAV 59
2/15175	BASORTRAV 59
2/15176	BASORTRAV 59
2/15177	BASORTRAV 59
2/15178	BASORTRAV 59
2/15179	BASORTRAV 59
2/15180	BASORTRAV 59
2/15181	BASORTRAV 59
2/15182	BASORTRAV 59
2/15183	BASORTRAV 59
2/15184	BASORTRAV 64
2/15185	BASORTRAV 64
2/15186	BASORTRAV 64
2/15187	BASORTRAV 64
2/15188	BASORTRAV 64
2/15189	BASORTRAV 64
2/15190	BASORTRAV 64
2/15191	BASORTRAV 64
2/15192	BASORTRAV 64
2/15193	BASORTRAV 64
2/15194	BASORTRAV 64
2/15195	BASORTRAV 64
2/15196	BASORTRAV 64
2/15197	BASORTRAV 64
2/15198	BASORTRAV 64
2/15199	BASORTRAV 64
2/15200	BASORTRAV 64
2/15201	BASORTRAV 64
2/15202	BASORTRAV 64
2/15203	BASORTRAV 64
2/15204	BASORTRAV 64

REF.	Family / Pg.
2/15205	BASORTRAV 64
2/15206	BASORTRAV 64
2/15207	BASORTRAV 64
2/15208	BASORTRAV 64
2/15209	BASORTRAV 64
2/15210	BASORTRAV 64
2/15211	BASORTRAV 64
2/15212	BASORTRAV 64
2/15213	BASORTRAV 64
2/15214	BASORTRAV 64
2/15215	BASORTRAV 64
2/15216	BASORTRAV 64
2/15217	BASORTRAV 64
2/15218	BASORTRAV 64
2/15219	BASORTRAV 64
2/15220	BASORTRAV 64
2/15221	BASORTRAV 64
2/15222	BASORTRAV 64
2/15223	BASORTRAV 64
2/15224	BASORTRAV 64
2/15225	BASORTRAV 64
2/15226	BASORTRAV 64
2/15227	BASORTRAV 64
2/15228	BASORTRAV 64
2/15229	BASORTRAV 64
2/15230	BASORTRAV 64
2/15231	BASORTRAV 64
2/15232	BASORTRAV 65
2/15233	BASORTRAV 65
2/15234	BASORTRAV 65
2/15235	BASORTRAV 65
2/15236	BASORTRAV 65
2/15237	BASORTRAV 65
2/15238	BASORTRAV 65
2/15239	BASORTRAV 65
2/15240	BASORTRAV 65
2/15241	BASORTRAV 65
2/15242	BASORTRAV 65
2/15243	BASORTRAV 65
2/15244	BASORTRAV 65
2/15245	BASORTRAV 65
2/15246	BASORTRAV 65
2/15247	BASORTRAV 65
2/15248	BASORTRAV 65
2/15249	BASORTRAV 65
2/15250	BASORTRAV 65
2/15251	BASORTRAV 65
2/15252	BASORTRAV 65
2/15253	BASORTRAV 65
2/15254	BASORTRAV 65
2/15255	BASORTRAV 65
2/15256	BASORTRAV 65
2/15257	BASORTRAV 65
2/15258	BASORTRAV 65
2/15259	BASORTRAV 65
2/15260	BASORTRAV 65
2/15261	BASORTRAV 65
2/15262	BASORTRAV 65

REF.	Family / Pg.
2/15263	BASORTRAV 65
2/15264	BASORTRAV 65
2/15265	BASORTRAV 65
2/15266	BASORTRAV 65
2/15267	BASORTRAV 65
2/15268	BASORTRAV 65
2/15269	BASORTRAV 65
2/15270	BASORTRAV 65
2/15271	BASORTRAV 65
2/15272	BASORTRAV 65
2/15273	BASORTRAV 65
2/15274	BASORTRAV 65
2/15275	BASORTRAV 65
2/15276	BASORTRAV 65
2/15277	BASORTRAV 65
2/15278	BASORTRAV 65
2/15279	BASORTRAV 65
2/15280	BASORTRAV 66
2/15281	BASORTRAV 66
2/15282	BASORTRAV 66
2/15283	BASORTRAV 66
2/15284	BASORTRAV 66
2/15285	BASORTRAV 66
2/15286	BASORTRAV 66
2/15287	BASORTRAV 66
2/15288	BASORTRAV 66
2/15289	BASORTRAV 66
2/15290	BASORTRAV 66
2/15291	BASORTRAV 66
2/15292	BASORTRAV 66
2/15293	BASORTRAV 66
2/15294	BASORTRAV 66
2/15295	BASORTRAV 66
2/15296	BASORTRAV 66
2/15297	BASORTRAV 66
2/15298	BASORTRAV 66
2/15299	BASORTRAV 66
2/15300	BASORTRAV 66
2/15301	BASORTRAV 66
2/15302	BASORTRAV 66
2/15303	BASORTRAV 66
2/15304	BASORTRAV 66
2/15305	BASORTRAV 66
2/15306	BASORTRAV 66
2/15307	BASORTRAV 66
2/15308	BASORTRAV 66
2/15309	BASORTRAV 66
2/15310	BASORTRAV 66
2/15311	BASORTRAV 66
2/15312	BASORTRAV 66
2/15313	BASORTRAV 66
2/15314	BASORTRAV 66
2/15315	BASORTRAV 66
2/15316	BASORTRAV 66
2/15317	BASORTRAV 66
2/15318	BASORTRAV 66
2/15319	BASORTRAV 66
2/15320	BASORTRAV 66

REF.	Family / Pg.
2/15321	BASORTRAV 66
2/15322	BASORTRAV 66
2/15323	BASORTRAV 66
2/15324	BASORTRAV 66
2/15325	BASORTRAV 66
2/15326	BASORTRAV 66
2/15327	BASORTRAV 66
2/15328	BASORTRAV 67
2/15329	BASORTRAV 67
2/15330	BASORTRAV 67
2/15331	BASORTRAV 67
2/15332	BASORTRAV 67
2/15333	BASORTRAV 67
2/15334	BASORTRAV 67
2/15335	BASORTRAV 67
2/15336	BASORTRAV 67
2/15337	BASORTRAV 67
2/15338	BASORTRAV 67
2/15339	BASORTRAV 67
2/15340	BASORTRAV 67
2/15341	BASORTRAV 67
2/15342	BASORTRAV 67
2/15343	BASORTRAV 67
2/15344	BASORTRAV 67
2/15345	BASORTRAV 67
2/15346	BASORTRAV 67
2/15347	BASORTRAV 67
2/15348	BASORTRAV 67
2/15349	BASORTRAV 67
2/15350	BASORTRAV 67
2/15351	BASORTRAV 67
2/15352	BASORTRAV 67
2/15353	BASORTRAV 67
2/15354	BASORTRAV 67
2/15355	BASORTRAV 67
2/15356	BASORTRAV 67
2/15357	BASORTRAV 67
2/15358	BASORTRAV 67
2/15359	BASORTRAV 67
2/15360	BASORTRAV 67
2/15361	BASORTRAV 67
2/15362	BASORTRAV 67
2/15363	BASORTRAV 67
2/15364	BASORTRAV 67
2/15365	BASORTRAV 67
2/15366	BASORTRAV 67
2/15367	BASORTRAV 67
2/15368	BASORTRAV 67
2/15369	BASORTRAV 67
2/15370	BASORTRAV 67
2/15371	BASORTRAV 67
2/15372	BASORTRAV 67
2/15373	BASORTRAV 67
2/15374	BASORTRAV 67
2/15375	BASORTRAV 67
2/15376	BASORTRAV 68
2/15377	BASORTRAV 68
2/15378	BASORTRAV 68

REF.	Family / Pg.
2/15379	BASORTRAV 68
2/15380	BASORTRAV 68
2/15381	BASORTRAV 68
2/15382	BASORTRAV 68
2/15383	BASORTRAV 68
2/15384	BASORTRAV 68
2/15385	BASORTRAV 68
2/15386	BASORTRAV 68
2/15387	BASORTRAV 68
2/15388	BASORTRAV 68
2/15389	BASORTRAV 68
2/15390	BASORTRAV 68
2/15391	BASORTRAV 68
2/15392	BASORTRAV 68
2/15393	BASORTRAV 68
2/15394	BASORTRAV 68
2/15395	BASORTRAV 68
2/15396	BASORTRAV 68
2/15397	BASORTRAV 68
2/15398	BASORTRAV 68
2/15399	BASORTRAV 68
2/15400	BASORTRAV 68
2/15401	BASORTRAV 68
2/15402	BASORTRAV 68
2/15403	BASORTRAV 68
2/15404	BASORTRAV 68
2/15405	BASORTRAV 68
2/15406	BASORTRAV 68
2/15407	BASORTRAV 68
2/15408	BASORTRAV 68
2/15409	BASORTRAV 68
2/15410	BASORTRAV 68
2/15411	BASORTRAV 68
2/15412	BASORTRAV 68
2/15413	BASORTRAV 68
2/15414	BASORTRAV 68
2/15415	BASORTRAV 68
2/15416	BASORTRAV 68
2/15417	BASORTRAV 68
2/15418	BASORTRAV 68
2/15419	BASORTRAV 68
2/15420	BASORTRAV 68
2/15421	BASORTRAV 68
2/15422	BASORTRAV 68
2/15423	BASORTRAV 68
2/15424	BASORTRAV 69
2/15425	BASORTRAV 69
2/15426	BASORTRAV 69
2/15427	BASORTRAV 69
2/15428	BASORTRAV 69
2/15429	BASORTRAV 69
2/15430	BASORTRAV 69
2/15431	BASORTRAV 69
2/15432	BASORTRAV 69
2/15433	BASORTRAV 69
2/15434	BASORTRAV 69
2/15435	BASORTRAV 69
2/15436	BASORTRAV 69

REF.	Family / Pg.
2/15437	BASORTRAV 69
2/15438	BASORTRAV 69
2/15439	BASORTRAV 69
2/15440	BASORTRAV 69
2/15441	BASORTRAV 69
2/15442	BASORTRAV 69
2/15443	BASORTRAV 69
2/15444	BASORTRAV 69
2/15445	BASORTRAV 107
2/15446	BASORTRAY 33
2/15447	BASORTRAY 33
2/15448	BASORTRAY 33
2/15449	BASORTRAY 33
2/15451	BASORFIL 8
2/15452	BASORTRAY 34
2/15453	BASORTRAY 34
2/15454	BASORTRAY 33
2/15455	BASORTRAY 33
2/15456	BASORTRAY 33
2/15457	BASORTRAY 33
2/15458	BASORTRAY 33
2/15459	BASORTRAY 33
2/15460	BASORTRAY 34
2/15461	BASORTRAY 34
2/15462	BASORTRAY 33
2/15463	BASORTRAY 33
2/15464	BASORTRAY 33
2/15465	BASORTRAY 33
2/15466	BASORTRAY 33
2/15467	BASORTRAY 33
2/15468	BASORTRAY 34
2/15469	BASORTRAY 34
2/15470	BASORTRAY 34
2/15471	BASORTRAY 35
2/15472	BASORTRAY 35
2/15473	BASORTRAY 35
2/15474	BASORTRAY 35
2/15475	BASORTRAY 40
2/15476	BASORTRAV 69
2/15477	BASORTRAY 35
2/15478	BASORTRAY 35
2/15479	BASORTRAY 35
2/15480	BASORTRAY 35
2/15481	BASORTRAY 35
2/15482	BASORTRAY 35
2/15483	BASORTRAY 35
2/15484	BASORTRAY 35
2/15485	BASORTRAY 35
2/15486	BASORTRAY 35
2/15487	BASORTRAY 35
2/15488	BASORTRAY 35
2/15489	BASORTRAY 35
2/15490	BASORTRAY 35
2/15491	BASORTRAY 35
2/15492	BASORTRAY 35
2/15493	BASORTRAY 35
2/15494	BASORTRAY 35
2/15495	BASORTRAY 35

REF.	Family / Pg.
2/15496	BASORTRAY 36
2/15497	BASORTRAY 36
2/15498	BASORTRAY 36
2/15499	BASORTRAY 36
2/15500	BASORTRAY 28
2/15501	BASORFIX 20
2/15502	BASORTRAY 36
2/15503	BASORTRAY 36
2/15504	BASORTRAY 36
2/15505	BASORTRAY 36
2/15506	BASORTRAY 36
2/15507	BASORTRAY 36
2/15508	BASORTRAY 36
2/15509	BASORTRAY 36
2/15510	BASORTRAY 36
2/15511	BASORTRAY 36
2/15512	BASORTRAY 36
2/15513	BASORTRAY 36
2/15514	BASORTRAY 36
2/15515	BASORTRAY 36
2/15516	BASORTRAY 36
2/15517	BASORTRAY 36
2/15518	BASORTRAY 36
2/15519	BASORTRAY 36
2/15520	BASORTRAY 36
2/15521	BASORTRAY 39
2/15522	BASORTRAY 39
2/15523	BASORTRAY 39
2/15524	BASORTRAY 39
2/15525	BASORTRAY 39
2/15526	BASORTRAY 39
2/15527	BASORTRAY 39
2/15528	BASORTRAY 39
2/15529	BASORTRAY 39
2/15530	BASORTRAY 39
2/15531	BASORTRAY 39
2/15532	BASORTRAY 39
2/15533	BASORTRAY 39
2/15534	BASORTRAY 39
2/15535	BASORTRAY 39
2/15536	BASORTRAY 39
2/15537	BASORTRAY 39
2/15538	BASORTRAY 39
2/15539	BASORTRAV 69
2/15540	BASORTRAV 69
2/15541	BASORTRAV 69
2/15542	BASORTRAV 69
2/15543	BASORTRAV 69
2/15544	BASORTRAY 28, 40
2/15545	BASORTRAY 28, 40
2/15546	BASORTRAY 37
2/15547	BASORTRAY 37
2/15548	BASORTRAY 37
2/15549	BASORTRAY 37
2/15550	BASORTRAV 69
2/15551	BASORTRAV 69
2/15552	BASORTRAY 37
2/15553	BASORTRAY 37

