



Telefones: (11) 2126-3333, (11) 5641-5090

Calhas Kennedy

www.calhaskennedy.com.br





A **Calhas Kennedy** é conhecida tradicionalmente desde a sua fundação em 1990 com calhas para águas pluviais, rufos, etc.

Em 1998, ampliou sua linha de fabricação com produtos que abrangem o mercado de construção civil nas áreas de instalações elétricas, hidráulicas, mecânica, instrumentação, automação, etc, sendo eles: Eletrocalhas, perfilados, leitos para cabos, rodapés metálicos, dutos de piso e completa linha de acessórios e conexões para os mesmos.

Esses produtos são utilizados para passagem de fios e cabos em construções, reformas ou ampliações, podendo ser utilizado em: galpões industriais, edifícios residenciais e comerciais, shopping centers, hospitais, teatros, supermercados, centros de convenções, lojas, concessionárias de energia elétrica, etc.

Nosso setor fabril conta com 5.000 m² de área construída e alto estoque permanente, para agilizar o processo de produção.

Todas as matérias primas empregadas no nosso processo produtivo são fornecidos diretamente pelos principais produtores nacionais de aço.

A matéria prima padrão utilizada é o aço SAE 1008/1010 (baixo teor de carbono), pré-galvanizado a fogo direto da usina (NBR 7008) com banho em zinco fundido, cuja empresa fornecedora possui certificação ISO 9001, da qualidade, ISO 14001, da gestão ambiental e OHSAS 18001, de gestão de segurança e da saúde.

A opção pela produção dos nossos produtos em aço pré-galvanizado, tem como finalidade atingir um nível superior de qualidade, oferecendo materiais que tem massa de zinco superior ao apresentado pelo processo eletrolítico. Dessa forma, fornece além de todas as vantagens econômicas, prazo e excelente padrão de acabamento.

Atendemos conforme necessidade do cliente, materiais com os seguintes acabamentos:

- Alumínio;
- Galvanizado a Fogo (NBR 6323);
- Inox;
- Pré-zincado a Fogo (NBR 7008);
- Pintura eletrostática.

Sendo assim, apresentamos nosso novo catálogo de produtos dividido nas seguintes seções:

1. Perfilados e acessórios;
2. Eletrocalhas e acessórios;
3. Leitos para cabos e acessórios;
4. Dutos:
 - Dutos de Piso;
 - Calha de piso (Duto BS);
 - Calha para piso elevado;
 - Rodapé Metálico com Pintura Eletrostática (pintura opcional);
5. Calhas e Rufos.

Colocamos nosso departamento técnico a disposição para consultas e assessoria, tanto nas áreas de projeto quanto montagem final.

Nenhuma parte seja descritiva ou gráfica pode ser reproduzida sem prévia autorização. Os textos, gráficos ou referências podem ser alterados sem prévio aviso das Calhas Kennedy.

Todas as medidas expressas nesse catálogo estão em milímetros ou polegadas quando mencionadas.



Perfilados e Ferragens

07

Eletrocalhas

29

Leitos

45

Dutos

61

Calhas e Rufos

87

Perfilados e Ferragens

Perfil estrutural conformado em chapas de aço carbono SAE 1008/1010, conforme normas NBR 11888-2 e NBR 7013.

Dimensões padrões que podem ser de 19x38 mm, 38x38 mm ou 38x76 mm, com furos oblongos de 10x13 mm, providos de virolas com 5 mm, voltadas para dentro, podendo ser totalmente perfurado ou com 2 furos nas pontas para união entre si. Seus acessórios são peças padronizadas e intercambiáveis quanto ao seu sistema de aplicação, porém com as mais variadas possibilidades de utilização.

Por ser aparente, proporciona rápida instalação e ampliação, além de facilitar a manutenção e as inspeções periódicas, propiciando a visualização de toda a linha de distribuição elétrica.

Próprios para sustentação de luminárias, alimentação de circuitos e equipamentos de iluminação, passagem de fios e cabos elétricos, telefônicos e dados, em construções comerciais, industriais, prediais, etc.

Quantidade de parafusos por emenda:

"I" – 4 Parafusos cabeça lenticilha $\varnothing 3/8"$ x $3/4"$ com porca e arruela

"L" – 4 Parafusos cabeça lenticilha $\varnothing 3/8"$ x $3/4"$ com porca e arruela

"T" – 6 Parafusos cabeça lenticilha $\varnothing 3/8"$ x $3/4"$ com porca e arruela

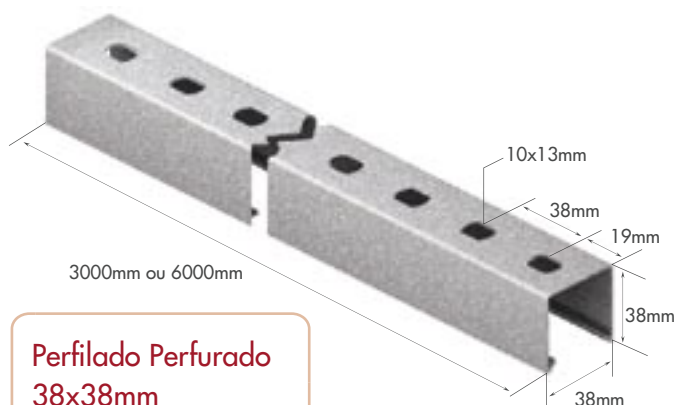
"X" – 8 Parafusos cabeça lenticilha $\varnothing 3/8"$ x $3/4"$ com porca e arruela

Como alternativa, pode ser utilizado parafuso cabeça lenticilha $\varnothing 5/16"$ x $3/4"$, com suas respectivas porcas e arruelas.

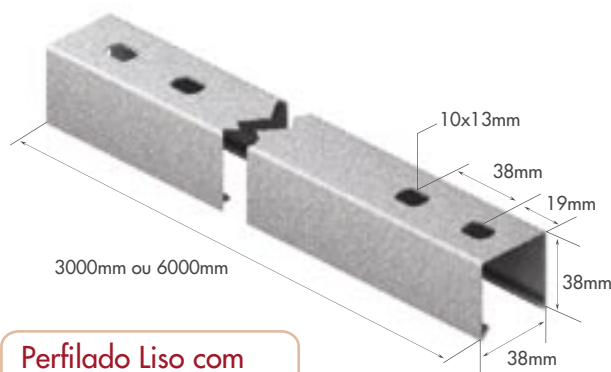


Perfilados e Ferragens

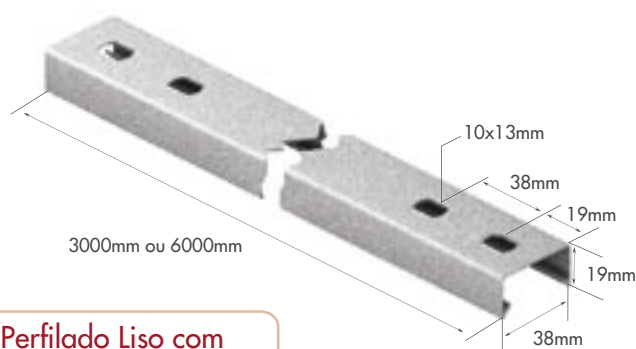
8



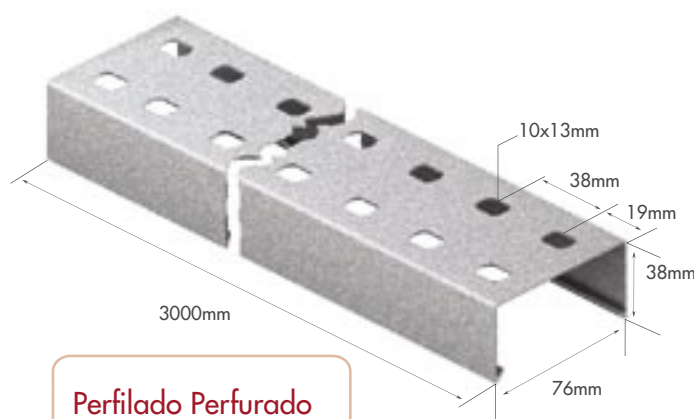
**Perfilado Perfurado
38x38mm
Ref. CKP 100**



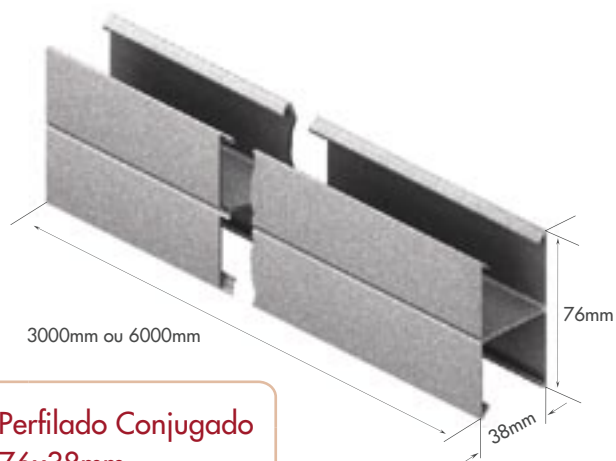
**Perfilado Liso com
2 Furos nas Pontas
38x38mm
Ref. CKP 101**



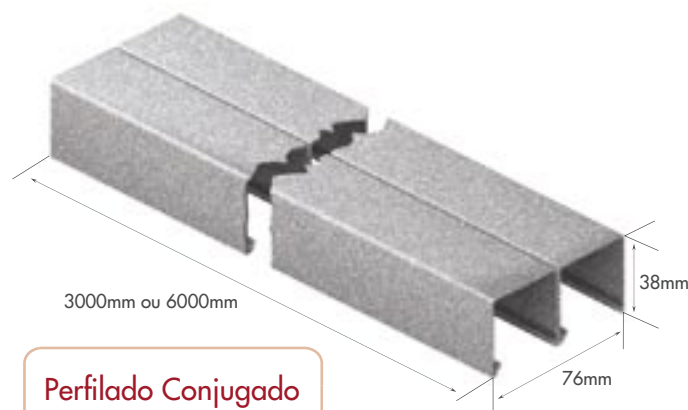
**Perfilado Liso com
2 Furos nas Pontas
19x38mm
Ref. CKP 102**



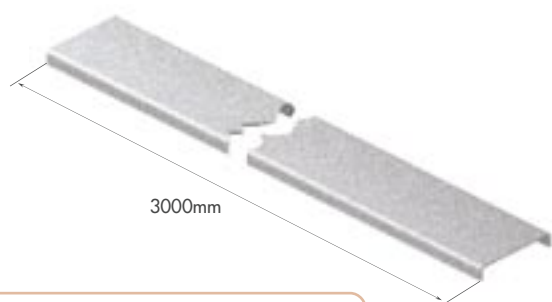
**Perfilado Perfurado
38x76mm
Ref. CKP 103**



**Perfilado Conjugado
76x38mm
Ref. CKP 104**



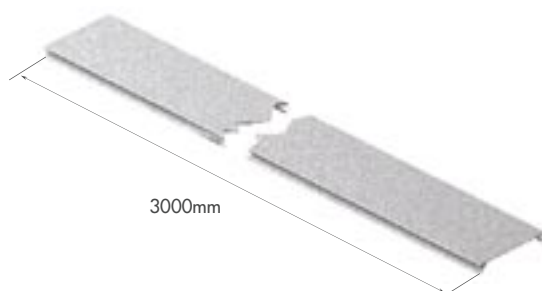
**Perfilado Conjugado
38x76mm
Ref. CKP 105**



Tampa de Encaixe
para Perfilado

Ref. CKP 106 - Perfilado 38mm

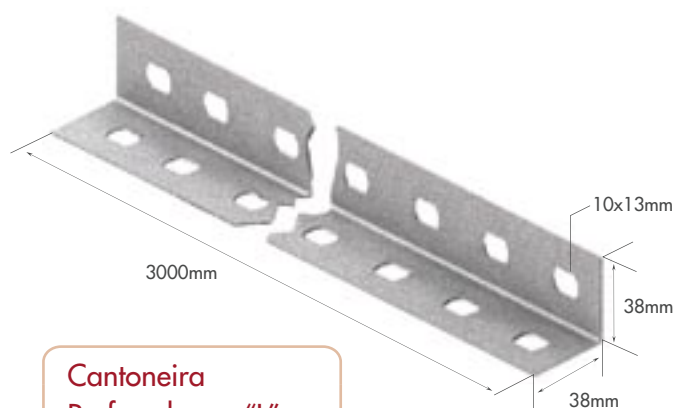
Ref. CKP 107 - Perfilado 76mm



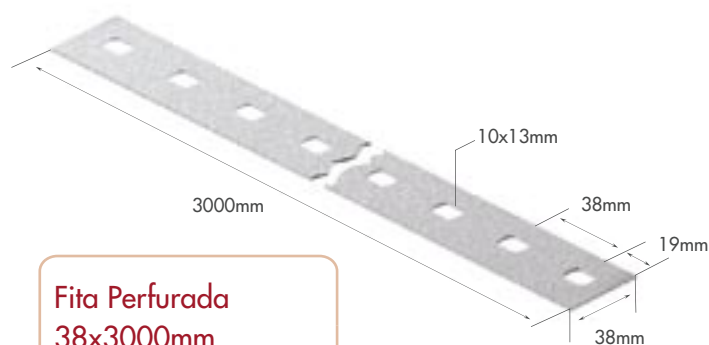
Tampa de Pressão
para Perfilado

Ref. CKP 108 - Perfilado 38mm

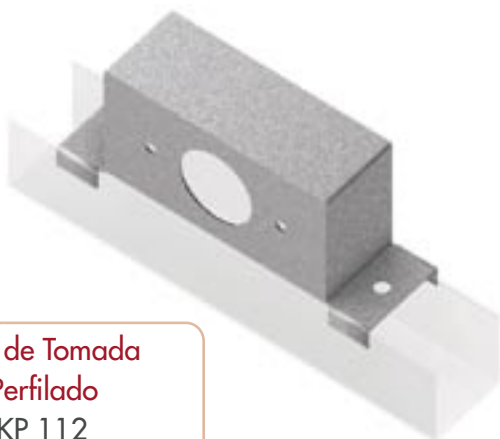
Ref. CKP 109 - Perfilado 76mm



Cantoneira
Perfurada em "L"
38x38x3000mm
Ref. CKP 110



Fita Perfurada
38x3000mm
Ref. CKP 111



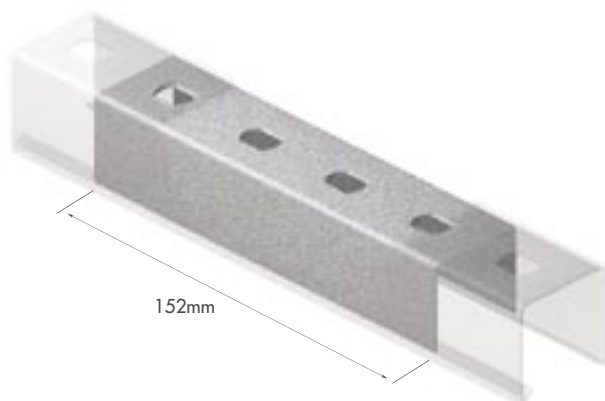
Caixa de Tomada
para Perfilado

Ref. CKP 112

Obs. Tomada não
inclusa

Perfilados e Ferragens

10

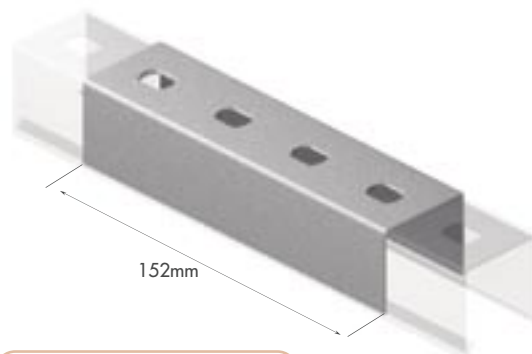


Emenda Interna em "I"

Ref. CKP 113 - Perfilado 19x38mm

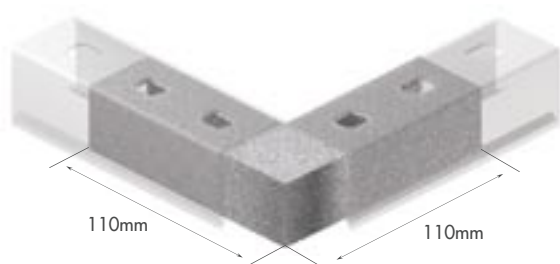
Ref. CKP 114 - Perfilado 38x38mm

Ref. CKP 115 - Perfilado 38x76mm



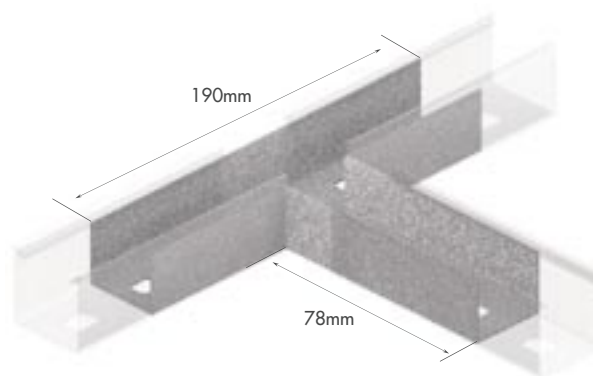
Emenda Externa em "I" para Perfilado 38x38mm

Ref. CKP 116



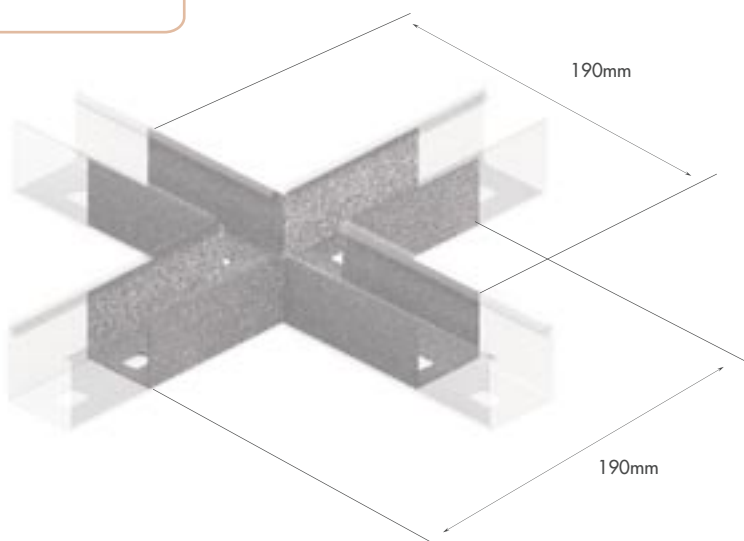
Emenda Interna em "L" para Perfilado 38x38mm

Ref. CKP 117



Emenda Interna em "T" para Perfilado 38x38mm

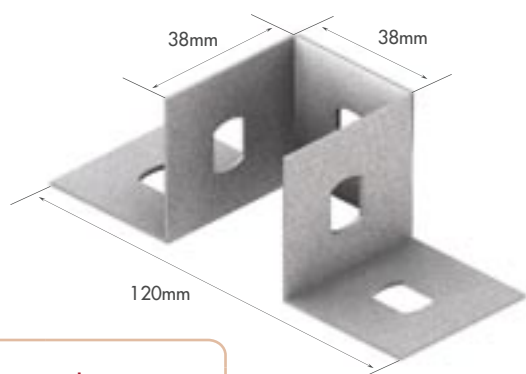
Ref. CKP 118



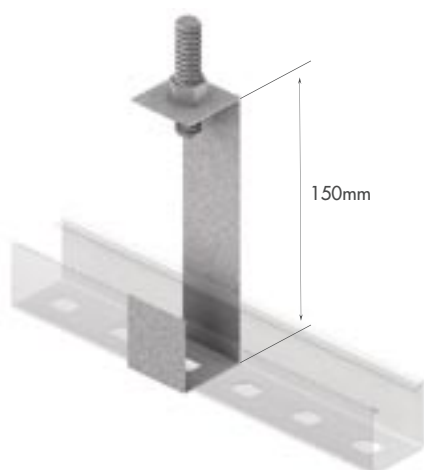
Emenda Interna em "X" para Perfilado 38x38mm

Ref. CKP 119

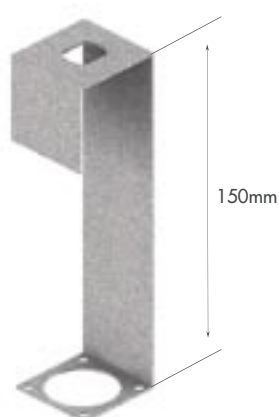
Obs: A pedido poderá ser fornecido nas medidas 19x38mm ou 38x76mm.



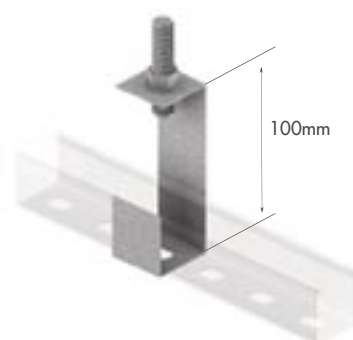
Base Simples para
Painel
Ref. CKP 120



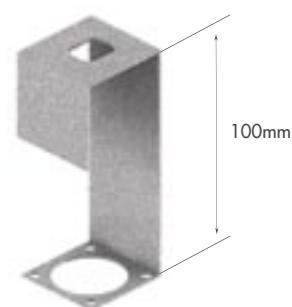
Gancho Longo para Perfilado
Ref. CKP 123 - Perfilado 38x38mm
Ref. CKP 124 - Perfilado 38x76mm



Gancho Longo para
Luminária
Ref. CKP 126



Gancho Curto para Perfilado
Ref. CKP 121 - Perfilado 38x38mm
Ref. CKP 122 - Perfilado 38x76mm



Gancho Curto para
Luminária
Ref. CKP 125



Presilha para Cabo
de Aço
Ref. CKP 127



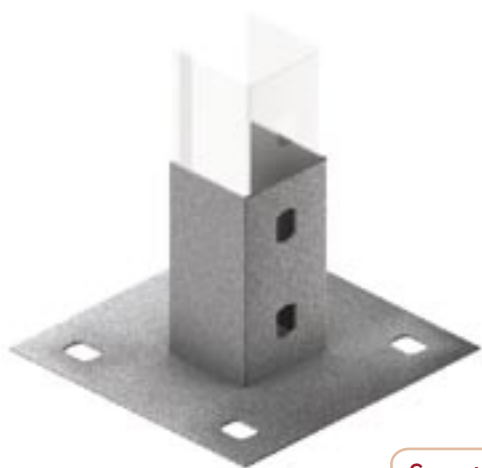
Gancho para Cabo
de Aço
Ref. CKP 128
Ø Máx=3/8"



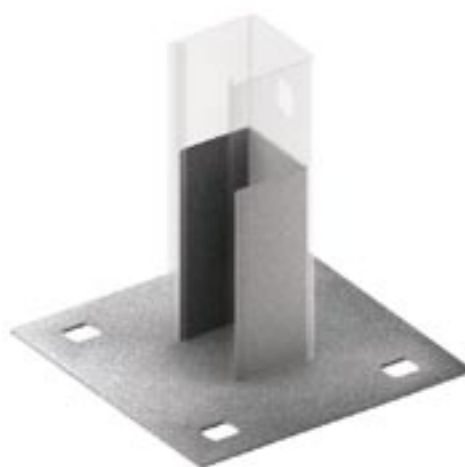
Suspensor para
Cabo de Aço Ø1/8"
Ref. CKP 129



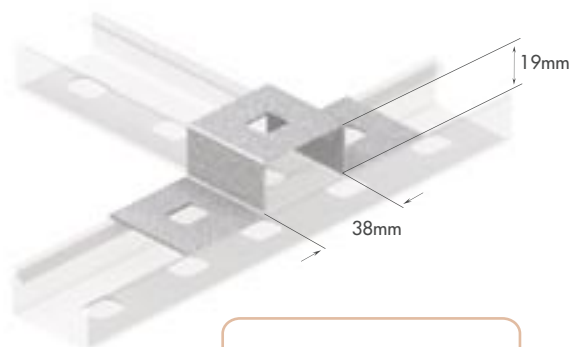
Sapata 1 Furo para
Perfilado 38x38mm
Ref. CKP 130



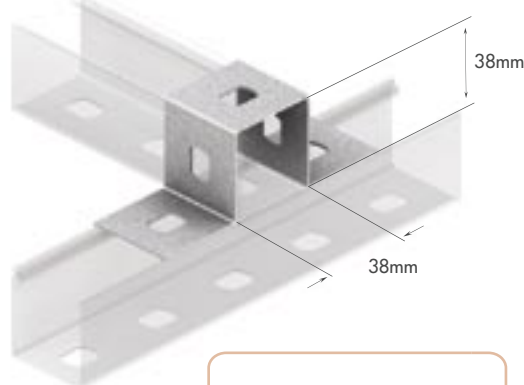
Sapata Externa
4 Furos para Perfilado
38x38mm
Ref. CKP 131



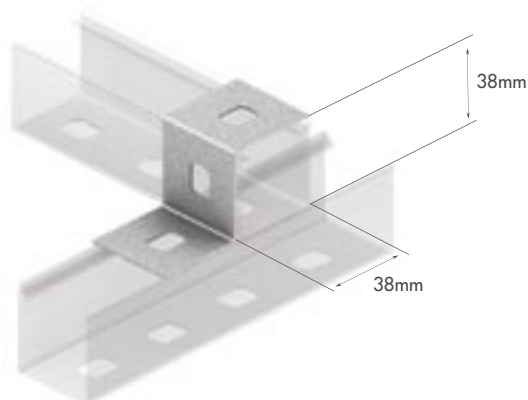
Sapata Interna
4 Furos para Perfilado
38x38mm
Ref. CKP 132



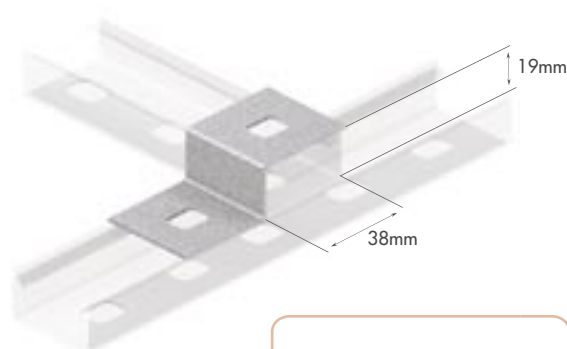
Cantoneira "ZZ" Baixa
19x38mm
Ref. CKP 133



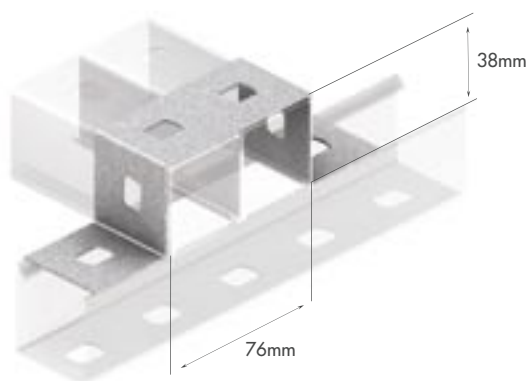
Cantoneira "ZZ" Alta
38x38mm
Ref. CKP 134



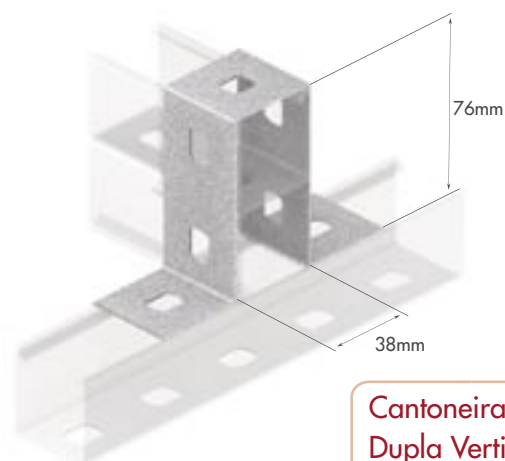
Cantoneira "Z" Alta
38x38mm
Ref. CKP 135



Cantoneira "Z" Baixa
19x38mm
Ref. CKP 136



Cantoneira "ZZ"
Dupla Horizontal
38x76mm
Ref. CKP 137



Cantoneira "ZZ"
Dupla Vertical
76x38mm
Ref. CKP 138

Perfilados e Ferragens

14



Curva Horizontal para
Perfilado 38x38mm
Ref. CKP 139



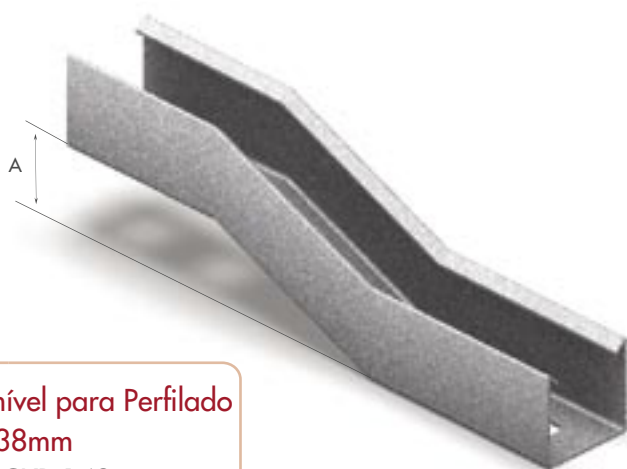
Curva Vertical
Externa para Perfilado
38x38mm
Ref. CKP 140



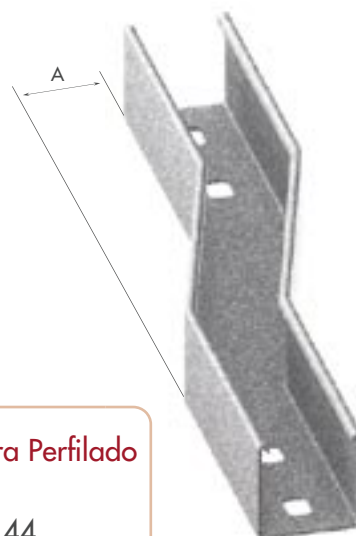
Curva Vertical
Interna para Perfilado
38x38mm
Ref. CKP 141



Curva de Inversão
para Perfilado
38x38mm
Ref. CKP 142

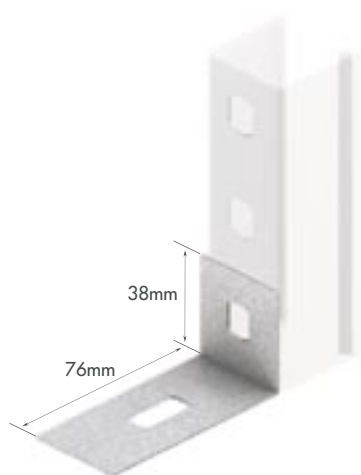


Desnível para Perfilado
38x38mm
Ref. CKP 143
Indicar medida "A"

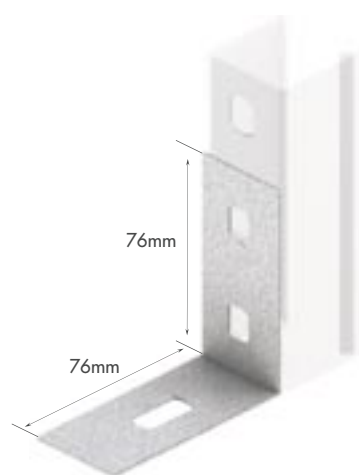


Desvio para Perfilado
38x38mm
Ref. CKP 144
Indicar medida "A"

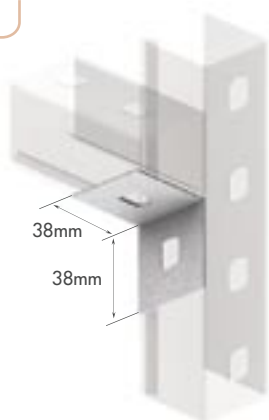
Obs: A pedido poderá ser fornecido nas medidas 19x38mm ou 38x76mm.



