



BANDEIRANTES

Produtos Eletro Metalúrgicos

CATÁLOGO | 2024

PERFILADO

STRUT CHANNEL

LEITOS PARA CABOS

CABLE LADDERS

ELETROCALHAS

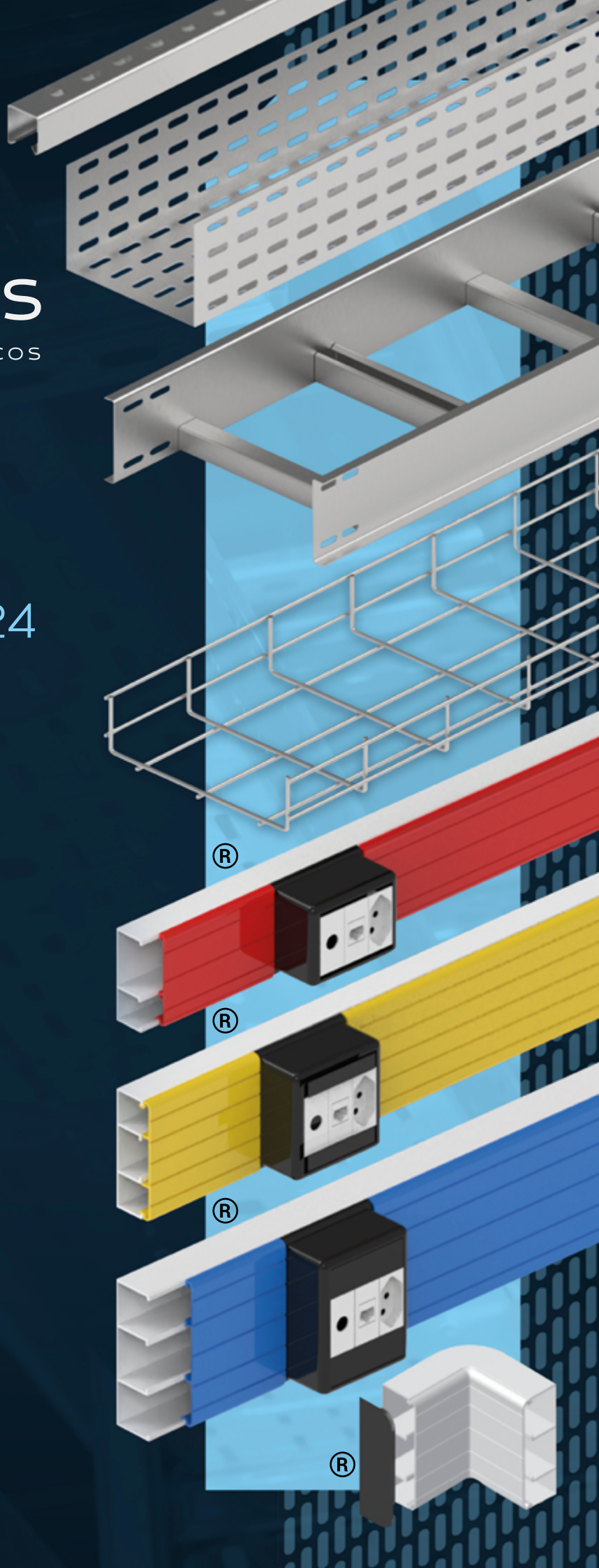
CABLE TRAYS

ELETROCALHAS ARAMADAS

WIRE MESH CABLE TRAYS

CANALETA TIPO RODAPÉ

ALUMINIUM RACEWAY



 www.bandeirantesperfis.com.br
 +55 19 2108.7600 | +55 19 2108.7601

**CERTIFICADOS
CERTIFICATES**



Certificado de Registro

SISTEMA DE GESTÃO AMBIENTAL - ISO 14001:2015

Certificamos que: Bandeirantes Produtos Eletro Metalúrgicos Ltda., Rua do Serralheiro, 27, 37, 57 e 77 Americana São Paulo 13478-731 Brasil

Posui o Certificado Número: EMS 720318

e opera um Sistema de Gestão Ambiental em conformidade com os requisitos da norma ISO 14001:2015 para o seguinte escopo:

Fabricação e comercialização de perfisados, eletrocabos, leitos para cabos, eletrocabos armados e canalotes em alumínio, para os segmentos de instalações elétricas, instrumentação, telecomunicações e informática para as áreas industriais, comerciais, hospitalar e construção civil.

Assina pelo BSI:

Carlos Pitanga
Carlos Pitanga, Managing Director, Insurance, Americas

Data do Registro Original: 2020-06-12
Data da Última Revisão: 2023-06-01

Data efetiva: 2023-06-12
Data de validade: 2026-06-11

Página: 1 de 1



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Este certificado é de propriedade do BSI e deverá ser devolvido ao BSI se solicitado.
Este certificado eletrônico pode ser verificado em www.bsi.com/certificates.
Cópia impressa poderá ser verificada em www.bsi.com/certificates.
Para mais informações consulte o site www.bsi.com/certificates ou contate o BSI.

Endereço eletrônico: cert@petrobras.com.br, Subj. 001, Itaipava, RJ 20270-900-100.



Certificado de Registro

SISTEMA DE GESTÃO DA QUALIDADE - ISO 9001:2015

Certificamos que: Bandeirantes Produtos Eletro Metalúrgicos Ltda., Rua do Serralheiro, 27, 37, 57 e 77 Americana São Paulo 13478-731 Brasil

Posui o Certificado Número: FM 720316

e opera um Sistema de Gestão da Qualidade conforme os requisitos da ISO 9001:2015 para o escopo à seguir:

Fabricação e comercialização de perfisados, eletrocabos, leitos para cabos, eletrocabos armados e canalotes em alumínio, para os segmentos de instalações elétricas, instrumentação, telecomunicações e informática para as áreas industriais, comerciais, hospitalar e construção civil.

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Endereço eletrônico: cert@petrobras.com.br, Subj. 001, Itaipava, RJ 20270-900-100.



Certificado de Registro e Classificação Cadastral - CRCC

Entidade: MACERTATS
No: 026201
Rev: 00
Data Emissão: 20 de Setembro de 2011
Data Validade: 13 de Setembro de 2012

Este CRCC substitui e cancela os anteriores.

Fornecedor: **BANDEIRANTES PRODUTOS ELETRO METALÚRGICOS LTDA**
CNPJ/CPF: 55.313.936/0001-64

CERTIFICAMOS que a empresa acima identificada encontra-se regularmente inscrita no Cadastro de Fornecedores de Materiais e/ou Serviços da PETROBRAS e habilitada para as especialidades indicadas conforme relação em anexo.

A inscrição, representada pelo presente Certificado, não importa em obrigação de contratar, ficando o titular do mesmo sujeito aos procedimentos licitatórios pertinentes, quando for o caso.

RESSALTAMOS A IMPORTÂNCIA DE COMUNICAR-NOS QUALQUER ALTERAÇÃO EM SEUS DADOS CADASTRAIS (ENDEREÇO COMPLETO, DDD, TELEFONE, FAX, E-MAIL, RES-COA DE CONTATO, ETC.), A FIM DE EVITAR PREJUÍZOS NO RELACIONAMENTO ENTRE ESSA EMPRESA E A PETROBRAS.

O USO INDÉBITO DESTE CRCC CONSTITUI FALTA GRAVE PASSÍVEL DE SANÇÕES NO CADASTRO DE BENS E SERVIÇOS DA PETROBRAS, PODENDO A EMPRESA FICAR IMPEDIDA DE TRANSAÇIONAR COM TODO O SISTEMA PETROBRAS.

Roberval Ernesto Schiffer Filho
Roberval Ernesto Schiffer Filho
2011.09.20
17 47 20 -0300
Gerente do Cadastro de Fornecedores



Certificado de Registro e Classificação Cadastral - CRCC

Entidade: MACERTATS
No: 026201
Rev: 00
Data Emissão: 20 de Setembro de 2011
Data Validade: 13 de Setembro de 2012
Fornecedor: **BANDEIRANTES PRODUTOS ELETRO METALÚRGICOS LTDA**
CNPJ/CPF: 55.313.936/0001-64

Pág. 002

Este CRCC substitui e cancela os anteriores.

Este fornecedor está habilitado a fornecer as seguintes especialidades/materiais:
Atenção! Quando do processo de contratação/compra, a habilitação de cada material deverá ser confirmada no sistema de informação da PETROBRAS (SAP R/3), em decorrência de possíveis alterações na qualificação técnica que possam ocorrer durante a vigência do presente CRCC.

Famílias de material :

001 - 08.001.641
Cabo/bandeja cabo eletro em aço.

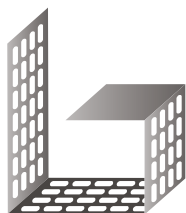
Requisitos Técnicos:
Detalhamento:
CALHA E BANDEJA DE AÇO PARA CABOS ELÉTRICOS;
COM OU SEM VÍROLA, VENTILADA COM TAMPA DE ENCAIXE OU APARAFUSADA

Tipo de Inspeção : X - Sem inspeção (materiais NROT):

002 - 08.001.001
Cabo/bandeja cabo eletro em alumínio:

Requisitos Técnicos:
Detalhamento:
CALHA E BANDEJA DE ALUMÍNIO PARA CABOS ELÉTRICOS;
COM OU SEM VÍROLA, VENTILADA COM TAMPA DE ENCAIXE OU APARAFUSADA

Tipo de Inspeção : X - Sem inspeção (materiais NROT):



BANDEIRANTES

Produtos Eletro Metalúrgicos

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INTRODUÇÃO

PERFILADOS E FERRAGENS

A linha de PERFILADOS E FERRAGENS fabricada pela Bandeirantes é composta por uma vasta quantidade de peças padronizadas, inter-relacionadas quanto ao sistema de aplicação, porém de utilizações as mais variadas.

O Emprego dessas peças permite a formação de um sistema completo, que será empregado na condução e derivação de fiação, sustentação de luminárias e também na sua autossustentação, garantindo assim, versatilidade, rapidez de montagem e economia.

Os Perfilados são utilizados para sustentação de luminárias e condução de fios e cabos elétricos para alimentação.

INTRODUCTION

STRUT CHANNEL AND FITTINGS

The STRUT CHANNEL and FITTINGS line made by Bandeirantes is composed of a vast quantity of standardized pieces with an interrelated application system, however, with various utilization.

The use of these pieces allows the formation of a complete system, which will be used in the conduction and derivation of wiring, lighting support and also its self-support. These characteristics ensure versatility, fast assembly and economy.

The Strut Channel are used for the support of lamps and the conduction of wires and electric cables for electrical power feeding.

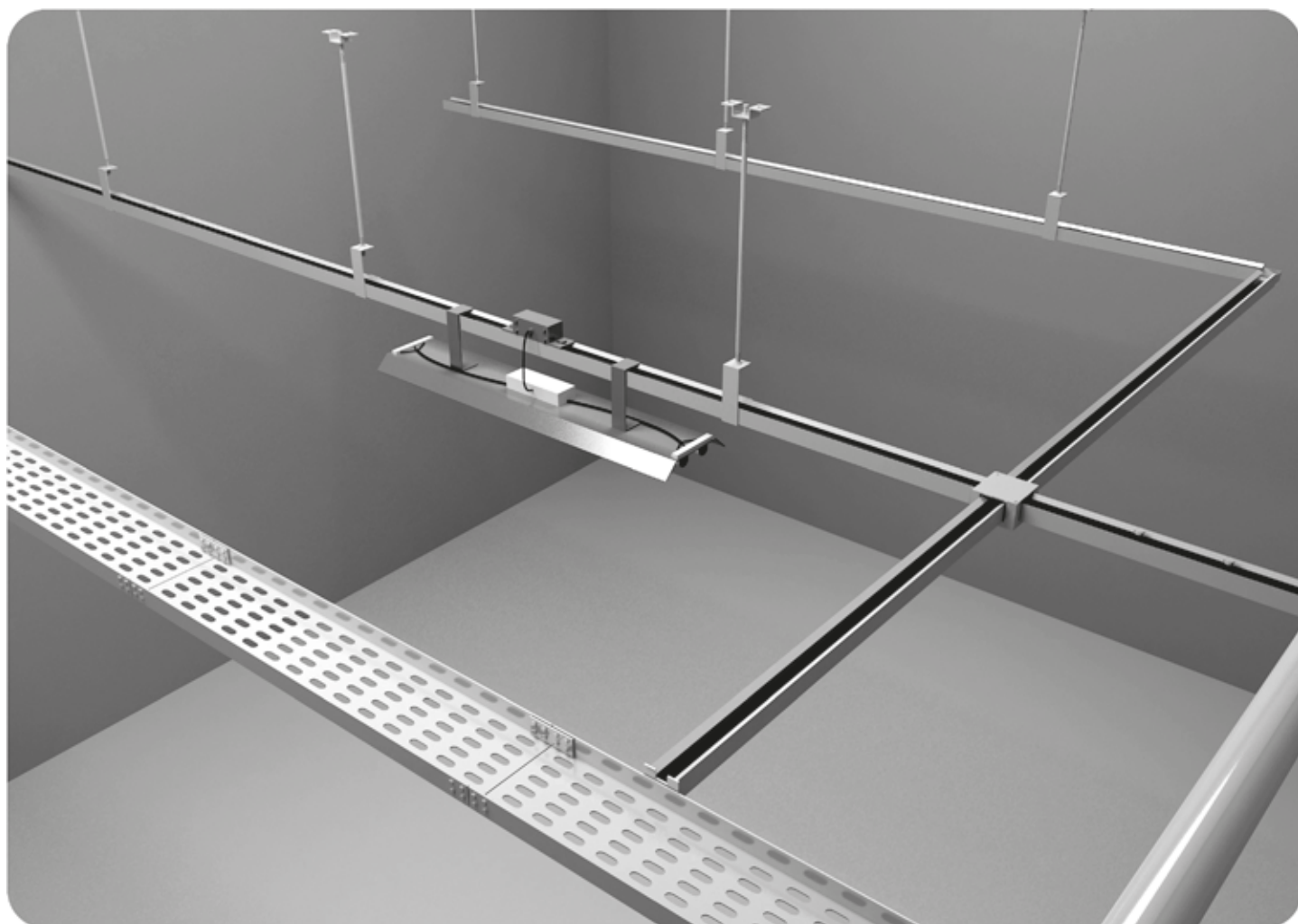


GRÁFICO PARA PERFILADOS

GRAPHICS FOR STRUT CHANNEL

GRÁFICO DE CARGA DISTRIBUÍDA (kgf/m) - PERFILADOS SIMPLES E CONJUGADOS

GRAPHIC OF DISTRIBUTED LOAD (kg / m) - SIMPLE AND COUPLED STRUT CHANNEL

S= PERFILADOS SIMPLES (REGULAR STRUT CHANNEL) - C= PERFILADOS CONJUGADOS (COUPLED STRUT CHANNEL)

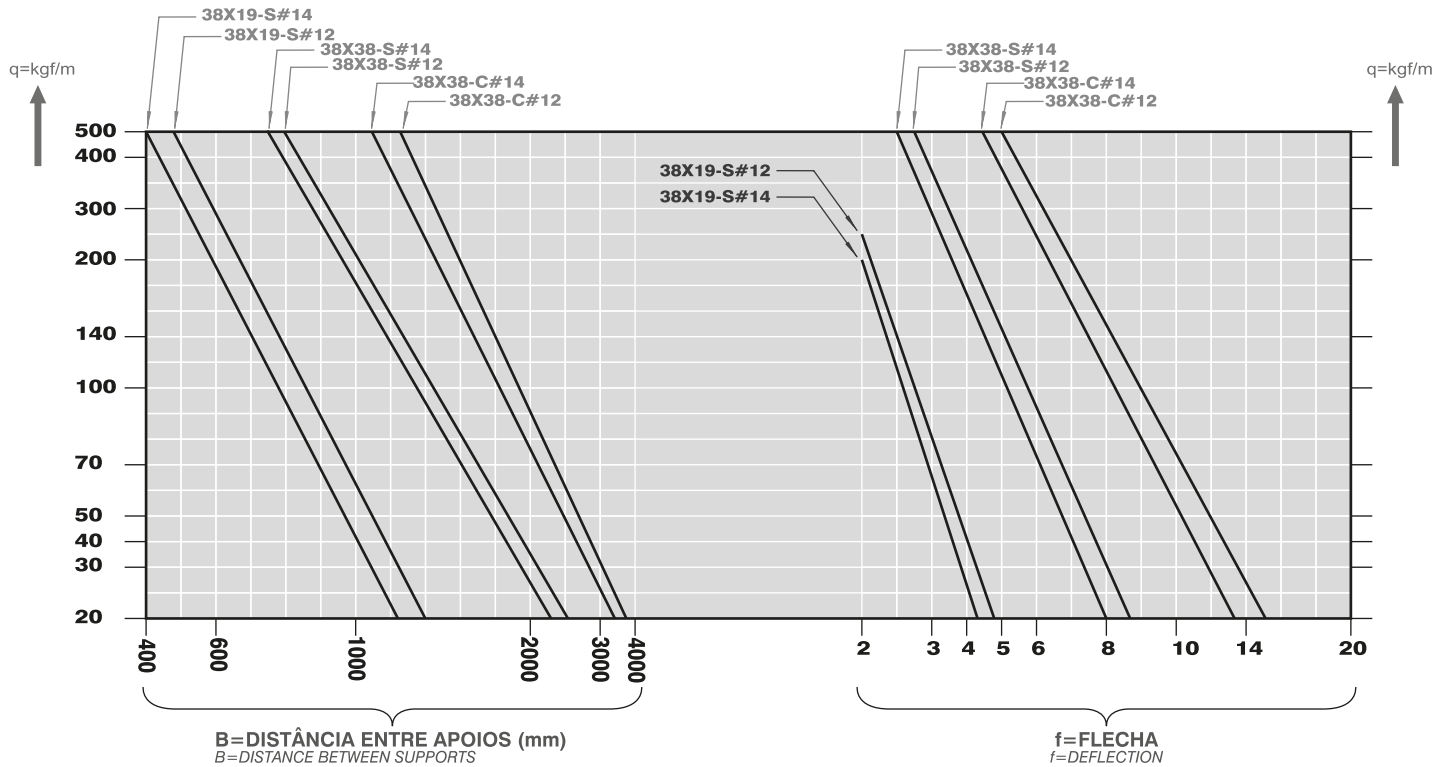
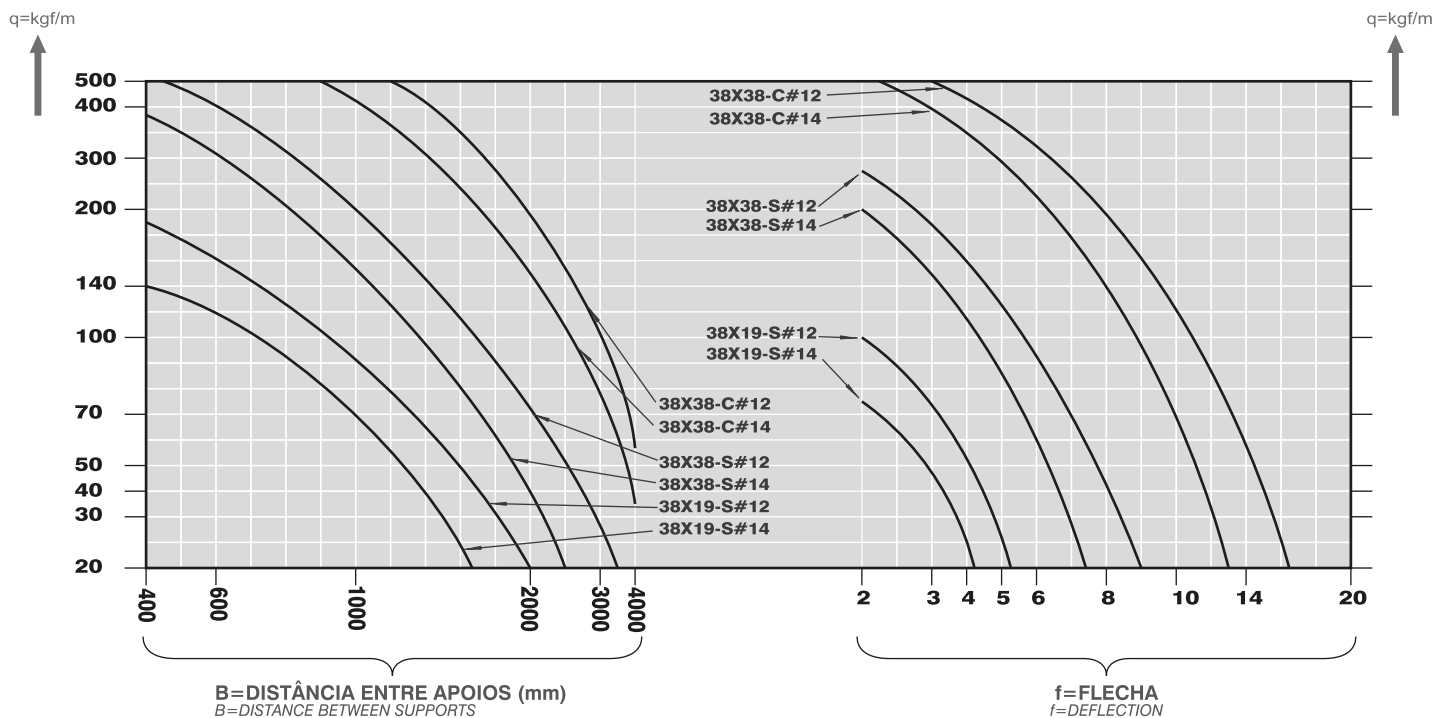


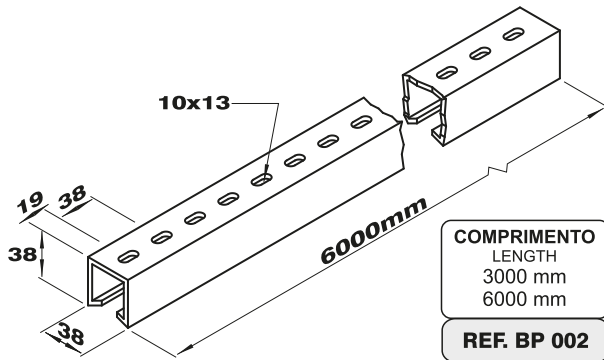
GRÁFICO DE CARGA CONCENTRADA (kgf/m) - PERFILADOS SIMPLES E CONJUGADOS

GRAPHIC OF CONCENTRADED LOAD (kg / m) - SIMPLE AND COUPLED STRUT CHANNEL

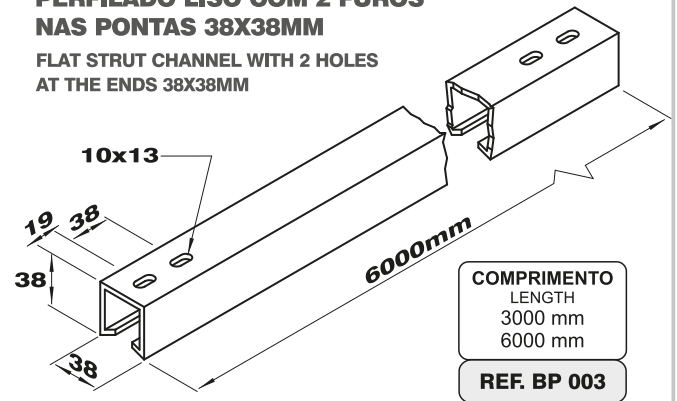
S= PERFILADOS SIMPLES (REGULAR STRUT CHANNEL) - C= PERFILADOS CONJUGADOS (COUPLED STRUT CHANNEL)



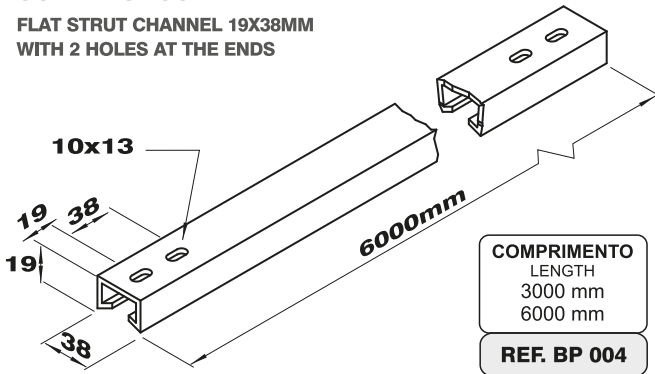
PERFILADO PERFURADO 38X38MM
SLOTTED STRUT CHANNEL 38X38MM



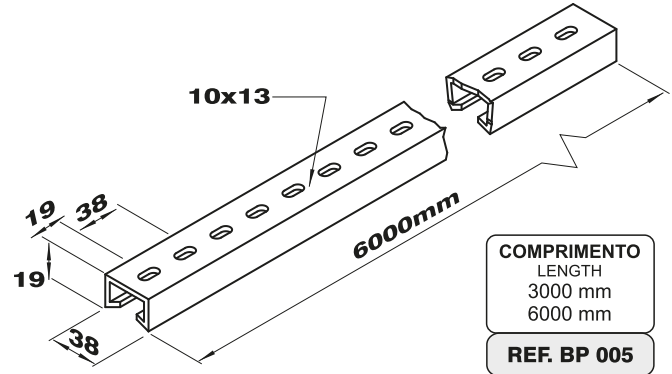
PERFILADO LISO COM 2 FUROS NAS PONTAS 38X38MM
FLAT STRUT CHANNEL WITH 2 HOLES AT THE ENDS 38X38MM



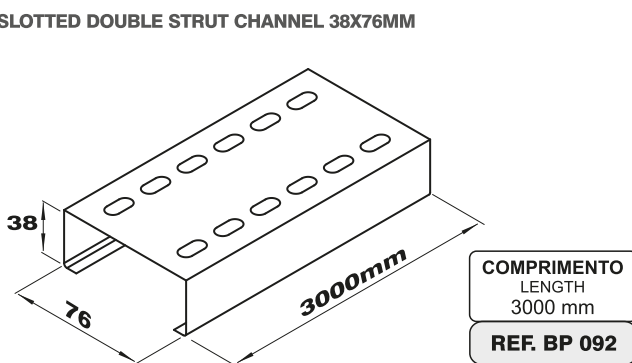
PERFILADO LISO 19X38MM COM 2 FUROS
FLAT STRUT CHANNEL 19X38MM WITH 2 HOLES AT THE ENDS



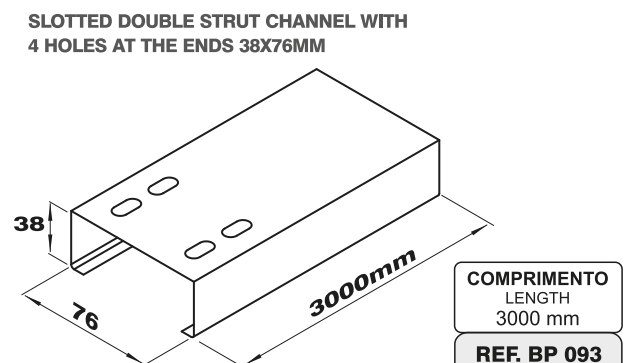
PERFILADO PERFURADO 19X38MM
SLOTTED STRUT CHANNEL 19X38MM



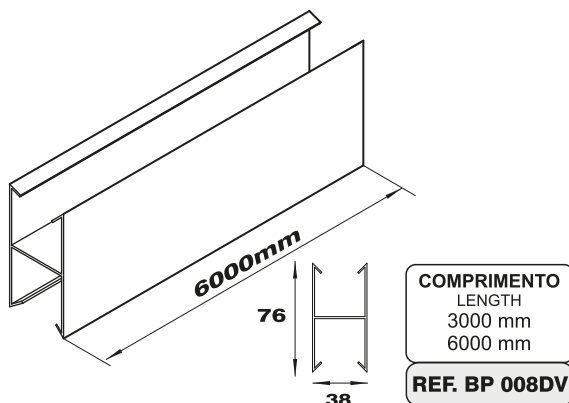
PERFILADO DUPLO PERFURADO 38X76MM
SLOTTED DOUBLE STRUT CHANNEL 38X76MM



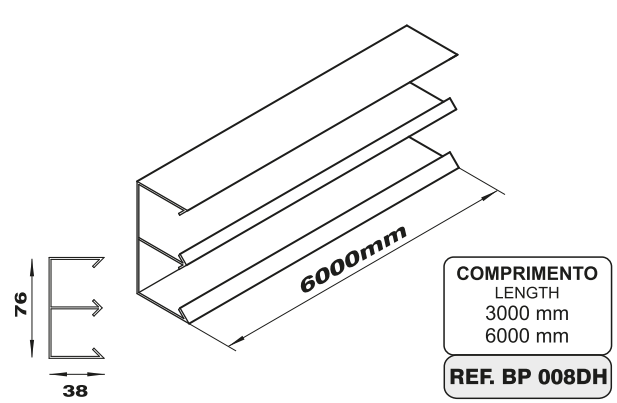
PERFILADO DUPLO COM 4 FUROS NAS PONTAS 38X76MM
SLOTTED DOUBLE STRUT CHANNEL WITH 4 HOLES AT THE ENDS 38X76MM



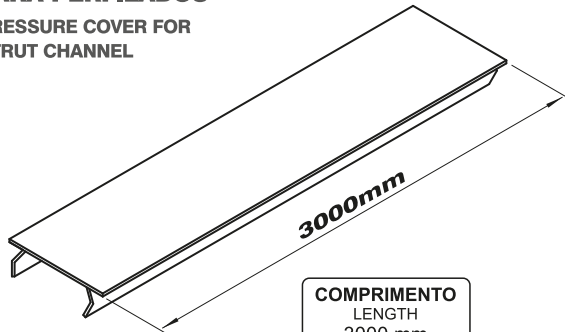
PERFILADO CONJUGADO VERTICAL
VERTICAL COUPLED STRUT CHANNEL



PERFILADO CONJUGADO HORIZONTAL
HORIZONTAL COUPLED STRUT CHANNEL

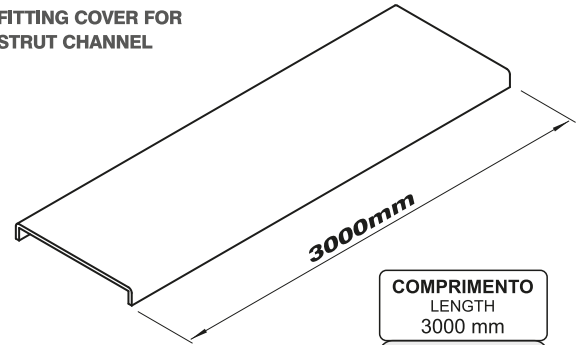


**TAMPA DE PRESSÃO
PARA PERFILADOS**

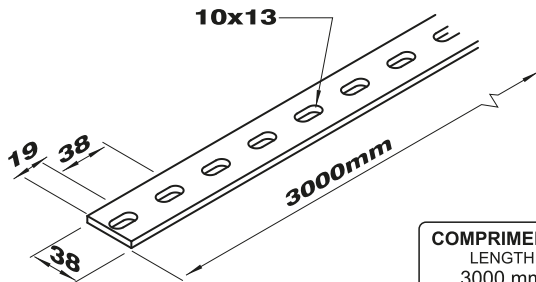
 PRESSURE COVER FOR
STRUT CHANNEL

 COMPRIMENTO
LENGTH
3000 mm

REF. BP 010

**TAMPA DE ENCAIXE
PARA PERFILADOS**

 FITTING COVER FOR
STRUT CHANNEL

 COMPRIMENTO
LENGTH
3000 mm

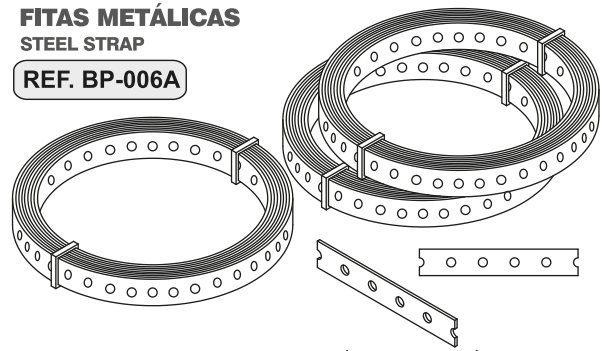
REF. BP 009

**FITA PERFURADA
SLOTTED STEEL STRAP**

 COMPRIMENTO
LENGTH
3000 mm

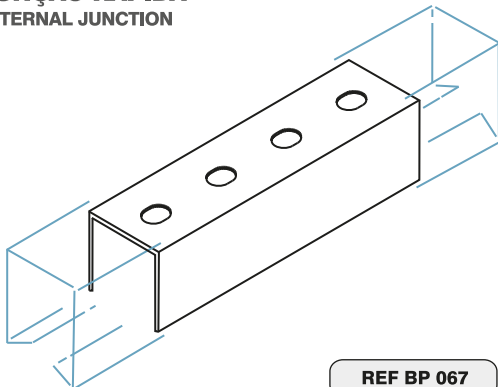
REF. BP 006

**FITAS METÁLICAS
STEEL STRAP**

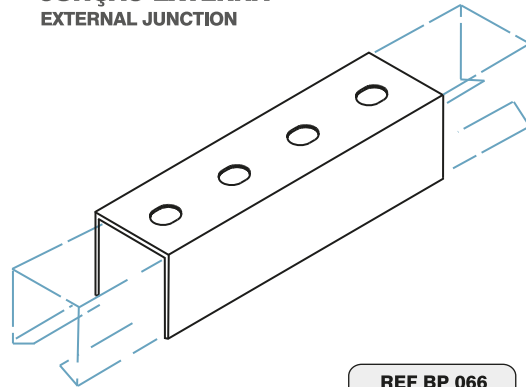
REF. BP-006A



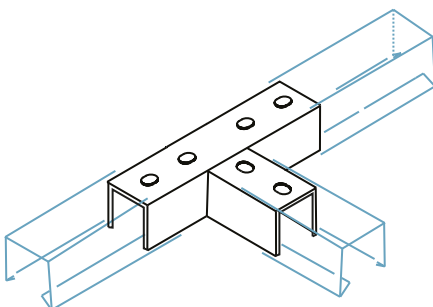
REF.	LARGURA WIDTH (mm)	ESPESSURA THICKNESS (mm)	DIÂMETRO DO FURO HOLE DIAMETER (mm)	DISTÂNCIA ENTRE FURUS DISTANCE BETWEEN HOLES (mm)	ROLOS ROLLS (m)
BP-006A	19	0,50	7	10	30

**JUNÇÃO RÁPIDA
INTERNAL JUNCTION**


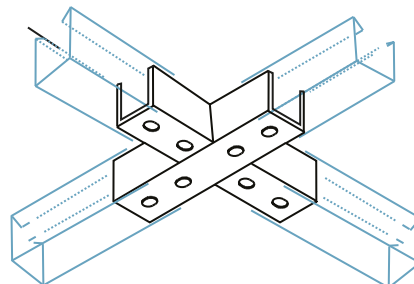
REF BP 067

**JUNÇÃO EXTERNA
EXTERNAL JUNCTION**


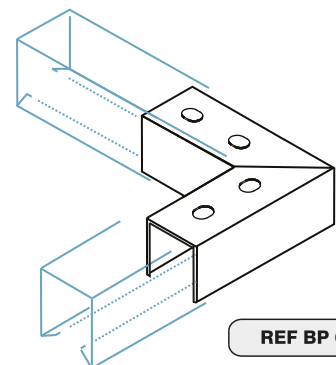
REF BP 066

**JUNÇÃO RÁPIDA "T"
INTERNAL JUNCTION "T"**


REF BP 069

**JUNÇÃO RÁPIDA "X"
INTERNAL JUNCTION "X"**


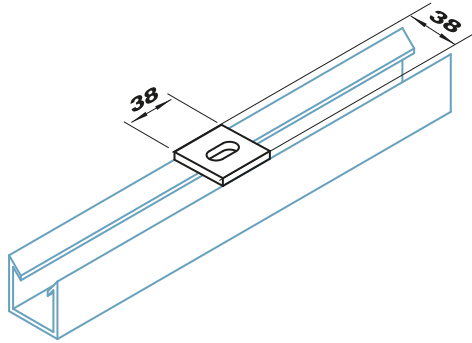
REF BP 070

**JUNÇÃO RÁPIDA "L"
INTERNAL JUNCTION "L"**


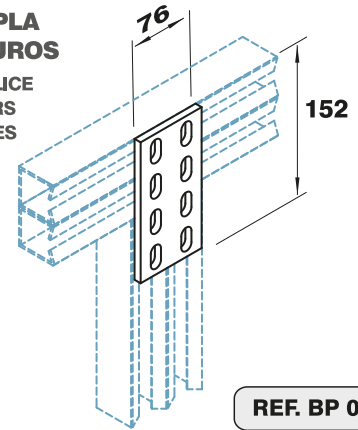
REF BP 068

TALA
SPLICE PLATES

FUROS HOLES	REF.
1	BP 011
2	BP 012
3	BP 013
4	BP 014
5	BP 015
6	BP 016

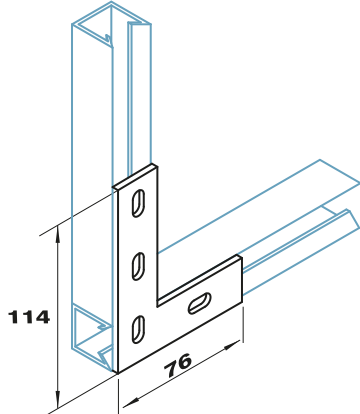


**TALA DUPLA
COM 8 FUROS**
DOUBLE SPLICE
CONNECTORS
WITH 8 HOLES



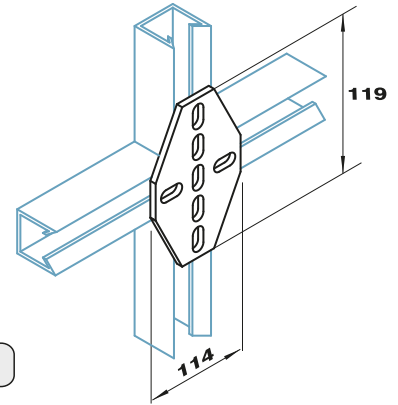
REF. BP 018

JUNÇÃO "L" RETA
"L" STRAIGHT JUNCTION



REF. BP 021

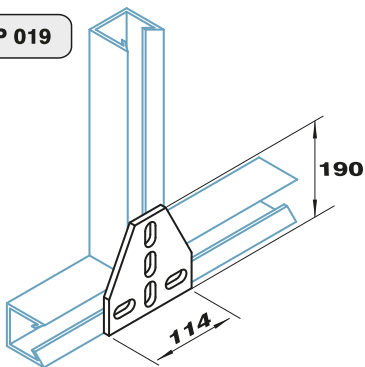
JUNÇÃO "X" COM 7 FUROS
"X" JUNCTION WITH 7 HOLES



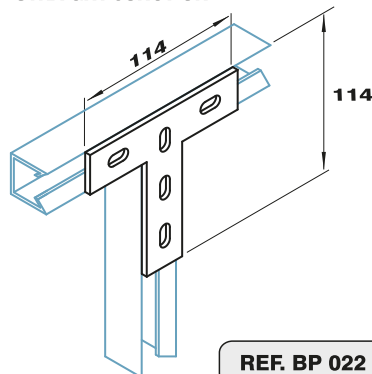
REF. BP 020

JUNÇÃO "T"
"T" JUNCTION

REF. BP 019

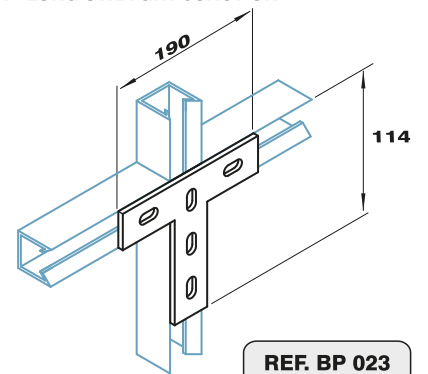


JUNÇÃO "T" RETA
"T" STRAIGHT JUNCTION



REF. BP 022

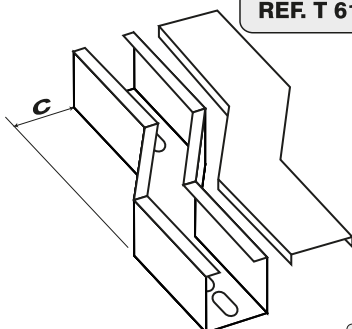
JUNÇÃO "T" RETA LONGA
"T" LONG STRAIGHT JUNCTION



REF. BP 023

DESVIO A ESQUERDA
LEFT SIDE DETOUR

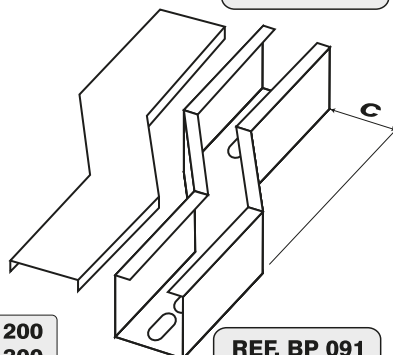
REF. T 618P



REF. BP 090

DESVIO A DIREITA
RIGHT SIDE DETOUR

REF. T 619P

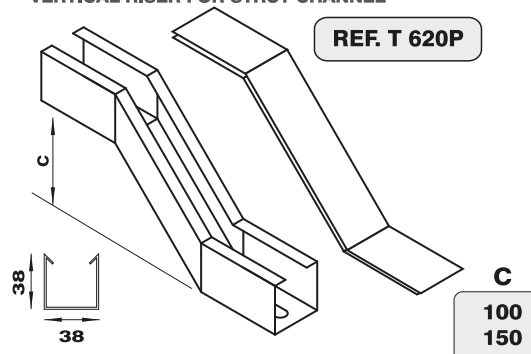


REF. BP 091

C	100	200
	150	300

DESNÍVEL PARA PERFILADO
VERTICAL RISER FOR STRUT CHANNEL

REF. T 620P



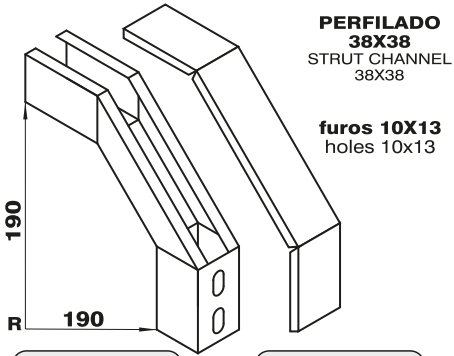
REF. BP 083

furos 10X13
holes 10x13

C
100
150
200
300



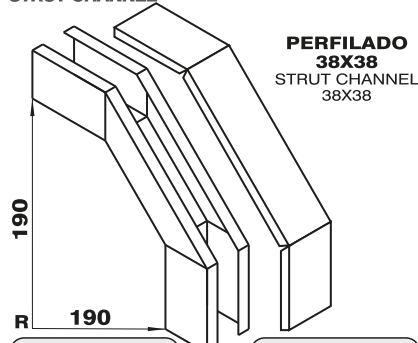
CURVA DE INVERSÃO INVERSION BEND FOR STRUT CHANNEL



REF. BP 082

REF. T 518P

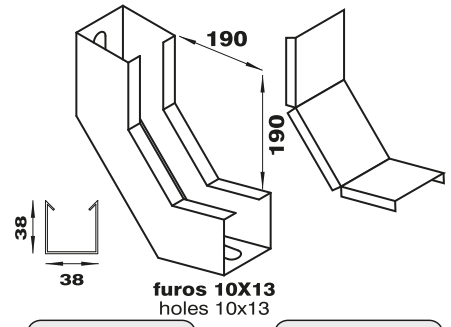
CURVA VERTICAL EXTERNA EXTERNAL VERTICAL BEND FOR STRUT CHANNEL



REF. BP 081

REF. T 516P

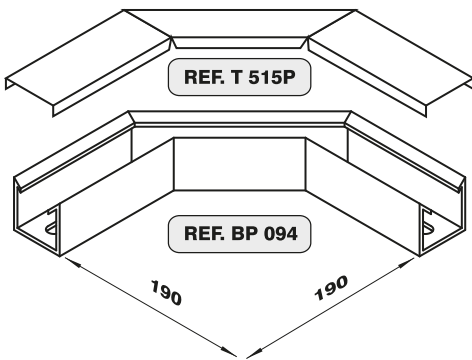
CURVA VERTICAL INTERNA INTERNAL VERTICAL BEND FOR STRUT CHANNEL



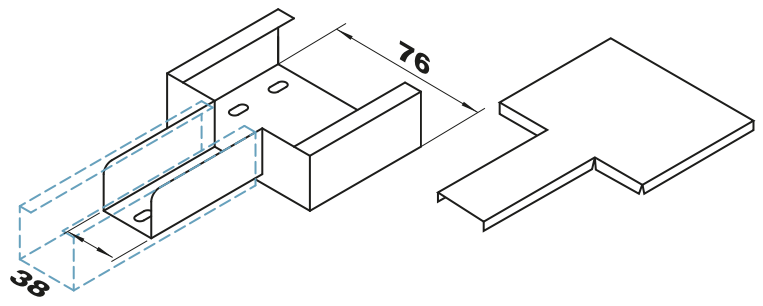
REF. BP 080

REF. T 517P

CURVA HORIZONTAL HORIZONTAL BEND



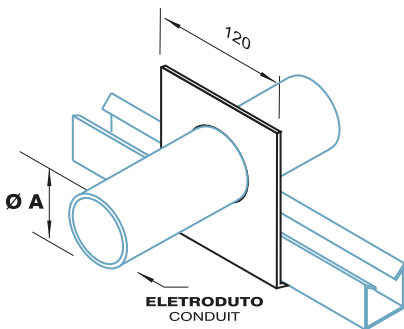
REDUÇÃO CONCÊNTRICA 38x38mm STRAIGHT REDUCTION FOR STRUT CHANNEL 38X38MM



REF. BP 086

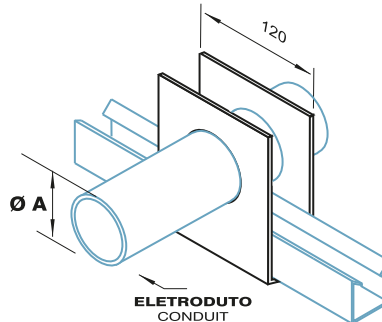
REF. T 534P

SAÍDA VERTICAL VERTICAL CONDUIT TAKE OFF BRACKET FOR STRUT CHANNEL



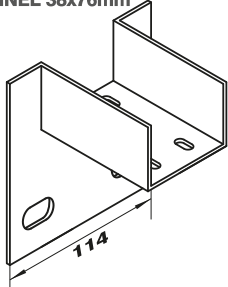
REF.	Ø NOM
BP 126A	1/2"
BP 126B	3/4"
BP 126C	1"
BP 126D	1 1/4"
BP 126E	1 1/2"
BP 126F	2"
BP 126G	2 1/2"
BP 126H	3"
BP 126I	3 1/2"
BP 126J	4"