REF.	Family / Pg.
2/15554	BASORTRAY 37
2/15555	BASORTRAY 37
2/15556	BASORTRAY 37
2/15557	BASORTRAY 37
2/15558	BASORTRAY 37
2/15559	BASORTRAY 37
2/15560	BASORTRAY 37
2/15561	BASORTRAY 37
2/15562	BASORTRAY 37
2/15563	BASORTRAY 37
2/15564	BASORTRAY 37
2/15565	BASORTRAY 37
2/15566	BASORTRAY 37
2/15567	BASORTRAY 37
2/15568	BASORTRAY 37
2/15569	BASORTRAY 37
2/15570	BASORTRAY 37
2/15571	BASORTRAY 38
2/15572	BASORTRAY 38
2/15573	BASORTRAY 38
2/15574	BASORTRAY 38
2/15575	BASORTRAV 70, 106, FIBERTRAV 25
2/15576	BASORFIL 7
2/15577	BASORTRAY 38
2/15578	BASORTRAY 38
2/15579	BASORTRAY 38
2/15580	BASORTRAY 38
2/15581	BASORTRAY 38
2/15582	BASORTRAY 38
2/15583	BASORTRAY 38
2/15584	BASORTRAY 38
2/15585	BASORTRAY 38
2/15586	BASORTRAY 38
2/15587	BASORTRAY 38
2/15588	BASORTRAY 38
2/15589	BASORTRAY 38
2/15590	BASORTRAY 38
2/15591	BASORTRAY 38
2/15592	BASORTRAY 38
2/15593	BASORTRAY 38
2/15594	BASORTRAY 38
2/15595	BASORTRAY 38
2/15596	BASORTRAY 40
2/15598	BASORTRAY 39
2/15599	BASORTRAY 39
2/15605	BASORTRAV 26
2/15606	BASORTRAV 26
2/15607	BASORTRAV 26
2/15608	BASORTRAV 26
2/15609	BASORTRAV 26
2/15610	BASORTRAV 26
2/15611	BASORTRAV 26
2/15612	BASORTRAV 26
2/15613	BASORTRAV 26
2/15614	BASORTRAV 26
2/15615	BASORTRAV 26
2/15616	BASORTRAV 26

REF.	Family / Pg.
2/15617	BASORTRAV 26
2/15618	BASORTRAV 26
2/15619	BASORTRAV 26
2/15620	BASORTRAV 26
2/15621	BASORTRAV 26
2/15622	BASORTRAV 26
2/15623	BASORTRAV 26
2/15624	BASORTRAV 26
2/15625	BASORTRAV 26
2/15626	BASORTRAV 26
2/15627	BASORTRAV 26
2/15628	BASORTRAV 26
2/15629	BASORTRAV 26
2/15630	BASORTRAV 26
2/15631	BASORTRAV 26
2/15632	BASORTRAV 26
2/15633	BASORTRAV 26
2/15634	BASORTRAV 26
2/15635	BASORTRAV 26
2/15636	BASORTRAV 26
2/15637	BASORTRAV 26
2/15638	BASORTRAV 26
2/15639	BASORTRAV 26
2/15640	BASORTRAV 26
2/15641	BASORTRAV 26
2/15642	BASORTRAV 26
2/15643	BASORTRAV 26
2/15644	BASORTRAV 26
2/15645	BASORTRAV 26
2/15646	BASORTRAV 26
2/15647	BASORTRAV 26
2/15648	BASORTRAV 26
2/15649	BASORTRAV 26
2/15650	BASORTRAV 26
2/15651	BASORTRAV 26
2/15652	BASORTRAV 26
2/15653	BASORTRAV 26
2/15654	BASORTRAV 26
2/15655	BASORTRAV 26
2/15656	BASORTRAV 26
2/15657	BASORTRAV 29
2/15658	BASORTRAV 29
2/15659	BASORTRAV 29
2/15660	BASORTRAV 29
2/15661	BASORTRAV 29
2/15662	BASORTRAV 29
2/15663	BASORTRAV 29
2/15664	BASORTRAV 29
2/15665	BASORTRAV 29
2/15666	BASORTRAV 29
2/15667	BASORTRAV 29
2/15668	BASORTRAV 29
2/15669	BASORTRAV 29
2/15670	BASORTRAV 29
2/15671	BASORTRAV 29
2/15672	BASORTRAV 29
2/15673	BASORTRAV 29
2/15674	BASORTRAV 29

REF.	Family / Pg.
2/15675	BASORTRAV 29
2/15676	BASORTRAV 29
2/15677	BASORTRAV 29
2/15678	BASORTRAV 29
2/15679	BASORTRAV 29
2/15680	BASORTRAV 29
2/15681	BASORTRAV 29
2/15682	BASORTRAV 29
2/15683	BASORTRAV 29
2/15684	BASORTRAV 29
2/15685	BASORTRAV 29
2/15686	BASORTRAV 29
2/15687	BASORTRAV 29
2/15688	BASORTRAV 29
2/15689	BASORTRAV 29
2/15690	BASORTRAV 29
2/15691	BASORTRAV 29
2/15692	BASORTRAV 29
2/15693	BASORTRAV 29
2/15694	BASORTRAV 29
2/15695	BASORTRAV 29
2/15696	BASORTRAV 29
2/15697	BASORTRAV 29
2/15698	BASORTRAV 29
2/15699	BASORTRAV 29
2/15700	BASORTRAV 29
2/15701	BASORTRAV 29
2/15702	BASORTRAV 29
2/15703	BASORTRAV 29
2/15704	BASORTRAV 29
2/15705	BASORTRAV 29
2/15706	BASORTRAV 29
2/15707	BASORTRAV 29
2/15708	BASORTRAV 29
2/15709	BASORTRAV 30
2/15710	BASORTRAV 30
2/15711	BASORTRAV 30
2/15712	BASORTRAV 30
2/15713	BASORTRAV 30
2/15714	BASORTRAV 30
2/15715	BASORTRAV 30
2/15716	BASORTRAV 30
2/15717	BASORTRAV 30
2/15718	BASORTRAV 30
2/15719	BASORTRAV 30
2/15720	BASORTRAV 30
2/15721	BASORTRAV 30
2/15722	BASORTRAV 30
2/15723	BASORTRAV 30
2/15724	BASORTRAV 30
2/15725	BASORTRAV 30
2/15726	BASORTRAV 30
2/15727	BASORTRAV 30
2/15728	BASORTRAV 30
2/15729	BASORTRAV 30
2/15730	BASORTRAV 30
2/15731	BASORTRAV 30
2/15732	BASORTRAV 30

REF.	Family / Pg.
2/15733	BASORTRAV 30
2/15734	BASORTRAV 30
2/15735	BASORTRAV 30
2/15736	BASORTRAV 30
2/15737	BASORTRAV 30
2/15738	BASORTRAV 30
2/15739	BASORTRAV 30
2/15740	BASORTRAV 30
2/15741	BASORTRAV 30
2/15742	BASORTRAV 30
2/15743	BASORTRAV 30
2/15744	BASORTRAV 30
2/15745	BASORTRAV 30
2/15746	BASORTRAV 30
2/15747	BASORTRAV 30
2/15748	BASORTRAV 30
2/15749	BASORTRAV 30
2/15750	BASORTRAV 30
2/15751	BASORTRAV 30
2/15752	BASORTRAV 30
2/15753	BASORTRAV 30
2/15754	BASORTRAV 30
2/15755	BASORTRAV 30
2/15756	BASORTRAV 30
2/15757	BASORTRAV 30
2/15758	BASORTRAV 30
2/15759	BASORTRAV 33
2/15760	BASORTRAV 33
2/15761	BASORTRAV 33
2/15762	BASORTRAV 33
2/15763	BASORTRAV 33
2/15764	BASORTRAV 33
2/15765	BASORTRAV 33
2/15766	BASORTRAV 33
2/15767	BASORTRAV 33
2/15768	BASORTRAV 33
2/15769	BASORTRAV 33
2/15770	BASORTRAV 33
2/15771	BASORTRAV 33
2/15772	BASORTRAV 33
2/15773	BASORTRAV 33
2/15774	BASORTRAV 33
2/15775	BASORTRAV 33
2/15776	BASORTRAV 33
2/15777	BASORTRAV 33
2/15778	BASORTRAV 33
2/15779	BASORTRAV 33
2/15780	BASORTRAV 33
2/15781	BASORTRAV 33
2/15782	BASORTRAV 33
2/15783	BASORTRAV 33
2/15784	BASORTRAV 33
2/15785	BASORTRAV 33
2/15786	BASORTRAV 33
2/15787	BASORTRAV 33
2/15788	BASORTRAV 33
2/15789	BASORTRAV 33
2/15790	BASORTRAV 33

REF.	Family / Pg.
2/15791	BASORTRAV 33
2/15792	BASORTRAV 33
2/15793	BASORTRAV 33
2/15794	BASORTRAV 33
2/15795	BASORTRAV 33
2/15796	BASORTRAV 33
2/15797	BASORTRAV 33
2/15798	BASORTRAV 33
2/15799	BASORTRAV 33
2/15800	BASORTRAV 33
2/15801	BASORTRAV 33
2/15802	BASORTRAV 33
2/15803	BASORTRAV 33
2/15804	BASORTRAV 33
2/15805	BASORTRAV 33
2/15806	BASORTRAV 33
2/15807	BASORTRAV 33
2/15808	BASORTRAV 33
2/15809	BASORTRAV 33
2/15810	BASORTRAV 33
2/15811	BASORTRAV 34
2/15812	BASORTRAV 34
2/15813	BASORTRAV 34
2/15814	BASORTRAV 34
2/15815	BASORTRAV 34
2/15816	BASORTRAV 34
2/15817	BASORTRAV 34
2/15818	BASORTRAV 34
2/15819	BASORTRAV 34
2/15820	BASORTRAV 34
2/15821	BASORTRAV 34
2/15822	BASORTRAV 34
2/15823	BASORTRAV 34
2/15824	BASORTRAV 34
2/15825	BASORTRAV 34
2/15826	BASORTRAV 34
2/15827	BASORTRAV 34
2/15828	BASORTRAV 34
2/15829	BASORTRAV 34
2/15830	BASORTRAV 34
2/15831	BASORTRAV 34
2/15832	BASORTRAV 34
2/15833	BASORTRAV 34
2/15834	BASORTRAV 34
2/15835	BASORTRAV 34
2/15836	BASORTRAV 34
2/15837	BASORTRAV 34
2/15838	BASORTRAV 34
2/15839	BASORTRAV 34
2/15840	BASORTRAV 34
2/15841	BASORTRAV 34
2/15842	BASORTRAV 34
2/15843	BASORTRAV 34
2/15844	BASORTRAV 34
2/15845	BASORTRAV 34
2/15846	BASORTRAV 34
2/15847	BASORTRAV 34
2/15848	BASORTRAV 34

REF.	Family / Pg.
2/15849	BASORTRAV 34
2/15850	BASORTRAV 34
2/15851	BASORTRAV 34
2/15852	BASORTRAV 34
2/15853	BASORTRAV 34
2/15854	BASORTRAV 34
2/15855	BASORTRAV 34
2/15856	BASORTRAV 34
2/15857	BASORTRAV 34
2/15858	BASORTRAV 34
2/15859	BASORTRAV 34
2/15860	BASORTRAV 34
2/15861	BASORTRAV 35
2/15862	BASORTRAV 35
2/15863	BASORTRAV 35
2/15864	BASORTRAV 35
2/15865	BASORTRAV 35
2/15866	BASORTRAV 35
2/15867	BASORTRAV 35
2/15868	BASORTRAV 35
2/15869	BASORTRAV 35
2/15870	BASORTRAV 35
2/15871	BASORTRAV 35
2/15872	BASORTRAV 35
2/15873	BASORTRAV 35
2/15874	BASORTRAV 35
2/15875	BASORTRAV 35
2/15876	BASORTRAV 35
2/15877	BASORTRAV 35
2/15878	BASORTRAV 35
2/15879	BASORTRAV 35
2/15880	BASORTRAV 35
2/15881	BASORTRAV 35
2/15882	BASORTRAV 35
2/15883	BASORTRAV 35
2/15884	BASORTRAV 35
2/15885	BASORTRAV 35
2/15886	BASORTRAV 35
2/15887	BASORTRAV 36
2/15888	BASORTRAV 36
2/15889	BASORTRAV 36
2/15890	BASORTRAV 36
2/15891	BASORTRAV 36
2/15892	BASORTRAV 36
2/15893	BASORTRAV 36
2/15894	BASORTRAV 36
2/15895	BASORTRAV 36
2/15896	BASORTRAV 36
2/15897	BASORTRAV 36
2/15898	BASORTRAV 36
2/15899	BASORTRAV 36
2/15900	BASORTRAV 36
2/15901	BASORTRAV 36
2/15902	BASORTRAV 36
2/15903	BASORTRAV 36
2/15904	BASORTRAV 36
2/15905	BASORTRAV 36
2/15906	BASORTRAV 36

REF.	Family / Pg.
2/15907	BASORTRAV 36
2/15908	BASORTRAV 36
2/15909	BASORTRAV 36
2/15910	BASORTRAV 36
2/15911	BASORTRAV 36
2/15912	BASORTRAV 36
2/15920	BASORTRAV 37
2/15921	BASORTRAV 37
2/15922	BASORTRAV 37
2/15923	BASORTRAV 37
2/15924	BASORTRAV 37
2/15925	BASORTRAV 37
2/15926	BASORTRAV 37
2/15927	BASORTRAV 37
2/15928	BASORTRAV 37
2/15929	BASORTRAV 37
2/15930	BASORTRAV 37
2/15931	BASORTRAV 37
2/15932	BASORTRAV 37
2/15933	BASORTRAV 37
2/15934	BASORTRAV 37
2/15935	BASORTRAV 37
2/15936	BASORTRAV 37
2/15937	BASORTRAV 37
2/15938	BASORTRAV 37
2/15946	BASORTRAV 37
2/15947	BASORTRAV 37
2/15948	BASORTRAV 37
2/15949	BASORTRAV 37
2/15950	BASORTRAV 37
2/15951	BASORTRAV 37
2/15952	BASORTRAV 37
2/15953	BASORTRAV 37
2/15954	BASORTRAV 37
2/15955	BASORTRAV 37
2/15956	BASORTRAV 37
2/15957	BASORTRAV 37
2/15958	BASORTRAV 37
2/15959	BASORTRAV 37
2/15960	BASORTRAV 37
2/15961	BASORTRAV 37
2/15962	BASORTRAV 37
2/15963	BASORTRAV 37
2/15964	BASORTRAV 37
2/15972	BASORTRAV 38
2/15973	BASORTRAV 38
2/15974	BASORTRAV 38
2/15975	BASORTRAV 38
2/15976	BASORTRAV 38
2/15977	BASORTRAV 38
2/15978	BASORTRAV 38
2/15979	BASORTRAV 38
2/15980	BASORTRAV 38
2/15981	BASORTRAV 38
2/15982	BASORTRAV 38
2/15983	BASORTRAV 38
2/15984	BASORTRAV 38
2/15985	BASORTRAV 38