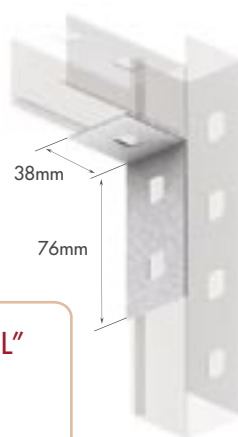
Cantoneira com
1 Furo e 1 Rasgo
Ref. CKP 145



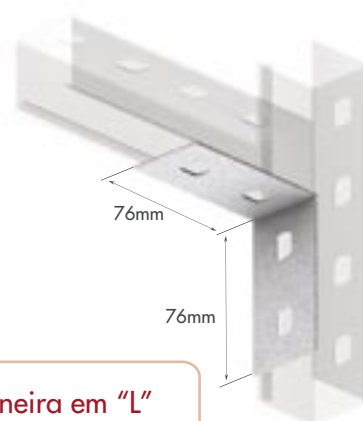
Cantoneira com
2 Furos e Rasgo
Ref. CKP 146



Cantoneira em "L"
com 2 Furos
Ref. CKP 147



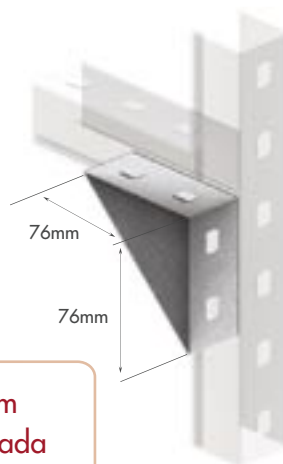
Cantoneira em "L"
com 3 Furos
Ref. CKP 148



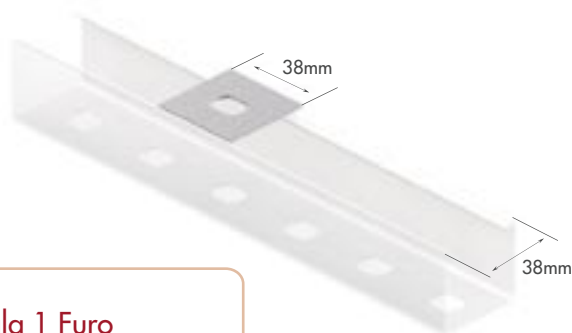
Cantoneira em "L"
com 4 Furos
Ref. CKP 149



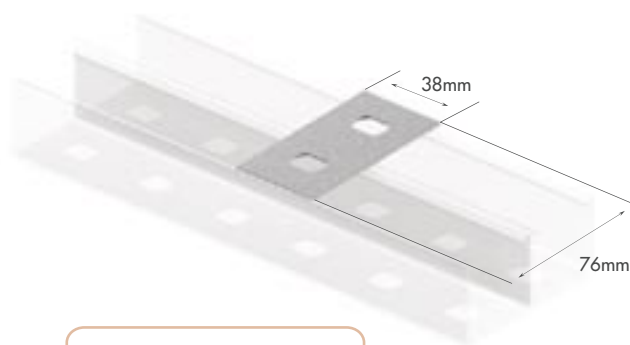
Cantoneira com
2 Furos Reforçada
Ref. CKP 150



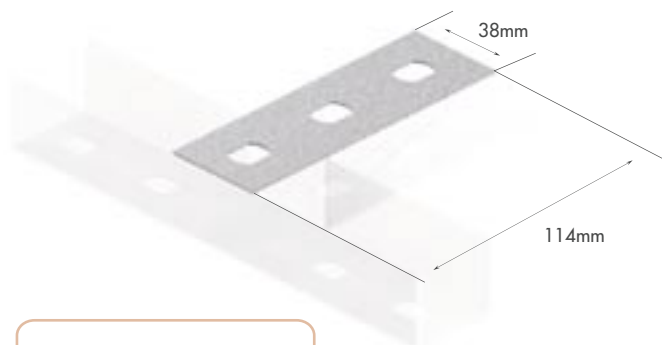
Cantoneira com
4 Furos Reforçada
Ref. CKP 151



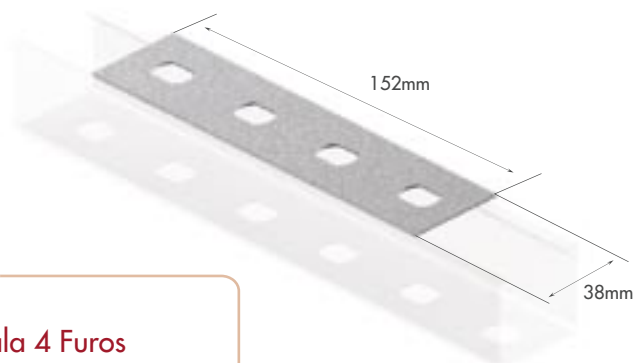
Tala 1 Furo
Ref. CKP 152



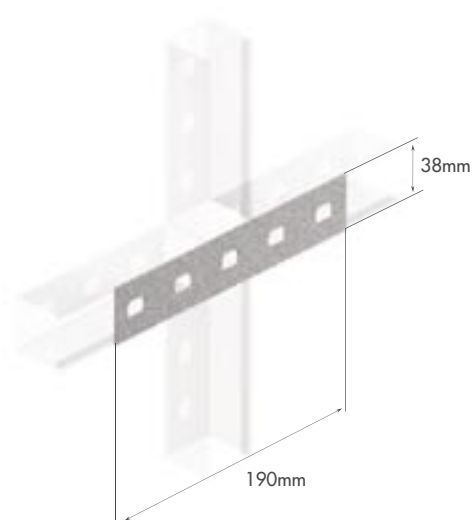
Tala 2 Furos
Ref. CKP 153



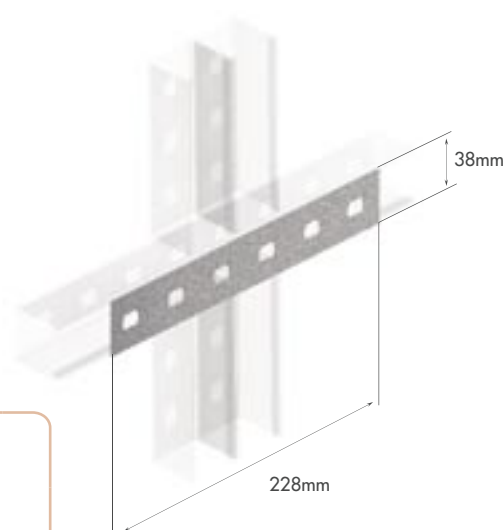
Tala 3 Furos
Ref. CKP 154



Tala 4 Furos
Ref. CKP 155



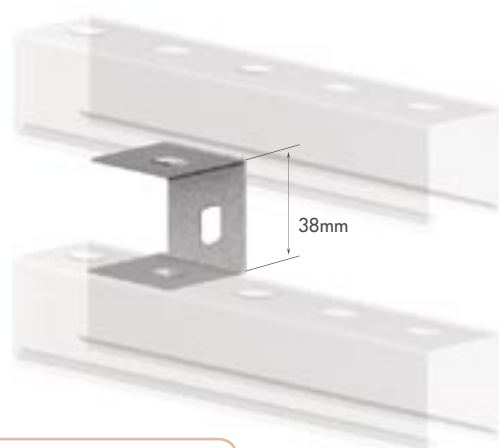
Tala 5 Furos
Ref. CKP 156



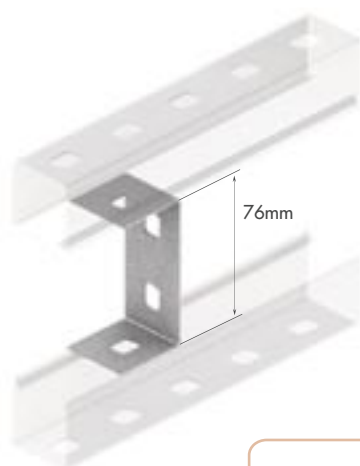
Tala 6 Furos
Ref. CKP 157



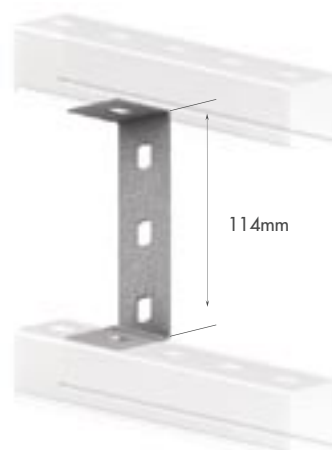
Arruela Adaptadora
38mm
Ref. CKP 158



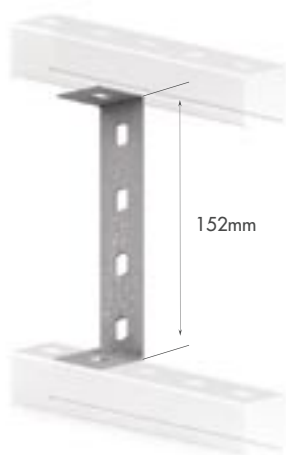
Distanciador com
1 Furo
Ref. CKP 159



Distanciador com
2 Furos
Ref. CKP 160



Distanciador com
3 Furos
Ref. CKP 161



Distanciador com
4 Furos
Ref. CKP 162

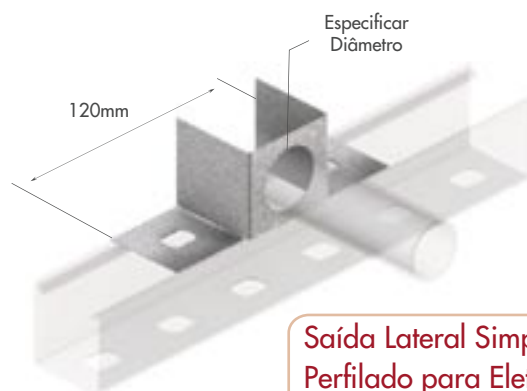


Saída Final de Perfilado para Eletroduto

Ref. CKP 163 - \varnothing 1/2"

Ref. CKP 164 - \varnothing 3/4"

Ref. CKP 165 - \varnothing 1"

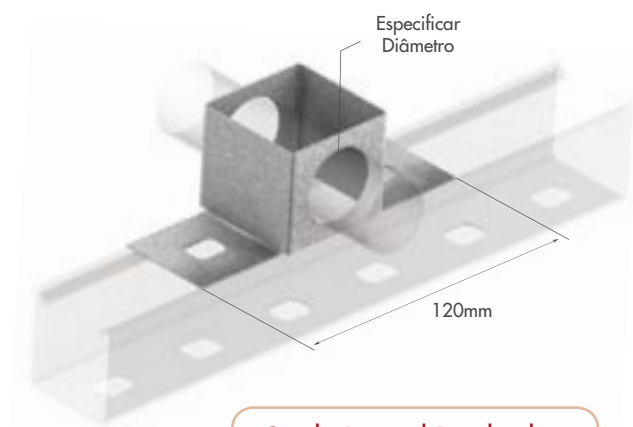


Saída Lateral Simples de Perfilado para Eletroduto

Ref. CKP 166 - \varnothing 1/2"

Ref. CKP 167 - \varnothing 3/4"

Ref. CKP 168 - \varnothing 1"

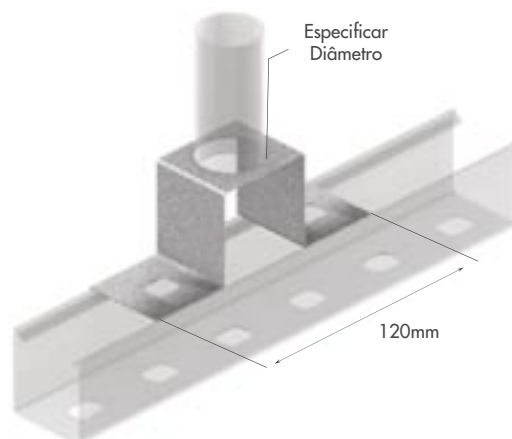


Saída Lateral Dupla de Perfilado para Eletroduto

Ref. CKP 169 - \varnothing 1/2"

Ref. CKP 170 - \varnothing 3/4"

Ref. CKP 171 - \varnothing 1"

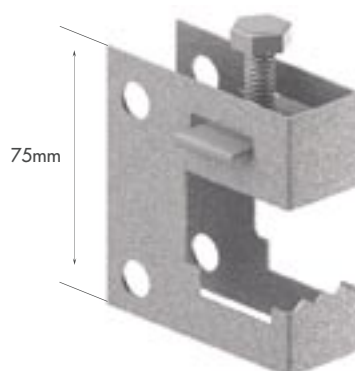


Saída Superior de Perfilado para Eletroduto

Ref. CKP 172 - \varnothing 1/2"

Ref. CKP 173 - \varnothing 3/4"

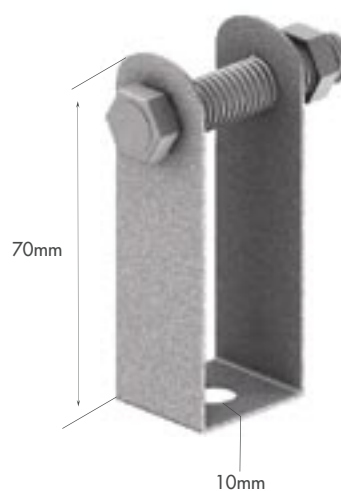
Ref. CKP 174 - \varnothing 1"



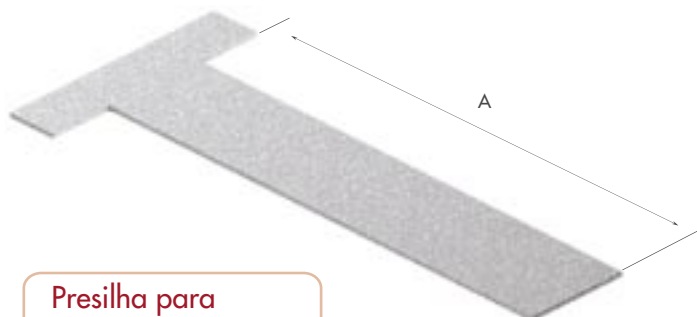
Grampo "C"
Ref. CKP 175
Incluso parafuso
sextavado $\varnothing 3/8"$ x 2"
e porca quadrada



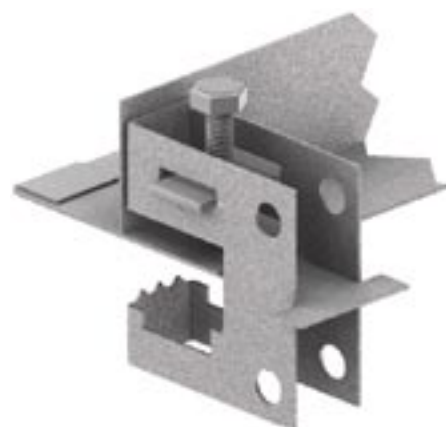
Grampo "C" Completo
Ref. CKP 177



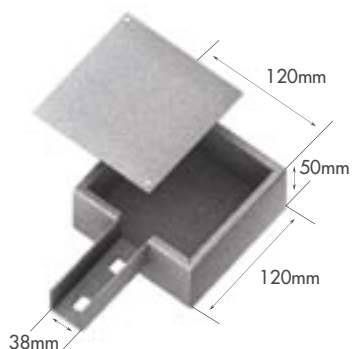
Balancim para Grampo "C"
Ref. CKP 176
Incluso parafuso
sextavado $\varnothing 3/8"$ x 1 1/2"
e porca sextavada



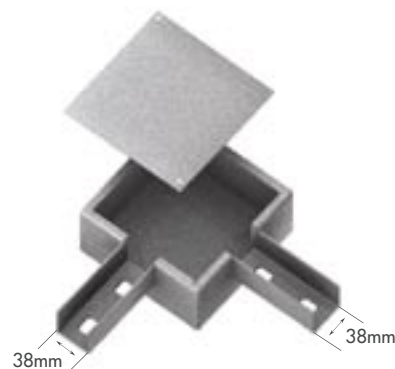
**Presilha para
Grampo "C"**
Ref. CKP 178
Indicar medida "A"



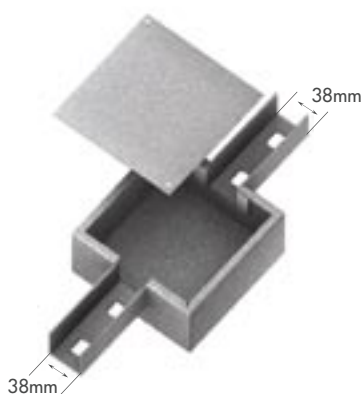
Exemplo de aplicação da
presilha para grampo "C"



Caixa Derivação
em "I" para Perfilado
38x38mm
Ref. CKP 179

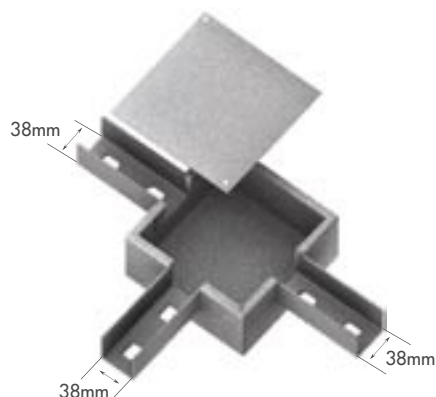


Caixa Derivação
em "L" para Perfilado
38x38mm
Ref. CKP 180

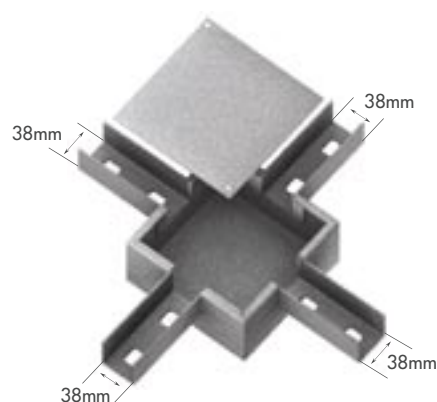


Caixa Derivação
em "C" para Perfilado
38x38mm
Ref. CKP 181

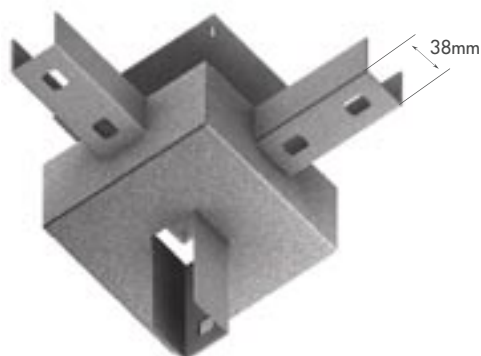
A pedido poderá ser fornecida na medida 38x76mm



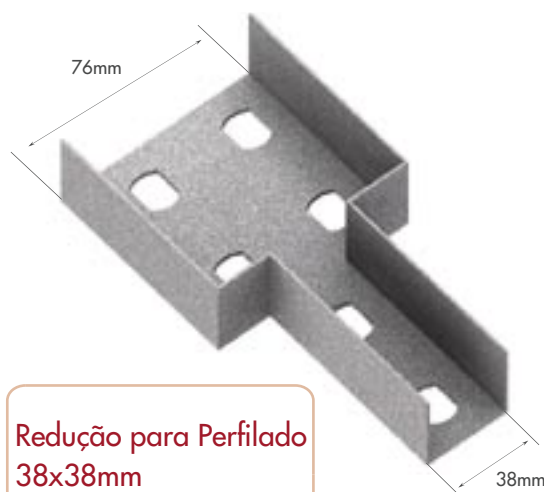
Caixa Derivação
em "T" para Perfilado
38x38mm
Ref. CKP 182



Caixa Derivação
em "X" para Perfilado
38x38mm
Ref. CKP 183



Caixa Derivação com
Saída Inferior para
Perfilado 38x38mm
Ref. CKP 184

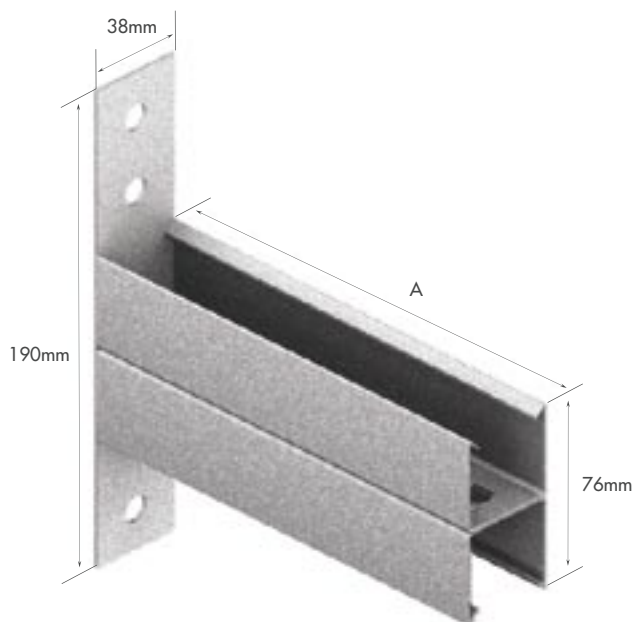
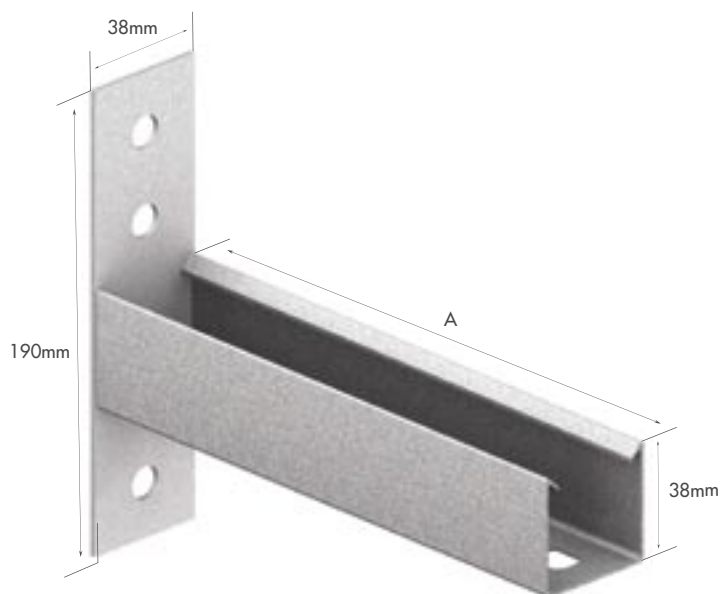


Redução para Perfilado
38x38mm
Ref. CKP 185

A pedido poderá ser fornecida na medida 38x76mm

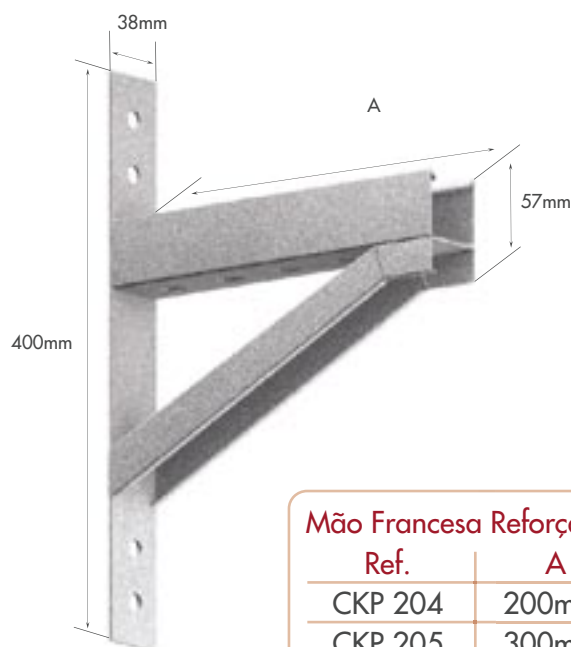
Mão Francesa Simples

Ref.	A
CKP 186	50mm
CKP 187	100mm
CKP 188	200mm
CKP 189	300mm
CKP 190	400mm
CKP 191	500mm
CKP 192	600mm



Mão Francesa Dupla

Ref.	A
CKP 193	50mm
CKP 194	100mm
CKP 195	200mm
CKP 196	300mm
CKP 197	400mm
CKP 198	500mm
CKP 199	600mm
CKP 200	700mm
CKP 201	800mm
CKP 202	900mm
CKP 203	1000mm



Mão Francesa Reforçada

Ref.	A
CKP 204	200mm
CKP 205	300mm
CKP 206	400mm
CKP 207	500mm
CKP 208	600mm
CKP 209	700mm
CKP 210	800mm
CKP 211	900mm
CKP 212	1000mm



Parafuso Cabeça
Lentilha com Fenda

Ref.	Medida
CKP 213	1/4" x 3/4"
CKP 214	5/16" x 3/4"
CKP 215	3/8" x 3/4"



Parafuso Cabeça
Lentilha Auto Travante

Ref.	Medida
CKP 216	1/4" x 3/4"
CKP 217	5/16" x 3/4"
CKP 218	3/8" x 3/4"



Porca Sextavada

Ref.	Ø
CKP 219	1/4"
CKP 220	5/16"
CKP 221	3/8"



Arruela de Pressão

Ref.	Ø
CKP 225	1/4"
CKP 226	5/16"
CKP 227	3/8"



Arruela Lisa

Ref.	Ø
CKP 222	1/4"
CKP 223	5/16"
CKP 224	3/8"



Bucha de Nylon

Ref.	Tipo
CKP 228	S - 6
CKP 229	S - 8
CKP 230	S - 10
CKP 231	S - 12



Parafuso Cabeça Painel Auto-Atarraxante com Fenda Simples

Ref.	Bucha	Medida
CKP 232	S - 6	4,2x32mm
CKP 233	S - 8	4,8x45mm
CKP 234	S - 10	6,3x50mm