SAÍDA VERTICAL DUPLA VERTICAL CONDUIT TAKE OFF BRACKET FOR STRUT CHANNEL



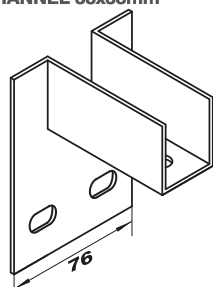
REF.	Ø NOM
BP 127A	1/2"
BP 127B	3/4"
BP 127C	1"
BP 127D	1 1/4"
BP 127E	1 1/2"
BP 127F	2"
BP 127G	2 1/2"
BP 127H	3"
BP 127I	3 1/2"
BP 127J	4"

SAÍDA HORIZONTAL 38x76mm HORIZONTAL CONDUIT TAKE OFF BRACKET FOR STRUT CHANNEL 38x76mm



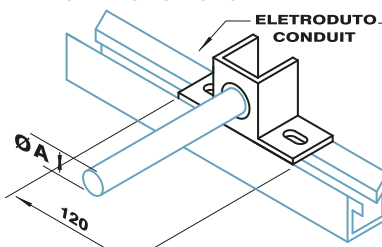
REF. BE 048B

SAÍDA HORIZONTAL 38x38mm HORIZONTAL CONDUIT TAKE OFF BRACKET FOR STRUT CHANNEL 38x38mm



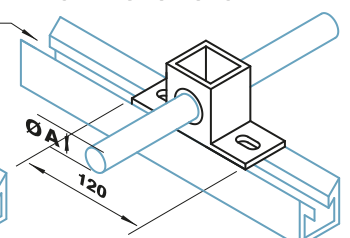
REF. BE 048A

SAÍDA LATERAL SIDE CONDUIT TAKE OFF BRACKET FOR STRUT CHANNEL



REF.	Ø NOM
BP 063A	1/2"
BP 063B	3/4"
BP 063C	1"

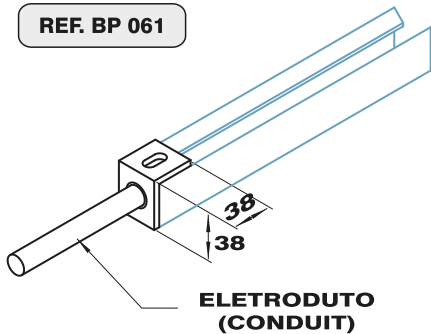
SAÍDA DUPLA LATERAL DOUBLE SIDES CONDUIT TAKE OFF BRACKET FOR STRUT CHANNEL



REF.	Ø NOM
BP 064A	1/2"
BP 064B	3/4"
BP 064C	1"

SAÍDA FINAL
CONDUIT CONNECTION END CAP Ø3/4"

REF. BP 061

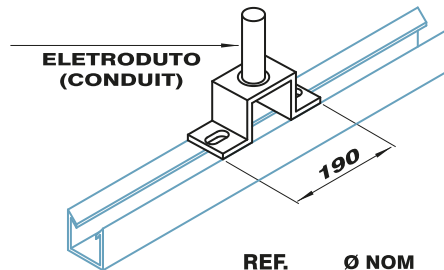


ELETRODUTO
(CONDUIT)

REF.	Ø NOM
BP 061A	1/2"
BP 061B	3/4"
BP 061C	1"

SAÍDA SUPERIOR
CONDUIT CONNECTION UPPER Ø3/4"

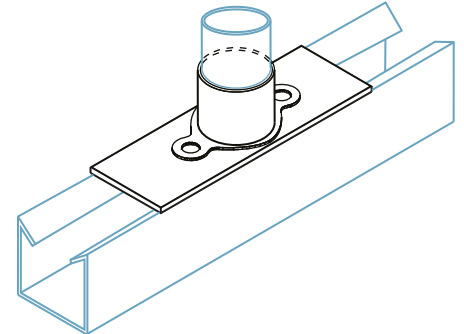
REF. BP 062



ELETRODUTO
(CONDUIT)

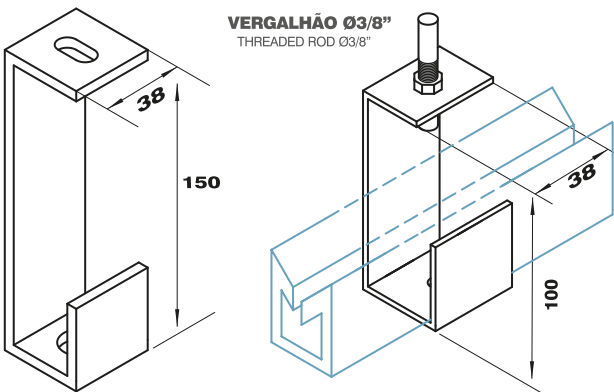
REF.	Ø NOM
BP 062A	1/2"
BP 062B	3/4"
BP 062C	1"

SAÍDA COM LUVA
CONDUIT CONNECTION
WITH COUPLING PIPE



REF.	FUROS
BP 071A	1/2"
BP 071B	3/4"

GANCHO PARA PERFILADO 38X38MM
HANGER BRACKET FOR STRUT CHANNEL 38X38MM



VERGALHÃO Ø3/8"
THREADED ROD Ø3/8"

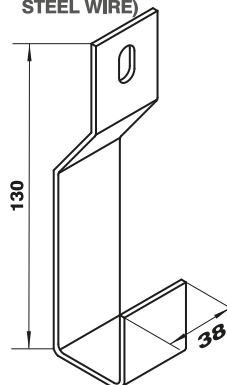
LONGO
LONG

BP 125B

CURTO
SHORT

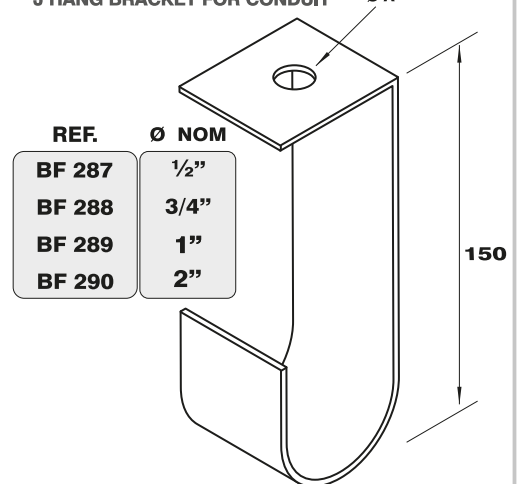
BP 125A

SUSPENSO ATRAVÉS DE CABO DE AÇO
STEEL WIRE HANG
BRACKET FOR STRUT
CHANNEL 38X38
(SUSPENDED BY
STEEL WIRE)



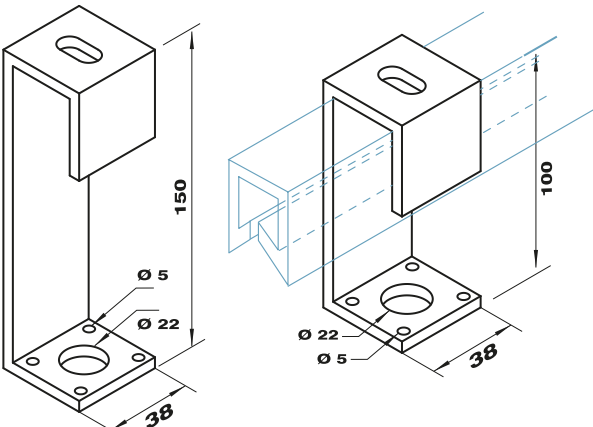
BP 084

SUPORTE J PARA TUBO
Ø3/8", 1/2", 3/4" E 1"
J HANG BRACKET FOR CONDUIT



REF.	Ø NOM
BF 287	1/2"
BF 288	3/4"
BF 289	1"
BF 290	2"

GANCHO PARA LUMINÁRIA
HANG BRACKET FOR LIGHTING



LONGO
LONG

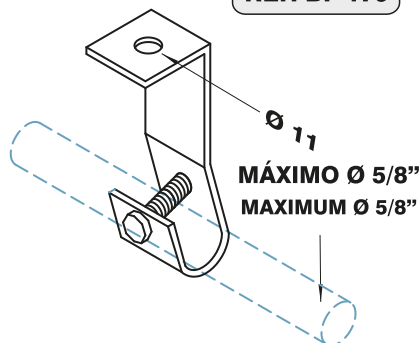
BP 124B

CURTO
SHORT

BP 124A

GANCHO PARA CABO DE AÇO
STEEL WIRE HANG BRACKET

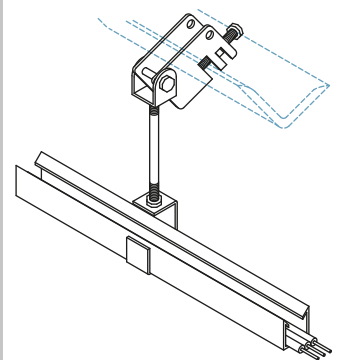
REF. BF 179



Ø 17
MÁXIMO Ø 5/8"
MAXIMUM Ø 5/8"

INCLUSO
PARAFUSO Ø3/8" X 1 1/4"
E PORCA SEXTAVADA - Ø3/8"
INCLUDES
SCREW Ø3/8" X 1 1/4"
AND HEXAGONAL NUT - Ø3/8"

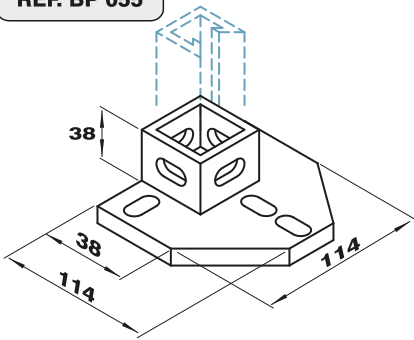
**DEMONSTRATIVO
DE MONTAGEM**
EXAMPLE OF ASSEMBLY





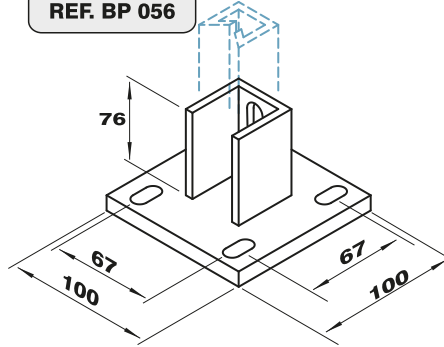
SAPATA REFORÇADA REINFORCED POST BASE

REF. BP 055



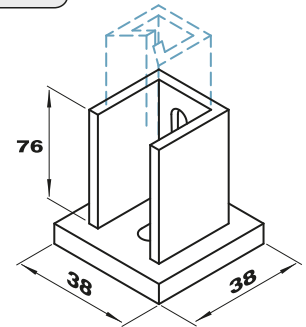
SAPATA INTERNA 4 FUROS REINFORCED POST BASE WITH 4 HOLES

REF. BP 056



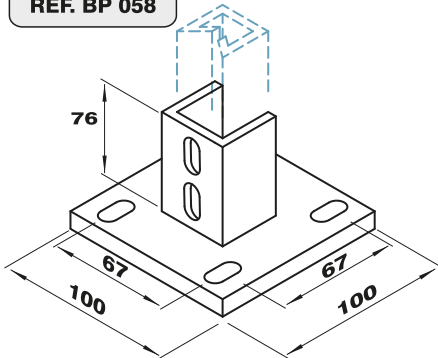
SAPATA RÁPIDA 1 FURO FAST POST BASE WITH 1 HOLE

REF. BP 057

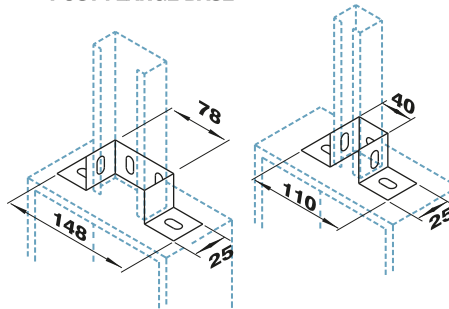


SAPATA EXTERNA 4 FUROS EXTERNAL POST BASE WITH 4 HOLES

REF. BP 058

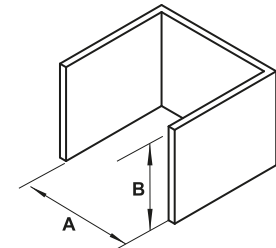


BASE PARA LIGAÇÃO EM PAINEL (FLANGE) POST FLANGE BASE



REF. BP 085

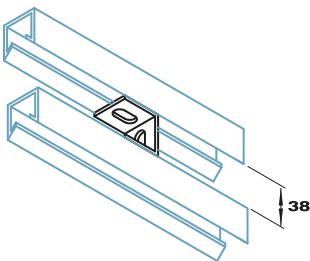
TERMINAL PARA PERFILADO BLIND END FOR STRUT CHANNEL



REF. BP 089

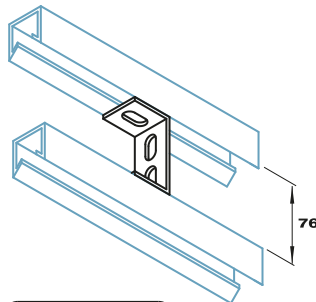
A	B
38	19
38	38
76	38

DISTANCIADOR "U" SIMPLES SIMPLE "U" DISTANCER



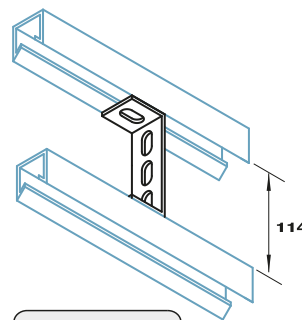
REF. BP 049

DISTANCIADOR "U" DUPLO DOUBLE "U" DISTANCER



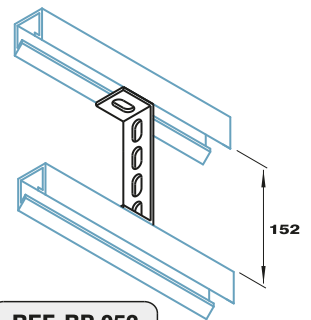
REF. BP 050

DISTANCIADOR "U" TRIPLO TRIPLE "U" DISTANCER



REF. BP 051

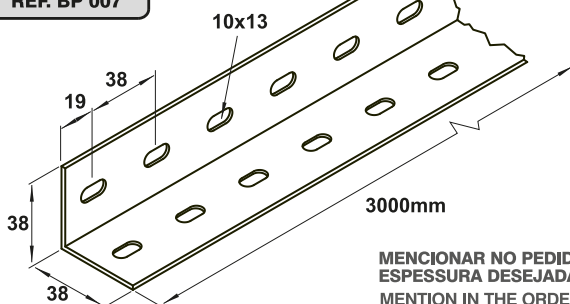
DISTANCIADOR "U" QUÁDRUPLO QUADRUPLE "U" DISTANCER



REF. BP 052

CANTONEIRA PERFORADA PERFORATED ANGLE BAR

REF. BP 007

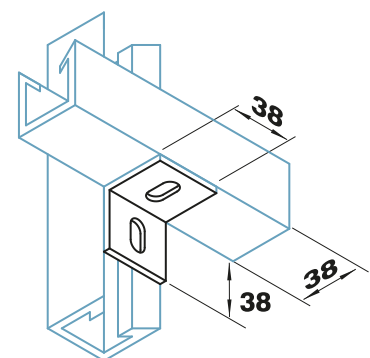


MENCIONAR NO PEDIDO A
ESPESSURA DESEJADA
MENTION IN THE ORDER
THE THICKNESS REQUIRED
#14 #12

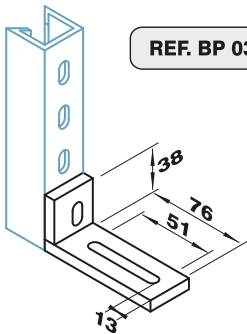
CANTONEIRA ANGLE BRACKET

HOLES FUROS

- 2 REF. BP 025
- 3 REF. BP 026
- 4 REF. BP 027
- 5 REF. BP 028
- 6 REF. BP 029

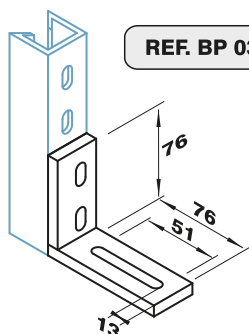


CANTONEIRA COM 1 FURO E RASGO
ANGLE BRACKET WITH 1 HOLE AND 1 SLOT



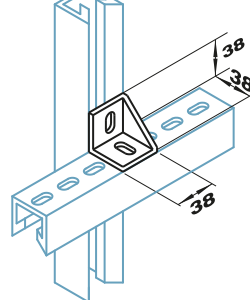
REF. BP 033

CANTONEIRA COM 2 FUROS E RASGO
ANGLE BRACKET WITH 2 HOLES AND SLOT



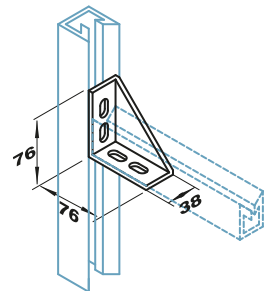
REF. BP 034

CANTONEIRA REFORÇADA COM 2 FUROS
REINFORCED ANGLE BRACKET WITH 2 HOLES



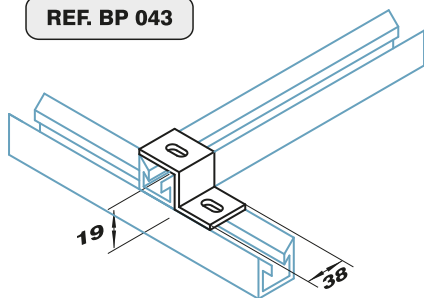
REF. BP 035

CANTONEIRA REFORÇADA COM 4 FUROS
REINFORCED ANGLE BRACKET WITH 4 HOLES



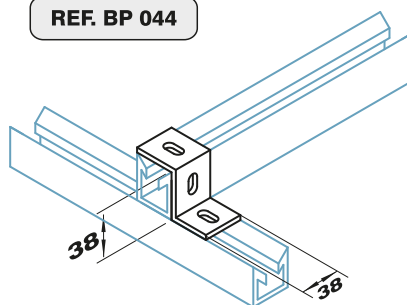
REF. BP 036

CANTONEIRA "Z" BAIXA
LOW "Z" ANGLE BRACKET



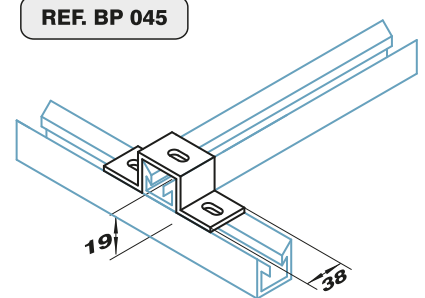
REF. BP 043

CANTONEIRA "Z"
"Z" ANGLE BRACKET



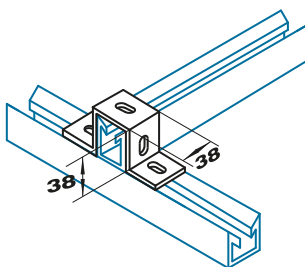
REF. BP 044

CANTONEIRA "ZZ" BAIXA
LOW "ZZ" ANGLE BRACKET



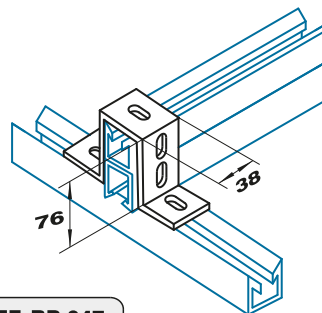
REF. BP 045

CANTONEIRA "ZZ"
"ZZ" ANGLE BAR SUPPORT



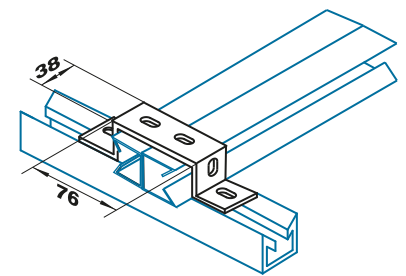
REF. BP 046

CANTONEIRA "ZZ" DUPLA VERTICAL
DOUBLE VERTICAL "ZZ" ANGLE BRACKET



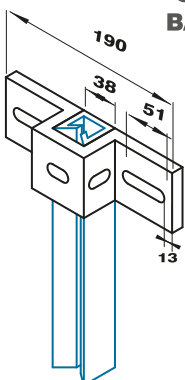
REF. BP 047

CANTONEIRA "ZZ" DUPLA HORIZONTAL
DOUBLE HORIZONTAL "ZZ" ANGLE BRACKET



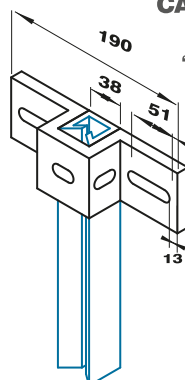
REF. BP 048

CANTONEIRA "ZZ" BAIXA COM RASGO
LOW "ZZ" ANGLE BRACKET WITH SLOT



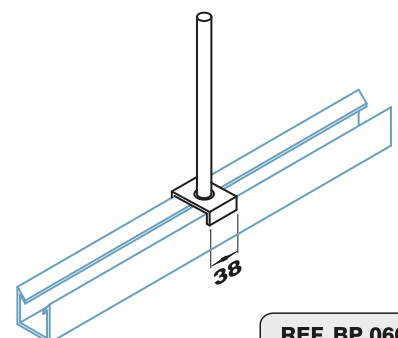
REF. BP 053

CANTONEIRA "ZZ" COM RASGO
"ZZ" ANGLE BRACKET WITH SLOT



REF. BP 054

ARRUELA ADAPTADORA
ADAPTER WASHER

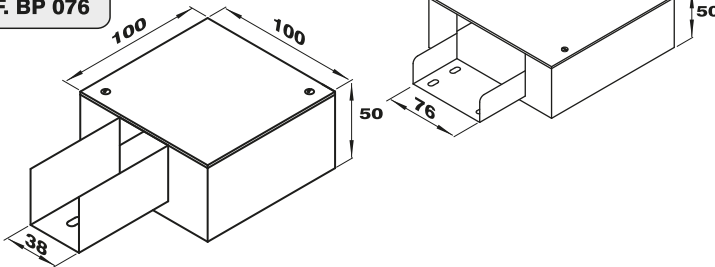


REF. BP 060



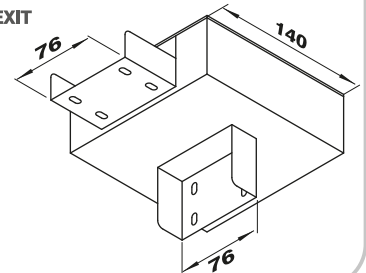
CAIXA DE DERIVAÇÃO "I" "I" JUNCTION BOX

REF. BP 076



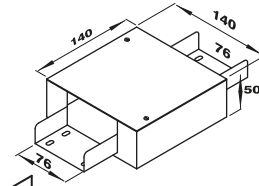
CAIXA DE DERIVAÇÃO "I" PARA PERFILADO DUPLO COM 1 SAÍDA INFERIOR

"I" JUNCTION BOX FOR DOUBLE
SHAPE WITH 1 LOWER EXIT



REF. BP 100

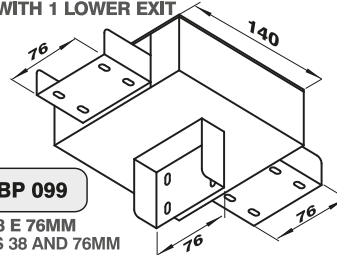
CAIXA DE DERIVAÇÃO "C" "C" JUNCTION BOX



REF. BP 075

CAIXA DE DERIVAÇÃO "C" PARA PERFILADO DUPLO COM 1 SAÍDA INFERIOR

"C" JUNCTION BOX FOR DOUBLE
SHAPE WITH 1 LOWER EXIT

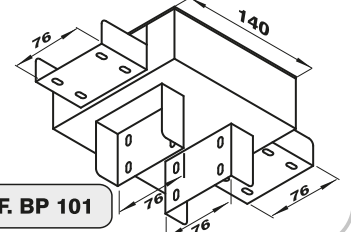


REF. BP 099

SAÍDA 38 E 76MM
OUTLETS 38 AND 76MM

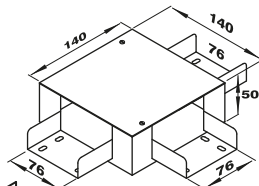
CAIXA DE DERIVAÇÃO "C" PARA PERFILADO DUPLO COM 2 SAÍDAS INFERIORES

"C" JUNCTION BOX FOR DOUBLE
SHAPE WITH 2 LOWER OUTLETS



REF. BP 101

CAIXA DE DERIVAÇÃO "T" "T" JUNCTION BOX

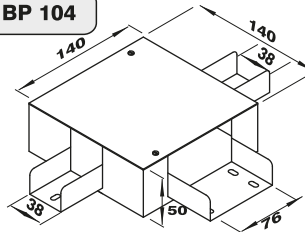


REF. BP 072

CAIXA DE DERIVAÇÃO "T" PARA 2 PERFILADOS DE 38 E 1 DE 76

"T" JUNCTION BOX FOR 2 38 STRUT
CHANNEL AND 1 OF 76 STRUT CHANNEL

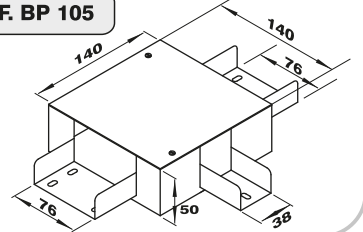
REF. BP 104



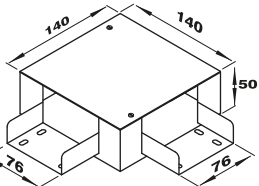
CAIXA DE DERIVAÇÃO "T" PARA 2 PERFILADOS DE 76 COM SAÍDA PARA 38

"T" JUNCTION BOX FOR 2 76 STRUT
CHANNELS WITH 1 38 STRUT CHANNEL

REF. BP 105



CAIXA DE DERIVAÇÃO "L" "L" JUNCTION BOX

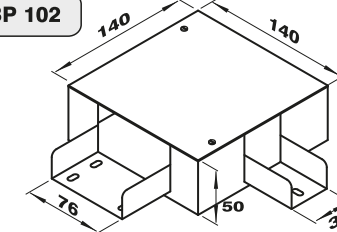


REF. BP 074

CAIXA DE DERIVAÇÃO "L" DIREITA PARA PERFILADOS DE 38 E 76

RIGHT SIDE "L" JUNCTION BOX FOR
38 AND 76 STRUT CHANNELS

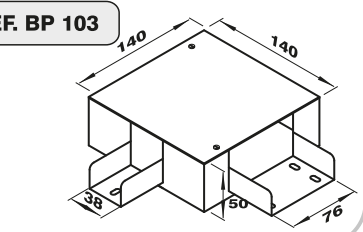
REF. BP 102



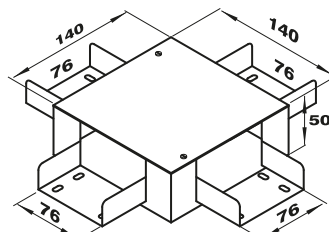
CAIXA DE DERIVAÇÃO "L" ESQUERDA PARA PERFILADOS DE 38 E 76 MM

LEFT SIDE "L" JUNCTION BOX FOR
38 AND 76 STRUT CHANNEL

REF. BP 103



CAIXA DE DERIVAÇÃO "X" "X" JUNCTION BOX

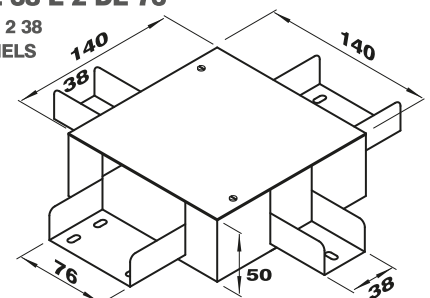


REF. BP 073

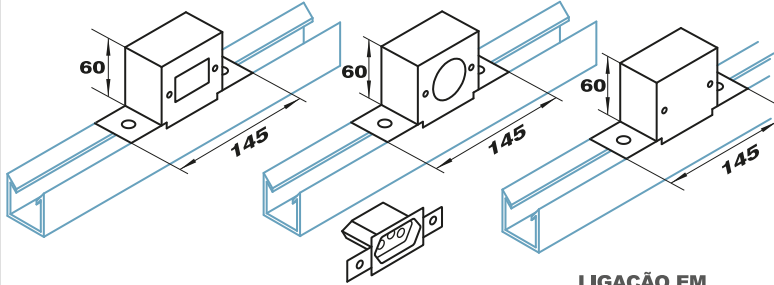
CAIXA DE DERIVAÇÃO "X" PARA 2 PERFILADOS DE 38 E 2 DE 76

"X" JUNCTION BOX FOR 2 38
AND 2 76 STRUT CHANNELS

REF. BP 106



CAIXAS PARA TOMADA EM PERFILADO
OUTLET BOX FOR STRUT CHANNEL



OPÇÃO: FURO QUADRADO OU REDONDO
OPTIONS: ROUND OR SQUARE HOLE

REF. BP 077

TOMADA OPÇÃO: 10 ou 20 AMPERES
OUTLET OPTION: 10 OR 20 AMPS

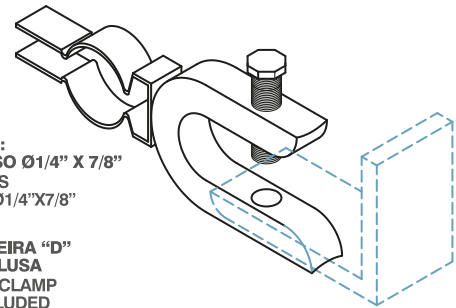
REF. BF 234

LIGAÇÃO EM PERFILADO
CONNECTION IN STRUT CHANNEL

REF. BP 079

GRAMPO "C" ROSCA Ø1/4"
"C" CLAMP WITH THREAD Ø1/4"

REF. BF 332

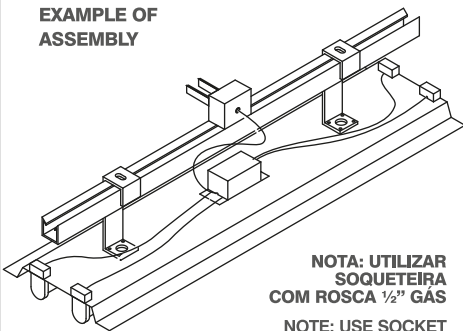


INCLUSO: PARAFUSO Ø1/4" X 7/8"
INCLUDES SCREW Ø1/4" X 7/8"

BRACEIRA "D" NÃO INCLUSA
"D" PIPE CLAMP NOT INCLUDED

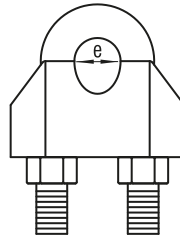
DEMONSTRATIVO DE MONTAGEM
EXAMPLE OF ASSEMBLY

EXAMPLE OF ASSEMBLY



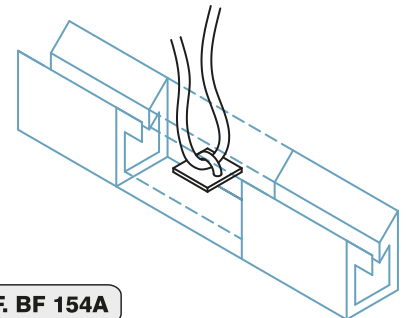
NOTA: UTILIZAR SOQUETEIRA COM ROSCA 1/2" GAS
NOTE: USE SOCKET WITH THREAD OF 1/2" GAS

CONECTOR DE PRESSÃO PARA CABO DE AÇO Ø1/8"
PRESSURE CONNECTOR FOR STEEL WIRE Ø1/8"



REF. BF 153

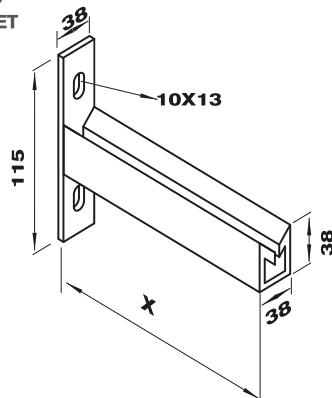
SUSPENSOR PARA CABO DE AÇO Ø1/8"
HANGER BRACKET FOR STEEL WIRE Ø1/8"



REF. BF 154A

MÃO FRANCESA SIMPLES
SIMPLE CANTILEVER ARM BRACKET

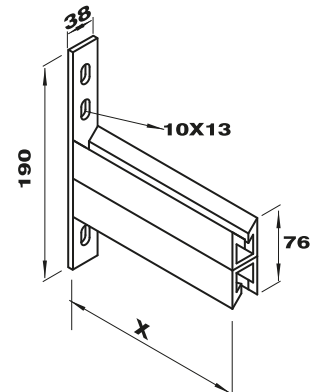
BE 049	X=50
BE 050	X=75
BE 051	X=100
BE 052	X=125
BE 053	X=150
BE 054	X=200
BE 055	X=250
BE 056	X=300
BE 057	X=350
BE 058	X=400
BE 059	X=450
BE 060	X=500
BE 061	X=550
BE 062	X=600



MÃO FRANCESA DUPLA
DOUBLE CANTILEVER ARM BRACKET

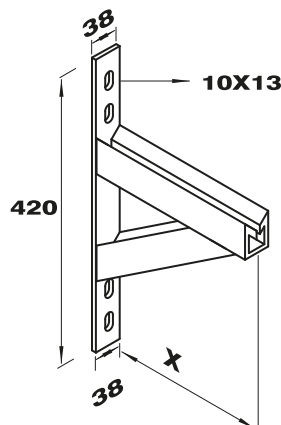
BE 063	X=50
BE 064	X=75
BE 065	X=100
BE 066	X=150
BE 067	X=200
BE 068	X=250
BE 069	X=300
BE 070	X=350
BE 071	X=400
BE 072	X=450

BE 073	X=500
BE 074	X=550
BE 075	X=600
BE 076	X=650
BE 077	X=700
BE 078	X=750
BE 079	X=800
BE 080	X=850
BE 081	X=900



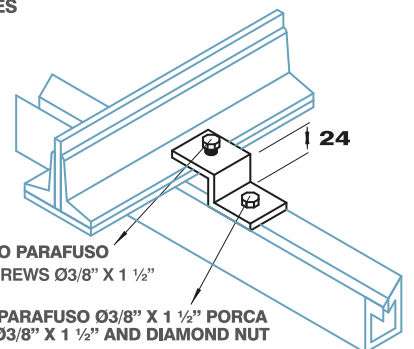
MÃO FRANCESA REFORÇADA
REINFORCED CANTILEVER ARM BRACKET

BE 082	X=100	BE 092	X=600
BE 083	X=150	BE 093	X=650
BE 084	X=200	BE 094	X=700
BE 085	X=250	BE 095	X=750
BE 086	X=300	BE 096	X=800
BE 087	X=350	BE 097	X=850
BE 088	X=400	BE 098	X=900
BE 089	X=450	BE 099	X=950
BE 090	X=500	BE 100	X=1000
BE 091	X=550		



TALA COMPRESSORA
PRESSURE SPLICE PLATES

REF. BF 191F



INCLUSO PARAFUSO
INCLUDES SCREWS Ø3/8" X 1 1/2"

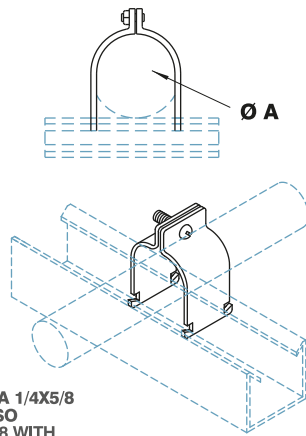
NÃO INCLUSO PARAFUSO Ø3/8" X 1 1/2" PORCA LOSANGULAR Ø3/8" X 1 1/2" AND DIAMOND NUT
NOT INCLUDES SCREW 3/8" X 1.1/2", HEXAGONAL BOLT 3/8" X 1.1/2" AND DIAMOND NUT



ABRAÇADEIRA "U" PERFIL COM PARAFUSO

U BOLT PIPE CLAMP WITH SCREW

REF.	Ø NOM.
BF 181	1/2"
BF 182	3/4"
BF 183	1"
BF 184	1 1/4"
BF 185	1 1/2"
BF 186	2"
BF 187	2 1/2"
BF 188	3"
BF 189	3 1/2"
BF 190	4"



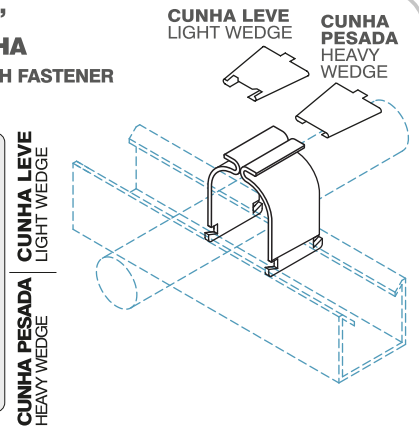
PARAFUSO CABEÇA REDONDA FENDA 1/4X5/8 E PORCA SEXTAVADA DE 1/4 INCLUSO
ROUND HEAD SLOTTED SCREW 1/4X5/8 WITH 1/4 HEXAGONAL NUT INCLUDED

ABRAÇADEIRA "U" PERFIL COM CUNHA

U BOLT PIPE CLAMP WITH FASTENER

REF.	Ø NOM.
BF 192	1/2"
BF 193	3/4"
BF 194	1"
BF 195	1 1/4"
BF 196	1 1/2"
BF 197	2"
BF 198	2 1/2"
BF 199	3"
BF 200	3 1/2"
BF 201	4"

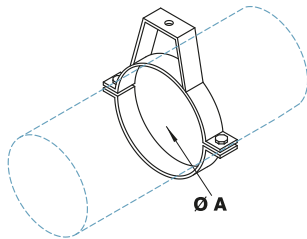
CUNHA INCLUSA
WEDGE INCLUDED



ABRAÇADEIRA UNIÃO HORIZONTAL

HORIZONTAL UNION PIPE CLAMP

REF.	Ø NOM.
BF 241	1/2"
BF 242	3/4"
BF 243	1"
BF 244	1 1/4"
BF 245	1 1/2"
BF 246	2"
BF 247	2 1/2"
BF 248	3"
BF 249	3 1/2"
BF 250	4"
BF 251	5"
BF 252	6"
BF 253	8"
BF 254	10"
BF 255	12"



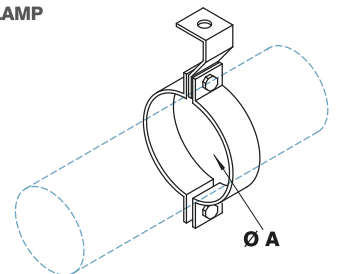
PARAFUSOS E PORCAS INCLUSO (DIMENSÕES CONFORME TABELA PARA ABRAÇADEIRA)
NUTS AND BOLTS INCLUDED (SIZES AS WRITTEN AT THE CHART FOR CLAMP)

TAMANHO DA ABRAÇADEIRA PIPE CLAMP SIZE	PARAFUSO SEXTAVADO HEXAGONAL BOLT
1/2	5/16x1
3/4	5/16x1
1	5/16x1
1 1/4	5/16x1
1 1/2	5/16x1 1/2
2	5/16x1 1/2
2 1/2	5/16x1 1/2
3	3/8x1 1/2
3 1/2	3/8x1 1/2
4	3/8x1 1/2
5	3/8x2
6	3/8x2
8	1/2x2
10	1/2x2
12	1/2x2

ABRAÇADEIRA UNIÃO VERTICAL

VERTICAL UNION PIPE CLAMP

REF.	Ø NOM.
BF 257	1/2"
BF 258	3/4"
BF 259	1"
BF 260	1 1/4"
BF 261	1 1/2"
BF 262	2"
BF 263	2 1/2"
BF 264	3"
BF 265	3 1/2"
BF 266	4"
BF 267	5"
BF 268	6"
BF 269	8"
BF 270	10"
BF 271	12"

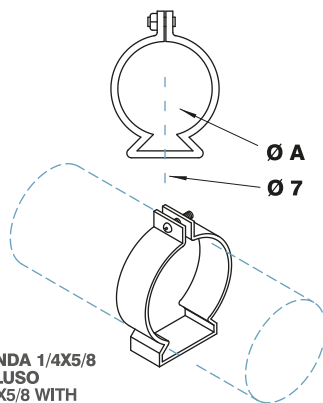


PARAFUSOS E PORCAS INCLUSO (DIMENSÕES CONFORME TABELA PARA ABRAÇADEIRA)
NUTS AND BOLTS INCLUDED (SIZES AS WRITTEN AT THE CHART FOR CLAMP)

ABRAÇADEIRA "D" COM PARAFUSO

CONDUIT HANGER WITH BOLT

REF.	Ø NOM.
BF 203	1/2"
BF 204	3/4"
BF 205	1"
BF 206	1 1/4"
BF 207	1 1/2"
BF 208	2"
BF 209	2 1/2"
BF 210	3"
BF 211	3 1/2"
BF 212	4"



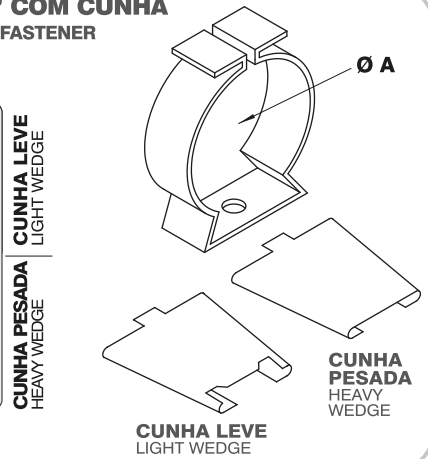
PARAFUSO CABEÇA REDONDA FENDA 1/4X5/8 E PORCA SEXTAVADA DE 1/4 INCLUSO
ROUND HEAD SLOTTED SCREW 1/4X5/8 WITH 1/4 HEXAGONAL NUT INCLUDED

ABRAÇADEIRA "D" COM CUNHA

CONDUIT HANGER WITH FASTENER

REF.	Ø NOM.
BF 214	1/2"
BF 215	3/4"
BF 216	1"
BF 217	1 1/4"
BF 218	1 1/2"
BF 219	2"
BF 220	2 1/2"
BF 221	3"
BF 222	3 1/2"
BF 223	4"

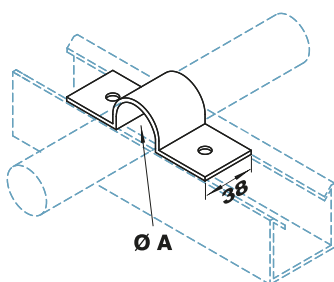
CUNHA INCLUSA
WEDGE INCLUDED



ABRAÇADEIRA OMEGA REFORÇADA

REINFORCED OMEGA PIPE CLAMP

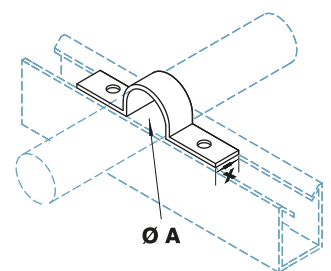
REF.	Ø NOM.
BF 291	1/2"
BF 292	3/4"
BF 293	1"
BF 294	1 1/4"
BF 295	1 1/2"
BF 296	2"
BF 297	2 1/2"
BF 298	3"
BF 299	3 1/2"
BF 300	4"



ABRAÇADEIRA OMEGA SIMPLES

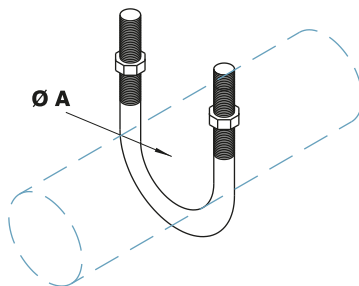
SIMPLE OMEGA PIPE CLAMP

REF.	Ø NOM.	X
BF 302	1/2"	14
BF 303	3/4"	14
BF 304	1"	14
BF 305	1 1/4"	17,5
BF 306	1 1/2"	17,5
BF 307	2"	17,5
BF 308	2 1/2"	17,5
BF 309	3"	17,5
BF 310	3 1/2"	17,5
BF 311	4"	17,5



ABRAÇADEIRA "U" DE VERGALHÃO
THREADED "U" PIPE CLAMP

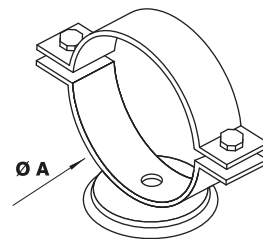
REF.	Ø NOM.	ESPESSURA			
		LEVE	PESADO		
BF 225	1/2"	1/4	5/16	3/8	-
BF 226	3/4"	1/4	5/16	3/8	-
BF 227	1"	1/4	5/16	3/8	-
BF 228	1 1/4"	1/4	5/16	3/8	-
BF 229	1 1/2"	1/4	5/16	3/8	-
BF 230	2"	1/4	5/16	3/8	1/2
BF 231	2 1/2"	1/4	5/16	3/8	1/2
BF 232	3"	1/4	5/16	3/8	1/2
BF 233	3 1/2"	1/4	5/16	3/8	1/2
BF 234	4"	1/4	5/16	3/8	1/2
BF 235	5"	-	3/8	1/2	-
BF 236	6"	-	3/8	1/2	5/8
BF 237	8"	-	3/8	1/2	5/8
BF 238	10"	-	3/8	1/2	3/4
BF 239	12"	-	3/8	1/2	3/4



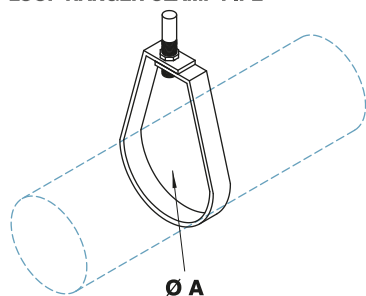
INCLUSO 2 PORCAS
E 2 ARRUELAS DE PRESSÃO
INCLUDES 2 NUTS
AND 2 PRESSURE WASHERS

ABRAÇADEIRA TIPO COPO
"CUP" PIPE CLAMP

REF.	Ø NOM.
BF 315	1/2"
BF 316	3/4"
BF 317	1"
BF 318	1 1/4"
BF 319	1 1/2"
BF 320	2"
BF 321	2 1/2"
BF 322	3"
BF 323	4"



