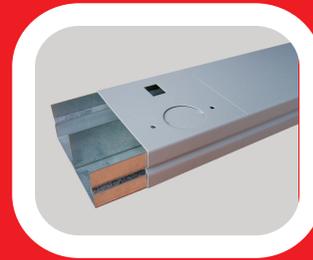




PRODUTOS E SOLUÇÕES
PARA REDES ELÉTRICAS,
DADOS
E TELECOMUNICAÇÕES



A **Lifer** agradece a atenção dedicada a este catálogo. Através do mesmo relacionamos todos os nossos produtos de maneira clara e objetiva, visando auxiliá-lo na escolha do sistema que melhor atenda as suas necessidades. Em caso de dúvidas ou sugestões, entre em contato com nossos departamentos técnico ou comercial, teremos o maior prazer em atendê-lo.

Atendimento ao cliente

Fone: (11) 2407-7254

E-mail lifer@lifer.com.br

vendas@lifer.com.br

www.lifer.com.br

| | |
|---|--|
| Perfilados e Acessórios | |
| Elementos de Fixação | |
| Eletrocalhas e Acessórios | |
| Dutos de Piso e Acessórios | |
| Caixas de Tomadas para Piso | |
| Rodapés e Acessórios | |
| Poste Condutor | |
| Calhas para Piso e Acessórios | |
| Calhas Aramadas e Acessórios | |
| Leitos para Cabos e Acessórios | |
| Esteira para Telecomunicação e Acessórios | |

PERFILADOS E ACESSÓRIOS

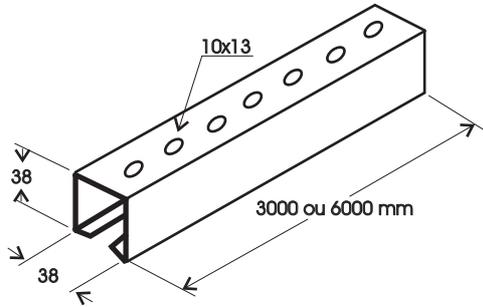
Os perfilados são próprios para instalações elétricas, de pequenos circuitos e de iluminação em geral. Através deles é possível conferir ao sistema alta confiabilidade, e economia proporcionando também grande facilidade de ampliações ou modificações.

Os perfilados são fabricados em aço carbono e possuem uma ampla variedade de acessórios necessários para a adaptação e montagem dos mesmos.

Acabamentos Opcionais: Como acabamento opcional é possível citar galvanização eletrolítica, galvanização a fogo ou pintura eletrostática a pó.