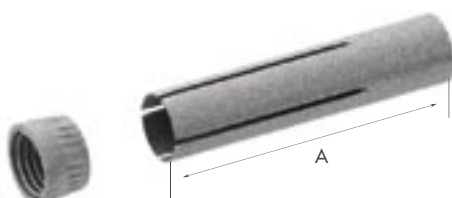
Parafuso Cabeça Sextavada Rosca Soberba

Ref.	Bucha	Medida
CKP 235	S - 8	ø 3/16" x 50mm
CKP 236	S - 10	ø 1/4" x 65mm
CKP 237	S - 12	ø 5/16" x 75mm



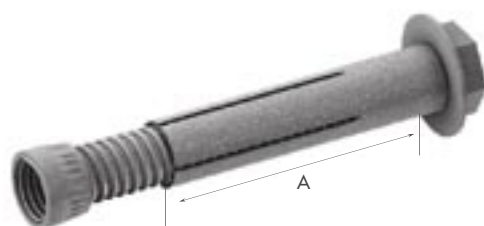
Parafuso Cabeça Sextavada Rosca Inteira

Ref.	Medida
CKP 238	ø 1/4" x 3/4"
CKP 239	ø 1/4" x 2"
CKP 240	ø 3/8" x 1 1/2"
CKP 241	ø 3/8" x 2"
CKP 242	ø 3/8" x 2 1/2"



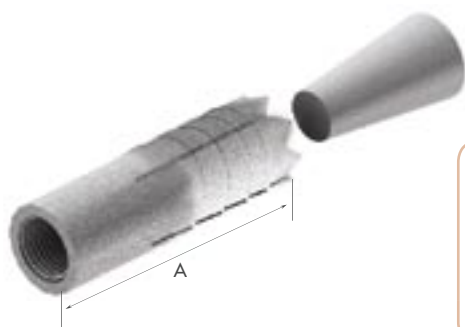
Chumbador Jaqueta e Cone

Ref.	ø	A
CKP 243	1/4"	35mm
CKP 244	3/8"	40mm



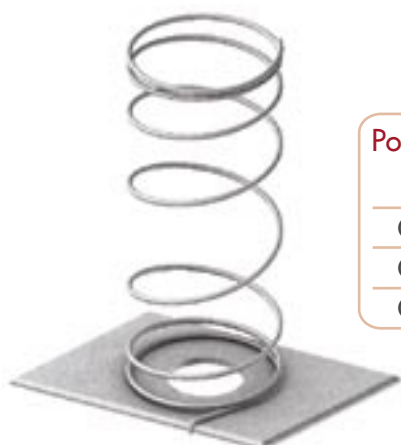
Chumbador "CB"

Ref.	ø	A
CKP 245	1/4" x 2"	35mm
CKP 246	3/8" x 2 1/2"	40mm



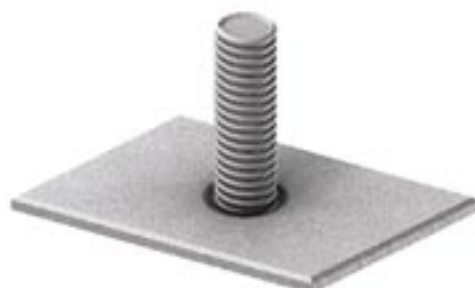
Chumbador "UR"

Ref.	ø	A
CKP 247	1/4"	35mm
CKP 248	3/8"	40mm



Porca Losangular com Mola

Ref.	Ø Rosca.
CKP 249	1/4"
CKP 250	5/16"
CKP 251	3/8"



Porca Losangular com Pino

Ref.	Ø Rosca.
CKP 252	1/4"
CKP 253	5/16"
CKP 254	3/8"



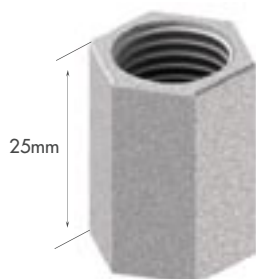
Porca Losangular com Rosca

Ref.	Ø Rosca.
CKP 255	1/4"
CKP 256	5/16"
CKP 257	3/8"



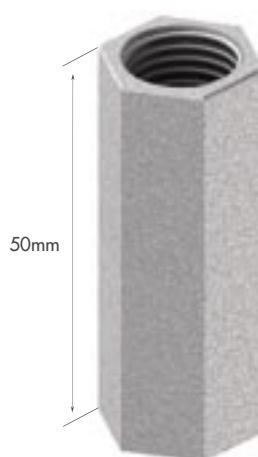
Vergalhão Rosca Total

Ref.	Ø Rosca.
CKP 258	1/4"
CKP 259	5/16"
CKP 260	3/8"



Prolongador Curto
Sextavado para Vergalhão

Ref.	Ø
CKP 261	1/4"
CKP 262	5/16"
CKP 263	3/8"

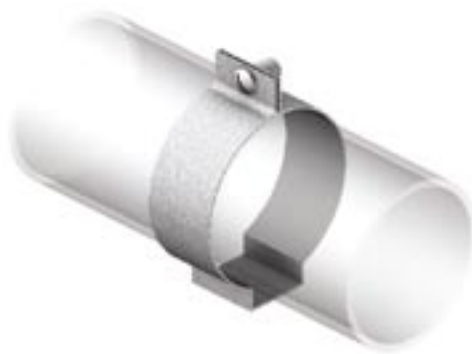


Prolongador Longo
Sextavado para Vergalhão

Ref.	Ø
CKP 264	1/4"
CKP 265	5/16"
CKP 266	3/8"

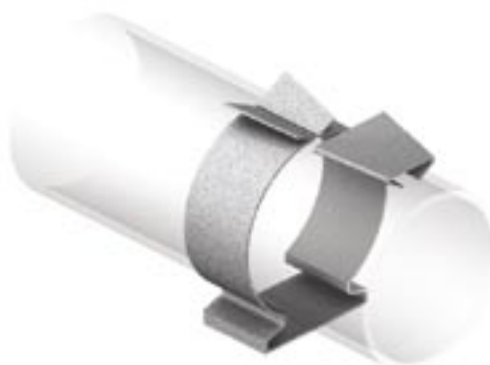
Braçadeira "D" com Parafuso

Ref.	Ø
CKP 267	1/2"
CKP 268	3/4"
CKP 269	1"
CKP 270	1 1/4"
CKP 271	1 1/2"
CKP 272	2"
CKP 273	2 1/2"
CKP 274	3"
CKP 275	3 1/2"
CKP 276	4"



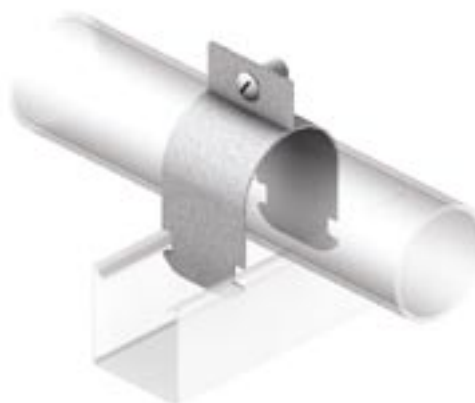
Braçadeira "D" com Cunha

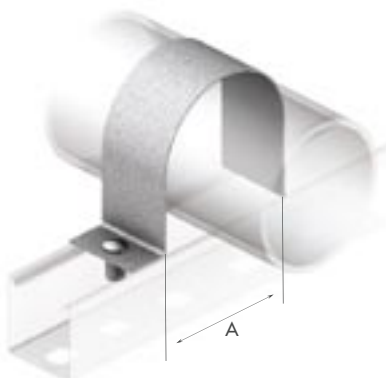
Ref.	Ø
CKP 277	1/2"
CKP 278	3/4"
CKP 279	1"
CKP 280	1 1/4"
CKP 281	1 1/2"
CKP 282	2"
CKP 283	2 1/2"
CKP 284	3"
CKP 285	3 1/2"
CKP 286	4"



Braçadeira "U" Perfil com Parafuso

Ref.	Ø
CKP 287	1/2"
CKP 288	3/4"
CKP 289	1"
CKP 290	1 1/4"
CKP 291	1 1/2"
CKP 292	2"
CKP 293	2 1/2"
CKP 294	3"
CKP 295	3 1/2"
CKP 296	4"



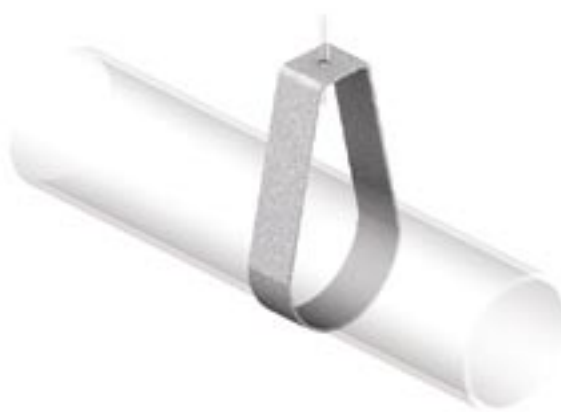
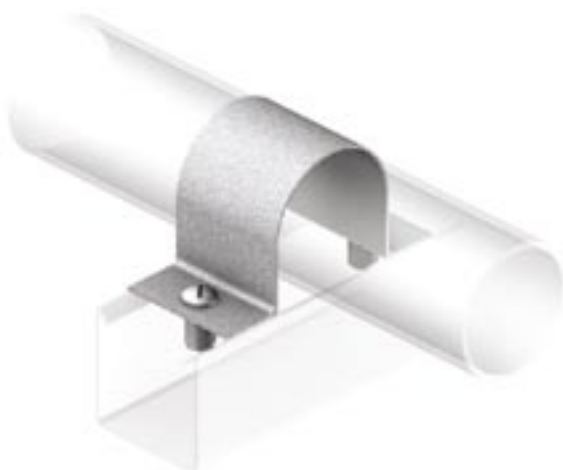


Braçadeira Unha Leve

Ref.	Ø
CKP 297	1/2"
CKP 298	3/4"
CKP 299	1"
CKP 300	1 1/4"
CKP 301	1 1/2"
CKP 302	2"
CKP 303	2 1/2"
CKP 304	3"
CKP 305	3 1/2"
CKP 306	4"

Braçadeira Ômega Leve

Ref.	Ø
CKP 307	1/2"
CKP 308	3/4"
CKP 309	1"
CKP 310	1 1/4"
CKP 311	1 1/2"
CKP 312	2"
CKP 313	2 1/2"
CKP 314	3"
CKP 315	3 1/2"
CKP 316	4"



Braçadeira Econômica

Ref.	Ø
CKP 317	1/2"
CKP 318	3/4"
CKP 319	1"
CKP 320	1 1/4"
CKP 321	1 1/2"
CKP 322	2"
CKP 323	2 1/2"
CKP 324	3"
CKP 325	3 1/2"
CKP 326	4"
CKP 327	5"
CKP 328	6"
CKP 329	8"
CKP 330	10"
CKP 331	12"



Braçadeira União Horizontal

Ref.	Ø
CKP 332	1/2"
CKP 333	3/4"
CKP 334	1"
CKP 335	1 1/4"
CKP 336	1 1/2"
CKP 337	2"
CKP 338	2 1/2"
CKP 339	3"
CKP 340	3 1/2"
CKP 341	4"
CKP 342	5"
CKP 343	6"
CKP 344	8"
CKP 345	10"
CKP 346	12"

Braçadeira União Vertical

Ref.	Ø
CKP 347	1/2"
CKP 348	3/4"
CKP 349	1"
CKP 350	1 1/4"
CKP 351	1 1/2"
CKP 352	2"
CKP 353	2 1/2"
CKP 354	3"
CKP 355	3 1/2"
CKP 356	4"
CKP 357	5"
CKP 358	6"
CKP 359	8"
CKP 360	10"
CKP 361	12"



Braçadeira "U" de Vergalhão

Ref.	Ø	Ø vergalhão
CKP 362	1/2"	5/16"
CKP 363	3/4"	5/16"
CKP 364	1"	5/16"
CKP 365	1 1/4"	5/16"
CKP 366	1 1/2"	5/16"
CKP 367	2"	3/8"
CKP 368	2 1/2"	3/8"
CKP 369	3"	3/8"
CKP 370	3 1/2"	3/8"
CKP 371	4"	3/8"
CKP 372	5"	1/2"
CKP 373	6"	5/8"
CKP 374	8"	5/8"
CKP 375	10"	5/8"
CKP 376	12"	5/8"



Eletrocalhas

As eletrocalhas são bandejas metálicas fabricadas em chapas de aço SAE 1008/1010, conforme a NBR 11888-2 e NBR 7013.

Dobradas em forma de "U", podendo ser com ou sem virola (abas voltadas para parte interna), proporcionando maior resistência a flexo-torção.

Elas podem ser totalmente perfuradas, oferecendo ventilação nos cabos, com furos oblongos de 7x25 mm, espaçados entre si em 25 mm no sentido transversal e 38 mm no sentido longitudinal, ou lisa para instalações hermeticamente fechadas, com furos oblongos de 7x25 mm apenas nas extremidades, para união das peças. Possui completa linha de sustentação e elementos de fixação, que seguem as mesmas características construtivas das eletrocalhas, seus acessórios possuem forma geométrica própria para atender diversas situações de montagem e distribuição de cabos, sendo o raio padrão dos acessórios 150 mm, os quais podem ser fornecidos com 200 mm ou 300 mm, mediante consulta.

Por serem aparentes, proporcionam rápida instalação e ampliação, além de oferecerem fácil manutenção e inspeções periódicas, permitindo a visualização de toda linha de distribuição elétrica.

Utilizadas para passagem de fios e cabos, distribuição de energia elétrica, telefonia e dados, em qualquer tipo de instalação elétrica, tais como galpões industriais, comerciais, prédios, shopping centers, etc.

Quantidade de parafusos por emenda:

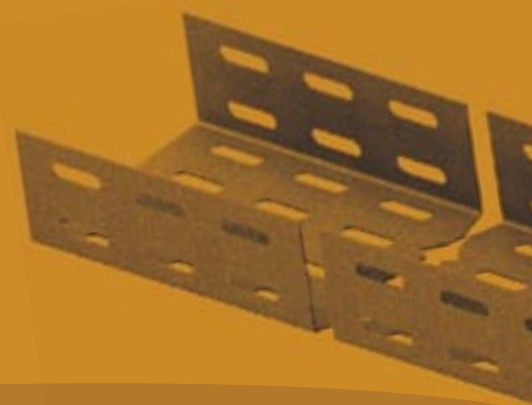
Tala com altura de 50 mm – 4 parafusos cabeça lentilha $\varnothing 1/4" \times 3/4"$ com porca e arruela

Tala com altura de 75 mm – 6 parafusos cabeça lentilha $\varnothing 1/4" \times 3/4"$ com porca e arruela

Tala com altura de 100 mm – 8 parafusos cabeça lentilha $\varnothing 1/4" \times 3/4"$ com porca e arruela

Para emendas internas, dobrar a quantidade de parafusos, porcas e arruelas.

É recomendada a utilização dos parafusos com a cabeça voltada para o interior das eletrocalhas, e em locais que aconteça vibrações mecânicas, utilizar a arruela de pressão.



ELETRICALHAS LISAS

Como solicitar: ex.: Eletrocalha Lisa Tipo "U"
Larg. 100x50x3000mm

Dimensão dos Furos: 7x25mm
Comprimento padrão: 3000mm
Acabamento: PZ - Pré zincada a fogo (NBR 7008-ZC)
AL - Alumínio
IN - INOX (Especificar tipo)
PT - Pintura eletrostática (informar cor)
GF - Galvanizado a fogo (NBR 6323)

REFERÊNCIA LARGURA ALTURA COMPRIMENTO ACABAMENTO

ALTURA LARGURA	25	50	60	75	100	125	140	150	200	250
50	50/25	50/50								
75	75/25	75/50	75/60	75/75						
100	100/25	100/50	100/60	100/75	100/100					
110	110/25	110/50	110/60	110/75	110/100					
125	125/25	125/50	125/60	125/75	125/100	125/125				
140	140/25	140/50	140/60	140/75	140/100	140/125	140/140			
150	150/25	150/50	150/60	150/75	150/100	150/125	150/140	150/150		
200	200/25	200/50	200/60	200/75	200/100	200/125	200/140	200/150	200/200	
250	250/25	250/50	250/60	250/75	250/100	250/125	250/140	250/150	250/200	250/250
300	300/25	300/50	300/60	300/75	300/100	300/125	300/140	300/150	300/200	300/250
350	350/25	350/50	350/60	350/75	350/100	350/125	350/140	350/150	350/200	350/250
400	400/25	400/50	400/60	400/75	400/100	400/125	400/140	400/150	400/200	400/250
450	450/25	450/50	450/60	450/75	450/100	450/125	450/140	450/150	450/200	450/250
500	500/25	500/50	500/60	500/75	500/100	500/125	500/140	500/150	500/200	500/250
550	550/25	550/50	550/60	550/75	550/100	550/125	550/140	550/150	550/200	550/250
600	600/25	600/50	600/60	600/75	600/100	600/125	600/140	600/150	600/200	600/250
700	700/25	700/50	700/60	700/75	700/100	700/125	700/140	700/150	700/200	700/250
800	800/25	800/50	800/60	800/75	800/100	800/125	800/140	800/150	800/200	800/250

ELETRICALHAS PERFURADAS

Como solicitar: ex.: Eletrocalha Perfurada com Virola
Larg. 100x50x3000mm

Comprimento padrão: 3000mm
Dimensão dos furos: 7x25mm
Acabamento: PZ - Pré zincada a fogo (NBR 7008-ZC)
AL - Alumínio
IN - INOX (Especificar tipo)
PT - Pintura eletrostática (informar cor)
GF - Galvanizado a fogo (NBR 6323)

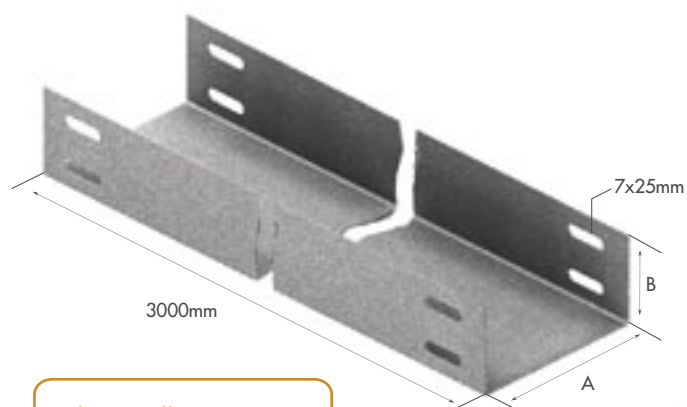
REFERÊNCIA LARGURA ALTURA COMPRIMENTO ACABAMENTO

ALTURA LARGURA	25	50	75	100	125	150	200	250
25	25/25							
50	50/25	50/50						
75	75/25	75/50	75/75					
100	100/25	100/50	100/75	100/100				
125	125/25	125/50	125/75	125/100	125/125			
150	150/25	150/50	150/75	150/100	150/125			
200	200/25	200/50	200/75	200/100	200/125	200/150	200/200	
250	250/25	250/50	250/75	250/100	250/125	250/150	250/200	250/250
300	300/25	300/50	300/75	300/100	300/125	300/150	300/200	300/250
350	350/25	350/50	350/75	350/100	350/125	350/150	350/200	350/250
400	400/25	400/50	400/75	400/100	400/125	400/150	400/200	400/250
450	450/25	450/50	450/75	450/100	450/125	450/150	450/200	450/250
500	500/25	500/50	500/75	500/100	500/125	500/150	500/200	500/250
550	550/25	550/50	550/75	550/100	550/125	550/150	550/200	550/250
600	600/25	600/50	600/75	600/100	600/125	600/150	600/200	600/250
700	700/25	700/50	700/75	700/100	700/125	700/150	700/200	700/250
800	800/25	800/50	800/75	800/100	800/125	800/150	800/200	800/250

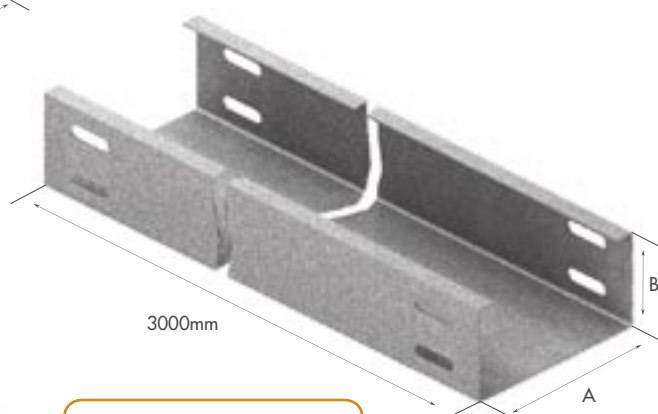
Obs.: Mencionar o tipo da tampa - Aparafusada (CKE 508); Encaixe (CKE 509); Pressão (CKE 510); Tampas Aparafusada e de Pressão somente para eletrocalhas com virola

Eletrocalhas e tampas são vendidas separadamente

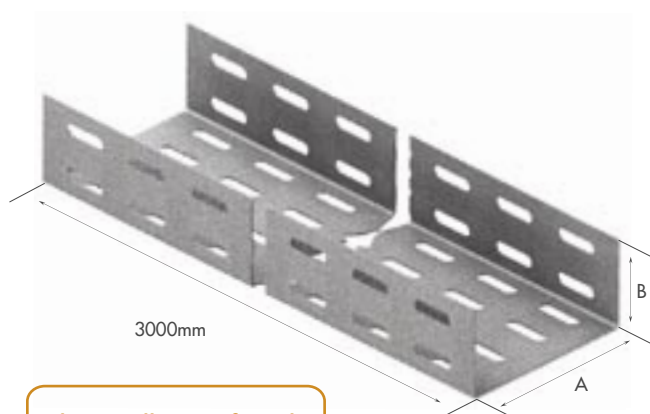
Nos acessórios, o raio é de 150mm seccionado, podendo ser feito mediante solicitação de 200mm ou 300mm. Todas as medidas são expressas em mm.



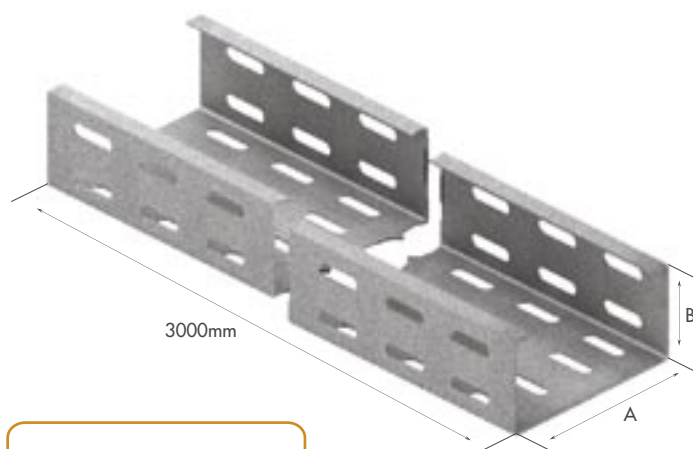
Eletrocalha Lisa
Tipo "U"
Ref. CKE 500



Eletrocalha Lisa com
Virola
Ref. CKE 501

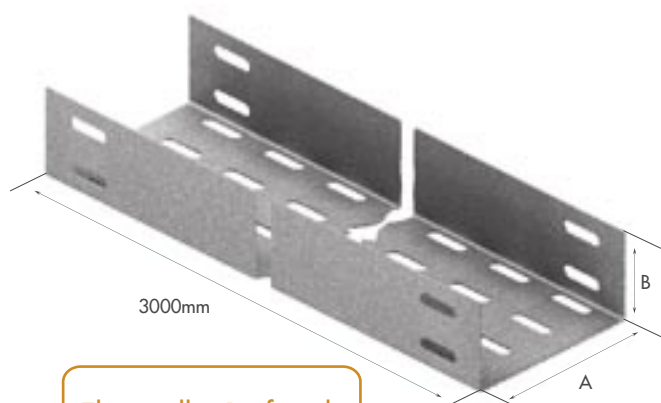


Eletrocalha Perfurada
Tipo "U"
Ref. CKE 502

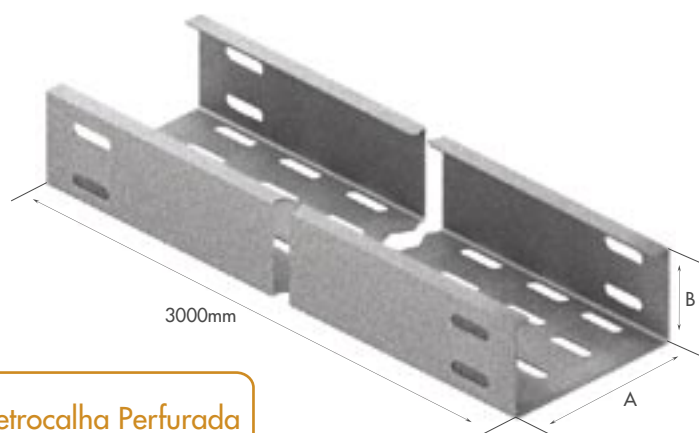


Eletrocalha Perfurada
com Virola
Ref. CKE 503

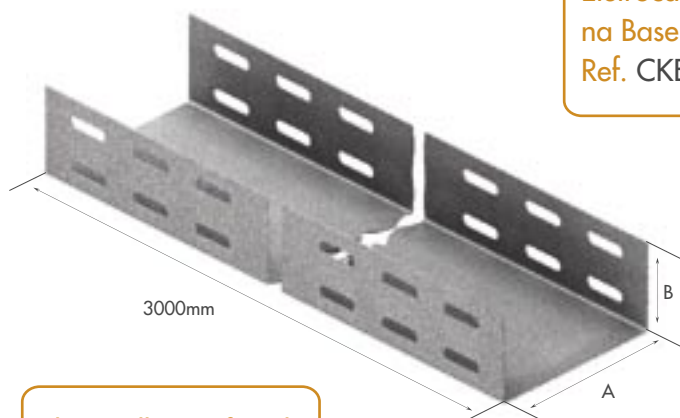
Obs.: Virola padrão de 10mm, podendo ser feita de 25mm sob consulta



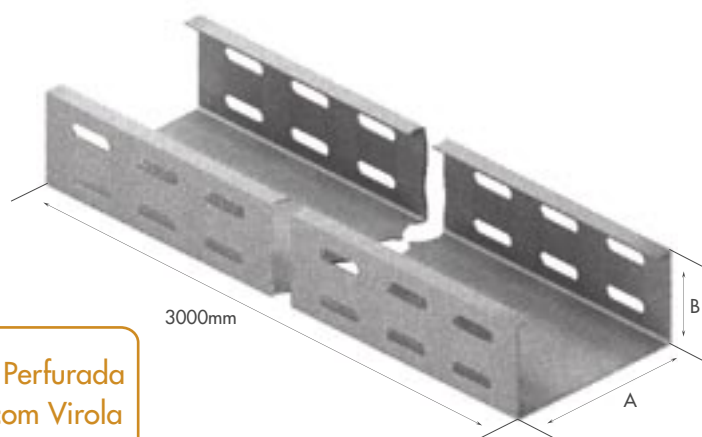
Eletrocalha Perfurada
na Base Tipo "U"
Ref. CKE 504



Eletrocalha Perfurada
na Base com Virola
Ref. CKE 505

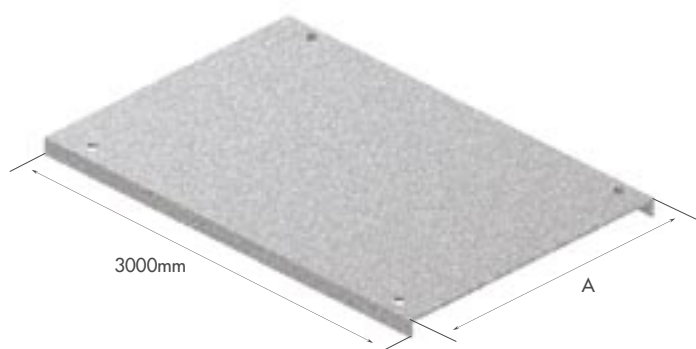


Eletrocalha Perfurada
na Lateral em "U"
Ref. CKE 506

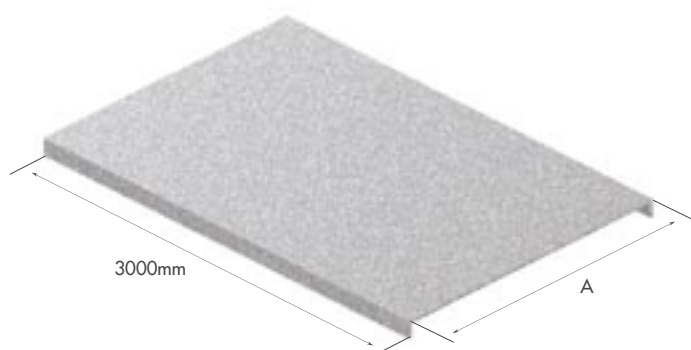


Eletrocalha Perfurada
na Lateral com Virola
Ref. CKE 507

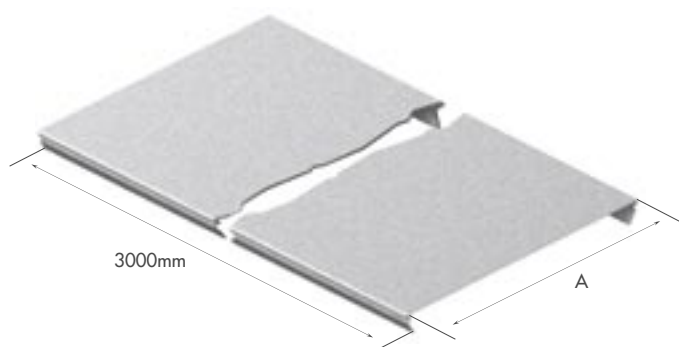
Obs.: Virola padrão de 10mm, podendo ser feita de 25mm sob consulta.