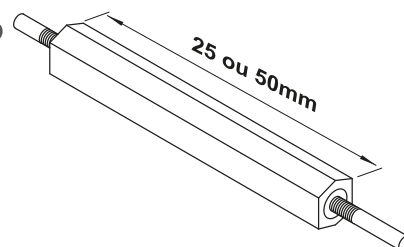
ABRAÇADEIRA DE TUBULAÇÃO
TIPO "ECONÔMICO"
LOOP HANGER CLAMP PIPE



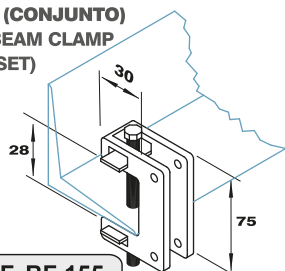
REF.	Ø NOM.
BF 273	1/2"
BF 274	3/4"
BF 275	1"
BF 276	1 1/4"
BF 277	1 1/2"
BF 278	2"
BF 279	2 1/2"
BF 280	3"
BF 281	3 1/2"
BF 282	4"
BF 283	5"
BF 284	6"
BF 285	8"

PROLONGADOR
PARA SUSPENSÃO
THREADED ROD
CONNECTING NUTS

REF.	Ø NOM.
BF 159	1/4"
BF 160	5/16"
BF 161	3/8"
BF 162	1/2"



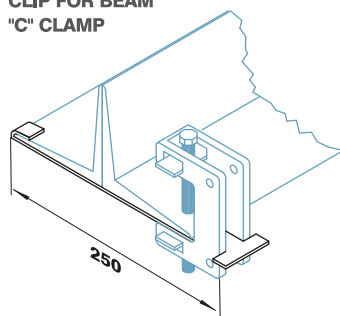
GRAMPO "C"
3/8" (CONJUNTO)
"C" BEAM CLAMP
3/8" (SET)



REF. BF 155

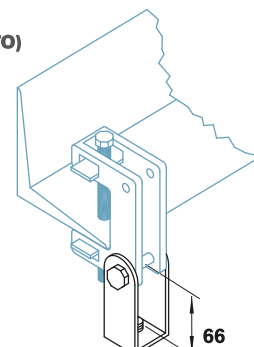
INCLUSO:
01 PARAFUSO Ø3/8" X 2 1/2"
02 PORCAS RETANGULAR Ø3/8"
INCLUDED:
01 SCREW Ø 3/8" X 2 1/2"
02 RECTANGULAR NUTS Ø 3/8"

PRESILHA COM
GRAMPO "C"
CLIP FOR BEAM
"C" CLAMP



REF. BF 158

BALANÇIM PARA
GRAMPO "C" (CONJUNTO)
BALANCE CLAMP FOR
"C" BEAM CLAMP (SET)

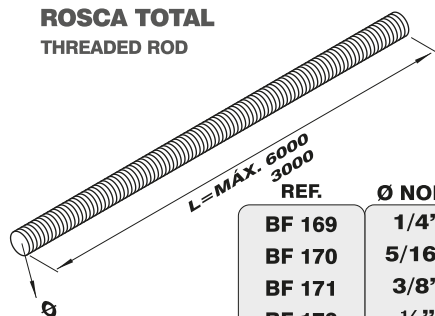


REF. BF 156

INCLUSO
PARAFUSO Ø 3/8" 1 1/2"
PORCAS SEXTAVADAS Ø 3/8"
INCLUDES
BOLT Ø 3/8" 1 1/2"
AND HEXAGONAL NUT Ø 3/8"

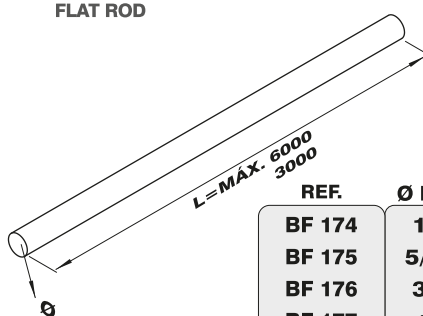
VERGALHÃO Ø 3/8"
THREADED ROD Ø 3/8"

VERGALHÃO COM
ROSCA TOTAL
THREADED ROD



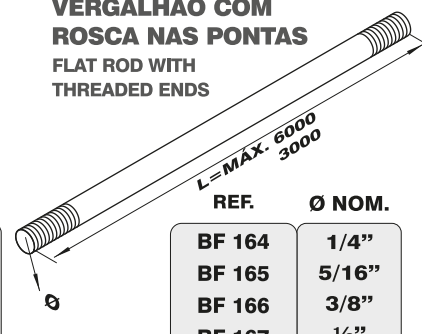
REF.	Ø NOM.
BF 169	1/4"
BF 170	5/16"
BF 171	3/8"
BF 172	1/2"

VERGALHÃO LISO
FLAT ROD



REF.	Ø NOM.
BF 174	1/4"
BF 175	5/16"
BF 176	3/8"
BF 177	1/2"

VERGALHÃO COM
ROSCA NAS PONTAS
FLAT ROD WITH
THREADED ENDS

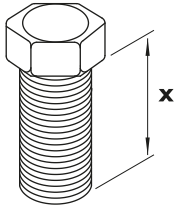


REF.	Ø NOM.
BF 164	1/4"
BF 165	5/16"
BF 166	3/8"
BF 167	1/2"

ESPECIFICAR JUNTO À REFERÊNCIA O Ø E O COMPRIMENTO "L"
SPECIFY WITH THE REFERENCE THE DIAMETER Ø AND "L" LENGHT

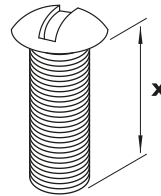


PARAFUSO SEXTAVADO HEXAGONAL BOLT



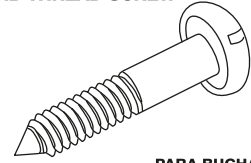
REF.	ROSCA THREAD	X	
BF 037	3/16"	1/2"	1 1/2"
BF 038	1/4"	5/8"	1 3/4"
BF 039	5/16"	3/4"	2"
BF 040	3/8"	7/8"	2 1/2"
BF 041	1/2"	1"	3"

PARAFUSO CABEÇA REDONDA FENDA SLOTTED ROUND HEAD SCREW



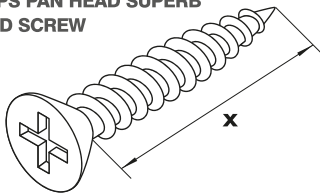
REF.	ROSCA THREAD	X
BF 043	3/16"	1/2"
BF 044	1/4"	5/8"
BF 045	5/16"	3/4"
BF 046	3/8"	1"
BF 047	1/2"	

PARAFUSO CABEÇA REDONDA FENDA ROSCA SOBERBA SLOTTED ROUND HEAD SUPERB THREAD SCREW



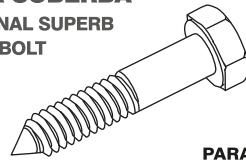
REF.	TIPO TYPE	PARA BUCHA DE NYLON FOR NYLON WALL PLUG
BF 049	3,9x32	S-6
BF 050	4,8x38	S-8
BF 051	6,3x45	S-10

PARAFUSO PHILLIPS ROSCA SOBERBA CHIPBOARD PHILLIPS PAN HEAD SUPERB THREAD SCREW



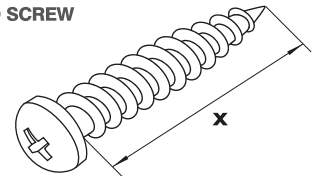
REF.	ROSCA THREAD	X	
BF 053	3,9	13	32
BF 054	4,8	16	38
BF 055	6,3	19	45
		22	50
		25	

PARAFUSO CABEÇA SEXTAVADA ROSCA SOBERBA HEXAGONAL SUPERB THREAD BOLT



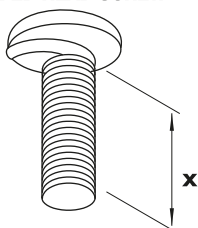
REF.	TIPO TYPE	PARA BUCHA DE NYLON FOR NYLON WALL PLUG
BF 057	1/4x40	S-10
BF 058	1/4x45	S-10
BF 059	1/4x50	S-10
BF 060	5/16x50	S-12
BF 061	5/16x65	S-12
BF 062	3/8x65	S-12

PARAFUSO PHILLIPS ROSCA SOBERBA PHILLIPS PAN HEAD SUPERB THREAD SCREW



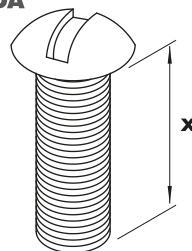
REF.	ROSCA THREAD	X	
BF 064	3,9	13	32
BF 065	4,8	16	38
BF 066	6,3	19	45
		22	50
		25	

PARAFUSO CABEÇA LENTILHA AUTOTRAVANTE FLAT ROUNDED HEAD SCREW WITH LOCK



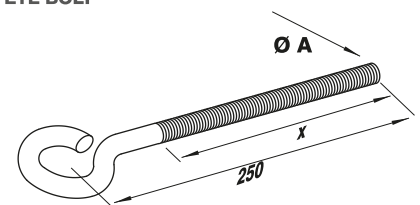
REF.	ROSCA THREAD	X
BF 084	1/4"	1/2"
BF 085	5/16"	5/8"
		3/4"
BF 086	3/8"	1"

PARAFUSO CABEÇA LENTILHA FENDA SLOTTED ROUND HEAD SCREW



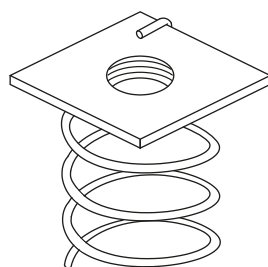
REF.	ROSCA THREAD	X
BF 088	1/4"	1/2"
BF 089	5/16"	5/8"
		3/4"
BF 090	3/8"	1"

PARAFUSO OLHAL EYE BOLT



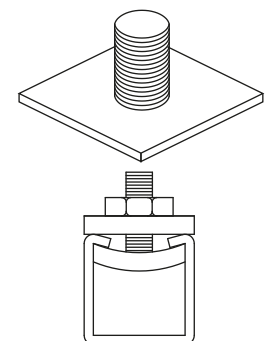
REF.	Ø NOM.	X
BF 097	1/4"	50
BF 098	5/16"	100
BF 099	3/8"	150
		200
BF 100	1/2"	250
		300

PORCA LOSANGULAR COM MOLA DIAMOND NUT WITH SPRING



REF.	ROSCA THREAD	ESPESSURA THICKNESS
BF 007	3/16"	2,6mm
BF 008	1/4"	2,6mm
BF 009	5/16"	4mm
BF 010	3/8"	4mm
BF 011	1/2"	4mm

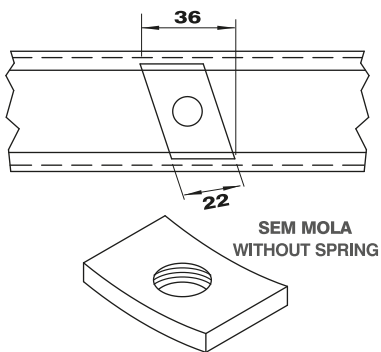
PORCA LOSANGULAR COM PINO ROSQUEADO DIAMOND NUT WITH THREADED PIN



REF.	ROSCA THREAD	ESPESSURA THICKNESS
BF 013	3/16"	2,6mm
BF 014	1/4"	2,6mm
BF 015	5/16"	4mm
BF 016	3/8"	4mm
BF 017	1/2"	4mm

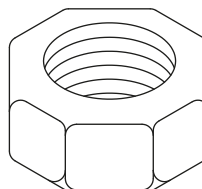
PORCA LOSANGULAR COM ROSCA
DIAMOND NUT WITH THREAD

REF.	ROSCA THREAD	ESPESSURA THICKNESS
BF 001	3/16"	2,6mm
BF 002	1/4"	2,6mm
BF 003	5/16"	4mm
BF 004	3/8"	4mm
BF 005	1/2"	4mm

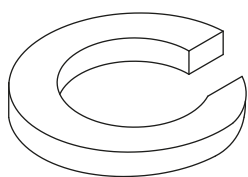


PORCA SEXTAVADA
HEXAGONAL NUT

REF.	ROSCA THREAD
BF 019	3/16"
BF 020	1/4"
BF 021	5/16"
BF 022	3/8"
BF 023	1/2"

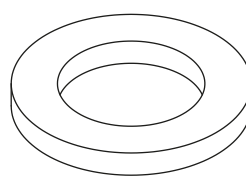


ARRUELA DE PRESSÃO
PRESSURE WASHER



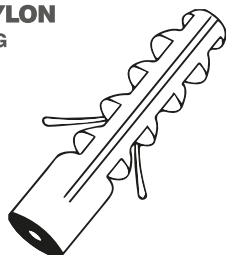
REF.	DIÂMETRO NOMINAL INTERNO INNER NOMINAL DIAMETER
BF 031	3/16"
BF 032	1/4"
BF 033	5/16"
BF 034	3/8"
BF 035	1/2"

ARRUELA LISA
FLAT WASHER



REF.	DIÂMETRO NOMINAL INTERNO INNER NOMINAL DIAMETER
BF 025	3/16"
BF 026	1/4"
BF 027	5/16"
BF 028	3/8"
BF 029	1/2"

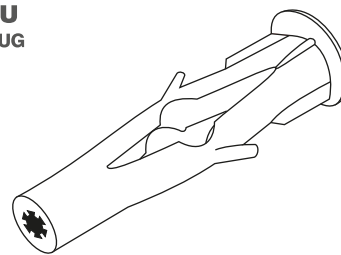
BUCHA DE NYLON
NYLON WALL PLUG



*PODE HAVER ALTERAÇÃO
*CHANGES MAY OCCUR

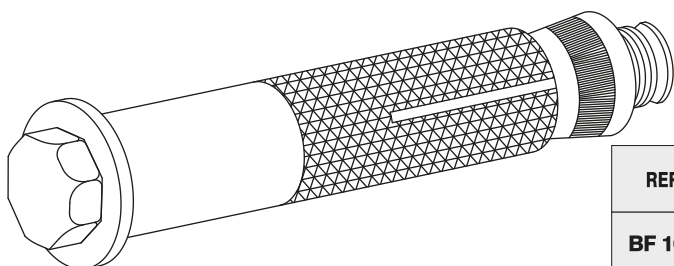
REF	TIPO TYPE	Ø PARAFUSO Ø SCREW	COMP. DA BUCHA (MM) WALL PLUG LENGTH (MM)	COMP. IDEAL DO PARAFUSO (MM) IDEAL SCREW LENGTH (MM)
BF 074	S-6	3/16	30	20 a 25
BF 075	S-8	3/16	40	30 a 35
BF 076	S-10	1/4 e 5/16	50	40 a 45
BF 077	S-12	3/8	60	50 a 55

BUCHA FU
FU WALL PLUG



REF	TIPO TYPE	Ø PARAFUSO Ø SCREW	COMP. DA BUCHA (MM) WALL PLUG LENGTH (MM)	COMP. MÍNIMO DO PARAFUSO (MM) MINIMUM SCREW LENGTH (MM)
BF 079	S-6	3/16	35	40
BF 080	S-8	3/16	50	55
BF 081	S-10	1/4	60	65
BF 082	S-12	5/16	70	75

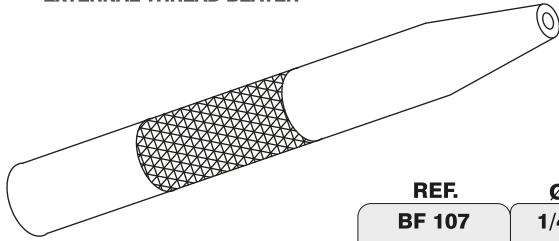
CHUMBADOR CB COM PARAFUSO
CB ANCHOR BOLT



REF.	DIÂMETRO DA ROSCA THREAD DIAMETER	DIÂMETRO DO FURO HOLE DIAMETER	COMP. DO PARAFUSO (POL) SCREW LENGTH (INCHES)	COMP. DA JAQUETA (mm) ANCHOR BOLT JACKET LENGTH (mm)	COMP. DO PROLONG. (mm) EXTENDER LENGTH (mm)	PROF. MÍNIMA DO FURO (mm) MINIMUM HOLE DEPTH (mm)	ESPESSURA MÁX. SER FIXADA (mm) MAXIMUM THICKNESS TO FASTEN (mm)
BF 102	1/4"	3/8"	2"	35	-	55	8
			3"		25	85	
BF 103	5/16"	1/2"	2 1/4"	38	-	65	7
			3 1/4"		28	95	
BF 104	3/8"	9/16"	2 1/2"	40	-	70	16
			3 1/2"		40	100	
BF 105	1/2"	3/4"	3"	50	-	80	18
			4 1/2"		50	120	

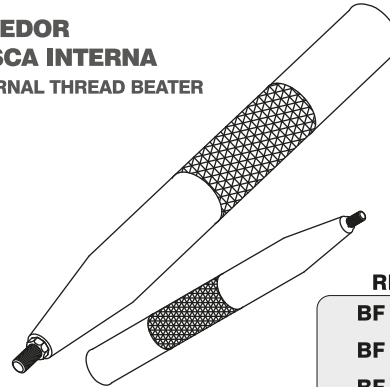


**BATEDOR
ROSCA EXTERNA
EXTERNAL THREAD BEATER**



REF.	Ø
BF 107	1/4"
BF 108	5/16"
BF 109	3/8"
BF 110	1/2"

**BATEDOR
ROSCA INTERNA
INTERNAL THREAD BEATER**



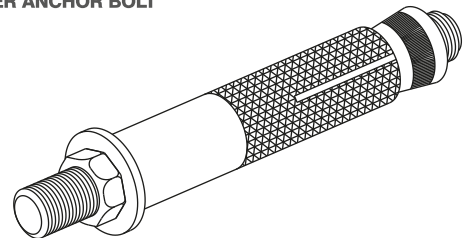
REF.	Ø
BF 112	1/4"
BF 113	5/16"
BF 114	3/8"
BF 115	1/2"

**CHUMBADOR PASSANTE
ROSCA EXTERNA UR
TROUGH BOLT
EXTERNAL THREAD UR**



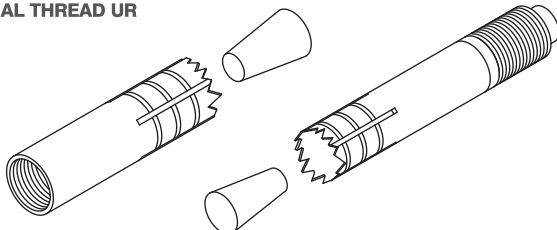
REF.	DIÂMETRO DA ROSCA CHUMBADOR (mm)	COMP. DO CHUMBADOR (mm)	COMP. DA ROSCA (mm)	PROFUND. MIN/MAX DO FURO (mm)	ESPESSURA MÁXIMA A SER FIXADA (mm)
BF 127	1/4"	1.3/4"	20	30-38	8
BF 128	5/16"	2.3/8"	25	35-52	17
BF 129	3/8"	2.1/4"	30	45-47	2
BF 130	1/2"	2.3/4"	35	55-57	2

**CHUMBADOR PRISIONEIRO
PRISONER ANCHOR BOLT**



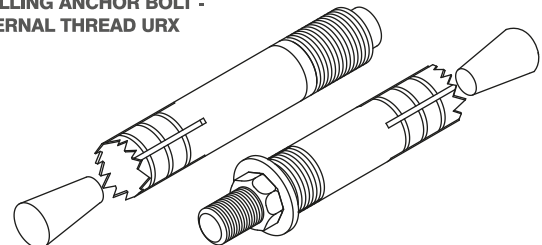
REF.	DIÂMETRO DA ROSCA (mm)	DIÂMETRO DO FURO (mm)	COMP. DO PRISIONEIRO (mm)	COMP. DA JAQUETA (mm)	COMP. DO PROLONG. (mm)	PROF. MÍNIMA DO FURO (mm)	ESPESSURA MÁX. A SER FIXADA (mm)
BF 117	1/4"	3/8"	65	35	-	50	16
			90		25	75	
BF 118	5/16"	1/2"	75	38	-	50	22
			100		28	80	
BF 119	3/8"	9/16"	80	40	-	55	24
			110		30	85	
BF 120	1/2"	3/4"	95	50	-	65	26
			135		40	105	

**CHUMBADOR AUTO PERFURANTE
ROSCA INTERNA UR
SELF DRILLING ANCHOR BOLT
EXTERNAL THREAD UR**



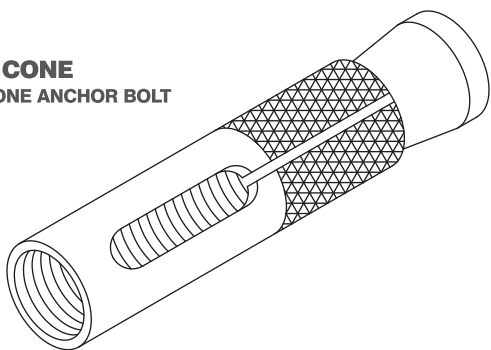
REF.	DIÂMETRO DA ROSCA (mm)	COMP. DO CHUMBADOR (mm)	COMP. DA ROSCA (mm)	DIÂMETRO EXTERNO (mm)	PROF. MÍNIMA DO FURO (mm)
BF 132	1/4"	29	12	11	30
BF 133	5/16"	35	14	13	38
BF 134	3/8"	37	16	14	40
BF 135	1/2"	51	22	18	55

**CHUMBADOR AUTO PERFURANTE
ROSCA EXTERNA URX
SELF-DRILLING ANCHOR BOLT -
URX EXTERNAL THREAD URX**



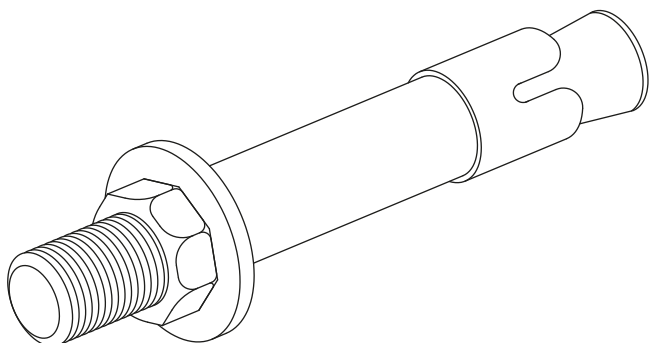
REF.	DIÂMETRO DA ROSCA (mm)	COMP. DO CHUMBADOR (mm)	COMP. DA ROSCA (mm)	PROFUND. DO FURO (mm)	ESPESSURA MÁXIMA A SER FIXADA (mm)
BF 137	1/4"	1.1/4"	12	12	31
BF 138	5/16"	1.1/2"	14	14	37
BF 139	3/8"	3"	30	45	20
BF 140	1/2"	3.1/2"	35	55	20

JAQUETA E CONE
JACKET AND CONE ANCHOR BOLT



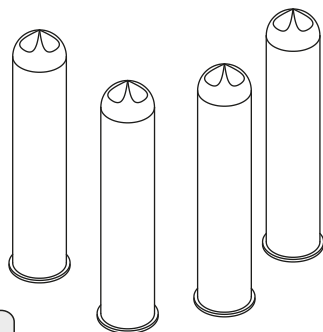
REF.	DIÂMETRO DA ROSCA (mm) THREAD DIAMETER	DIÂMETRO DO FURO (mm) HOLE DIAMETER	COMP. DA JAQUETA (mm) ANCHOR BOLT JACKET LENGTH	PROFUND. MÍNIMA DO FURO (mm) MINIMUM HOLE DEPTH (mm)	ESPESSURA MÁX. A SER FIXADA (mm) MAXIMUM THICKNESS TO FASTEN (mm)
BF 142	1/4"	3/8"	35	50	8
BF 143	5/16"	1/2"	38	57	7
BF 144	3/8"	9/16"	40	63	16
BF 145	1/2"	3/4"	50	75	18

CHUMBADOR PARABOLT
PARABOLT ANCHOR BOLT



REF.	DIÂMETRO DA ROSCA CHUMBADOR (mm) THREAD DIAMETER	COMP. DO CHUMBADOR (mm) ANCHOR BOLT LENGTH	COMP. DA ROSCA (mm) THREAD LENGTH (mm)	PROF. MÍNIMA DO FURO (mm) MINIMUM HOLE DEPTH (mm)	ESPESSURA MÁX. A SER FIXADA (mm) MAXIMUM THICKNESS TO FASTEN (mm)
BF 122	1/4"	1 3/4"	19	40	3
		2 1/4"	26		16
		3 1/4"	48		26
BF 123	5/16"	2"	19	50	3
		3 1/4"	43		20
		4 1/4"	66		45
BF 124	3/8"	2 1/4"	21	55	3
		2 3/4"	27		15
		3"	28		22
		3 1/2"	41	75	14
		3 3/4"	48		21
		5"	75		52
BF 125	1/2"	2 3/4"	28	60	7
		3 3/4"	39		33
		4"	46		39
		4 1/4"	53	95	15
		5 1/2"	85		47
		7"	84		85

CARTUCHO LONGO 22 - FINCA PINO
LONG CARTRIDGE 22 - PIN FIXER



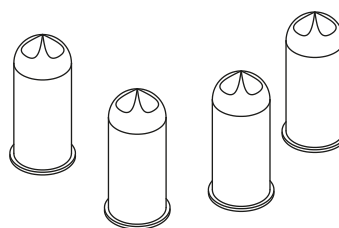
REF.

BF 151

DESCRIÇÃO
DESCRIPTION

LONGO 22

CARTUCHO CURTO 22-FINCA PINO
SHORT CARTRIDGE 22-PIN FIXER



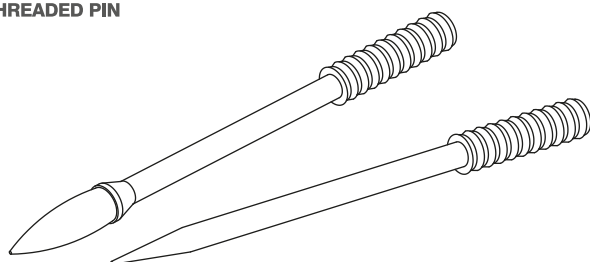
REF.

BF 149

DESCRIÇÃO
DESCRIPTION

CURTO 22

PINOS COM ROSCA
THREADED PIN



REF.	DIÂMETRO DA ROSCA (mm) THREAD DIAMETER	COMPRIMENTO DA ROSCA DA HASTE (mm) THREADED ROD LENGTH (mm)	COMPRIMENTO DA PENETRAÇÃO DA HASTE (mm) ROD INSERTION LENGTH
BF 147	1/4"	12	20
	1/4"	20	20
	1/4"	12	30
	1/4"	20	30
	1/4"	30	30
	1/4"	52	30
	1/4"	20	40



LEITOS PARA CABOS E ACESSÓRIOS

CABLE LADDERS AND ACCESSORIES

Os LEITOS PARA CABOS fabricados pela BANDEIRANTES, são recomendados para a condução e distribuição de cabos leves e pesados, com características dimensionais projetadas para diversas cargas e vãos, cujos gráficos são fornecidos nas páginas seguintes.

Como principais vantagens do uso dos leitos, podemos citar a completa ventilação dos cabos, inspeção visual permitida pela instalação aparente e fácil acesso para manutenção.

Contando com uma variada linha de derivações e acessórios para união, fixação e sustentação, permitem qualquer tipo de ramificação, oferecendo segurança, estética, funcionalidade e uma rápida montagem.

The Ladder Trays made by BANDEIRANTES are recommended for conduction and distribution of light and heavy cables, with dimensional characteristics projected for various loads and gaps, whose graphics are shown on next page.

As the main advantages of using the ladder trays we could mention are the total ventilation of cables, visual inspection possible by visible installation and easy access for maintenance.

Comprised of a varied line of derivations and accessories for union, fixation and support, it allows any kind of branching, offering safety, beauty, functionality and fast assembly.



•Exemplo de montagem
•Example of assembly

OS CRITÉRIOS NA ELABORAÇÃO DA MATÉRIA CONTIDA NESTA SEÇÃO FORAM: EXATIDÃO, ASSEGURADA POR PESQUISAS, CÁLCULOS E ENSAIOS PRÁTICOS; INFORMAÇÃO APRESENTANDO O QUE DE MAIS IMPORTANTE NECESSITAM OS PROJETISTAS E ESPECIFICADORES, FÁCIL INTERPRETAÇÃO, MOSTRANDO OS GRÁFICOS EM UM SISTEMA MODERNO DE COLOCAÇÃO, COM USO DE ESCALA LOGARÍTMICA.

THE CRITERIA IN THE ELABORATION OF THE PRODUCTS CONTAINED IN THIS SECTION WERE: ACCURACY, ASSURED THROUGH RESEARCHES, CALCULATIONS AND PRACTICAL TESTS. INFORMATION PRESENTING WHAT IS MOST IMPORTANT TO DESIGNERS AND SPECIFIERS ; EASY UNDERSTANDING, SHOWING THE GRAPHICS IN A MODERN SYSTEM OF PLACEMENT, WITH THE USE OF LOGARITHMIC SCALE.

OFERECEMOS, AINDA, TABELAS ACESSÓRIAS E UM INFORMATIVO SOBRE AS CARACTERÍSTICAS DOS ACABAMENTO DOS MATERIAIS.

WE ALSO OFFER ACCESSORIZED TABLES AND REPORT ABOUT THE CHARACTERISTICS OF THE MATERIAL FINISHING.

EXEMPLO DE LEITURA DOS GRÁFICOS

EXAMPLE OF THE GRAPHICS READING

LEITO PARA CABOS TIPO MÉDIO - REF.
MEDIUM TYPE CABLES LADDER - REF.

$q = 230 \text{ kgf/m}$
 $B = 2,9 \text{ m}$
 $A = 1040 \text{ mm}$
 $f = 12 \text{ mm}$

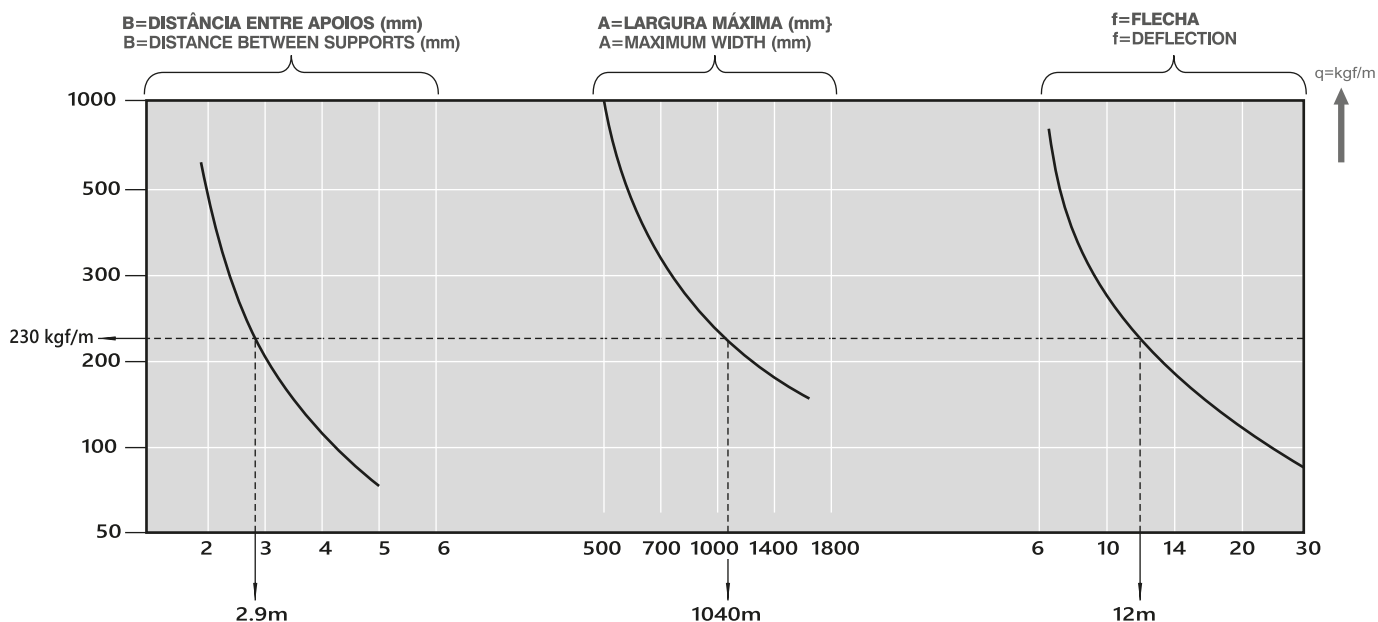


GRÁFICO DE CARGA DISTRIBUIDA (kgf/m)-LEITOS PARA CABOS - REF.
CHART OF DISTRIBUTED LOAD (kg/ m)-CABLE LADDERS

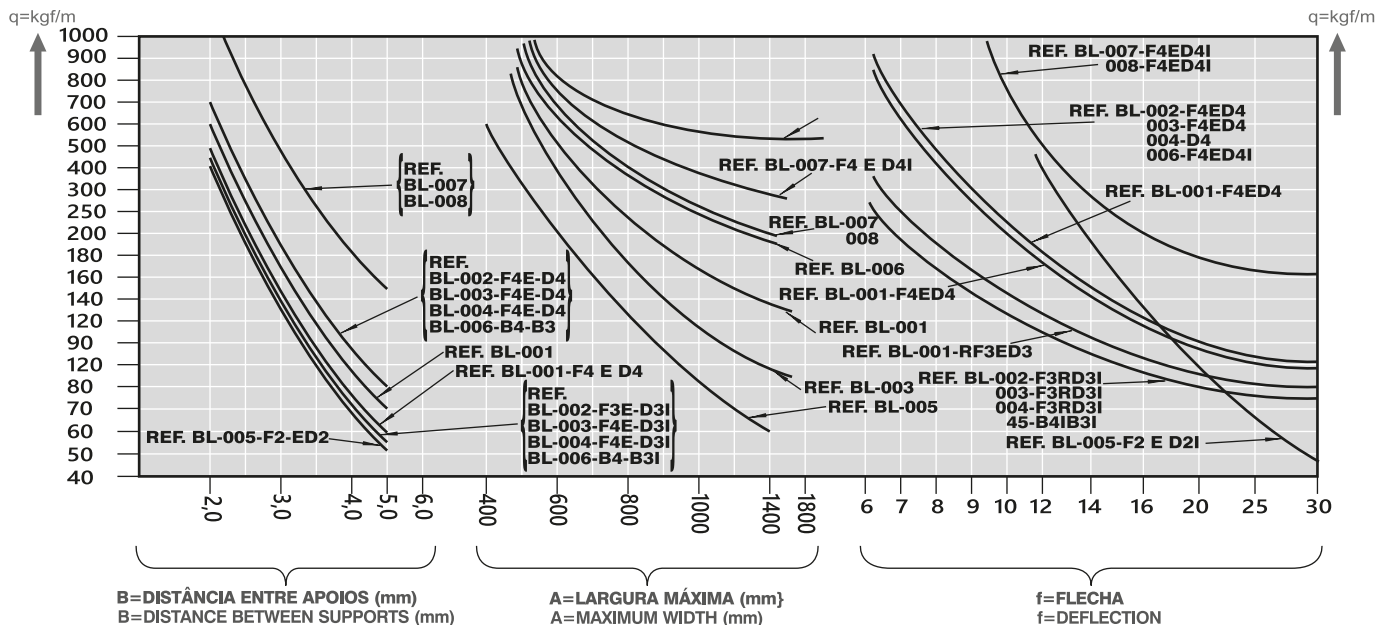




TABELA DE DIMENSÕES DE LEITOS PARA CABOS

CHART OF CABLES LADDERS DIMENSIONS

*NOTA: PARA MEDIDAS ESPECIAIS CONSULTE-NOS

*NOTE: FOR SPECIAL DIMENSIONS PLEASE LET US KNOW

LINHA LINE	LARGURA WIDTH			ALTURA HEIGHT
LEVE LIGHT	100 mm	500 mm	900 mm	60 mm
	150 mm	550 mm	950 mm	
	200 mm	600 mm	1000 mm	
	250 mm	650 mm	1050 mm	
	300 mm	700 mm	1100 mm	
	350 mm	750 mm	1150 mm	
	400 mm	800 mm	1200 mm	
	450 mm	850 mm		

LINHA LINE	LARGURA WIDTH			ALTURA HEIGHT
MÉDIO E MÉDIO ESPECIAL MEDIUM TYPE AND SPECIAL MEDIUM TYPE	100 mm	500 mm	900 mm	75 mm 100 mm 150 mm 200 mm
	150 mm	550 mm	950 mm	
	200 mm	600 mm	1000 mm	
	250 mm	650 mm	1050 mm	
	300 mm	700 mm	1100 mm	
	350 mm	750 mm	1150 mm	
	400 mm	800 mm	1200 mm	
	450 mm	850 mm		

LINHA LINE	LARGURA WIDTH			ALTURA HEIGHT
MÉDIO ESPECIAL E PESADO SPECIAL MEDIUM TYPE AND HEAVY TYPE	100 mm	500 mm	900 mm	75 mm 100 mm 150 mm 200 mm
	150 mm	550 mm	950 mm	
	200 mm	600 mm	1000 mm	
	250 mm	650 mm	1050 mm	
	300 mm	700 mm	1100 mm	
	350 mm	750 mm	1150 mm	
	400 mm	800 mm	1200 mm	
	450 mm	850 mm		

LEITO PARA CABOS TIPO LEVE
LIGHT TYPE CABLES LADDER

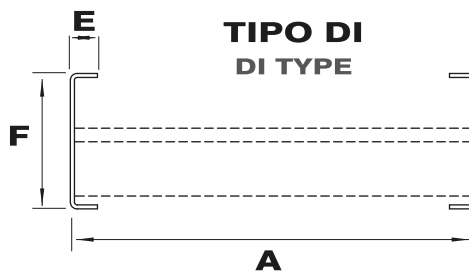
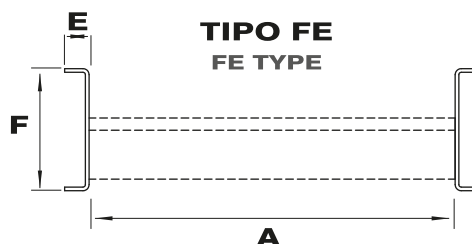
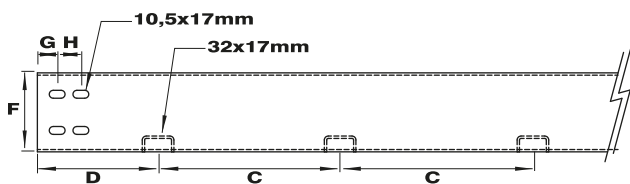
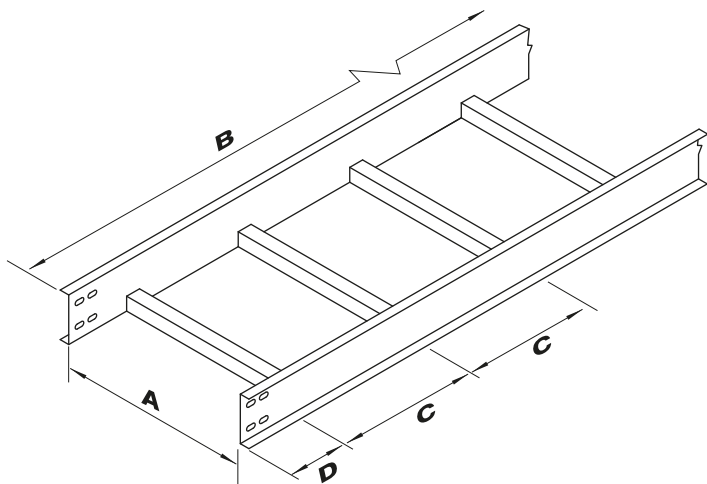


TABELA DE CARGA PARA LEITO #12/14
CABLE LADDERS LOAD CHART #12/14

BL 005

"A" LARGURA WIDTH	CARGA MÁX. (KGF/M) EM FUNÇÃO DA DISTÂNCIA ENTRE APOIOS MAXIMUM LOAD (kgf/m) RELATED TO SPAN LENGHT										
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
200	792	565	402	289	203	145	103	72	50	35	25
300	777	553	394	281	200	142	100	71	50	35	24
400	777	553	394	281	200	142	100	71	50	35	24
500	760	542	387	275	195	140	99	70	48	35	24
600	760	542	387	275	195	140	99	70	48	35	24
700	744	531	378	269	191	136	96	68	47	33	23
800	744	531	378	269	191	136	96	68	47	33	23
1000	730	521	378	264	188	133	94	67	47	33	22
1200	730	521	371	264	188	133	94	67	47	33	22

TABELA EM MILÍMETROS / CHART IN MILLIMETERS

REF.	A	B	C	D	E	F	G	H
BL005	VER PÁG 25	3000e6000	200	100	19	60	19	38

Leito tipo leve BL 005 é constituído por duas longarinas longitudinais de 60mm de altura, dobradas em formato U e com virolas laterais, que podem ser direcionadas para dentro ou para fora. A medida padrão da virola é de 19mm.

As longarinas são fixadas em paralelo por travessas soldadas e espaçadas a cada 200mm. Travessas que possuem o tamanho padrão de 32x17mm, com as opções de largura fornecidas pela tabela de medidas.

Cable ladders light type BL 005 are constructed with two side rails measuring 60mm high, folded in shape U, with side flaps towards to inside or outside of the tray. Standard measurement of side flap is 19mm.

The side rails are fixed in parallel with welded steps, distanced each 200mm. The standard measurement of the step is 32x17mm, with width options highlighted on the measurement board.



LEITO PARA CABOS TIPO MÉDIO ESPECIAL
SPECIAL MEDIUM TYPE CABLE LADDERS

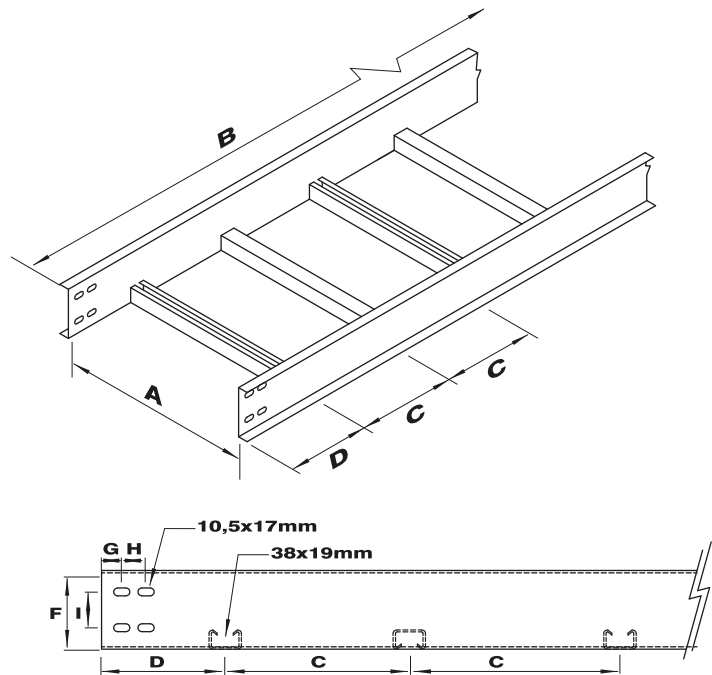
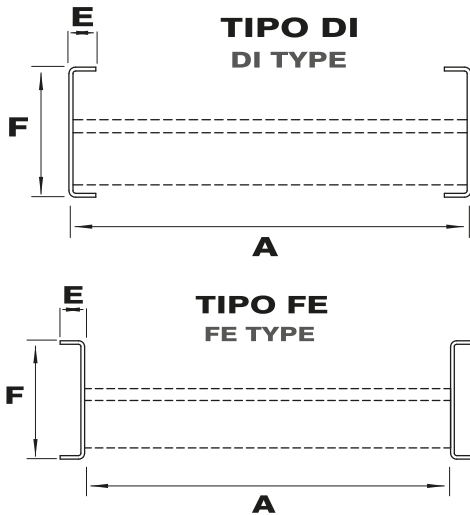


TABELA DE CARGA PARA LEITO #12/14 CABLE LADDERS LOAD CHART #12/14											
BL002(aba 75mm)											
"A" LARGURA WIDTH	CARGA MÁX. (KGF/M) EM FUNÇÃO DA DISTÂNCIA ENTRE APOIOS MAXIMUM LOAD (kgf/m) RELATED TO SPAN LENGHT										
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
200	1388	976	696	498	355	252	179	127	89	63	45
300	1341	956	681	486	347	247	175	124	88	62	43
400	1341	956	681	486	347	247	175	124	88	62	43
500	1313	937	669	477	339	243	173	122	85	62	43
600	1313	937	669	477	339	243	173	122	85	62	43
700	1285	917	654	466	331	236	167	119	84	59	41
800	1285	917	654	466	331	236	167	119	84	59	41
1000	1261	901	642	457	326	232	165	117	83	58	40
1200	1261	901	642	457	326	232	165	117	83	58	40

TABELA DE CARGA PARA LEITO #12/14 CABLE LADDERS LOAD CHART #12/14											
BL 002(aba 100mm)											
"A" LARGURA WIDTH	CARGA MÁX. (KGF/M) EM FUNÇÃO DA DISTÂNCIA ENTRE APOIOS MAXIMUM LOAD (kgf/m) RELATED TO SPAN LENGHT										
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
200	1126	803	573	409	291	207	147	104	73	52	37
300	1103	787	560	399	285	202	144	102	72	51	34
400	1103	787	560	399	285	202	144	102	72	51	34
500	1080	771	550	392	278	219	141	100	70	51	34
600	1080	771	550	392	278	219	141	100	70	51	34
700	1057	755	537	383	272	194	137	98	69	48	33
800	1057	755	537	383	272	194	137	98	69	48	33
1000	1037	741	528	376	268	191	135	95	68	47	32
1200	1037	741	528	376	268	191	135	95	68	47	32

TABELA EM MILÍMETROS / CHART IN MILLIMETERS										
REF.	A	B	C	D	E	F	G	H	I	
BL002	VER PÁG 25	3000e6000	200	100	19 e 45	75	24	32	39	
BL002	VER PÁG 25	3000e6000	200	100	19 e 45	100	24	32	64	
BL002	VER PÁG 25	3000e6000	200	100	19 e 45	150	24	32	64	

Leito médio especial tipo BL 002 é constituído por duas longarinas longitudinais com as opções de alturas fornecidas pela tabela de medidas, dobradas em formato U e com virolas, que podem ser direcionadas para dentro ou para fora. A medida padrão de virolas para esse modelo é de 19 mm ou 45 mm.