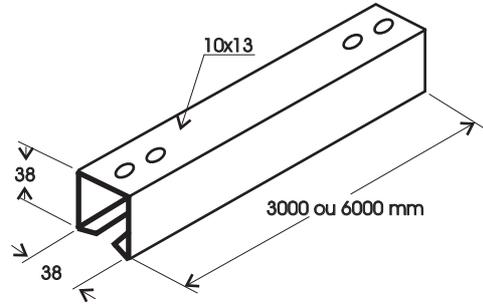
Perfilado Perfurado 38x38 mm

LF 010



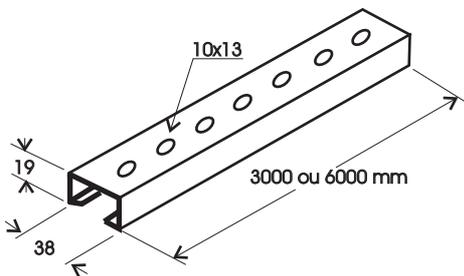
Perfilado 2 Furos 38x38 mm

LF 011



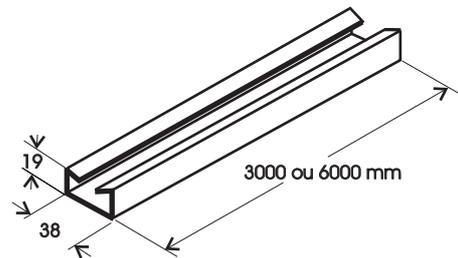
Perfilado Perfurado 38x19 mm

LF 012



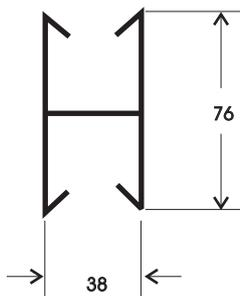
Perfilado Liso 38x19 mm

LF 013



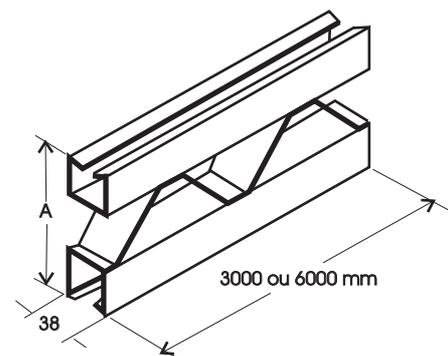
Conjugado

LF 014

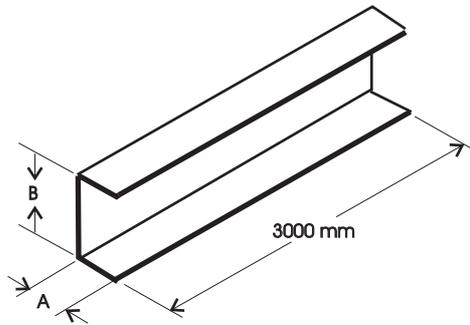


Treliça

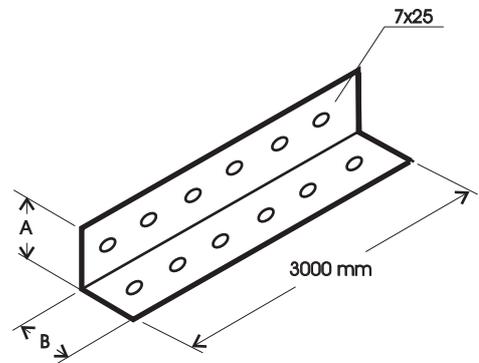
LF 015



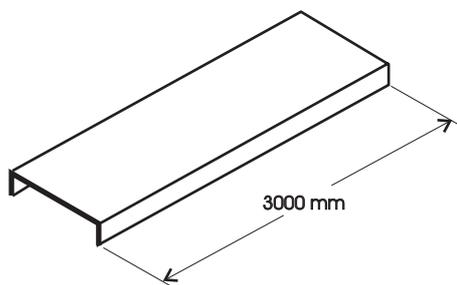
Perfil U
LF 016



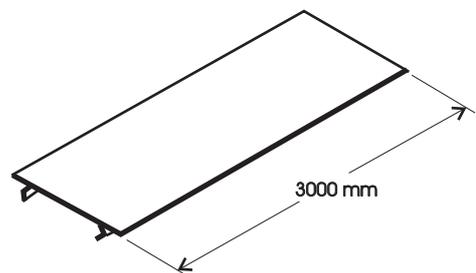
Cantoneira Perfurada
LF 017



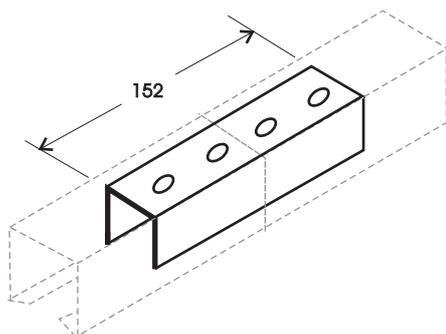
Tampa de Encaixe
LF 018



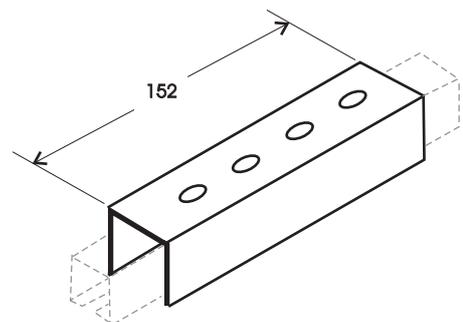
Tampa de Pressão
LF 019



Junta Interna I
LF 020

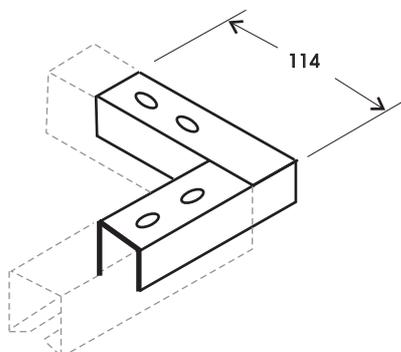


Junta Externa I
LF 021



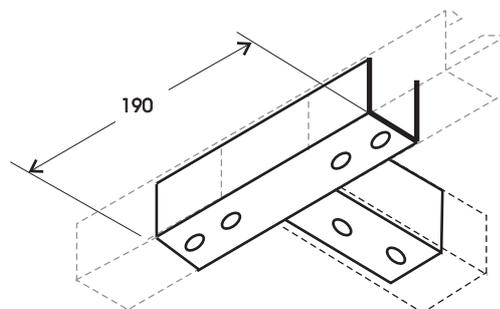
Junta Interna L

LF 022



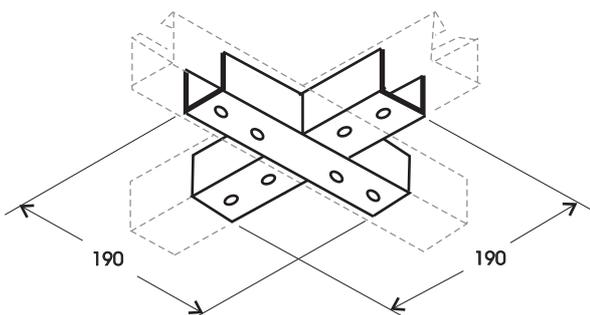
Junta Interna T

LF 023



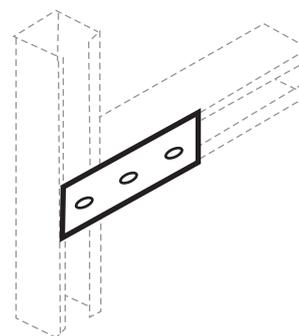
Junta Interna X

LF 024



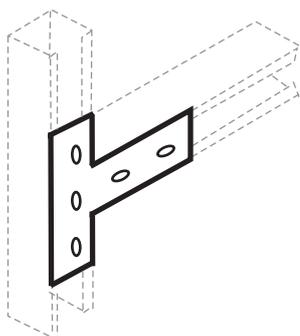
Tala 3 Furos

LF 025



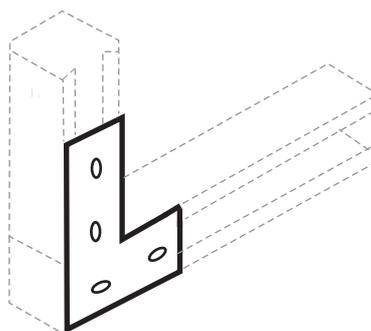
Tala Tipo T

LF 026



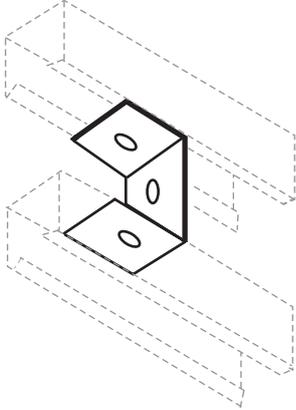
Tala Tipo L

LF 027



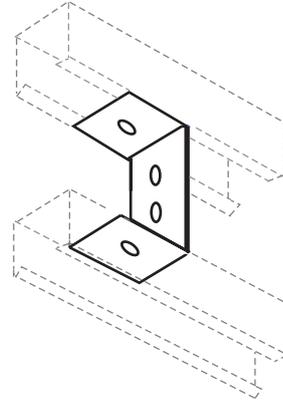
Distanciador Simples

LF 028



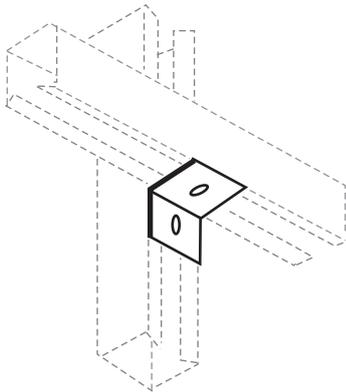
Distanciador Duplo

LF 029



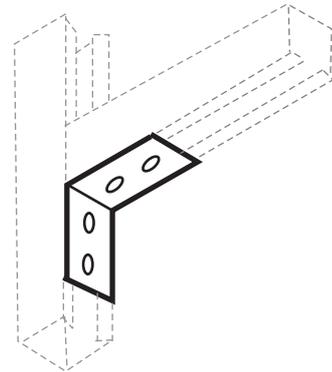
Cantoneira 2 Furos

LF 030



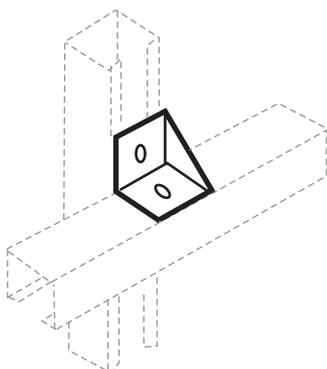
Cantoneira 4 Furos

LF 031



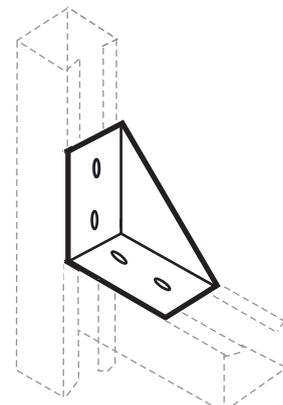
Cantoneira 2 Furos Reforçada

LF 032

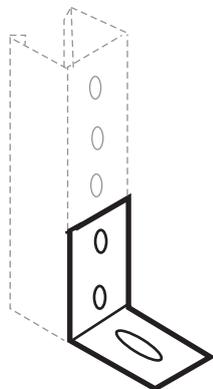


Cantoneira 4 Furos Reforçada

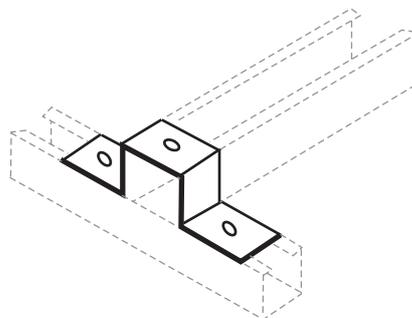
LF 033



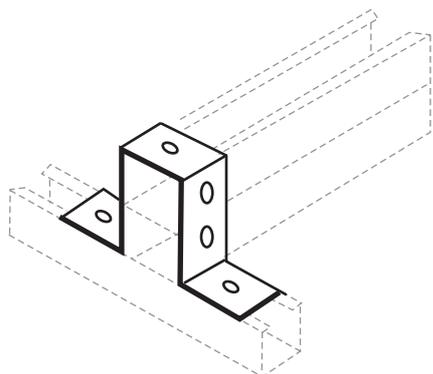
Cantoneira 2 Furos e 1 Rasgo
LF 034



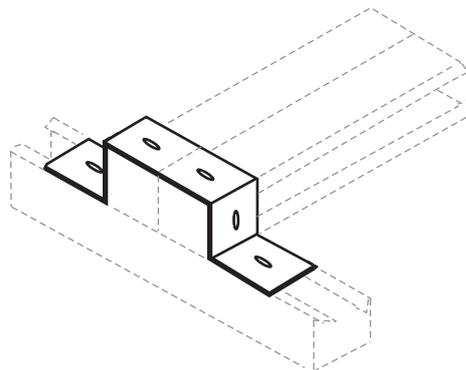
Cantoneira ZZ
LF 035



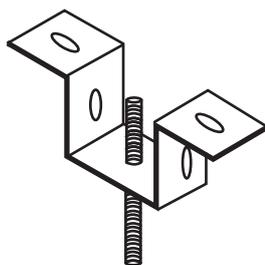
Cantoneira ZZ Dupla
LF 036



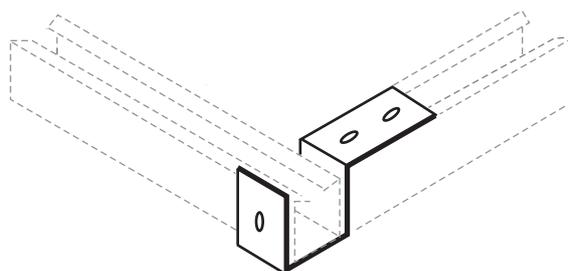
Cantoneira ZZ Dupla Horizontal
LF 037



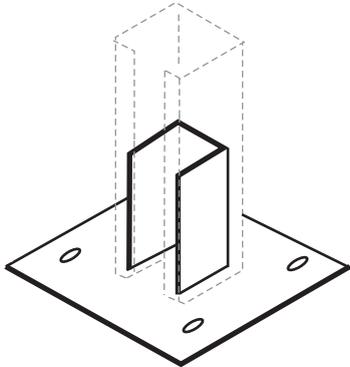
Suspensão p/ Tirante
LF 038



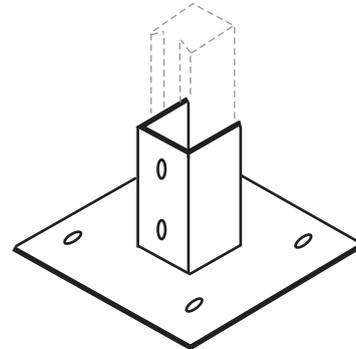
Suporte U
LF 039



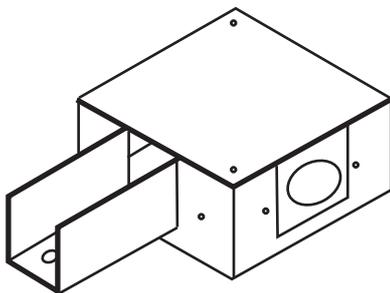
Sapata Interna
LF 040



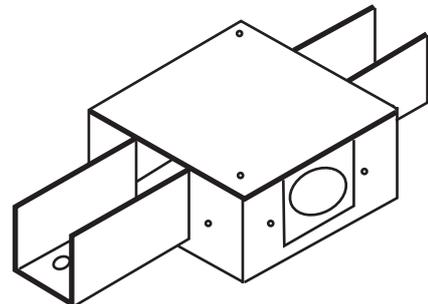
Sapata Externa
LF 041



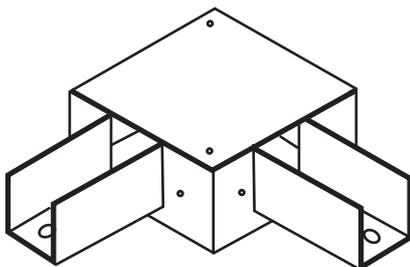
Caixa de Derivação Tipo I
LF 042



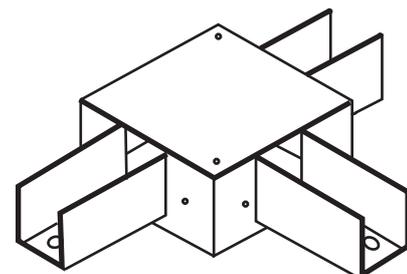
Caixa de Derivação Tipo C
LF 043



Caixa de Derivação Tipo L
LF 044

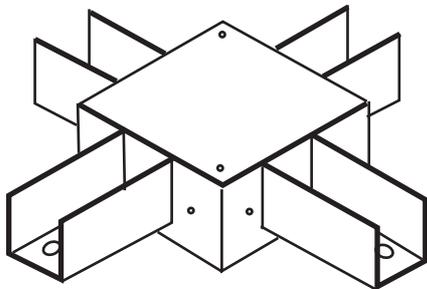


Caixa de Derivação Tipo T
LF 045



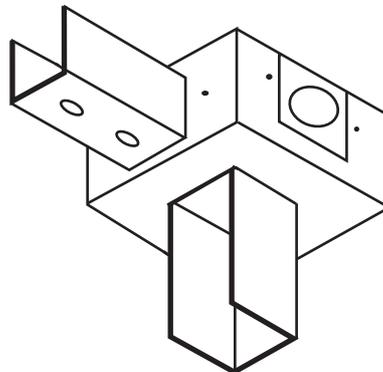
Caixa de Derivação Tipo X

LF 046



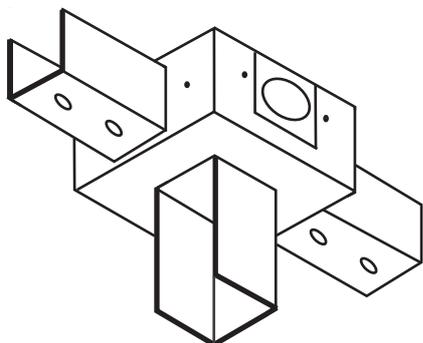
Tipo I com Saída Inferior

LF 047



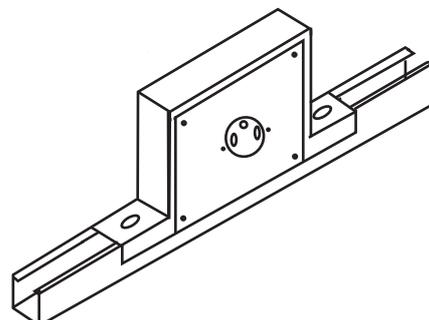
Tipo C com saída Inferior

LF 048



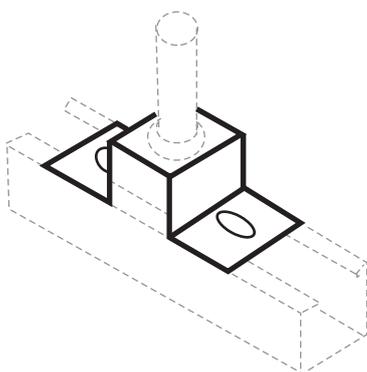
Caixa de Tomada

LF 049



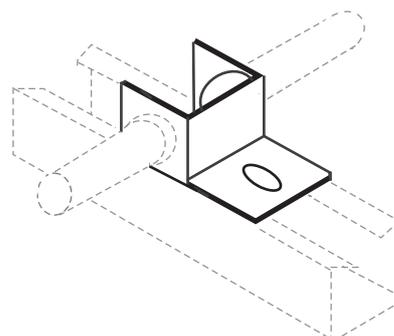
Saída Superior para Eletroduto

LF 050

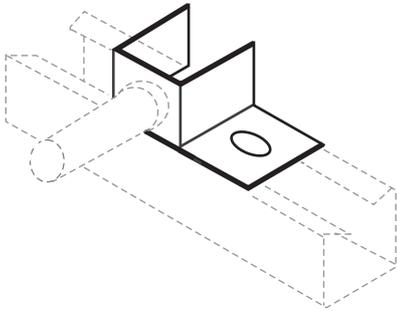


Saída Lateral Dupla para Eletroduto

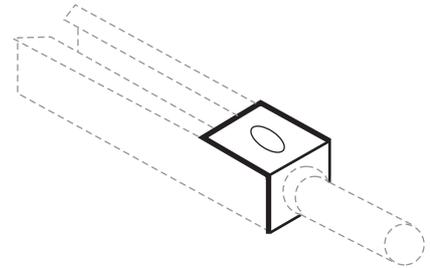
LF 051



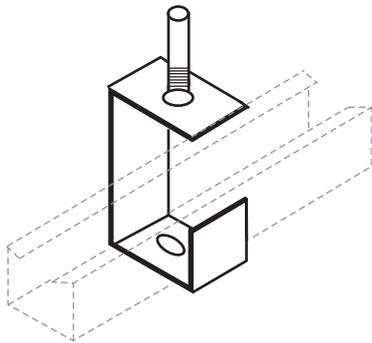
Saída Lateral Simples para Eletroduto
LF 052



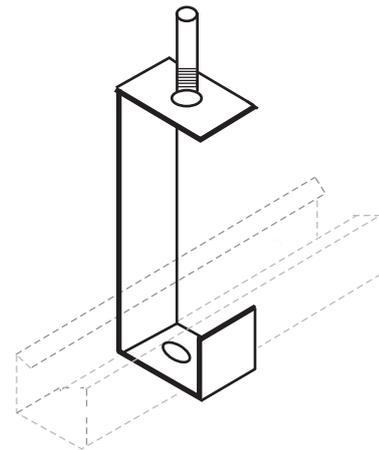
Saída Final para Eletroduto
LF 053



Gancho Curto para Perfilado
LF 054



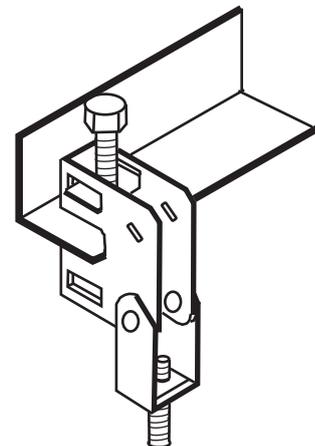
Gancho Longo para Perfilado
LF 055



Gancho para Luminária
LF 056

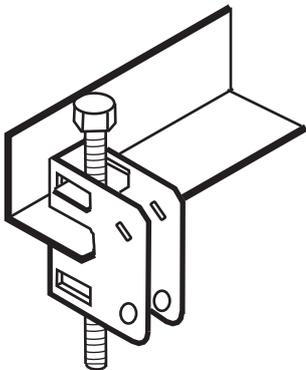


Grampo C com Balancin
LF 057



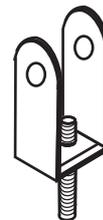
Grampo C

LF 058



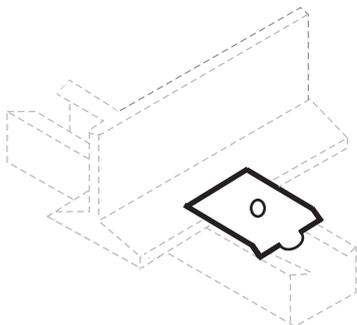
Balancin

LF 059



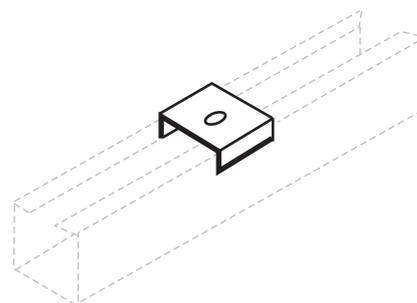
Grapa Fixa

LF 060



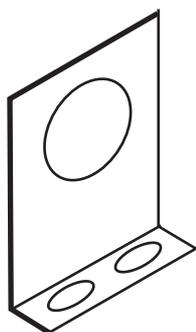
Arruela Adaptadora

LF 061



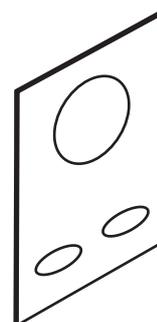
Saída Vertical para Eletroduto

LF 062



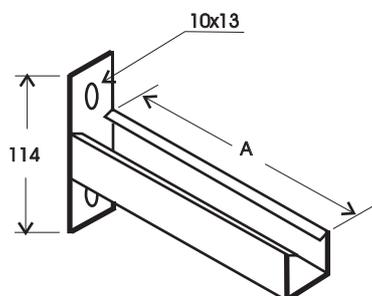
Saída Horizontal para Eletroduto

LF 063



Mão Francesa Simples

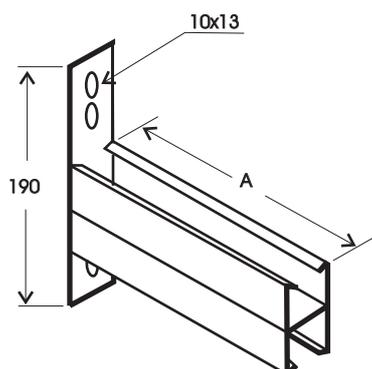
LF 070



| Código | A (mm) | * Carga |
|----------|--------|---------|
| LF 070-1 | 100 | 140 |
| LF 070-2 | 200 | 124 |
| LF 070-3 | 300 | 112 |
| LF 070-4 | 400 | 88 |
| LF 070-5 | 500 | 68 |

Mão Francesa Dupla

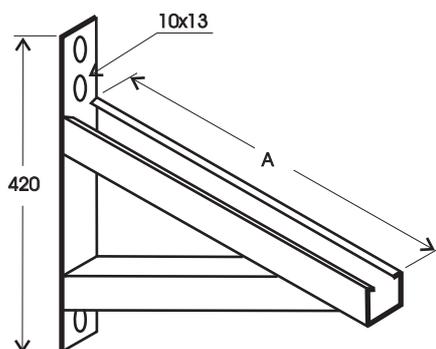
LF 071



| Código | A (mm) | * Carga |
|----------|--------|---------|
| LF 071-1 | 300 | 250 |
| LF 071-2 | 400 | 165 |
| LF 071-3 | 500 | 130 |
| LF 071-4 | 600 | 110 |
| LF 071-5 | 700 | 95 |
| LF 071-6 | 800 | 80 |

Mão Francesa Reforçada

LF 072



| Código | A (mm) | * Carga |
|----------|--------|---------|
| LF 072-1 | 500 | 250 |
| LF 072-2 | 600 | 490 |
| LF 072-3 | 700 | 440 |
| LF 072-4 | 800 | 400 |
| LF 072-5 | 1000 | 360 |
| LF 072-6 | 1200 | 290 |

ELEMENTOS DE FIXAÇÃO

Os elementos de fixação são utilizados em toda linha de produtos Lifer, proporcionando assim maior facilidade na sua instalação.

Parafuso Cabeça Sextavada Rosca Soberba

LF 080



| Código | ∅ x Comp. | Bucha |
|-----------------|-------------|--------|
| LF 080-1 | 4,2 x 30 mm | S - 6 |
| LF 080-2 | 4,8 x 45 mm | S - 8 |
| LF 080-3 | 6,1 x 50 mm | S - 10 |

Parafuso Cabeça Painela Auto Atarrachante

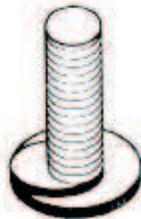
LF 081



| Código | ∅ x Comp. | Bucha |
|-----------------|-------------|--------|
| LF 081-1 | 4,2 x 30 mm | S - 6 |
| LF 081-2 | 4,8 x 45 mm | S - 8 |
| LF 081-3 | 6,1 x 50 mm | S - 10 |

Parafuso Cabeça Lentilha Auto Travante

LF 082



| Código | ∅ x Comp. |
|-----------------|--------------|
| LF 082-1 | 1/4" x 1/2" |
| LF 082-2 | 5/16" x 3/4" |
| LF 082-3 | 3/8" x 3/4" |

Parafuso Cabeça Lentilha Fenda

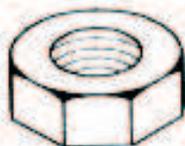
LF 083



| Código | ∅ x Comp. |
|-----------------|--------------|
| LF 083-1 | 1/4" x 1/2" |
| LF 083-2 | 5/16" x 3/4" |
| LF 083-3 | 3/8" x 3/4" |

Porca Sextavada

LF 084



| Código | ∅ Interno |
|-----------------|-----------|
| LF 084-1 | 3/16" |
| LF 084-2 | 1/4" |
| LF 084-3 | 5/16" |
| LF 084-4 | 3/8" |
| LF 084-5 | 1/2" |
| LF 084-6 | 5/8" |

Arruela Lisa

LF 085



| Código | ∅ Interno |
|-----------------|-----------|
| LF 085-1 | 3/16" |
| LF 085-2 | 1/4" |
| LF 085-3 | 5/16" |
| LF 085-4 | 3/8" |
| LF 085-5 | 1/2" |
| LF 085-6 | 5/8" |

Arruela de Pressão

LF 086



| Código | ∅ Interno |
|----------|-----------|
| LF 086-1 | 3/16" |
| LF 086-2 | 1/4" |
| LF 086-3 | 5/16" |
| LF 086-4 | 3/8" |
| LF 086-5 | 1/2" |
| LF 086-6 | 5/8" |

Porca Losangular

LF 087



| Código | ∅ Rosca |
|----------|---------|
| LF 087-1 | 1/4" |
| LF 087-2 | 5/16" |
| LF 087-3 | 3/8" |

Porca Losangular com Mola

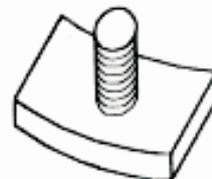
LF 088



| Código | ∅ Rosca |
|----------|---------|
| LF 088-1 | 1/4" |
| LF 088-2 | 5/16" |
| LF 088-3 | 3/8" |

Porca Losangular com Pino

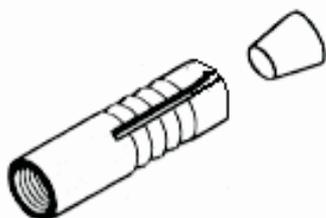
LF 089



| Código | ∅ Rosca |
|----------|---------|
| LF 089-1 | 1/4" |
| LF 089-2 | 5/16" |
| LF 089-3 | 3/8" |

Chumbador URX - Rosca Interna

LF 090



| Código | ∅ Rosca |
|----------|---------|
| LF 090-1 | 1/4" |
| LF 090-2 | 5/16" |
| LF 090-3 | 3/8" |
| LF 090-4 | 1/2" |

Chumbador UR - Rosca Interna

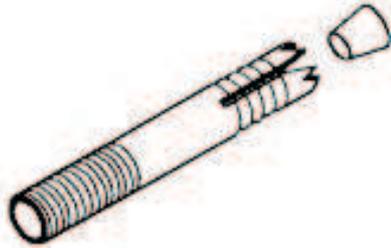
LF 091



| Código | ∅ Rosca |
|----------|---------|
| LF 091-1 | 1/4" |
| LF 091-2 | 5/16" |
| LF 091-3 | 3/8" |
| LF 091-4 | 1/2" |

Chumbador UR - Rosca Externa

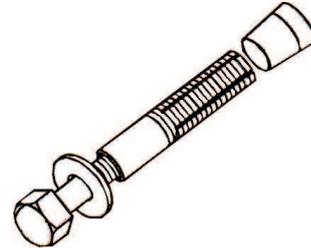
LF 092



| Código | ∅ Rosca |
|----------|---------|
| LF 092-1 | 1/4" |
| LF 092-2 | 5/16" |
| LF 092-3 | 3/8" |
| LF 092-4 | 1/2" |

Chumbadro CB - Rosca Interna

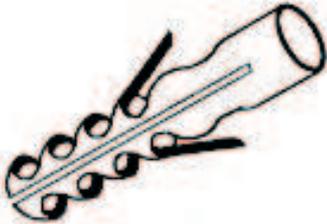
LF 093



| Código | ∅ Rosca |
|----------|---------|
| LF 093-1 | 1/4" |
| LF 093-2 | 5/16" |
| LF 093-3 | 3/8" |
| LF 093-4 | 1/2" |

Bucha de Nylon

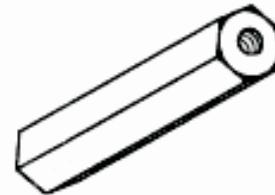
LF 094



| Código | Tipo | ∅ | Broca |
|----------|--------|-------|-------|
| LF 094-1 | S - 6 | 1/4" | 6 |
| LF 094-2 | S - 8 | 5/16" | 8 |
| LF 094-3 | S - 10 | 3/8" | 10 |
| LF 094-4 | S - 12 | 1/2" | 12 |

Prolongador

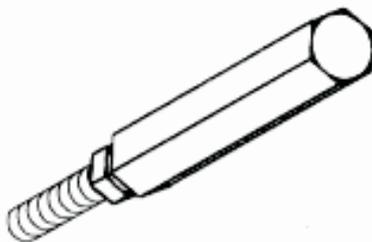
LF 095



| Código | ∅ Rosca |
|----------|---------|
| LF 095-1 | 1/4" |
| LF 095-2 | 5/16" |
| LF 095-3 | 3/8" |
| LF 095-4 | 1/2" |

Batedor para Chumbador

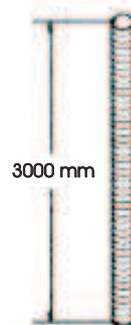
LF 096



| Código | ∅ Rosca |
|----------|---------|
| LF 096-1 | 1/4" |
| LF 096-2 | 5/16" |
| LF 096-3 | 3/8" |
| LF 096-4 | 1/2" |

Vergalhão com Rosca Total

LF 097



| Código | ∅ Rosca |
|----------|---------|
| LF 097-1 | 1/4" |
| LF 097-2 | 5/16" |
| LF 097-3 | 3/8" |
| LF 097-4 | 1/2" |
| LF 097-5 | 5/8" |
| LF 097-6 | 3/4" |

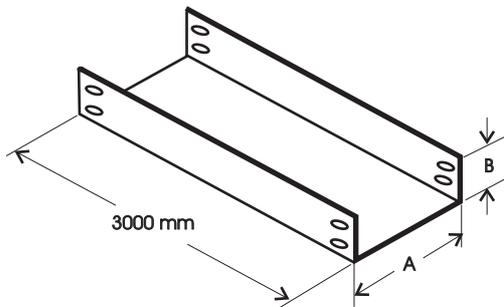
ELETROCALHAS

As Eletrocalhas são utilizadas para instalações industriais e comerciais, necessárias para instalação onde ocorre grande quantidade de cabos. São fabricadas em aço carbono podendo ser lisas, perfuradas ou ventiladas.