REF.	Family / Pg.
2/15986	BASORTRAV 38
2/15987	BASORTRAV 38
2/15988	BASORTRAV 38
2/15989	BASORTRAV 38
2/15990	BASORTRAV 38
2/15998	BASORTRAV 38
2/15999	BASORTRAV 38
2/16000	BASORTRAV 38
2/16001	BASORTRAV 38
2/16002	BASORTRAV 38
2/16003	BASORTRAV 38
2/16004	BASORTRAV 38
2/16005	BASORTRAV 38
2/16006	BASORTRAV 38
2/16007	BASORTRAV 38
2/16008	BASORTRAV 38
2/16009	BASORTRAV 38
2/16010	BASORTRAV 38
2/16011	BASORTRAV 38
2/16012	BASORTRAV 38
2/16013	BASORTRAV 38
2/16014	BASORTRAV 38
2/16015	BASORTRAV 38
2/16016	BASORTRAV 38
2/16024	BASORTRAV 41
2/16025	BASORTRAV 41
2/16026	BASORTRAV 41
2/16027	BASORTRAV 41
2/16028	BASORTRAV 41
2/16029	BASORTRAV 41
2/16030	BASORTRAV 41
2/16031	BASORTRAV 41
2/16032	BASORTRAV 41
2/16033	BASORTRAV 41
2/16034	BASORTRAV 41
2/16035	BASORTRAV 41
2/16036	BASORTRAV 41
2/16037	BASORTRAV 41
2/16038	BASORTRAV 41
2/16039	BASORTRAV 41
2/16040	BASORTRAV 41
2/16041	BASORTRAV 41
2/16042	BASORTRAV 41
2/16050	BASORTRAV 41
2/16051	BASORTRAV 41
2/16052	BASORTRAV 41
2/16053	BASORTRAV 41
2/16054	BASORTRAV 41
2/16055	BASORTRAV 41
2/16056	BASORTRAV 41
2/16057	BASORTRAV 41
2/16058	BASORTRAV 41
2/16059	BASORTRAV 41
2/16060	BASORTRAV 41
2/16061	BASORTRAV 41
2/16062	BASORTRAV 41
2/16063	BASORTRAV 41
2/16064	BASORTRAV 41

REF.	Family / Pg.
2/16065	BASORTRAV 41
2/16066	BASORTRAV 41
2/16067	BASORTRAV 41
2/16068	BASORTRAV 41
2/16076	BASORTRAV 42
2/16077	BASORTRAV 42
2/16078	BASORTRAV 42
2/16079	BASORTRAV 42
2/16080	BASORTRAV 42
2/16081	BASORTRAV 42
2/16082	BASORTRAV 42
2/16083	BASORTRAV 42
2/16084	BASORTRAV 42
2/16085	BASORTRAV 42
2/16086	BASORTRAV 42
2/16087	BASORTRAV 42
2/16088	BASORTRAV 42
2/16089	BASORTRAV 42
2/16090	BASORTRAV 42
2/16091	BASORTRAV 42
2/16092	BASORTRAV 42
2/16093	BASORTRAV 42
2/16094	BASORTRAV 42
2/16102	BASORTRAV 42
2/16103	BASORTRAV 42
2/16104	BASORTRAV 42
2/16105	BASORTRAV 42
2/16106	BASORTRAV 42
2/16107	BASORTRAV 42
2/16108	BASORTRAV 42
2/16109	BASORTRAV 42
2/16110	BASORTRAV 42
2/16111	BASORTRAV 42
2/16112	BASORTRAV 42
2/16113	BASORTRAV 42
2/16114	BASORTRAV 42
2/16115	BASORTRAV 42
2/16116	BASORTRAV 42
2/16117	BASORTRAV 42
2/16118	BASORTRAV 42
2/16119	BASORTRAV 42
2/16120	BASORTRAV 42
2/16128	BASORTRAV 45
2/16129	BASORTRAV 45
2/16130	BASORTRAV 45
2/16131	BASORTRAV 45
2/16132	BASORTRAV 45
2/16133	BASORTRAV 45
2/16134	BASORTRAV 45
2/16135	BASORTRAV 45
2/16136	BASORTRAV 45
2/16137	BASORTRAV 45
2/16138	BASORTRAV 45
2/16139	BASORTRAV 45
2/16140	BASORTRAV 45
2/16141	BASORTRAV 45
2/16142	BASORTRAV 45
2/16143	BASORTRAV 45

REF.	Family / Pg.
2/16144	BASORTRAV 45
2/16145	BASORTRAV 45
2/16146	BASORTRAV 45
2/16154	BASORTRAV 45
2/16155	BASORTRAV 45
2/16156	BASORTRAV 45
2/16157	BASORTRAV 45
2/16158	BASORTRAV 45
2/16159	BASORTRAV 45
2/16160	BASORTRAV 45
2/16161	BASORTRAV 45
2/16162	BASORTRAV 45
2/16163	BASORTRAV 45
2/16164	BASORTRAV 45
2/16165	BASORTRAV 45
2/16166	BASORTRAV 45
2/16167	BASORTRAV 45
2/16168	BASORTRAV 45
2/16169	BASORTRAV 45
2/16170	BASORTRAV 45
2/16171	BASORTRAV 45
2/16172	BASORTRAV 45
2/16180	BASORTRAV 46
2/16181	BASORTRAV 46
2/16182	BASORTRAV 46
2/16183	BASORTRAV 46
2/16184	BASORTRAV 46
2/16185	BASORTRAV 46
2/16186	BASORTRAV 46
2/16187	BASORTRAV 46
2/16188	BASORTRAV 46
2/16189	BASORTRAV 46
2/16190	BASORTRAV 46
2/16191	BASORTRAV 46
2/16192	BASORTRAV 46
2/16193	BASORTRAV 46
2/16194	BASORTRAV 46
2/16195	BASORTRAV 46
2/16196	BASORTRAV 46
2/16197	BASORTRAV 46
2/16198	BASORTRAV 46
2/16206	BASORTRAV 46
2/16207	BASORTRAV 46
2/16208	BASORTRAV 46
2/16209	BASORTRAV 46
2/16210	BASORTRAV 46
2/16211	BASORTRAV 46
2/16212	BASORTRAV 46
2/16213	BASORTRAV 46
2/16214	BASORTRAV 46
2/16215	BASORTRAV 46
2/16216	BASORTRAV 46
2/16217	BASORTRAV 46
2/16218	BASORTRAV 46
2/16219	BASORTRAV 46
2/16220	BASORTRAV 46
2/16221	BASORTRAV 46
2/16222	BASORTRAV 46

REF.	Family / Pg.
2/16223	BASORTRAV 46
2/16224	BASORTRAV 46
2/16232	BASORTRAV 49
2/16233	BASORTRAV 49
2/16234	BASORTRAV 49
2/16235	BASORTRAV 49
2/16236	BASORTRAV 49
2/16237	BASORTRAV 49
2/16238	BASORTRAV 49
2/16239	BASORTRAV 49
2/16240	BASORTRAV 49
2/16241	BASORTRAV 49
2/16242	BASORTRAV 49
2/16243	BASORTRAV 49
2/16244	BASORTRAV 49
2/16245	BASORTRAV 49
2/16246	BASORTRAV 49
2/16247	BASORTRAV 49
2/16248	BASORTRAV 49
2/16249	BASORTRAV 49
2/16250	BASORTRAV 49
2/16258	BASORTRAV 50
2/16259	BASORTRAV 50
2/16260	BASORTRAV 50
2/16261	BASORTRAV 50
2/16262	BASORTRAV 50
2/16263	BASORTRAV 50
2/16264	BASORTRAV 50
2/16265	BASORTRAV 50
2/16266	BASORTRAV 50
2/16267	BASORTRAV 50
2/16268	BASORTRAV 50
2/16269	BASORTRAV 50
2/16270	BASORTRAV 50
2/16271	BASORTRAV 50
2/16272	BASORTRAV 50
2/16273	BASORTRAV 50
2/16274	BASORTRAV 50
2/16275	BASORTRAV 50
2/16276	BASORTRAV 50
2/16284	BASORTRAV 39
2/16285	BASORTRAV 39
2/16286	BASORTRAV 39
2/16287	BASORTRAV 39
2/16288	BASORTRAV 39
2/16289	BASORTRAV 39
2/16290	BASORTRAV 39
2/16291	BASORTRAV 39
2/16292	BASORTRAV 39
2/16293	BASORTRAV 39
2/16294	BASORTRAV 39
2/16295	BASORTRAV 39
2/16296	BASORTRAV 39
2/16297	BASORTRAV 39
2/16298	BASORTRAV 39
2/16299	BASORTRAV 39
2/16300	BASORTRAV 39
2/16301	BASORTRAV 39

REF.	Family / Pg.
2/16302	BASORTRAV 39
2/16310	BASORTRAV 39
2/16311	BASORTRAV 39
2/16312	BASORTRAV 39
2/16313	BASORTRAV 39
2/16314	BASORTRAV 39
2/16315	BASORTRAV 39
2/16316	BASORTRAV 39
2/16317	BASORTRAV 39
2/16318	BASORTRAV 39
2/16319	BASORTRAV 39
2/16320	BASORTRAV 39
2/16321	BASORTRAV 39
2/16322	BASORTRAV 39
2/16323	BASORTRAV 39
2/16324	BASORTRAV 39
2/16325	BASORTRAV 39
2/16326	BASORTRAV 39
2/16327	BASORTRAV 39
2/16328	BASORTRAV 39
2/16336	BASORTRAV 40
2/16337	BASORTRAV 40
2/16338	BASORTRAV 40
2/16339	BASORTRAV 40
2/16340	BASORTRAV 40
2/16341	BASORTRAV 40
2/16342	BASORTRAV 40
2/16343	BASORTRAV 40
2/16344	BASORTRAV 40
2/16345	BASORTRAV 40
2/16346	BASORTRAV 40
2/16347	BASORTRAV 40
2/16348	BASORTRAV 40
2/16349	BASORTRAV 40
2/16350	BASORTRAV 40
2/16351	BASORTRAV 40
2/16352	BASORTRAV 40
2/16353	BASORTRAV 40
2/16354	BASORTRAV 40
2/16362	BASORTRAV 40
2/16363	BASORTRAV 40
2/16364	BASORTRAV 40
2/16365	BASORTRAV 40
2/16366	BASORTRAV 40
2/16367	BASORTRAV 40
2/16368	BASORTRAV 40
2/16369	BASORTRAV 40
2/16370	BASORTRAV 40
2/16371	BASORTRAV 40
2/16372	BASORTRAV 40
2/16373	BASORTRAV 40
2/16374	BASORTRAV 40
2/16375	BASORTRAV 40
2/16376	BASORTRAV 40
2/16377	BASORTRAV 40
2/16378	BASORTRAV 40
2/16379	BASORTRAV 40
2/16380	BASORTRAV 40

REF.	Family / Pg.
2/16388	BASORTRAV 43
2/16389	BASORTRAV 43
2/16390	BASORTRAV 43
2/16391	BASORTRAV 43
2/16392	BASORTRAV 43
2/16393	BASORTRAV 43
2/16394	BASORTRAV 43
2/16395	BASORTRAV 43
2/16396	BASORTRAV 43
2/16397	BASORTRAV 43
2/16398	BASORTRAV 43
2/16399	BASORTRAV 43
2/16400	BASORTRAV 43
2/16401	BASORTRAV 43
2/16402	BASORTRAV 43
2/16403	BASORTRAV 43
2/16404	BASORTRAV 43
2/16405	BASORTRAV 43
2/16406	BASORTRAV 43
2/16414	BASORTRAV 43
2/16415	BASORTRAV 43
2/16416	BASORTRAV 43
2/16417	BASORTRAV 43
2/16418	BASORTRAV 43
2/16419	BASORTRAV 43
2/16420	BASORTRAV 43
2/16421	BASORTRAV 43
2/16422	BASORTRAV 43
2/16423	BASORTRAV 43
2/16424	BASORTRAV 43
2/16425	BASORTRAV 43
2/16426	BASORTRAV 43
2/16427	BASORTRAV 43
2/16428	BASORTRAV 43
2/16429	BASORTRAV 43
2/16430	BASORTRAV 43
2/16431	BASORTRAV 43
2/16432	BASORTRAV 43
2/16440	BASORTRAV 44
2/16441	BASORTRAV 44
2/16442	BASORTRAV 44
2/16443	BASORTRAV 44
2/16444	BASORTRAV 44
2/16445	BASORTRAV 44
2/16446	BASORTRAV 44
2/16447	BASORTRAV 44
2/16448	BASORTRAV 44
2/16449	BASORTRAV 44
2/16450	BASORTRAV 44
2/16451	BASORTRAV 44
2/16452	BASORTRAV 44
2/16453	BASORTRAV 44
2/16454	BASORTRAV 44
2/16455	BASORTRAV 44
2/16456	BASORTRAV 44
2/16457	BASORTRAV 44
2/16458	BASORTRAV 44
2/16466	BASORTRAV 44