As longarinas são fixadas em paralelo por travessas soldadas e espaçadas a cada 200mm. Travessas que possuem o tamanho padrão de 38x19mm, com as opções de largura fornecidas pela tabela de medidas.

Cable ladders special medium type BL 002 are constructed with two side rails with height measurement options highlighted on the measurement board, folded in shape U, with side flaps towards to inside or outside of the tray. Standard measurement for the side flap for this cable tray type is 19mm or 45mm.

The side rails are fixed in parallel with welded steps, distanced each 200mm. The standard measurement of the step is 38x19mm, with width options highlighted on the measurement board.

LEITO PARA CABOS TIPO MÉDIO ESPECIAL
SPECIAL MEDIUM TYPE CABLE LADDERS

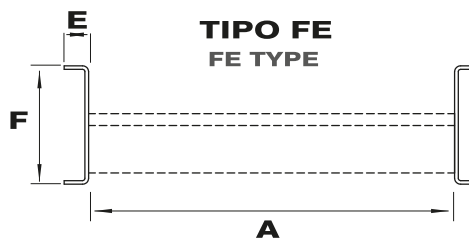
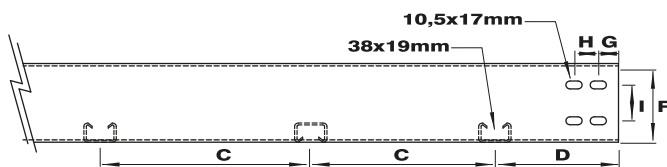
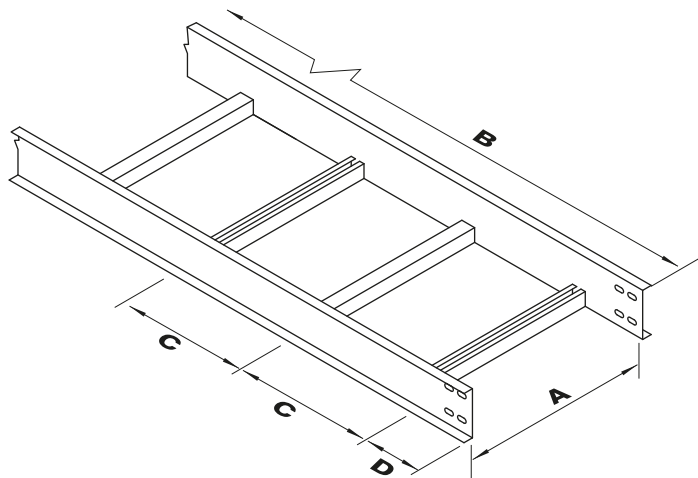


TABELA DE CARGA PARA LEITO #12/14
CABLE LADDERS LOAD CHART #12/14

BL 003 (aba 75mm)

"A" LARGURA WIDTH	CARGA MÁX. (KGF/M) EM FUNÇÃO DA DISTÂNCIA ENTRE APOIOS MAXIMUM LOAD (kgf/m) RELATED TO SPAN LENGHT										
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
200	1388	976	696	498	355	252	179	127	89	63	45
300	1341	956	681	486	347	247	175	124	88	62	43
400	1341	956	681	486	347	247	175	124	88	62	43
500	1313	937	669	477	339	243	173	122	85	62	43
600	1313	937	669	477	339	243	173	122	85	62	43
700	1285	917	654	466	331	236	167	119	84	59	41
800	1285	917	654	466	331	236	167	119	84	59	41
1000	1261	901	642	457	326	232	165	117	83	58	40
1200	1261	901	642	457	326	232	165	117	83	58	40

TABELA DE CARGA PARA LEITO #12/14
CABLE LADDERS LOAD CHART #12/14

BL 003 (aba 100mm)

"A" LARGURA WIDTH	CARGA MÁX. (KGF/M) EM FUNÇÃO DA DISTÂNCIA ENTRE APOIOS MAXIMUM LOAD (kgf/m) RELATED TO SPAN LENGHT										
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
200	1052	750	535	382	272	193	137	97	68	48	34
300	1031	735	523	373	266	189	134	95	67	47	32
400	1031	735	523	373	266	189	134	95	67	47	32
500	1009	720	514	366	260	186	132	93	65	47	32
600	1009	720	514	366	260	186	132	93	65	47	32
700	988	705	502	359	254	181	128	91	64	45	31
800	988	705	502	359	254	181	128	91	64	45	31
1000	969	692	493	351	250	178	126	89	63	44	30
1200	969	692	493	351	250	178	126	89	63	44	30

TABELA EM MILÍMETROS / CHART IN MILLIMETERS

REF.	A	B	C	D	E	F	G	H	I
BL003	VER PÁG 25	3000e6000	250	125	19 e 45	75	24	32	39
BL003	VER PÁG 25	3000e6000	250	125	19 e 45	100	24	32	64
BL003	VER PÁG 25	3000e6000	250	125	19 e 45	150	24	32	64

Leito médio especial tipo BL 003 é constituído por duas longarinas longitudinais com as opções de alturas fornecidas pela tabela de medidas, dobradas em formato U e com virolas, que podem ser direcionadas para dentro ou para fora. A medida padrão de virolas para esse modelo é de 19 mm ou 45 mm.

As longarinas são fixadas em paralelo por travessas soldadas e espaçadas a cada 250mm. Travessas que possuem o tamanho padrão de 38x19mm, com as opções de comprimentos fornecidas pela tabela de medidas.

Cable ladders special medium type BL 003 are constructed with two side rails with height measurement options highlighted on the measurement board, folded in shape U, with side flaps towards to inside or outside of the tray. Standard measurement for the side flap for this cable tray type is 19mm or 45mm.

The side rails are fixed in parallel with welded steps, distanced each 250mm. The standard measurement of the step is 38x19mm, with width options highlighted on the measurement board.



LEITO PARA CABOS TIPO VENTILADO
VENTILATED TYPE CABLE LADDERS

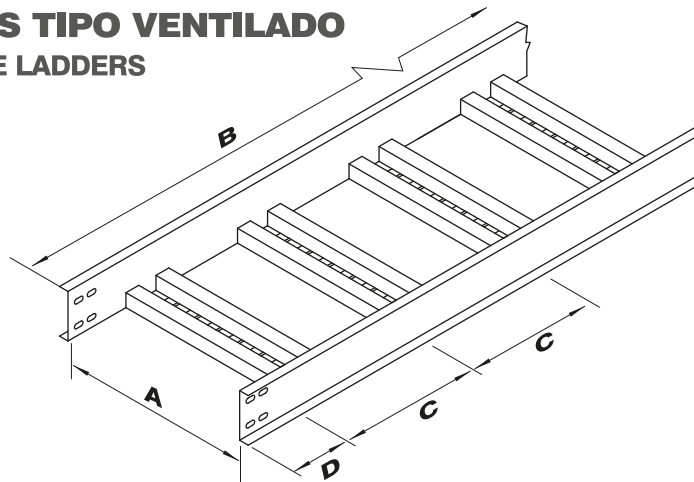


TABELA DE CARGA PARA LEITO #12/14 CABLE LADDERS LOAD CHART #12/14	
BL 006-DI	
"A" LARGURA WIDTH	CARGA MÁX. (KGF/M) EM FUNÇÃO DA DISTÂNCIA ENTRE APOIOS MAXIMUM LOAD (kgf/m) RELATED TO SPAN LENGHT
	1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0
200	1544 1101 786 561 400 285 203 144 101 72 52
300	1512 1079 768 548 392 278 198 141 100 71 48
400	1512 1079 768 548 392 278 198 141 100 71 48
500	1481 1057 755 538 374 274 194 138 97 71 48
600	1481 1057 755 538 374 274 194 138 97 71 48
700	1449 1035 737 526 375 267 189 135 96 67 46
800	1449 1035 737 526 375 267 189 135 96 67 46
1000	1422 1016 724 516 368 263 186 131 94 66 45
1200	1422 1016 724 516 368 263 186 131 94 66 45

TABELA DE CARGA PARA LEITO #12/14 CABLE LADDERS LOAD CHART #12/14	
BL 006-FE	
"A" LARGURA WIDTH	CARGA MÁX. (KGF/M) EM FUNÇÃO DA DISTÂNCIA ENTRE APOIOS MAXIMUM LOAD (kgf/m) RELATED TO SPAN LENGHT
	1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0
200	2007 1433 1022 731 522 371 264 187 131 94 67
300	1967 1403 1000 714 511 364 257 183 130 93 64
400	1967 1403 1000 714 511 364 257 183 130 93 64
500	1927 1375 982 701 498 357 255 181 126 93 64
600	1927 1375 982 701 498 357 255 181 126 93 64
700	1885 1345 960 685 486 348 246 176 124 87 61
800	1885 1345 960 685 486 348 246 176 124 87 61
1000	1849 1322 942 671 479 341 244 172 123 86 60
1200	1849 1322 942 671 479 341 244 172 123 86 62

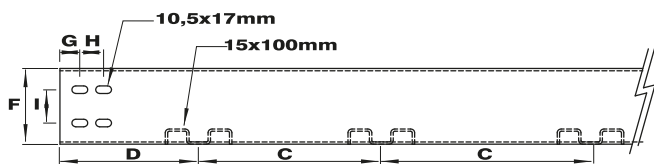
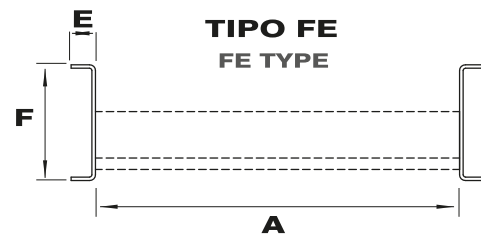
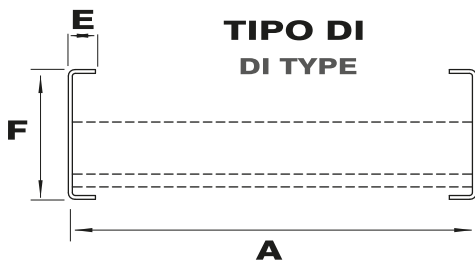


TABELA EM MILÍMETROS / CHART IN MILLIMETERS									
REF.	A	B	C	D	E	F	G	H	I
BL006	VER PÁG 25	3000e6000	200	100	19	75	24	32	39
BL006	VER PÁG 25	3000e6000	200	100	19	100	24	32	64

Leito ventilado tipo BL 006 é constituído por duas longarinas longitudinais com as opções de alturas fornecidas pela tabela de medidas, dobradas em formato U e com virolas, que podem ser direcionadas para dentro ou para fora. A medida padrão de virolas para esse modelo é de 19 mm ou 45 mm.

As longarinas são unidas de forma perpendicular por travessas tipo M soldadas e espaçadas a cada 200mm. Travessas que possuem o tamanho padrão de 15x100mm, com as opções de comprimentos fornecidas pela tabela de medidas.

Cable ladders ventilated type BL 006 are constructed with two side rails with height measurement options highlighted on the measurement board, folded in shape U, with side flaps towards to inside or outside of the tray. Standard measurement for the side flap for this cable tray type is 19mm or 45mm.

The side rails are fixed in parallel with M type welded steps, distanced each 200mm. The standard measurement of the step is 15x100mm, with width options highlighted on the measurement board.



LEITO PARA CABOS TIPO PESADO HEAVY TYPE CABLE LADDERS

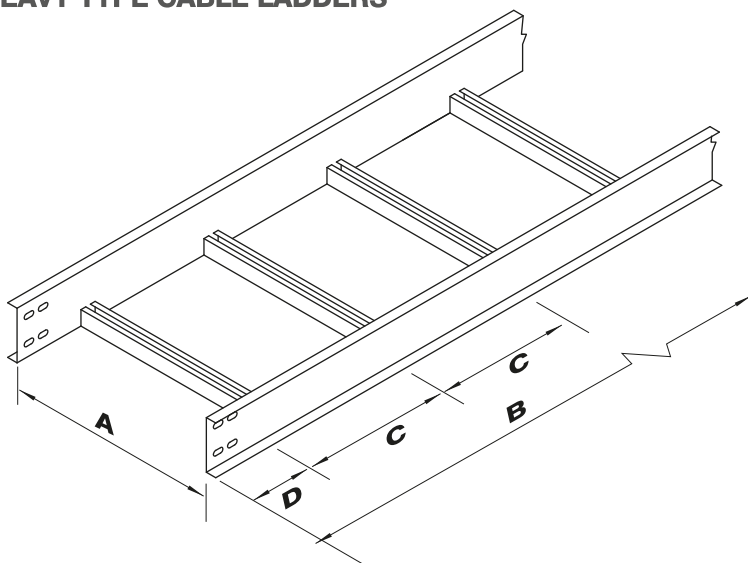


TABELA DE CARGA PARA LEITO #12/14
CABLE LADDERS LOAD CHART #12/14

BL 007

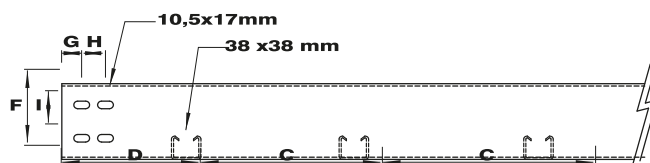
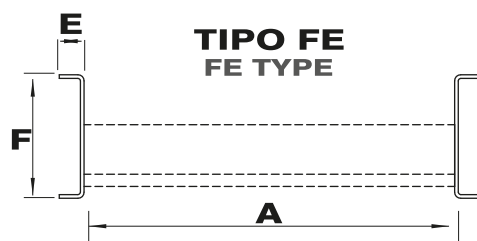
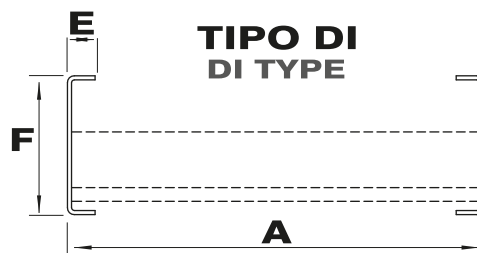
"A" LARGURA WIDTH	CARGA MÁX. (KGF/M) EM FUNÇÃO DA DISTÂNCIA ENTRE APOIOS MAXIMUM LOAD (kg/m) RELATED TO SPAN LENGHT										
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
200	2036	1451	1036	740	529	375	269	191	134	95	67
300	1994	1423	1013	724	517	369	261	187	131	93	65
400	1994	1423	1013	724	517	369	261	187	131	93	65
500	1953	1395	995	711	506	362	257	182	129	93	65
600	1953	1395	995	711	506	362	257	182	129	93	65
700	1912	1365	973	694	494	352	250	179	127	91	63
800	1912	1365	973	694	494	352	250	179	127	91	63
1000	1876	1340	955	681	485	346	245	175	124	87	61
1200	1876	1340	955	681	485	346	245	175	124	87	61

TABELA EM MILÍMETROS / CHART IN MILLIMETERS

REF.	A	B	C	D	E	F	G	H	I
BL007	VER PÁG 25	3000e6000	500	250	19 e 45	100	24	32	64
BL007	VER PÁG 25	3000e6000	500	250	19 e 45	150	24	32	115
BL007	VER PÁG 25	3000e6000	500	250	19 e 45	200	24	32	115

Leito pesado tipo BL 007 é constituído por duas longarinas longitudinais com as opções de alturas fornecidas pela tabela de medidas, dobradas em formato U e com virolas, que podem ser direcionadas para dentro ou para fora. A medida padrão de virolas para esse modelo é de 19 mm ou 45 mm.

As longarinas são fixadas em paralelo por travessas soldadas e espaçadas a cada 500mm. Travessas que possuem o tamanho padrão de 38x38mm, com as opções de comprimentos fornecidas pela tabela de medidas.



Cable ladders heavy type BL 007 are constructed with two side rails with height measurement options highlighted on the measurement board, folded in shape U, with side flaps towards to inside or outside of the tray. Standard measurement for the side flap for this cable tray type is 19mm or 45mm.

The side rails are fixed in parallel with welded steps, distanced each 500mm. The standard measurement of the step is 38x38mm, with width options highlighted on the measurement board.



LEITO PARA CABOS TIPO PESADO HEAVY TYPE CABLE LADDERS

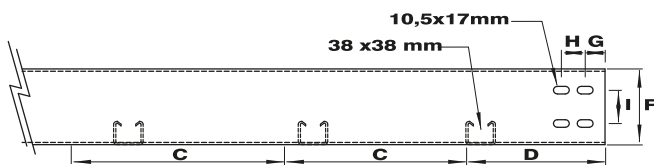
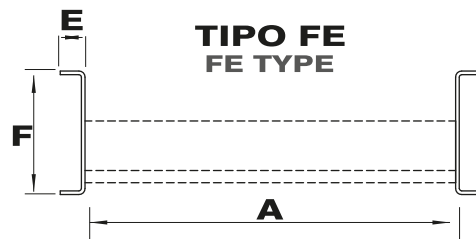
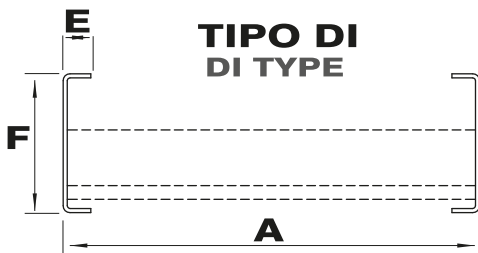
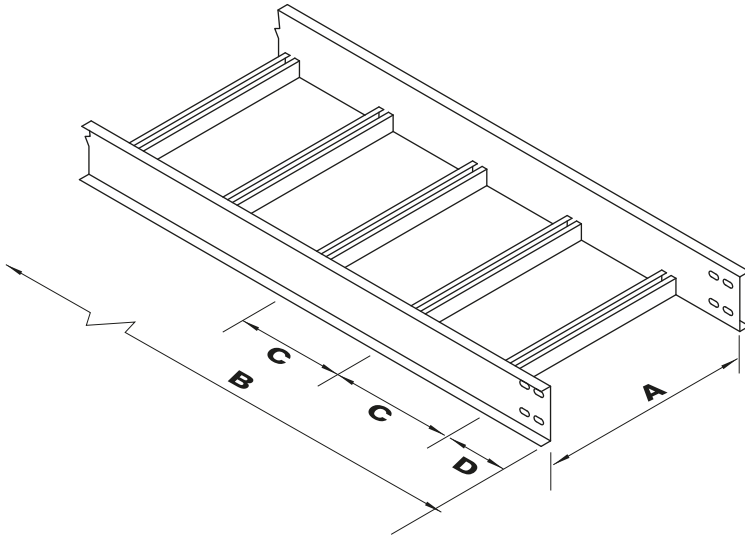


TABELA DE CARGA PARA LEITO #12/14
CABLE LADDERS LOAD CHART #12/14

BL 008

"A" LARGURA WIDTH	CARGA MÁX. (KGF/M) EM FUNÇÃO DA DISTÂNCIA ENTRE APOIOS MAXIMUM LOAD (kgf/m) RELATED TO SPAN LENGHT										
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
200	2885	2059	1469	1049	750	533	381	272	191	136	97
300	2826	2017	1437	1027	733	524	371	266	187	133	94
400	2826	2017	1437	1027	733	524	371	266	187	133	94
500	2768	1977	1411	1009	718	514	366	259	184	133	94
600	2768	1977	1411	1009	718	514	366	259	184	133	94
700	2710	1935	1379	985	701	500	356	255	181	130	91
800	2710	1935	1379	985	701	500	356	255	181	130	91
1000	2659	1899	1354	966	689	492	349	249	177	126	87
1200	2659	1899	1354	966	689	492	349	249	177	126	87

TABELA EM MILÍMETROS / CHART IN MILLIMETERS

REF.	A	B	C	D	E	F	G	H	I
BL008	VER PÁG 25	3000e6000	250	125	19 e 45	100	24	32	64
BL008	VER PÁG 25	3000e6000	250	125	19 e 45	150	24	32	115
BL008	VER PÁG 25	3000e6000	250	125	19 e 45	200	24	32	115

Leito pesado tipo BL 008 é constituído por duas longarinas longitudinais com as opções de alturas fornecidas pela tabela de medidas, dobradas em formato U e com virolas, que podem ser direcionadas para dentro ou para fora. A medida padrão de virolas para esse modelo é de 19 mm ou 45 mm.

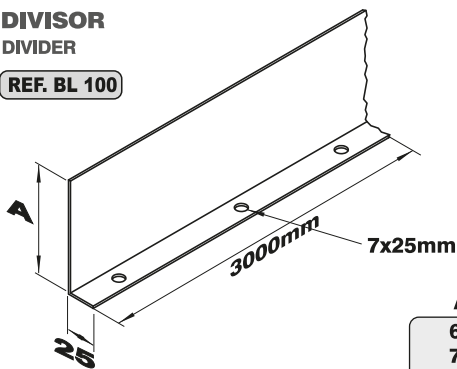
As longarinas são fixadas em paralelo por travessas soldadas e espaçadas a cada 250mm. Travessas que possuem o tamanho padrão de 38x38mm, com as opções de comprimentos fornecidas pela tabela de medidas.

Cable ladders heavy type BL 008 are constructed with two side rails with height measurement options highlighted on the measurement board, folded in shape U, with side flaps towards to inside or outside of the tray. Standard measurement for the side flap for this cable tray type is 19mm or 45mm.

The side rails are fixed in parallel with welded steps, distanced each 250mm. The standard measurement of the step is 38x38mm, with width options highlighted on the measurement board.

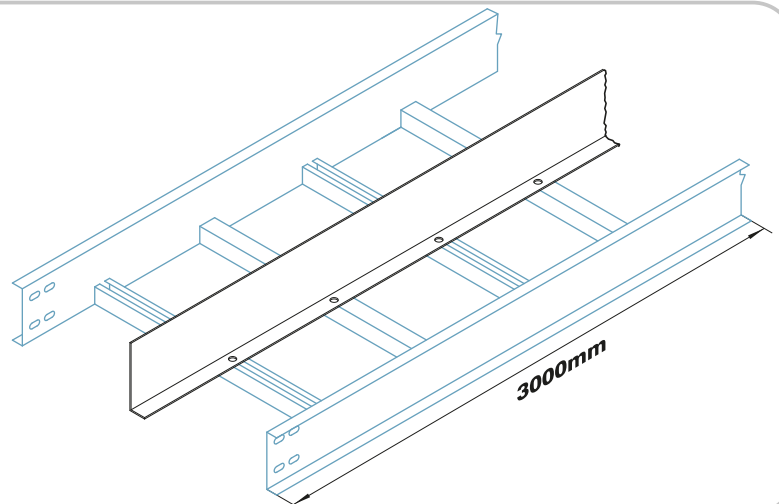
DIVISOR
DIVIDER

REF. BL 100



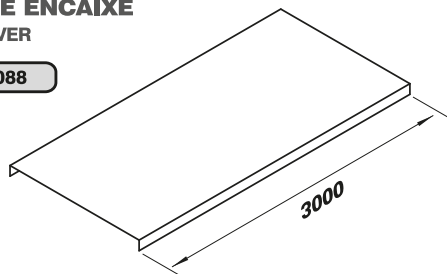
A

- 60
- 75
- 100
- 150
- 200



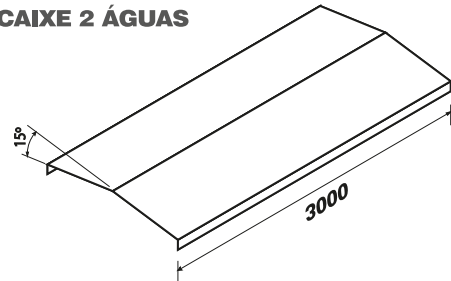
TAMPA DE ENCAIXE
FITTING COVER

REF. BL 088



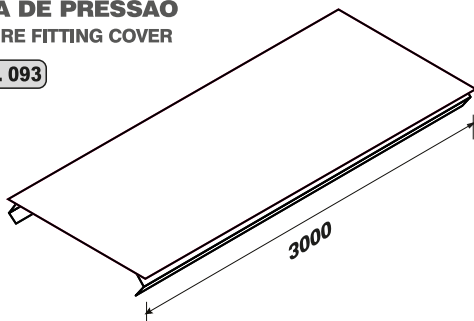
TAMPA DE ENCAIXE 2 ÁGUAS
PEAKED COVER

REF. BL 091



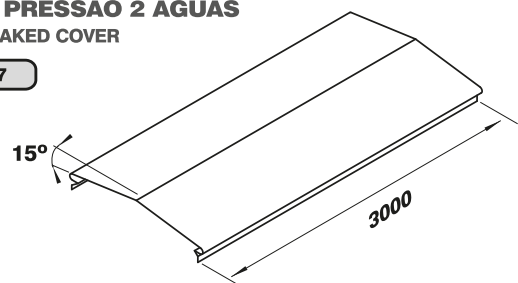
TAMPA DE PRESSÃO
PRESSURE FITTING COVER

REF. BL 093

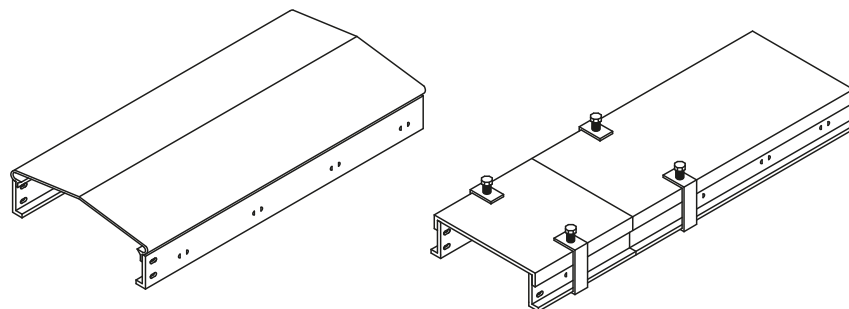


TAMPA DE PRESSÃO 2 ÁGUAS
PRESSURE PEAKED COVER

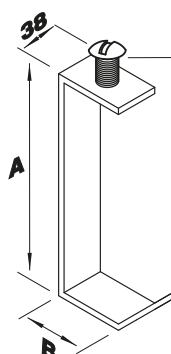
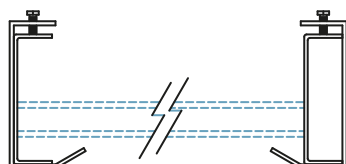
REF. BL 087



DEMONSTRATIVO DE MONTAGEM
DIAGRAM OF ASSEMBLY



PRESILHA PARA TAMPA DE ENCAIXE (CONJUNTO)
CLIP FOR FITTING COVER (SET)



PARAFUSO CABEÇA REDONDA FENDA 1/4x1/2
SLOTTED ROUND HEAD SCREW 1/4x1/2

REF. BF 044

REF. BL 089			
LONGARINA DO LEITO			
SIDE RAIL OF CABLE LADDERS			
A	B		
65	25	60 X 19	
80	25	75 X 19	
105	25	100 X 19	
105	50	100 X 45	

1 CONJUNTO CONTÉM: 1 PRESILHA PARA TAMPA DE ENCAIXE E 1 PARAFUSO CABEÇA REDONDA FENDA 1/4X1/2
1 SET CONTAINS: 1 CLIP FOR FITTING COVER AND 1 SLOTTED ROUND HEAD SCREW 1/4X1/2



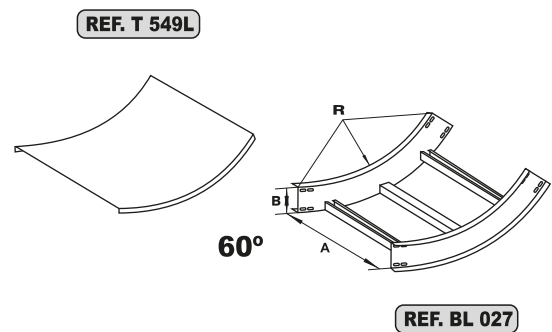
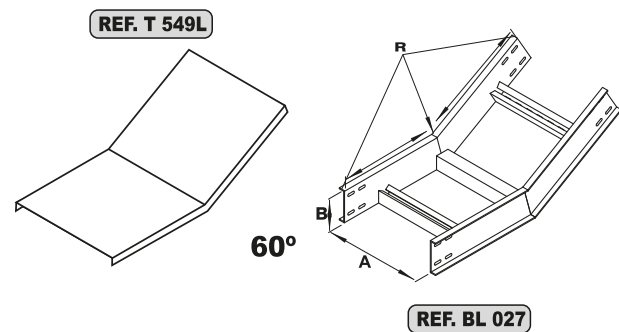
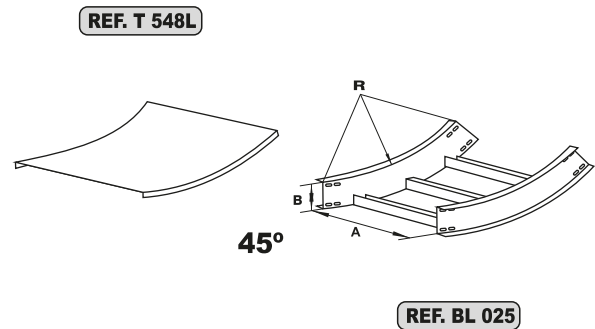
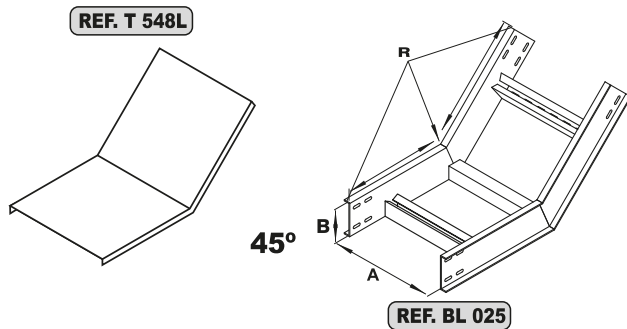
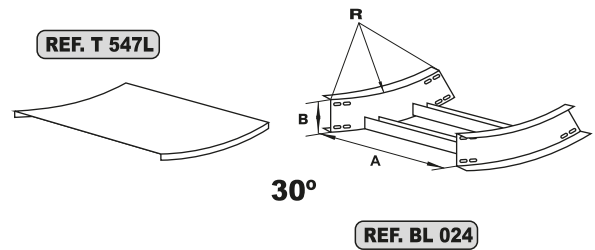
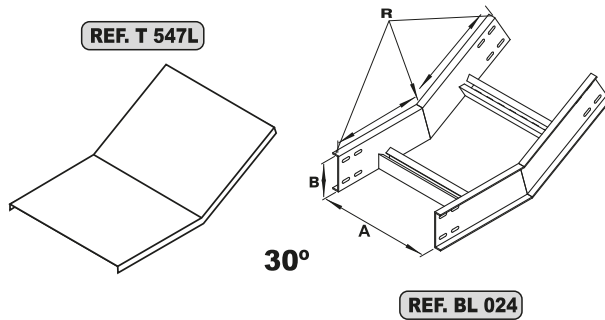
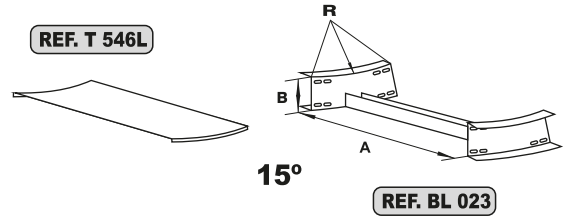
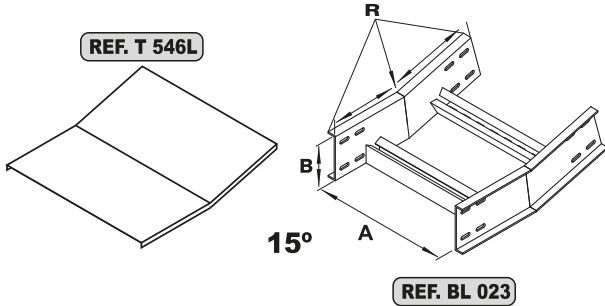
CURVA VERTICAL INTERNA (RAIO SEGMENTADO)

INTERNAL VERTICAL BEND (SEGMENTED RADIUS)

CURVA VERTICAL INTERNA (RAIO CURVILÍNEO)

INTERNAL VERTICAL BEND (CURVILINEAR RADIUS)

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED



TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

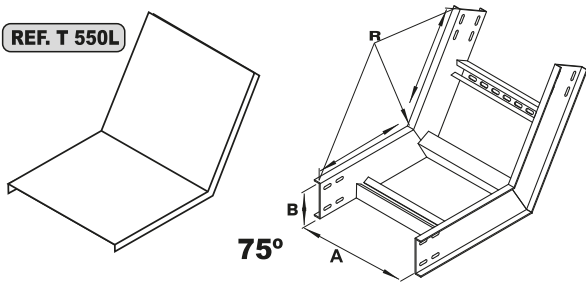
RAIO RADIUS	A			B	
320	100	500	900	60	150
520	200	600	1000	75	200
645	300	700	1100	100	
895	400	800	1200		

FABRICAMOS MATERIAL COM RAIO CURVILÍNEO
WE ALSO CAN MANUFACTURE WITH CURVILINEOUS RADIUS

**CURVA VERTICAL INTERNA
(RAIO SEGMENTADO)**

INTERNAL VERTICAL BEND (SEGMENTED RADIUS)

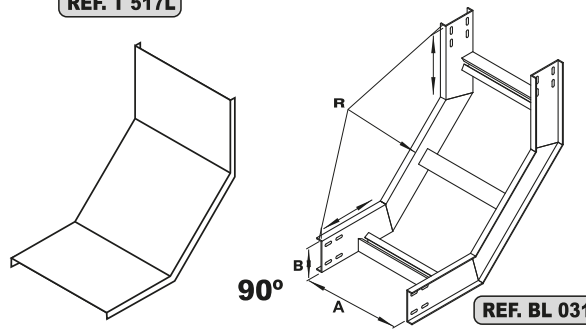
REF. T 550L



75°

REF. BL 029

REF. T 517L



90°

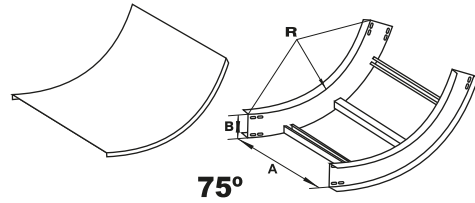
REF. BL 031

TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

**CURVA VERTICAL INTERNA
(RAIO CURVILÍNEO)**

INTERNAL VERTICAL BEND (CURVILINEAR RADIUS)

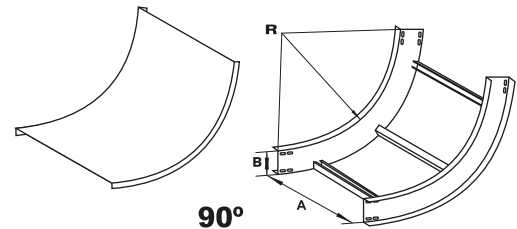
REF. T 550L



75°

REF. BL 029

REF. T 517L



90°

REF. BL 031

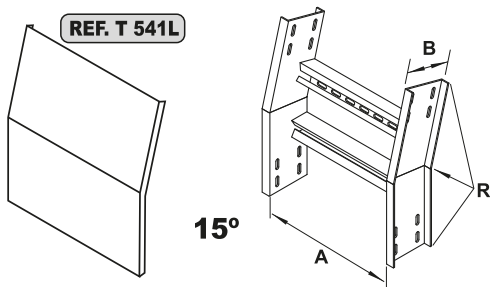
RAIO RADIUS	A			B	
320	100	500	900	60	150
520	200	600	1000	75	200
645	300	700	1100	100	
895	400	800	1200		

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED

**CURVA VERTICAL EXTERNA
(RAIO SEGMENTADO)**

EXTERNAL VERTICAL BEND (SEGMENTED RADIUS)

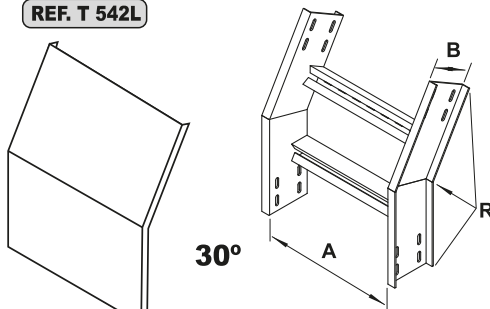
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15°

REF. BL 034

REF. T 542L

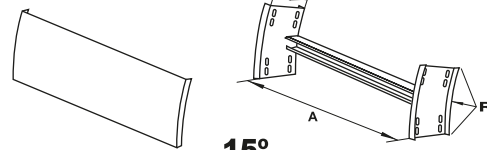


30°

REF. BL 035

RAIO RADIUS	A			B	
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520	200	600	1000	75	200
645	300	700	1100	100	
895	400	800	1200		

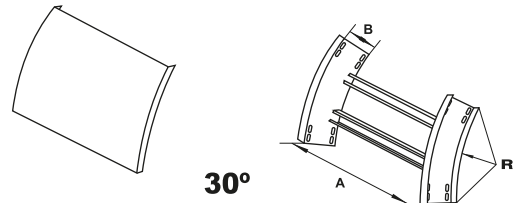
REF. T 541L



15°

REF. BL 034

REF. T 542L



30°

REF. BL 035

TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

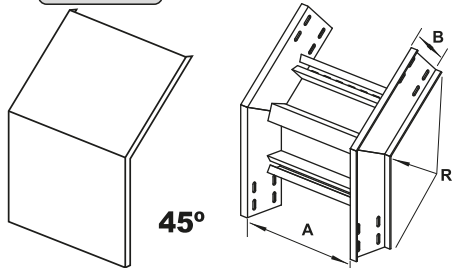
RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED



**CURVA VERTICAL EXTERNA
(RAIO SEGMENTADO)**

EXTERNAL VERTICAL BEND
(SEGMENTED RADIUS)

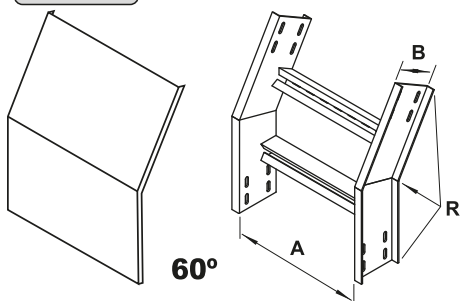
REF. T 543L



45°

REF. BL 037

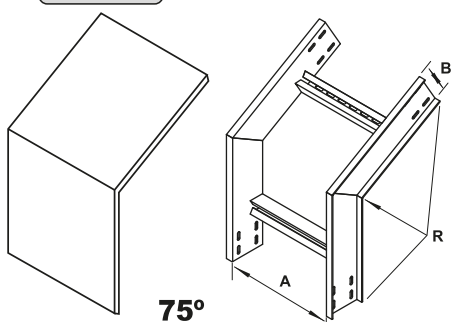
REF. T 545L



60°

REF. BL 039

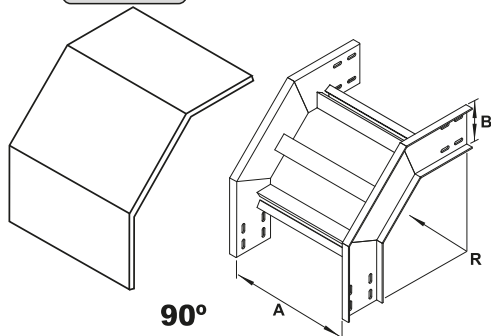
REF. T 544L



75°

REF. BL 041

REF. T 516L



90°

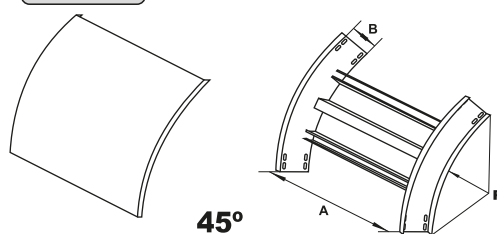
REF. BL 043

**CURVA VERTICAL EXTERNA
(RAIO CURVILÍNEO)**

EXTERNAL VERTICAL BEND
(CURVILINEAR RADIUS)

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED

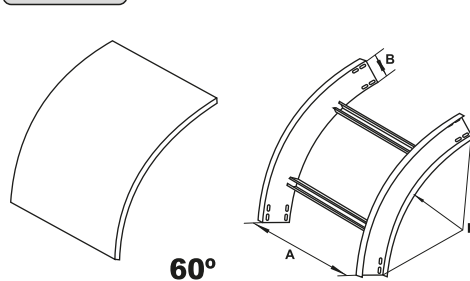
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45°

REF. BL 037

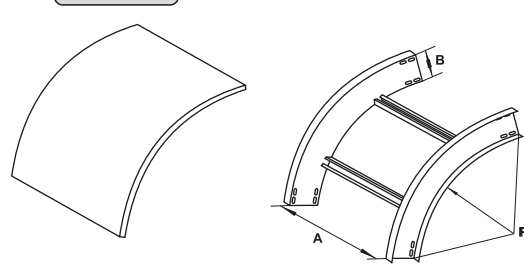
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60°

REF. BL 039

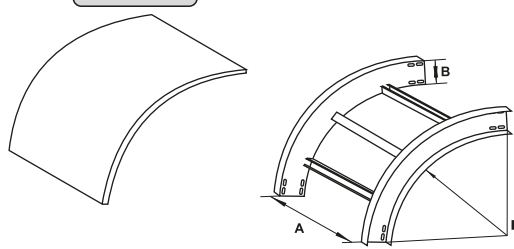
REF. T 544L



75°

REF. BL 041

REF. T 516L



90°

REF. BL 043

RAIO RADIUS	A			B	
320	100	500	900	60	150
520	200	600	1000	75	200
645	300	700	1100	100	
895	400	800	1200		

TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

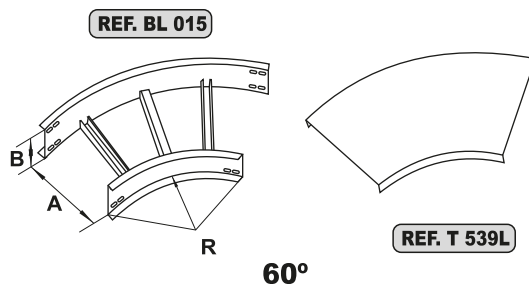
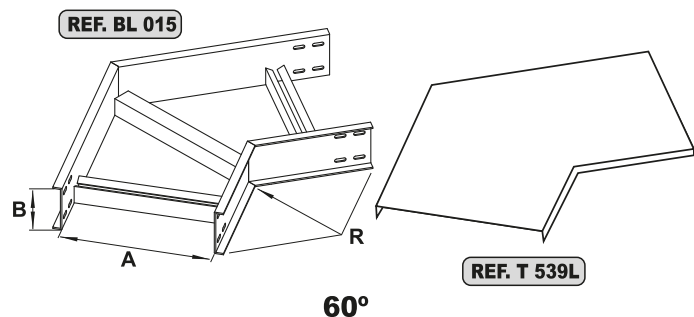
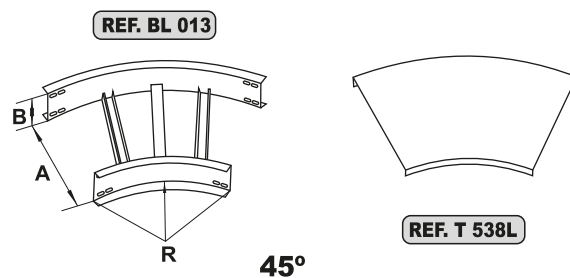
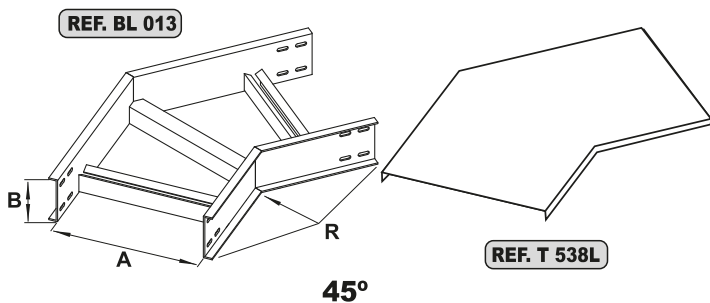
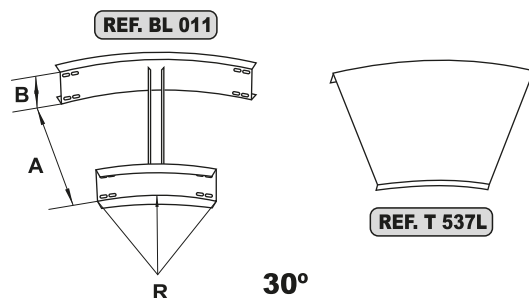
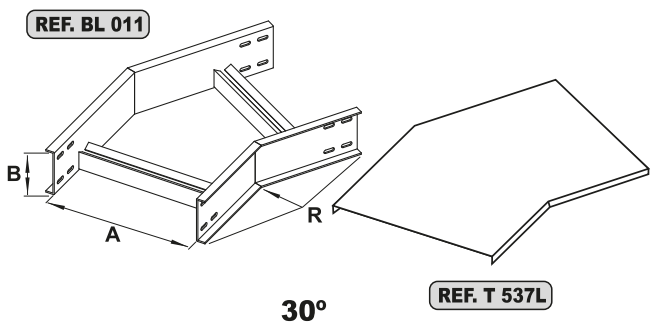
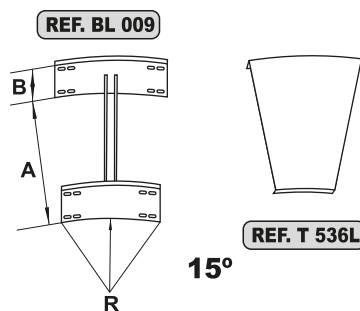
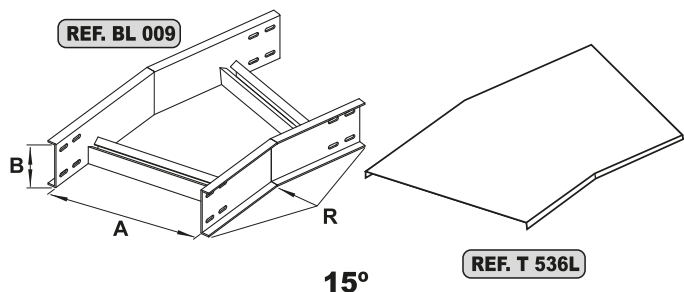
**CURVA HORIZONTAL
(RAIO SEGMENTADO)**