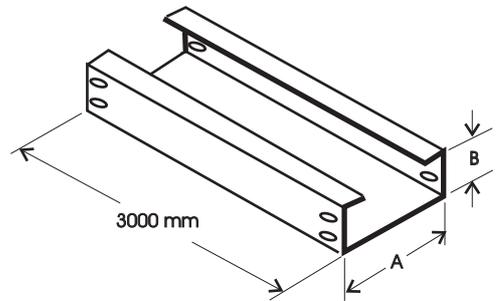
São fornecidas em diversas medidas e com uma completa linha de acessórios atendendo as mais diversas possibilidades de montagem, proporcionando uma excelente funcionalidade e acomodação dos cabos.

Acabamentos Opcionais: Galvanização eletrolítica, galvanização a fogo, anodização ou Pintura eletrostática a pó.

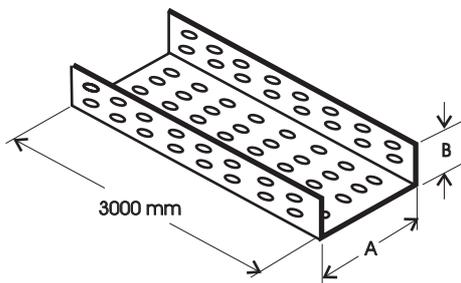
Eletrocalha Lisa
LF 110



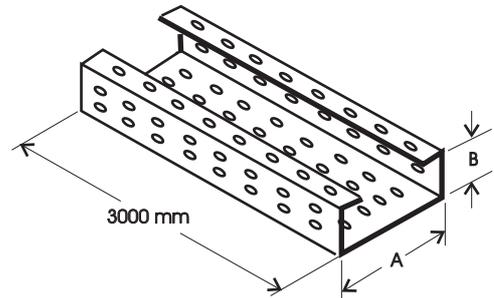
Eletrocalha Lisa com Virola
LF 111



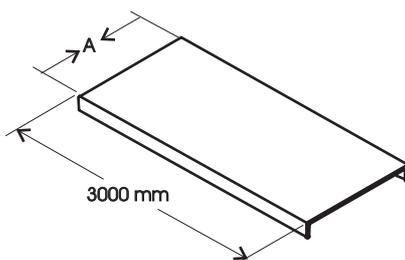
Eletrocalha Perfurada
LF 112



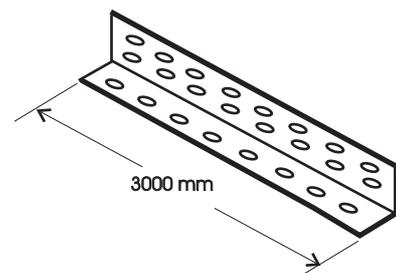
Eletrocalha Perfurada com Virola
LF 113



Tampa Lisa
LF 114

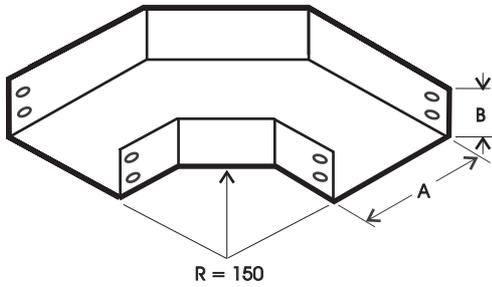


Divisão para Eletrocalha
LF 115



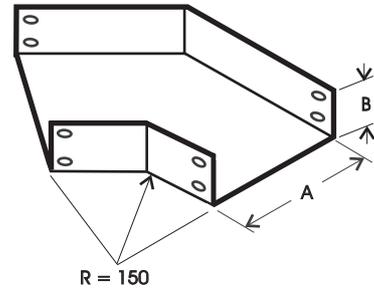
Curva Horizontal 90°

LF 116



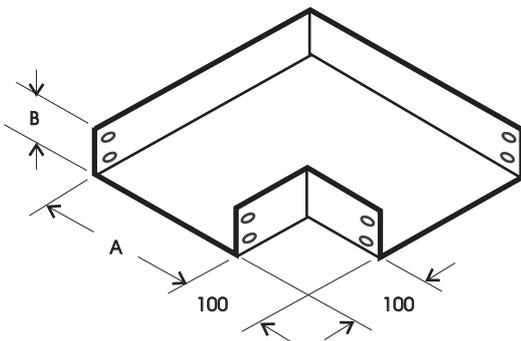
Curva Horizontal 45°

LF 117



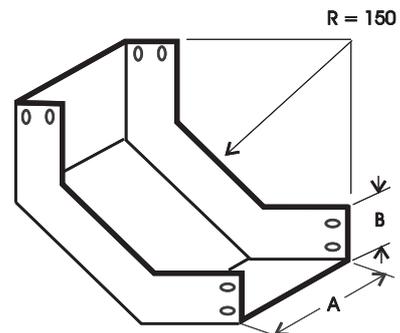
Cotovelo Horizontal

LF 118



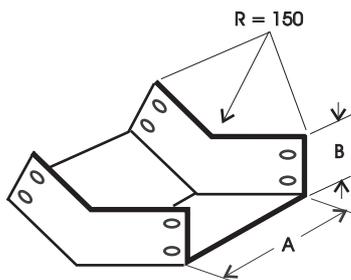
Curva Vertical Interna 90°

LF 119



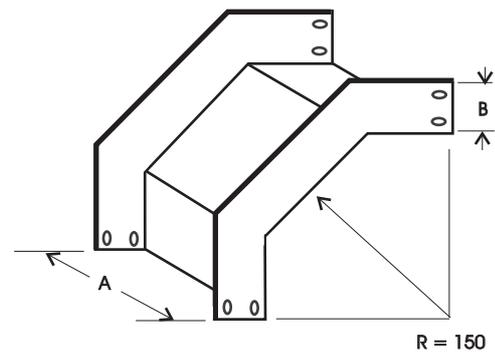
Curva Vertical Interna 45°

LF 120



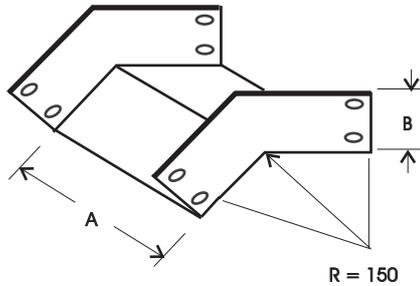
Curva Vertical Externa 90°

LF 121



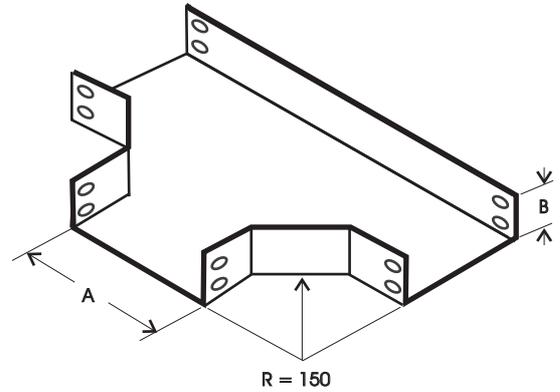
Curva Vertical Externa 45°

LF 122



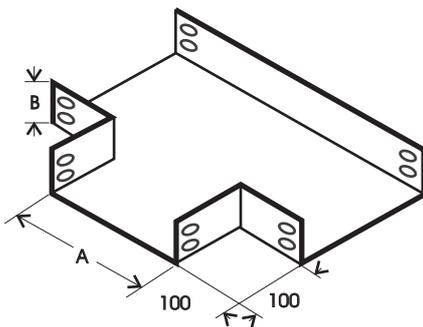
Tê Horizontal 90°

LF 123



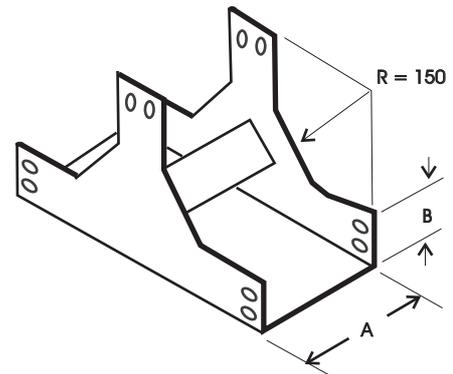
Tê Reto 90°

LF 124



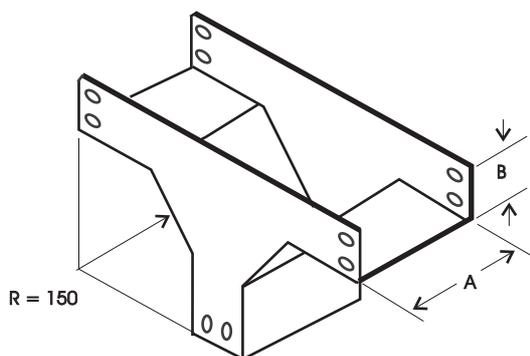
Tê Vertical de Subida

LF 125



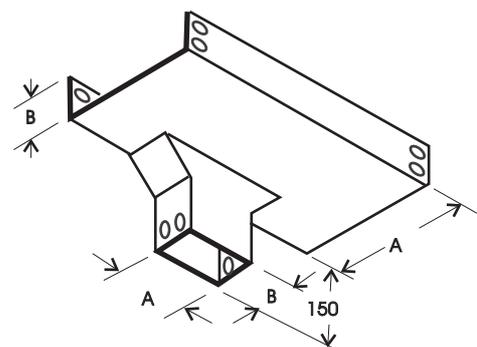
Tê Vertical de Descida

LF 126



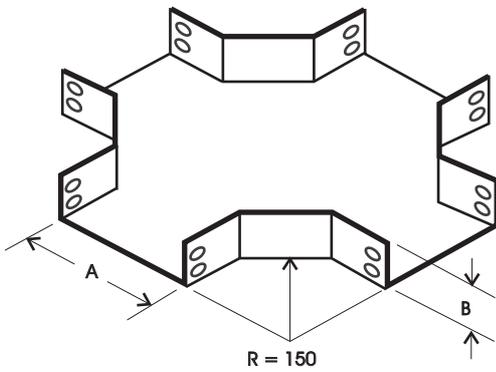
Tê Vertical de Descida Lateral

LF 127



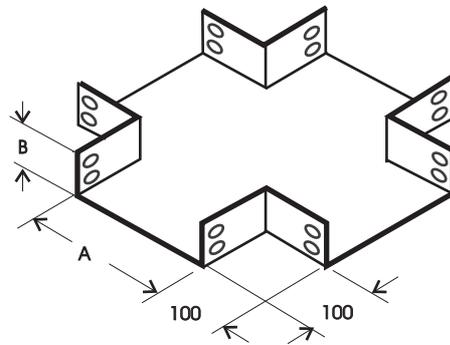
Cruzeta Horizontal

LF 128



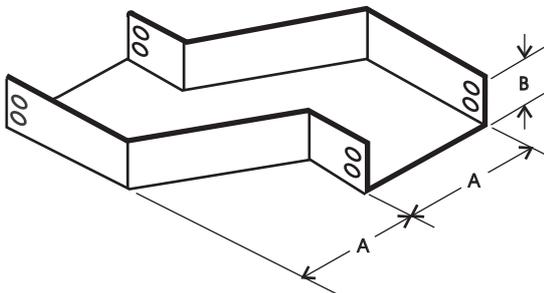
Cruzeta Retá

LF 129



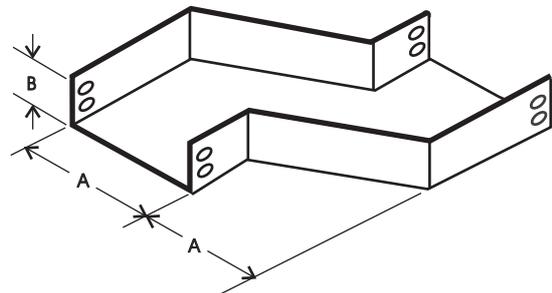
Desvio Esquerdo

LF 130



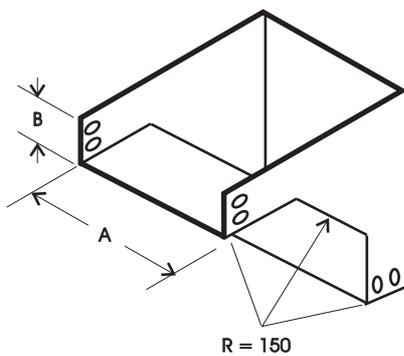
Desvio Direito

LF 131



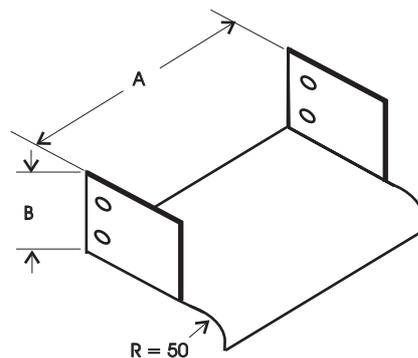
Curva de Inversão

LF 132



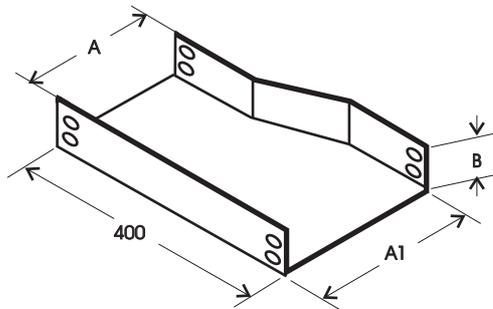
Gotejador

LF 133



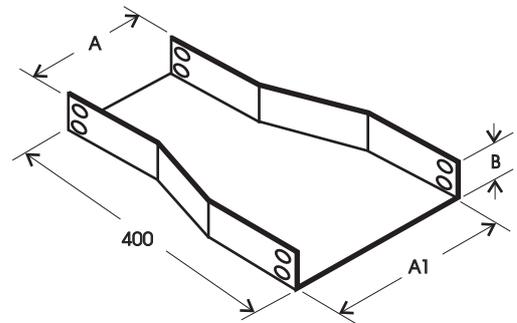
Redução à Esquerda

LF 134



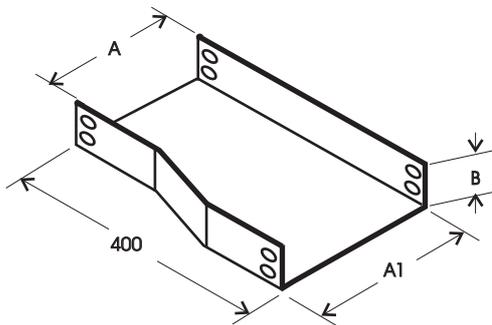
Redução Concêntrica

LF 135



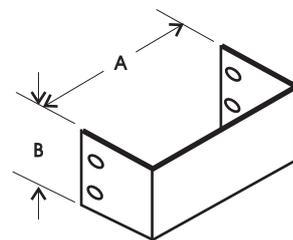
Redução à Direita

LF 136



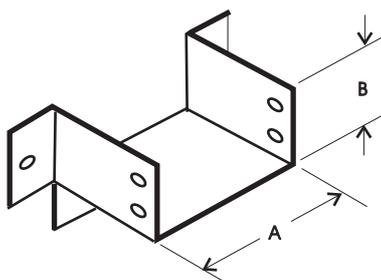
Terminal

LF 137



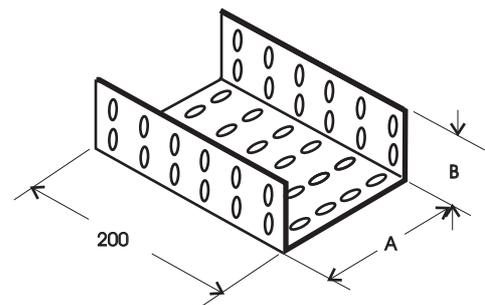
Flange para Painel

LF 138



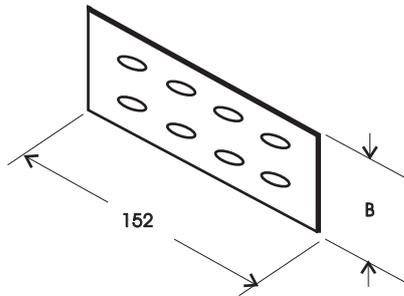
Junção Telescópica

LF 139



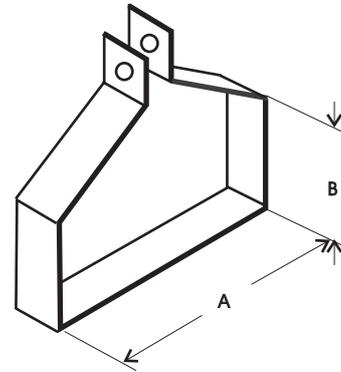
Junção Simples

LF 140



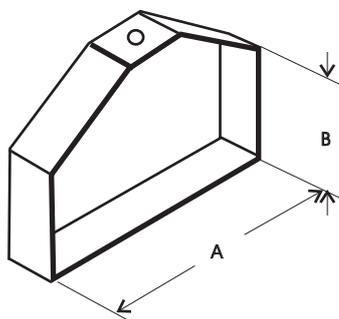
Suporte Horizontal

LF 141



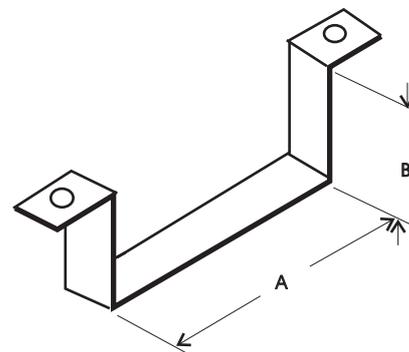
Suporte Vertical (Balanço)