REF.	Family / Pg.
2/16467	BASORTRAV 44
2/16468	BASORTRAV 44
2/16469	BASORTRAV 44
2/16470	BASORTRAV 44
2/16471	BASORTRAV 44
2/16472	BASORTRAV 44
2/16473	BASORTRAV 44
2/16474	BASORTRAV 44
2/16475	BASORTRAV 44
2/16476	BASORTRAV 44
2/16477	BASORTRAV 44
2/16478	BASORTRAV 44
2/16479	BASORTRAV 44
2/16480	BASORTRAV 44
2/16481	BASORTRAV 44
2/16482	BASORTRAV 44
2/16483	BASORTRAV 44
2/16484	BASORTRAV 44
2/16492	BASORTRAV 47
2/16493	BASORTRAV 47
2/16494	BASORTRAV 47
2/16495	BASORTRAV 47
2/16496	BASORTRAV 47
2/16497	BASORTRAV 47
2/16498	BASORTRAV 47
2/16499	BASORTRAV 47
2/16500	BASORTRAV 47
2/16501	BASORTRAV 47
2/16502	BASORTRAV 47
2/16503	BASORTRAV 47
2/16504	BASORTRAV 47
2/16505	BASORTRAV 47
2/16506	BASORTRAV 47
2/16507	BASORTRAV 47
2/16508	BASORTRAV 47
2/16509	BASORTRAV 47
2/16510	BASORTRAV 47
2/16518	BASORTRAV 47
2/16519	BASORTRAV 47
2/16520	BASORTRAV 47
2/16521	BASORTRAV 47
2/16522	BASORTRAV 47
2/16523	BASORTRAV 47
2/16524	BASORTRAV 47
2/16525	BASORTRAV 47
2/16526	BASORTRAV 47
2/16527	BASORTRAV 47
2/16528	BASORTRAV 47
2/16529	BASORTRAV 47
2/16530	BASORTRAV 47
2/16531	BASORTRAV 47
2/16532	BASORTRAV 47
2/16533	BASORTRAV 47
2/16534	BASORTRAV 47
2/16535	BASORTRAV 47
2/16536	BASORTRAV 47
2/16544	BASORTRAV 48
2/16545	BASORTRAV 48

REF.	Family / Pg.
2/16546	BASORTRAV 48
2/16547	BASORTRAV 48
2/16548	BASORTRAV 48
2/16549	BASORTRAV 48
2/16550	BASORTRAV 48
2/16551	BASORTRAV 48
2/16552	BASORTRAV 48
2/16553	BASORTRAV 48
2/16554	BASORTRAV 48
2/16555	BASORTRAV 48
2/16556	BASORTRAV 48
2/16557	BASORTRAV 48
2/16558	BASORTRAV 48
2/16559	BASORTRAV 48
2/16560	BASORTRAV 48
2/16561	BASORTRAV 48
2/16562	BASORTRAV 48
2/16570	BASORTRAV 48
2/16571	BASORTRAV 48
2/16572	BASORTRAV 48
2/16573	BASORTRAV 48
2/16574	BASORTRAV 48
2/16575	BASORTRAV 48
2/16576	BASORTRAV 48
2/16577	BASORTRAV 48
2/16578	BASORTRAV 48
2/16579	BASORTRAV 48
2/16580	BASORTRAV 48
2/16581	BASORTRAV 48
2/16582	BASORTRAV 48
2/16583	BASORTRAV 48
2/16584	BASORTRAV 48
2/16585	BASORTRAV 48
2/16586	BASORTRAV 48
2/16587	BASORTRAV 48
2/16588	BASORTRAV 48
2/16596	BASORTRAV 49
2/16597	BASORTRAV 49
2/16598	BASORTRAV 49
2/16599	BASORTRAV 49
2/16600	BASORTRAV 49
2/16601	BASORTRAV 49
2/16602	BASORTRAV 49
2/16603	BASORTRAV 49
2/16604	BASORTRAV 49
2/16605	BASORTRAV 49
2/16606	BASORTRAV 49
2/16607	BASORTRAV 49
2/16608	BASORTRAV 49
2/16609	BASORTRAV 49
2/16610	BASORTRAV 49
2/16611	BASORTRAV 49
2/16612	BASORTRAV 49
2/16613	BASORTRAV 49
2/16614	BASORTRAV 49
2/16622	BASORTRAV 50
2/16623	BASORTRAV 50
2/16624	BASORTRAV 50

REF.	Family / Pg.
2/16625	BASORTRAV 50
2/16626	BASORTRAV 50
2/16627	BASORTRAV 50
2/16628	BASORTRAV 50
2/16629	BASORTRAV 50
2/16630	BASORTRAV 50
2/16631	BASORTRAV 50
2/16632	BASORTRAV 50
2/16633	BASORTRAV 50
2/16634	BASORTRAV 50
2/16635	BASORTRAV 50
2/16636	BASORTRAV 50
2/16637	BASORTRAV 50
2/16638	BASORTRAV 50
2/16639	BASORTRAV 50
2/16640	BASORTRAV 50
2/16641	BASORTRAV 64
2/16642	BASORTRAV 64
2/16643	BASORTRAV 64
2/16644	BASORTRAV 64
2/16645	BASORTRAV 64
2/16646	BASORTRAV 64
2/16647	BASORTRAV 64
2/16648	BASORTRAV 64
2/16649	BASORTRAV 64
2/16650	BASORTRAV 64
2/16651	BASORTRAV 64
2/16652	BASORTRAV 64
2/16653	BASORTRAV 64
2/16654	BASORTRAV 64
2/16655	BASORTRAV 64
2/16656	BASORTRAV 64
2/16657	BASORTRAV 64
2/16658	BASORTRAV 64
2/16659	BASORTRAV 64
2/16660	BASORTRAV 64
2/16661	BASORTRAV 64
2/16662	BASORTRAV 64
2/16663	BASORTRAV 64
2/16664	BASORTRAV 64
2/16665	BASORTRAV 64
2/16666	BASORTRAV 65
2/16667	BASORTRAV 65
2/16668	BASORTRAV 65
2/16669	BASORTRAV 65
2/16670	BASORTRAV 65
2/16671	BASORTRAV 65
2/16672	BASORTRAV 65
2/16673	BASORTRAV 65
2/16674	BASORTRAV 65
2/16675	BASORTRAV 65
2/16676	BASORTRAV 65
2/16677	BASORTRAV 65
2/16678	BASORTRAV 65
2/16679	BASORTRAV 65
2/16680	BASORTRAV 65
2/16681	BASORTRAV 65
2/16682	BASORTRAV 65

REF.	Family / Pg.
2/16683	BASORTRAV 65
2/16684	BASORTRAV 65
2/16685	BASORTRAV 65
2/16686	BASORTRAV 65
2/16687	BASORTRAV 65
2/16688	BASORTRAV 65
2/16689	BASORTRAV 65
2/16690	BASORTRAV 65
2/16691	BASORTRAV 66
2/16692	BASORTRAV 66
2/16693	BASORTRAV 66
2/16694	BASORTRAV 66
2/16695	BASORTRAV 66
2/16696	BASORTRAV 66
2/16697	BASORTRAV 66
2/16698	BASORTRAV 66
2/16699	BASORTRAV 66
2/16700	BASORTRAV 66
2/16701	BASORTRAV 66
2/16702	BASORTRAV 66
2/16703	BASORTRAV 66
2/16704	BASORTRAV 66
2/16705	BASORTRAV 66
2/16706	BASORTRAV 66
2/16707	BASORTRAV 66
2/16708	BASORTRAV 66
2/16709	BASORTRAV 66
2/16710	BASORTRAV 66
2/16711	BASORTRAV 66
2/16712	BASORTRAV 66
2/16713	BASORTRAV 66
2/16714	BASORTRAV 66
2/16715	BASORTRAV 66
2/16716	BASORTRAV 67
2/16717	BASORTRAV 67
2/16718	BASORTRAV 67
2/16719	BASORTRAV 67
2/16720	BASORTRAV 67
2/16721	BASORTRAV 67
2/16722	BASORTRAV 67
2/16723	BASORTRAV 67
2/16724	BASORTRAV 67
2/16725	BASORTRAV 67
2/16726	BASORTRAV 67
2/16727	BASORTRAV 67
2/16728	BASORTRAV 67
2/16729	BASORTRAV 67
2/16730	BASORTRAV 67
2/16731	BASORTRAV 67
2/16732	BASORTRAV 67
2/16733	BASORTRAV 67
2/16734	BASORTRAV 67
2/16735	BASORTRAV 67
2/16736	BASORTRAV 67
2/16737	BASORTRAV 67
2/16738	BASORTRAV 67
2/16739	BASORTRAV 67
2/16740	BASORTRAV 67

REF.	Family / Pg.
2/16741	BASORTRAV 68
2/16742	BASORTRAV 68
2/16743	BASORTRAV 68
2/16744	BASORTRAV 68
2/16745	BASORTRAV 68
2/16746	BASORTRAV 68
2/16747	BASORTRAV 68
2/16748	BASORTRAV 68
2/16749	BASORTRAV 68
2/16750	BASORTRAV 68
2/16751	BASORTRAV 68
2/16752	BASORTRAV 68
2/16753	BASORTRAV 68
2/16754	BASORTRAV 68
2/16755	BASORTRAV 68
2/16756	BASORTRAV 68
2/16757	BASORTRAV 68
2/16758	BASORTRAV 68
2/16759	BASORTRAV 68
2/16760	BASORTRAV 68
2/16761	BASORTRAV 68
2/16762	BASORTRAV 68
2/16763	BASORTRAV 68
2/16764	BASORTRAV 68
2/16765	BASORTRAV 68
2/16766	BASORTRAV 64
2/16767	BASORTRAV 64
2/16768	BASORTRAV 64
2/16769	BASORTRAV 64
2/16770	BASORTRAV 64
2/16771	BASORTRAV 64
2/16772	BASORTRAV 64
2/16773	BASORTRAV 64
2/16774	BASORTRAV 64
2/16775	BASORTRAV 64
2/16776	BASORTRAV 64
2/16777	BASORTRAV 64
2/16778	BASORTRAV 64
2/16779	BASORTRAV 64
2/16780	BASORTRAV 64
2/16781	BASORTRAV 64
2/16782	BASORTRAV 64
2/16783	BASORTRAV 64
2/16784	BASORTRAV 64
2/16785	BASORTRAV 64
2/16786	BASORTRAV 64
2/16787	BASORTRAV 64
2/16788	BASORTRAV 64
2/16789	BASORTRAV 64
2/16790	BASORTRAV 64
2/16791	BASORTRAV 65
2/16792	BASORTRAV 65
2/16793	BASORTRAV 65
2/16794	BASORTRAV 65
2/16795	BASORTRAV 65
2/16796	BASORTRAV 65
2/16797	BASORTRAV 65
2/16798	BASORTRAV 65

REF.	Family / Pg.
2/16799	BASORTRAV 65
2/16800	BASORTRAV 65
2/16801	BASORTRAV 65
2/16802	BASORTRAV 65
2/16803	BASORTRAV 65
2/16804	BASORTRAV 65
2/16805	BASORTRAV 65
2/16806	BASORTRAV 65
2/16807	BASORTRAV 65
2/16808	BASORTRAV 65
2/16809	BASORTRAV 65
2/16810	BASORTRAV 65
2/16811	BASORTRAV 65
2/16812	BASORTRAV 65
2/16813	BASORTRAV 65
2/16814	BASORTRAV 65
2/16815	BASORTRAV 65
2/16816	BASORTRAV 66
2/16817	BASORTRAV 66
2/16818	BASORTRAV 66
2/16819	BASORTRAV 66
2/16820	BASORTRAV 66
2/16821	BASORTRAV 66
2/16822	BASORTRAV 66
2/16823	BASORTRAV 66
2/16824	BASORTRAV 66
2/16825	BASORTRAV 66
2/16826	BASORTRAV 66
2/16827	BASORTRAV 66
2/16828	BASORTRAV 66
2/16829	BASORTRAV 66
2/16830	BASORTRAV 66
2/16831	BASORTRAV 66
2/16832	BASORTRAV 66
2/16833	BASORTRAV 66
2/16834	BASORTRAV 66
2/16835	BASORTRAV 66
2/16836	BASORTRAV 66
2/16837	BASORTRAV 66
2/16838	BASORTRAV 66
2/16839	BASORTRAV 66
2/16840	BASORTRAV 66
2/16841	BASORTRAV 67
2/16842	BASORTRAV 67
2/16843	BASORTRAV 67
2/16844	BASORTRAV 67
2/16845	BASORTRAV 67
2/16846	BASORTRAV 67
2/16847	BASORTRAV 67
2/16848	BASORTRAV 67
2/16849	BASORTRAV 67
2/16850	BASORTRAV 67
2/16851	BASORTRAV 67
2/16852	BASORTRAV 67
2/16853	BASORTRAV 67
2/16854	BASORTRAV 67
2/16855	BASORTRAV 67
2/16856	BASORTRAV 67

REF.	Family / Pg.
2/16857	BASORTRAV 67
2/16858	BASORTRAV 67
2/16859	BASORTRAV 67
2/16860	BASORTRAV 67
2/16861	BASORTRAV 67
2/16862	BASORTRAV 67
2/16863	BASORTRAV 67
2/16864	BASORTRAV 67
2/16865	BASORTRAV 67
2/16866	BASORTRAV 68
2/16867	BASORTRAV 68
2/16868	BASORTRAV 68
2/16869	BASORTRAV 68
2/16870	BASORTRAV 68
2/16871	BASORTRAV 68
2/16872	BASORTRAV 68
2/16873	BASORTRAV 68
2/16874	BASORTRAV 68
2/16875	BASORTRAV 68
2/16876	BASORTRAV 68
2/16877	BASORTRAV 68
2/16878	BASORTRAV 68
2/16879	BASORTRAV 68
2/16880	BASORTRAV 68
2/16881	BASORTRAV 68
2/16882	BASORTRAV 68
2/16883	BASORTRAV 68
2/16884	BASORTRAV 68
2/16885	BASORTRAV 68
2/16886	BASORTRAV 68
2/16887	BASORTRAV 68
2/16888	BASORTRAV 68
2/16889	BASORTRAV 68
2/16890	BASORTRAV 68
2/16891	BASORTRAV 64
2/16892	BASORTRAV 64
2/16893	BASORTRAV 64
2/16894	BASORTRAV 64
2/16895	BASORTRAV 64
2/16896	BASORTRAV 64
2/16897	BASORTRAV 64
2/16898	BASORTRAV 64
2/16899	BASORTRAV 64
2/16900	BASORTRAV 64
2/16901	BASORTRAV 64
2/16902	BASORTRAV 64
2/16903	BASORTRAV 64
2/16904	BASORTRAV 64
2/16905	BASORTRAV 64
2/16906	BASORTRAV 64
2/16907	BASORTRAV 64
2/16908	BASORTRAV 64
2/16909	BASORTRAV 64
2/16910	BASORTRAV 64
2/16911	BASORTRAV 64
2/16912	BASORTRAV 64
2/16913	BASORTRAV 64
2/16914	BASORTRAV 64