HORIZONTAL BEND
(SEGMENTED RADIUS)

**CURVA HORIZONTAL
(RAIO CURVILÍNEO)**

HORIZONTAL BEND
(CURVILINEAR RADIUS)

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED



TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

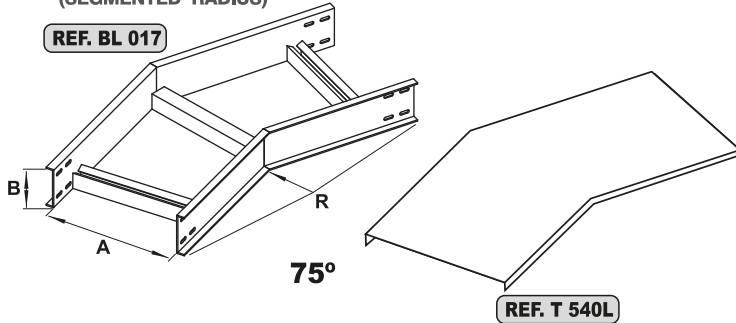
RAIO RADIUS	A		B	
320	100	500	900	60 150
520	200	600	1000	75 200
645	300	700	1100	100
895	400	800	1200	



CURVA HORIZONTAL (RAIO SEGMENTADO)

HORIZONTAL BEND
(SEGMENTED RADIUS)

REF. BL 017



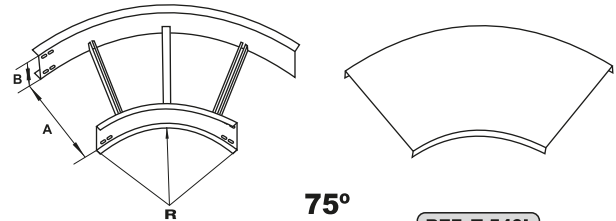
75°

REF. T 540L

CURVA HORIZONTAL (RAIO CURVILÍNEO)

HORIZONTAL BEND
(CURVILINEAR RADIUS)

REF. BL 017

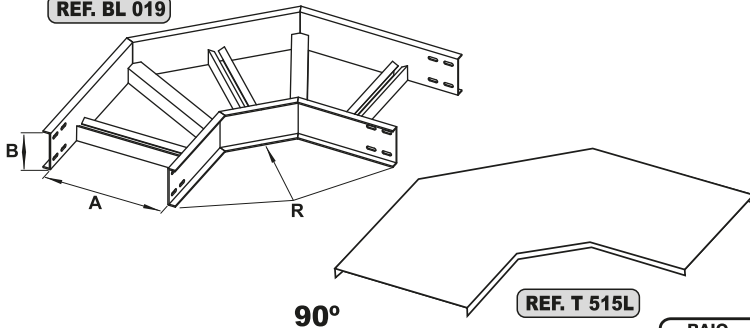


75°

REF. T 540L

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED

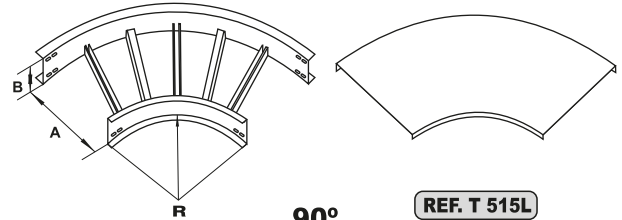
REF. BL 019



90°

REF. T 515L

REF. BL 019



90°

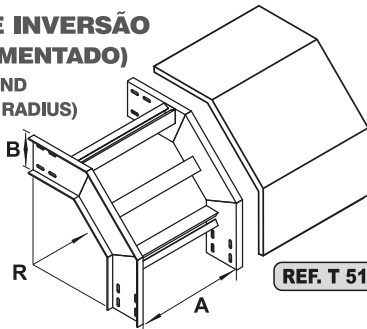
REF. T 515L

TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

RAIO RADIUS	A	B
320	100 500 900	60 150
520	200 600 1000	75 200
645	300 700 1100	100
895	400 800 1200	

CURVA DE INVERSÃO (RAIO SEGMENTADO)

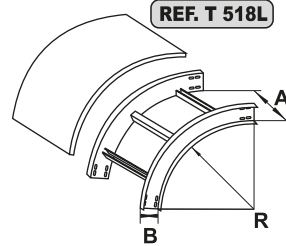
INVERSION BEND
(SEGMENTED RADIUS)



REF. T 518L

CURVA DE INVERSÃO (RAIO CURVILÍNEO)

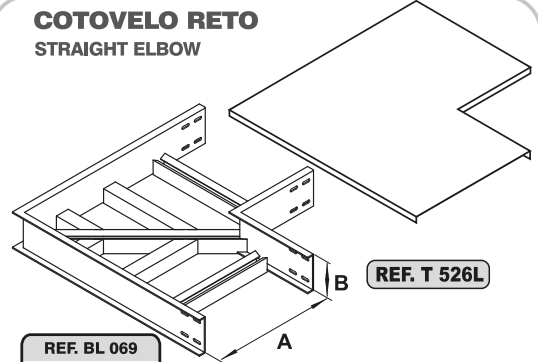
INVERSION BEND
(CURVILINEAR RADIUS)



REF. T 518L

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED

COTOVELO RETO STRAIGHT ELBOW



REF. T 526L

REF. BL 045

RAIO RADIUS	A	B
320	100 500 900	60 150
520	200 600 1000	75 200
645	300 700 1100	100
895	400 800 1200	

TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

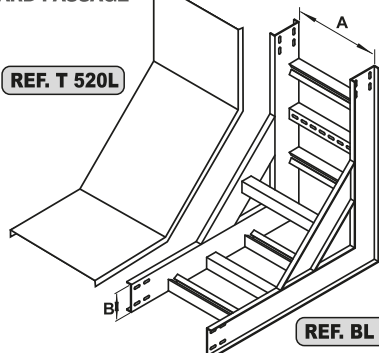
REF. BL 069

LARGURA "A" "A" WIDTH	B
100 500 900	60 150
200 600 1000	75 200
300 700 1100	100
400 800 1200	

TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

CURVA COM PASSAGEM RETA SUBIDA

90° BEND WITH STRAIGHT
UPWARD PASSAGE

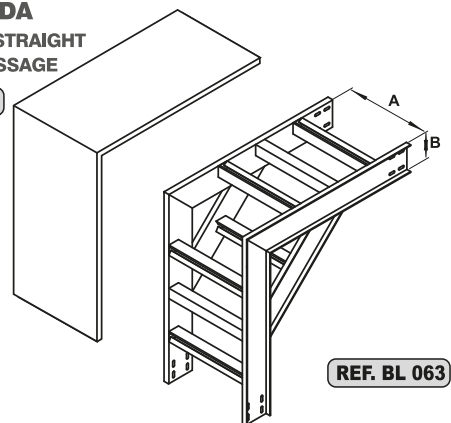


REF. T 520L

REF. BL 061

CURVA COM PASSAGEM RETA DESCIDA

90° BEND WITH STRAIGHT
DOWNWARD PASSAGE



REF. T 519L

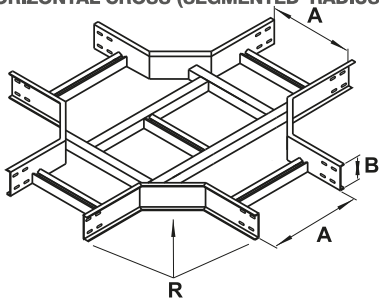
REF. BL 063

TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

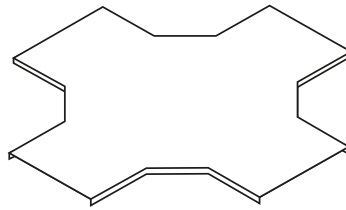
A	B
100 500 900	60 150
200 600 1000	75 200
300 700 1100	100
400 800 1200	

**CRUZETA HORIZONTAL
(RAIO SEGMENTADO)**

HORIZONTAL CROSS (SEGMENTED RADIUS)



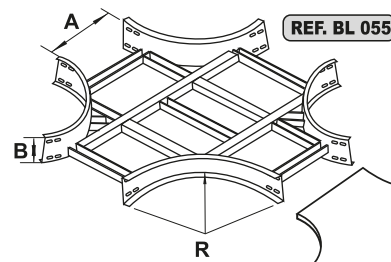
REF. BL 055



REF. T 529L

**CRUZETA HORIZONTAL
(RAIO CURVILÍNEO)**

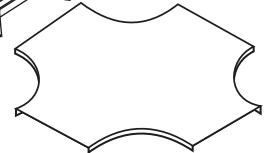
HORIZONTAL CROSS (CURVILINEAR RADIUS)



REF. BL 055

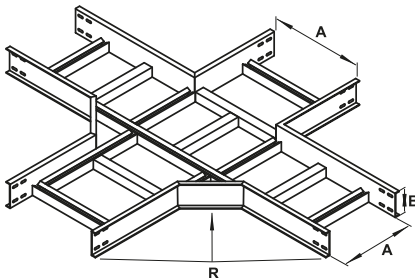
RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED

REF. T 529L

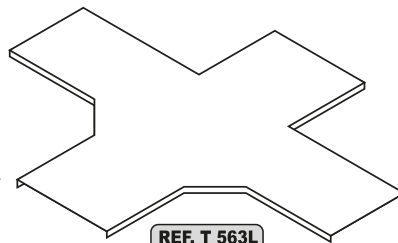


**CRUZETA COM UMA SAÍDA RETA
(RAIO SEGMENTADO)**

CROSS WITH ONE STRAIGHT OUTLET
(SEGMENTED RADIUS)



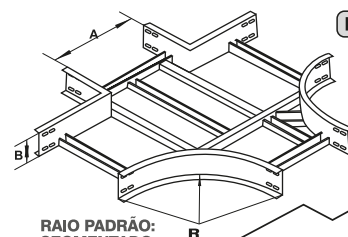
REF. BL 053



REF. T 563L

**CRUZETA COM UMA SAÍDA RETA
(RAIO CURVILÍNEO)**

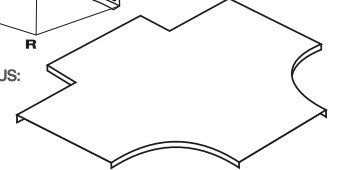
CROSS WITH ONE STRAIGHT OUTLET
(CURVILINEAR RADIUS)



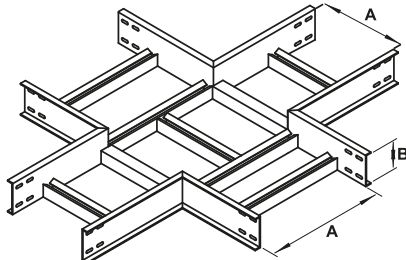
REF. BL 053

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED

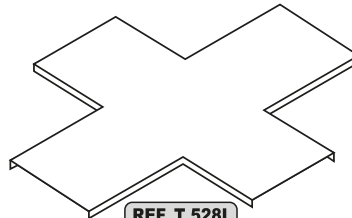
REF. T 563L



CRUZETA RETA
STRAIGHT CROSS



REF. BL 073

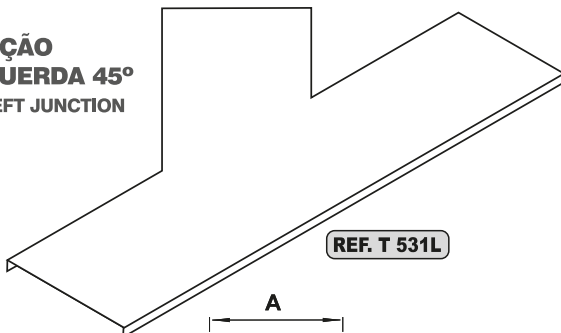


REF. T 528L

RAIO RADIUS	A		B	
320	100	500 900	60	150
520	200	600 1000	75	200
645	300	700 1100	100	
895	400	800 1200		

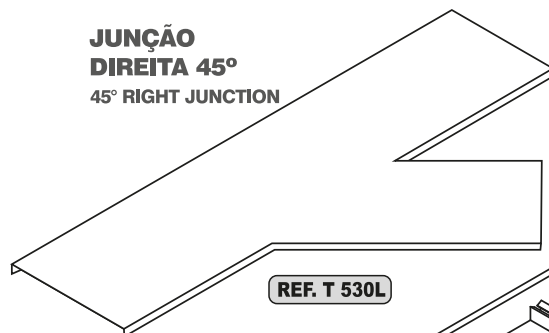
TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

JUNÇÃO ESQUERDA 45°
45° LEFT JUNCTION

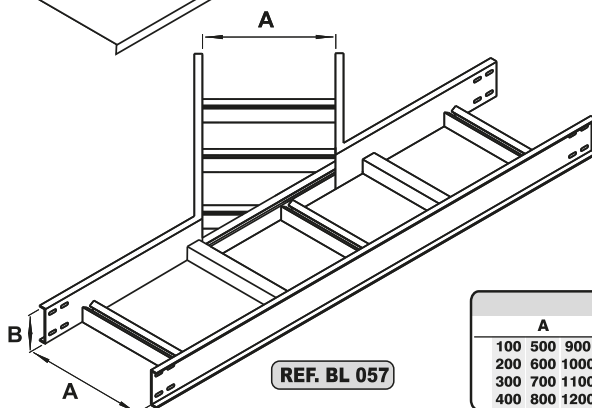


REF. T 531L

JUNÇÃO DIREITA 45°
45° RIGHT JUNCTION

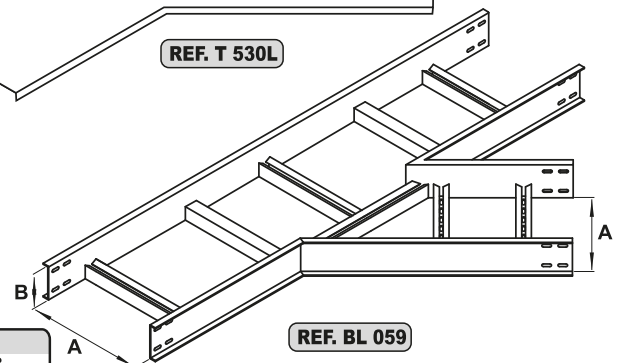


REF. T 530L



REF. BL 057

A	B
100 500 900	60 150
200 600 1000	75 200
300 700 1100	100
400 800 1200	



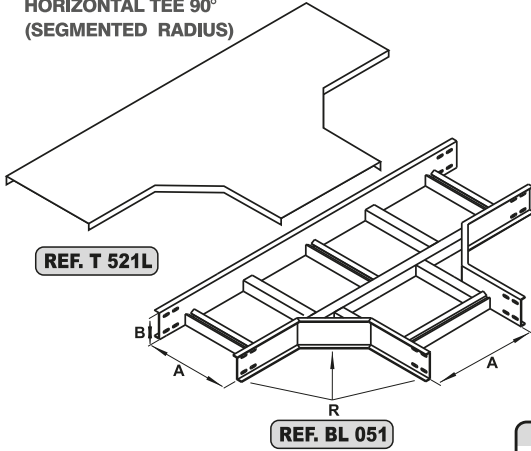
REF. BL 059

TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY



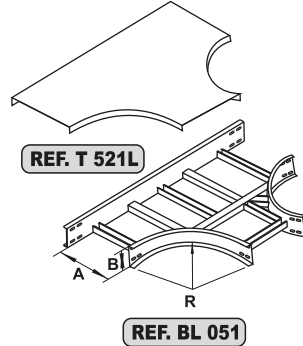
TÊ HORIZONTAL 90° (RAIO SEGMENTADO)

HORIZONTAL TEE 90°
(SEGMENTED RADIUS)

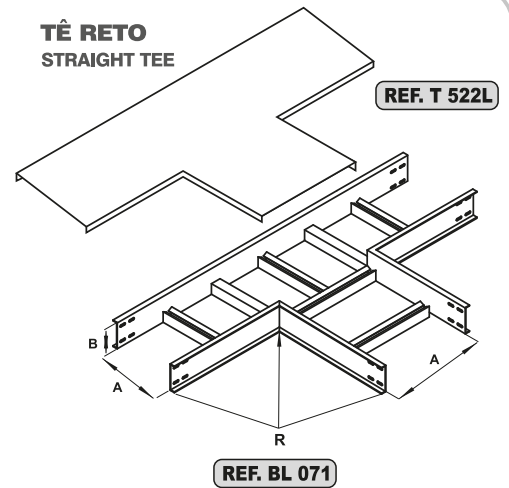


TÊ HORIZONTAL 90° (RAIO CURVILÍNEO)

HORIZONTAL TEE 90°
(CURVILINEAR RADIUS)
RAIO PADRÃO: SEGMENTADO
STANDARD RADIUS: SEGMENTED

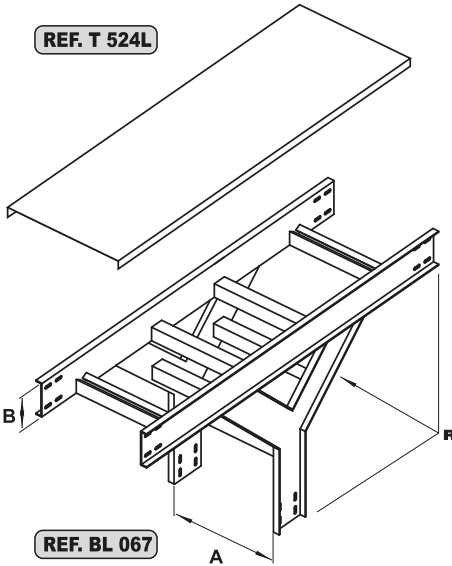


TÊ RETO STRAIGHT TEE



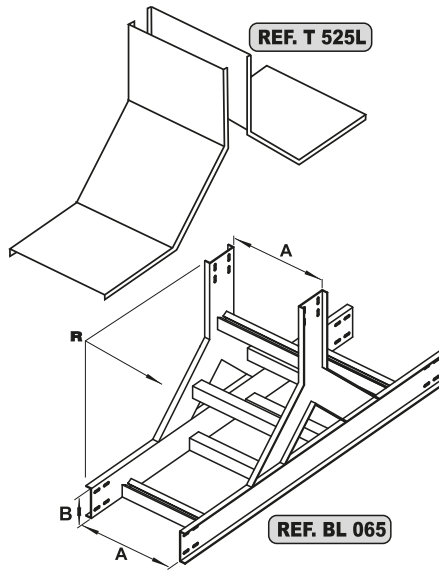
TÊ VERTICAL DESCIDA DOWNWARD VERTICAL TEE

REF. T 524L



TÊ VERTICAL SUBIDA UPWARD VERTICAL TEE

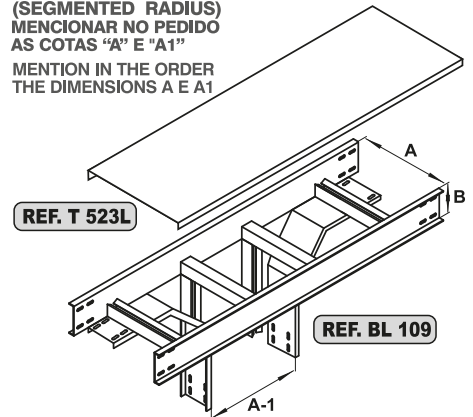
REF. T 525L



TÊ VERTICAL DESCIDA LATERAL (RAIO SEGMENTADO)

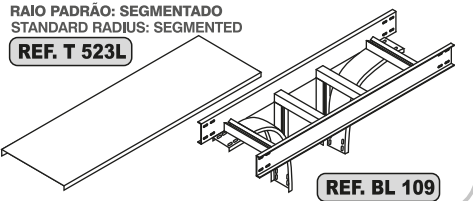
DOWNWARD SIDE VERTICAL TEE
(SEGMENTED RADIUS)
MENCIONAR NO PEDIDO
AS COTAS "A" E "A1"

MENTION IN THE ORDER
THE DIMENSIONS A E A1



TÊ VERTICAL DESCIDA LATERAL (RAIO CURVILÍNEO)

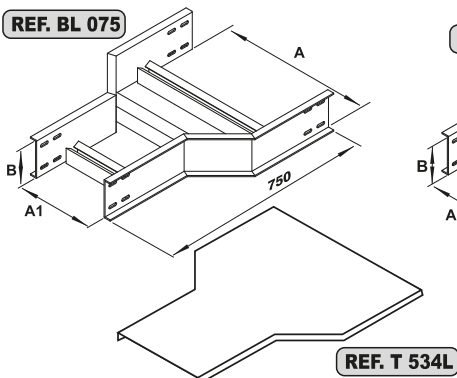
DOWNWARD SIDE VERTICAL TEE
(CURVILINEAR RADIUS)
RAIO PADRÃO: SEGMENTADO
STANDARD RADIUS: SEGMENTED



TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

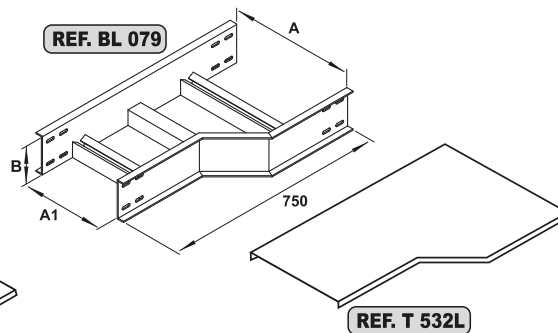
REDUÇÃO CONCÊNTRICA CONCENTRIC REDUCTION

REF. BL 075



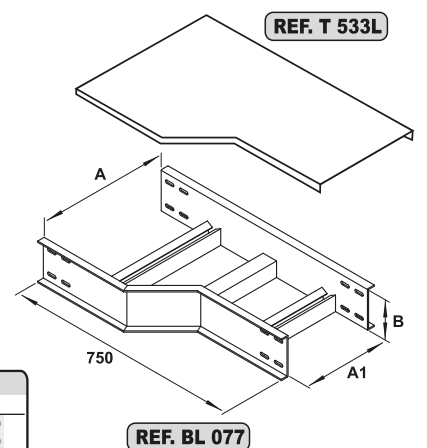
REDUÇÃO DIREITA RIGHT REDUCTION

REF. BL 079



REDUÇÃO ESQUERDA LEFT REDUCTION

REF. T 533L



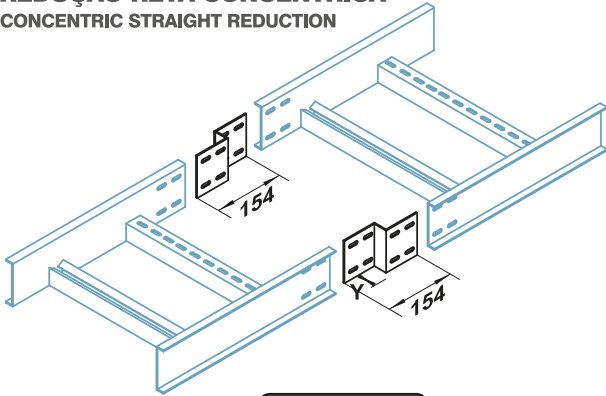
TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

MENCIONAR NO PEDIDO
AS COTAS "A" E "A1"
MENTION IN THE ORDER
THE DIMENSIONS A E A1

RAIO	A	B
320	100 500 900	60 150
520	200 600 1000	75 200
645	300 700 1100	100
895	400 800 1200	

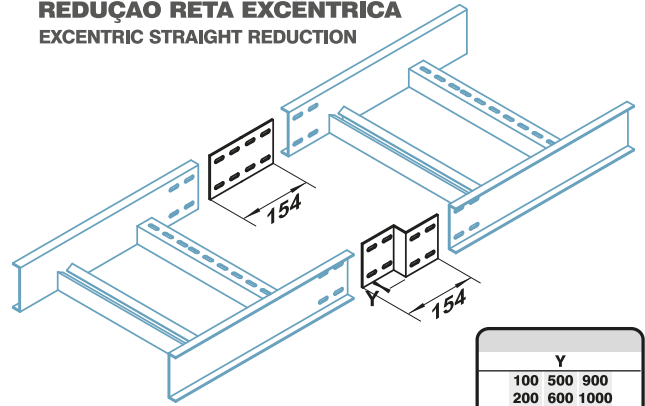
A / A1	B
100 500 900	60 150
200 600 1000	75 200
300 700 1100	100
400 800 1200	

REDUÇÃO RETA CONCÊNTRICA
CONCENTRIC STRAIGHT REDUCTION



REF. BL 084

REDUÇÃO RETA EXCÊNTRICA
EXCENTRIC STRAIGHT REDUCTION

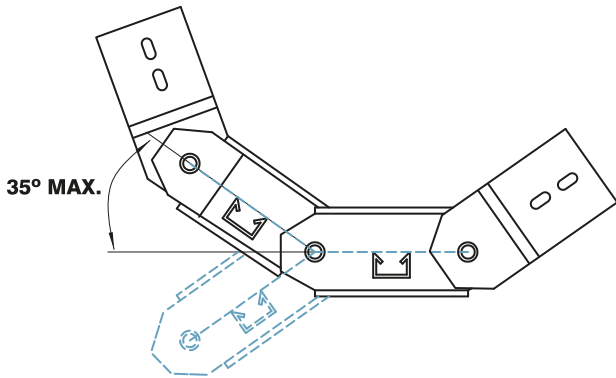


REF. BL 085

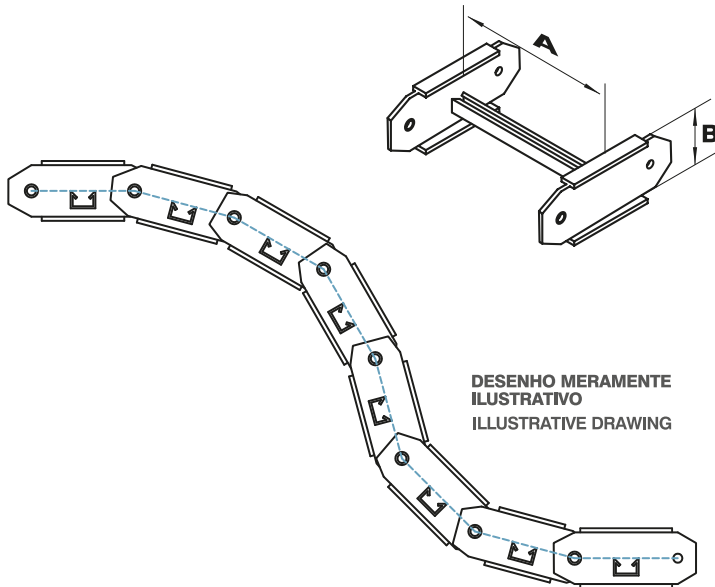
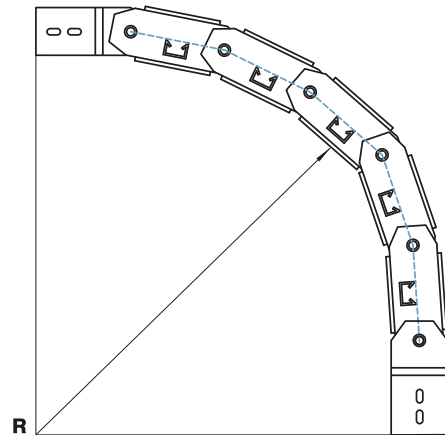
Y			
100	500	900	
200	600	1000	
300	700	1100	
400	800	1200	

CURVA VERTICAL ARTICULADA (CONJUNTO)
ARTICULATED VERTICAL BEND (SET)

CONJUNTO MÍNIMO
MINIMUM SET



CONJUNTO PADRÃO
STANDARD SET



REF. BL 086					
DIMENSÕES PARA REFERÊNCIA					
DIMENSIONS FOR REFERENCE					
A			B		
100	500	900	60		
150	550	950	75		
200	600	1000	100		
250	650	1050	150		
300	700	1100	200		
350	750	1150			
400	800	1200			
450	850				

1 CONJUNTO CONTÉM: 5 UNIDADES DA CURVA VERTICAL ARTICULADA, 12 PARAFUSOS SEXTAVADOS 3/8X3/4, 12 PORCAS SEXTAVADAS 3/8, 12 ARRUELAS LISAS 3/8 E 4 JUNÇÕES ARTICULADAS.

1 SET CONTAINS: 5 PIECES OF ARTICULATED VERTICAL BEND, 12 HEXAGONAL BOLTS 3/8X3/4, 12 HEXAGONAL NUTS 3/8, 12 FLAT WASHERS 3/8 AND 4 ARTICULATED JUNCTIONS.

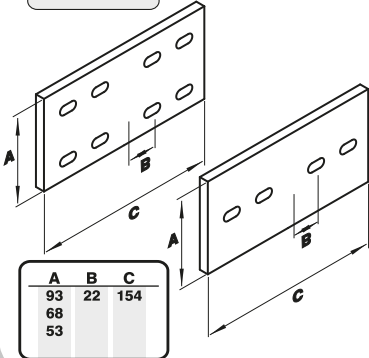
NÚMEROS DE GOMAS / CURVA
NUMBER OF PIECES / BEND

REF.	GRAUS	R-320	R-520	R-320	R-520	R-645	R-895
41	15°	-	1	-	1	-	1
42	22°	1	-	-	-	1	-
43	30°	-	2	1	-	2	2
44	45°	2	3	-	2	2	3
45	60°	-	4	2	-	-	4
46	67°	3	-	-	3	3	-
47	75°	-	5	-	-	-	5
48	90°	5	6	3	4	4	6



JUNÇÃO SIMPLES PLAIN STRAIGHT JUNCTION

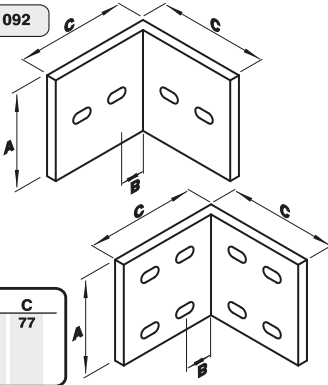
REF. BL 090



A	B	C
93	22	154
68		
53		

JUNÇÃO 90° 90° JUNCTION

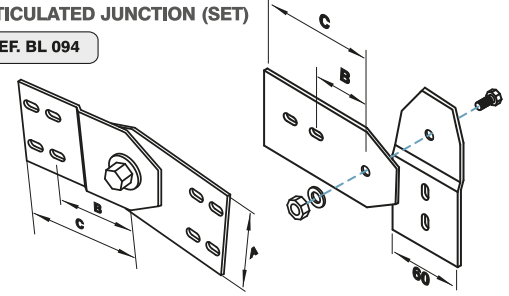
REF. BL 092



A	B	C
93	30	77
68		
53		

JUNÇÃO ARTICULADA (CONJUNTO) ARTICULATED JUNCTION (SET)

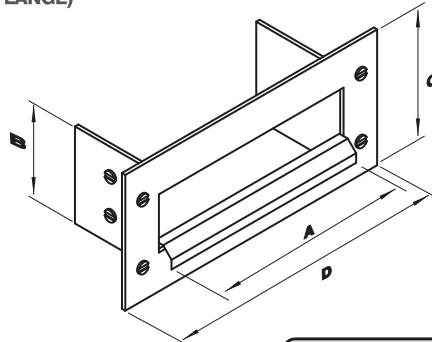
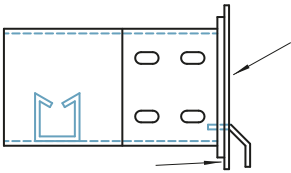
REF. BL 094



A	B	C
93	65	120
68		
53		

1 CONJUNTO CONTÉM: 2 JUNÇÕES ARTICULADAS,
1 PARAFUSO SEXTAVADO 3/8X3/4, 1 PORCA 3/8
E 1 ARRUELA 3/8
1 SET CONTAINS: 2 ARTICULATED JUNCTIONS,
2 HEXAGONAL BOLTS 3/8X3/4, 2 HEXAGONAL
NUTS 3/8 AND 2 FLAT WASHERS 3/8

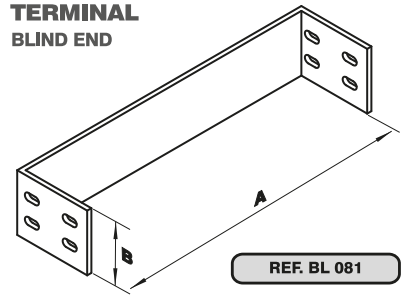
PROTEÇÃO PARA LIG. EM PAINEL (FLANGE) PROTECTION FOR PANEL CONNECTION (FLANGE)



A					B	
100	300	500	700	900	1100	60 150
150	350	550	750	950	1150	75 200
200	400	600	800	1000	1200	100
250	450	650	850	1050		

REF. BL 082

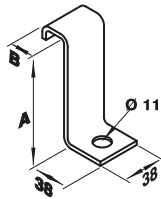
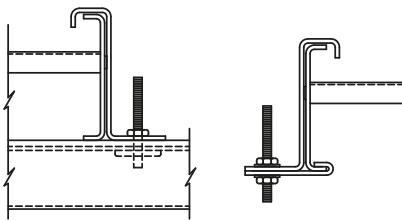
TERMINAL BLIND END



REF. BL 081

A					B	
100	300	500	700	900	1100	60 150
150	350	550	750	950	1150	75 200
200	400	600	800	1000	1200	100
250	450	650	850	1050		

SUPORTE SIMPLES SIMPLE BRACKET



REF. BL 098

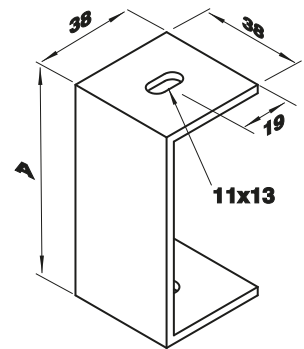
LONGARINA DO LEITO
SIDE RAIL OF CABLE LADDERS

A	B	
57	22	60 X 19
75	22	75 X 19
97	22	100 X 19
97	48	100 X 45

NOTA: SOMENTE PARA LEITOS
COM VIROLA DE 19MM
NOTE: ONLY FOR CABLE
LADDERS WITH 19 MM FLAP

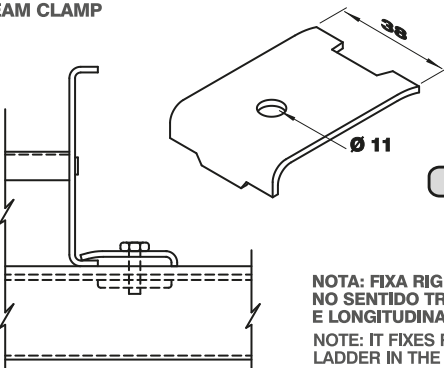
SUPORTE DE SUSPENSÃO PARA LEITO SUSPENSION BRACKET FOR CABLE LADDER

REF. BL 099



A				
100	300	500	700	900 1100
150	350	550	750	950 1150
200	400	600	800	1000 1200
250	450	650	850	1050

GRAPA FIXA BEAM CLAMP

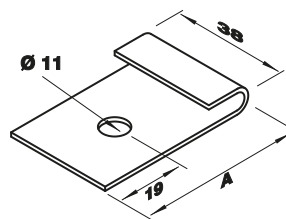


REF. BL 096

NOTA: FIXA RIGIDAMENTE O LEITO
NO SENTIDO TRANSVERSAL
E LONGITUDINAL

NOTE: IT FIXES RIGIDLY THE CABLE
LADDER IN THE TRANSVERSE AND
LONGITUDINAL DIRECTIONS

PRESILHA GUIA GUIDE CLIP



REF. BL 097

REF. PARA LEITOS	Aba 45 91		Aba 19 65	
	BL 003	BL 002	BL 006	BL 006
BL 007	BL 003	BL 007	BL 007	
BL 008	BL 005	BL 008	BL 008	

NOTA: FIXA RIGIDAMENTE O LEITO
NO SENTIDO TRANSVERSAL
E LONGITUDINAL

NOTE: IT FIXES RIGIDLY THE CABLE
LADDER IN THE TRANSVERSE AND
LONGITUDINAL DIRECTIONS

TABELA DE DIMENSÕES PARA ELETRICALS
TABLE OF DIMENSIONS FOR CABLE TRAYS

CÓDIGO CODE	BASE BASE	ALTURA HEIGHT	CÓDIGO CODE	BASE BASE	ALTURA HEIGHT
BM 001	50 mm	50 mm	BM 021	300 mm	100 mm
BM 002	75 mm	50 mm	BM 022	300 mm	150 mm
BM 003	75 mm	75 mm	BM 023	350 mm	50 mm
BM 004	100 mm	50 mm	BM 024	350 mm	75 mm
BM 005	100 mm	75 mm	BM 025	350 mm	100 mm
BM 006	100 mm	100 mm	BM 026	350 mm	150 mm
BM 007	150 mm	50 mm	BM 027	400 mm	50 mm
BM 008	150 mm	75 mm	BM 028	400 mm	75 mm
BM 009	150 mm	100 mm	BM 029	400 mm	100 mm
BM 010	150 mm	150 mm	BM 030	400 mm	150 mm
BM 011	200 mm	50 mm	BM 031	500 mm	50 mm
BM 012	200 mm	75 mm	BM 032	500 mm	75 mm
BM 013	200 mm	100 mm	BM 033	500 mm	100 mm
BM 014	200 mm	150 mm	BM 034	500 mm	150 mm
BM 015	250 mm	50 mm	BM 035	600 mm	50 mm
BM 016	250 mm	75 mm	BM 036	600 mm	75 mm
BM 017	250 mm	100 mm	BM 037	600 mm	100 mm
BM 018	250 mm	150 mm	BM 038	600 mm	150 mm
BM 019	300 mm	50 mm	BM 039	700 mm	100 mm
BM 020	300 mm	75 mm	BM 040	800 mm	100 mm

AL - ALUMÍNIO

IN - AÇO INOX 304 / 316

GF - GALVANIZADO A FOGO

GE - GALVANIZADO ELETROLÍTICO

PZ - PRÉ ZINCADO

EP - PINTURA EPÓX

AL - ALUMINUM

IN - STAINLESS STEEL 304 / 316

GF - HOT DIP GALVANIZED

GE - ELECTROLYTIC GALVANIZED

PZ - PRE GALVANIZED

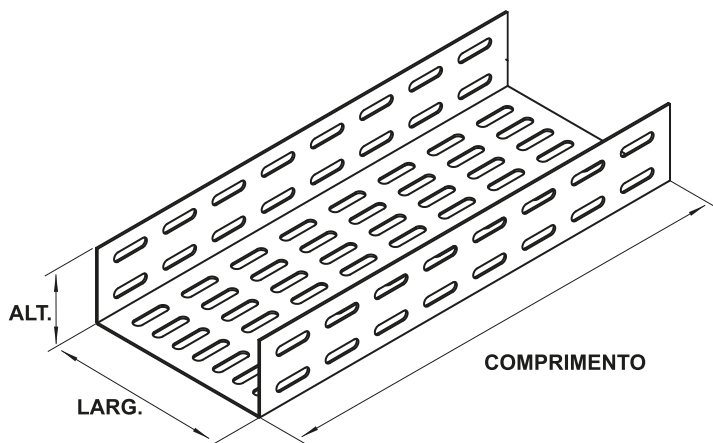
EP - EPOX PAINTING COATING

OBS.: AS ELETRICALS SÃO FABRICADAS EM CHAPAS DE:

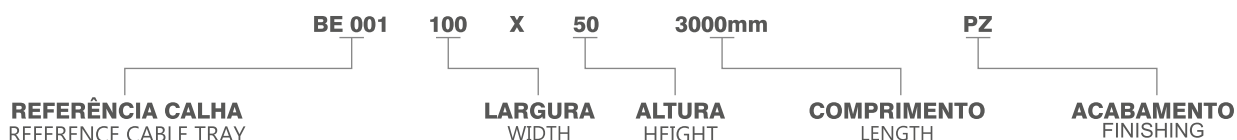
REMARK: THE CABLE TRAYS ARE MANUFACTURED IN STEEL SHEETS OF:

NOTA: COMPRIMENTO É PADRÃO 3000MM

NOTE: THE STANDARD LENGTH IS 3000MM

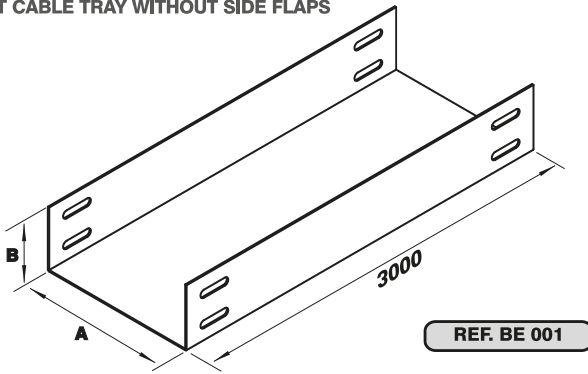


COMO SOLICITAR
HOW TO ORDER

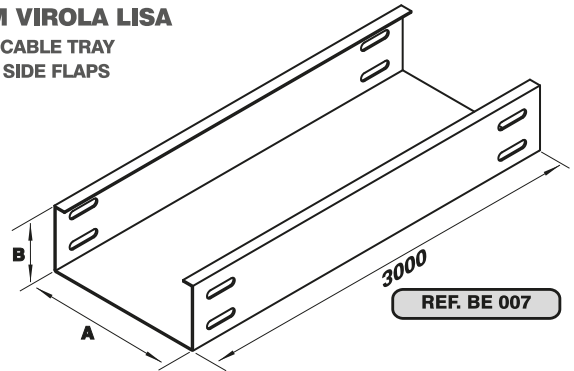




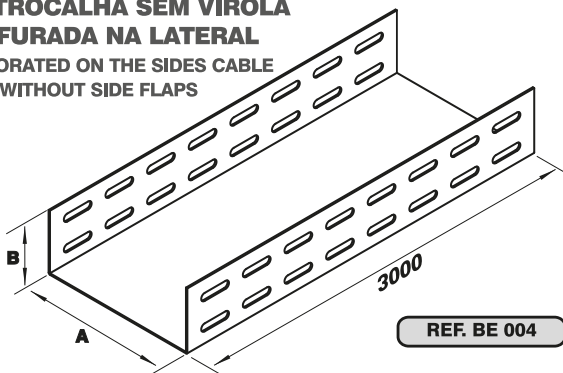
ELETROCALHA SEM VIROLA LISA FLAT CABLE TRAY WITHOUT SIDE FLAPS



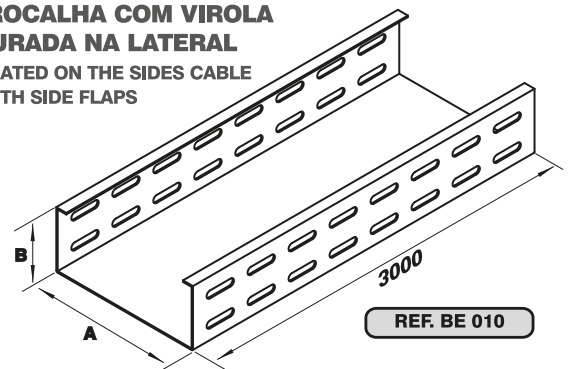
ELETROCALHA COM VIROLA LISA FLAT CABLE TRAY WITH SIDE FLAPS



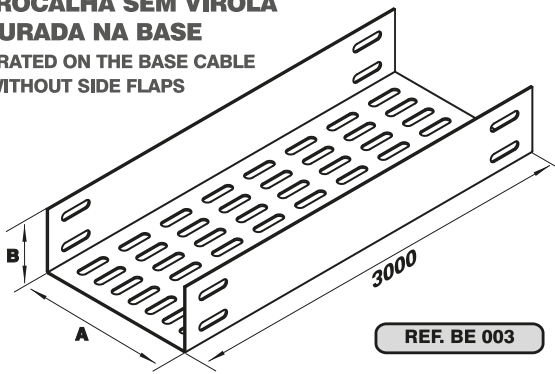
ELETROCALHA SEM VIROLA PERFURADA NA LATERAL PERFORATED ON THE SIDES CABLE TRAY WITHOUT SIDE FLAPS



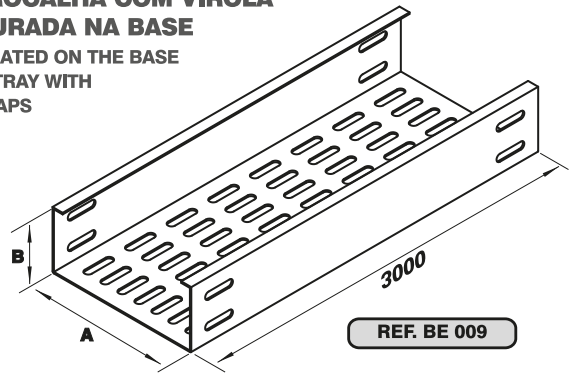
ELETROCALHA COM VIROLA PERFURADA NA LATERAL PERFORATED ON THE SIDES CABLE TRAY WITH SIDE FLAPS



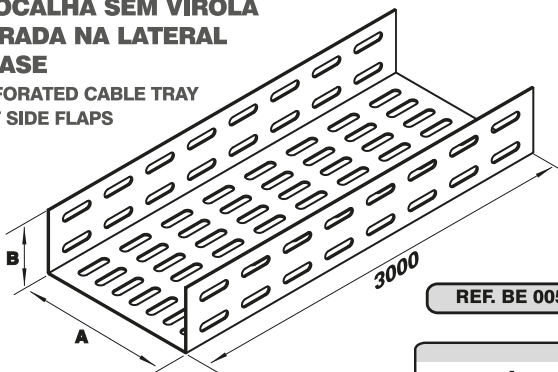
ELETROCALHA SEM VIROLA PERFURADA NA BASE PERFORATED ON THE BASE CABLE TRAY WITHOUT SIDE FLAPS



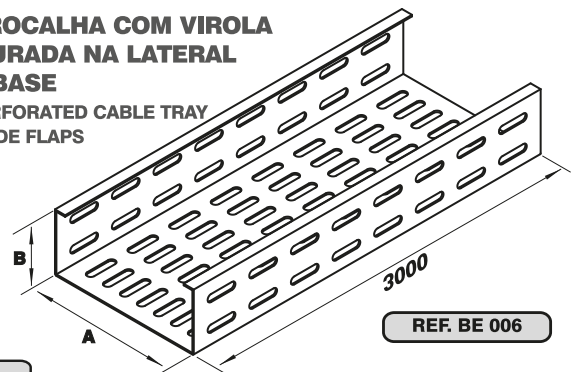
ELETROCALHA COM VIROLA PERFURADA NA BASE PERFORATED ON THE BASE CABLE TRAY WITH SIDE FLAPS