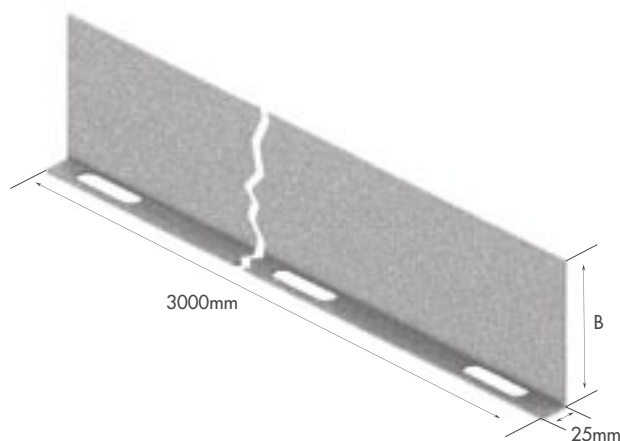
Tampa Aparafusada
Ref. CKE 508



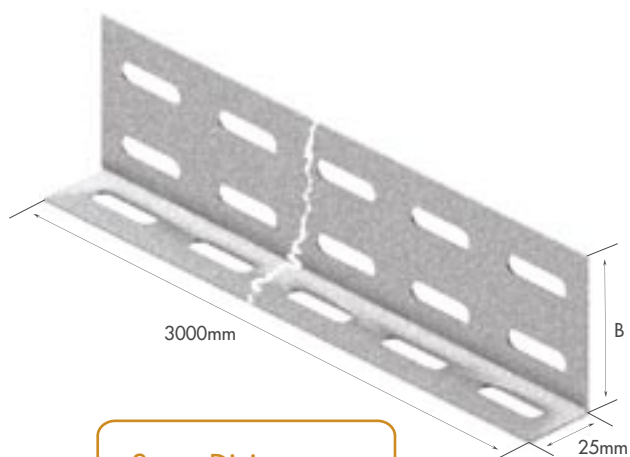
Tampa de Encaixe
Ref. CKE 509



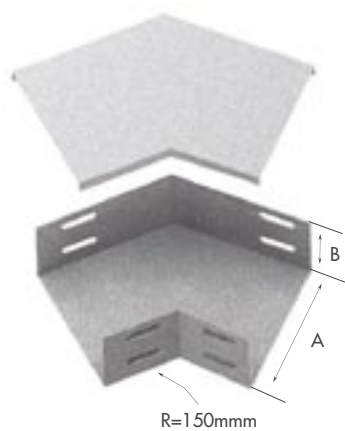
Tampa de Pressão
Ref. CKE 510



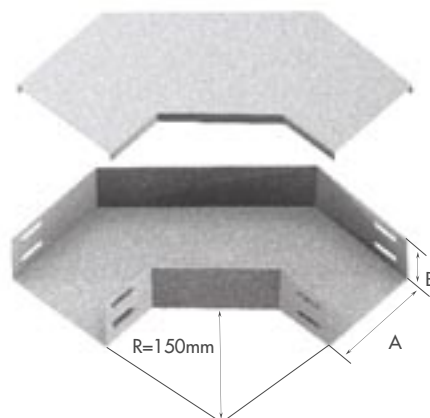
Septo Divisor Liso
Ref. CKE 511



Septo Divisor
Perfurado
Ref. CKE 512



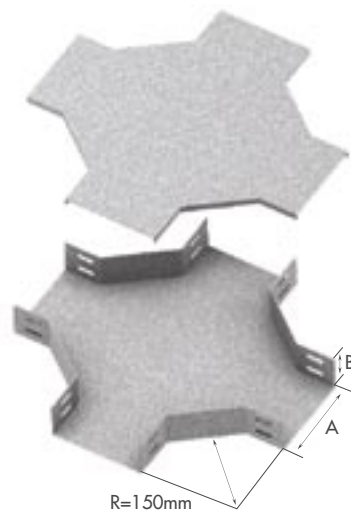
Curva Horizontal 45°
Ref. CKE 513



Curva Horizontal 90°
Ref. CKE 514

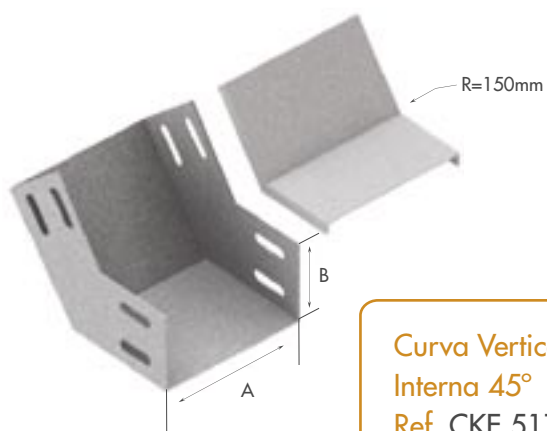


Te Horizontal 90°
Ref. CKE 515

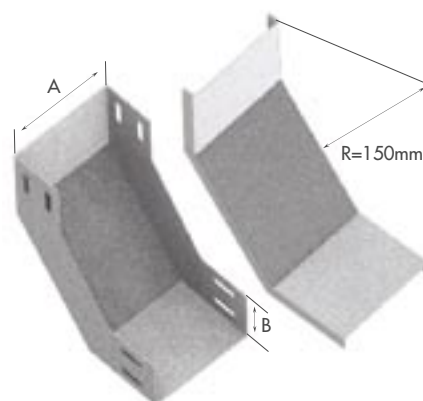


Cruzeta Horizontal
Ref. CKE 516

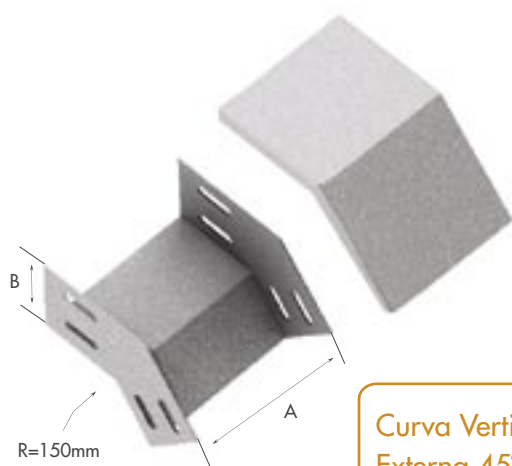
*Tampas vendidas separadamente.



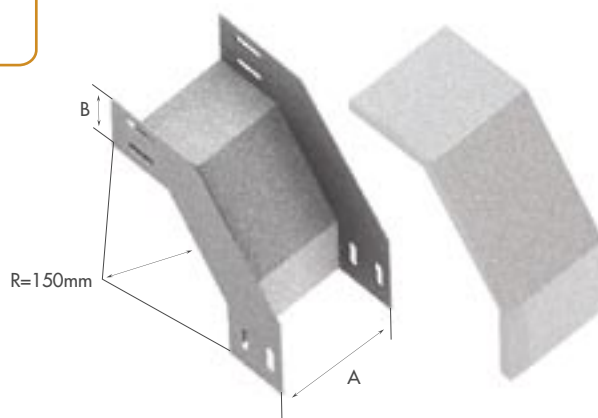
Curva Vertical
Interna 45°
Ref. CKE 517



Curva Vertical
Interna 90°
Ref. CKE 518

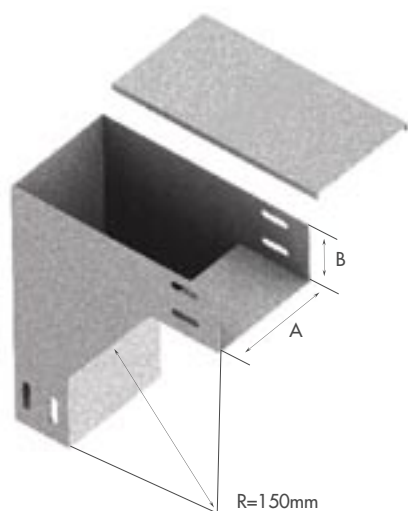


Curva Vertical
Externa 45°
Ref. CKE 519

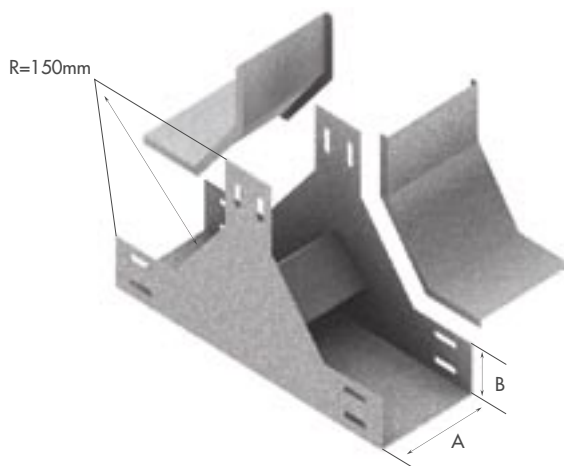


Curva Vertical
Externa 90°
Ref. CKE 520

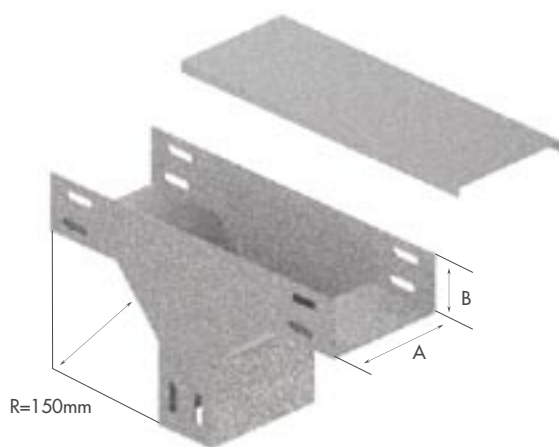
*Tampas vendidas separadamente.



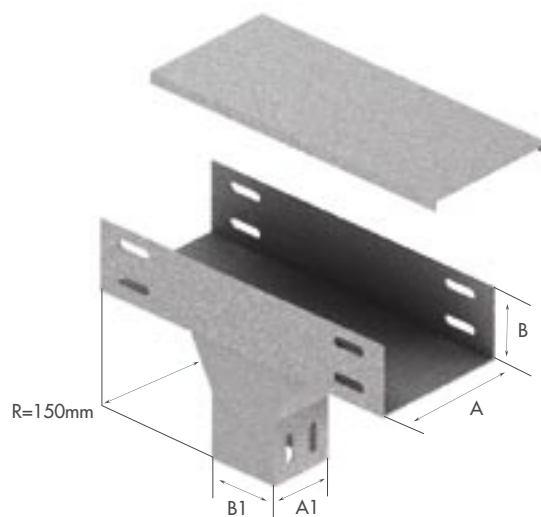
Curva de Inversão
Ref. CKE 521



Te Vertical Subida
Ref. CKE 522

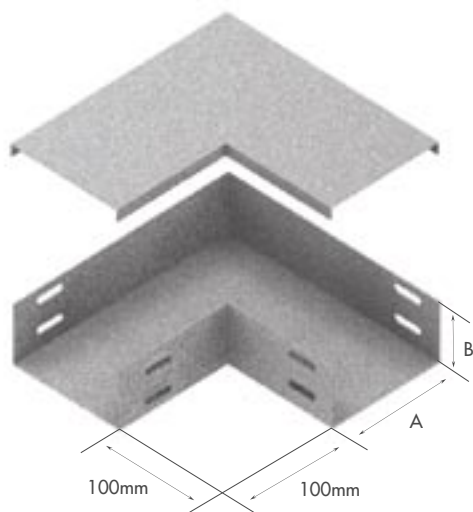


Te Vertical Descida
Ref. CKE 523

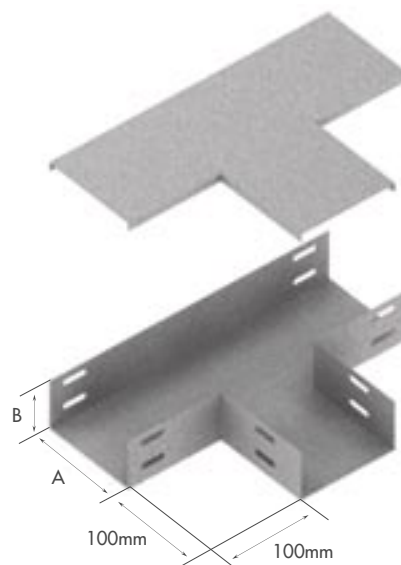


Te Vertical Descida
Lateral
Ref. CKE 524

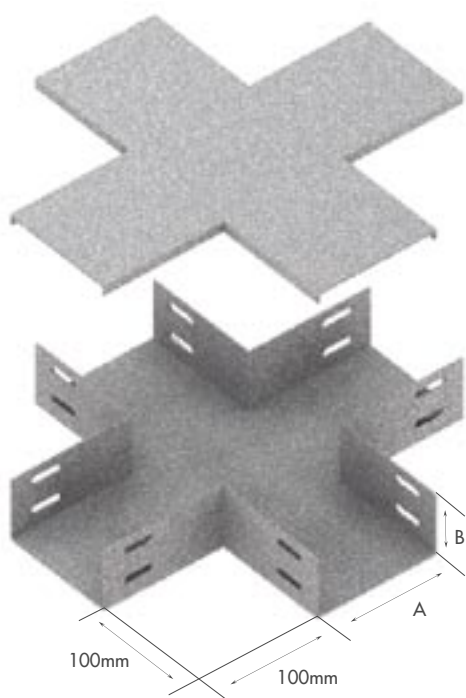
*Tampas vendidas separadamente.



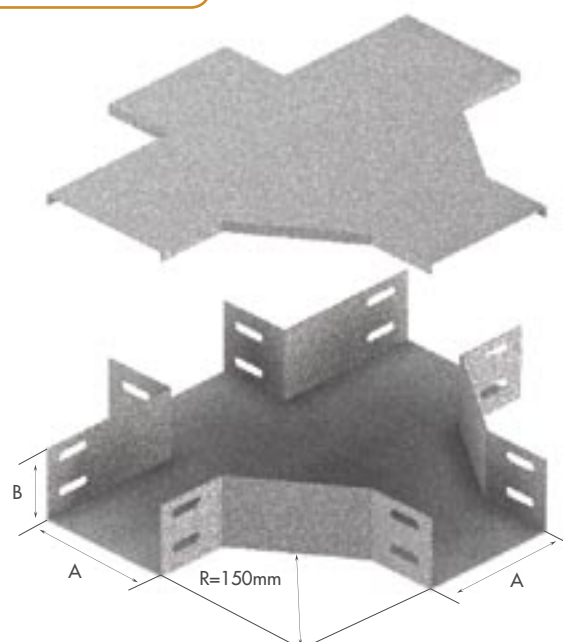
Cotovelo Reto 90°
Ref. CKE 525



Te Reto 90°
Ref. CKE 526

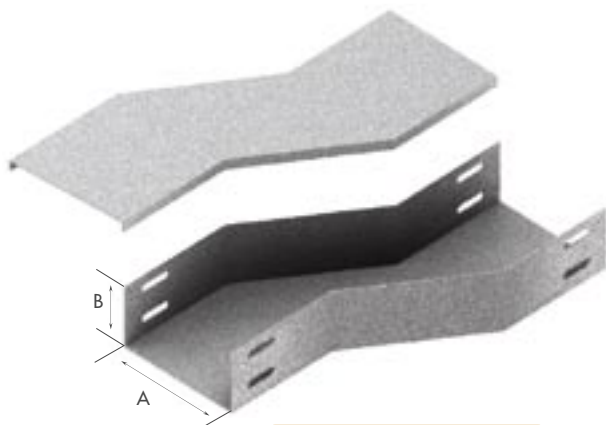


Cruzeta Reta
Ref. CKE 527

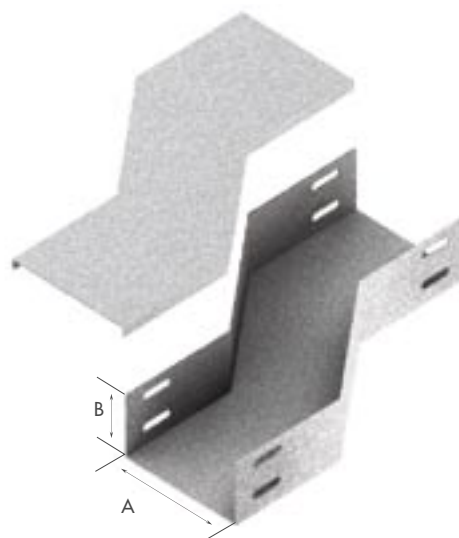


Cruzeta com
Passagem Reta
Ref. CKE 528

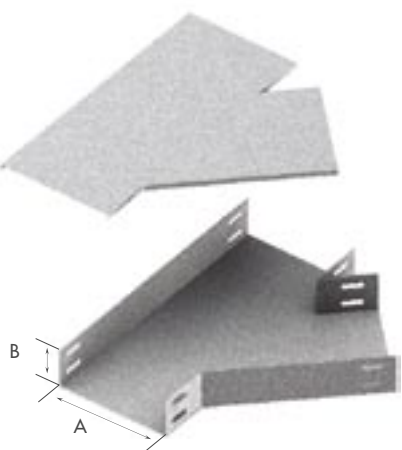
*Tampas vendidas separadamente.



Desvio à Direita 45°
Ref. CKE 529



Desvio à Esquerda 45°
Ref. CKE 530

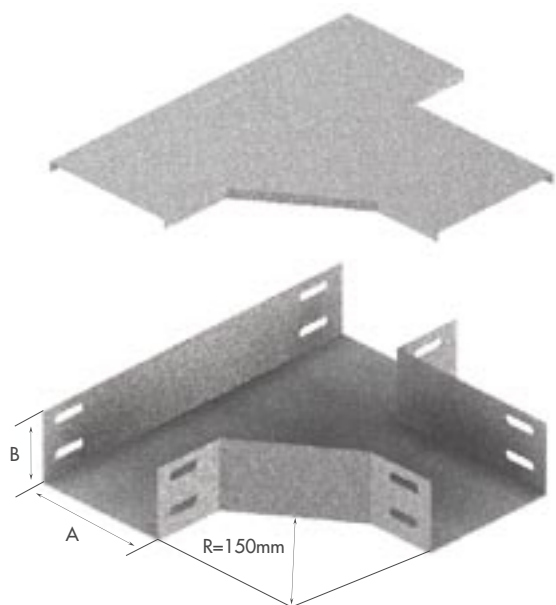


Junção à Direita 45°
Ref. CKE 531

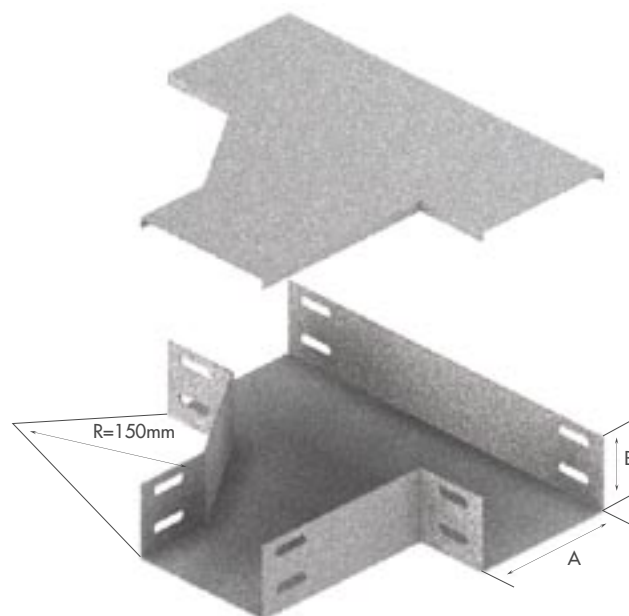


Junção à Esquerda 45°
Ref. CKE 532

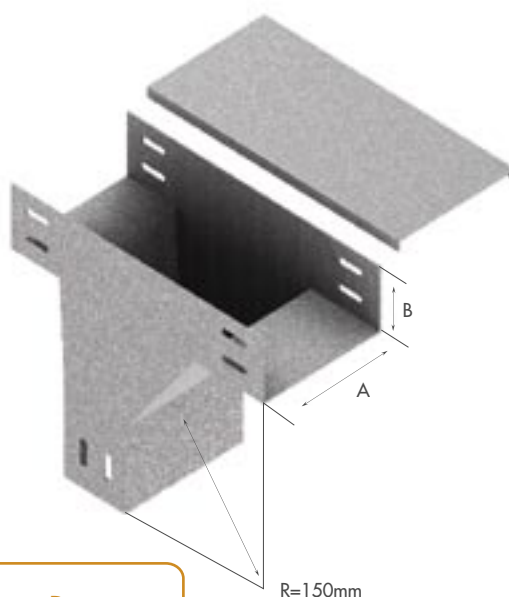
*Tampas vendidas separadamente.



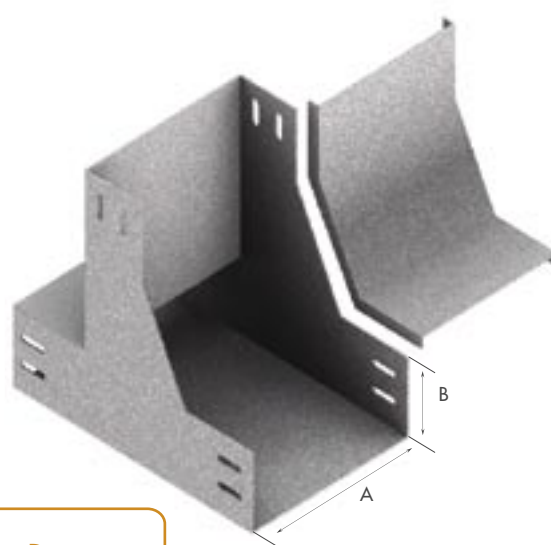
Junção à Direita 90°
Ref. CKE 533



Junção à Esquerda 90°
Ref. CKE 534

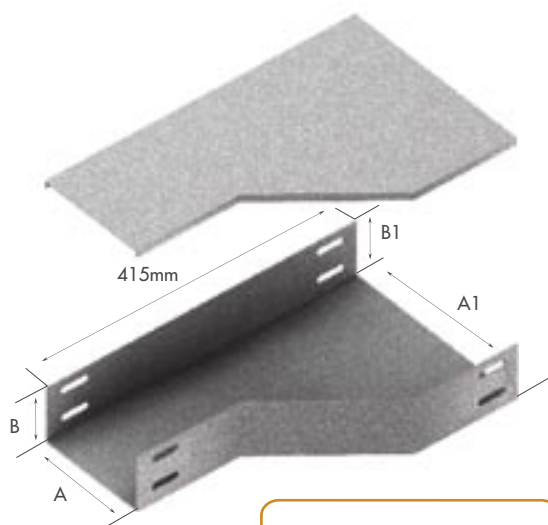


Curva com Passagem
Reta Descida
Ref. CKE 535

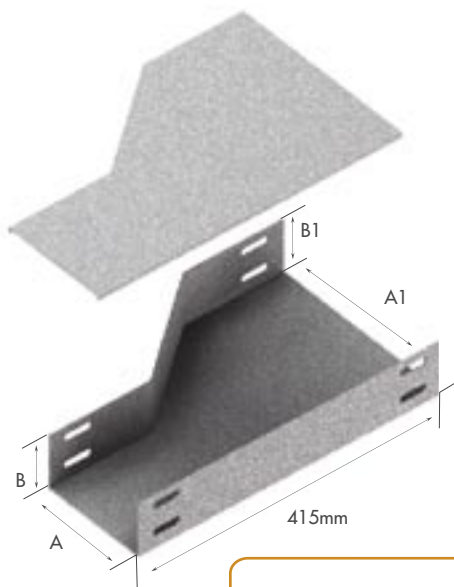


Curva com Passagem
Reta Subida
Ref. CKE 536

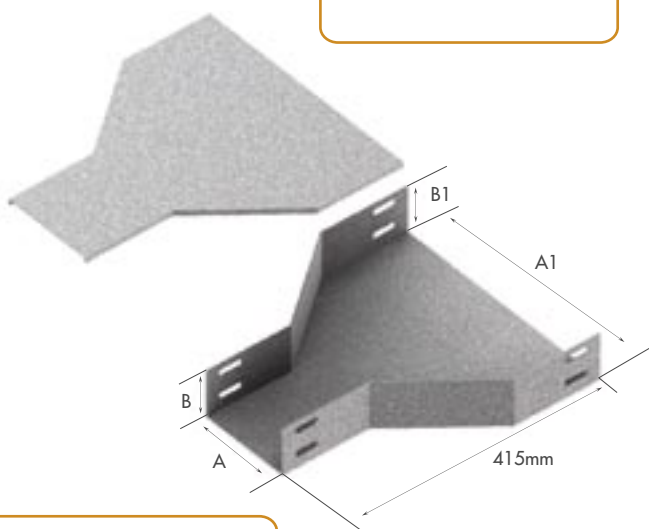
*Tampas vendidas separadamente.



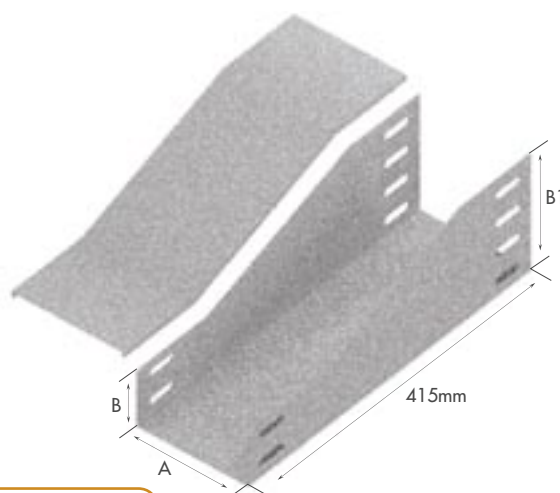
Redução à Direita
Ref. CKE 537



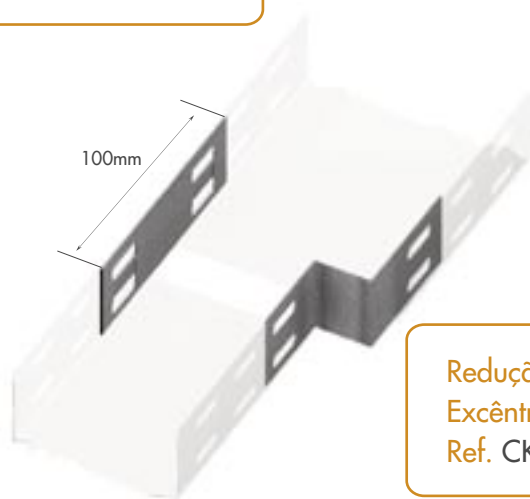
Redução à Esquerda
Ref. CKE 538



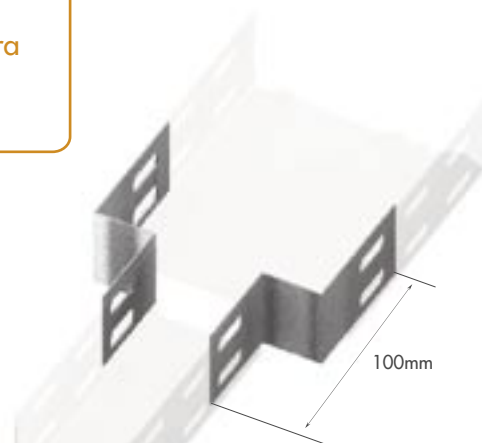
Redução Concêntrica
Ref. CKE 539



Redução de Altura
Ref. CKE 540

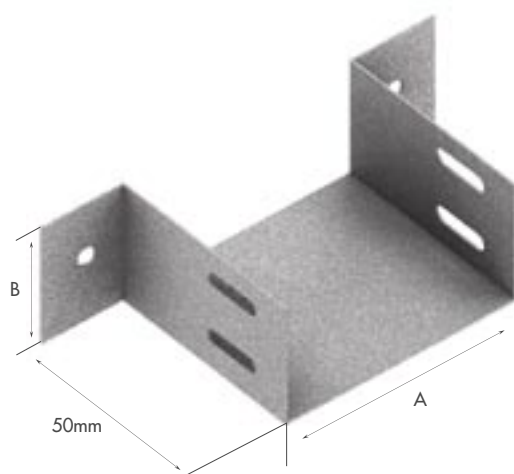


Redução Reta
Excêntrica
Ref. CKE 541

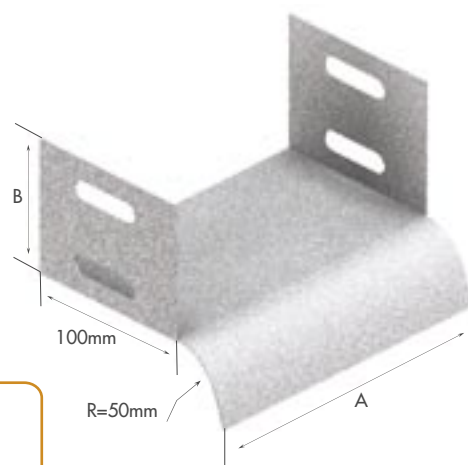


Redução Reta
Concêntrica
Ref. CKE 542

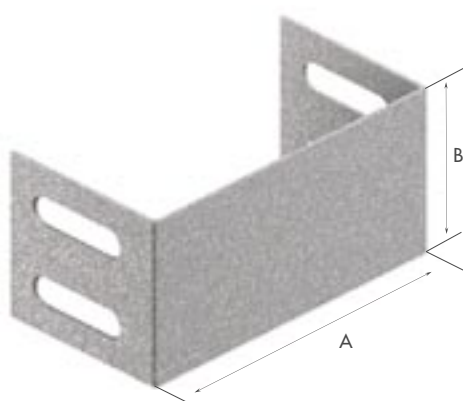
*Tampas vendidas separadamente.