REF.	Family / Pg.
2/16915	BASORTRAV 64
2/16916	BASORTRAV 65
2/16917	BASORTRAV 65
2/16918	BASORTRAV 65
2/16919	BASORTRAV 65
2/16920	BASORTRAV 65
2/16921	BASORTRAV 65
2/16922	BASORTRAV 65
2/16923	BASORTRAV 65
2/16924	BASORTRAV 65
2/16925	BASORTRAV 65
2/16926	BASORTRAV 65
2/16927	BASORTRAV 65
2/16928	BASORTRAV 65
2/16929	BASORTRAV 65
2/16930	BASORTRAV 65
2/16931	BASORTRAV 65
2/16932	BASORTRAV 65
2/16933	BASORTRAV 65
2/16934	BASORTRAV 65
2/16935	BASORTRAV 65
2/16936	BASORTRAV 65
2/16937	BASORTRAV 65
2/16938	BASORTRAV 65
2/16939	BASORTRAV 65
2/16940	BASORTRAV 65
2/16941	BASORTRAV 66
2/16942	BASORTRAV 66
2/16943	BASORTRAV 66
2/16944	BASORTRAV 66
2/16945	BASORTRAV 66
2/16946	BASORTRAV 66
2/16947	BASORTRAV 66
2/16948	BASORTRAV 66
2/16949	BASORTRAV 66
2/16950	BASORTRAV 66
2/16951	BASORTRAV 66
2/16952	BASORTRAV 66
2/16953	BASORTRAV 66
2/16954	BASORTRAV 66
2/16955	BASORTRAV 66
2/16956	BASORTRAV 66
2/16957	BASORTRAV 66
2/16958	BASORTRAV 66
2/16959	BASORTRAV 66
2/16960	BASORTRAV 66
2/16961	BASORTRAV 66
2/16962	BASORTRAV 66
2/16963	BASORTRAV 66
2/16964	BASORTRAV 66
2/16965	BASORTRAV 66
2/16966	BASORTRAV 67
2/16967	BASORTRAV 67
2/16968	BASORTRAV 67
2/16969	BASORTRAV 67
2/16970	BASORTRAV 67
2/16971	BASORTRAV 67
2/16972	BASORTRAV 67

REF.	Family / Pg.
2/16973	BASORTRAV 67
2/16974	BASORTRAV 67
2/16975	BASORTRAV 67
2/16976	BASORTRAV 67
2/16977	BASORTRAV 67
2/16978	BASORTRAV 67
2/16979	BASORTRAV 67
2/16980	BASORTRAV 67
2/16981	BASORTRAV 67
2/16982	BASORTRAV 67
2/16983	BASORTRAV 67
2/16984	BASORTRAV 67
2/16985	BASORTRAV 67
2/16986	BASORTRAV 67
2/16987	BASORTRAV 67
2/16988	BASORTRAV 67
2/16989	BASORTRAV 67
2/16990	BASORTRAV 67
2/16991	BASORTRAV 68
2/16992	BASORTRAV 68
2/16993	BASORTRAV 68
2/16994	BASORTRAV 68
2/16995	BASORTRAV 68
2/16996	BASORTRAV 68
2/16997	BASORTRAV 68
2/16998	BASORTRAV 68
2/16999	BASORTRAV 68
2/17000	BASORTRAV 68
2/17001	BASORTRAV 68
2/17002	BASORTRAV 68
2/17003	BASORTRAV 68
2/17004	BASORTRAV 68
2/17005	BASORTRAV 68
2/17006	BASORTRAV 68
2/17007	BASORTRAV 68
2/17008	BASORTRAV 68
2/17009	BASORTRAV 68
2/17010	BASORTRAV 68
2/17011	BASORTRAV 68
2/17012	BASORTRAV 68
2/17013	BASORTRAV 68
2/17014	BASORTRAV 68
2/17015	BASORTRAV 68
2/17016	BASORTRAV 64
2/17017	BASORTRAV 64
2/17018	BASORTRAV 64
2/17019	BASORTRAV 64
2/17020	BASORTRAV 64
2/17021	BASORTRAV 64
2/17022	BASORTRAV 64
2/17023	BASORTRAV 64
2/17024	BASORTRAV 64
2/17025	BASORTRAV 64
2/17026	BASORTRAV 64
2/17027	BASORTRAV 64
2/17028	BASORTRAV 64
2/17029	BASORTRAV 64
2/17030	BASORTRAV 64

REF.	Family / Pg.
2/17031	BASORTRAV 64
2/17032	BASORTRAV 64
2/17033	BASORTRAV 64
2/17034	BASORTRAV 64
2/17035	BASORTRAV 64
2/17036	BASORTRAV 64
2/17037	BASORTRAV 64
2/17038	BASORTRAV 64
2/17039	BASORTRAV 64
2/17040	BASORTRAV 64
2/17041	BASORTRAV 65
2/17042	BASORTRAV 65
2/17043	BASORTRAV 65
2/17044	BASORTRAV 65
2/17045	BASORTRAV 65
2/17046	BASORTRAV 65
2/17047	BASORTRAV 65
2/17048	BASORTRAV 65
2/17049	BASORTRAV 65
2/17050	BASORTRAV 65
2/17051	BASORTRAV 65
2/17052	BASORTRAV 65
2/17053	BASORTRAV 65
2/17054	BASORTRAV 65
2/17055	BASORTRAV 65
2/17056	BASORTRAV 65
2/17057	BASORTRAV 65
2/17058	BASORTRAV 65
2/17059	BASORTRAV 65
2/17060	BASORTRAV 65
2/17061	BASORTRAV 65
2/17062	BASORTRAV 65
2/17063	BASORTRAV 65
2/17064	BASORTRAV 65
2/17065	BASORTRAV 65
2/17066	BASORTRAV 66
2/17067	BASORTRAV 66
2/17068	BASORTRAV 66
2/17069	BASORTRAV 66
2/17070	BASORTRAV 66
2/17071	BASORTRAV 66
2/17072	BASORTRAV 66
2/17073	BASORTRAV 66
2/17074	BASORTRAV 66
2/17075	BASORTRAV 66
2/17076	BASORTRAV 66
2/17077	BASORTRAV 66
2/17078	BASORTRAV 66
2/17079	BASORTRAV 66
2/17080	BASORTRAV 66
2/17081	BASORTRAV 66
2/17082	BASORTRAV 66
2/17083	BASORTRAV 66
2/17084	BASORTRAV 66
2/17085	BASORTRAV 66
2/17086	BASORTRAV 66
2/17087	BASORTRAV 66
2/17088	BASORTRAV 66

REF.	Family / Pg.
2/17089	BASORTRAV 66
2/17090	BASORTRAV 66
2/17091	BASORTRAV 67
2/17092	BASORTRAV 67
2/17093	BASORTRAV 67
2/17094	BASORTRAV 67
2/17095	BASORTRAV 67
2/17096	BASORTRAV 67
2/17097	BASORTRAV 67
2/17098	BASORTRAV 67
2/17099	BASORTRAV 67
2/17100	BASORTRAV 67
2/17101	BASORTRAV 67
2/17102	BASORTRAV 67
2/17103	BASORTRAV 67
2/17104	BASORTRAV 67
2/17105	BASORTRAV 67
2/17106	BASORTRAV 67
2/17107	BASORTRAV 67
2/17108	BASORTRAV 67
2/17109	BASORTRAV 67
2/17110	BASORTRAV 67
2/17111	BASORTRAV 67
2/17112	BASORTRAV 67
2/17113	BASORTRAV 67
2/17114	BASORTRAV 67
2/17115	BASORTRAV 67
2/17116	BASORTRAV 68
2/17117	BASORTRAV 68
2/17118	BASORTRAV 68
2/17119	BASORTRAV 68
2/17120	BASORTRAV 68
2/17121	BASORTRAV 68
2/17122	BASORTRAV 68
2/17123	BASORTRAV 68
2/17124	BASORTRAV 68
2/17125	BASORTRAV 68
2/17126	BASORTRAV 68
2/17127	BASORTRAV 68
2/17128	BASORTRAV 68
2/17129	BASORTRAV 68
2/17130	BASORTRAV 68
2/17131	BASORTRAV 68
2/17132	BASORTRAV 68
2/17133	BASORTRAV 68
2/17134	BASORTRAV 68
2/17135	BASORTRAV 68
2/17136	BASORTRAV 68
2/17137	BASORTRAV 68
2/17138	BASORTRAV 68
2/17139	BASORTRAV 68
2/17140	BASORTRAV 68
2/17141	BASORSUPPORT 9
2/17142	BASORSUPPORT 9
2/17143	BASORSUPPORT 9
2/17144	BASORSUPPORT 9
2/17145	BASORSUPPORT 9
2/17146	BASORSUPPORT 9

REF.	Family / Pg.
2/17147	BASORSUPPORT 9
2/17148	BASORSUPPORT 16, 22
2/17149	BASORSUPPORT 16, 22
2/17150	BASORSUPPORT 16, 22
2/17151	BASORTRAV 79, BASORSUPPORT 16
2/17152	BASORTRAV 79, BASORSUPPORT 16
2/17153	BASORTRAV 79, BASORSUPPORT 16
2/17154	BASORTRAV 79
2/17155	BASORTRAV 79
2/17156	BASORTRAV 79
2/17157	BASORTRAV 79
2/17158	BASORTRAV 79
2/17159	BASORTRAV 79
2/17160	BASORTRAV 80
2/17161	BASORTRAV 80
2/17162	BASORTRAV 80
2/17163	BASORTRAV 80
2/17164	BASORTRAV 80
2/17165	BASORTRAV 80
2/17166	BASORTRAV 80
2/17167	BASORTRAV 80
2/17168	BASORTRAV 80
2/17169	BASORTRAV 80
2/17170	BASORTRAV 80
2/17171	BASORTRAV 80
2/17172	BASORTRAV 80
2/17173	BASORTRAY 63
2/17174	BASORTRAY 63
2/17175	BASORTRAY 63
2/17176	BASORTRAY 63
2/17177	BASORTRAY 63
2/17178	BASORTRAY 63
2/17179	BASORTRAY 63
2/17180	BASORTRAY 63
2/17181	BASORTRAY 63
2/17182	BASORTRAY 63
2/17183	BASORTRAY 63
2/17184	BASORTRAY 63
2/17185	BASORTRAY 63
2/17186	BASORTRAY 63
2/17187	BASORTRAY 63
2/17188	BASORTRAY 63
2/17189	BASORTRAY 63
2/17190	BASORTRAY 63
2/17191	BASORTRAY 63
2/17192	BASORTRAY 63
2/17193	BASORTRAY 63
2/17194	BASORTRAY 63
2/17195	BASORTRAY 63
2/17196	BASORTRAY 63
2/17197	BASORTRAY 63
2/17198	BASORTRAY 63
2/17199	BASORTRAY 63
2/17200	BASORTRAY 63
2/17201	BASORTRAY 63

REF.	Family / Pg.
2/17202	BASORTRAY 63
2/17203	BASORTRAY 63
2/17204	BASORTRAY 63
2/17205	BASORTRAY 63
2/17206	BASORTRAY 63
2/17207	BASORTRAY 63
2/17208	BASORTRAY 63
2/17209	BASORTRAY 63
2/17210	BASORTRAY 63
2/17211	BASORTRAY 63
2/17212	BASORTRAY 63
2/17213	BASORTRAV 51
2/17214	BASORTRAV 51
2/17215	BASORTRAV 51
2/17216	BASORTRAV 51
2/17217	BASORTRAV 51
2/17218	BASORTRAV 51
2/17219	BASORTRAV 51
2/17220	BASORTRAV 52
2/17221	BASORTRAV 52
2/17222	BASORTRAV 52
2/17223	BASORTRAV 52
2/17224	BASORTRAV 52
2/17225	BASORTRAV 52
2/17226	BASORTRAV 52
2/17227	BASORTRAV 52
2/17228	BASORTRAV 52
2/17229	BASORTRAV 52
2/17230	BASORTRAV 52
2/17231	BASORTRAV 52
2/17232	BASORTRAV 52
2/17233	BASORTRAV 52
2/17234	BASORTRAV 52
2/17235	BASORTRAV 52
2/17236	BASORTRAV 52
2/17237	BASORTRAV 52
2/17238	BASORTRAV 52
2/17239	BASORTRAV 52
2/17240	BASORTRAV 52
2/17241	BASORTRAV 52
2/17242	BASORTRAV 52
2/17243	BASORTRAV 52
2/17244	BASORTRAV 52
2/17245	BASORTRAV 52
2/17246	BASORTRAV 52
2/17247	BASORTRAV 52
2/17248	BASORTRAV 52
2/17249	BASORTRAV 52
2/17250	BASORTRAV 52
2/17251	BASORTRAV 52
2/17252	BASORTRAV 52
2/17253	BASORTRAV 52
2/17254	BASORTRAV 52
2/17255	BASORTRAV 52
2/17256	BASORTRAV 52
2/17257	BASORTRAV 52
2/17258	BASORTRAV 52
2/17259	BASORTRAV 52