ELETROCALHA SEM VIROLA PERFURADA NA LATERAL E NA BASE ALL PERFORATED CABLE TRAY WITHOUT SIDE FLAPS

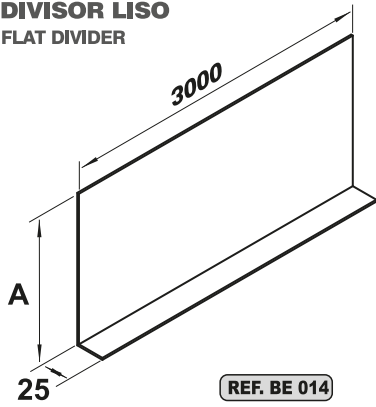


ELETROCALHA COM VIROLA PERFURADA NA LATERAL E NA BASE ALL PERFORATED CABLE TRAY WITH SIDE FLAPS



A				B	
25	300	650	1000	25	
50	350	700	1050	50	
75	400	750	1100	75	
100	450	800	1150	100	
150	500	850	1200	150	
200	550	900		200	
250	600	950		250	

DIVISOR LISO
FLAT DIVIDER

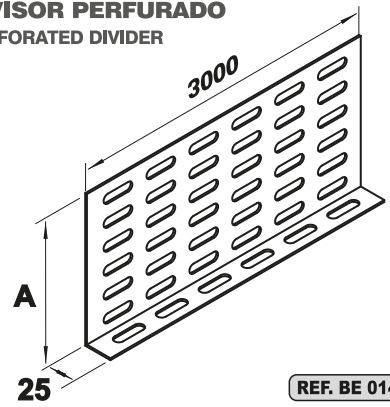


REF. BE 014

A

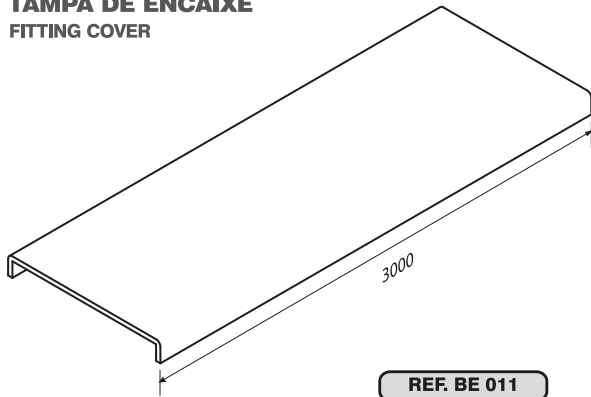
- 25
- 50
- 75
- 100
- 150
- 200
- 250

DIVISOR PERFURADO
PERFORATED DIVIDER



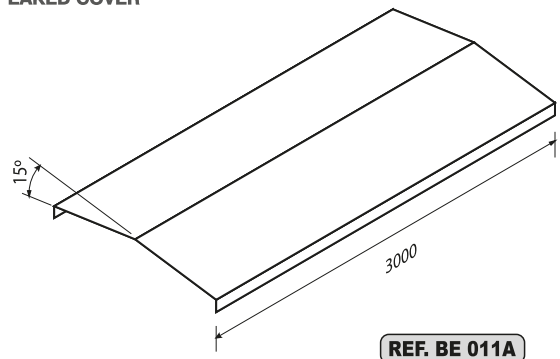
REF. BE 014

TAMPA DE ENCAIXE
FITTING COVER



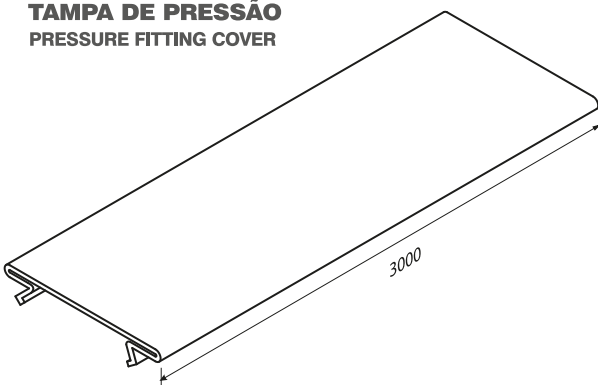
REF. BE 011

TAMPA DE ENCAIXE 2 ÁGUAS
PEAKED COVER



REF. BE 011A

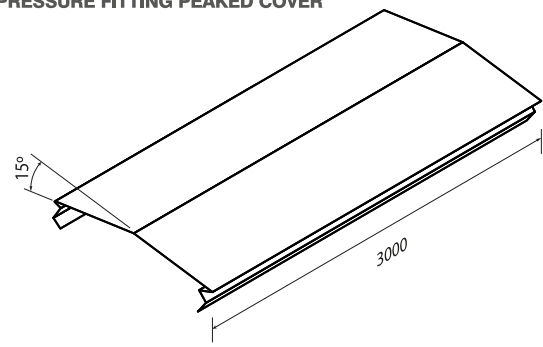
TAMPA DE PRESSÃO
PRESSURE FITTING COVER



REF. BE 013

VÁLIDA SOMENTE PARA
ELETRICAL RACEWAYS WITH SIDE FLAPS
USED ONLY FOR CABLE TRAYS
WITH SIDE FLAPS

TAMPA DE PRESSÃO 2 ÁGUAS
PRESSURE FITTING PEAKED COVER



REF. BE 013A

VÁLIDA SOMENTE PARA
ELETRICAL RACEWAYS WITH SIDE FLAPS
USED ONLY FOR CABLE TRAYS
WITH SIDE FLAPS

A

25	300	650	1000
50	350	700	1050
75	400	750	1100
100	450	800	1150
150	500	850	1200
200	550	900	
250	600	950	

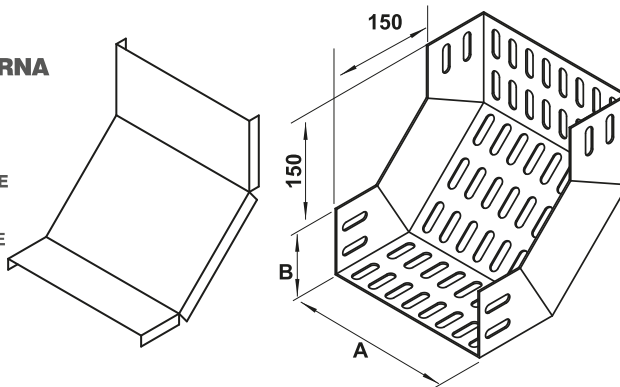


**CURVA VERTICAL INTERNA
(RAIO SEGMENTADO)**

INTERNAL VERTICAL BEND
(SEGMENTED RADIUS)

O MODELO DO ACESSÓRIO SEGUE
O PADRÃO DO TRECHO RETO
DA ELETROCALHA

ACCESSORIES TYPE FOLLOWS THE
CABLE TRAY SPECIFICATIONS

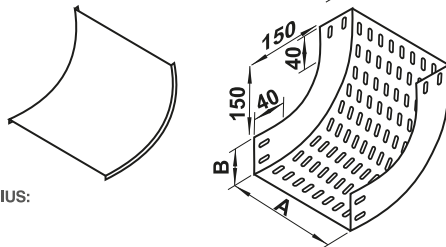


**CURVA VERTICAL INTERNA
(RAIO CURVILÍNEO)**

INTERNAL VERTICAL BEND
(CURVILINEAR RADIUS)

FORNECIMENTO OPCIONAL -
MENCIONAR NO PEDIDO
SPECIAL SUPPLY - PLEASE,
MENTIONED ON ORDER

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED



CURVA BEND		TAMPA COVER	
BE 020	90°	T 517E	90°
BE 147	75°	T 550E	75°
BE 141	60°	T 549E	60°
BE 033	45°	T 548E	45°
BE 140	30°	T 547E	30°
BE 139	15°	T 546E	15°

A				B	
25	300	650	1000	25	
50	350	700	1050	50	
75	400	750	1100	75	
100	450	800	1150	100	
150	500	850	1200	150	
200	550	900		200	
250	600	950		250	

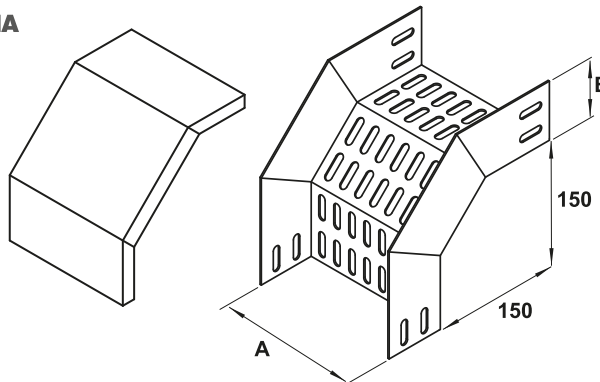
TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

**CURVA VERTICAL EXTERNA
(RAIO SEGMENTADO)**

EXTERNAL VERTICAL BEND
(SEGMENTED RADIUS)

O MODELO DO ACESSÓRIO SEGUE
O PADRÃO DO TRECHO RETO
DA ELETROCALHA

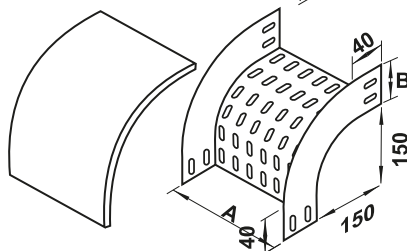
ACCESSORIES TYPE FOLLOWS THE
CABLE TRAY SPECIFICATIONS



**CURVA VERTICAL EXTERNA
(RAIO CURVILÍNEO)**

EXTERNAL VERTICAL BEND
(CURVILINEAR RADIUS)

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED



CURVA BEND		TAMPA COVER	
BE 021	90°	T 516E	90°
BE 146	75°	T 545E	75°
BE 144	60°	T 544E	60°
BE 034	45°	T 543E	45°
BE 143	30°	T 542E	30°
BE 142	15°	T 541E	15°

A				B	
25	300	650	1000	25	
50	350	700	1050	50	
75	400	750	1100	75	
100	450	800	1150	100	
150	500	850	1200	150	
200	550	900		200	
250	600	950		250	

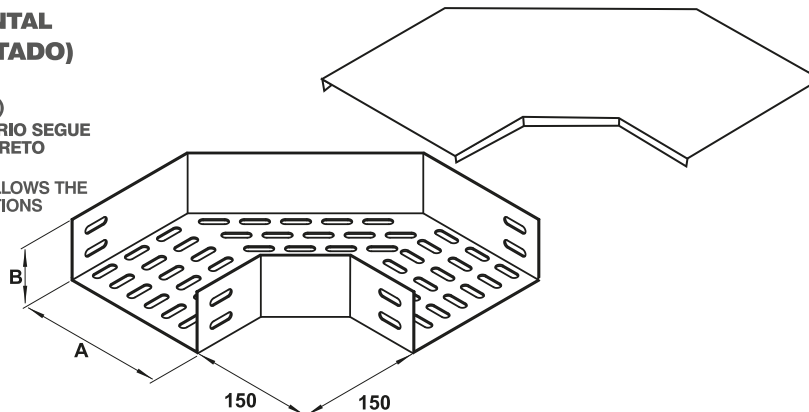
TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

**CURVA HORIZONTAL
(RAIO SEGMENTADO)**

HORIZONTAL BEND
(SEGMENTED RADIUS)

O MODELO DO ACESSÓRIO SEGUE
O PADRÃO DO TRECHO RETO
DA ELETROCALHA

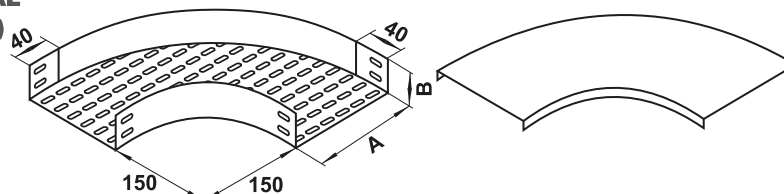
ACCESSORIES TYPE FOLLOWS THE
CABLE TRAY SPECIFICATIONS



**CURVA HORIZONTAL
(RAIO CURVILÍNEO)**

HORIZONTAL BEND
(CURVILINEAR RADIUS)

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED



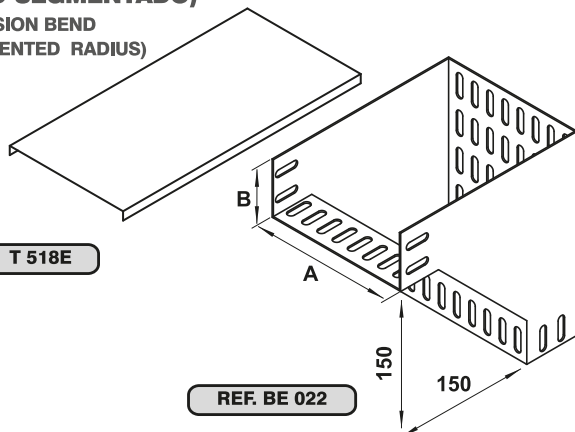
CURVA BEND		TAMPA COVER	
BE 019	90°	T 515E	90°
BE 148	75°	T 540E	75°
BE 138	60°	T 539E	60°
BE 032	45°	T 538E	45°
BE 137	30°	T 537E	30°
BE 136	15°	T 536E	15°

A				B	
25	300	650	1000	25	
50	350	700	1050	50	
75	400	750	1100	75	
100	450	800	1150	100	
150	500	850	1200	150	
200	550	900		200	
250	600	950		250	

TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

CURVA DE INVERSÃO (RAIO SEGMENTADO)

INVERSION BEND (SEGMENTED RADIUS)



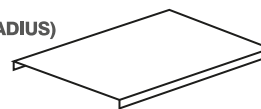
REF. T 518E

REF. BE 022

CURVA DE INVERSÃO (RAIO CURVILÍNEO)

INVERSION BEND (CURVILINEAR RADIUS)

RAIO PADRÃO: SEGMENTADO
STANDARD RADIUS: SEGMENTED



REF. T 518E

REF. BE 022

TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

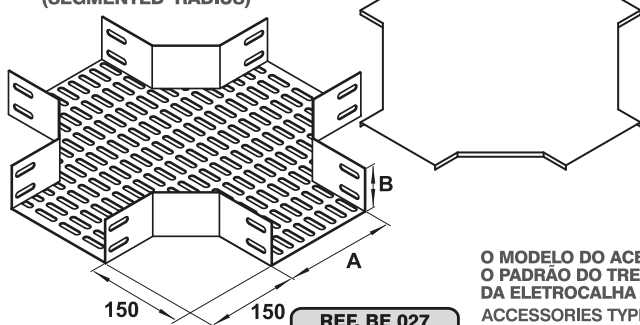
O MODELO DO ACESSÓRIO SEGUIR O PADRÃO DO TRECHO RETO DA ELETRICAL RACK

ACCESSORIES TYPE FOLLOWS THE CABLE TRAY SPECIFICATIONS

A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250

CRUZETA HORIZONTAL (RAIO SEGMENTADO)

HORIZONTAL CROSS (SEGMENTED RADIUS)



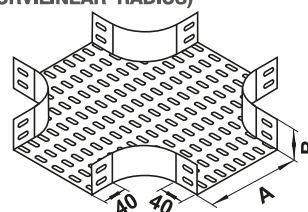
REF. T 529E

REF. BE 027

O MODELO DO ACESSÓRIO SEGUIR O PADRÃO DO TRECHO RETO DA ELETRICAL RACK
ACCESSORIES TYPE FOLLOWS THE CABLE TRAY SPECIFICATIONS

CRUZETA HORIZONTAL (RAIO CURVILÍNEO)

HORIZONTAL CROSS (CURVILINEAR RADIUS)



RAIO PADRÃO: SEGMENTADO
STANDARD RADIUS: SEGMENTED

REF. T 529E

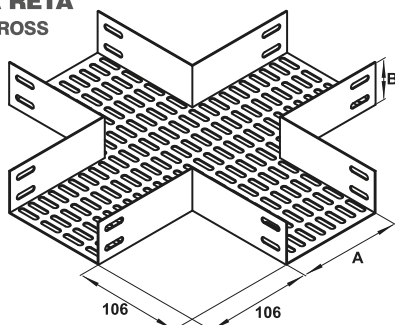
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TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

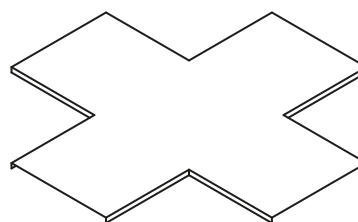
A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250

CRUZETA RETA

STRAIGHT CROSS



REF. BE 036



REF. T 528E

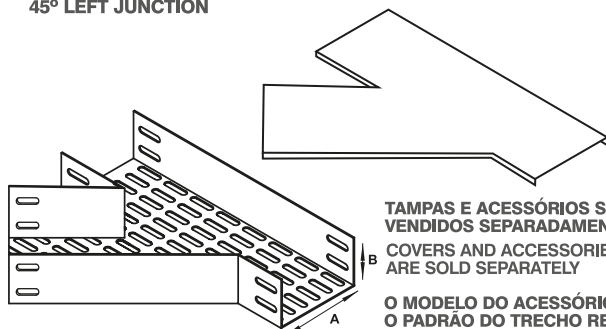
TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

O MODELO DO ACESSÓRIO SEGUIR O PADRÃO DO TRECHO RETO DA ELETRICAL RACK
ACCESSORIES TYPE FOLLOWS THE CABLE TRAY SPECIFICATIONS

A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250

JUNÇÃO ESQUERDA 45°

45° LEFT JUNCTION



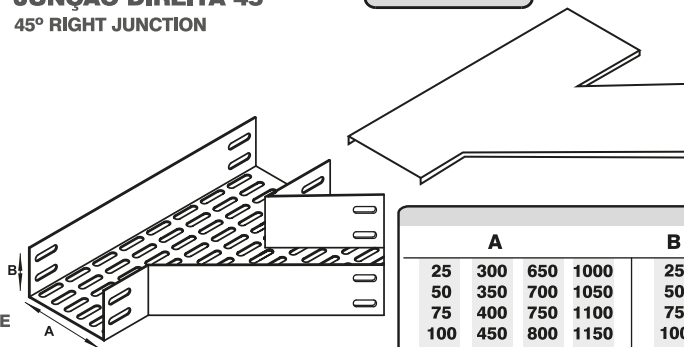
REF. BE 016

TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

O MODELO DO ACESSÓRIO SEGUIR O PADRÃO DO TRECHO RETO DA ELETRICAL RACK
ACCESSORIES TYPE FOLLOWS THE CABLE TRAY SPECIFICATIONS

JUNÇÃO DIREITA 45°

45° RIGHT JUNCTION



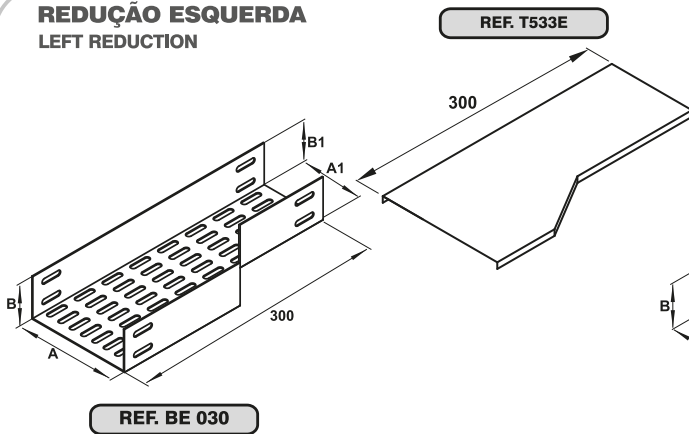
REF. BE 015

REF. T 530E

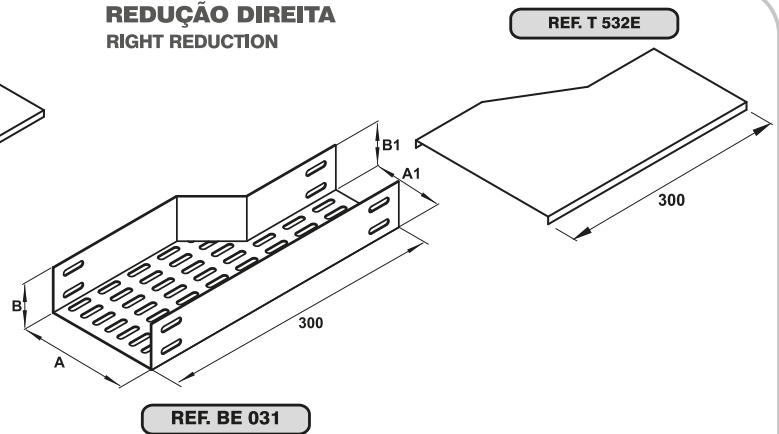
A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250



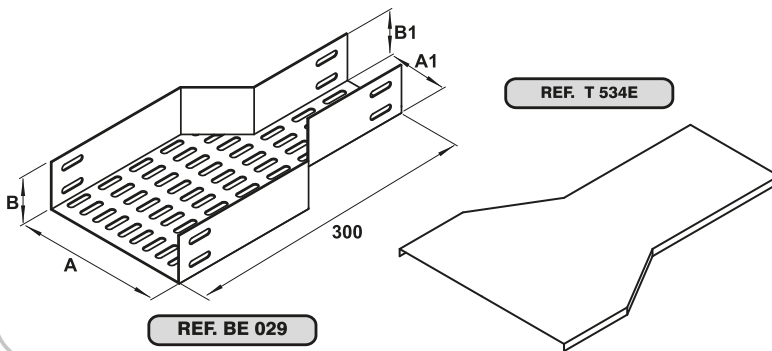
REDUÇÃO ESQUERDA LEFT REDUCTION



REDUÇÃO DIREITA RIGHT REDUCTION



REDUÇÃO CONCÊNTRICA CONCENTRIC REDUCTION

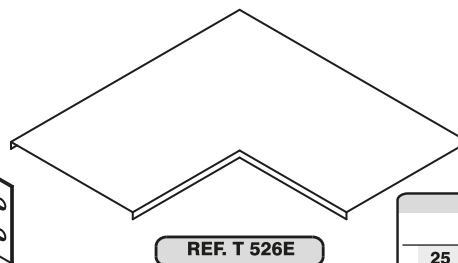
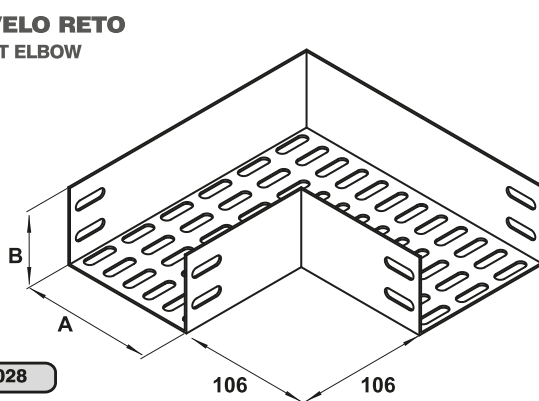


A / A1				B	B1
25	300	650	1000	25	25
50	350	700	1050	50	50
75	400	750	1100	75	75
100	450	800	1150	100	100
150	500	850	1200	150	150
200	550	900		200	200
250	600	950		250	250

TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

O MODELO DO ACESSÓRIO SEGUE O PADRÃO DO TRECHO RETO DA ELETROCALHA
ACCESSORIES TYPE FOLLOWS THE CABLE TRAY SPECIFICATIONS

COTOVELO RETO STRAIGHT ELBOW

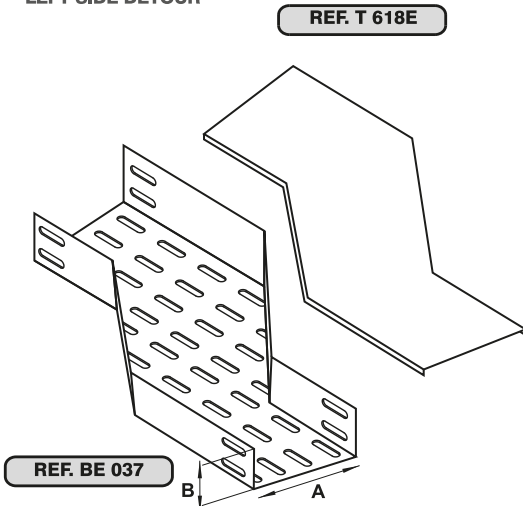


O MODELO DO ACESSÓRIO SEGUE O PADRÃO DO TRECHO RETO DA ELETROCALHA
ACCESSORIES TYPE FOLLOWS THE CABLE TRAY SPECIFICATIONS

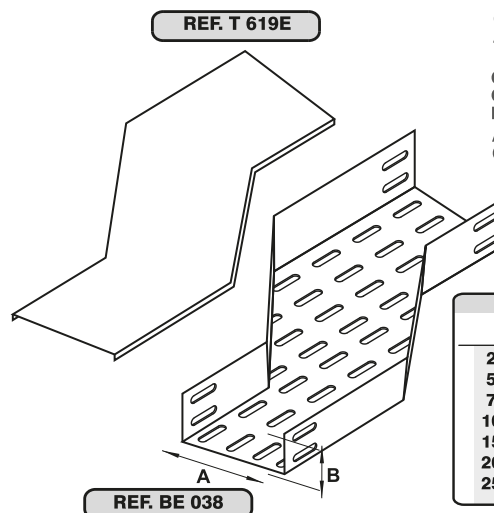
TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250

DESVIO À ESQUERDA LEFT SIDE DETOUR



DESVIO À DIREITA RIGHT SIDE DETOUR



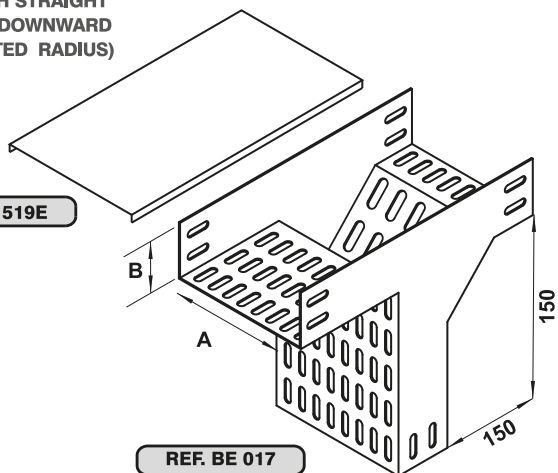
TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

O MODELO DO ACESSÓRIO SEGUE O PADRÃO DO TRECHO RETO DA ELETROCALHA
ACCESSORIES TYPE FOLLOWS THE CABLE TRAY SPECIFICATIONS

A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250

**CURVA COM PASSAGEM RETA
DESCIDA (RAIO SEGMENTADO)**

BEND WITH STRAIGHT
PASSAGE DOWNWARD
(SEGMENTED RADIUS)



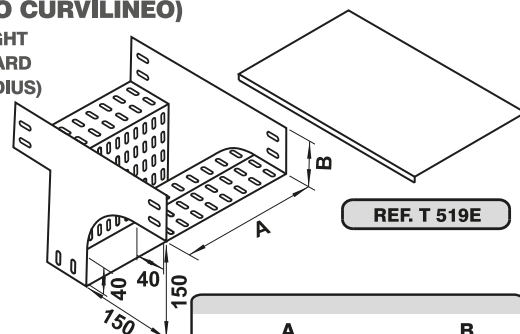
REF. T 519E

REF. BE 017

**CURVA COM PASSAGEM RETA
DESCIDA (RAIO CURVILÍNEO)**

BEND WITH STRAIGHT
PASSAGE DOWNWARD
(CURVILINEAR RADIUS)

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED



REF. T 519E

REF. BE 017

TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

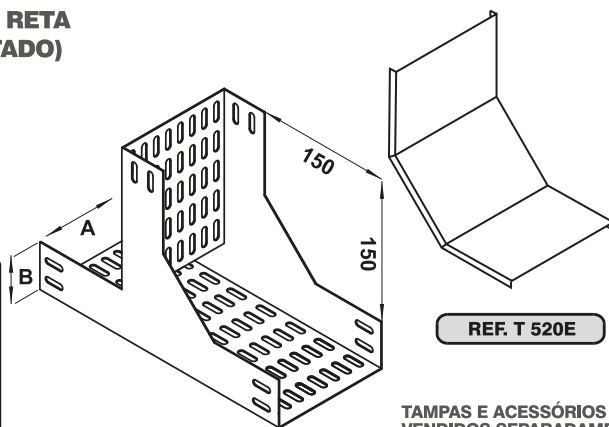
A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250

**CURVA COM PASSAGEM RETA
SUBIDA (RAIO SEGMENTADO)**

BEND WITH STRAIGHT
PASSAGE UPWARD
(SEGMENTED RADIUS)

O MODELO DO ACESSÓRIO SEGUE
O PADRÃO DO TRECHO RETO
DA ELETRICALHA
ACCESSORIES TYPE FOLLOWS THE
CABLE TRAY SPECIFICATIONS

A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250



REF. BE 018

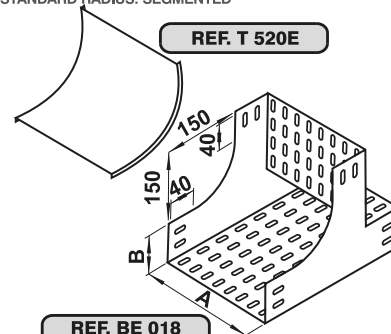
REF. T 520E

TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

**CURVA COM PASSAGEM RETA
SUBIDA (RAIO CURVILÍNEO)**

BEND WITH STRAIGHT PASSAGE UPWARD
(CURVILINEAR RADIUS)

RAIO PADRÃO: SEGMENTADO
STANDARD RADIUS: SEGMENTED

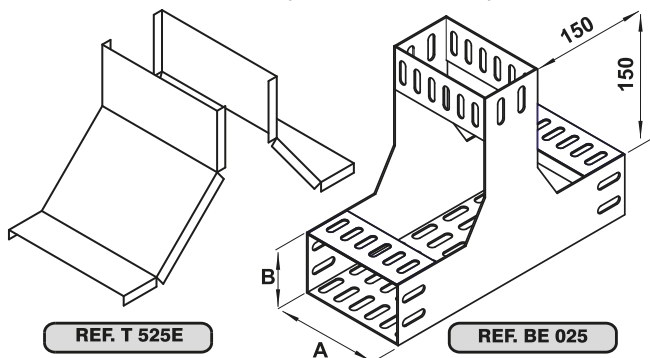


REF. T 520E

REF. BE 018

"TE" VERTICAL SUBIDA (RAIO SEGMENTADO)

UPWARD VERTICAL "TEE" (SEGMENTED RADIUS)



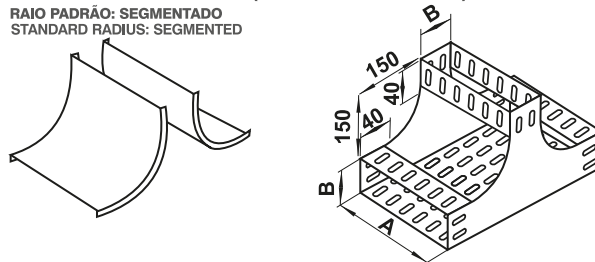
REF. T 525E

REF. BE 025

"TE" VERTICAL SUBIDA (RAIO CURVILÍNEO)

UPWARD VERTICAL "TEE" (CURVILINEAR RADIUS)

RAIO PADRÃO: SEGMENTADO
STANDARD RADIUS: SEGMENTED



REF. T 525E

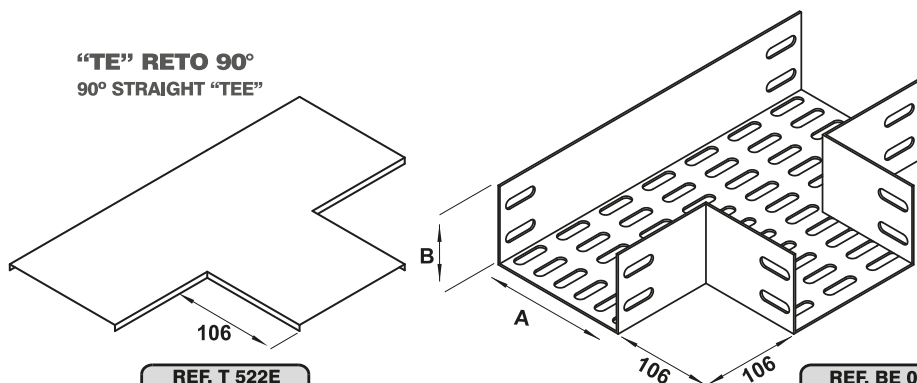
REF. BE 025

TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

O MODELO DO ACESSÓRIO SEGUE
O PADRÃO DO TRECHO RETO
DA ELETRICALHA
ACCESSORIES TYPE FOLLOWS THE
CABLE TRAY SPECIFICATIONS

"TE" RETO 90°

90° STRAIGHT "TEE"



REF. T 522E

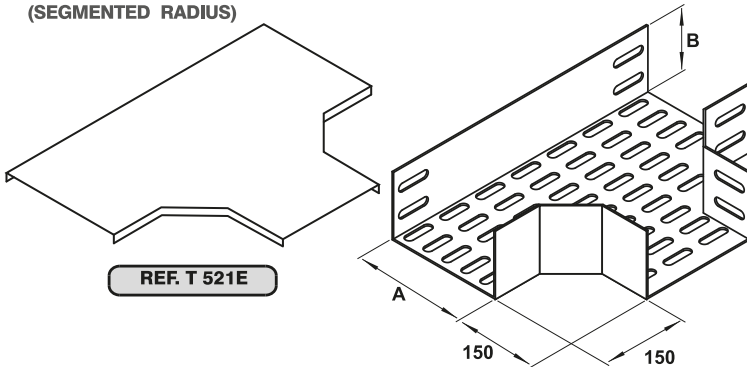
REF. BE 035

A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250



“TE” HORIZONTAL (RAIO SEGMENTADO)

HORIZONTAL “TEE”
(SEGMENTED RADIUS)



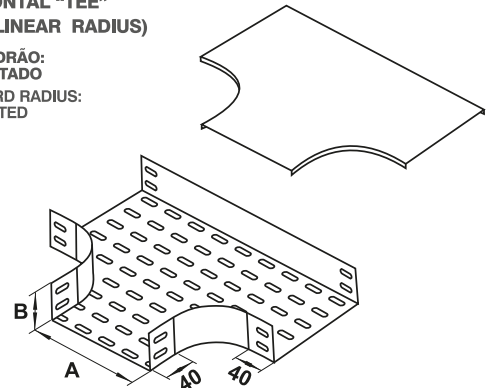
REF. T 521E

REF. BE 023

“TE” HORIZONTAL (RAIO CURVILÍNEO)

HORIZONTAL “TEE”
(CURVILINEAR RADIUS)

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED

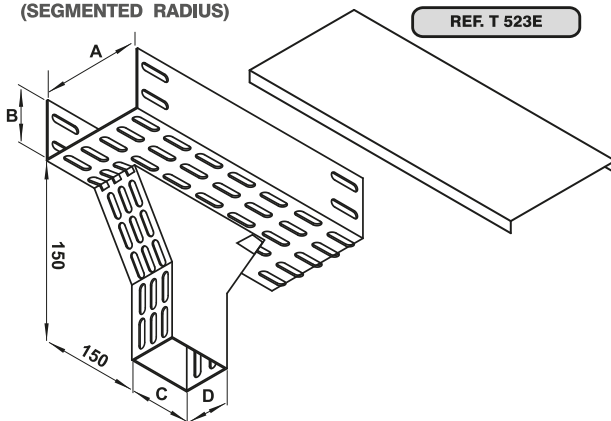


REF. T 521E

REF. BE 023

“TE” VERTICAL DESCIDA LATERAL (RAIO SEGMENTADO)

DOWNWARD VERTICAL SIDE “TEE”
(SEGMENTED RADIUS)



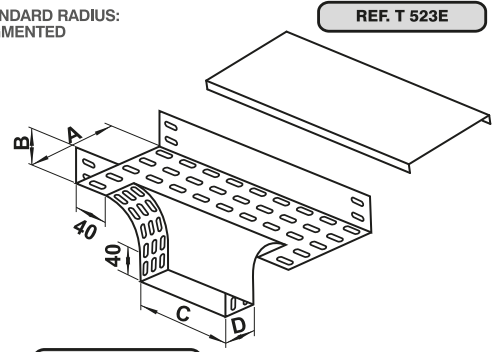
REF. T 523E

REF. BE 024

“TE” VERTICAL DESCIDA LATERAL (RAIO CURVILÍNEO)

DOWNWARD VERTICAL SIDE “TEE”
(CURVILINEAR RADIUS)

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED

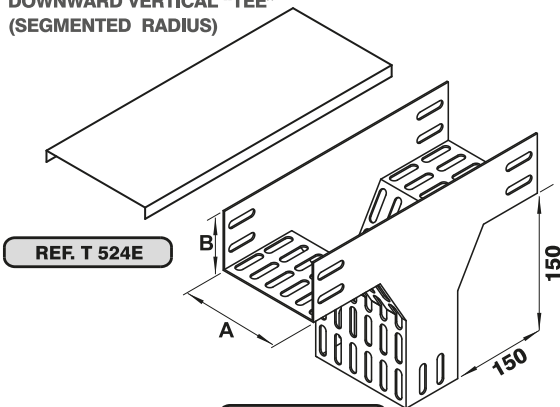


REF. T 523E

REF. BE 024

“TE” VERTICAL DESCIDA (RAIO SEGMENTADO)

DOWNWARD VERTICAL “TEE”
(SEGMENTED RADIUS)



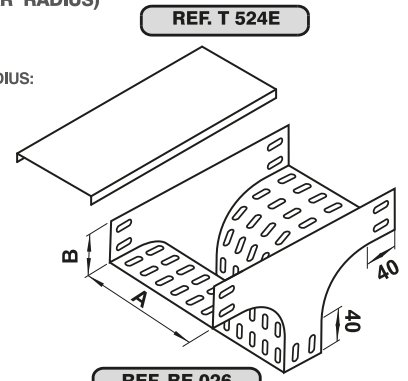
REF. T 524E

REF. BE 026

“TE” VERTICAL DESCIDA (RAIO CURVILÍNEO)

DOWNWARD VERTICAL “TEE”
(CURVILINEAR RADIUS)

RAIO PADRÃO:
SEGMENTADO
STANDARD RADIUS:
SEGMENTED



REF. T 524E

REF. BE 026

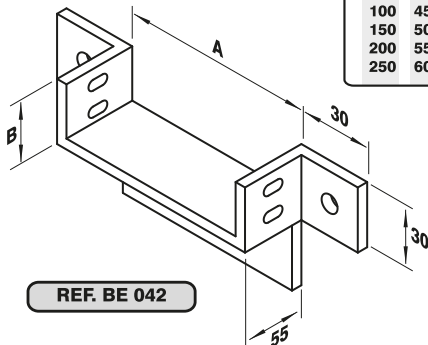
A		B	
25	300	650	1000
50	350	700	1050
75	400	750	1100
100	450	800	1150
150	500	850	1200
200	550	900	
250	600	950	

TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

O MODELO DO ACESSÓRIO SEGUE
O PADRÃO DO TRECHO RETO
DA ELETROCALHA
ACCESSORIES TYPE FOLLOWS THE
CABLE TRAY SPECIFICATIONS

FLANGE
FLANGE

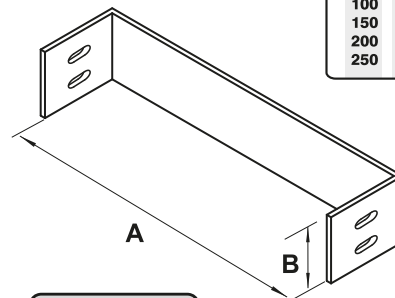
A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250



REF. BE 042

TERMINAL
BLIND END

A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250

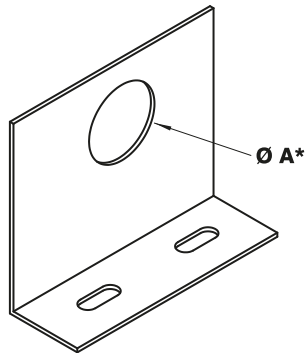


REF. BE 041

SAÍDA VERTICAL
PARA ELETRODUTO

VERTICAL CONDUIT
TAKE OFF BRACKET

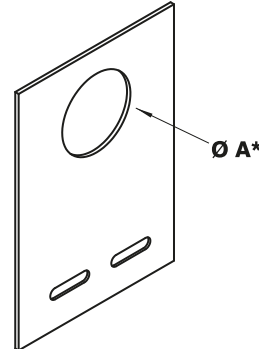
REF.	Ø
BL 102A	1/2"
BL 102B	3/4"
BL 102C	1"
BL 102D	1 1/4"
BL 102E	1 1/2"
BL 102F	2"
BL 102G	2 1/2"
BL 102H	3"
BL 102I	3 1/2"
BL 102J	4"



SAÍDA HORIZONTAL
PARA ELETRODUTO

HORIZONTAL CONDUIT
TAKE OFF BRACKET

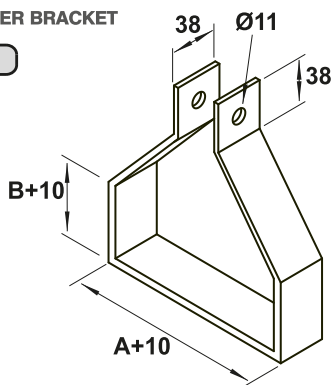
REF.	Ø
BL 101A	1/2"
BL 101B	3/4"
BL 101C	1"
BL 101D	1 1/4"
BL 101E	1 1/2"
BL 101F	2"
BL 101G	2 1/2"
BL 101H	3"
BL 101I	3 1/2"
BL 101J	4"



SUPORTE
BALANÇO VERTICAL

VERTICAL HANGER BRACKET

REF. BE 044

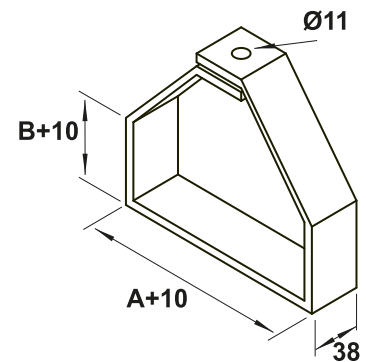


A				B
25	300	650	1000	25
50	350	700	1050	50
75	400	750	1100	75
100	450	800	1150	100
150	500	850	1200	150
200	550	900		200
250	600	950		250

SUPORTE
BALANÇO HORIZONTAL

HORIZONTAL HANGER BRACKET

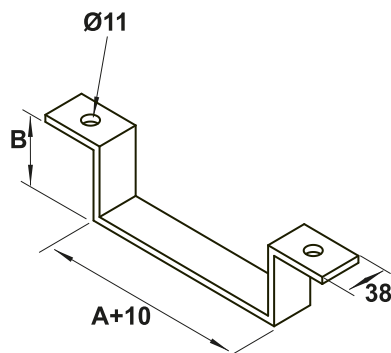
REF. BE 045



SUPORTE
DUPLO ÔMEGA

OMEGA ANGULAR BRACKET

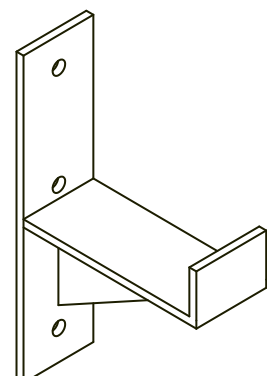
REF. BE 046



SUPORTE
REFORÇADO

REINFORCED ARM BRACKET

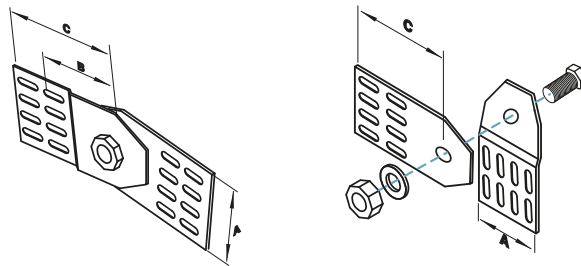
REF. BE 047





JUNÇÃO ARTICULADA PARA ELETROCALHA (CONJUNTO)
ARTICULATED JUNCTION FOR CABLE TRAY (SET)

REF. BE 132



1 CONJUNTO CONTÉM: 2 JUNÇÕES ARTICULADAS, 1 PARAFUSO SEXTAVADO 1/4X3/4, 1 PORÇA SEXTAVADA 1/4 E 1 ARRUELA 1/4

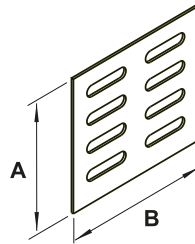
1 SET CONTAINS: 2 ARTICULATED JUNCTIONS, 1 HEXAGONAL BOLT 1/4X3/4, 1 HEXAGONAL NUT 1/4 AND 1 FLAT WASHER 1/4

TALA SPLICE PLATE

REF. BE 039

TABELA EM MILÍMETROS CHART IN MILLIMETERS

	A	B
Tala Simples 4 Furos Splice Plate 4 Holes	48	76
Tala Simples 8 Furos Splice Plate 8 Holes	98	76
Tala Simples 6 Furos Splice Plate 6 Holes	73	76
Tala Simples 8 Furos Splice Plate 8 Holes	98	152
Tala Simples 12 Furos Splice Plate 12 Holes	73	152
Tala Simples 16 Furos Splice Plate 16 Holes	98	152



RECOMENDAÇÃO PARA FIXAÇÃO:

PARAFUSO AUTOTRAVANTE 1/4x1/2
FLAT HEAD SCREW LOCK 1/4x1/2

REF. BF 084

PORÇA SEXTAVADA 1/4
HEXAGONAL NUT 1/4

REF. BF 020

ARRUELA LISA 1/4
FLAT WASHER 1/4

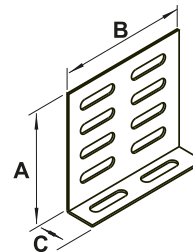
REF. BF 026

TALA L "L" SPLICE PLATE

REF. BE 039L

TABELA EM MILÍMETROS CHART IN MILLIMETERS

	A	B	C
Tala Simples 4 Furos Splice Plate 4 Holes	48	76	25
Tala Simples 8 Furos Splice Plate 8 Holes	98	76	25
Tala Simples 6 Furos Splice Plate 6 Holes	73	76	25
Tala Simples 8 Furos Splice Plate 8 Holes	48	152	25
Tala Simples 12 Furos Splice Plate 12 Holes	73	152	25
Tala Simples 16 Furos Splice Plate 16 Holes	98	152	25