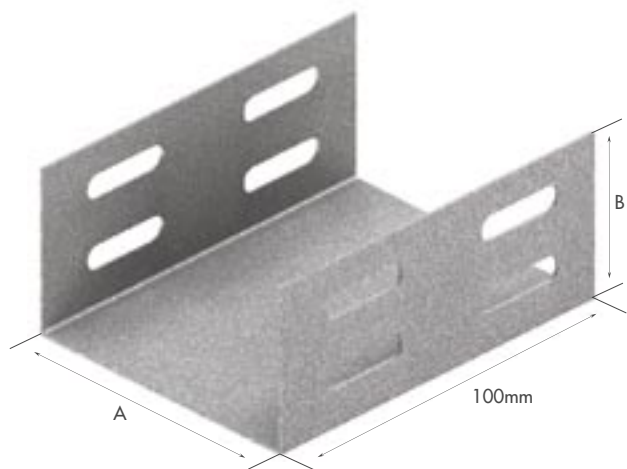
Flange para Ligação
em Pannel
Ref. CKE 543



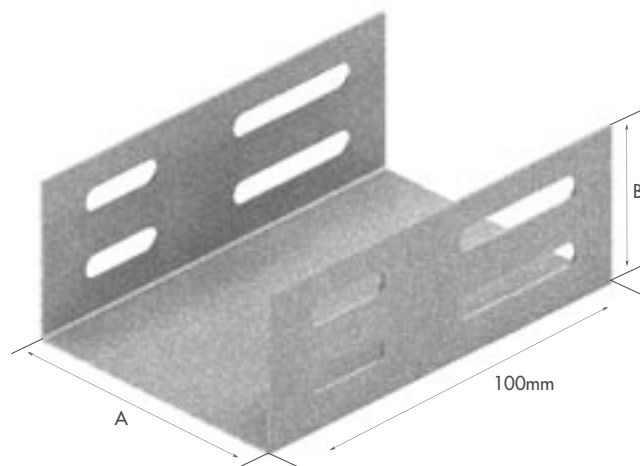
Gotejador
Ref. CKE 544



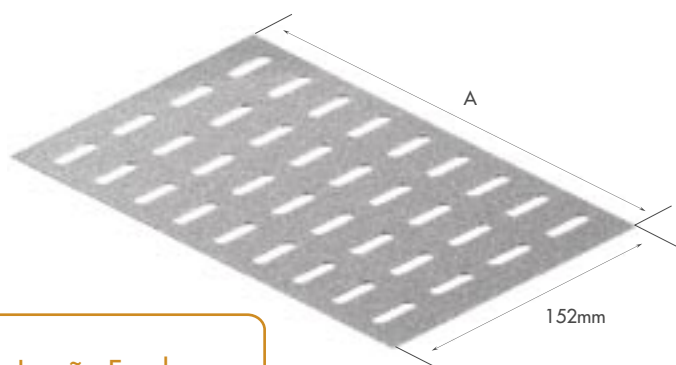
Terminal de
Fechamento
Ref. CKE 545



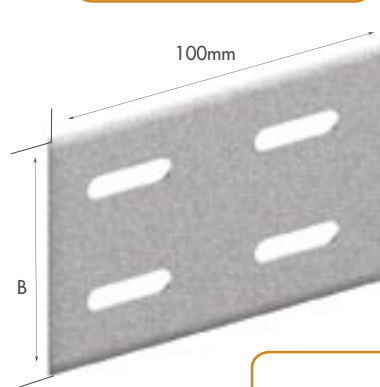
Emenda Interna
em "U"
Ref. CKE 546



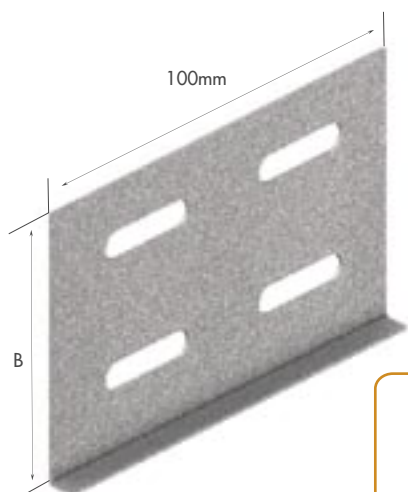
Emenda Telescópica
Ref. CKE 547



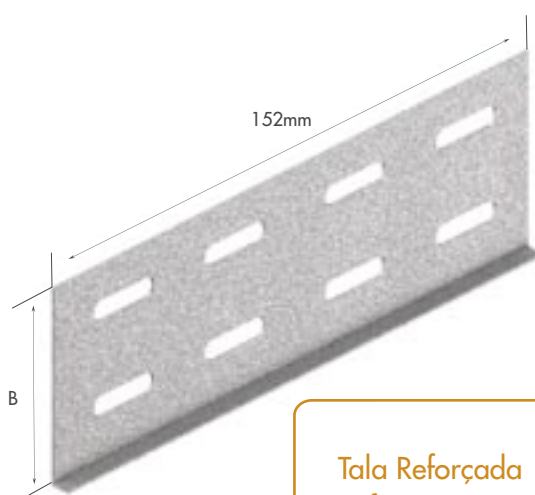
Junção Fundo
Ref. CKE 548



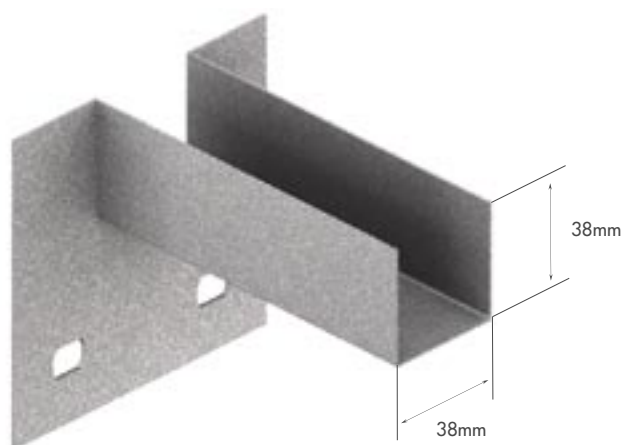
Tala Sem Reforço
Ref. CKE 549



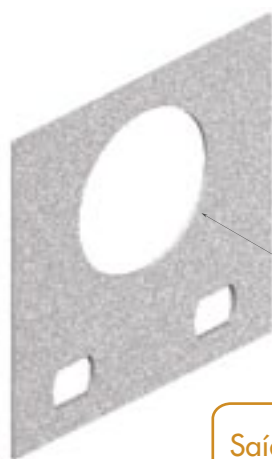
Tala Reforçada
Ref. CKE 550



Tala Reforçada
Ref. CKE 551



Acoplamento para
Perfilado
Ref. CKE 552

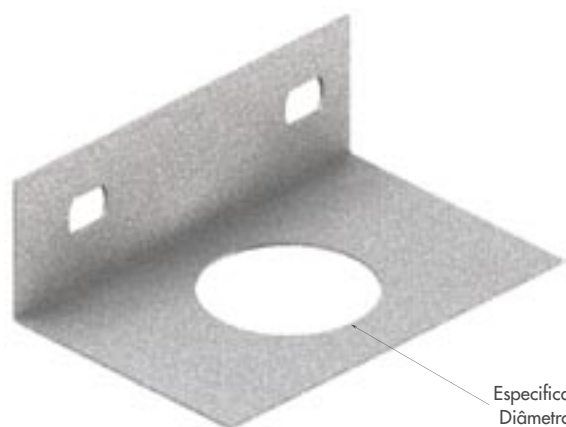


Especificar
Diâmetro

Saída Horizontal para
Eletroduto
Ref. CKE 553

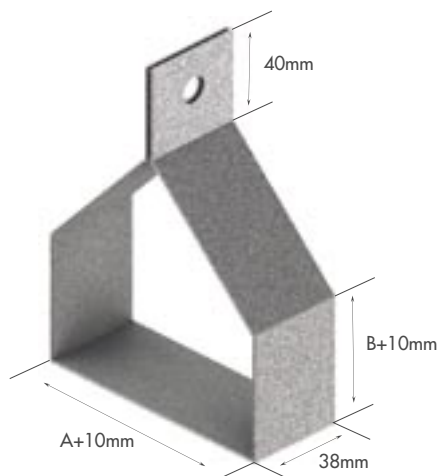
Saídas para Eletroduto
Ref. CKE 553 e 554

	Ø
A	1/2"
B	3/4"
C	1 1/4"
D	1"
E	1 1/2"
F	2"
G	2 1/2"
H	3"
I	4"

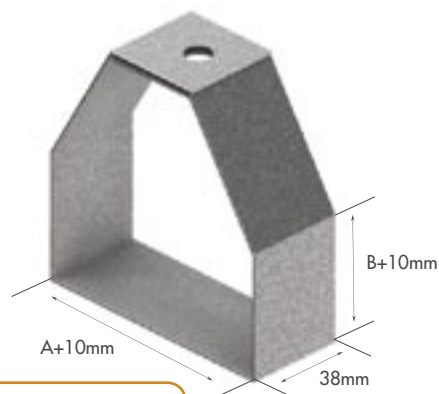


Especificar
Diâmetro

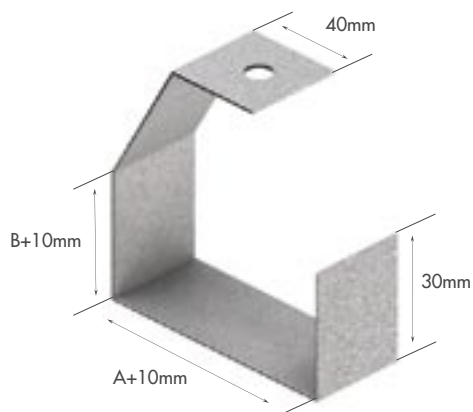
Saída Vertical para
Eletroduto
Ref. CKE 554



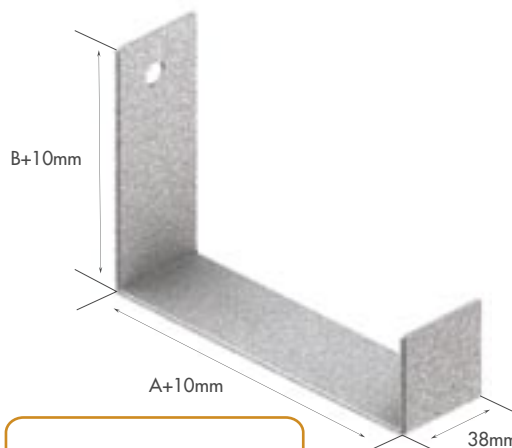
Suporte Horizontal
Ref. CKE 555



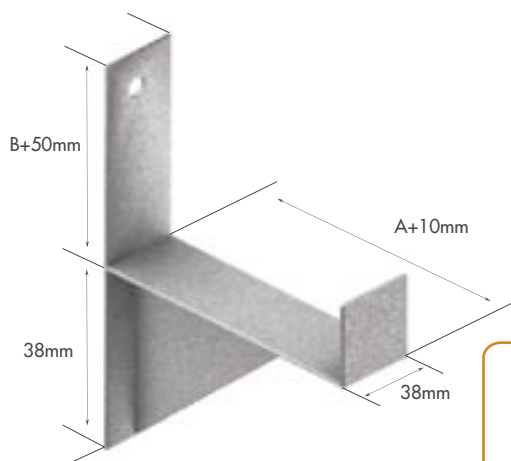
Suporte Vertical
Ref. CKE 556



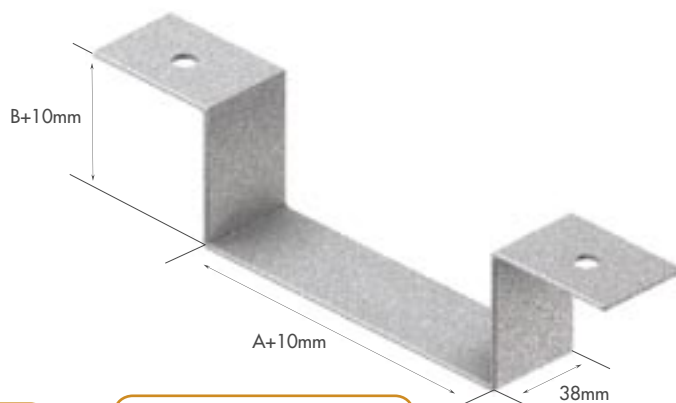
Suporte Simples
Ref. CKE 557



Suporte "U"
Ref. CKE 558



Suporte Reforçado
Ref. CKE 559



Suporte Ômega
Ref. CKE 560

Leitos

Suporte para encaminhamento de cabos, construído em chapa de aço carbono conforme as Normas: SAE 1008/1010, NBR 11888/2 e NBR 7013, constituído de duas longarinas dobradas em "U", provido de virolas de 19 mm ou 45 mm, voltadas para a parte interna ou externa e comprimento padrão de 3000 mm.

As longarinas são unidas paralelamente por travessas cravadas, de perfilado liso ou perfurado, dispostas alternadamente ou não, com dimensões de 19x38mm ou 38x38mm, espaçadas entre si a cada 200 mm, 250 mm ou 500 mm, resultando em um conjunto estrutural rígido. Possuem furos oblongos nas extremidades padrão KENNEDY, com dimensões de 10x13mm, para união e ajustes entre si e aos demais componentes.

Possui completa linha de acessórios, os quais seguem as mesmas características construtivas dos leitos, e forma geométrica própria para atender as mais diversas situações de montagem e distribuição de cabos, sendo o raio seccionado conforme o tipo de leito, ou seja, 320 mm para os leitos tipo leve, médio, médio especial e pesado; e 645 mm para os leitos tipo super pesado. Poderá ser fornecido nos raios 520 mm ou 895 mm, mediante solicitação prévia.

São utilizados para passagem de circuitos, condução e distribuição de cabos leves e pesados de energia elétrica, telefonia e dados, em qualquer tipo de instalação elétrica, tais como galpões industriais, comerciais, entre outras.

Como principais vantagens podemos citar a facilidade para inspeção e/ou manutenção da rede, ampliação da linha e máxima utilização da capacidade de fios e cabos, já que o sistema possui completa ventilação.

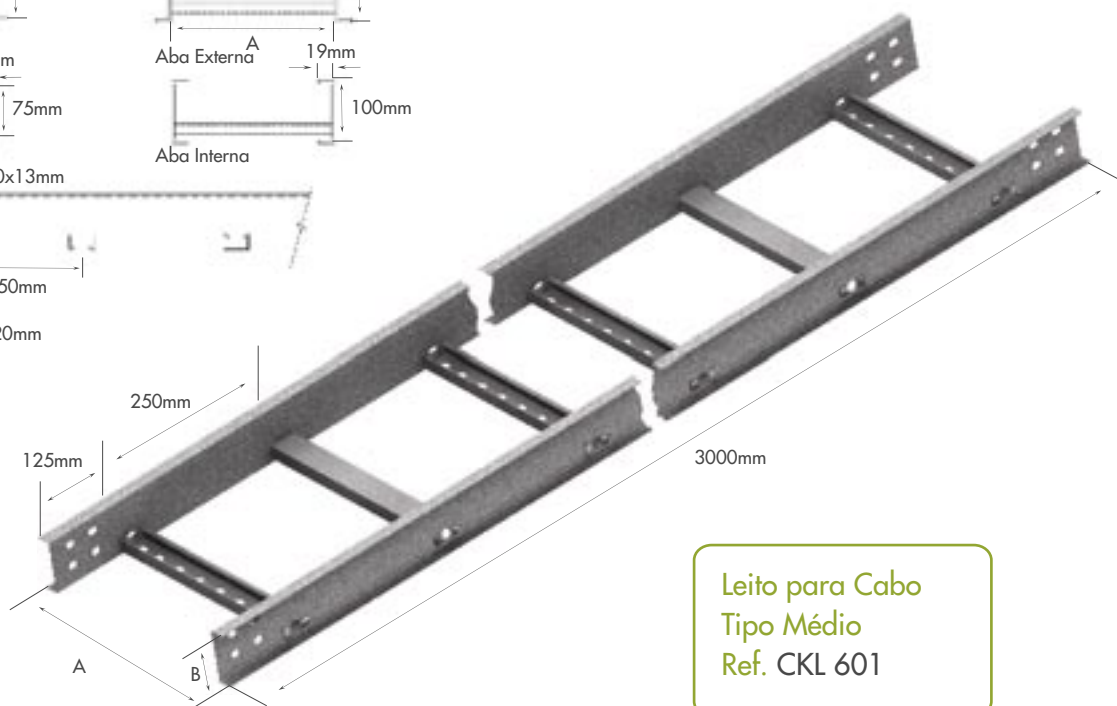
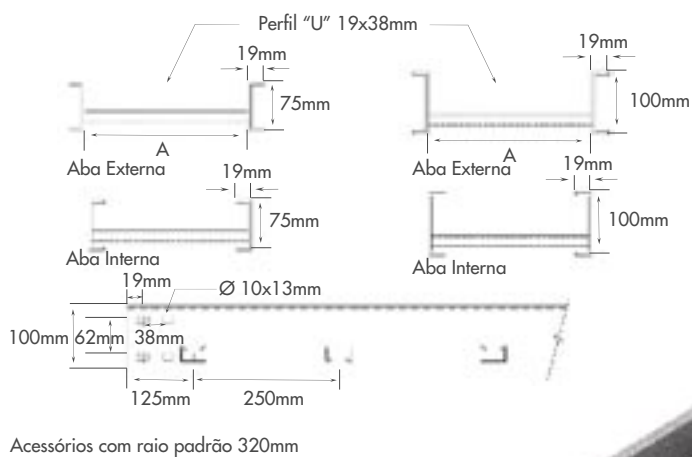
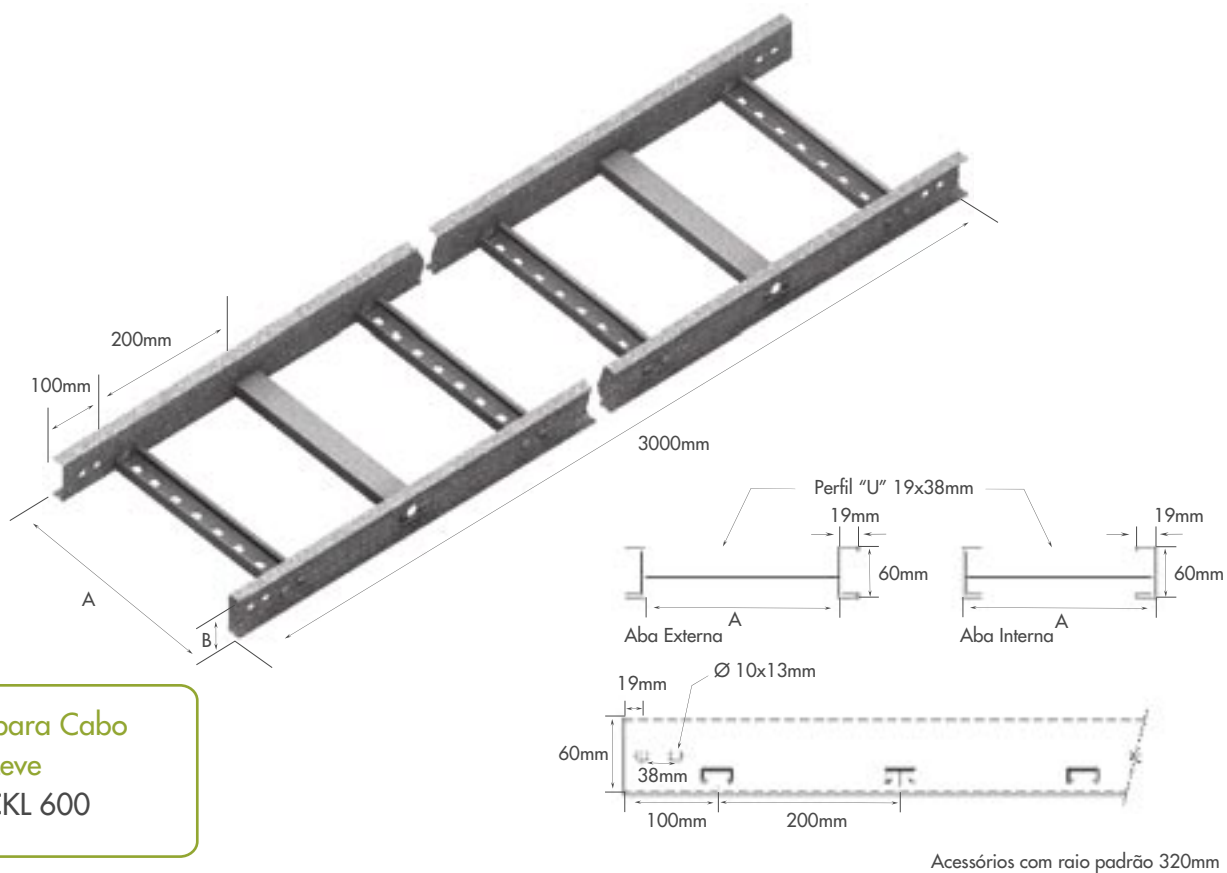
Os leitos para cabos são indicados para instalações em áreas que não se tenha preocupação com a estética, já que ficam visíveis os fios e cabos.