REF.	Family / Pg.
2/17260	BASORTRAV 53
2/17261	BASORTRAV 53
2/17262	BASORTRAV 53
2/17263	BASORTRAV 53
2/17264	BASORTRAV 53
2/17265	BASORTRAV 53
2/17266	BASORTRAV 53
2/17267	BASORTRAY 7
2/17268	BASORTRAY 7
2/17269	BASORTRAY 63
2/17270	BASORTRAY 63
2/17271	BASORTRAY 63
2/17272	BASORTRAY 63
2/17273	BASORTRAV 109
2/17274	BASORTRAV 109
2/17275	BASORTRAV 109
2/17276	BASORTRAV 109
2/17277	BASORTRAV 109
2/17278	BASORTRAV 109
2/17279	BASORTRAV 109
2/17280	FIBERTRAV 25
2/17281	BASORPLAST 18
2/17282	BASORPLAST 17
2/17283	BASORPLAST 18
2/17284	FIBERTRAV 25
2/17285	FIBERTRAV 25
2/17286	FIBERTRAV 6
2/17287	FIBERTRAV 6
2/17288	FIBERTRAV 6
2/17289	FIBERTRAV 6
2/17290	FIBERTRAV 6
2/17291	FIBERTRAV 6
2/17292	FIBERTRAV 6
2/17293	FIBERTRAV 6
2/17294	FIBERTRAV 6
2/17295	FIBERTRAV 6
2/17296	FIBERTRAV 6
2/17297	FIBERTRAV 6
2/17298	FIBERTRAV 6
2/17299	FIBERTRAV 6
2/17300	FIBERTRAV 6
2/17301	FIBERTRAV 6
2/17302	FIBERTRAV 6
2/17303	FIBERTRAV 6
2/17304	FIBERTRAV 6
2/17305	FIBERTRAV 6
2/17306	FIBERTRAV 6
2/17308	BASORSUPPORT 17
2/17309	BASORSUPPORT 17
2/17310	BASORSUPPORT 17
2/17311	BASORSUPPORT 17
2/17312	BASORSUPPORT 29, BASORFIX 4
2/17313	BASORSUPPORT 29, BASORFIX 4
2/17314	BASORFIL 15
2/17315	BASORFIX 12
2/17340	BASORPLAST 15

REF.	Family / Pg.
2/17341	BASORPLAST 15
2/17342	BASORPLAST 15
2/17343	BASORPLAST 15
2/17345	BASORPLAST 15
2/17346	BASORPLAST 15
2/17347	BASORPLAST 15
2/17348	BASORPLAST 15
2/17349	BASORPLAST 15
2/17350	BASORPLAST 15
2/17352	BASORPLAST 15
2/17353	BASORPLAST 15
2/17354	BASORFIL 5
2/17355	BASORFIL 5
2/17356	BASORFIL 5
2/17357	BASORFIL 5
2/17358	BASORFIL 5
2/17359	BASORFIL 5
2/17360	BASORFIL 5
2/17361	BASORFIL 5
2/17362	BASORFIL 5
2/17363	BASORFIL 5
2/17364	BASORFIL 5
2/17365	BASORFIL 5
2/17366	BASORFIL 5
2/17367	BASORFIL 5
2/17368	BASORFIL 5
2/17369	BASORFIL 5
2/17370	BASORFIL 5
2/17494	BASORPLAST 5
2/17495	BASORPLAST 5
2/17496	BASORPLAST 5
2/17497	BASORPLAST 6
2/17498	BASORPLAST 6
2/17499	BASORPLAST 6
2/17500	BASORPLAST 7
2/17501	BASORPLAST 5
2/17502	BASORPLAST 5
2/17503	BASORPLAST 5
2/17504	BASORPLAST 6
2/17505	BASORPLAST 6
2/17506	BASORPLAST 6
2/17507	BASORPLAST 7
2/17508	BASORPLAST 7
2/17509	BASORPLAST 5
2/17510	BASORPLAST 5
2/17511	BASORPLAST 5
2/17512	BASORPLAST 6
2/17513	BASORPLAST 6
2/17514	BASORPLAST 6
2/17515	BASORPLAST 7
2/17516	BASORPLAST 8
2/17517	BASORPLAST 8
2/17518	BASORPLAST 8
2/17519	BASORPLAST 8
2/17520	BASORPLAST 8
2/17539	BASORTRAV 83
2/17540	BASORTRAY 49
2/17541	BASORFIX 23

REF.	Family / Pg.
2/17542	BASORFIX 23
2/17543	BASORFIX 23
2/17544	BASORFIX 23
2/17546	BASORFIX 23
2/17547	BASORFIX 23
2/17548	TRUNKING 7,BASORFIX 23
2/17549	BASORFIX 23
2/17550	BASORCANAL 13
2/17551	BASORFIX 15
2/17552	TRUNKING 7,BASORFIX 23
2/17553	BASORFIX 23
2/17554	BASORFIX 23
2/17555	BASORFIX 23
2/17556	BASORFIX 15
2/17557	BASORFIX 15
2/17558	BASORFIX 15
2/17559	BASORFIX 23
2/17560	BASORFIX 23
2/17561	BASORFIX 23
2/17562	BASORFIX 22
2/17563	BASORFIX 23
2/17564	BASORFIX 23
2/17565	BASORFIX 23
2/17566	BASORFIX 23
2/17567	BASORFIX 15
2/17568	BASORFLEX 6
2/17569	BASORFLEX 6
2/17570	BASORFLEX 6
2/17571	BASORFLEX 6
2/17572	BASORFLEX 6
2/17573	BASORFLEX 6
2/17574	BASORFLEX 6
2/17575	BASORFLEX 6
2/17576	BASORFLEX 6
2/17577	BASORFIX 23
2/17578	BASORFIX 23
2/17579	BASORFIX 23
2/17580	BASORFIX 23
2/17581	BASORFIX 23
2/17582	BASORFIX 23
2/17583	BASORFIX 15
2/17584	BASORFIX 15
2/17585	BASORFIX 23
2/17586	BASORTRAY 53
2/17587	BASORTRAY 29
2/17588	BASORTRAY 29
2/17589	BASORTRAY 29
2/17590	BASORTRAY 29
2/17596	BASORTRAY 15
2/17597	BASORTRAY 15
2/17600	BASORFIX 23
2/17601	BASORFIX 23
2/17602	BASORFIX 19
2/17603	BASORFIX 19
2/17604	BASORFIX 19
2/17605	BASORFIX 23
2/17606	BASORFIX 23
2/17607	BASORFIX 23

REF.	Family / Pg.
2/17608	BASORTUB 7,BASORFIX 13
2/17609	BASORFIX 23
2/17610	FIBERTRAV 24
2/17611	BASORFIX 15
2/17612	BASORFIX 15
2/17613	BASORTRAV 7
2/17614	BASORTRAV 7
2/17615	BASORTRAV 7
2/17616	BASORTRAV 7
2/17617	BASORTRAV 7
2/17618	BASORTRAV 7
2/17619	BASORTRAV 7
2/17620	BASORTRAV 7
2/17621	BASORTRAV 7
2/17622	BASORTRAV 7
2/17623	BASORTRAV 7
2/17624	BASORTRAV 7
2/17625	BASORTRAV 7
2/17626	BASORTRAV 7
2/17627	BASORTRAV 7
2/17628	BASORTRAV 7
2/17629	BASORTRAV 7
2/17630	BASORTRAV 7
2/17631	BASORTRAV 7
2/17632	BASORTRAV 7
2/17633	BASORTRAV 7
2/17634	BASORTRAV 7
2/17635	BASORTRAV 7
2/17636	BASORTRAV 7
2/17637	BASORTRAV 7
2/17638	BASORTRAV 7
2/17639	BASORTRAV 7
2/17640	BASORTRAV 7
2/17641	BASORTRAV 8
2/17642	BASORTRAV 8
2/17643	BASORTRAV 8
2/17644	BASORTRAV 8
2/17645	BASORTRAV 8
2/17646	BASORTRAV 8
2/17647	BASORTRAV 8
2/17648	BASORTRAV 8
2/17649	BASORTRAV 8
2/17650	BASORTRAV 8
2/17651	BASORTRAV 8
2/17652	BASORTRAV 8
2/17653	BASORTRAV 8
2/17654	BASORTRAV 8
2/17655	BASORTRAV 8
2/17656	BASORTRAV 8
2/17657	BASORTRAV 8
2/17658	BASORTRAV 8
2/17659	BASORTRAV 8
2/17660	BASORTRAV 8
2/17661	BASORTRAV 8
2/17662	BASORTRAV 8
2/17663	BASORTRAV 8
2/17664	BASORTRAV 8
2/17665	BASORTRAV 8

REF.	Family / Pg.
2/17666	BASORTRAV 8
2/17667	BASORTRAV 8
2/17668	BASORTRAV 8
2/17669	BASORTRAV 9
2/17670	BASORTRAV 9
2/17671	BASORTRAV 9
2/17672	BASORTRAV 9
2/17673	BASORTRAV 9
2/17674	BASORTRAV 9
2/17675	BASORTRAV 9
2/17676	BASORTRAV 9
2/17677	BASORTRAV 9
2/17678	BASORTRAV 9
2/17679	BASORTRAV 9
2/17680	BASORTRAV 9
2/17681	BASORTRAV 9
2/17682	BASORTRAV 9
2/17683	BASORTRAV 9
2/17684	BASORTRAV 9
2/17685	BASORTRAV 9
2/17686	BASORTRAV 9
2/17687	BASORTRAV 9
2/17688	BASORTRAV 9
2/17689	BASORTRAV 9
2/17690	BASORTRAV 9
2/17691	BASORTRAV 9
2/17692	BASORTRAV 9
2/17693	BASORTRAV 9
2/17694	BASORTRAV 9
2/17695	BASORTRAV 9
2/17696	BASORTRAV 9
2/17697	BASORTRAV 10
2/17698	BASORTRAV 10
2/17699	BASORTRAV 10
2/17700	BASORTRAV 10
2/17701	BASORTRAV 10
2/17702	BASORTRAV 10
2/17703	BASORTRAV 10
2/17704	BASORTRAV 10
2/17705	BASORTRAV 10
2/17706	BASORTRAV 10
2/17707	BASORTRAV 10
2/17708	BASORTRAV 10
2/17709	BASORTRAV 10
2/17710	BASORTRAV 10
2/17711	BASORTRAV 10
2/17712	BASORTRAV 10
2/17713	BASORTRAV 10
2/17714	BASORTRAV 10
2/17715	BASORTRAV 10
2/17716	BASORTRAV 10
2/17717	BASORTRAV 10
2/17718	BASORTRAV 10
2/17719	BASORTRAV 10
2/17720	BASORTRAV 10
2/17721	BASORTRAV 10
2/17722	BASORTRAV 10
2/17723	BASORTRAV 10

REF.	Family / Pg.
2/17724	BASORTRAV 10
2/17725	BASORTRAV 11
2/17726	BASORTRAV 11
2/17727	BASORTRAV 11
2/17728	BASORTRAV 11
2/17729	BASORTRAV 11
2/17730	BASORTRAV 11
2/17731	BASORTRAV 11
2/17732	BASORTRAV 11
2/17733	BASORTRAV 11
2/17734	BASORTRAV 11
2/17735	BASORTRAV 11
2/17736	BASORTRAV 11
2/17737	BASORTRAV 11
2/17738	BASORTRAV 11
2/17739	BASORTRAV 11
2/17740	BASORTRAV 11
2/17741	BASORTRAV 11
2/17742	BASORTRAV 11
2/17743	BASORTRAV 11
2/17744	BASORTRAV 11
2/17745	BASORTRAV 11
2/17746	BASORTRAV 11
2/17747	BASORTRAV 11
2/17748	BASORTRAV 11
2/17749	BASORTRAV 11
2/17750	BASORTRAV 11
2/17751	BASORTRAV 11
2/17752	BASORTRAV 11
2/17753	BASORTRAV 12
2/17754	BASORTRAV 12
2/17755	BASORTRAV 12
2/17756	BASORTRAV 12
2/17757	BASORTRAV 12
2/17758	BASORTRAV 12
2/17759	BASORTRAV 12
2/17760	BASORTRAV 12
2/17761	BASORTRAV 12
2/17762	BASORTRAV 12
2/17763	BASORTRAV 12
2/17764	BASORTRAV 12
2/17765	BASORTRAV 12
2/17766	BASORTRAV 12
2/17767	BASORTRAV 12
2/17768	BASORTRAV 12
2/17769	BASORTRAV 12
2/17770	BASORTRAV 12
2/17771	BASORTRAV 12
2/17772	BASORTRAV 12
2/17773	BASORTRAV 12
2/17774	BASORTRAV 12
2/17775	BASORTRAV 12
2/17776	BASORTRAV 12
2/17777	BASORTRAV 12
2/17778	BASORTRAV 12
2/17779	BASORTRAV 12
2/17780	BASORTRAV 12
2/17781	BASORTRAV 13

REF.	Family / Pg.
2/17782	BASORTRAV 13
2/17783	BASORTRAV 13
2/17784	BASORTRAV 13
2/17785	BASORTRAV 13
2/17786	BASORTRAV 13
2/17787	BASORTRAV 13
2/17788	BASORTRAV 13
2/17789	BASORTRAV 13
2/17790	BASORTRAV 13
2/17791	BASORTRAV 13
2/17792	BASORTRAV 13
2/17793	BASORTRAV 13
2/17794	BASORTRAV 13
2/17795	BASORTRAV 13
2/17796	BASORTRAV 13
2/17797	BASORTRAV 13
2/17798	BASORTRAV 13
2/17799	BASORTRAV 13
2/17800	BASORTRAV 13
2/17801	BASORTRAV 13
2/17802	BASORTRAV 13
2/17803	BASORTRAV 13
2/17804	BASORTRAV 13
2/17805	BASORTRAV 13
2/17806	BASORTRAV 13
2/17807	BASORTRAV 13
2/17808	BASORTRAV 13
2/17809	BASORTRAY 15
2/17810	BASORTRAY 15
2/17811	BASORTRAY 15
2/17812	BASORTRAY 15
2/17813	BASORTRAY 15
2/17814	BASORTRAY 15
2/17815	BASORSUPPORT 13, 28
2/17816	BASORSUPPORT 13, 28
2/17817	BASORSUPPORT 13, 28
2/17818	BASORSUPPORT 13, 28
2/17819	BASORSUPPORT 13, 28
2/17820	BASORSUPPORT 13, 28
2/17821	BASORSUPPORT 13, 28
2/17824	BASORSUPPORT 8
2/17825	BASORSUPPORT 8
2/17826	BASORSUPPORT 8
2/17828	BASORSUPPORT 21
2/17829	BASORSUPPORT 8
2/17830	BASORTRAY 15
2/17831	BASORTRAY 15
2/17832	BASORTRAY 15
2/17833	BASORTRAY 15
2/17834	BASORTRAY 15
2/17835	BASORTRAY 15
2/17836	BASORTRAY 15
2/17837	BASORTRAY 15
2/17838	BASORTRAY 15
2/17839	BASORTRAY 15
2/17840	BASORTRAY 15
2/17841	BASORTRAY 15
2/17842	BASORTRAY 15