RECOMENDAÇÃO PARA FIXAÇÃO:

PARAFUSO AUTOTRAVANTE 1/4x1/2
FLAT HEAD SCREW LOCK 1/4x1/2

REF. BF 084

PORÇA SEXTAVADA 1/4
HEXAGONAL NUT 1/4

REF. BF 020

ARRUELA LISA 1/4
FLAT WASHER 1/4

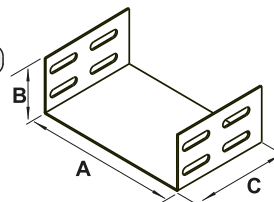
REF. BF 026

EMENDA INTERNA "U" INTERNAL JUNCTION "U"

REF. BE 040

*TAMBÉM DISPONÍVEL EM MEDIDAS MAIORES.
*ALSO AVAILABLE IN BIGGER SIZERS

	A	B	C
50 x 50	48	48	80
100 x 50	98	48	80
150 x 50	148	48	80



RECOMENDAÇÃO PARA FIXAÇÃO:

PARAFUSO AUTOTRAVANTE 1/4x1/2
FLAT HEAD SCREW LOCK 1/4x1/2

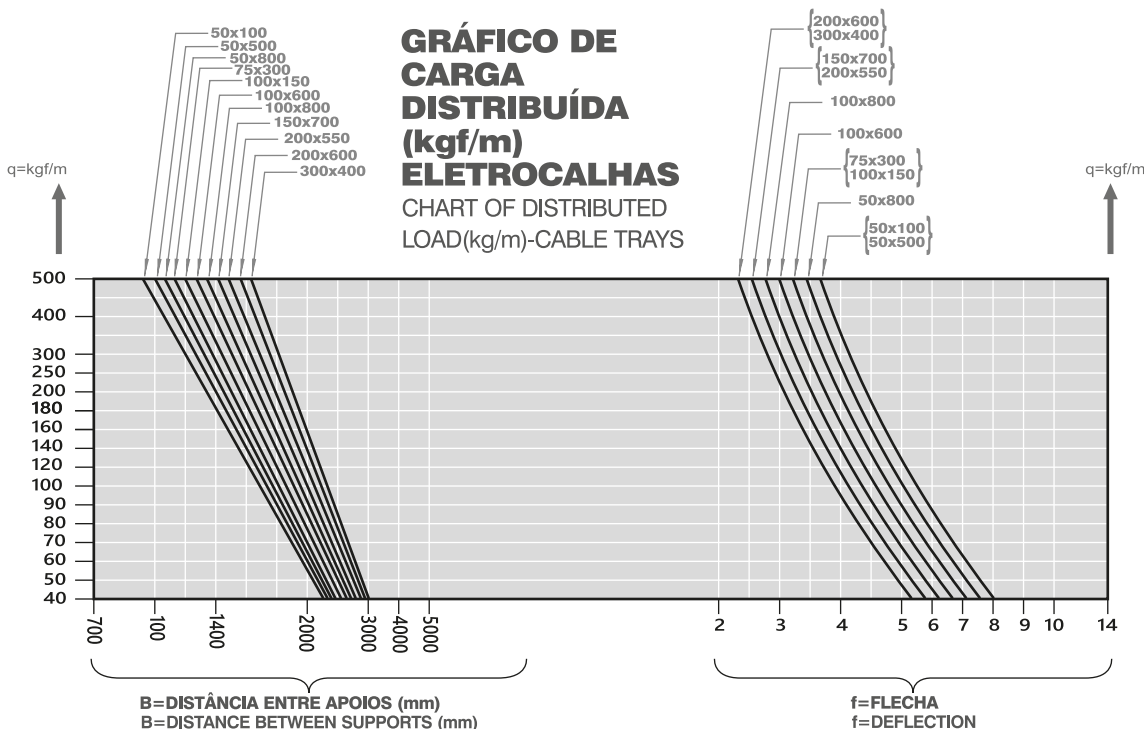
REF. BF 084

PORÇA SEXTAVADA 1/4
HEXAGONAL NUT 1/4

REF. BF 020

ARRUELA LISA 1/4
FLAT WASHER 1/4

REF. BF 026



ELETROCALHA ARAMADA SOB PISO ELEVADO

WIRED MESH CABLE TRAY UNDER RAISED FLOORING



TABELA DE DIMENSÕES PARA ELETROCALHAS ARAMADAS

CHART OF DIMENSIONS FOR WIRE MESH CABLE TRAYS

AS ELETROCALHAS ARAMADAS SÃO FABRICADAS EM AÇO INOX 304 OU 316L AÇO CARBONO, COM BITOLAS DE 5MM OU 6,35MM

THE WIRE MESH CABLE TRAYS ARE MANUFACTURED IN 304 STAINLESS STEEL OR 316L CARBON STEEL WITH SIZES OF 5MM OR 6.35 MM

REF	(A)BASE (A)BASE	(B)ALTURA (B)HEIGHT	COMPRIMENTO LENGTH
BM 001	50 mm	50 mm	3000 mm
BM 002	100 mm	50 mm	3000 mm
BM 003	100 mm	65 mm	3000 mm
BM 004	100 mm	100 mm	3000 mm
BM 005	150 mm	50 mm	3000 mm
BM 006	150 mm	65 mm	3000 mm
BM 007	150 mm	100 mm	3000 mm
BM 008	200 mm	50 mm	3000 mm
BM 009	200 mm	65 mm	3000 mm
BM 010	200 mm	100 mm	3000 mm
BM 011	300 mm	50 mm	3000 mm
BM 012	300 mm	65 mm	3000 mm
BM 013	300 mm	100 mm	3000 mm
BM 014	400 mm	50 mm	3000 mm
BM 015	400 mm	65 mm	3000 mm
BM 016	400 mm	100 mm	3000 mm
BM 017	500 mm	50 mm	3000 mm
BM 018	500 mm	65 mm	3000 mm
BM 019	500 mm	100 mm	3000 mm

ACABAMENTO:

AÇO INOX - ELETROPOLIDO OU NATURAL

AÇO CARBONO - GALVANIZADO A FOGO
GALVANIZADO ELETROLÍTICO
PINTADO EM EPOX ELETROSTÁTICO

FINISHING:

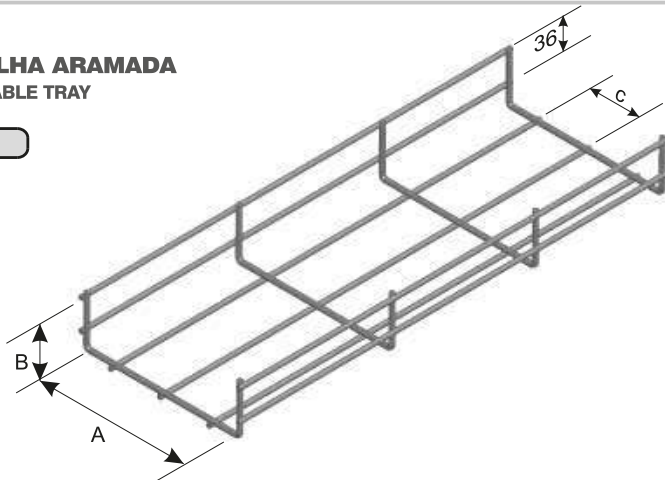
STAINLESS STEEL - ELECTROPOLISHED OR NATURAL

CARBON STEEL - HOT GALVANIZED
ELECTROLYTIC GALVANIZED
EPOXI PAINTING COATING



ELETROCALHA ARAMADA WIRE MESH CABLE TRAY

REF. BA 001



A		B	C	
			LARGURA	ESPAÇAMENTO
30	600	30	50	36
50	650	50	75	48
75	700	65	100	36
100	750	75	150	71
150	800	100	200	71
200	850	150	300	71
250	900		400	100
300	950		500	100
350	1000		600	100
400	1050		700	100
450	1100		800	100
500	1150		900	100
550	1200		1000	100

A			
30	300	650	1000
50	350	700	1050
75	400	750	1100
100	450	800	1150
150	500	850	1200
200	550	900	
250	600	950	

PRESILHA PARA TAMPA CLIP FOR FITTING COVER

REF. BA 104



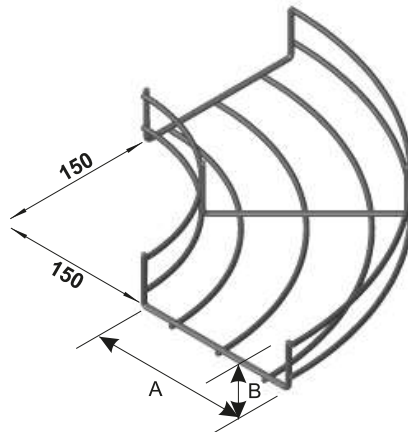
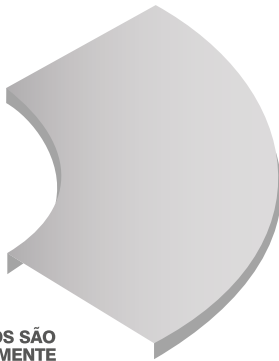
TAMPA DE ENCAIXE COM VINCOS FITTING COVER WITH SLITS

REF. BA 012

TAMPA DE PRESSÃO PRESSURE FITTING COVER

REF. BA 110

CURVA HORIZONTAL HORIZONTAL BEND

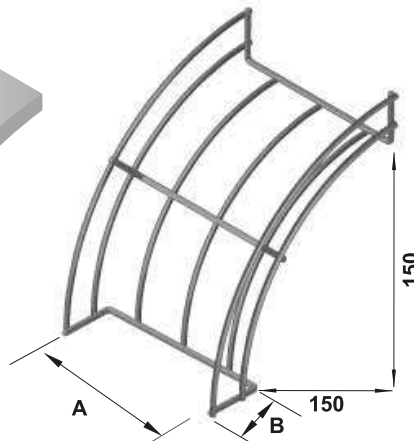
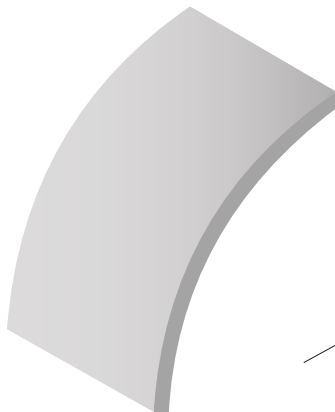


TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

CURVA		TAMPA	
BA 019	90°	T 515A	90°
BA 153	75°	T 540A	75°
BA 156	60°	T 539A	60°
BA 032	45°	T 538A	45°
BA 155	30°	T 537A	30°
BA 154	15°	T 536A	15°

A				B	
30	300	650	1000	30	
50	350	700	1050	50	
75	400	750	1100	65	
100	450	800	1150	75	
150	500	850	1200	100	
200	550	900		150	
250	600	950			

CURVA VERTICAL EXTERNA EXTERNAL VERTICAL BEND

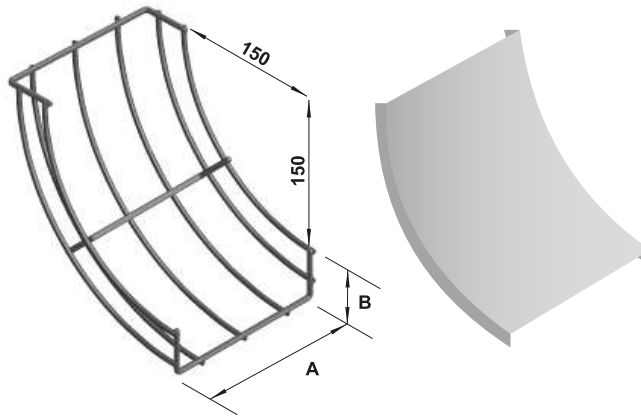


TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

CURVA		TAMPA	
BA 021	90°	T 516A	90°
BA 165	75°	T 545A	75°
BA 164	60°	T 544A	60°
BA 034	45°	T 543A	45°
BA 163	30°	T 542A	30°
BA 162	15°	T 541A	15°

A				B	
30	300	650	1000	30	
50	350	700	1050	50	
75	400	750	1100	65	
100	450	800	1150	75	
150	500	850	1200	100	
200	550	900		150	
250	600	950			

CURVA VERTICAL INTERNA
INTERNAL VERTICAL BEND



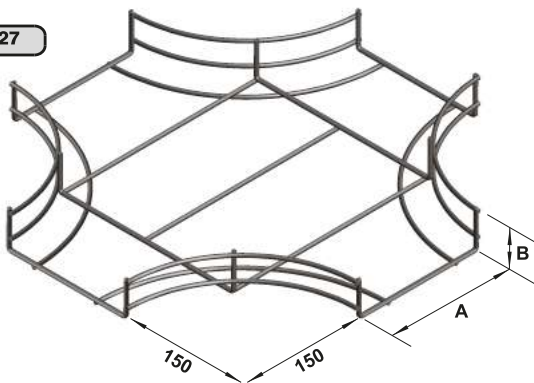
TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

CURVA		TAMPA	
BA 020	90°	T 517A	90°
BA 161	75°	T 550A	75°
BA 159	60°	T 549A	60°
BA 033	45°	T 548A	45°
BA 158	30°	T 547A	30°
BA 157	15°	T 546A	15°

A				B
30	300	650	1000	30
50	350	700	1050	50
75	400	750	1100	65
100	450	800	1150	75
150	500	850	1200	100
200	550	900		150
250	600	950		

CRUZETA HORIZONTAL
HORIZONTAL CROSS

REF. BA 027



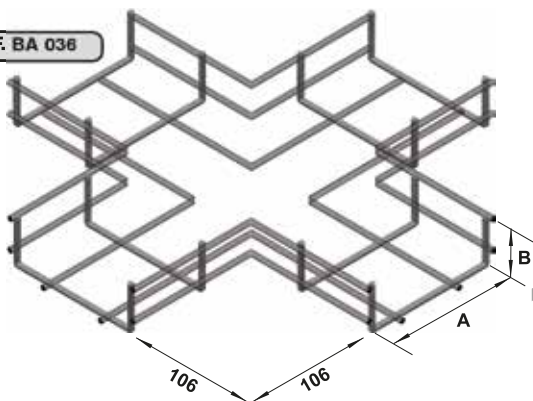
REF. T 529A



A				B
30	300	650	1000	30
50	350	700	1050	50
75	400	750	1100	65
100	450	800	1150	75
150	500	850	1200	100
200	550	900		150
250	600	950		

CRUZETA RETA
STRAIGHT CROSS

REF. BA 036

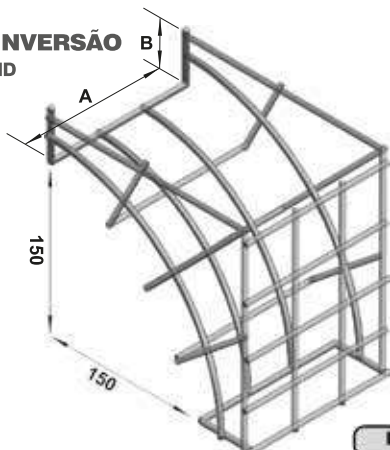


REF. T 528A



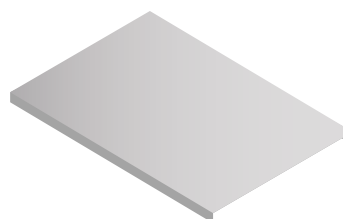
TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

CURVA DE INVERSÃO
INVERSION BEND



REF. BA 022

REF. T 518A

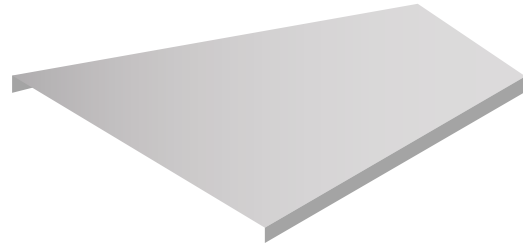
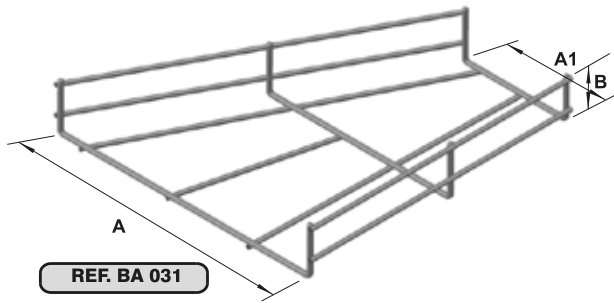


TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

A				B
30	300	650	1000	30
50	350	700	1050	50
75	400	750	1100	65
100	450	800	1150	75
150	500	850	1200	100
200	550	900		150
250	600	950		

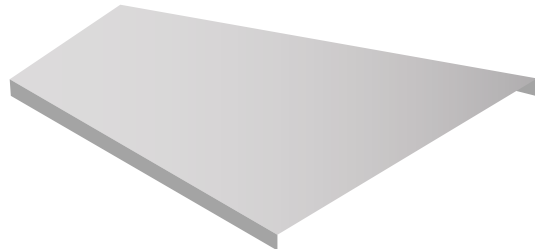
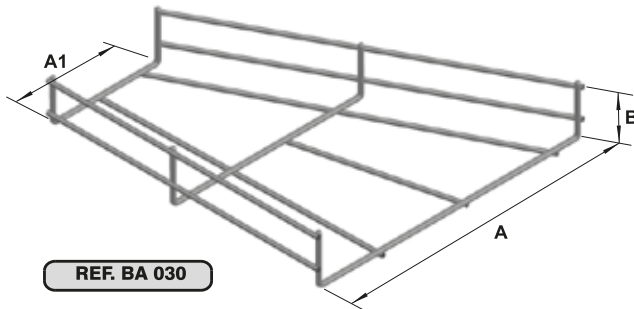


REDUÇÃO DIREITA RIGHT REDUCTION



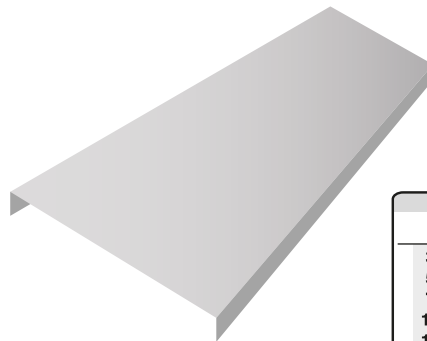
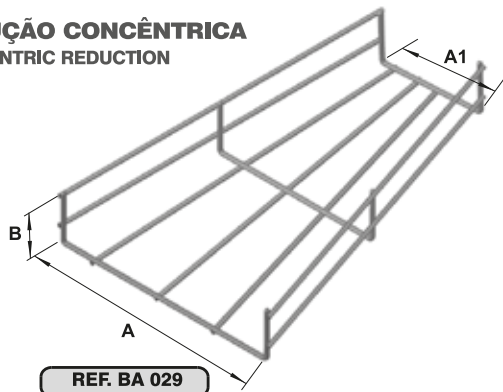
REF. T 532A

REDUÇÃO ESQUERDA LEFT REDUCTION



REF. T 533A

REDUÇÃO CONCÊNTRICA CONCENTRIC REDUCTION



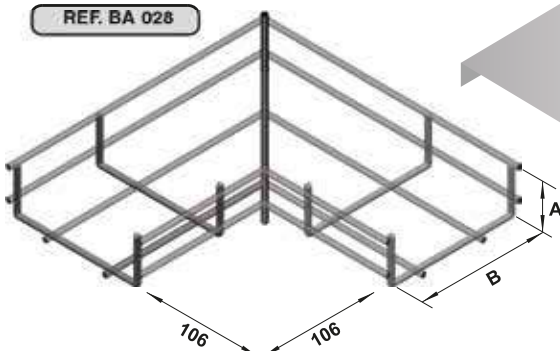
REF. T 534A

TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

A / A1				B
30	300	650	1000	30
50	350	700	1050	50
75	400	750	1100	65
100	450	800	1150	75
150	500	850	1200	100
200	550	900		150
250	600	950		

COTOVELO RETO STRAIGHT ELBOW

REF. BA 028

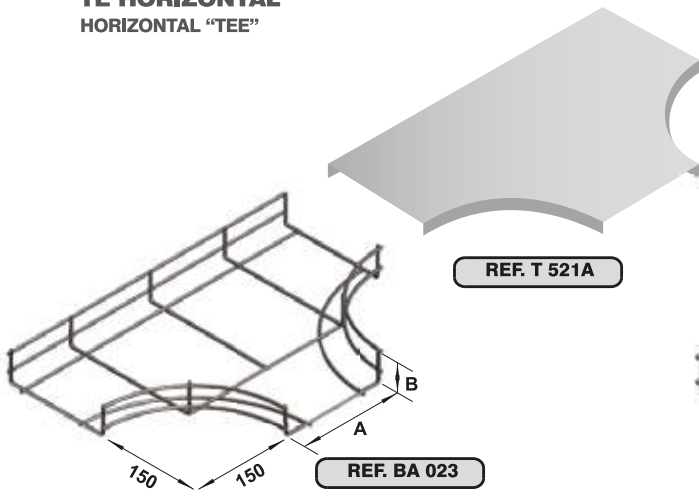


REF. T 526A

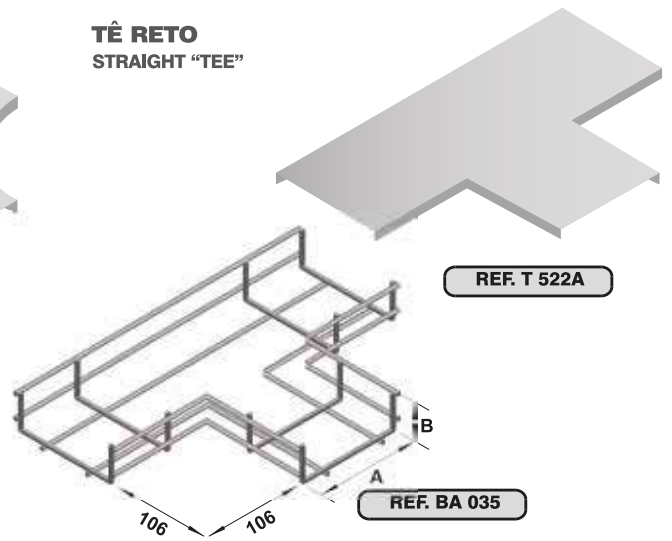
TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

A				B
30	300	650	1000	30
50	350	700	1050	50
75	400	750	1100	65
100	450	800	1150	75
150	500	850	1200	100
200	550	900		150
250	600	950		

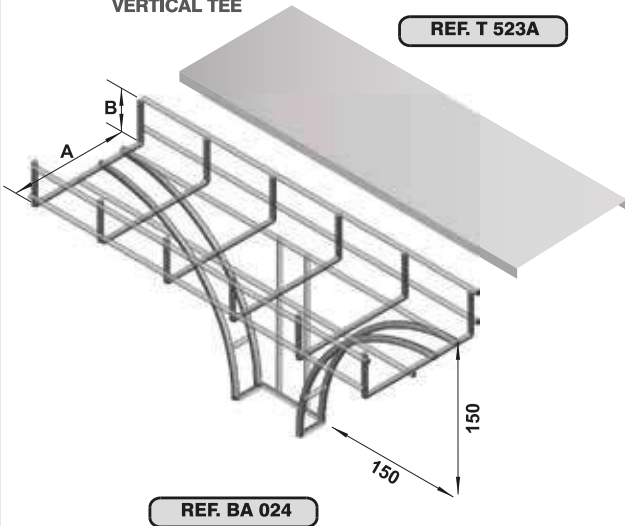
TÊ HORIZONTAL
HORIZONTAL "TEE"



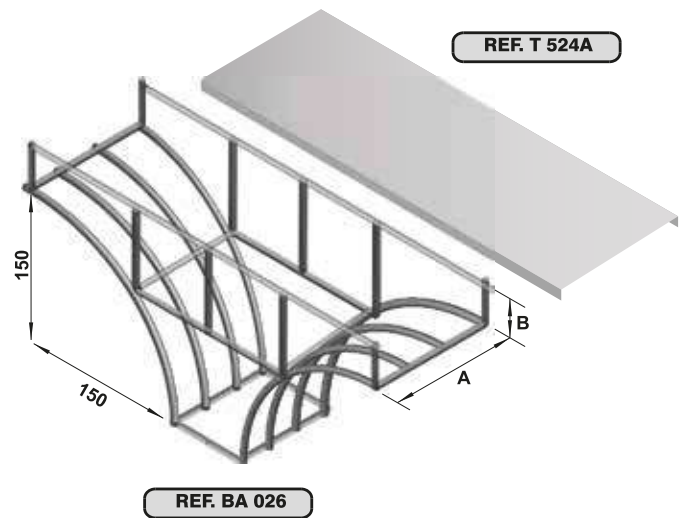
TÊ RETO
STRAIGHT "TEE"



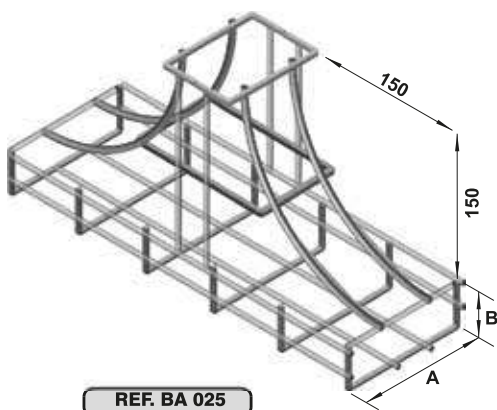
TÊ VERTICAL
DESCIDA LATERAL
DOWNWARD SIDE
VERTICAL TEE



TÊ VERTICAL
DE DESCIDA
DOWNWARD
VERTICAL TEE



TÊ VERTICAL
DE SUBIDA
UPWARD VERTICAL TEE

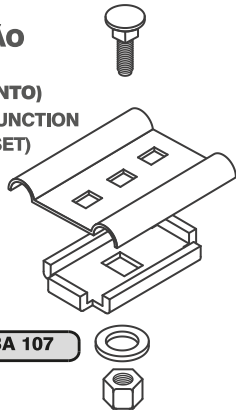


TAMPAS E ACESSÓRIOS SÃO
VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES
ARE SOLD SEPARATELY

A				B
30	300	650	1000	30
50	350	700	1050	50
75	400	750	1100	65
100	450	800	1150	75
150	500	850	1200	100
200	550	900		150
250	600	950		

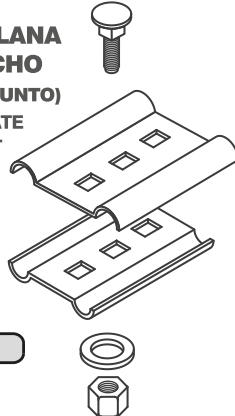


JUNÇÃO MISTA (CONJUNTO) MIXED JUNCTION PLATE (SET)



REF. BA 107

JUNÇÃO PLANA PARA TRECHO RETO (CONJUNTO) JUNCTION PLATE FOR STRAIGHT SECTION (SET)



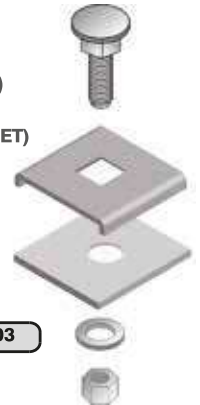
REF. BA 040

JUNÇÃO PARA ACESSÓRIOS (CONJUNTO) ACCESSORIES JUNCTION (SET)



REF. BA 120

JUNÇÃO TIPO U (CONJUNTO) U TYPE JUNCTION (SET)



REF. BA 103

TODAS AS JUNÇÕES ESTÃO INCLUSAS COM 1 PARAFUSO FRANCÉS 1/4X3/4", 1 PORÇA SEXTAVADA 1/4" E 1 ARRUELA LISA 1/4"

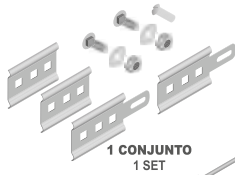
ALL THE JUNCTIONS PLATES COME IN SETS CONTAINING: 1 ROUND HEAD SQUARE NECK SCREW 1/4X3/4", 1 HEXAGONAL NUT 1/4" AND 1 FLAT WASHER 1/4"

JUNÇÃO ARTICULADA (CONJUNTO) ARTICULATED JUNCTION (SET)

REF. BA 088

1 CONJUNTO CONTÉM: 2 JUNÇÕES ARTICULADAS, 2 JUNÇÕES PLANAS PARA TRECHO RETO, 4 PARAFUSOS FRANCÉS 1/4X3/4", 1 PARAFUSO CABEÇA REDONDA FENDA 1/4X5/8", 4 PORCAS SEXTAVADAS 1/4" E 4 ARRUELAS LISAS 1/4"

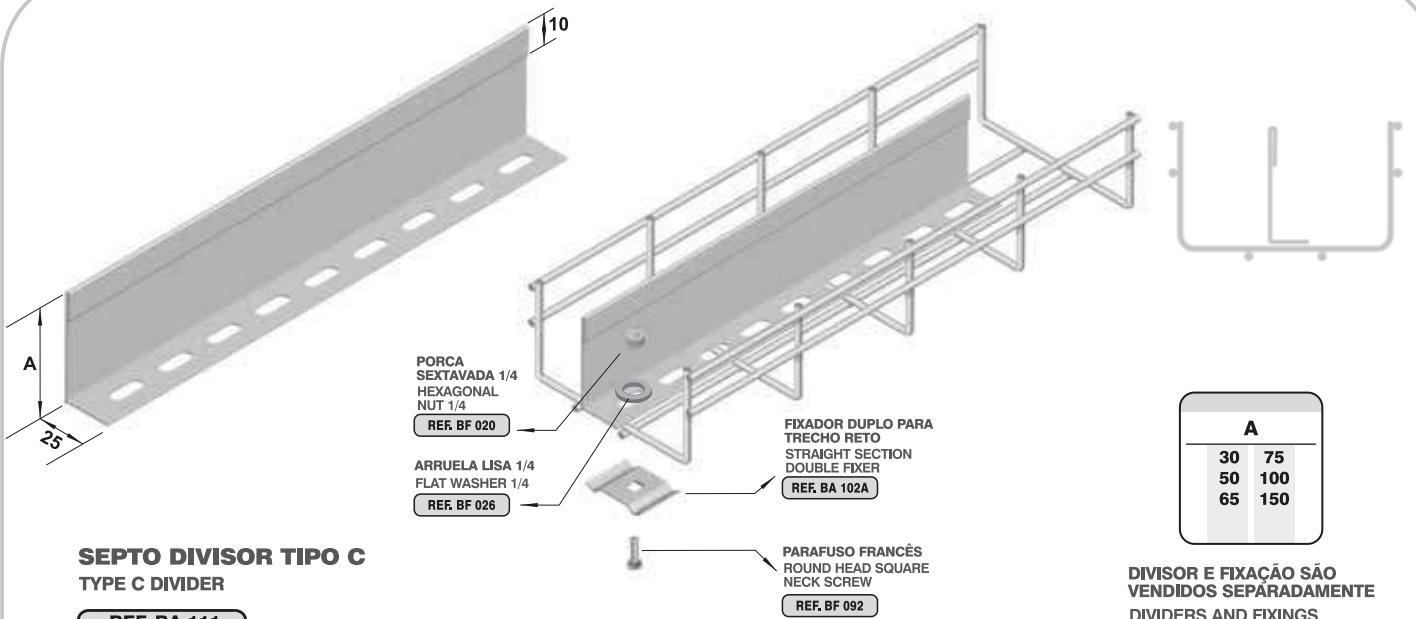
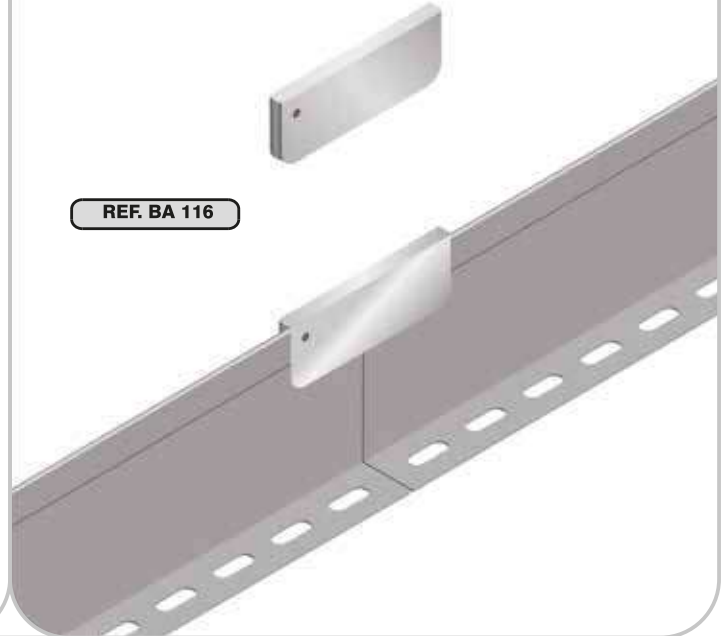
1 SET CONTAINS: 2 ARTICULATED JUNCTIONS, 2 JUNCTIONS PLATE FOR STRAIGHT SECTION, 4 ROUND HEAD SQUARE NECK SCREWS 1/4X3/4", 1 ROUND HEAD SLOTTED SCREW 1/4X5/8", 4 HEXAGONAL NUTS AND 4 FLAT WASHERS 1/4"



1 CONJUNTO
1 SET

UNIÃO PARA DIVISOR JUNCTION FOR DIVIDER

REF. BA 116



SEPTO DIVISOR TIPO C TYPE C DIVIDER

REF. BA 111

PORÇA SEXTAVADA 1/4
HEXAGONAL NUT 1/4
REF. BF 020

ARRUELA LISA 1/4
FLAT WASHER 1/4
REF. BF 026

FIXADOR DUPLO PARA
TRECHO RETO
STRAIGHT SECTION
DOUBLE FIXER
REF. BA 102A

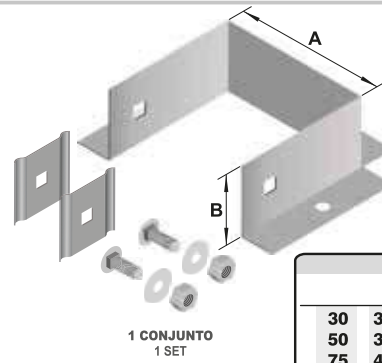
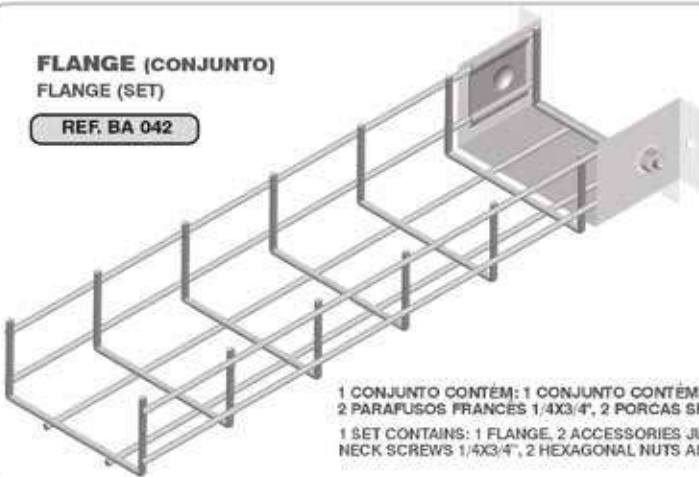
PARAFUSO FRANCÉS
ROUND HEAD SQUARE
NECK SCREW
REF. BF 092

A	
30	75
50	100
65	150

DIVISOR E FIXAÇÃO SÃO VENDIDOS SEPARADAMENTE
DIVIDERS AND FIXINGS ARE SOLD SEPARATELY

FLANGE (CONJUNTO)
FLANGE (SET)

REF. BA 042



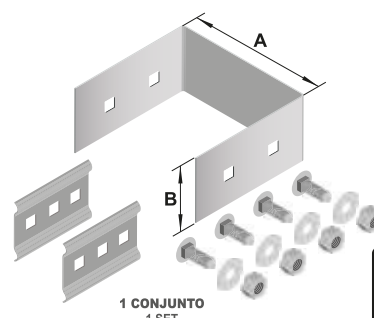
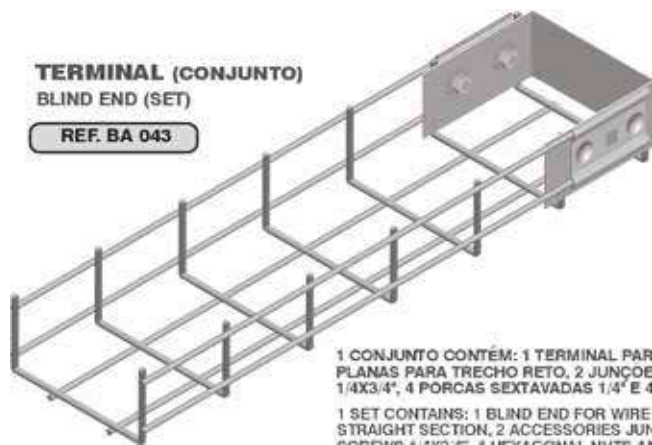
1 CONJUNTO
1 SET

1 CONJUNTO CONTEM: 1 CONJUNTO CONTEM: 1 FLANGE, 2 UNIÕES PARA ACESSÓRIOS, 2 PARAFUSOS FRANCÊS 1/4X3/4", 2 PORCAS SEXTAVADAS 1/4" E 2 ARRUELAS LISAS 1/4"
1 SET CONTAINS: 1 FLANGE, 2 ACCESSORIES JUNCTION, 2 ROUND HEAD SQUARE NECK SCREWS 1/4X3/4", 2 HEXAGONAL NUTS AND 2 FLAT WASHERS 1/4X3/4"

A				B	
30	300	650	1000	30	
50	350	700	1050	50	
75	400	750	1100	65	
100	450	800	1150	75	
150	500	850	1200	100	
200	550	900		150	
250	600	950			

TERMINAL (CONJUNTO)
BLIND END (SET)

REF. BA 043



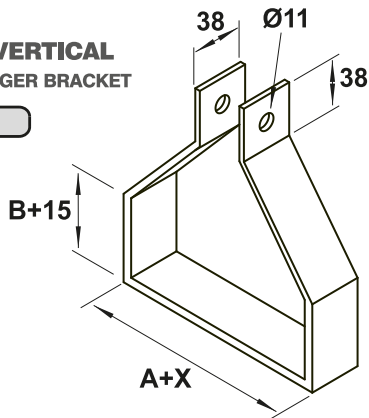
1 CONJUNTO
1 SET

1 CONJUNTO CONTEM: 1 TERMINAL PARA ELETROCALHA ARAMADA, 2 JUNÇÕES PLANAS PARA TRECHO RETO, 2 JUNÇÕES PARA ACESSÓRIOS, 4 PARAFUSOS FRANCÊS 1/4X3/4", 4 PORCAS SEXTAVADAS 1/4" E 4 ARRUELAS LISAS 1/4"
1 SET CONTAINS: 1 BLIND END FOR WIRE MESH CABLE TRAY, 2 JUNCTIONS PLATE FOR STRAIGHT SECTION, 2 ACCESSORIES JUNCTIONS, 4 ROUND HEAD SQUARE NECK SCREWS 1/4X3/4", 4 HEXAGONAL NUTS AND 4 FLAT WASHERS 1/4X3/4"

A				B	
30	300	650	1000	30	
50	350	700	1050	50	
75	400	750	1100	65	
100	450	800	1150	75	
150	500	850	1200	100	
200	550	900		150	
250	600	950			

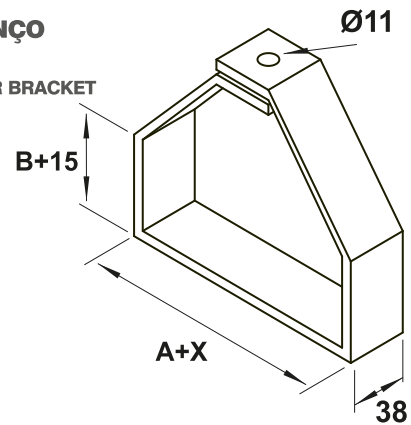
SUPORTE BALANÇO VERTICAL
VERTICAL HANGER BRACKET

REF. BA 044



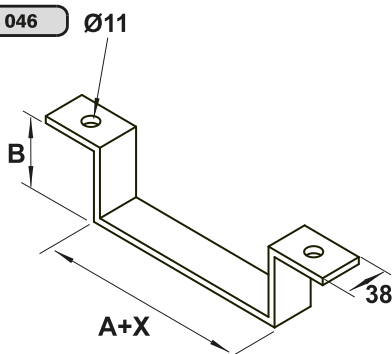
SUPORTE BALANÇO HORIZONTAL
HORIZONTAL HANGER BRACKET

REF. BA 045



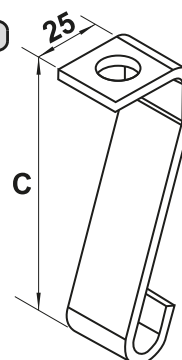
SUPORTE ANGULAR TIPO ÔMEGA
OMEGA ANGULAR BRACKET

REF. BA 046



GANCHO DE SUSPENSÃO
SUSPENSION HOOK

REF. BA 145

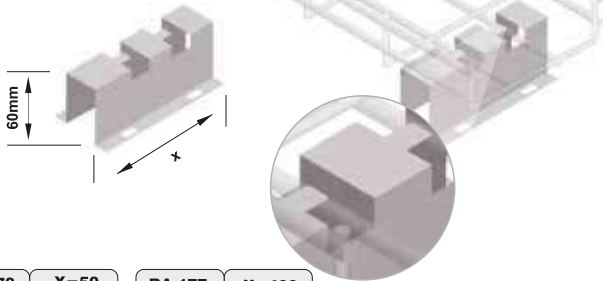


ACRÉSCIMO DO ARAME EM (MM)	
WIRE INCREASE IN (MM)	
ARAME	LARGURA (X)
WIRE	WIDTH (X)
3/16	25
1/4	28

A				B		C
30	300	650	1000	30	50	
50	350	700	1050	50	75	
75	400	750	1100	65	100	
100	450	800	1150	75		
150	500	850	1200	100		
200	550	900		150		
250	600	950				

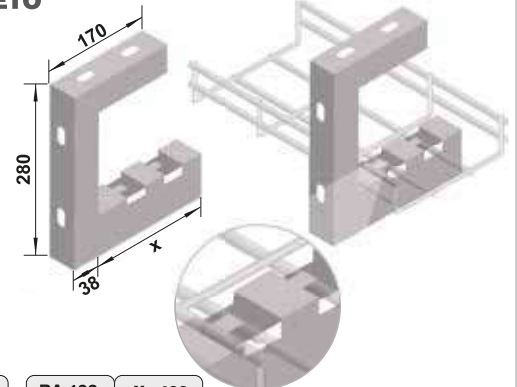


SUPOORTE PARA PISO E PAREDE WALL AND FLOOR SUPPORT



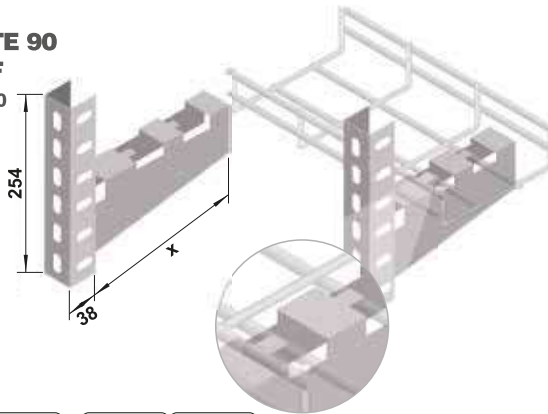
BA 170	X=50	BA 177	X=400
BA 171	X=75	BA 178	X=500
BA 172	X=100	BA 179	X=600
BA 173	X=150	BA 180	X=700
BA 174	X=200	BA 181	X=800
BA 175	X=250	BA 182	X=900
BA 176	X=300	BA 183	X=1000

SUPOORTE TETO PAREDE ROOF AND WALL SUPPORT



BA 185	X=50	BA 192	X=400
BA 186	X=75	BA 193	X=500
BA 187	X=100	BA 194	X=600
BA 188	X=150	BA 195	X=700
BA 189	X=200	BA 196	X=800
BA 190	X=250	BA 197	X=900
BA 191	X=300	BA 198	X=1000

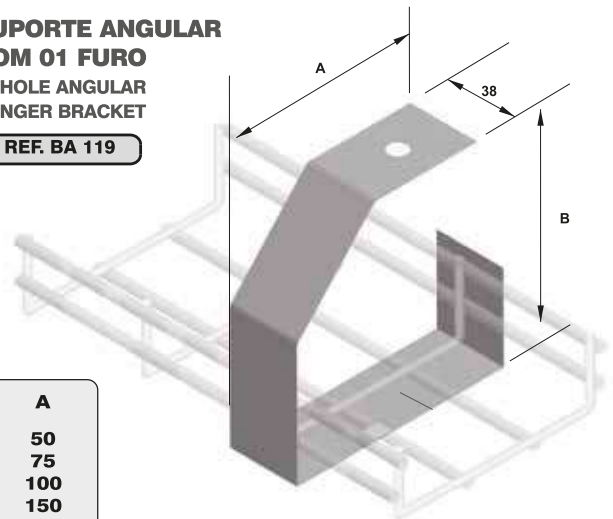
SUPOORTE 90 TIPO MF TYPE MF 90 BRACKET



BA 200	X=50	BA 207	X=400
BA 201	X=75	BA 208	X=500
BA 202	X=100	BA 209	X=600
BA 203	X=150	BA 210	X=700
BA 204	X=200	BA 211	X=800
BA 205	X=250	BA 212	X=900
BA 206	X=300	BA 213	X=1000