Leitos para Cabos

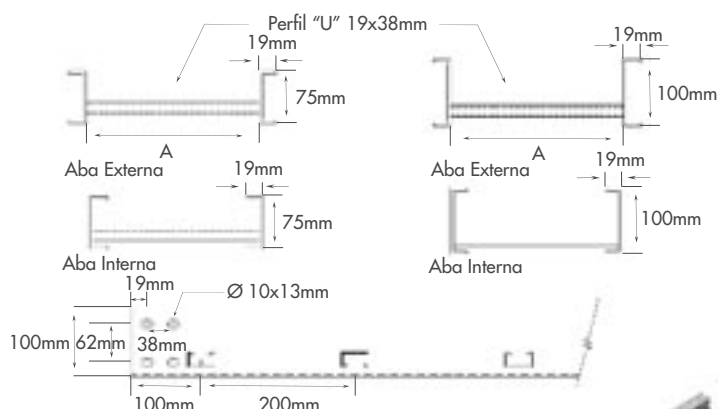
46

Leito para Cabo
Tipo Leve
Ref. CKL 600

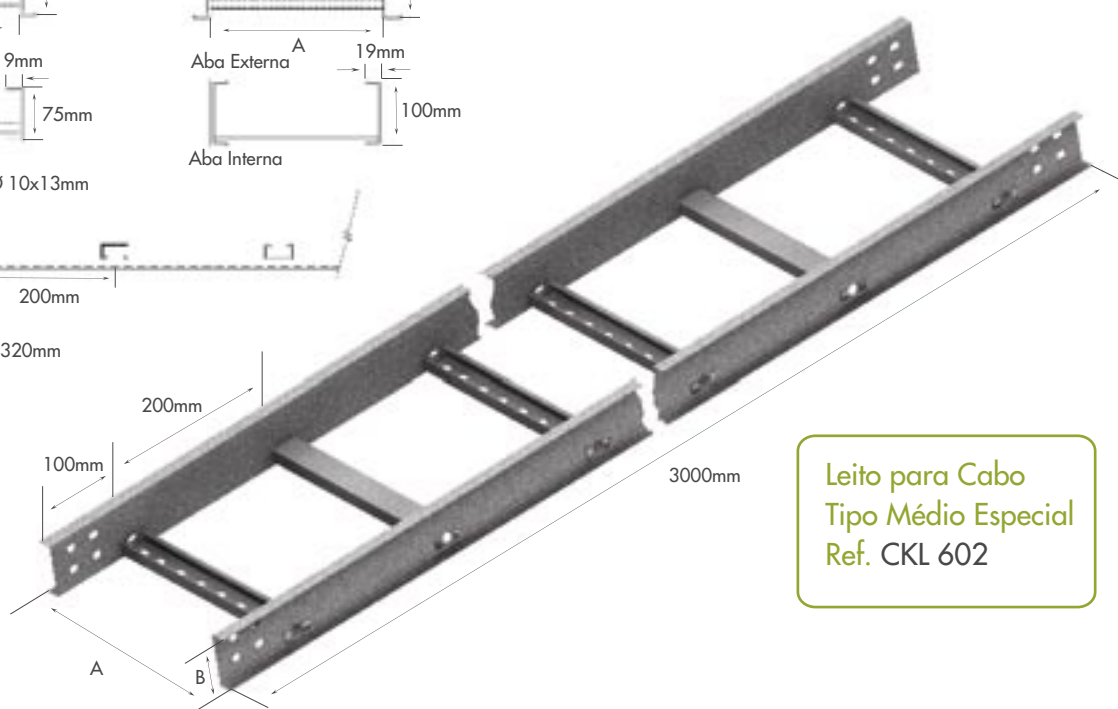


Leito para Cabo
Tipo Médio
Ref. CKL 601

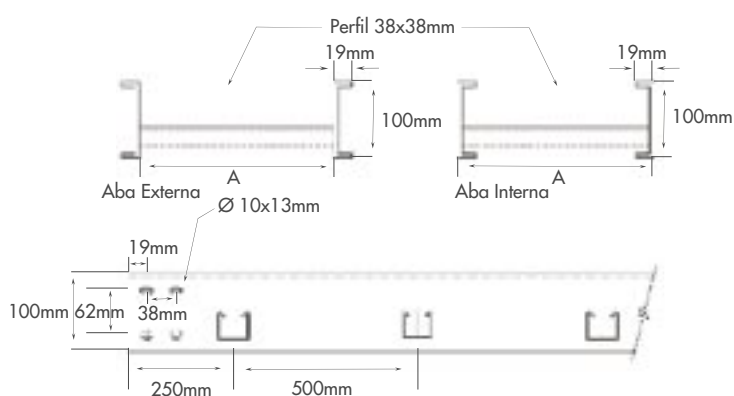
Leitos para Cabos



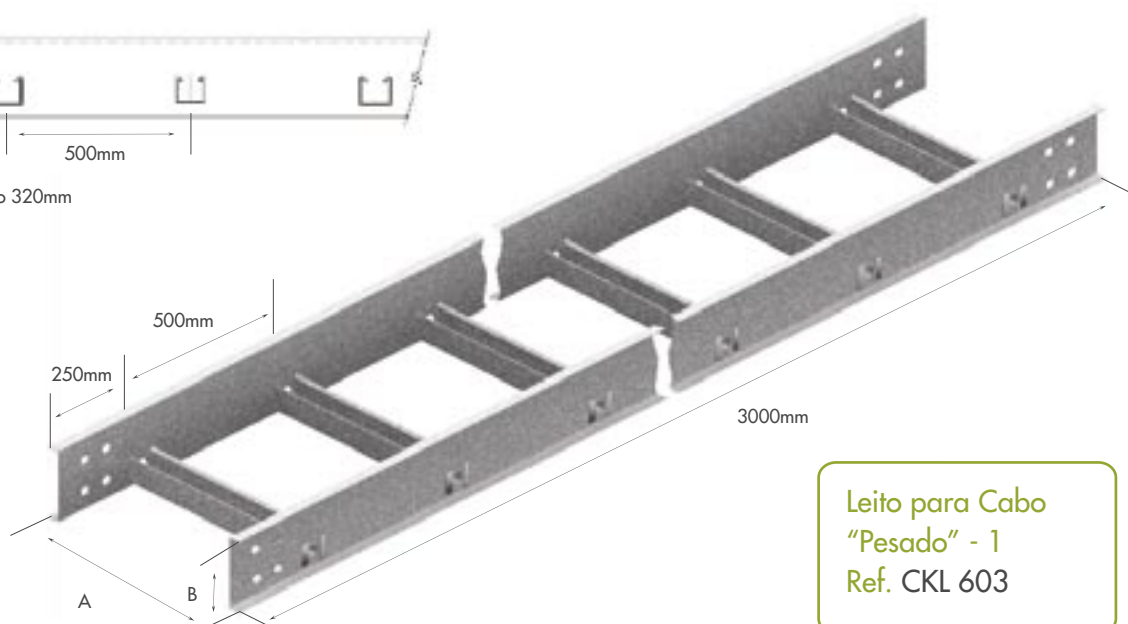
Acessórios com raio padrão 320mm



Leito para Cabo
Tipo Médio Especial
Ref. CKL 602

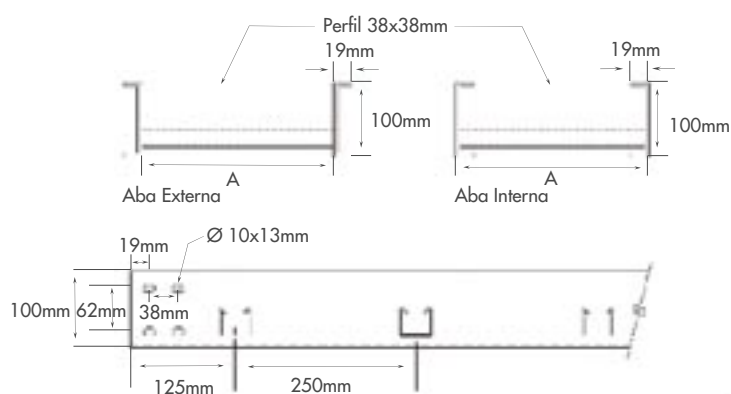


Acessórios com raio padrão 320mm

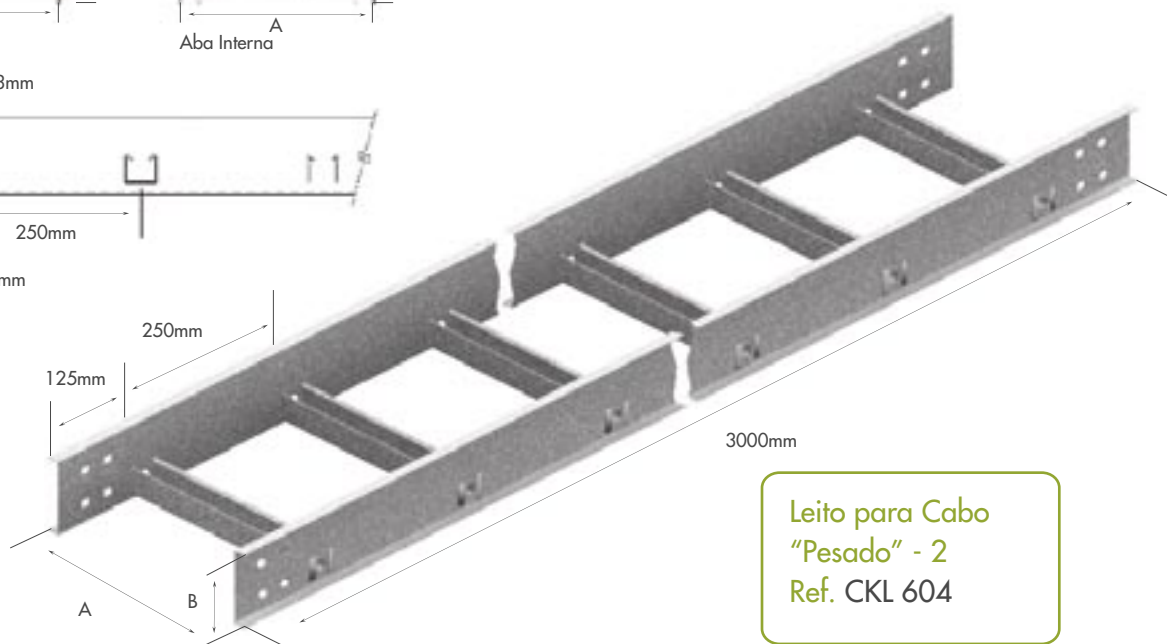


Leito para Cabo
"Pesado" - 1
Ref. CKL 603

Leitos para Cabos

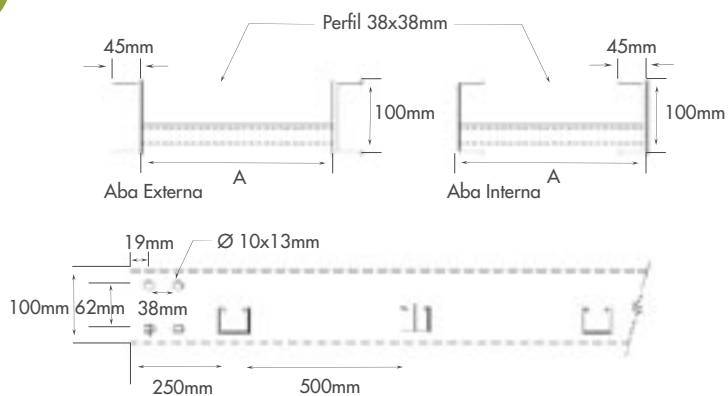


Acessórios com raio padrão 320mm

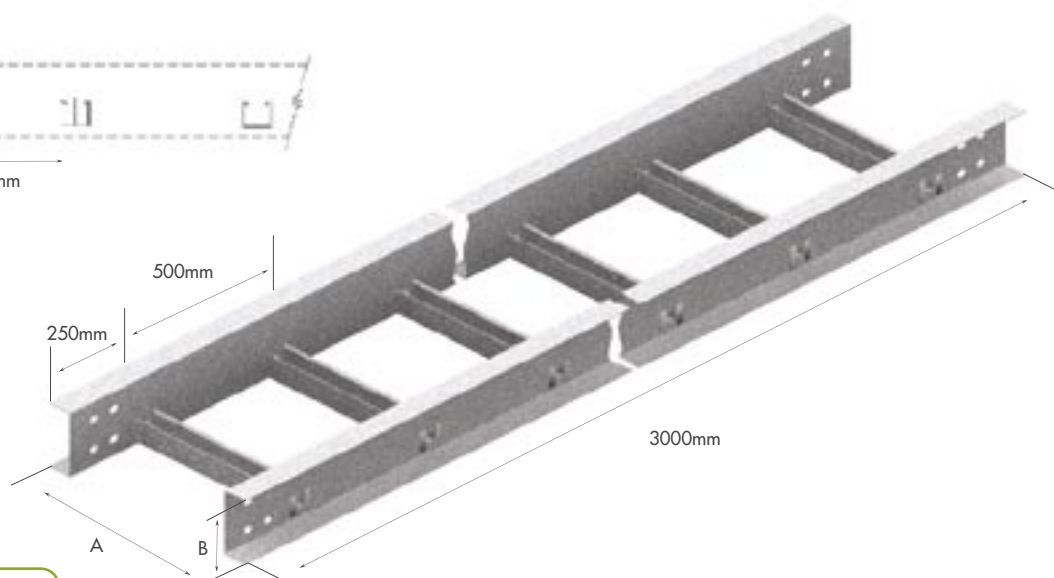


Leito para Cabo
"Pesado" - 2
Ref. CKL 604

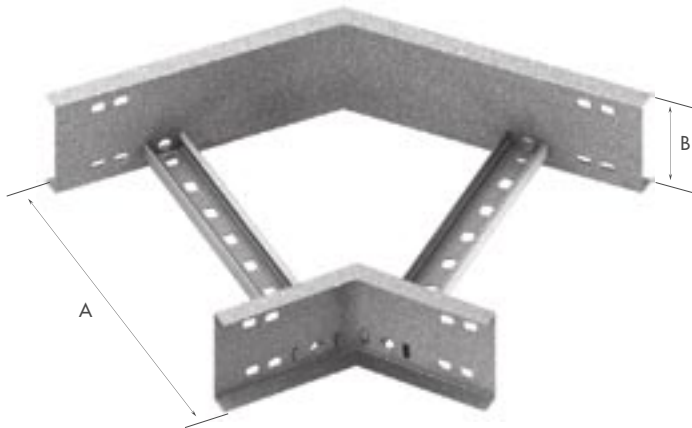
48



Acessórios com raio padrão 645mm



Leito para Cabo
"Super Pesado"
Ref. CKL 605



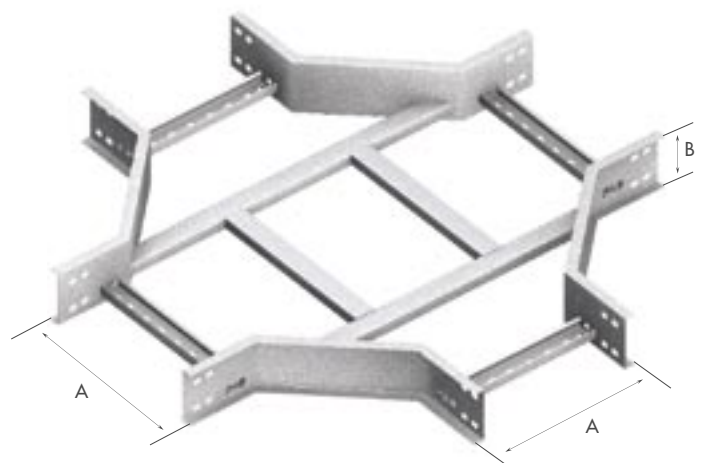
Curva Horizontal 45°
Ref. CKL 606



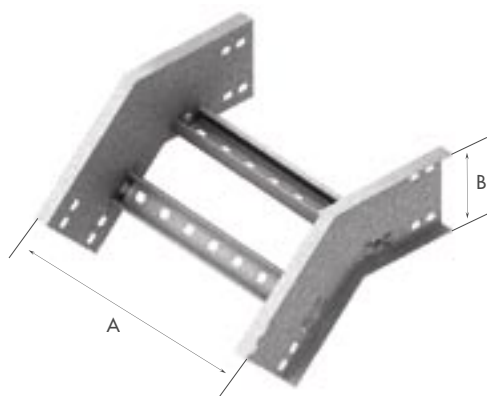
Curva Horizontal 90°
Ref. CKL 607



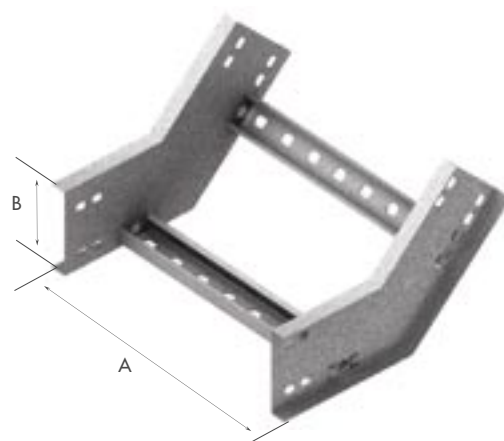
Te Horizontal 90°
Ref. CKL 608



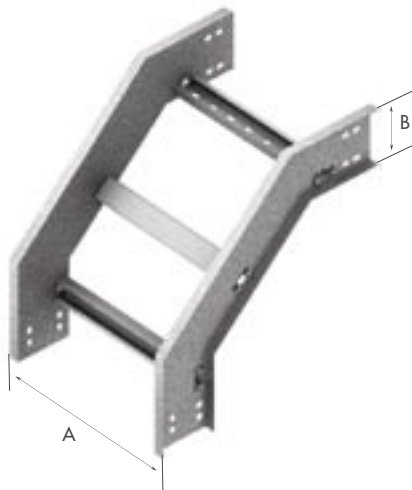
Cruzeta Horizontal
Ref. CKL 609



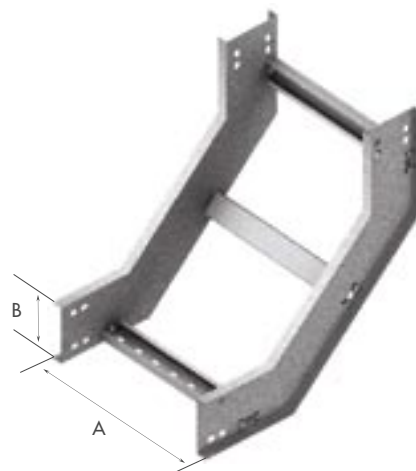
Curva Vertical
Externa 45°
Ref. CKL 610



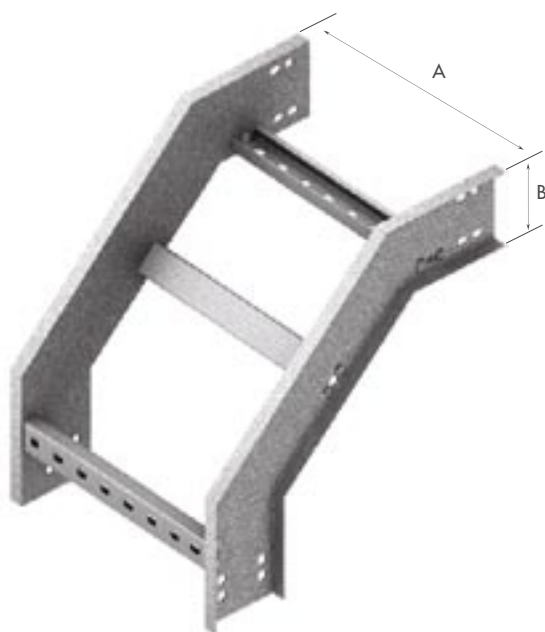
Curva Vertical
Interna 45°
Ref. CKL 611



Curva Vertical
Externa 90°
Ref. CKL 612



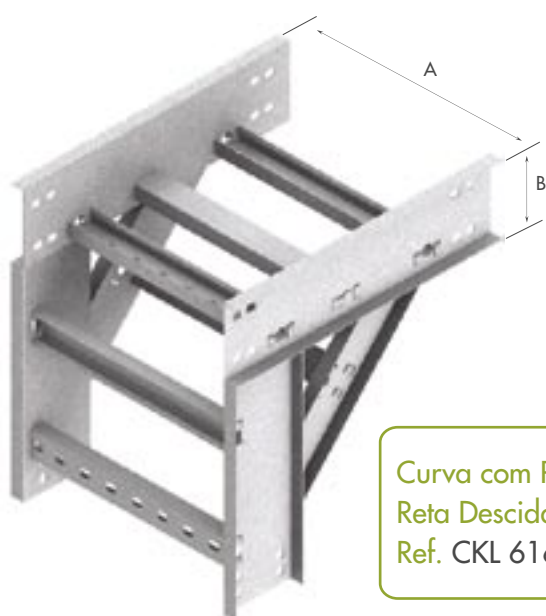
Curva Vertical
Interna 90°
Ref. CKL 613



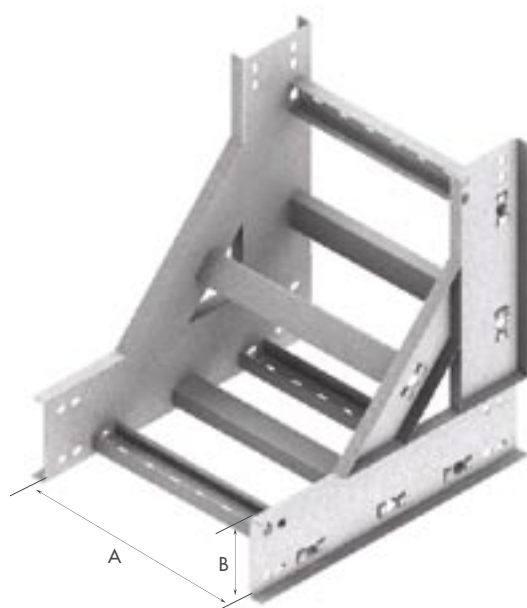
Curva de Inversão
Ref. CKL 614



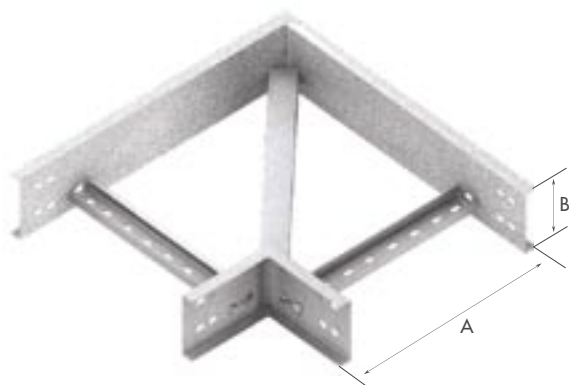
Curva Vertical
Articulada
Ref. CKL 615



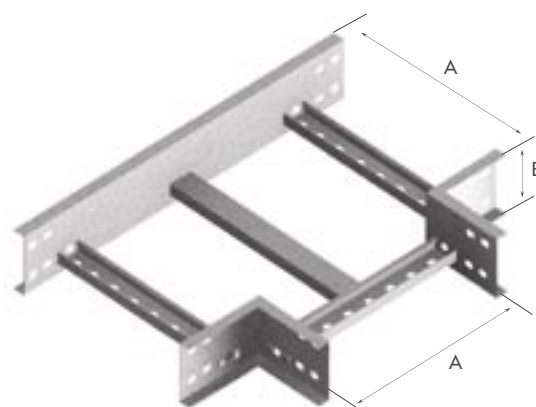
Curva com Passagem
Reta Descida
Ref. CKL 616



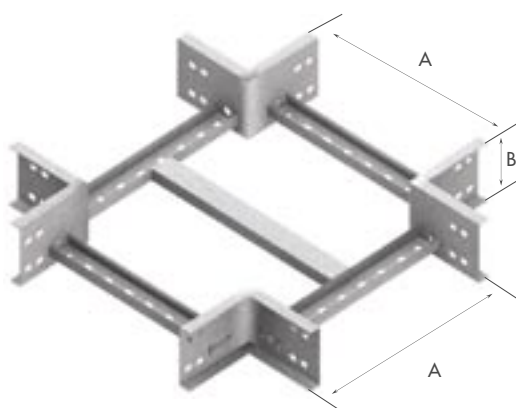
Curva com Passagem
Reta Subida
Ref. CKL 617



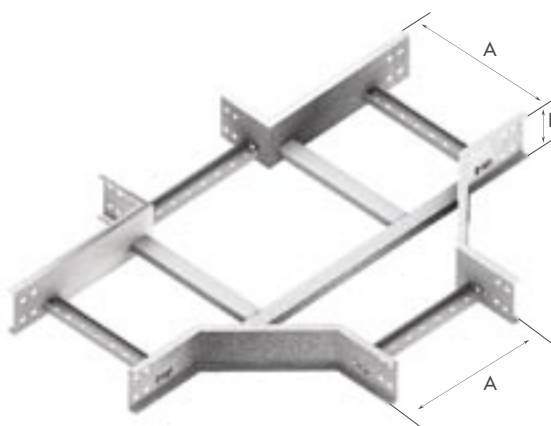
Cotovelo Reto 90°
Ref. CKL 618



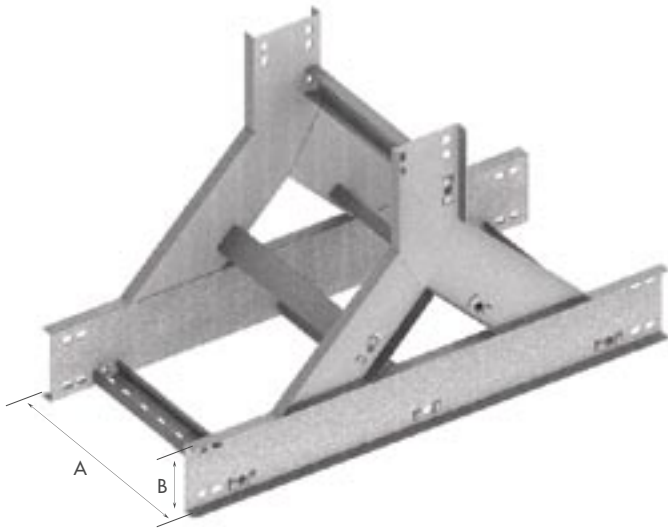
Te Reto 90°
Ref. CKL 619



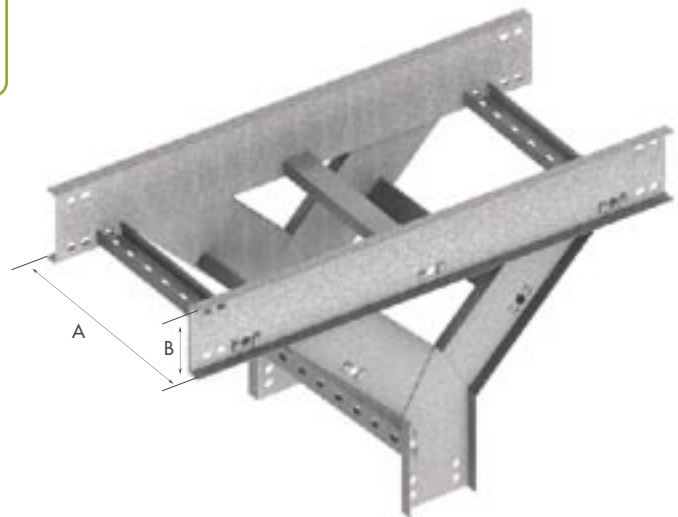
Cruzeta Reta
Ref. CKL 620



Cruzeta com 1
Saída Reta
Ref. CKL 621



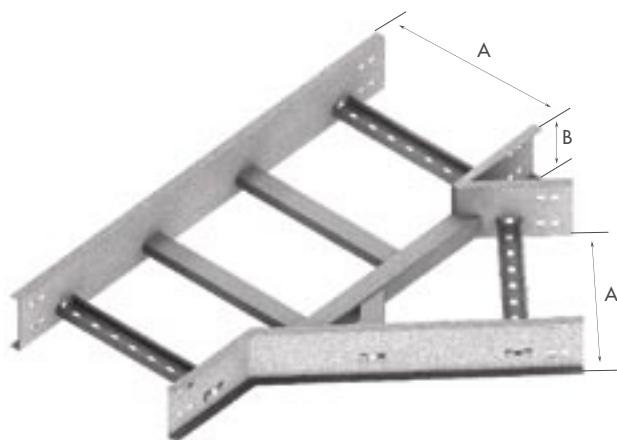
Te Vertical Subida
Ref. CKL 622



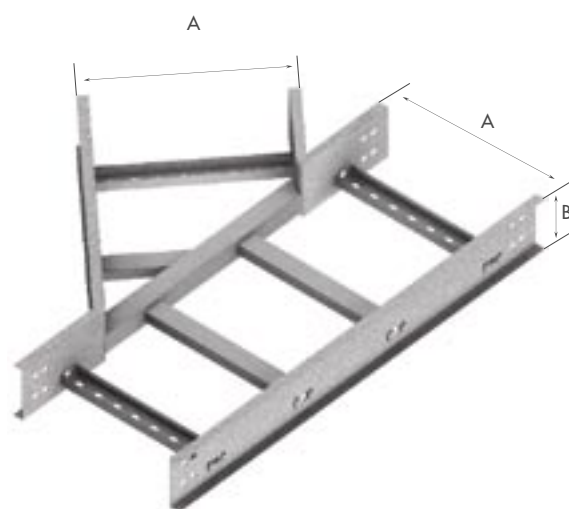
Te Vertical Descida
Ref. CKL 623



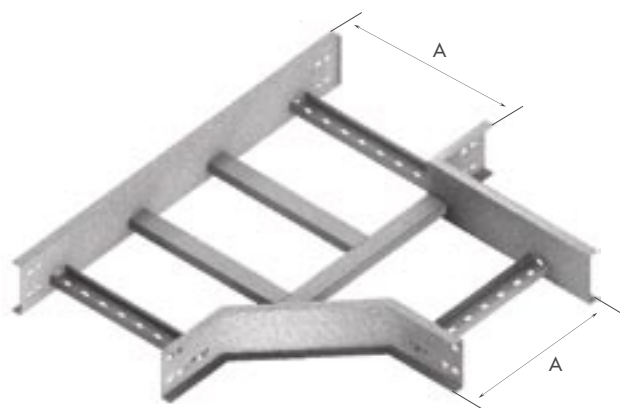
Te Vertical Descida
Lateral
Ref. CKL 624



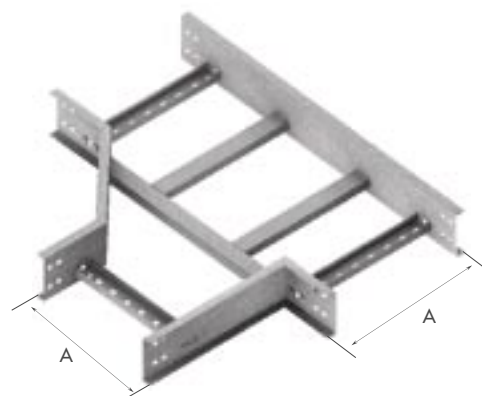
Junção Direita 45°
Ref. CKL 625



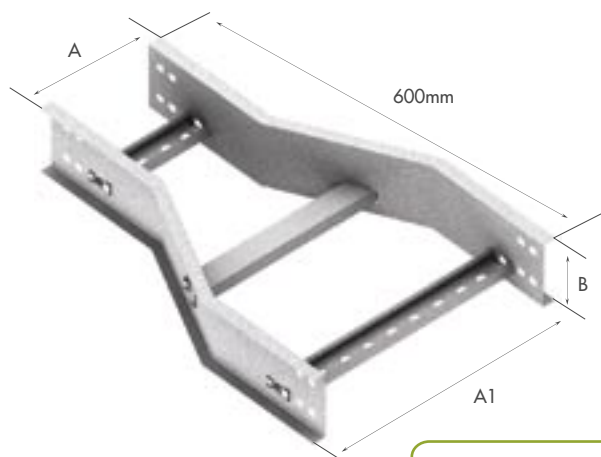
Junção Esquerda 45°
Ref. CKL 626



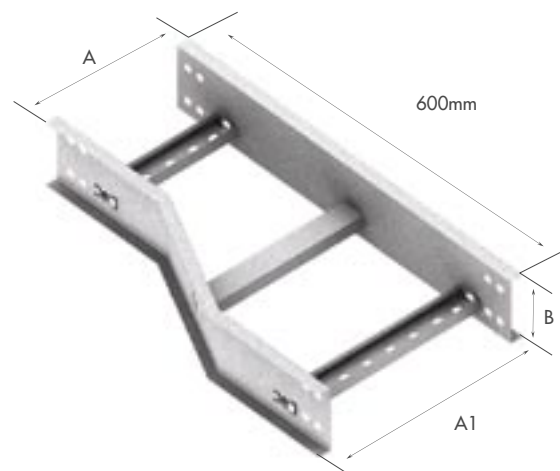
Junção Direita 90°
Ref. CKL 627



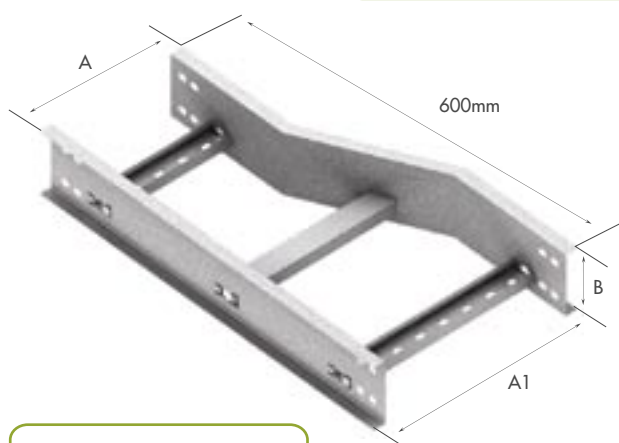
Junção Esquerda 90°
Ref. CKL 628



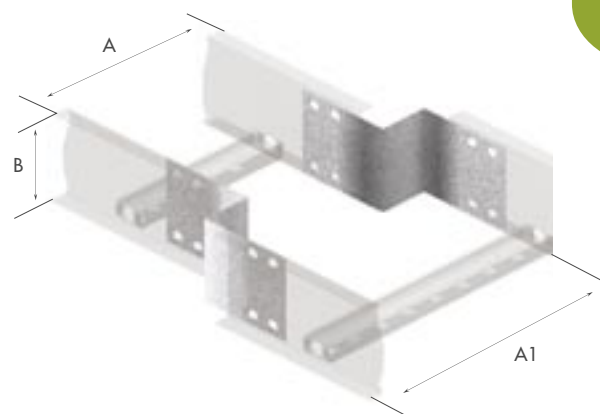
Redução Concêntrica
Ref. CKL 629



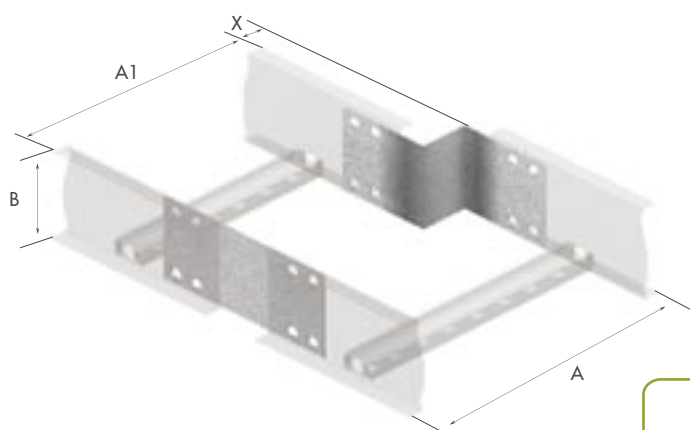
Redução Direita
Ref. CKL 630



Redução Esquerda
Ref. CKL 631

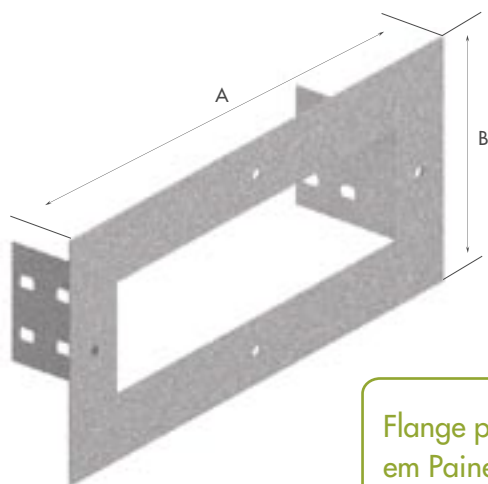


Redução Reta
Concêntrica
Ref. CKL 632

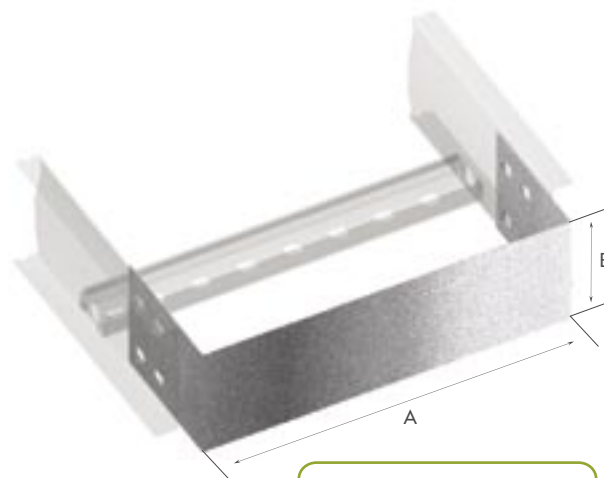


Redução Reta
Excêntrica
Ref. CKL 633

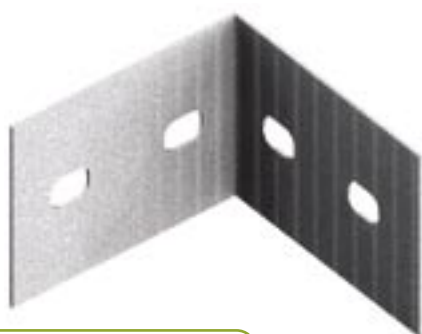
Leitos para Cabos



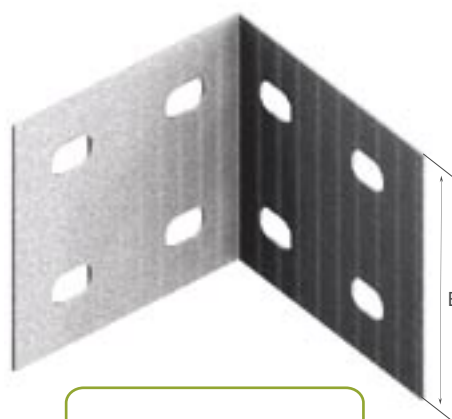
Flange para Ligação
em Pannel
Ref. CKL 634