REF.	Family / Pg.
2/17843	BASORTRAY 15
2/17849	BASORTRAY 18
2/17850	BASORTRAY 18
2/17852	BASORTRAY 19
2/17853	BASORTRAY 19
2/17854	BASORTRAY 19
2/17855	BASORTRAY 19
2/17856	BASORTRAY 19
2/17857	BASORTRAY 19
2/17858	BASORTRAY 19
2/17859	BASORTRAY 21
2/17860	BASORTRAY 21
2/17861	BASORTRAY 21
2/17862	BASORTRAY 21
2/17863	BASORTRAY 21
2/17864	BASORTRAY 21
2/17865	BASORTRAY 21
2/17866	BASORTRAY 21
2/17867	BASORTRAY 23
2/17868	BASORTRAY 23
2/17869	BASORTRAY 23
2/17870	BASORTRAY 23
2/17871	BASORTRAY 23
2/17872	BASORTRAY 23
2/17873	BASORTRAY 23
2/17874	BASORTRAY 23
2/17875	BASORTRAY 23
2/17876	BASORTRAY 23
2/17877	BASORTRAY 23
2/17878	BASORTRAY 23
2/17879	BASORTRAY 23
2/17880	BASORTRAY 23
2/17881	BASORTRAY 25
2/17882	BASORTRAY 25
2/17883	BASORTRAY 25
2/17884	BASORTRAY 25
2/17885	BASORTRAY 25
2/17886	BASORTRAY 25
2/17887	BASORTRAY 25
2/17888	BASORTRAY 25
2/17889	BASORTRAY 25
2/17890	BASORTRAY 25
2/17891	BASORTRAY 25
2/17892	BASORTRAY 25
2/17893	BASORTRAY 25
2/17894	BASORTRAY 25
2/17895	BASORTRAY 26
2/17896	BASORTRAY 26
2/17897	BASORTRAY 26
2/17898	BASORTRAY 26
2/17899	BASORTRAY 26
2/17900	BASORTRAY 26
2/17901	BASORTRAY 26
2/17902	BASORTRAY 26
2/17903	BASORTRAY 26
2/17904	BASORTRAY 26
2/17905	BASORTRAY 26
2/17906	BASORTRAY 26

REF.	Family / Pg.
2/17907	BASORTRAY 26
2/17908	BASORTRAY 26
2/17909	BASORTRAY 27
2/17910	BASORTRAY 27
2/17911	BASORTRAY 27
2/17912	BASORTRAY 27
2/17913	BASORTRAY 27
2/17914	BASORTRAY 27
2/17915	BASORTRAY 27
2/17919	BASORTRAY 27
2/17921	BASORTRAY 27
2/17922	BASORTRAY 27
2/17923	BASORTRAY 20
2/17924	BASORTRAY 20
2/17925	BASORTRAY 20
2/17926	BASORTRAY 20
2/17927	BASORTRAY 20
2/17928	BASORTRAY 20
2/17929	BASORTRAY 20
2/17930	BASORTRAY 20
2/17931	BASORTRAY 20
2/17932	BASORTRAY 20
2/17933	BASORTRAY 20
2/17934	BASORTRAY 20
2/17935	BASORTRAY 20
2/17936	BASORTRAY 20
2/17937	BASORTRAY 22
2/17938	BASORTRAY 22
2/17939	BASORTRAY 22
2/17940	BASORTRAY 22
2/17941	BASORTRAY 22
2/17942	BASORTRAY 22
2/17943	BASORTRAY 22
2/17944	BASORTRAY 22
2/17945	BASORTRAY 22
2/17946	BASORTRAY 22
2/17947	BASORTRAY 22
2/17948	BASORTRAY 22
2/17949	BASORTRAY 22
2/17950	BASORTRAY 22
2/17951	BASORTRAY 24
2/17952	BASORTRAY 24
2/17953	BASORTRAY 24
2/17954	BASORTRAY 24
2/17955	BASORTRAY 24
2/17956	BASORTRAY 24
2/17957	BASORTRAY 24
2/17958	BASORTRAY 24
2/17959	BASORTRAY 24
2/17960	BASORTRAY 24
2/17961	BASORTRAY 24
2/17962	BASORTRAY 24
2/17963	BASORTRAY 24
2/17964	BASORTRAY 24
2/18063	BASORSUPPORT 28
2/18064	BASORTRAY 33
2/18065	BASORTRAY 33
2/18066	BASORTRAY 33

REF.	Family / Pg.
2/18067	BASORTRAY 33
2/18068	BASORTRAY 33
2/18069	BASORTRAY 33
2/18070	BASORTRAY 39
2/18071	BASORTRAY 39
2/18072	BASORTRAY 39
2/18073	BASORTRAY 39
2/18074	BASORTRAY 39
2/18075	BASORTRAY 39
2/18076	BASORTRAY 39
2/18077	BASORSUPPORT 12
2/18078	BASORSUPPORT 12
2/18079	BASORFIX 4
2/18080	BASORFIX 4
2/18081	BASORFIX 5
2/18082	BASORFIX 7
2/18083	BASORFIX 7
2/18084	BASORFIX 7
2/18085	BASORFIX 7
2/18086	BASORFIX 8
2/18087	BASORFIX 8
2/18088	BASORFIX 8
2/18089	BASORFIX 9
2/18090	BASORFIX 9
2/18091	BASORFIX 9
2/18092	BASORFIX 9
2/18093	BASORFIX 10
2/18094	BASORFIX 10
2/18095	BASORFIX 10
2/18096	BASORFIX 11
2/18097	BASORFIX 11
2/18098	BASORFIX 11
2/18099	BASORFIX 12
2/18100	BASORFIX 12
2/18101	BASORFIX 7
2/18102	BASORFIX 7
2/18103	BASORFIX 7
2/18104	BASORFIX 7
2/18105	BASORFIX 8
2/18106	BASORFIX 8
2/18107	BASORFIX 8
2/18108	BASORFIX 9
2/18109	BASORFIX 9
2/18110	BASORFIX 9
2/18111	BASORFIX 9
2/18112	BASORFIX 10
2/18113	BASORFIX 10
2/18114	BASORFIX 10
2/18115	BASORFIX 11
2/18116	BASORFIX 11
2/18117	BASORFIX 11
2/18118	BASORFIX 12
2/18119	BASORFIX 12
2/18120	BASORTRAY 27
2/18121	BASORTRAY 27
2/18122	BASORSUPPORT 9
2/18123	BASORSUPPORT 9
2/18124	BASORSUPPORT 9

REF.	Family / Pg.
2/18125	BASORSUPPORT 9
2/18126	BASORSUPPORT 9
2/18127	BASORSUPPORT 9
2/18128	BASORSUPPORT 10
2/18129	BASORSUPPORT 10
2/18130	BASORSUPPORT 10
2/18131	BASORSUPPORT 10, 17, 22
2/18132	BASORSUPPORT 10, 17, 22
2/18133	BASORSUPPORT 11
2/18134	BASORSUPPORT 11, 18
2/18135	BASORSUPPORT 11, 18
2/18136	BASORSUPPORT 11, 18
2/18137	BASORSUPPORT 11, 18
2/18138	BASORSUPPORT 11, 18
2/18139	BASORSUPPORT 8, 15
2/18140	BASORTRAY 15
2/18141	BASORTRAY 15
2/18142	BASORTRAY 15
2/18143	BASORTRAY 15
2/18144	BASORTRAY 15
2/18145	BASORTRAY 15
2/18146	BASORTRAY 15
2/18147	BASORTRAY 15
2/18148	BASORTRAY 15
2/18149	BASORTRAY 15
2/18150	BASORTRAY 15
2/18151	BASORTRAY 15
2/18152	BASORTRAY 15
2/18153	BASORTRAY 15
2/18154	BASORTRAY 13,BASORFIL 5
2/18155	BASORTRAY 13,BASORFIL 5
2/18156	BASORTRAY 13,BASORFIL 5
2/18157	BASORTRAY 13,BASORFIL 5
2/18158	BASORTRAY 13,BASORFIL 5
2/18159	BASORTRAY 13,BASORFIL 5
2/18160	BASORTRAY 13,BASORFIL 5
2/18161	BASORTRAY 19
2/18162	BASORTRAY 19
2/18163	BASORTRAY 19
2/18164	BASORTRAY 19
2/18165	BASORTRAY 19
2/18166	BASORTRAY 19
2/18167	BASORTRAY 19
2/18168	BASORTRAY 19
2/18169	BASORTRAY 19
2/18170	BASORTRAY 19
2/18171	BASORTRAY 19
2/18172	BASORTRAY 19
2/18173	BASORTRAY 19
2/18174	BASORTRAY 19
2/18175	BASORTRAY 21
2/18176	BASORTRAY 21
2/18177	BASORTRAY 21
2/18178	BASORTRAY 21
2/18179	BASORTRAY 21
2/18180	BASORTRAY 21
2/18181	BASORTRAY 21
2/18182	BASORTRAY 21

REF.	Family / Pg.
2/18183	BASORTRAY 21
2/18184	BASORTRAY 21
2/18185	BASORTRAY 21
2/18186	BASORTRAY 21
2/18187	BASORTRAY 21
2/18188	BASORTRAY 21
2/18189	BASORTRAY 23
2/18190	BASORTRAY 23
2/18191	BASORTRAY 23
2/18192	BASORTRAY 23
2/18193	BASORTRAY 23
2/18194	BASORTRAY 23
2/18195	BASORTRAY 23
2/18196	BASORTRAY 23
2/18197	BASORTRAY 23
2/18198	BASORTRAY 23
2/18199	BASORTRAY 23
2/18200	BASORTRAY 23
2/18201	BASORTRAY 23
2/18202	BASORTRAY 23
2/18203	BASORTRAY 25
2/18204	BASORTRAY 25
2/18205	BASORTRAY 25
2/18206	BASORTRAY 25
2/18207	BASORTRAY 25
2/18208	BASORTRAY 25
2/18209	BASORTRAY 25
2/18210	BASORTRAY 25
2/18211	BASORTRAY 25
2/18212	BASORTRAY 25
2/18213	BASORTRAY 25
2/18214	BASORTRAY 25
2/18215	BASORTRAY 25
2/18216	BASORTRAY 25
2/18217	BASORTRAY 26
2/18218	BASORTRAY 26
2/18219	BASORTRAY 26
2/18220	BASORTRAY 26
2/18221	BASORTRAY 26
2/18222	BASORTRAY 26
2/18223	BASORTRAY 26
2/18224	BASORTRAY 26
2/18225	BASORTRAY 26
2/18226	BASORTRAY 26
2/18227	BASORTRAY 26
2/18228	BASORTRAY 26
2/18229	BASORTRAY 26
2/18230	BASORTRAY 26
2/18231	BASORTRAY 27
2/18232	BASORTRAY 27
2/18233	BASORTRAY 27
2/18234	BASORTRAY 27
2/18235	BASORTRAY 27
2/18236	BASORTRAY 27
2/18237	BASORTRAY 27
2/18238	BASORTRAY 27
2/18239	BASORTRAY 27
2/18240	BASORTRAY 27

REF.	Family / Pg.
2/18241	BASORTRAY 27
2/18242	BASORTRAY 27
2/18243	BASORTRAY 27
2/18244	BASORTRAY 27
2/18245	BASORTRAY 20
2/18246	BASORTRAY 20
2/18247	BASORTRAY 20
2/18248	BASORTRAY 20
2/18249	BASORTRAY 20
2/18250	BASORTRAY 20
2/18251	BASORTRAY 20
2/18252	BASORTRAY 20
2/18253	BASORTRAY 20
2/18254	BASORTRAY 20
2/18255	BASORTRAY 20
2/18256	BASORTRAY 20
2/18257	BASORTRAY 20
2/18258	BASORTRAY 20
2/18259	BASORTRAY 22
2/18260	BASORTRAY 22
2/18261	BASORTRAY 22
2/18262	BASORTRAY 22
2/18263	BASORTRAY 22
2/18264	BASORTRAY 22
2/18265	BASORTRAY 22
2/18266	BASORTRAY 22
2/18267	BASORTRAY 22
2/18268	BASORTRAY 22
2/18269	BASORTRAY 22
2/18270	BASORTRAY 22
2/18271	BASORTRAY 22
2/18272	BASORTRAY 22
2/18273	BASORTRAY 24
2/18274	BASORTRAY 24
2/18275	BASORTRAY 24
2/18276	BASORTRAY 24
2/18277	BASORTRAY 24
2/18278	BASORTRAY 24
2/18279	BASORTRAY 24
2/18280	BASORTRAY 24
2/18281	BASORTRAY 24
2/18282	BASORTRAY 24
2/18283	BASORTRAY 24
2/18284	BASORTRAY 24
2/18285	BASORTRAY 24
2/18286	BASORTRAY 24
2/18385	BASORTRAY 29
2/18386	BASORTRAY 28
2/18387	BASORFIL 14
2/18388	BASORTRAY 40, BASORTRAV 70
2/18389	BASORSUPPORT 27
2/18390	BASORSUPPORT 27
2/18391	BASORSUPPORT 27
2/18392	BASORSUPPORT 27
2/18393	BASORSUPPORT 28
2/18394	BASORTRAY 33
2/18395	BASORTRAY 33