LF 142



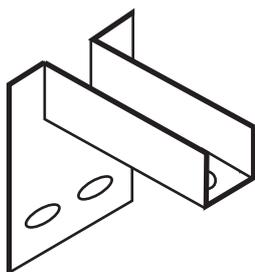
Suporte Duplo

LF 143



Saída Horizontal para Perfilado

LF 144

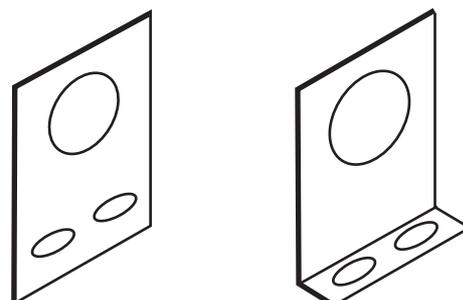


Saída Horizontal para Eletroduto

LF 145

Saída Vertical para Eletroduto

LF 146



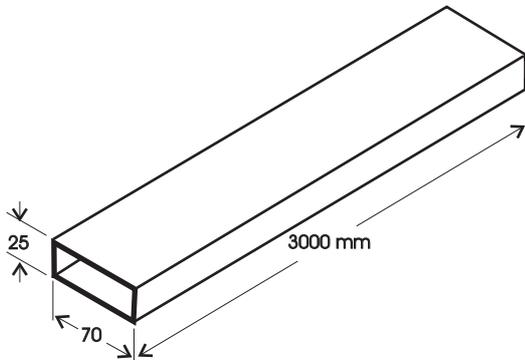
DUTOS DE PISO

Os dutos de piso é um sistema constituído por dutos retangulares medindo 25x70 mm montados paralelamente na dimensão desejada, dependendo da necessidade e números de circuitos a serem separados entre si, permitindo eficiente distribuição de alimentação dos pontos telefônicos, energia elétrica e lógica.

São fabricados em aço carbono pré zincado a fogo e possui uma ampla linha de acessórios necessários para a montagem.

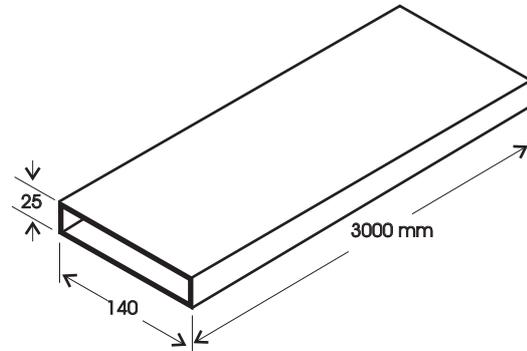
Duto de Piso Liso 25x70 mm

LF 210



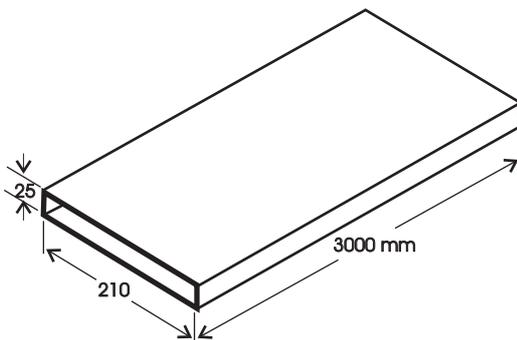
Duto de Piso Liso 25x140

LF 211



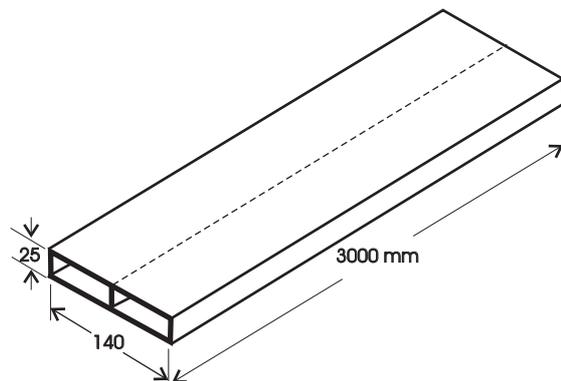
Duto de Piso Liso 25x210 mm

LF 212



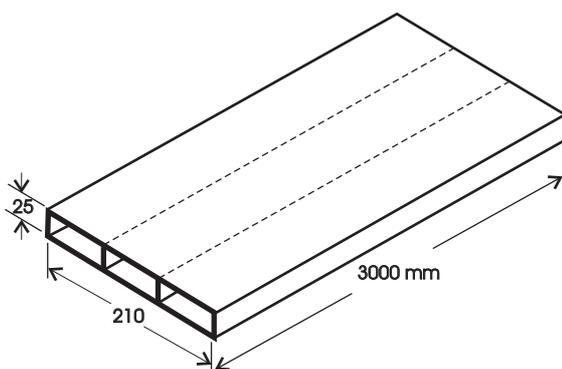
Duto de Piso Liso 2x25x70 mm

LF 213



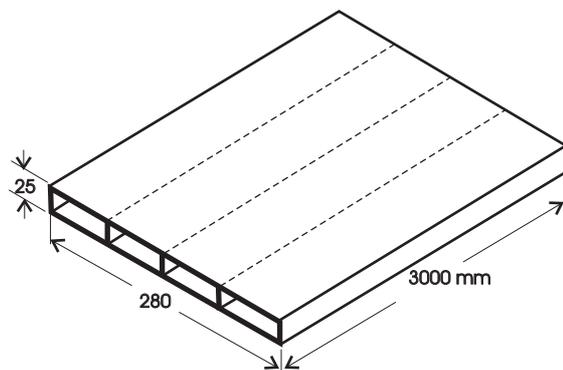
Duto de Piso Liso 3x25x70 mm

LF 214



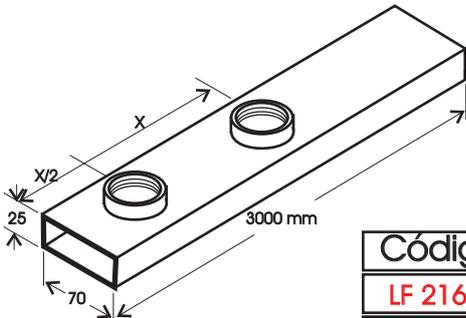
Duto de Piso Liso 4x25x70 mm

LF 215



Duto Modulado 25x70 mm

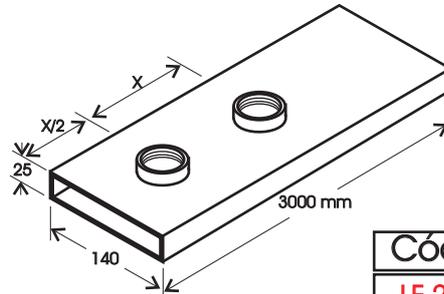
LF 216



| Código | X |
|----------|------|
| LF 216-1 | 500 |
| LF 216-2 | 1000 |
| LF 216-3 | 1200 |
| LF 216-4 | 1500 |
| LF 216-5 | 2000 |

Duto Modulado 25x140 mm

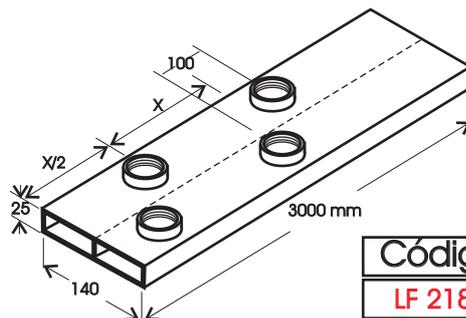
LF 217



| Código | X |
|----------|------|
| LF 217-1 | 500 |
| LF 217-2 | 1000 |
| LF 217-3 | 1200 |
| LF 217-4 | 1500 |
| LF 217-5 | 2000 |

Duto Modulado 2x25x70 mm

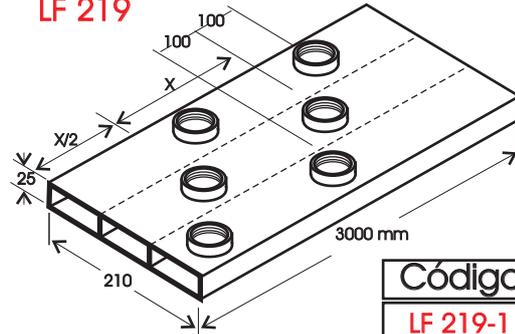
LF 218



| Código | X |
|----------|------|
| LF 218-1 | 500 |
| LF 218-2 | 1000 |
| LF 218-3 | 1200 |
| LF 218-4 | 1500 |
| LF 218-5 | 2000 |

Duto Modulado Paralelo 3x25x70 mm

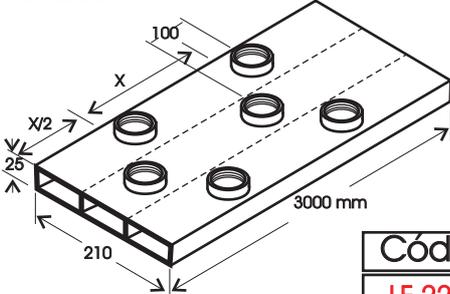
LF 219



| Código | X |
|----------|------|
| LF 219-1 | 500 |
| LF 219-2 | 1000 |
| LF 219-3 | 1200 |
| LF 219-4 | 1500 |
| LF 219-5 | 2000 |

Duto Modulado Alternado 3x25x70 mm

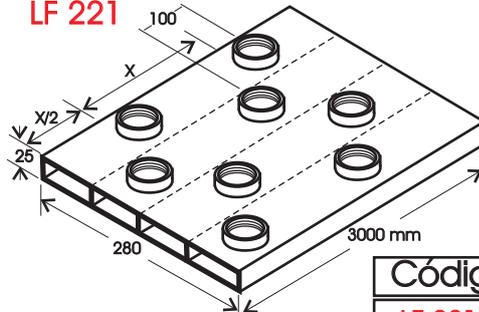
LF 220



| Código | X |
|----------|------|
| LF 220-1 | 500 |
| LF 220-2 | 1000 |
| LF 220-3 | 1200 |
| LF 220-4 | 1500 |
| LF 220-5 | 2000 |

Duto Modulado Alternado 4x25x70 mm

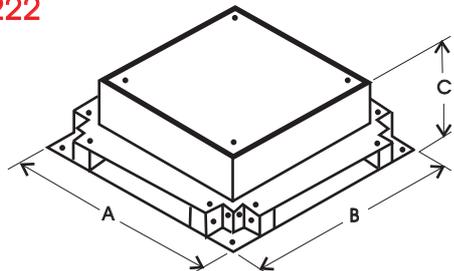
LF 221



| Código | X |
|----------|------|
| LF 221-1 | 500 |
| LF 221-2 | 1000 |
| LF 221-3 | 1200 |
| LF 221-4 | 1500 |
| LF 221-5 | 2000 |

Caixa de Passagem

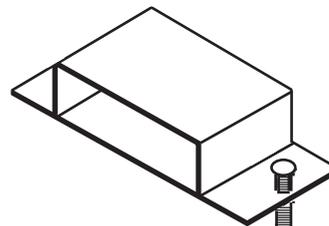
LF 222



| Duto | Código | A x B |
|---------|----------|-----------|
| 25x70 | LF 222-1 | 190 x 190 |
| 2x25x70 | LF 222-2 | 260 x 260 |
| 3x25x70 | LF 222-3 | 330 x 330 |
| 4x25x70 | LF 222-4 | 440 x 440 |

Junção Niveladora

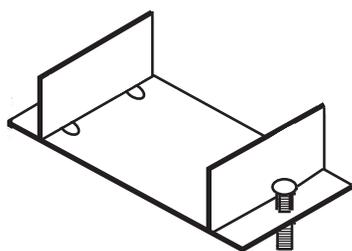
LF 223



| Duto | Código |
|---------|----------|
| 25x70 | LF 223-1 |
| 2x25x70 | LF 223-2 |
| 3x25x70 | LF 223-3 |
| 4x25x70 | LF 223-4 |

Nivelador

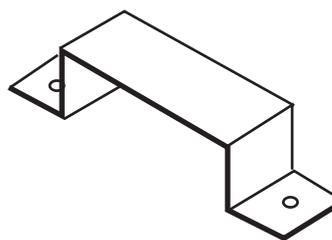
LF 224



| Duto | Código |
|---------|----------|
| 25x70 | LF 224-1 |
| 2x25x70 | LF 224-2 |
| 3x25x70 | LF 224-3 |
| 4x25x70 | LF 224-4 |

Suporte de Fixação

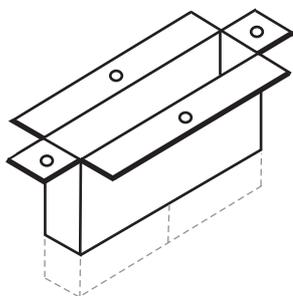
LF 225



| Duto | Código |
|---------|----------|
| 25x70 | LF 225-1 |
| 2x25x70 | LF 225-2 |
| 3x25x70 | LF 225-3 |
| 4x25x70 | LF 225-4 |

Flange

LF 226



| Duto | Código |
|---------|----------|
| 25x70 | LF 226-1 |
| 2x25x70 | LF 226-2 |
| 3x25x70 | LF 226-3 |
| 4x25x70 | LF 226-4 |

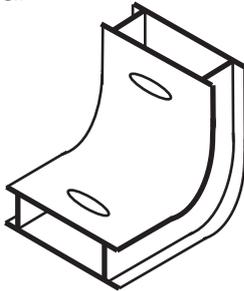
Curva Horizontal

LF 227 / LF 228



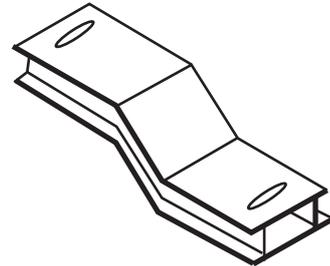
| Duto | Código | |
|--------|----------|----------|
| | 90° | 45° |
| 25x70 | LF 227-1 | LF 228-1 |
| 25x140 | LF 227-2 | LF 228-2 |
| 25x210 | LF 227-3 | LF 228-3 |
| 25x280 | LF 227-4 | LF 228-4 |

Curva Vertical
LF 229



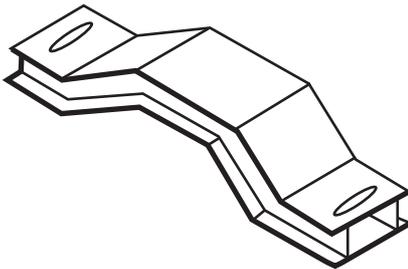
| Duto | Código |
|--------|----------|
| 25x70 | LF 229-1 |
| 25x140 | LF 229-2 |
| 25x210 | LF 229-3 |
| 25x280 | LF 229-4 |

Desvio Simples
LF 230



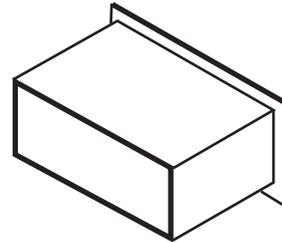
| Duto | Código |
|--------|----------|
| 25x70 | LF 230-1 |
| 25x140 | LF 230-2 |
| 25x210 | LF 230-3 |
| 25x280 | LF 230-4 |

Desvio Duplo
LF 231



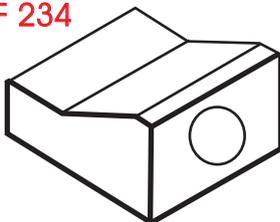
| Duto | Código |
|--------|----------|
| 25x70 | LF 231-1 |
| 25x140 | LF 231-2 |
| 25x210 | LF 231-3 |
| 25x280 | LF 231-4 |

Terminal
LF 232



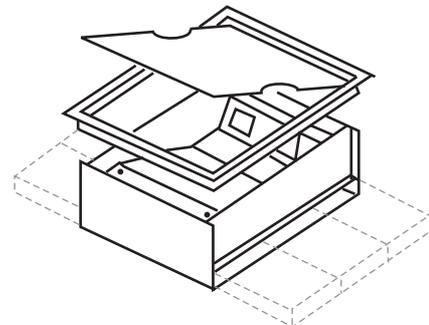
| Duto | Código |
|--------|----------|
| 25x70 | LF 232-1 |
| 25x140 | LF 232-2 |
| 25x210 | LF 232-3 |
| 25x280 | LF 232-4 |

Conector Duto / Eletroduto
LF 233 / LF 234



| Duto | Código | |
|--------|----------|----------|
| | Ø 3/4" | Ø 1" |
| 25x70 | LF 233-1 | LF 234-1 |
| 25x140 | LF 233-2 | LF 234-2 |
| 25x210 | LF 233-3 | LF 234-3 |
| 25x280 | LF 233-4 | LF 234-4 |