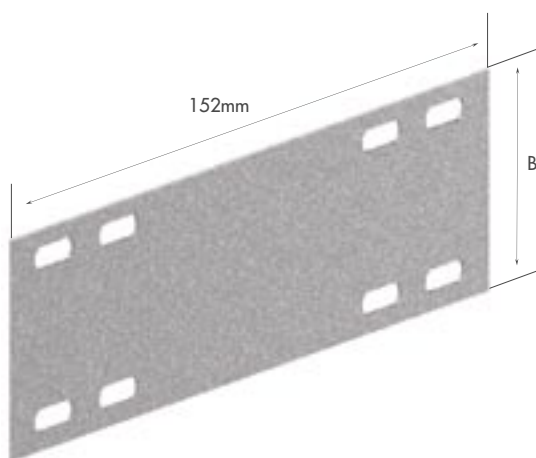
Terminal de
Fechamento para
Leito
Ref. CKL 635



Junção Reta 90°
para Leito Aba 60mm
Ref. CKL 636



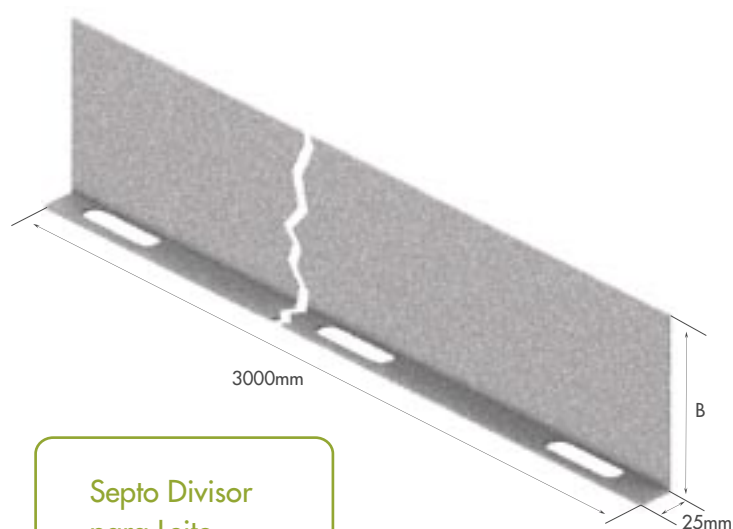
Junção Reta 90°
Ref. CKL 637



Junção Simples
para Leito
Ref. CKL 638

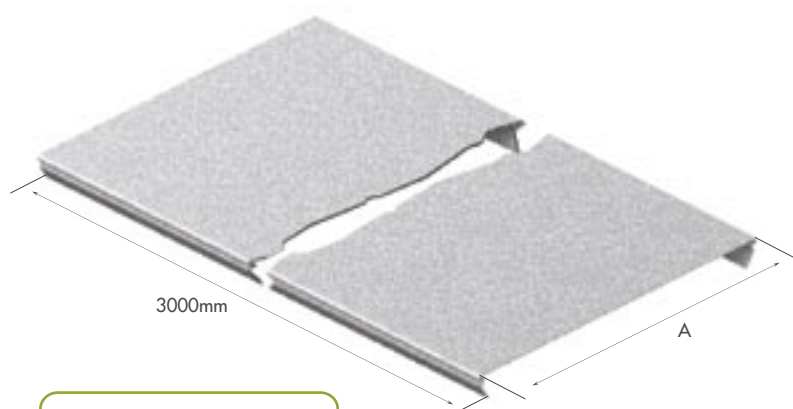


Junção Articulada
Ref. CKL 639



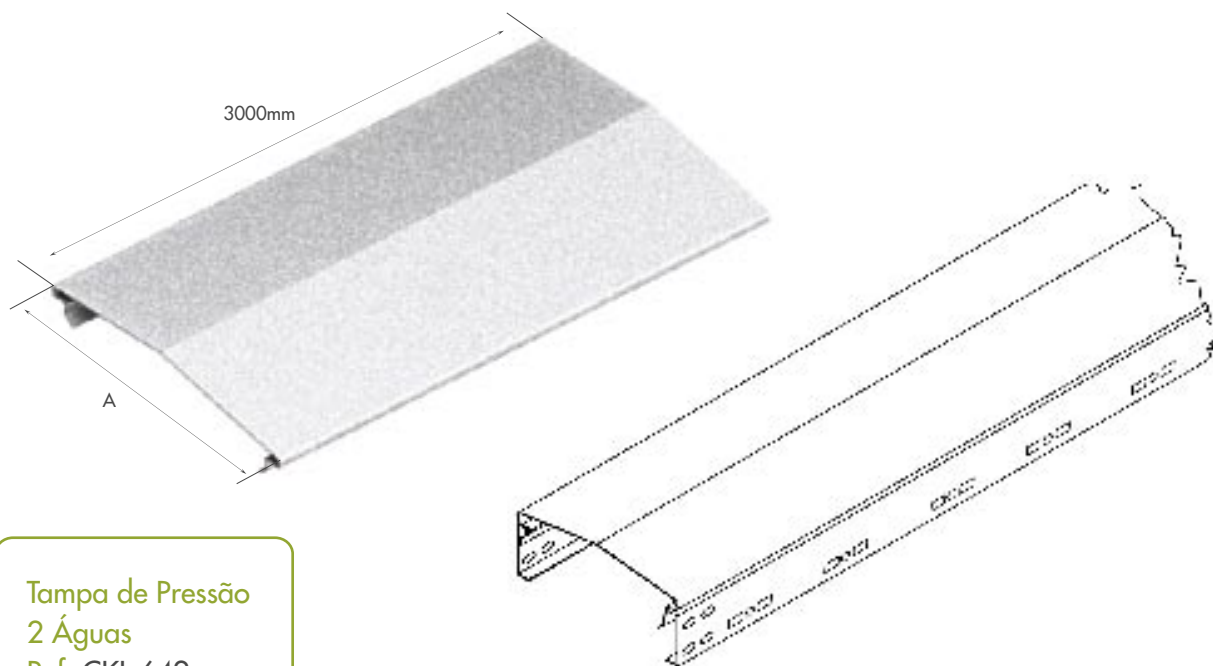
Septo Divisor
para Leito
Ref. CKL 640

57

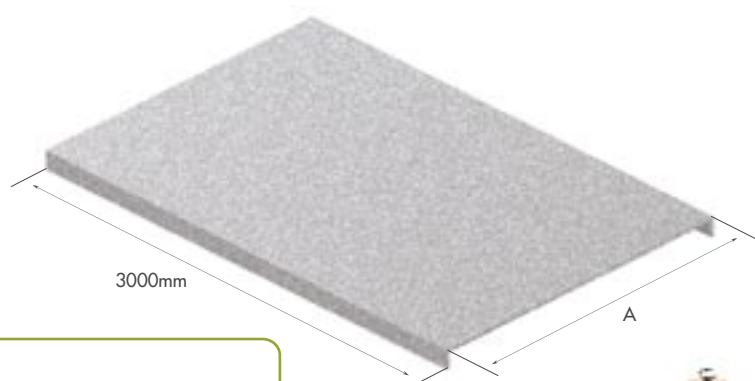


Tampa de Pressão
Ref. CKL 641

Leitos para Cabos



Tampa de Pressão
2 Águas
Ref. CKL 642



Tampa de Encaixe
Ref. CKL 643



Presilha para Tampa
Ref. CKL 644

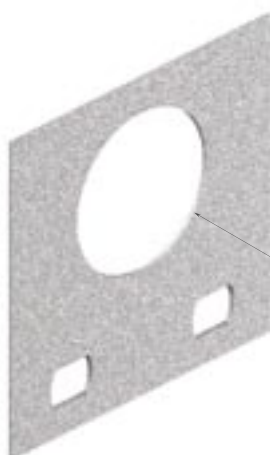


Grapa Fixa
Ref. CKL 645



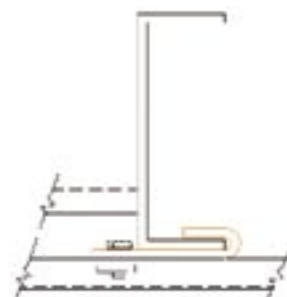
Saídas para Eletroduto
Ref. CKE 647 e 648

	Ø
A	1/2"
B	3/4"
C	1 1/4"
D	1"
E	1 1/2"
F	2"
G	2 1/2"
H	3"
I	4"

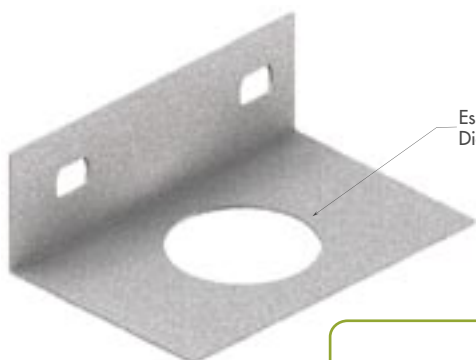


Especificar
Diâmetro

Saída Horizontal
para Eletroduto
Ref. CKL 647

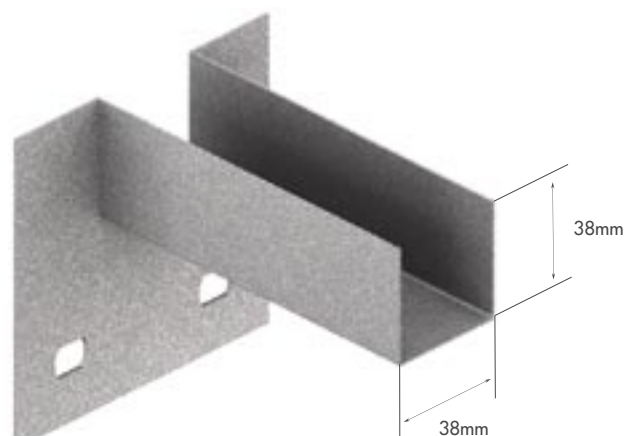


Grapa Guia
Ref. CKL 646

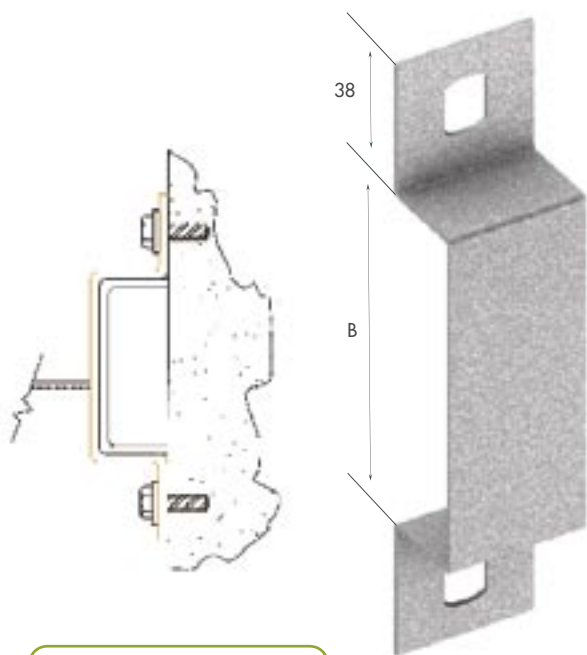


Especificar
Diâmetro

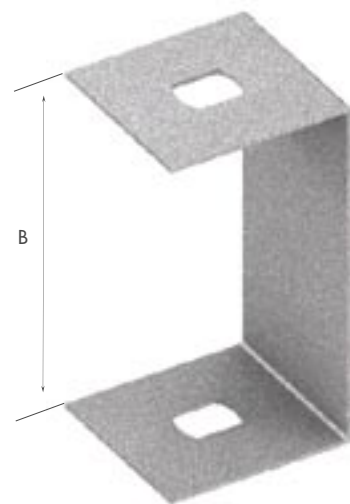
Saída Vertical para
Eletroduto
Ref. CKL 648



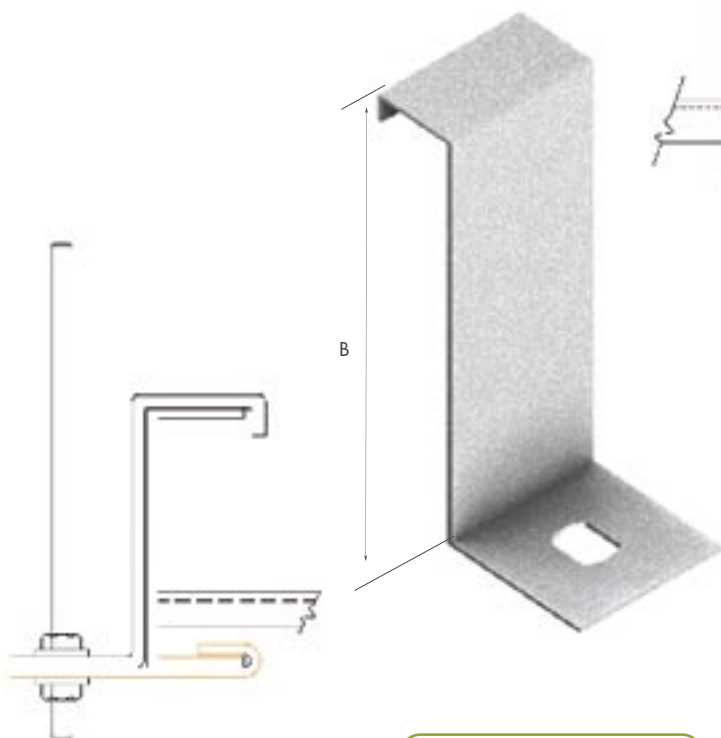
Acoplamento para
Perfilado
Ref. CKL 649



Suporte Fixação
Lateral
Ref. CKL 650

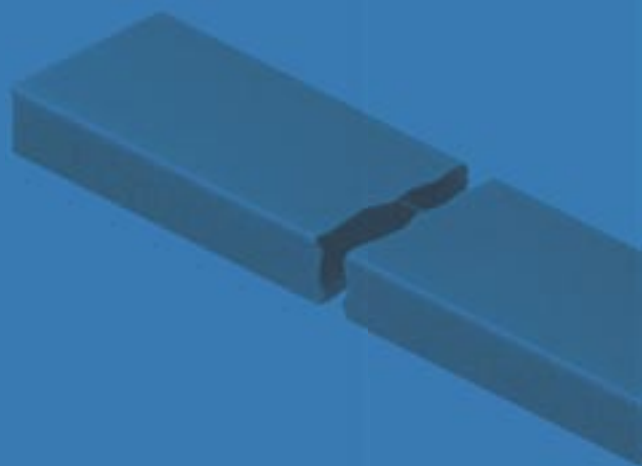


Suporte Suspensão
Ref. CKL 651

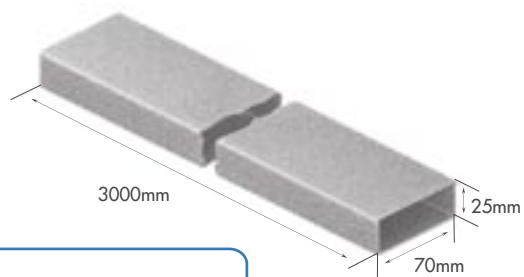


Suporte Simples
Ref. CKL 652

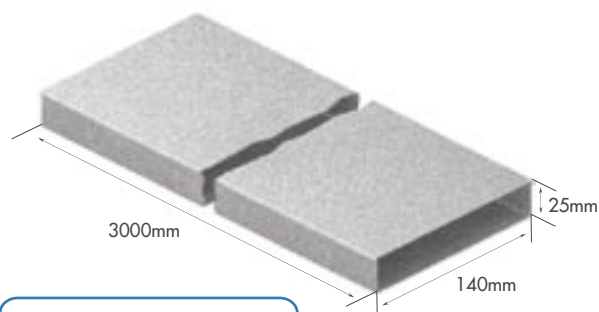
Dutos



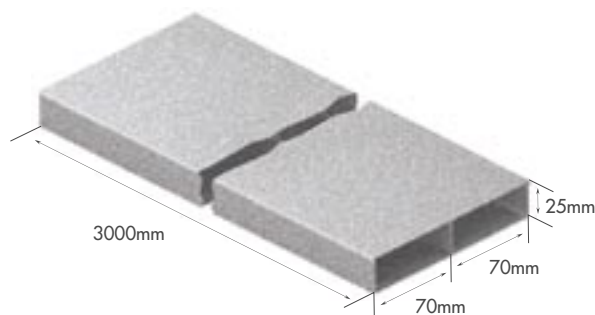
Dutos de Piso



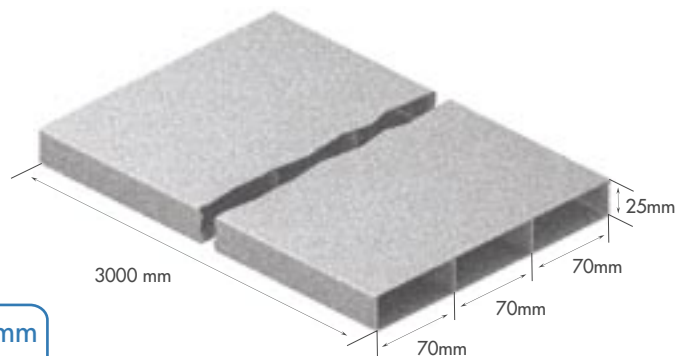
Duto Liso 25x70mm
Ref. CKD 700



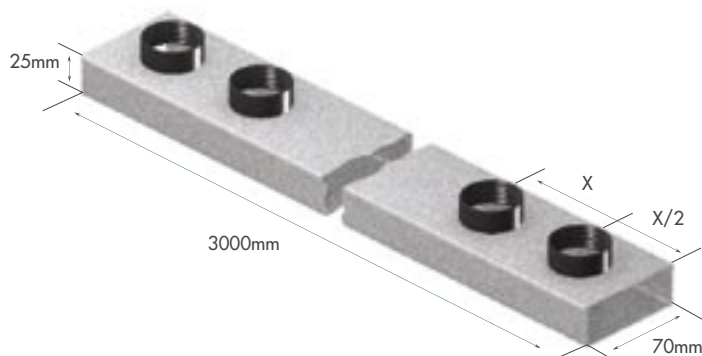
Duto Liso 25x140mm
Ref. CKD 701



Duto Liso 2x25x70mm
Ref. CKD 702

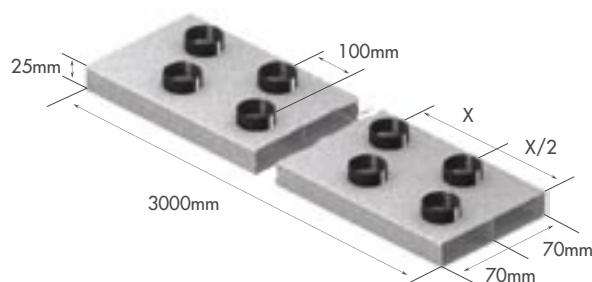
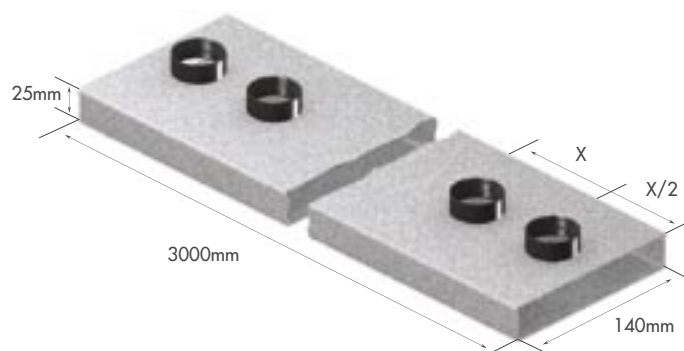


Duto Liso 3x25x70mm
Ref. CKD 703
Duto Liso 4x25x70mm
Ref. CKD 704

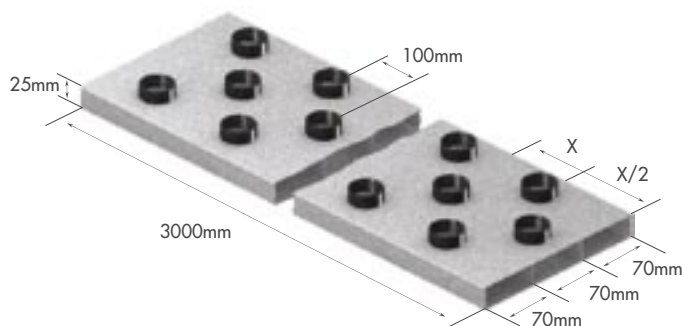


Duto Modulado 25x70mm		
Cód.	X/2	X
CKD 705	250mm	500mm
CKD 706	300mm	600mm
CKD 707	375mm	750mm
CKD 708	500mm	1000mm
CKD 709	600mm	1200mm
CKD 710	750mm	1500mm
CKD 711	1000mm	2000mm
CKD 712	1500mm	3000mm

Duto Modulado 25x140mm		
Cód.	X/2	X
CKD 713	250mm	500mm
CKD 714	300mm	600mm
CKD 715	375mm	750mm
CKD 716	500mm	1000mm
CKD 717	600mm	1200mm
CKD 718	750mm	1500mm
CKD 719	1000mm	2000mm
CKD 720	1500mm	3000mm



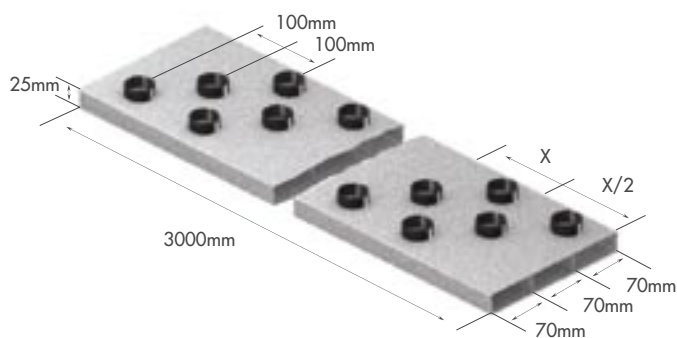
Duto Modulado 2x25x70mm		
Cód.	X/2	X
CKD 721	250mm	500mm
CKD 722	300mm	600mm
CKD 723	375mm	750mm
CKD 724	500mm	1000mm
CKD 725	600mm	1200mm
CKD 726	750mm	1500mm
CKD 727	1000mm	2000mm
CKD 728	1500mm	3000mm



Duto Modulado Alternado
3x25x70mm

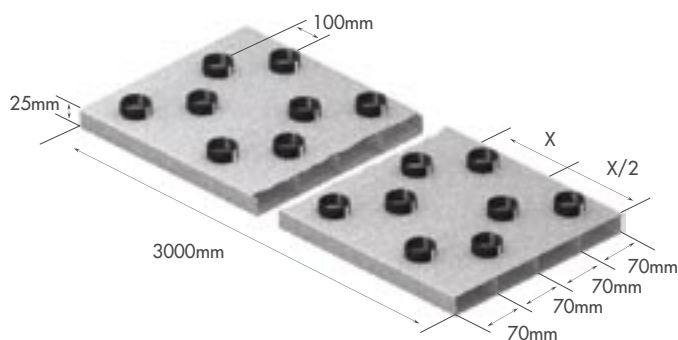
Cód.	X/2	X
CKD 729	250mm	500mm
CKD 730	375mm	750mm
CKD 731	500mm	1000mm
CKD 732	750mm	1500mm
CKD 733	1500mm	3000mm

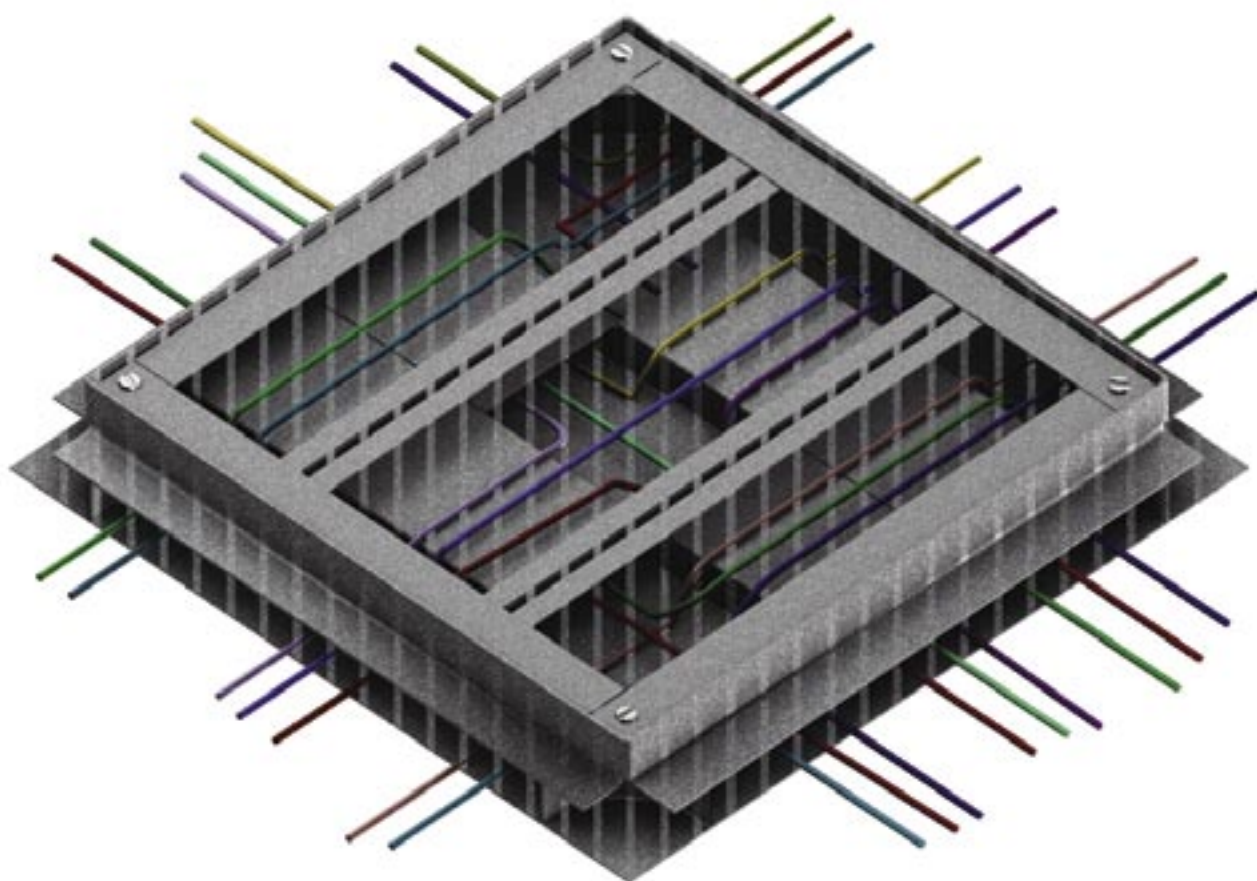
Duto Modulado Paralelo 3x25x70mm		
Cód.	X/2	X
CKD 734	250mm	500mm
CKD 735	375mm	750mm
CKD 736	500mm	1000mm
CKD 737	750mm	1500mm
CKD 738	1500mm	3000mm