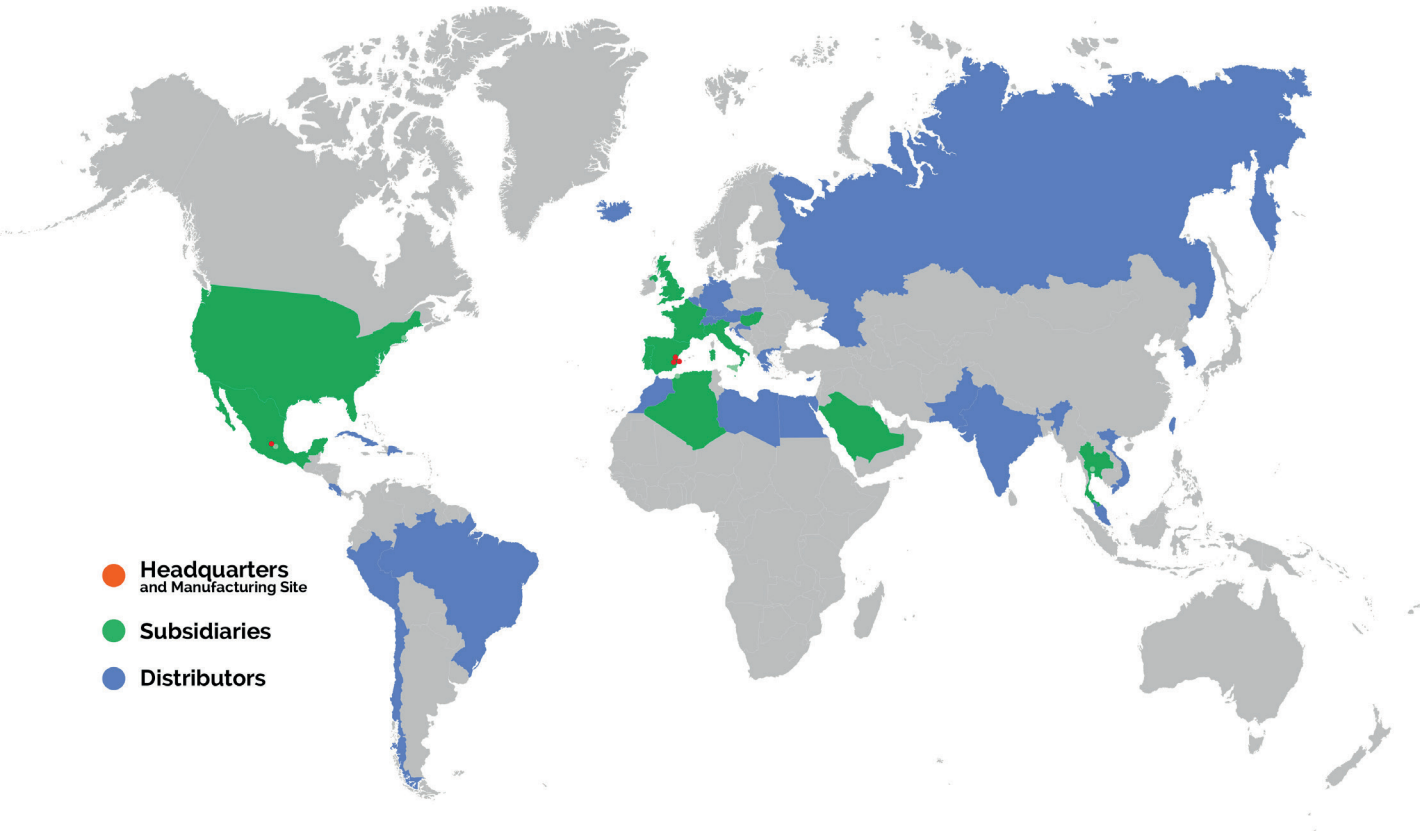
REF.	Family / Pg.
2/18396	BASORTRAY 33
2/18397	BASORTRAY 33
2/18398	BASORTRAY 33
2/18399	BASORTRAY 33
2/18400	BASORTRAY 39
2/18401	BASORTRAY 39
2/18402	BASORTRAY 39
2/18403	BASORTRAY 39
2/18404	BASORTRAY 39
2/18405	BASORTRAY 39
2/18407	BASORSUPPORT 12
2/18408	BASORSUPPORT 12
2/18409	BASORSUPPORT 13, 28
2/18410	BASORSUPPORT 13, 28
2/18411	BASORSUPPORT 13, 28
2/18412	BASORSUPPORT 13, 28
2/18413	BASORSUPPORT 13, 28
2/18414	BASORSUPPORT 12
2/18415	BASORSUPPORT 8
2/18416	BASORSUPPORT 15
2/18417	BASORSUPPORT 15
2/18418	BASORSUPPORT 15
2/18419	BASORSUPPORT 15
2/18420	BASORSUPPORT 15
2/18421	BASORSUPPORT 15
2/18422	BASORSUPPORT 15
2/18423	BASORSUPPORT 15
2/18424	BASORSUPPORT 15
2/18425	BASORSUPPORT 15
2/18426	BASORSUPPORT 15
2/18427	BASORSUPPORT 15
2/18428	BASORSUPPORT 21
2/18429	BASORSUPPORT 21
2/18430	BASORSUPPORT 21
2/18431	BASORSUPPORT 21
2/18432	BASORSUPPORT 21
2/18433	BASORSUPPORT 8
2/18434	BASORSUPPORT 8
2/18435	BASORSUPPORT 8
2/18436	BASORSUPPORT 8
2/18437	BASORSUPPORT 8
2/18438	BASORSUPPORT 8
2/18439	BASORSUPPORT 8
2/18440	BASORFIX 4
2/18441	BASORFIX 4
2/18442	BASORFIX 5
2/18444	BASORTRAY 27
2/18445	BASORTRAY 27
2/18446	BASORTRAY 29
2/18447	BASORTRAY 30
2/18448	BASORTRAY 28
2/18449	BASORSUPPORT 9
2/18450	BASORSUPPORT 9
2/18451	BASORSUPPORT 9
2/18452	BASORSUPPORT 9
2/18453	BASORSUPPORT 9
2/18454	BASORSUPPORT 9
2/18455	BASORSUPPORT 9

REF.	Family / Pg.
2/18456	BASORSUPPORT 9
2/18457	BASORSUPPORT 9
2/18458	BASORSUPPORT 9
2/18459	BASORSUPPORT 9
2/18460	BASORSUPPORT 9
2/18461	BASORSUPPORT 9
2/18462	BASORSUPPORT 10
2/18463	BASORSUPPORT 10
2/18464	BASORSUPPORT 10
2/18465	BASORSUPPORT 10, 17, 22
2/18466	BASORSUPPORT 10, 17, 22
2/18467	BASORSUPPORT 11
2/18468	BASORSUPPORT 11, 18
2/18469	BASORSUPPORT 11, 18
2/18470	BASORSUPPORT 11, 18
2/18471	BASORSUPPORT 11, 18
2/18472	BASORSUPPORT 11, 18
2/18473	BASORSUPPORT 16, 22
2/18474	BASORSUPPORT 16, 22
2/18475	BASORSUPPORT 16, 22
2/18476	BASORSUPPORT 16
2/18477	BASORSUPPORT 16
2/18478	BASORSUPPORT 16
2/18479	BASORSUPPORT 15
2/18480	BASORTRAY 33
2/18481	BASORTRAY 33
2/18482	BASORTRAY 33
2/18483	BASORTRAY 33
2/18484	BASORTRAY 33
2/18485	BASORTRAY 33
2/18486	BASORTRAY 33
2/18487	BASORTRAY 33
2/18488	BASORTRAY 33
2/18489	BASORTRAY 33
2/18490	BASORTRAY 33
2/18491	BASORTRAY 33
2/18492	BASORTRAY 39
2/18493	BASORTRAY 39
2/18494	BASORTRAY 33
2/18495	BASORTRAY 33
2/18496	BASORTRAY 33
2/18497	BASORTRAY 33
2/18498	BASORTRAY 33
2/18499	BASORTRAY 33
2/18500	BASORTRAY 33
2/18501	BASORTRAY 33
2/18502	BASORTRAY 33
2/18503	BASORTRAY 33
2/18504	BASORTRAY 33
2/18505	BASORTRAY 33
2/18506	BASORTRAY 39
2/18509	BASORTRAV 69
2/18510	BASORTRAV 69
2/18511	BASORTRAV 69
2/18512	BASORFIX 21
2/18513	BASORFIX 21
2/18514	BASORFIX 23
2/18515	BASORFIX 12

REF.	Family / Pg.
2/18524	BASORFIX 15
2/18525	BASORFIX 15
2/18526	BASORTRAY 18
2/18527	BASORTRAY 18
2/18528	BASORTRAY 18
2/18529	BASORTRAY 18
2/18533	BASORTRAV 70
2/18534	BASORTRAY 34
2/18535	BASORTRAY 34
2/18536	BASORTRAY 34
2/18537	BASORTRAY 34
2/18538	BASORTRAY 34
2/18539	BASORFIX 21
2/18540	BASORFIX 21
2/18541	BASORSUPPORT 13, 28
2/18542	BASORSUPPORT 13, 28
2/18543	BASORSUPPORT 13, 28
2/18544	BASORSUPPORT 13, 28
2/18545	BASORSUPPORT 13, 28
2/18546	BASORSUPPORT 13, 28
2/18547	BASORPLAST 8
2/18548	BASORPLAST 8
2/18549	BASORTRAY 29
2/18550	BASORTRAY 29
2/18551	BASORTRAY 29
2/18552	FIBERTRAV 26
2/18553	BASORFIL 14
2/18554	BASORFIL 19
2/18555	BASORTRAY 12
2/18556	BASORTRAY 21
2/18557	BASORTRAY 23
2/18558	BASORTRAY 23
2/18559	BASORFIL 5
2/18560	BASORFIL 5
2/18561	BASORFIL 15
2/18562	BASORFIL 16
2/18563	BASORFIL 16
2/18564	BASORFIL 16
2/18565	BASORFIL 17
2/18566	BASORFIL 18
2/18567	BASORFIL 19
2/18571	BASORTRAV 53
2/18573	BASORTRAV 54
2/18574	BASORTRAV 16, 56
2/18575	BASORTRAV 70
2/18576	BASORFIL 5
2/18577	BASORFIL 5
2/18578	BASORFIL 5
2/18579	BASORFIL 5
2/18580	BASORFIL 5
2/18581	BASORFIL 5
2/18582	BASORFIL 5
2/18587	BASORFIL 9
2/18588	BASORFIL 13
2/18589	BASORFIL 14
2/18590	BASORFIL 13
2/18591	BASORTRAV 70
2/18592	BASORTRAV 70

REF.	Family / Pg.
2/18594	BASORTRAY 15
2/18595	BASORTRAY 15
2/18596	BASORTRAY 15
2/18597	BASORTRAY 15
2/18598	BASORTRAY 15
2/18599	BASORTRAY 15
2/18600	BASORTRAY 15
2/18601	BASORTRAY 15
2/18602	BASORTRAY 15
2/18603	BASORTRAY 15
2/18604	BASORTRAY 15
2/18605	BASORTRAY 15
2/18606	BASORTRAY 15
2/18607	BASORTRAY 15
2/18608	BASORTRAY 15
2/18609	BASORTRAY 15
2/18610	BASORTRAY 15
2/18611	BASORTRAY 15
2/18612	BASORTRAY 15
2/18613	BASORTRAY 15
2/18614	BASORTRAY 15
2/18615	BASORTRAY 15
2/18616	BASORTRAY 15
2/18617	BASORFIL 5
2/18618	BASORFIL 5
2/18619	BASORFIL 5
2/18620	BASORFIL 5
2/18621	BASORFIL 5
2/18622	BASORFIL 5
2/18623	BASORFIL 5
2/18624	BASORFIL 5
2/18625	BASORFIL 5
2/18626	BASORFIL 5
2/18627	BASORFIL 5
2/18628	BASORFIL 5
2/18629	BASORFIL 5
2/18630	BASORFIL 5
2/18631	BASORFIL 5
2/18632	BASORFIL 5
2/18633	BASORFIL 5
2/18642	BASORFIX 20
2/18643	BASORFIL 5
2/18644	BASORFIL 5
2/18645	BASORFIL 5
2/18646	BASORFIL 5
2/18647	BASORFIL 5
2/18648	BASORFIL 5
2/18649	BASORFIL 5

REF.	Family / Pg.



SPAIN HEADQUARTERS
Avenida Alcodar 45-47
46701 Gandia (Valencia)
T. +34.962.876.695

ITALY Basor Electric SRL
Via B. Franklin, 31
43122 Parma
T. +39.0521.798.360

PORTUGAL Basor Caminho de Cabos
Parque Empresarial Quimiparque
Edif. 153, rua n°42, 21
2830 Barreiro (Lisboa)
T. +351.212.071.165

HUNGARY Basor Elektro KFT
Grassalkovic U.255
H-1239 Budapest
T. +361.297.0204

THAILAND Basor THAI
166/26 soi Charoenporn Charansanitwong rd.,
Baanchanglor
Bangkoknoi, Bangkok 10500
T. +66 0 2 9152300

MEXICO Basor México SAPI
Paseo de la Reforma 87-203
06030 Col. Tabacalera – Del. Cuauhtémoc
(México D.F)
T. +52.55.5546.9092

FRANCE Basor France
Basor Electric SARL
266 Avenue Daumesnil
75012 Paris (France)
T. +33.01.58.0427.66

UNITED KINDOM Basor Electric LTD
Unit 23, Eldon Way Industrial Estate
Paddock Wod, TN12 6BE, Kent
T. +44.1892.833.500

ARGELIA Basor SARL M.N.A Equipments
28, Avenue Colonel Bougara
Velle-vue, El-Harrach
T. +213.2152.6234

USA Basor Electric Inc.
609 South Breese • Suite 100
Milstadt, IL 62260
T. +844.393.3985



BEGREEN

BASOR ELECTRIC S.A.

Avenida Alcodar 45-47
46701 Gandia - Valencia (SPAIN)
+34.962.876.695
basor@basor.com

www.basor.com