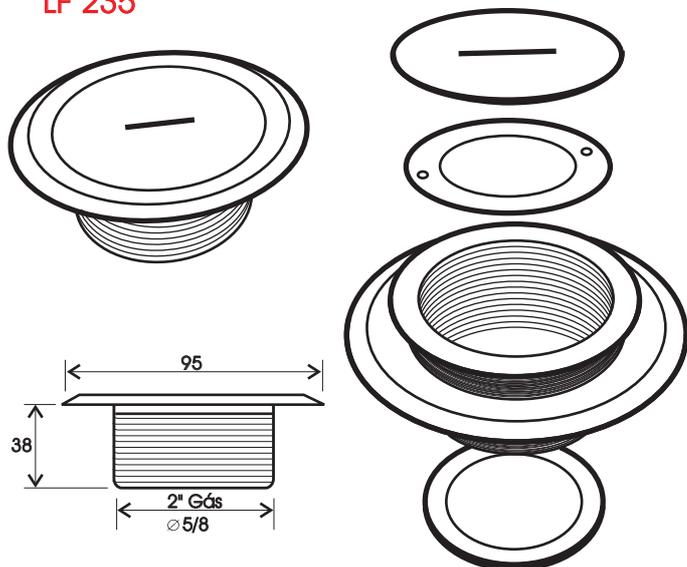
Caixa de Tomada para Duto de Piso



| Duto | Código |
|---------|------------|
| 2x25x70 | LF 1100 DP |
| 3x25x70 | LF 1200 DP |
| 4x25x70 | LF 1300 DP |

Tomada de Latão

LF 235



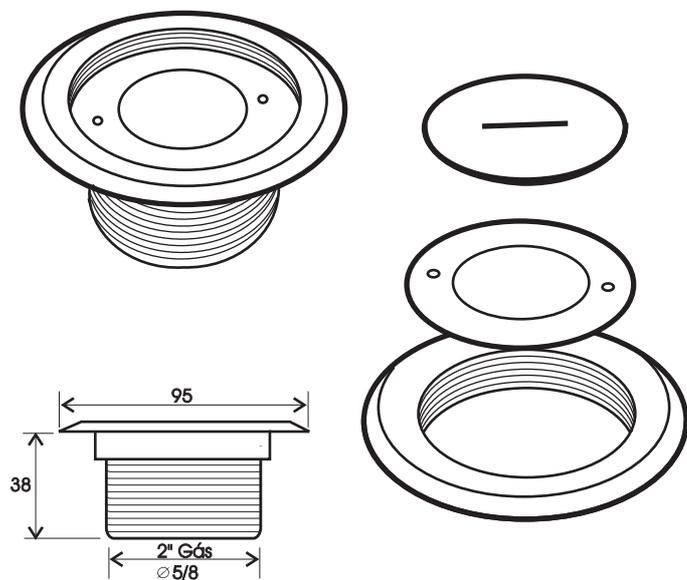
| Código | Descrição |
|-----------------|---|
| LF 235 | Tampa (Latão) |
| | Anel Fixação Superior (Aço Latonado) |
| | Anel Fixação p/ RJ 45 (Aço Latonado) |
| | Corpo (Latão) |
| | Anel de Arremate (Latão) |
| | Anel de fixação Inferior (Aço Latonado) |
| LF 235-1 | Suprte p/ RJ 45 (Latão) |
| LF 235-2 | Suporte p/ RJ 45 (Nylon) |
| LF 235-3 | Suporte p/ Tomada (Nylon) |

Tomada Mista

LF 236

Tomada de Nylon

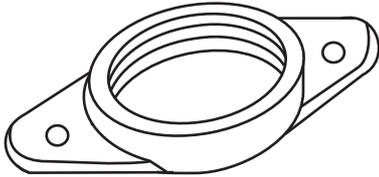
LF 237



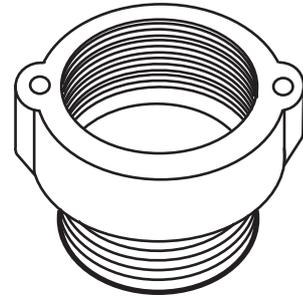
| Tomada Mista | |
|-----------------|---|
| Código | Descrição |
| LF 236 | Tampa (Latão) |
| | Anel Fixação Tomada (Aço Latonado) |
| | Anel Fixação p/ RJ 45 (Aço Latonado) |
| | Anel de Arremate (Latão) |
| | Corpo (Nylon) |
| | Anel de fixação Inferior (Aço Latonado) |
| LF 236-1 | Suprte p/ RJ 45 (Latão) |
| LF 236-2 | Suporte p/ RJ 45 (Nylon) |
| LF 236-3 | Suporte p/ Tomada (Nylon) |

| Tomada de Nylon | |
|-----------------|-----------------------------------|
| Código | Descrição |
| LF 237 | Tampa (Nylon) |
| | Anel de Fixação p/ Tomada (Nylon) |
| | Anel de fixação p/ RJ 45 (Nylon) |
| | Anel de Arremate (Nylon) |
| | Corpo (Nylon) |
| | Anel de fixação Inferior (Nylon) |
| LF 237-1 | Suprte p/ RJ 45 (Latão) |
| LF 237-2 | Suporte p/ RJ 45 (Nylon) |
| LF 237-3 | Suporte p/ Tomada (Nylon) |

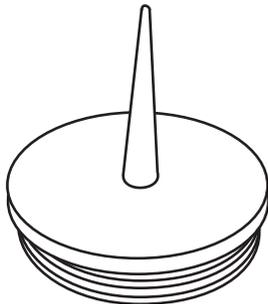
Luva
LF 238



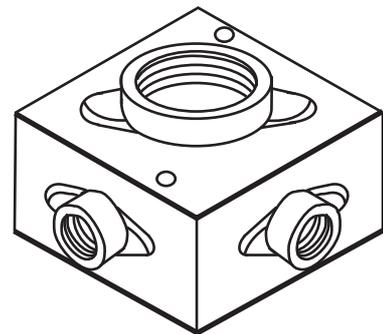
Prolongador
LF 239



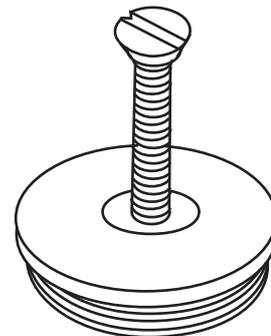
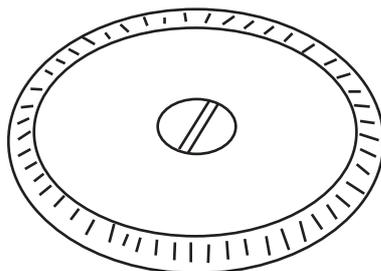
Tampão Indicador
LF 240



Caixa Derivada
LF 241



Tampão de Arremate
LF 242



CAIXAS DE TOMADAS PARA PISO

Corpo: Fabricada em aço carbono galvanizado a fogo.

Tampa basculante: Fabricada em alumínio fundido.

Suporte ou base para tomadas: Fabricada em aço carbono galvanizado a fogo com furações para tomadas elétricas, telefônicas e conectores de dados qualquer marca.

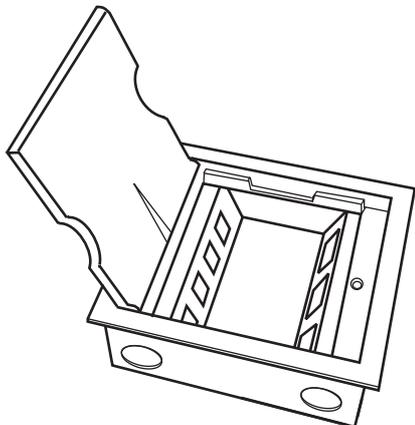
Dimensões: 3 tomadas elétricas e 4 RJ 45 – 165x145x65 mm

4 tomadas elétricas e 5 RJ 45 – 165x165x65 mm

5 tomadas elétricas e 6 RJ 45 – 215x215x65 mm

Obs: A tampa basculante tem como acabamento pintura eletrostática a pó nas cores: grafite, cinza médio, preto, branco, bege e outras cores sob consulta.

Caixa de tomada para Piso Elevado ou Embutir no Piso



Caixa de Tomada para Piso Elevado

Pequena - 3 elétricas e 4 RJ 45 - **LF 1100 PE**

Média - 4 elétricas e 5 RJ 45 - **LF 1200 PE**

Grande - 5 elétricas e 6 RJ 45 - **LF 1300 PE**

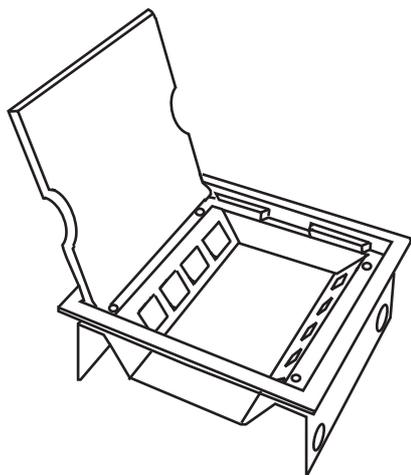
Caixa de Tomada para Embutir no Piso

Pequena - 3 elétricas e 4 RJ 45 - **LF 1100 EP**

Média - 4 elétricas e 5 RJ 45 - **LF 1200 EP**

Grande - 5 elétricas e 6 RJ 45 - **LF 1300 EP**

Caixa de tomada Tipo Tampa e Base



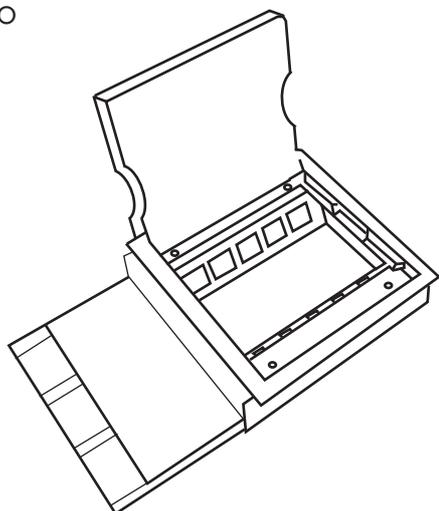
Caixa de Tomada Tipo Tampa e Base

Pequena - 3 elétricas e 4 RJ 45 - **LF 1100 TB**

Média - 4 elétricas e 5 RJ 45 - **LF 1200 TB**

Grande - 5 elétricas e 6 RJ 45 - **LF 1300TB**

Caixa de Tomada para Duto de Piso



Caixa de Tomada para Duto de Piso

Pequena - 3 elétricas e 4 RJ 45 - **LF 1100 DP**

Média - 4 elétricas e 5 RJ 45 - **LF 1200 DP**

Grande - 5 elétricas e 6 RJ 45 - **LF 1300DP**

RODAPÉS

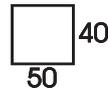
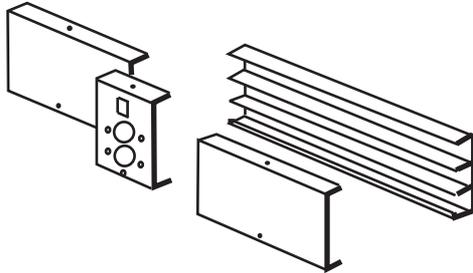
Os Rodapés são utilizados como alternativa a sistema de dutos embutidos, se tornando uma excelente opção na distribuição de fios e cabos em lugares onde não se permitem reformas, pois devido a sua praticidade de instalação não é necessário a interrupção das atividades. Pode ser aplicados em indústrias, escritórios, hotéis, bancos, hospitais.

Fabricados em aço pré zincado a fogo ou alumínio.

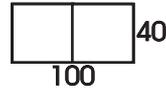
Acabamentos: Pintura eletrostática a pó, nas cores grafite, cinza médio, preto, branco e bege ou anodização no caso do alumínio.

Rodapé Tampa de Aparafusar

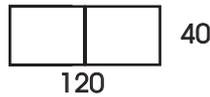
LF 1264



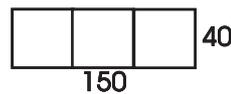
Simple - **LF 1264-1**



Duplo - **LF 1264-2**



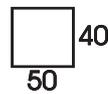
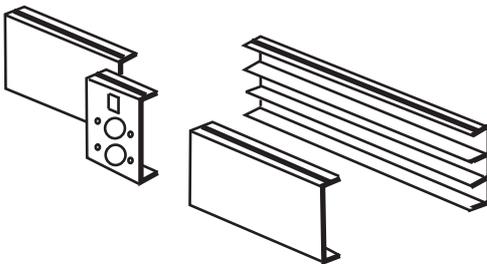
Duplo - **LF 1264-3**



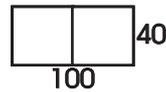
Tripla - **LF 1264-4**

Rodapé Tampa de Pressão

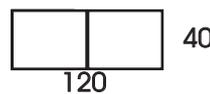
LF 1266



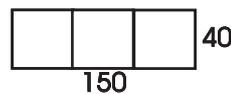
Simple - **LF 1266-1**



Duplo - **LF 1266-2**



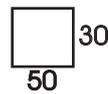
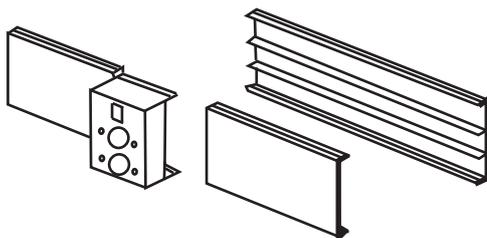
Duplo - **LF 1266-3**



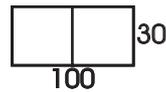
Tripla - **LF 1266-4**

Rodapé Tampa de Pressão

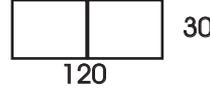
LF 1268



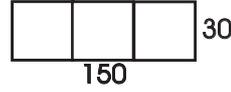
Simple - **LF 1268-1**



Duplo - **LF 1268-2**



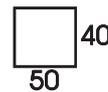
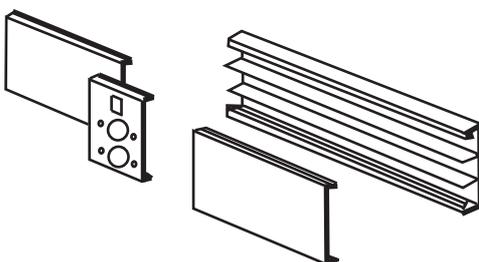
Duplo - **LF 1268-3**



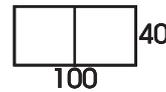
Tripla - **LF 1268-4**

Rodapé Tampa de Pressão Especial

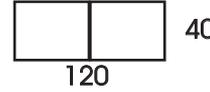
LF 1269



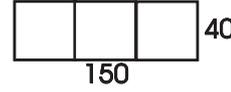
Simple - **LF 1269-1**



Duplo - **LF 1269-2**

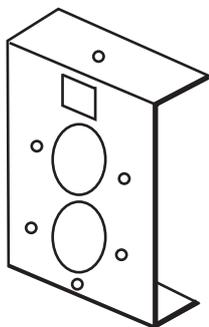


Duplo - **LF 1269-3**

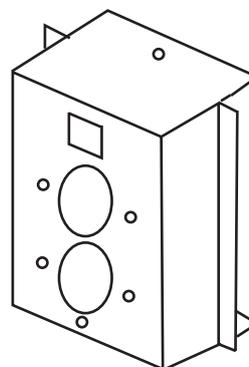


Tripla - **LF 1269-4**

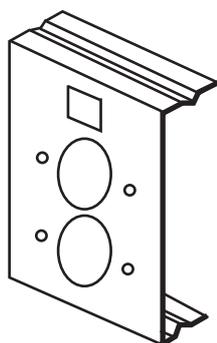
Módulo para Tampa Aparafusada
LF 1270



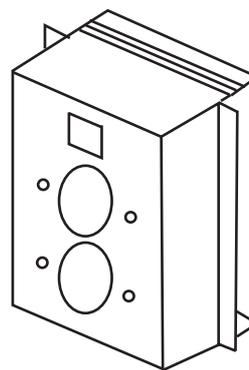
Módulo Tipo Caixa para Tampa Aparafusada
LF 1270-1



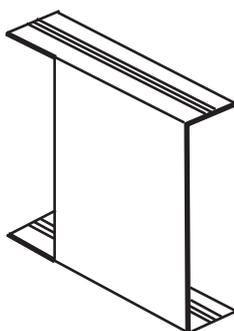
Módulo para Tampa de Pressão
LF 1271



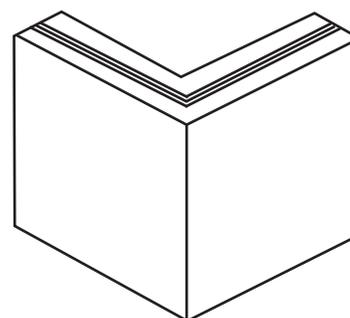
Modulo Tipo Caixa para Tampa de Pressão
LF 1271-1