SUPOORTE ANGULAR COM 01 FURO 01 HOLE ANGULAR HANGER BRACKET

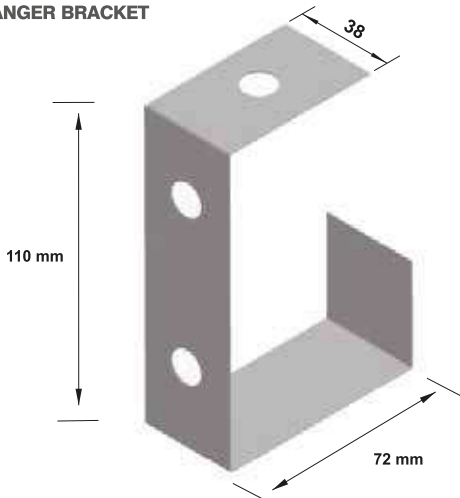
REF. BA 119



A
50
75
100
150
200

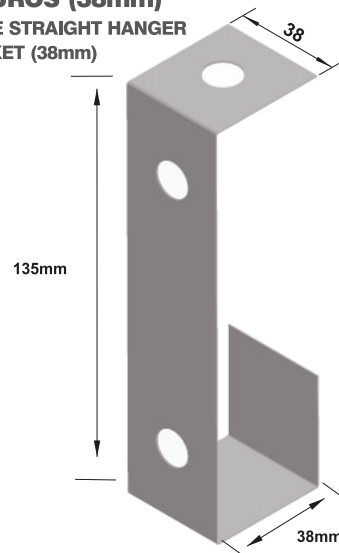
SUPOORTE RETO COM 03 FUROS 3 HOLE STRAIGHT HANGER BRACKET

REF. BA 122



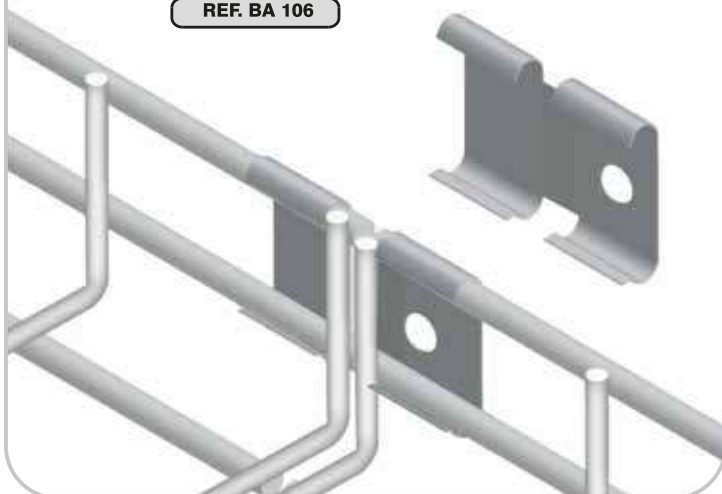
SUPOORTE RETO COM 03 FUROS (38mm) 3 HOLE STRAIGHT HANGER BRACKET (38mm)

REF. BA 123



EMENDA DE PRESSÃO
PRESSURE CLIP JUNCTION

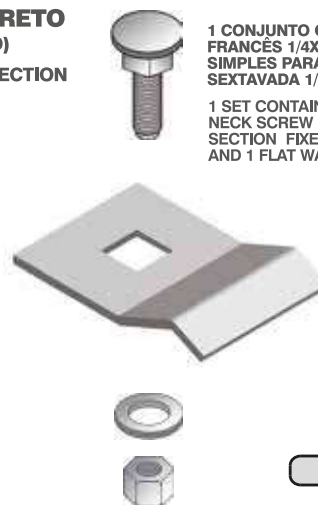
REF. BA 106



FIXADOR PARA TRECHO RETO (CONJUNTO)
STRAIGHT SECTION FIXER (SET)

1 CONJUNTO CONTÉM: 1 PARAFUSO FRANCÊS 1/4X3/4", 1 FIXADOR SIMPLES PARA TRECHO RETO, 1 PORCA SEXTAVADA 1/4" E 1 ARRUELA LISA 1/4"

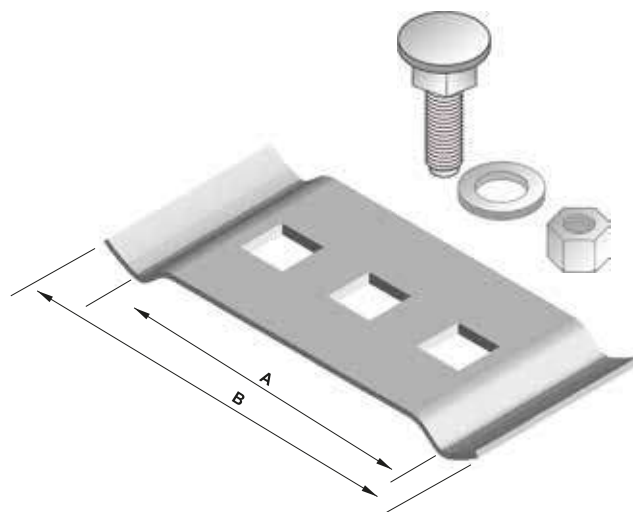
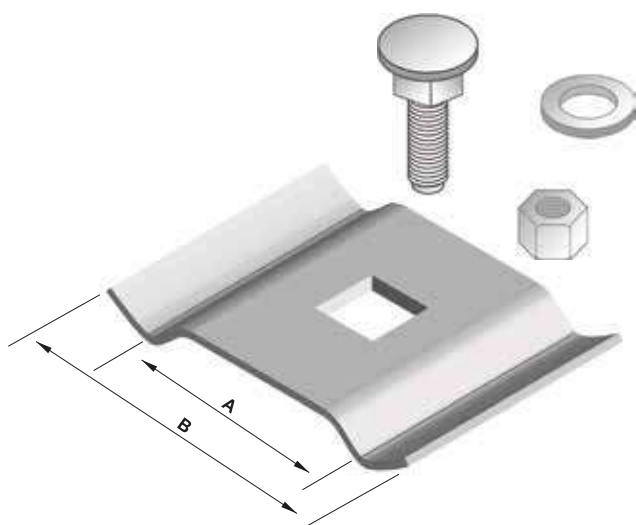
1 SET CONTAINS: 1 ROUND HEAD SQUARE NECK SCREW 1/4X3/4", 1 STRAIGHT SECTION FIXER, 1 HEXAGONAL NUT AND 1 FLAT WASHER 1/4"X3/4



REF. BA 100

FIXADOR DUPLO PARA TRECHO RETO (CONJUNTO)
STRAIGHT SECTION DOUBLE FIXER (SET)

REF. BA 102



1 CONJUNTO CONTÉM: 1 FIXADOR DUPLO, 1 PARAFUSO FRANCÊS 1/4X3/4", 1 PORCA SEXTAVADA 1/4" E 1 ARRUELA LISA 1/4"

1 SET CONTAINS: 1 STRAIGHT SECTION DOUBLE FIXER, 1 ROUND HEAD SQUARE NECK SCREWS 1/4X3/4", 1 HEXAGONAL NUTS AND 1 FLAT WASHERS 1/4"X3/4

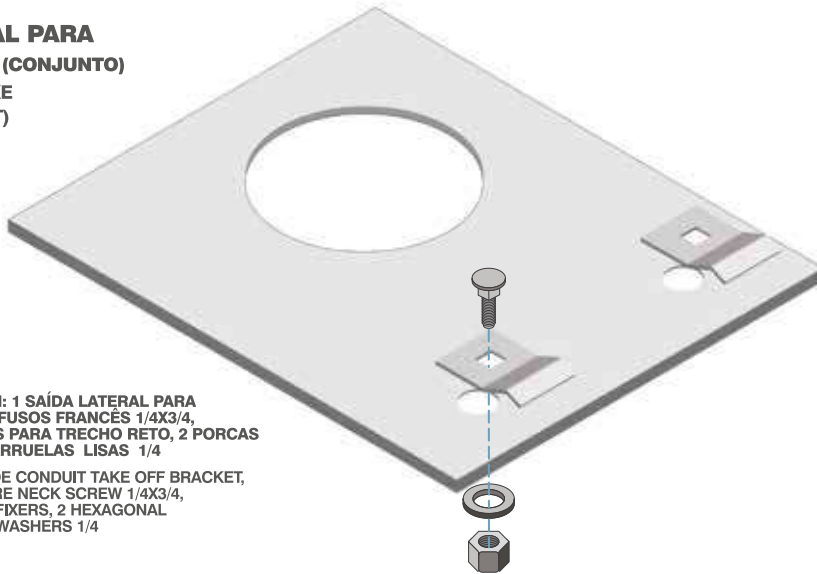
FIXADOR DUPLO
DOUBLE FIXER

ELETROCALHA
CABLE TRAY

	A(mm)	B(mm)	Furos Holes	LARG(mm) WIDTH (mm)
BA 102A	36	50	1	50
	36	50	1	100
BA 102B	48	62	1	75
	71	85	3	150
BA 102C	71	85	3	200
	71	85	3	300
	100	115	3	400
BA 102D	100	115	3	500
	100	115	3	600
	100	115	3	700
	100	115	3	800
	100	115	3	900
	100	115	3	1000



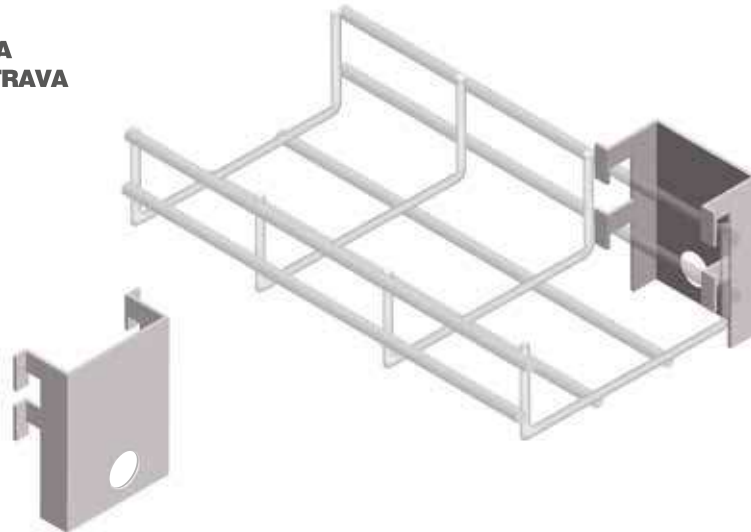
SAÍDA LATERAL PARA ELETRODUTO (CONJUNTO) SIDE CONDUIT TAKE OFF BRACKET (SET)



1 CONJUNTO CONTÉM: 1 SAÍDA LATERAL PARA ELETRODUTO, 2 PARAFUSOS FRANCÊS 1/4X3/4, 2 FIXADORES SIMPLES PARA TRECHO RETO, 2 PORCAS SEXTAVADAS 1/4 E 2 ARRUELAS LISAS 1/4
1 SET CONTAINS: 1 SIDE CONDUIT TAKE OFF BRACKET, 2 ROUND HEAD SQUARE NECK SCREW 1/4X3/4, 2 STRAIGHT SECTION FIXERS, 2 HEXAGONAL NUTS 1/4, AND 2 FLAT WASHERS 1/4

REF.	Ø NOM
BA 105A	1/2"
BA 105B	3/4"
BA 105C	1"
BA 105D	1 1/4"
BA 105E	1 1/2"
BA 105F	2"
BA 105G	2 1/2"
BA 105H	3"
BA 105I	3 1/2"
BA 105J	4"

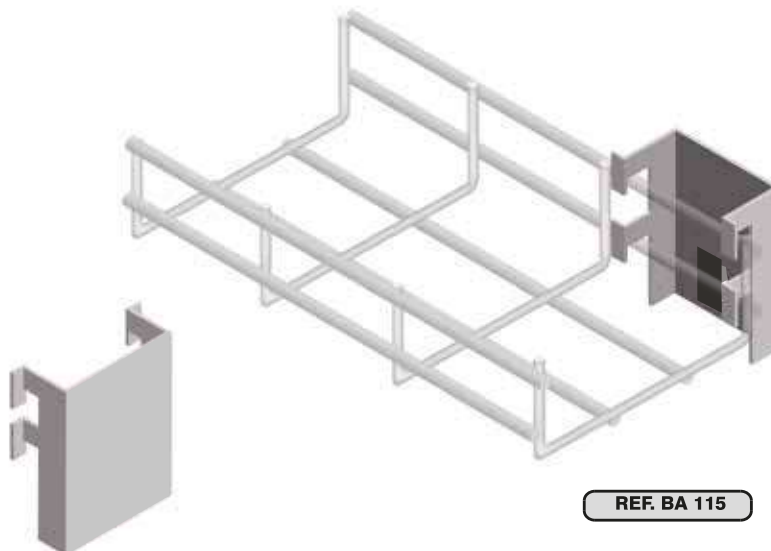
SAÍDA LATERAL PARA ELETRODUTO COM TRAVA EASY FIT SIDE CONDUIT TAKE OFF BRACKET



Ø 1/2", 3/4" ou 1"

REF.	Ø NOM
BA 114A	1/2"
BA 114B	3/4"
BA 114C	1"
BA 114D	1 1/4"
BA 114E	1 1/2"
BA 114F	2"
BA 114G	2 1/2"
BA 114H	3"
BA 114I	3 1/2"
BA 114J	4"

SUPORTE PARA ELETRÔNICOS ELECTRONICS DEVICES SUPPORT



REF. BA 115

FABRICAMOS MEDIANTE A DESENHO
WE MANUFACTURE UNDER TECHNICAL DRAWING

CANALETA TIPO RODAPÉ® ALUMINIUM CABLE TRUNKING



FÁCIL AJUSTE DA TAMPA
EASY FIT COVER

CERTIFICADO DE REGISTRO DE DESENHO **INDUSTRIAL NºDI 7101104-8** INDUSTRIAL DESIGN REGISTRATION CERTIFICATE NºDI 7101104-8

As canaletas de alumínio Bandeirantes, são fornecidas em barras de 3000 mm com tampas de 500, 1000 ou 3000 mm para fechamento.

Possibilitam fácil mudança de layout e suas dimensões atendem qualquer tipo de instalações:

- Escritórios
- Bancos
- Hospitais e Consultórios
- Laboratórios
- Instituições de Ensino

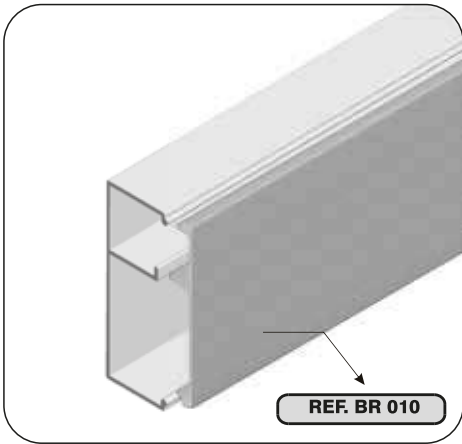
Material em alumínio natural ou pintado em EPÓX (eletrostática a pó) na cor branca. Cores especiais sob consulta.

The aluminum cable trunkings made by Bandeirantes are supplied in 3m long bars with 500mm, 1000mm or 3m long covers.

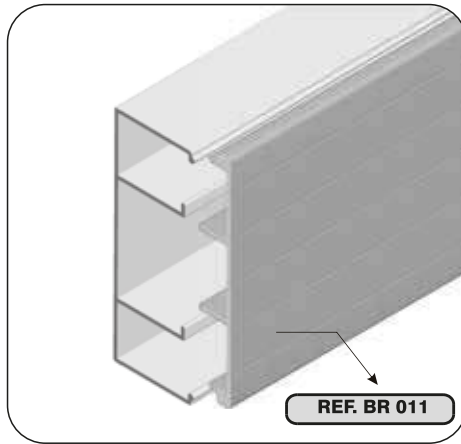
Allow easy change of layout and dimensions meet any installation:

- Offices
- Banks
- Hospitals and Medical Offices
- Laboratories
- Education Institutions

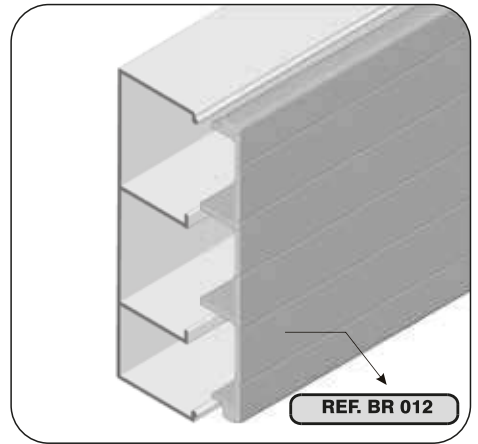
Are made by aluminium with Epoxi coating painting (electrostatic powder) in the white color. Special colors under query.



REF. BR 010



REF. BR 011



REF. BR 012

**CANALETA
TIPO RODAPÉ
70 X 25 X 3000 MM**
ALUMINIUM CABLE TRUNKING
70x25x3000mm

REF. BR 001

**CANALETA
TIPO RODAPÉ
90 X 25 X 3000 MM**
ALUMINIUM CABLE TRUNKING
90x25x3000mm

REF. BR 002

**CANALETA
TIPO RODAPÉ
110 X 33 X 3000 MM**
ALUMINIUM RACEWAY
110x33x3000mm

REF. BR 003

TAMPAS E ACESSÓRIOS SÃO VENDIDOS SEPARADAMENTE
COVERS AND ACCESSORIES ARE SOLD SEPARATELY

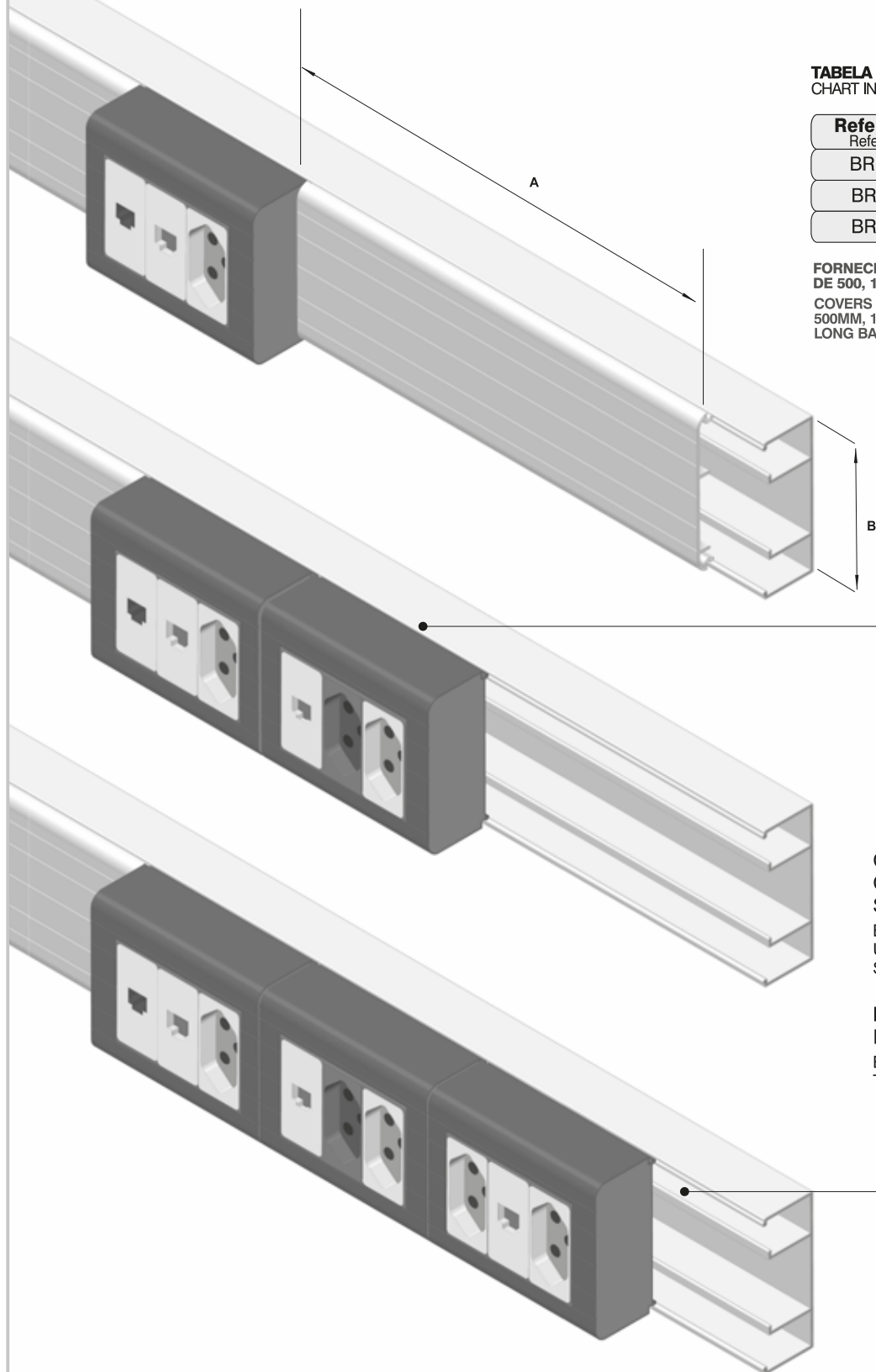


TAMPA PARA CANALETA TIPO RODAPÉ COVER FOR ALUMINIUM RACEWAY

TABELA EM MILÍMETROS
CHART IN MILLIMETERS

Referência Reference	Largura da canaleta Cable trunking width
BR 010	70
BR 011	90
BR 012	110

**FORNECEMOS TAMPAS
DE 500, 1000 OU 3000 MM**
COVERS ARE SUPPLIED IN
500MM, 1000MM OU 3000MM
LONG BARS



CONFIGURAÇÃO DAS
CAIXAS CONFORME A
SOLICITAÇÃO DO CLIENTE
BOXES SETTINGS ARE MADE
UNDER COSTUMERS
SPECIFICATIONS

EXEMPLO DAS CAIXAS
INSTALADAS NA TAMPA
EXAMPLE OF BOXES FIXED ON
THE BASES



CURVA HORIZONTAL INTERNA

INTERNAL HORIZONTAL BEND

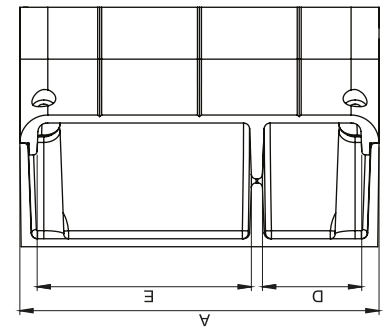
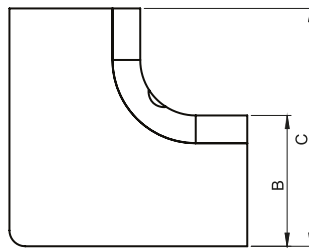
REF. BR 020

TABELA EM MILÍMETROS
CHART IN MILLIMETERS

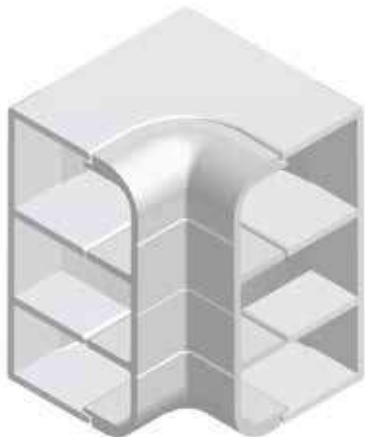
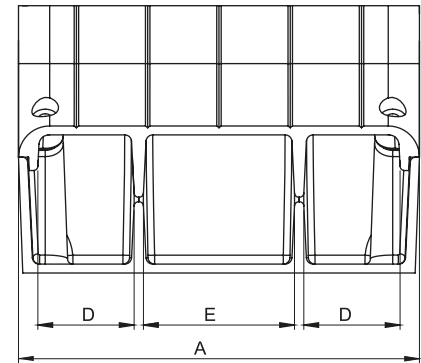
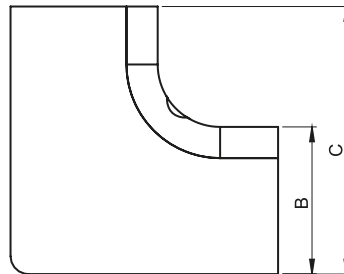
MOD.	A	B	C	D	E
110 x 33	110	41	70	29	38
90 x 25	90	32	60	22	33
70 x 25	70	31	53	21	42



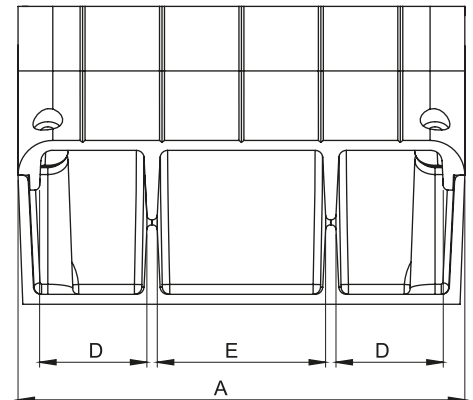
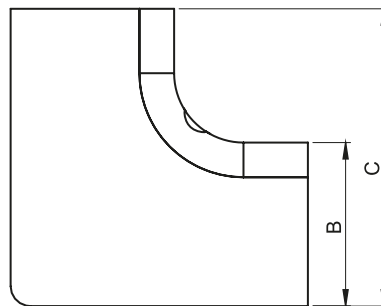
70 x 25 mm



90 x 25 mm



110 x 33 mm



**CURVA HORIZONTAL
EXTERNA**
EXTERNAL HORIZONTAL BEND

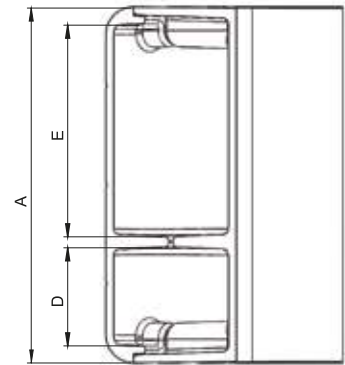
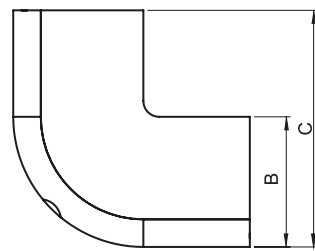
REF. BR 021

TABELA EM MILÍMETROS
CHART IN MILLIMETERS

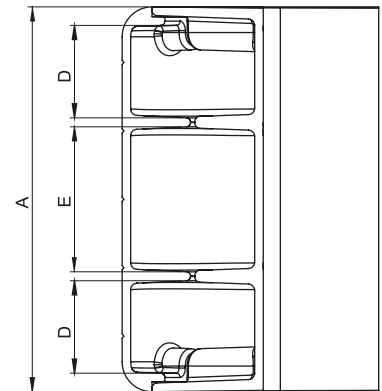
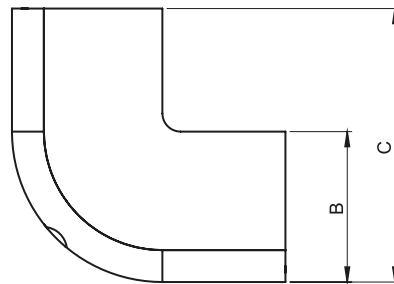
MOD.	A	B	C	D	E
110 x 33	110	41	79	29	38
90 x 25	90	32	60	22	33
70 x 25	70	31	64	21	42



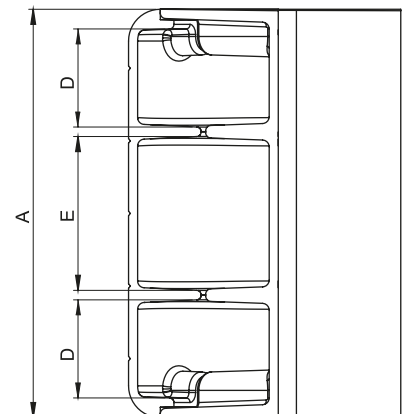
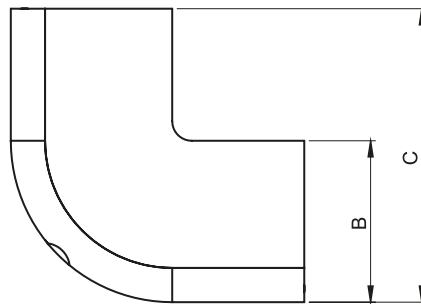
70 x 25 mm



90 x 25 mm



110 x 33 mm





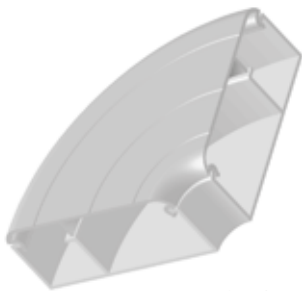
CURVA VERTICAL DE DESCIDA

VERTICAL BEND DOWNWARD

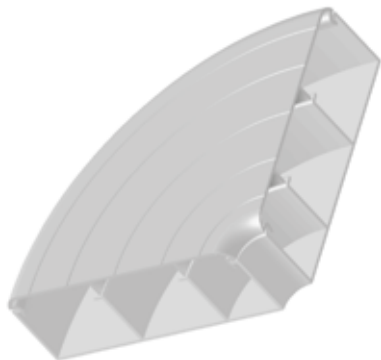
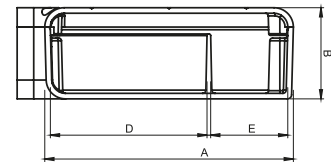
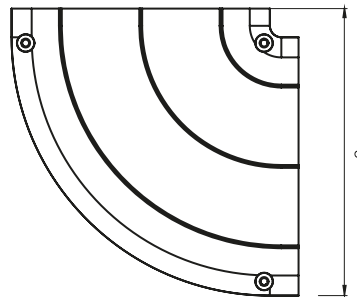
REF. BR 018

TABELA EM MILÍMETROS
CHART IN MILLIMETERS

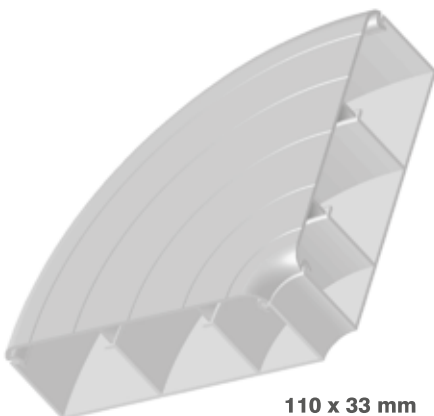
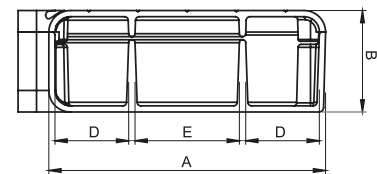
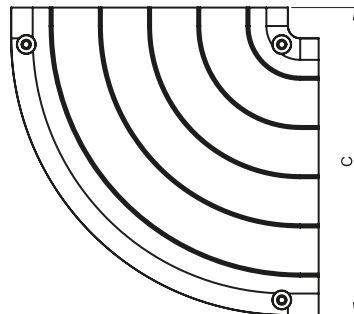
MOD.	A	B	C	D	E
110 x 33	110	36	120	32	40
90 x 25	90	32	100	24	33
70 x 25	70	31	80	21	42



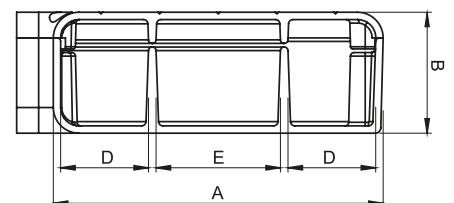
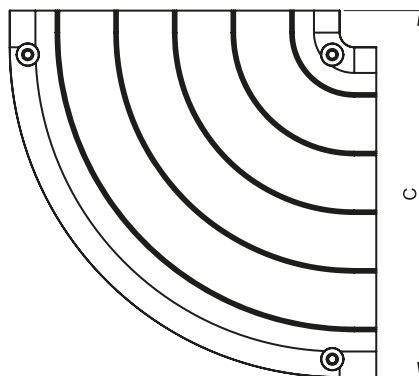
70 x 25 mm



90 x 25 mm

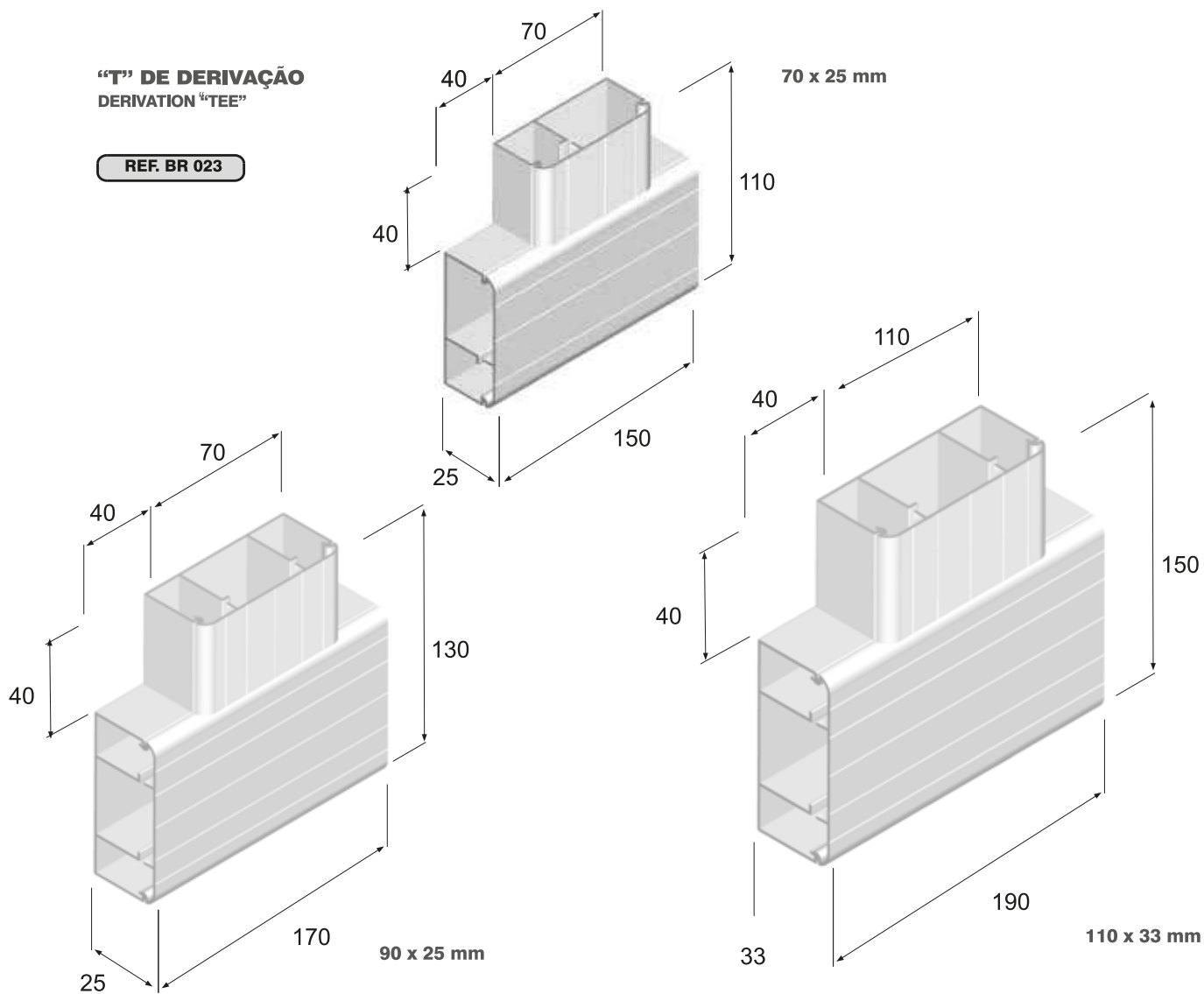


110 x 33 mm



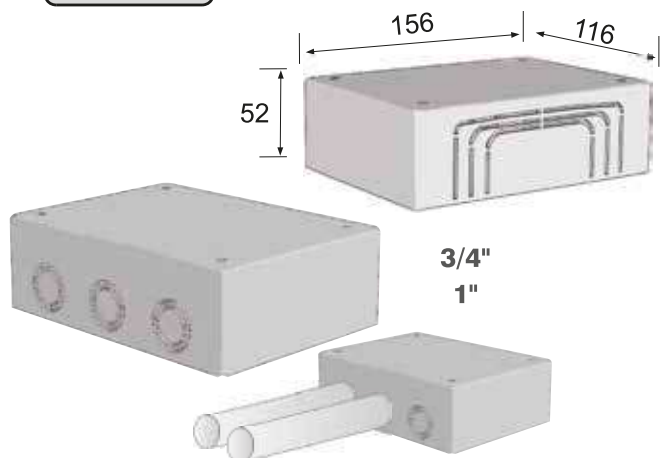
“T” DE DERIVAÇÃO
DERIVATION “TEE”

REF. BR 023



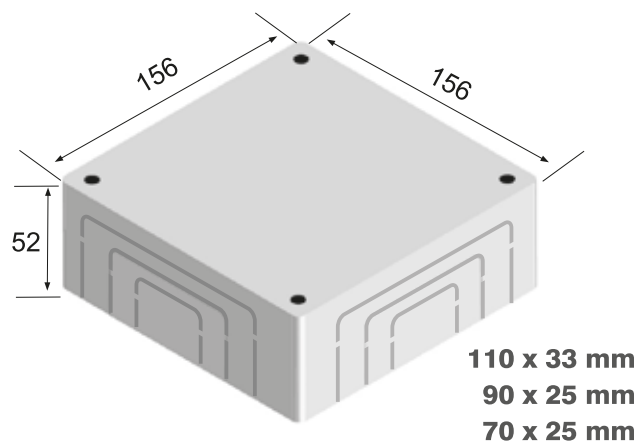
CAIXA DE DERIVAÇÃO DE RODAPÉ PARA ELETRODUTO
OUTLET BOX FOR CONDUIT

REF. BR 126



CAIXA DE PASSAGEM COM SAÍDA P/ CANALETAS
OUTLET BOX FOR CABLE TRUNKING

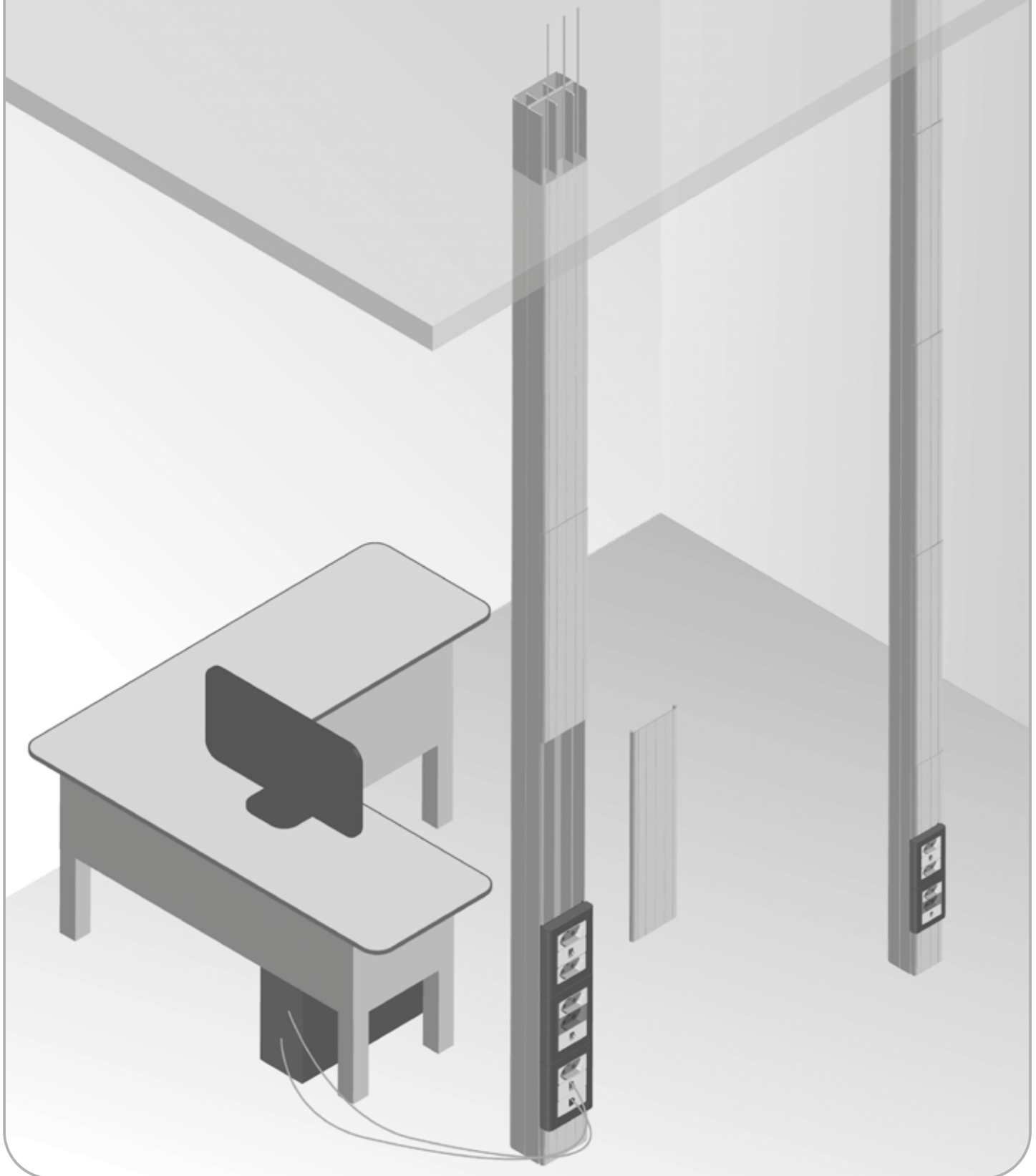
REF. BR 097





POSTE PARA TELECOMUNICAÇÃO

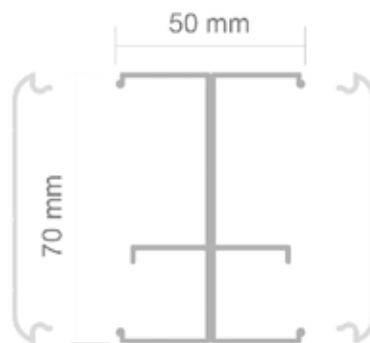
TELECOMMUNICATIONS POLE





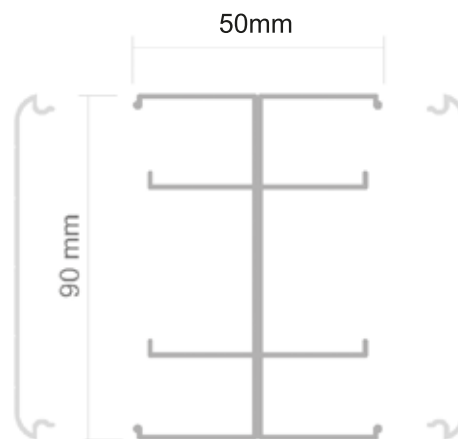
POSTE DUPLO
70 X 50 X 3000mm
DOUBLE POLE
70 x 50 x 3000mm

REF. BR 004



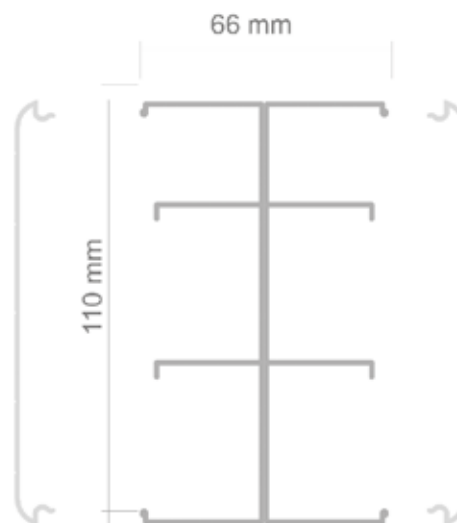
POSTE DUPLO
90 X 50 X 3000mm
DOUBLE POLE
90 x 50 x 3000mm

REF. BR 005



POSTE DUPLO
110 X 66 X 3000mm
DOUBLE POLE
110 x 66 x 3000mm

REF. BR 006





FLANGE PARA POSTE
FLANGE FOR POLE

110X66
90X50
70X50

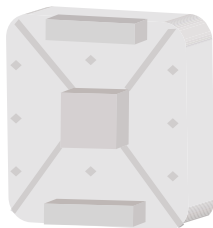
REF. BR 042



Cor
Color
Preto
Black
Branco
White
Cinza
Gray

FIXADOR PARA CABO
AUTO ADESIVO
SELF ADHESIVE
CABLE FIXER

REF. BR 098



SUPOORTE PARA
MÓDULOS
SOCKETS BOX

REF. BR 132



Tamanho Size	Cor Color	Marca Brand
70	Preto Black	PIAL
90	Branco White	ALUMBRA
110	Cinza Gray	

INTERRUPTOR SIMPLES
SIMPLE LIGHT SWITCH

REF. BR 114



TAMBÉM DISPONÍVEL:
INTERRUPTOR SIMPLES
PARALELO
ALSO AVAILABLE:
PARALLEL SIMPLE
LIGHT SWITCH

INTERRUPTOR BIPOLAR
BIPOLAR LIGHT SWITCH

REF. BR 166



TAMBÉM DISPONÍVEL:
INTERRUPTOR BIPOLAR
PARALELO
ALSO AVAILABLE:
PARALLEL BIPOLAR
LIGHT SWITCH

TERMINAL PARA
CANALETA
BLIND END FOR
CABLE TRUNKING

110X33
90X25
70X25

REF. BR 041



Cor
Color
Preto
Black
Branco
White
Cinza
Gray

BASE PARA FIXAÇÃO
POSTE DUPLO
DOUBLE POLE
FIXING BASE

110X66
90X50
70X50

REF. BR 099



JUNÇÃO PARA
CANALETA TIPO
RODAPÉ
JUNCTION PLATE FOR
CABLE TRUNKING

REF. BR 040



SAÍDA DE CANALETA
PARA ELETRODUTOS
FAST CONDUIT OUTLET

REF. BR 130



Ø3/4

MÓDULO SAÍDA
DE FIO
OUTPUT
MODULE WIRE

REF. BR 116



MÓDULO CEGO
BLIND MODULE

REF. BR 115



TOMADA RJ 11
RJ 11 SOCKET

REF. BR 110



TOMADA RJ 45
RJ 45 DATA SOCKET

REF. BR 111



Referência Reference	Categoria Category
6168	5
6169	6

TOMADA PARA ENERGIA
POWER OUTLET

110v

REF. BR 112



200v

REF. BR 113



Referência Reference	Amperagem Amperage	Referência Reference	Amperagem Amperage
6079	10A	6080	10A
6088	20A	6090	20A

MÓDULO PARA TOMADA
RJ45 (SEM TOMADA)
RJ 45 SOCKET (WITHOUT PLUG)

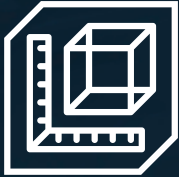
REF. BR 123





BANDEIRANTES

Produtos Eletro Metalúrgicos



SOB MEDIDA



QUALIDADE
NA ENTREGA






ENVIO ÁGIL




ISO
9001
Gestão da
Qualidade

ISO
14001
Gestão do
Meio Ambiente



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