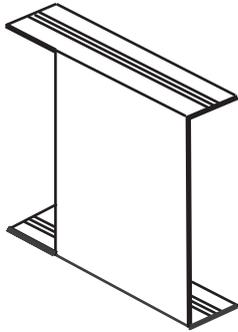
Tampa para Cotovelo Interno
LF 1272



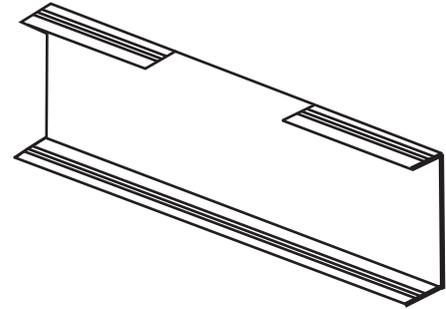
Tampa para Cotovelo Externo
LF 1273



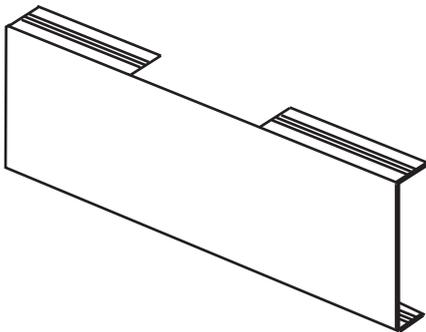
Tampa para Tê Horizontal
LF 1274



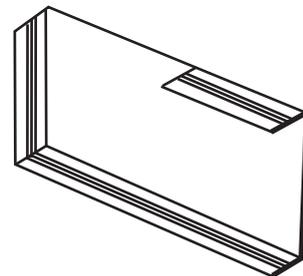
Corpo para Tê Vertical
LF 1275



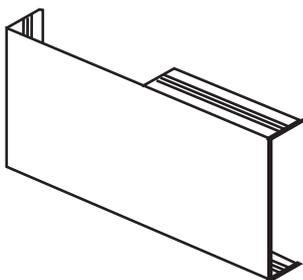
Tampa para Tê Vertical
LF 1275-1



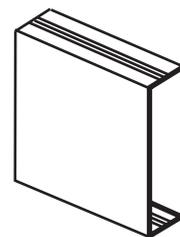
Corpo para Cotovelo Vertical
LF 1276



Tampa para Cotovelo Vertical
LF 1276-1



Tampa Terminal
LF 1277



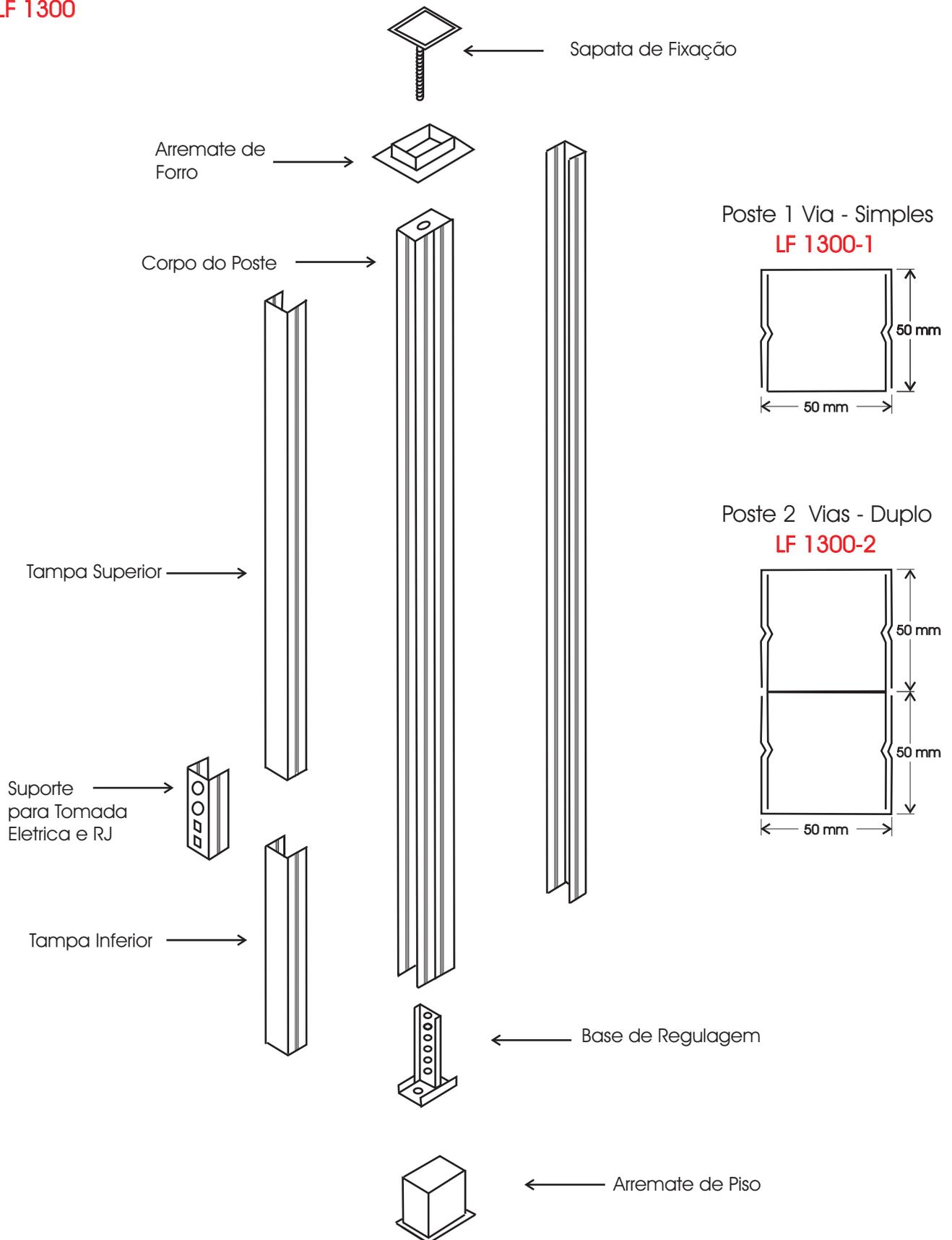
POSTE CONDUTOR

O poste condutor foi desenvolvido para alimentar pelo teto sistemas de energia, dados e voz para mesas ou estações de trabalho em escritórios, lojas caixas, balcões de atendimento, etc. Localizados em áreas distantes da parede.

Pode ser usado em obras novas ou reformas, pois sua fixação é feita de maneira simples (sob pressão), sem a necessidade do uso de parafusos e buchas.

O poste condutor é fabricado com tampa de pressão em aço carbono galvanizado a fogo com acabamento em pintura eletrostática a pó nas cores grafite, cinza médio, preto, branco, bege, e outras cores sob consulta, dando assim um excelente acabamento.

Poste Condutor
LF 1300



CALHAS PARA PISO

As calhas para piso são indicadas para instalações elétrica, telefônicas e dados. Com as calhas de piso é possível aliar mobilidade do piso elevado ao custo mais atraente do sistema de dutos embutidos.

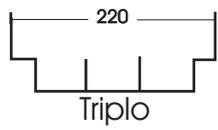
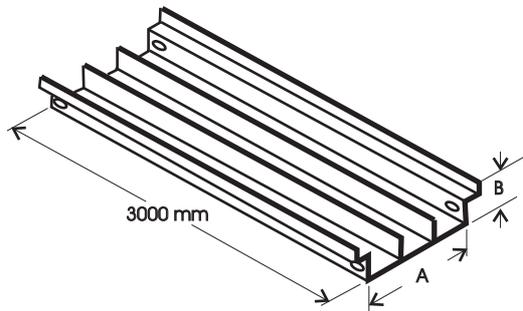
É uma boa opção em edifícios modernos que exigem sistemas especiais diferentes dos modelos convencionais.

As calhas para piso são fabricadas em aço carbono pré zincado a fogo. São compostas por 2, 3 ou 4 vias e possuem tampas intercambiáveis que permitem flexibilidade, funcionalidade e praticidade. Possuem uma ampla linha de acessórios necessários para a instalação.

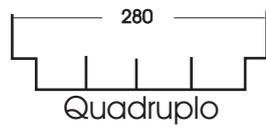
Fabricamos outras medidas sob consulta.

Calha para Piso

LF 306



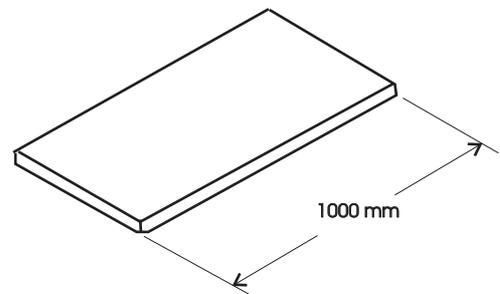
LF 306-1



LF 306-2

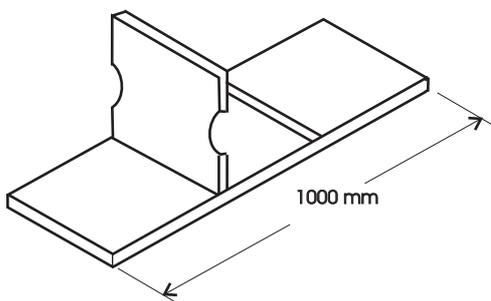
Tampa Lisa

LF 307



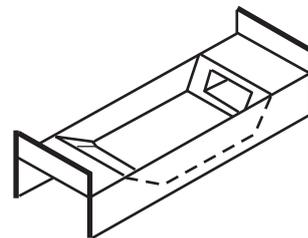
Tampa Móvel

LF 308



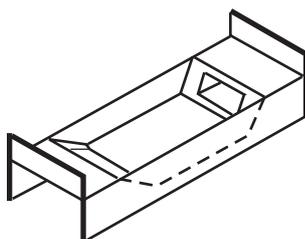
Suporte para Tomadas Elétrica

LF 309



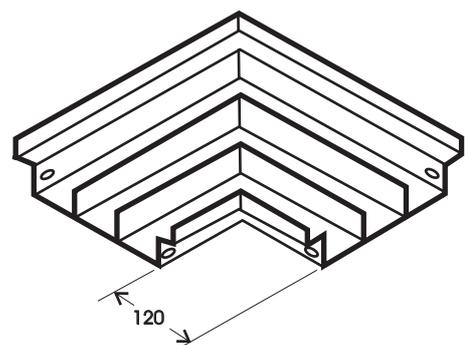
Suporte para Dados

LF 310

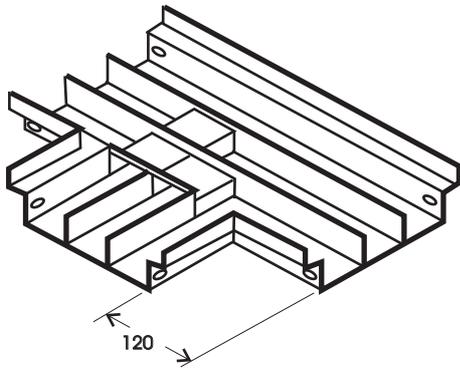


Cotovelo Reto

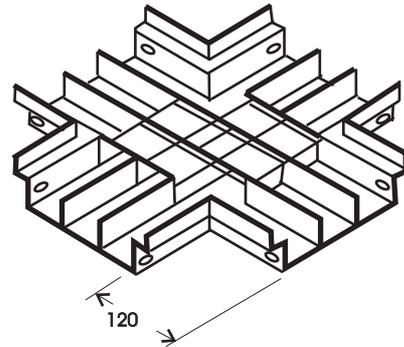
LF 311



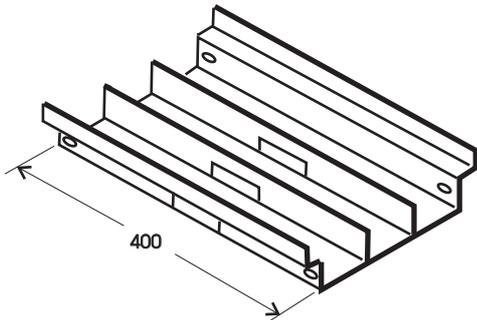
Tê Reto
LF 312



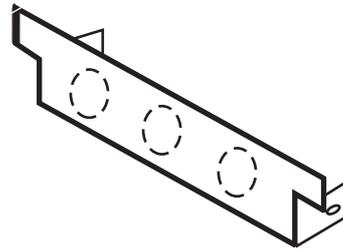
Cruzeta Reta
LF 313



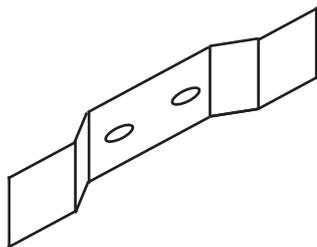
Derivação Lateral
LF 314



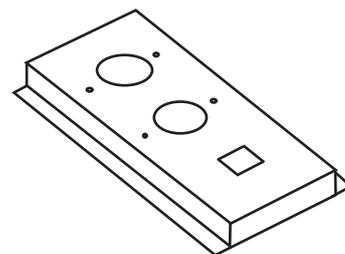
Terminal
LF 315



Junção Grapa
LF 316



Modulo para Tomadas
LF 317



CALHAS ARAMADAS

As calhas aramadas é uma excelente alternativa para instalações em indústrias alimentícias, laboratórios, frigoríficos, etc., pois além de reter pouca sujeira permitem lavagens e desinfecções constantes.

Fabricadas com vergalhões de aço carbono ou aço inoxidável, possui acessórios curvos o que facilita os serviços de montagem e proporcionam uma melhor acomodação aos fios e cabos.

Podem ser utilizadas também sob piso elevado devido a sua grande praticidade de montagem e excelente refrigeração dos cabos.

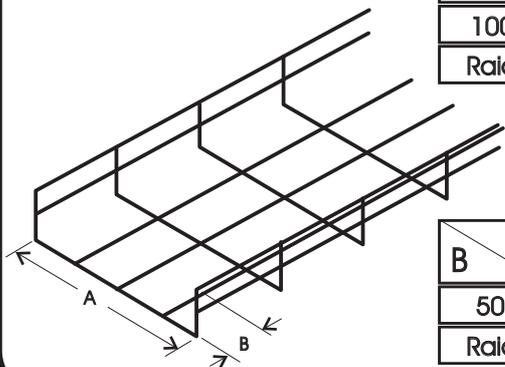
Acabamentos: Galvanização eletrolítica, galvanização a fogo e pintura eletrostática a pó. Para o aço inoxidável o acabamento pode ser decapagem ou eletropolimento.

Calha Aramada e Calha aramada Leve

LF 1400 / LF 1420

Calha Aramada

| B \ A | 50 | 100 | 150 | 200 | 250 | 300 | 400 | 500 |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 50 | LF 1401 | LF 1402 | LF 1403 | LF 1404 | LF 1405 | LF 1406 | LF 1407 | LF 1408 |
| 100 | | LF 1409 | LF 1410 | LF 1411 | LF 1412 | LF 1413 | LF 1414 | LF 1415 |
| Raio | 200 | | | | | | | |

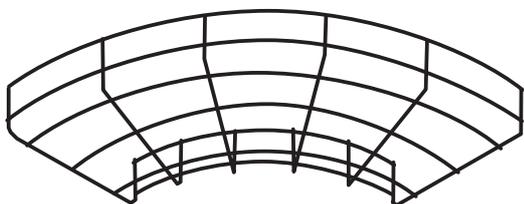


Calha Aramada Leve

| B \ A | 50 | 100 | 150 | 200 | 250 | 300 | 400 | 500 |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 50 | LF 1421 | LF 1422 | LF 1423 | LF 1424 | LF 1425 | LF 1426 | LF 1427 | LF 1428 |
| Raio | 200 | | | | | | | |

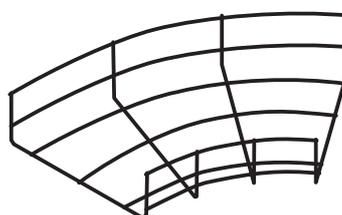
Curva Horizontal 90°

LF 1430



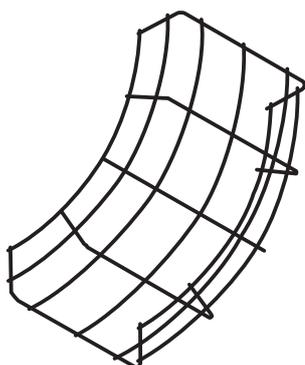
Curva Horizontal 45°

LF 1431



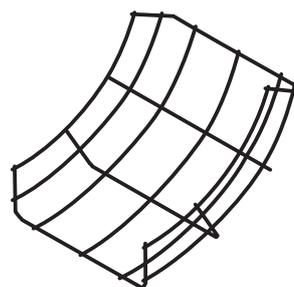
Curva Vertical Interna 90°

LF 1432



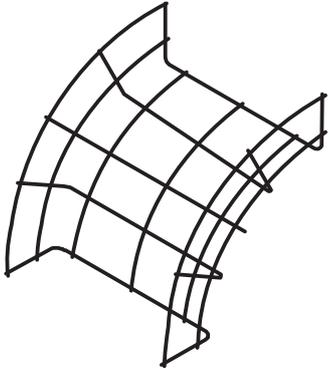
Curva Vertical Interna 45°

LF 1433



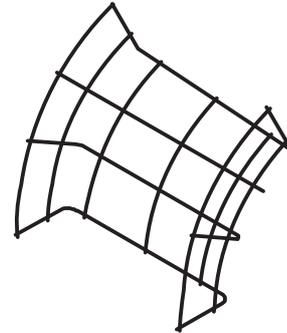
Curva Vertical Externa 90°

LF 1434



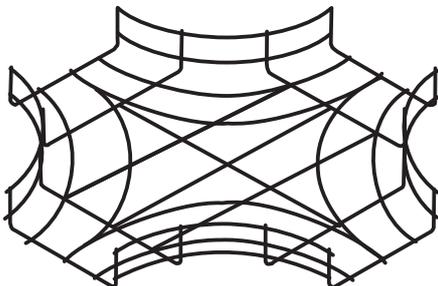
Curva Vertical Externa 45°

LF 1435



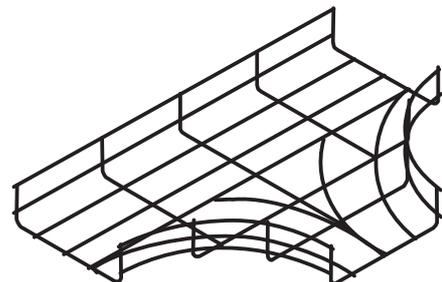
Cruzeta Horizontal

LF 1436



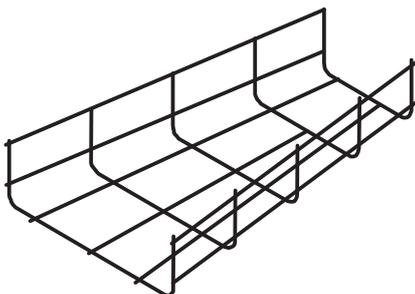
Tê Horizontal

LF 1437



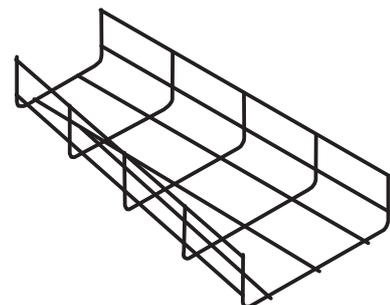
Redução Concêntrica

LF 1438

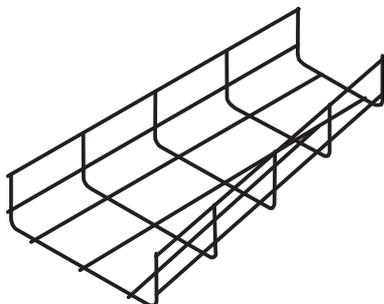


Redução a Direita

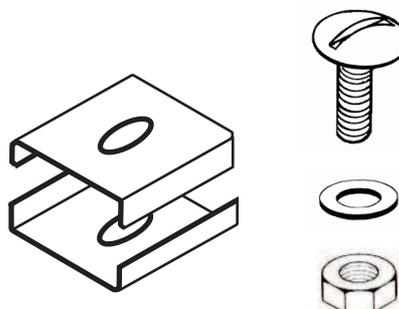
LF 1439



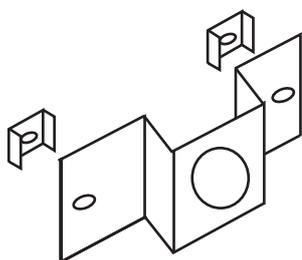
Redução a Esquerda
LF 1440



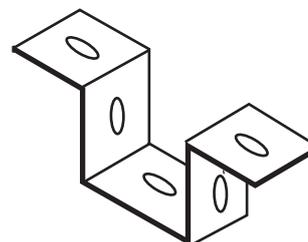
Junção para Emenda
LF 1441



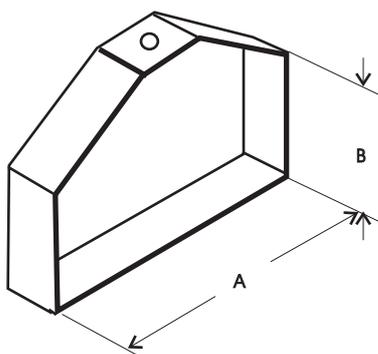
Saida Lateral para Eletroduto
LF 1442



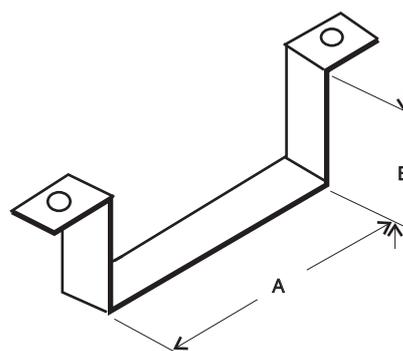
Cantoneira ZZ
LF 1443



Suporte Balanço
LF 1444



Suporte Duplo
LF 1445



LEITOS PARA CABOS

Os Leitos para cabos são utilizados quando é necessário a distribuição de grandes quantidade de cabos.

São fabricados em aço carbono, aço inoxidável ou alumínio dependendo do ambiente que serão utilizados, constituídos por 2 longarinas longitudinais, unidas por travessas, garantindo assim elevada resistência, e minimizando o aquecimento dos fios.

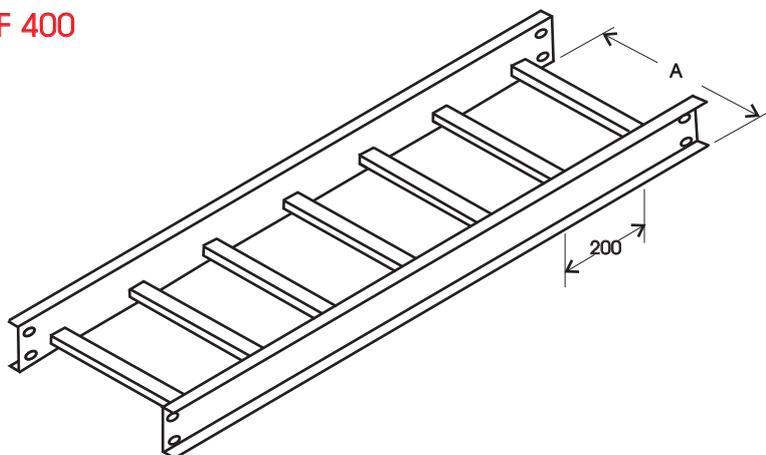
Podem ser do tipo leve, médio, standard, pesado ou ainda extra-pesado de acordo com a necessidade de cada cliente.

Os Leitos metálicos Lifer são fornecidos com abas voltadas para parte interna ou externa, e possuem uma completa linha de acessórios.

Acabamentos Opcionais: Galvanização eletrolítica, zincagem a fogo por imersão ou pintura eletrostática a pó.

Leito Leve
Longarinas 60x20 mm - Travessas 20x10 mm

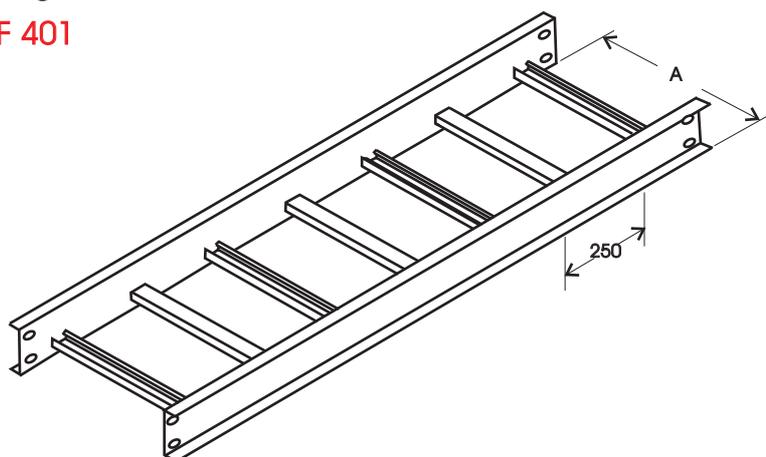
LF 400



| Medida A | Código |
|----------|----------|
| 200 | LF 400-1 |
| 300 | LF 400-2 |
| 400 | LF 400-3 |
| 500 | LF 400-4 |
| 600 | LF 400-5 |
| 750 | LF 400-6 |

Leito Médio
Longarinas 75x19 mm - Travessas 38x19 mm

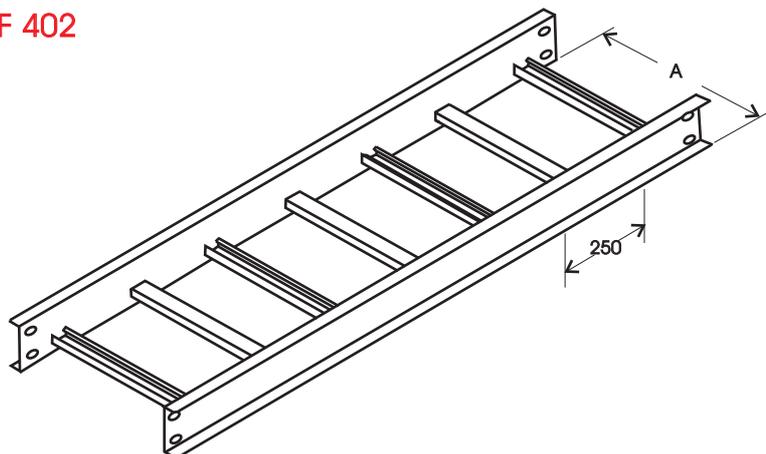
LF 401



| Medida A | Código |
|----------|----------|
| 200 | LF 401-1 |
| 300 | LF 401-2 |
| 400 | LF 401-3 |
| 500 | LF 401-4 |
| 600 | LF 401-5 |
| 750 | LF 401-6 |
| 1000 | LF 401-7 |
| 1200 | LF 401-8 |

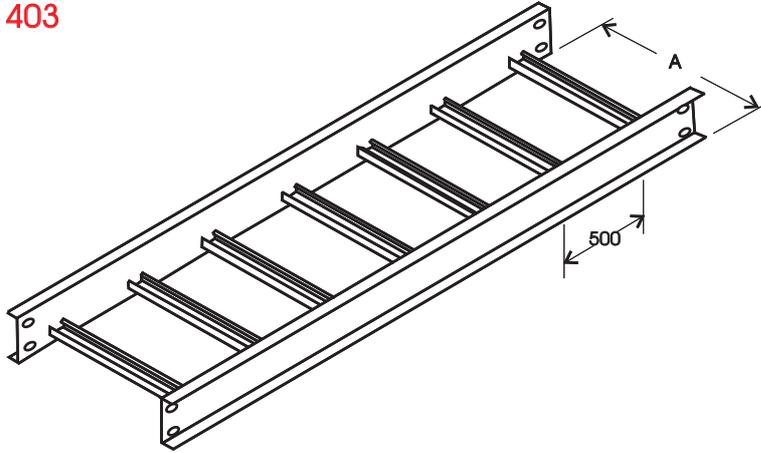
Leito Standard
Longarinas 100x19 mm - Travessas 38x19 mm

LF 402



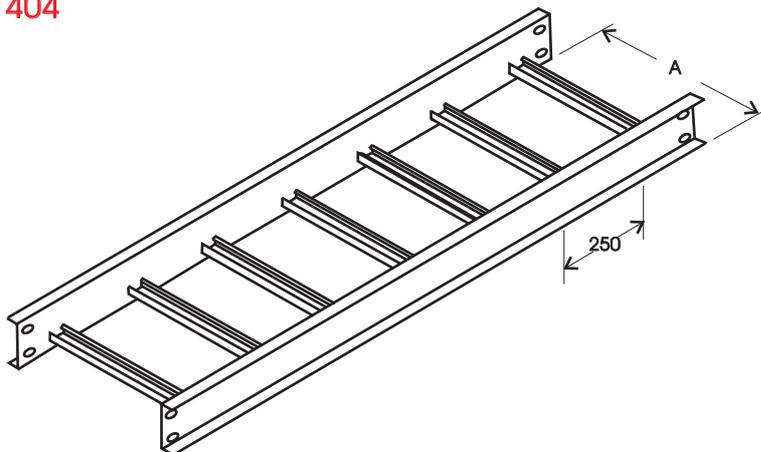
| Medida A | Código |
|----------|----------|
| 200 | LF 402-1 |
| 300 | LF 402-2 |
| 400 | LF 402-3 |
| 500 | LF 402-4 |
| 600 | LF 402-5 |
| 750 | LF 402-6 |
| 1000 | LF 402-7 |
| 1200 | LF 402-8 |

Leito Pesado
 Longarinas 100x25 mm - Travessas 38x38 mm
LF 403



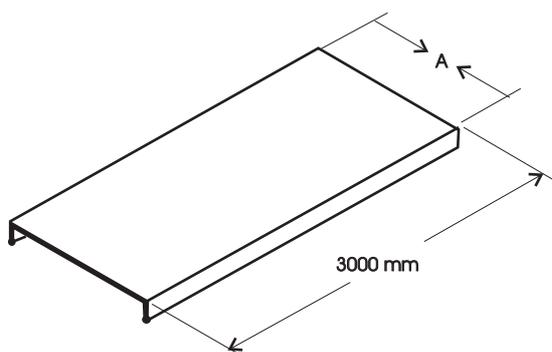
| Medida A | Código |
|----------|----------|
| 200 | LF 403-1 |
| 300 | LF 403-2 |
| 400 | LF 403-3 |
| 500 | LF 403-4 |
| 600 | LF 403-5 |
| 750 | LF 403-6 |
| 1000 | LF 403-7 |
| 1200 | LF 403-8 |

Leito Extra Pesado
 Longarinas 100x45 mm - Travessas 38x38 mm
LF 404

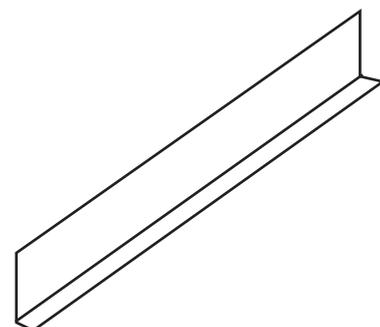


| Medida A | Código |
|----------|----------|
| 200 | LF 404-1 |
| 300 | LF 404-2 |
| 400 | LF 404-3 |
| 500 | LF 404-4 |
| 600 | LF 404-5 |
| 750 | LF 404-6 |
| 1000 | LF 404-7 |
| 1200 | LF 404-8 |

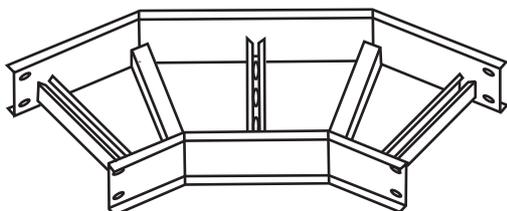
Tampa de Encaixe
LF 405



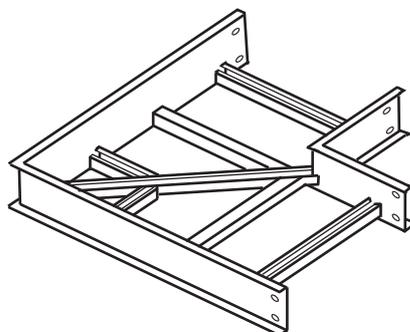
Divisor
LF 406



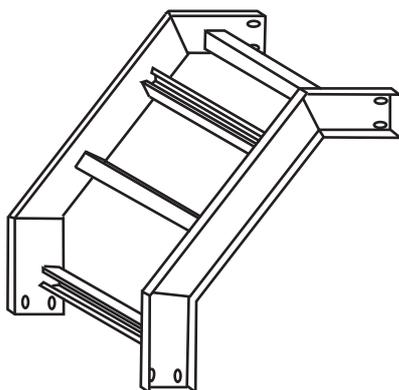
Curva Horizontal
LF 407



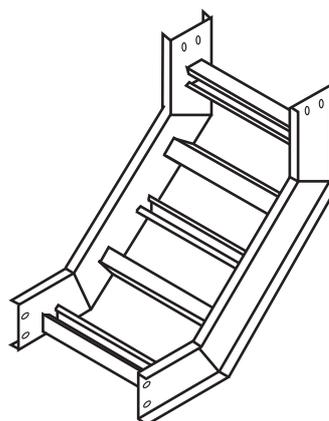
Cotovelo Reto
LF 408



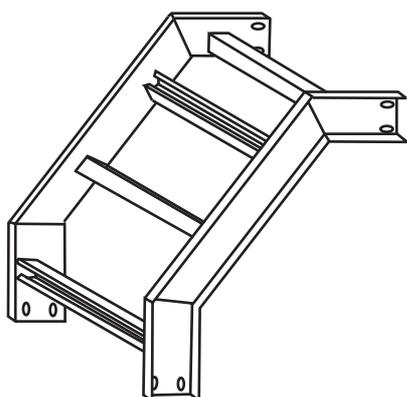
Curva Vertical Externa
LF 409



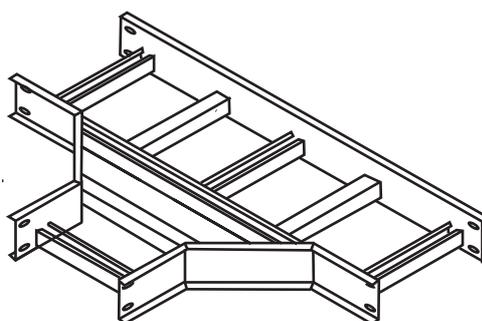
Curva Vertical Interna
LF 410



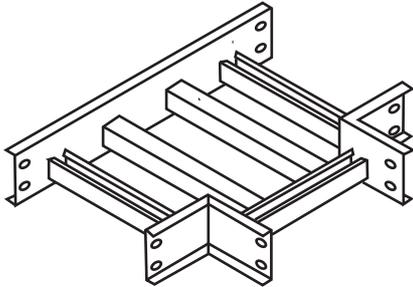
Curva de Inversão
LF 411



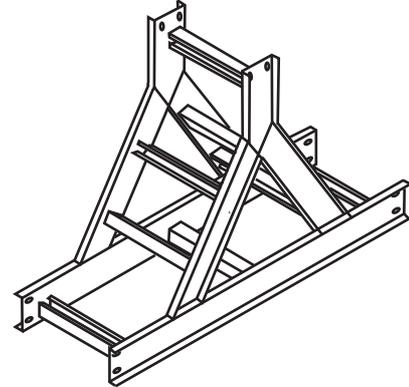
Tê Horizontal
LF 412



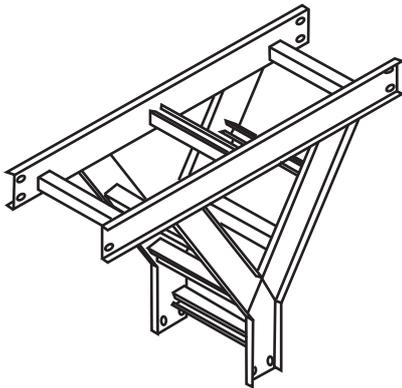
Tê Reto
LF 413



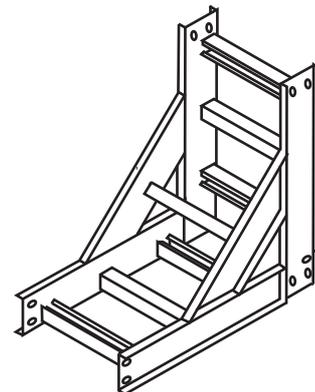
Tê Vertical de Subida
LF 414



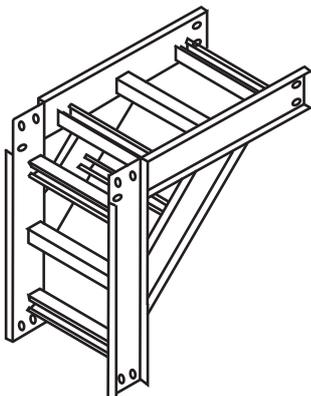
Tê Vertical de Descida
LF 415



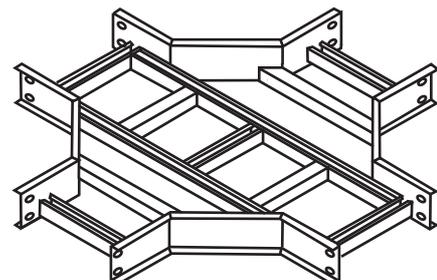
Curva de Passagem Reto de Subida
LF 416



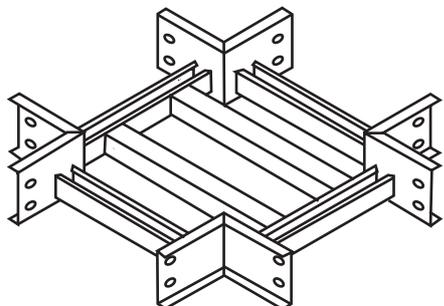
Curva de Passagem Reto de Descida
LF 417



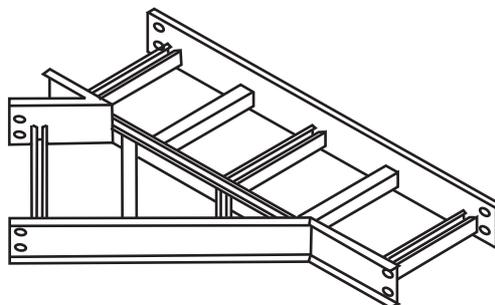
Cruzeta Horizontal
LF 418



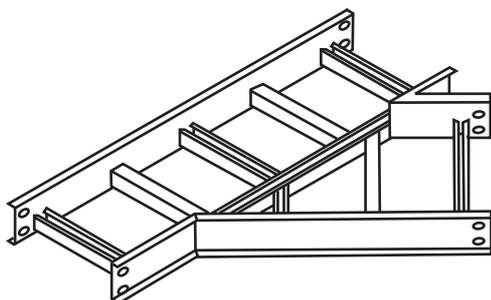
Cruzeta Reta
LF 419



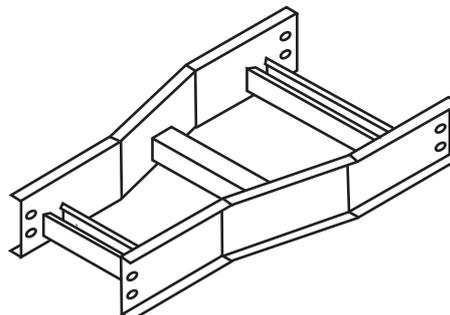
Junção 45° à Esquerda
LF 420



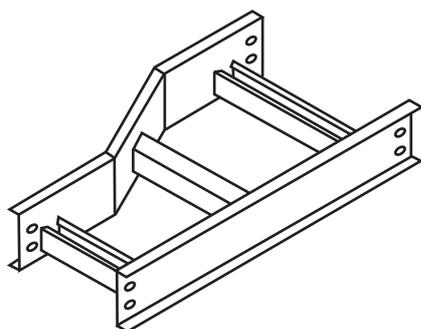
Junção 45° à Direita
LF 421



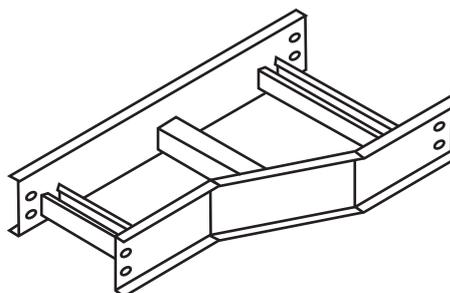
Redução Concêntrica
LF 422



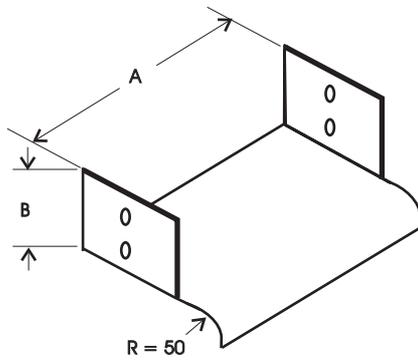
Redução à Esquerda
LF 423



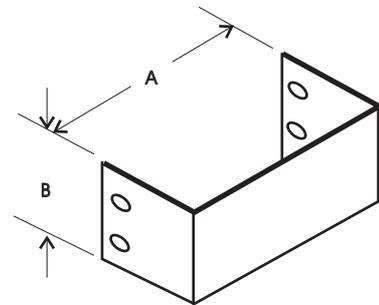
Redução à Direita
LF 424



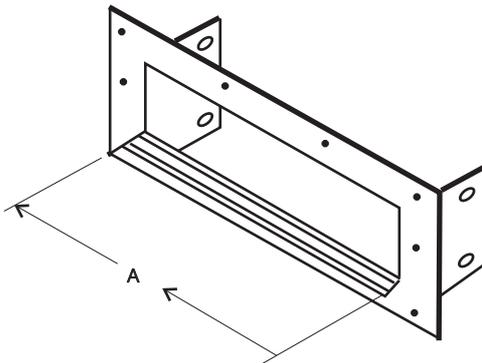
Gotejador
LF 425



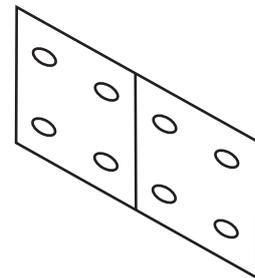
Terminal
LF 426



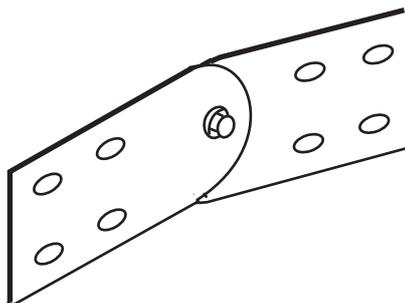
Flange para Painel
LF 427



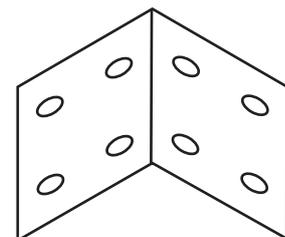
Emenda Simples
LF 428



Emenda Articulada
LF 429

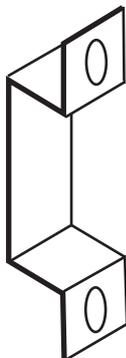


Emenda 90°
LF 430



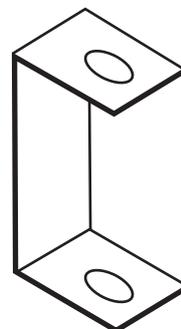
Suporte de Fixação

LF 431



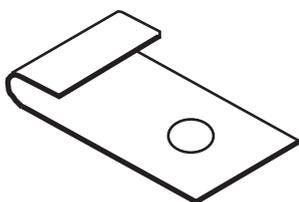
Suporte de Suspensão

LF 432



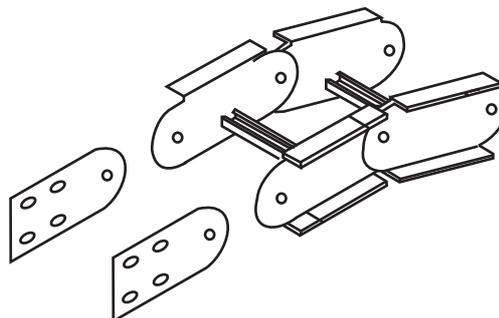
Presilha

LF 433



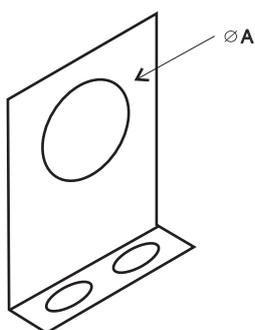
Curva Articulada

LF 434



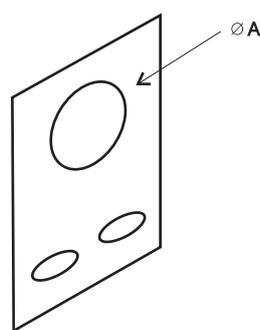
Saida Vertical para Eletroduto

LF 435



Saida Horizontal para Eletroduto

LF 436



ESTEIRA PARA TELECOMUNICAÇÃO

As esteiras para Telecomunicação são utilizadas como suporte para acomodar cabos.

São fabricadas com barras chata de aço carbono 1010/1020 em diversas medidas e com uma completa linha de acessórios, atendendo as mais variadas possibilidades de montagens, proporcionando uma excelente funcionabilidade e acomodação de cabos.

Acabamentos: Galvanização eletrolítica, galvanização a fogo ou pintura eletrostática.

Esteira para Telecomunicação
LF 500

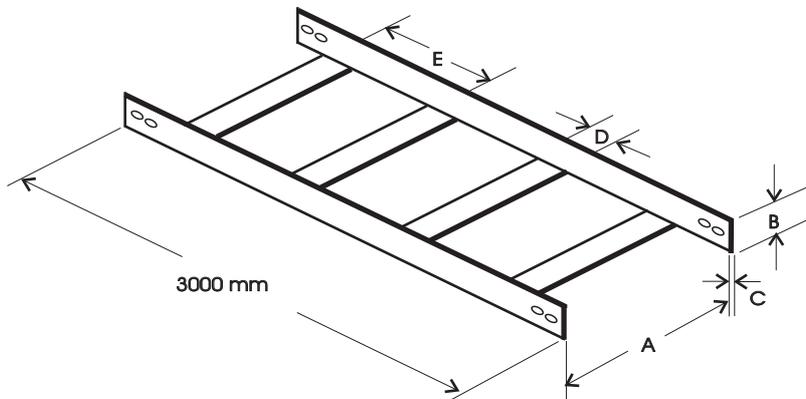


Tabela p/ Esteiras

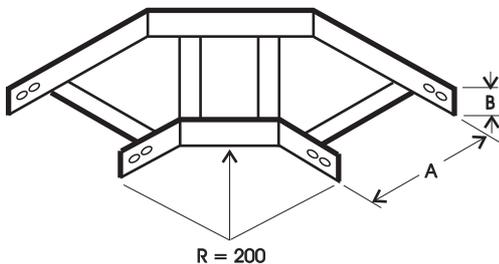
| A | B | C | D | E | |
|-----|----------------|----------------|------------|---------------------------|---------------------------|
| 100 | | | | | |
| 200 | 32 (1.1/4") | 4,7 (3/16") | 25 (1") | 200 mm LF 500-1 | |
| 300 | | | | | |
| 350 | | | | | |
| 400 | 38 (1.1/2") | 6,35 (1/4") | | | 250 mm LF 500-2 |
| 500 | | | | | |
| 600 | | | | | |
| 700 | | | | | |
| 800 | | | | | |

Curva horizontal 90°

LF 501

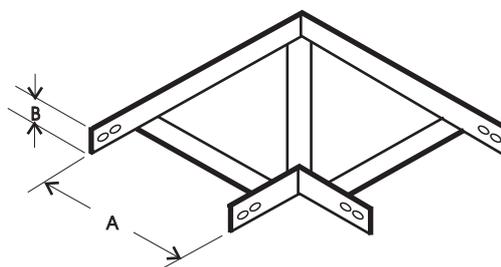
Curva horizontal 45°

LF 502



Cotovelo Reto

LF 503

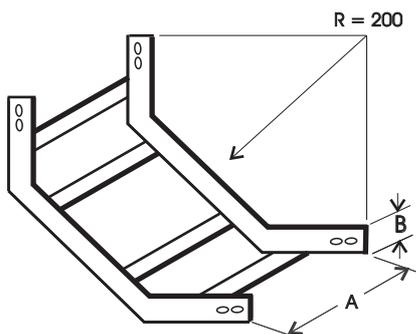


Curva Vertical Interna 90°

LF 504

Curva Vertical Interna 45°

LF 505

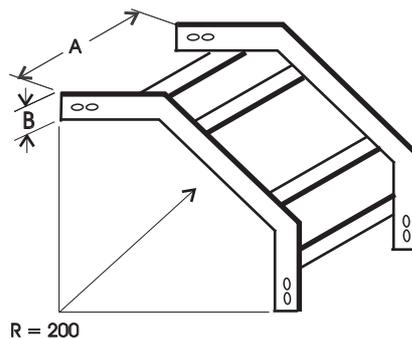


Curva Vertical Externa 90°

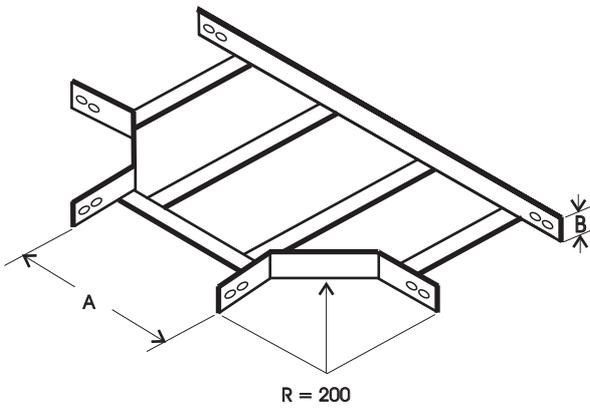
LF 506

Curva Vertical Externa 45°

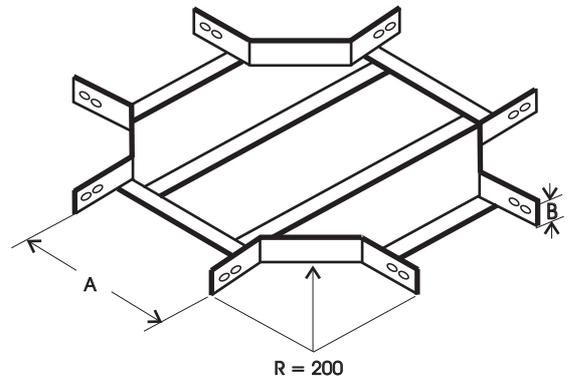
LF 507



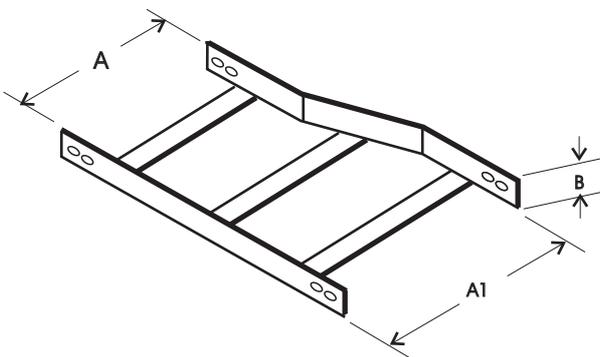
Tê Horizontal
LF 508



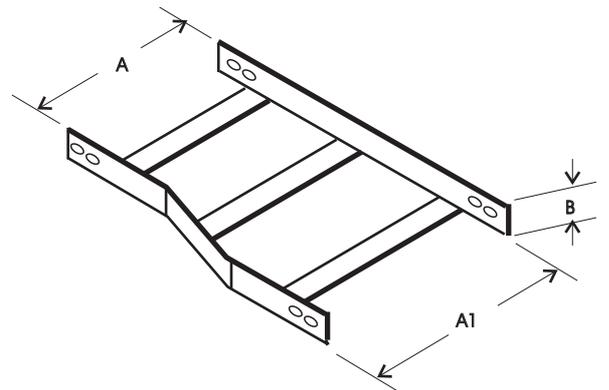
Cruzeta Horizontal
LF 509



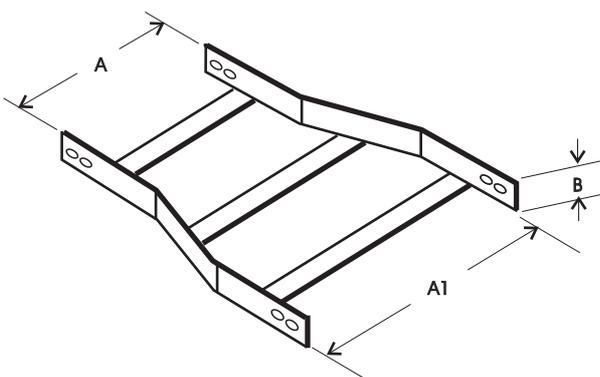
Redução à Esquerda
LF 510



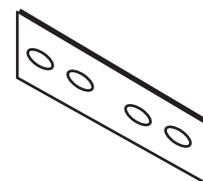
Redução à Direita
LF 511



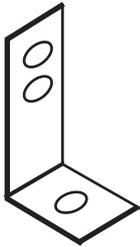
Redução Concêntrica
LF 512



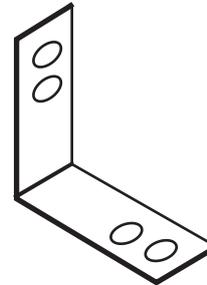
Tala p/ Emenda
LF 513



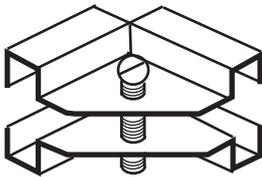
Junção L
LF 514



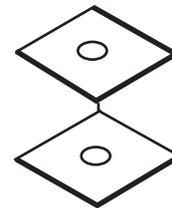
Junção LL
LF 515



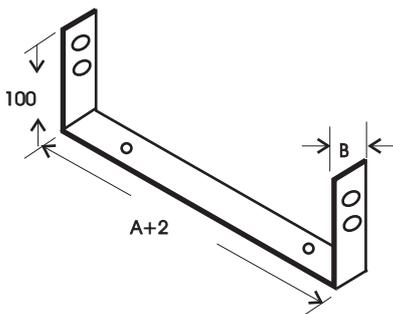
Junção Horizontal
LF 516



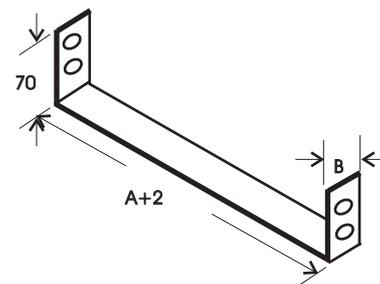
Suporte para Sustentação
LF 517



Terminal para Fixação
LF 518



Terminal
LF 519





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