Duto Modulado Alternado
4x25x70mm

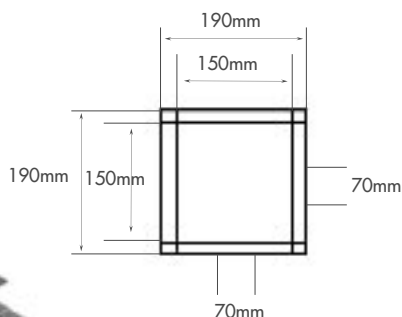
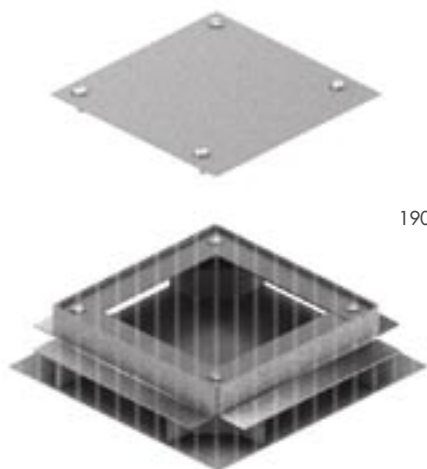
Cód.	X/2	X
CKD 739	250mm	500mm
CKD 740	375mm	750mm
CKD 741	500mm	1000mm
CKD 742	750mm	1500mm
CKD 743	1500mm	3000mm





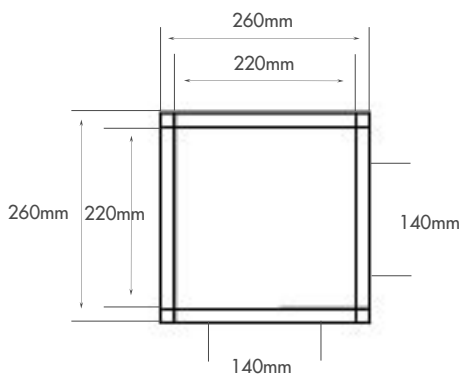
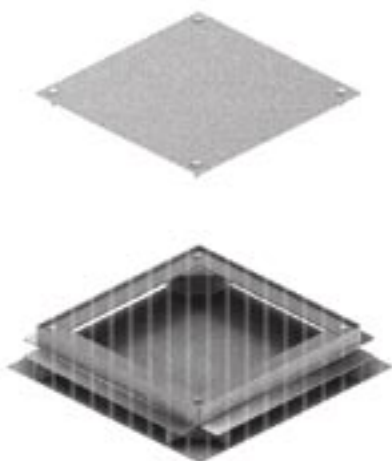
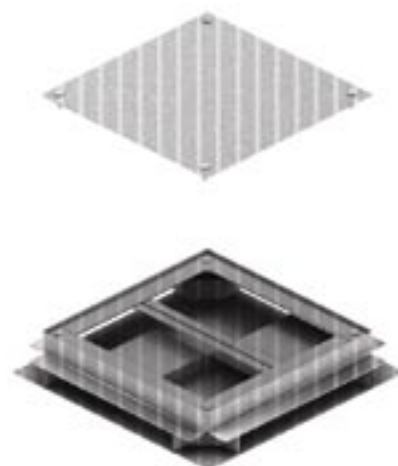
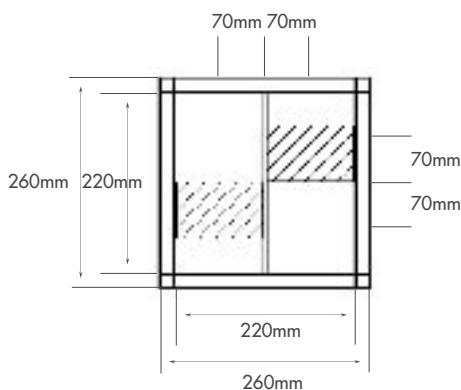
Caixa de Passagem 12x25x70mm

Dutos de Piso



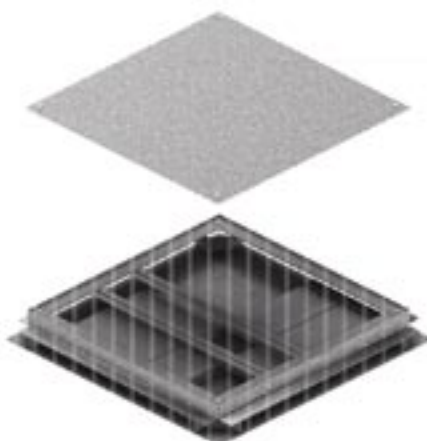
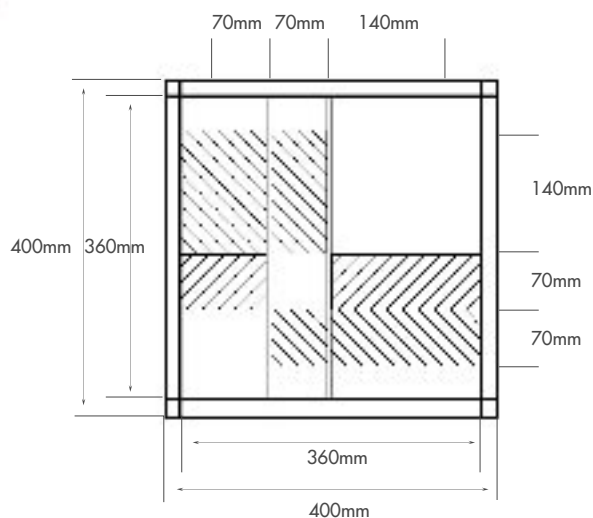
Caixa de Passagem
Quadrada 190x190
(4x25x70mm) com
Tampa Aparafusada
Ref. CKD 744

Caixa de Passagem
Quadrada 260x260
(8x25x70mm) com
Tampa Aparafusada
Ref. CKD 745

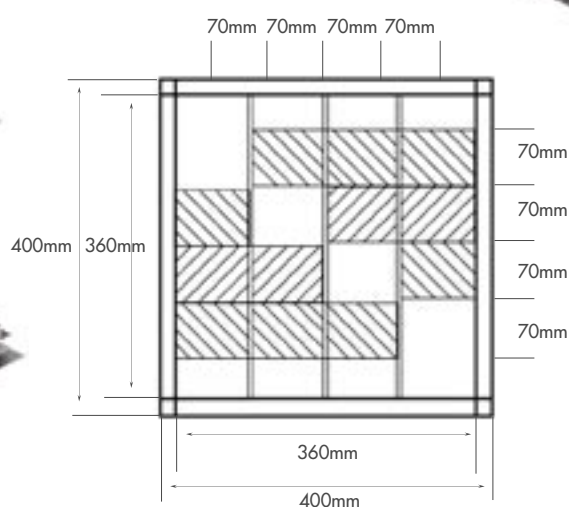
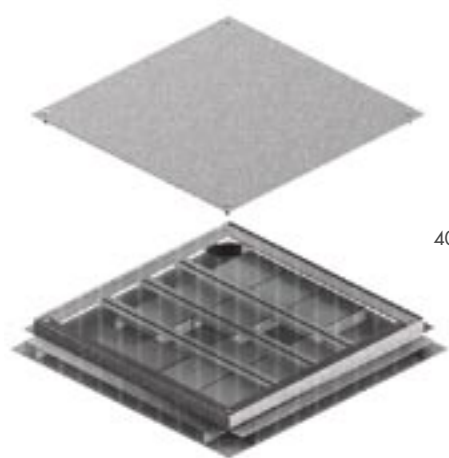
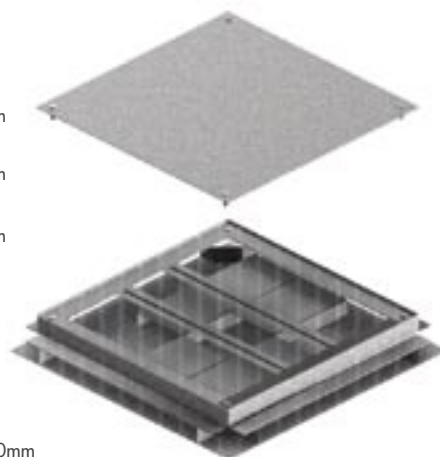
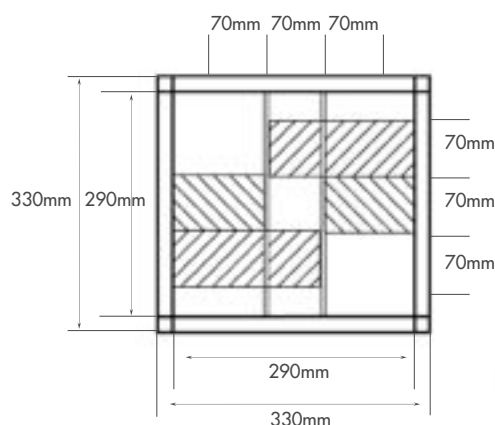


Caixa de Passagem
Quadrada 260x260
(4x25x140mm) com
Tampa Aparafusada
Ref. CKD 746

Caixa de Passagem
Quadrada 400x400
(8x25x70mm +
4x25x140mm) com
Tampa Aparafusada
Ref. CKD 747

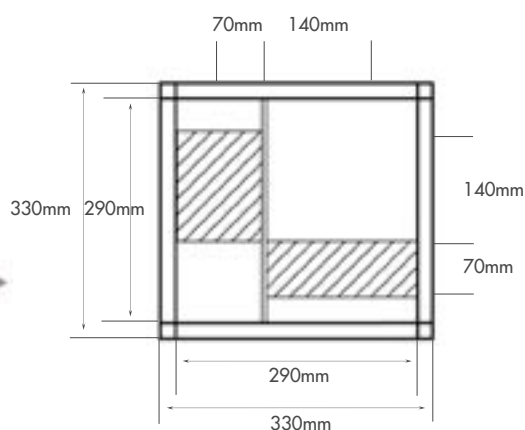
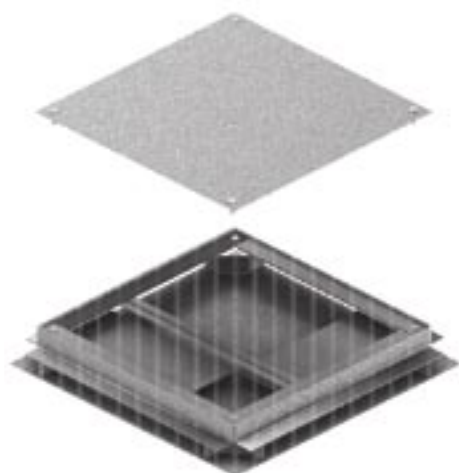
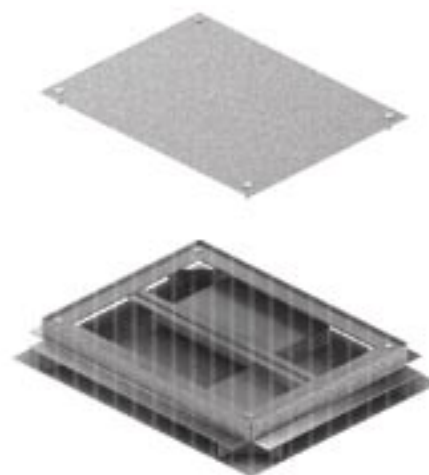
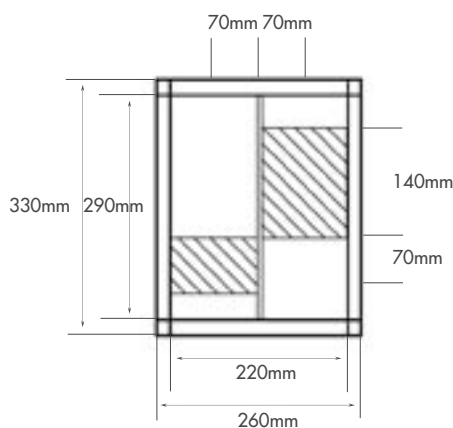


Caixa de Passagem
Quadrada 330x330
(12x25x70mm) com
Tampa Aparafusada
Ref. CKD 748



Caixa de Passagem
Quadrada 400x400
(16x25x70mm) com
Tampa Aparafusada
Ref. CKD 749

Caixa de Passagem
330x260 (6x25x70mm
+ 2x25x140mm) com
Tampa Aparafusada
Ref. CKD 750

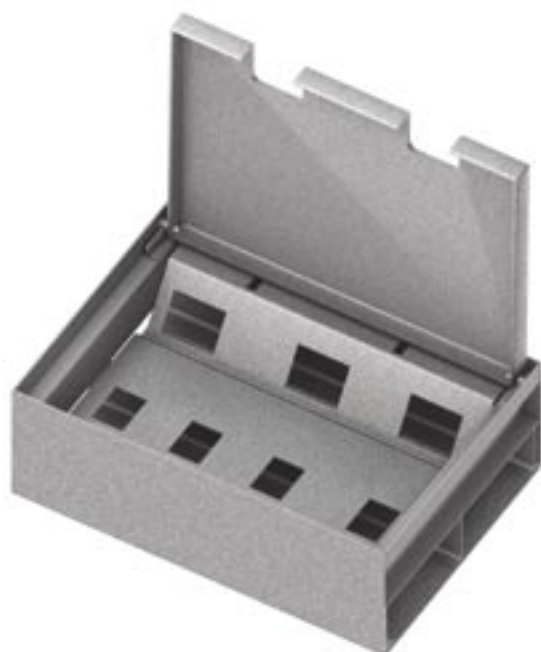
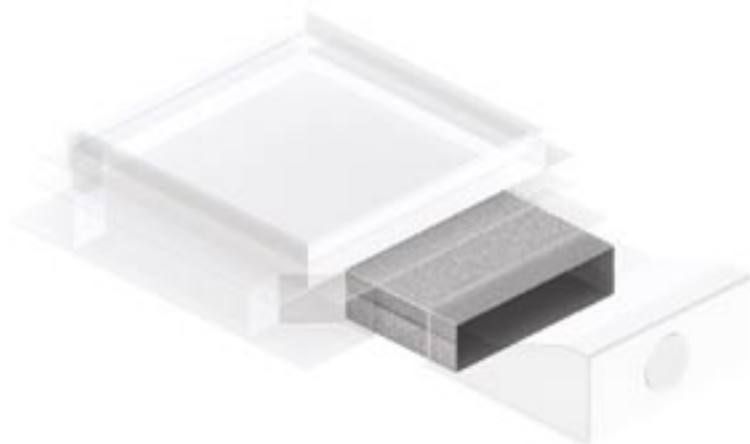


Caixa de Passagem
Quadrada 330x330
(4x25x70mm +
4x25x140mm) com
Tampa Aparafusada
Ref. CKD 751

Duto de Interligação

Ref. CKD 752 - 3x25x70mm

Ref. CKD 753 - 4x25x70mm



Caixa de Tomada com Tampa Basculante

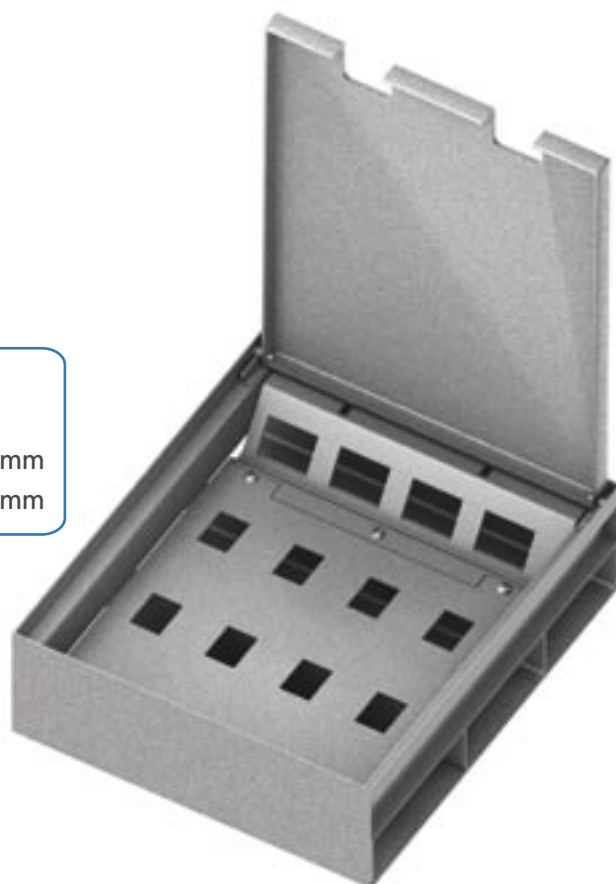
2x25x70mm

Ref. CKD 754

Caixa de Tomada com Tampa Basculante

Ref. CKD 755 - 3x25x70mm

Ref. CKD 756 - 4x25x70mm

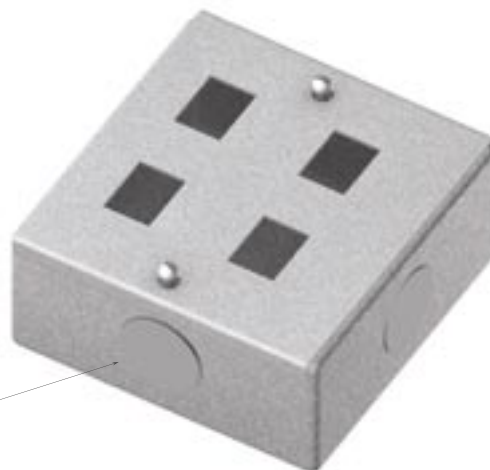


Obs.: Tomadas não inclusas. Especificar o tipo de furações e tomadas que serão utilizadas.



Ø3/4" ou 1"

Caixa para Tomada
com Luva de Nylon Ø2"
Ref. CKD 757



Ø3/4" ou 1"

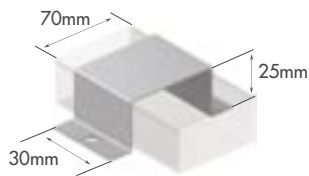
Caixa para Tomada
com 4 furos RJ45
Ref. CKD 758



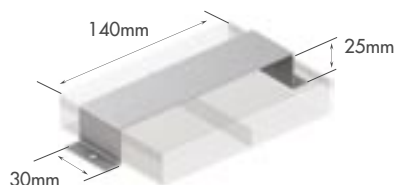
Ø3/4" ou 1"

Caixa para Tomada
com 2 furos para
Tomada 2P+T Redonda
Ref. CKD 759

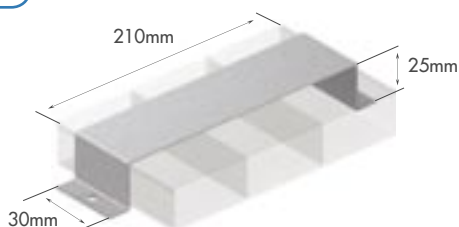
Dutos de Piso



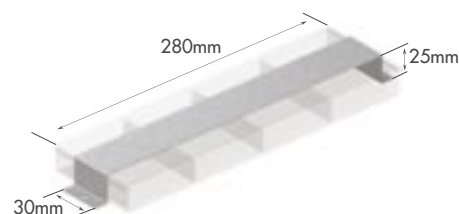
Suporte de Fixação
de Duto 25x70mm
Ref. CKD 760



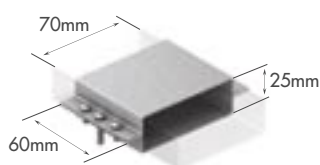
Suporte de Fixação
de Duto 2x25x70mm
Ref. CKD 761



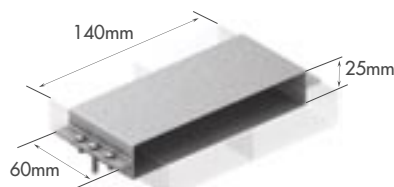
Suporte de Fixação
de Duto 3x25x70mm
Ref. CKD 762



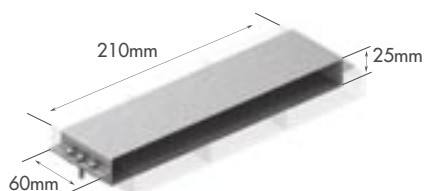
Suporte de Fixação
de Duto 4x25x70mm
Ref. CKD 763



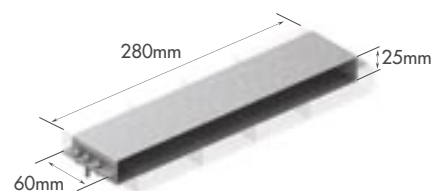
Junção Niveladora
para Duto 25x70mm
Ref. CKD 764



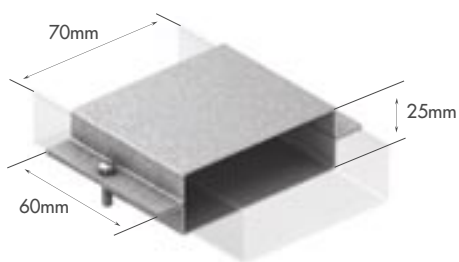
Junção Niveladora
para Duto
2x25x70mm
Ref. CKD 765



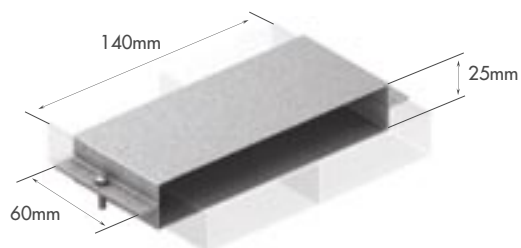
Junção Niveladora
para Duto
3x25x70mm
Ref. CKD 766



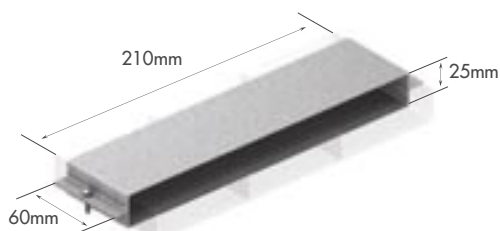
Junção Niveladora
para Duto
4x25x70mm
Ref. CKD 767



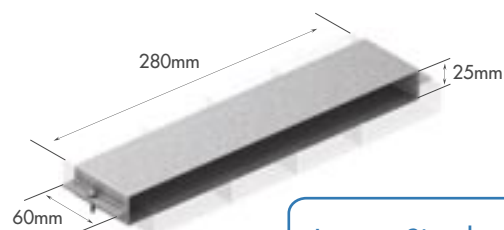
Junção Simples para
Duto 25x70mm
Ref. CKD 768



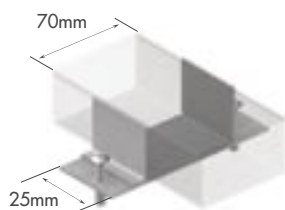
Junção Simples para
Duto 2x25x70mm
Ref. CKD 769



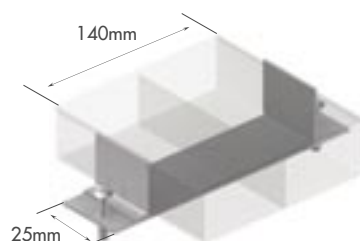
Junção Simples para
Duto 3x25x70mm
Ref. CKD 770



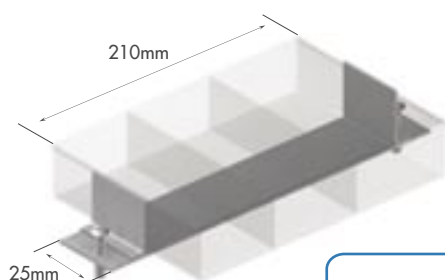
Junção Simples para
Duto 4x25x70mm
Ref. CKD 771



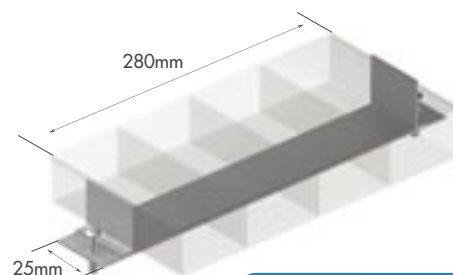
Nivelador para Duto
25x70mm
Ref. CKD 772



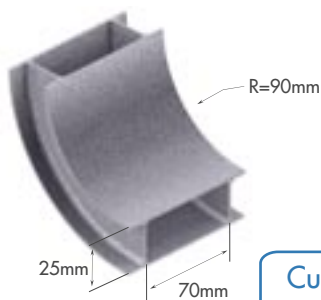
Nivelador para Duto
2x25x70mm
Ref. CKD 773



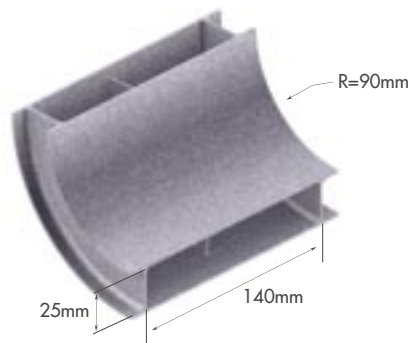
Nivelador para Duto
3x25x70mm
Ref. CKD 774



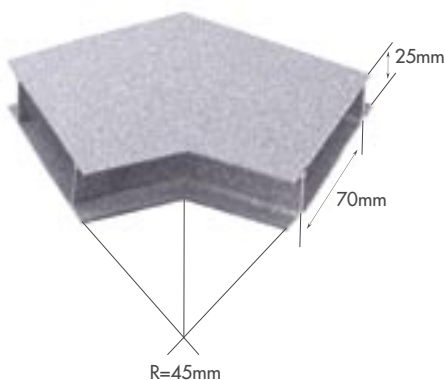
Nivelador para Duto
4x25x70mm
Ref. CKD 775



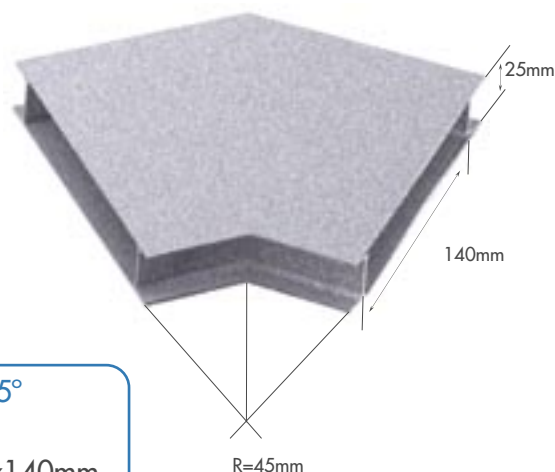
**Curva Vertical 90°
25x70mm**
Ref. CKD 776



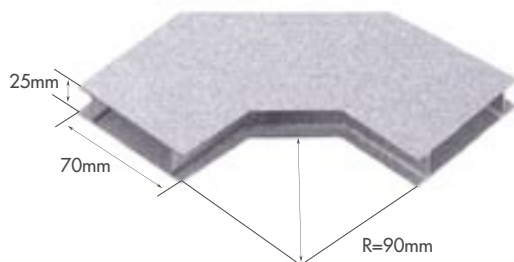
Curva Vertical 90°
Ref. CKD 777 - 25x140mm
Ref. CKD 778 - 2x25x70mm
Ref. CKD 779 - 3x25x70mm
Ref. CKD 780 - 4x25x70mm



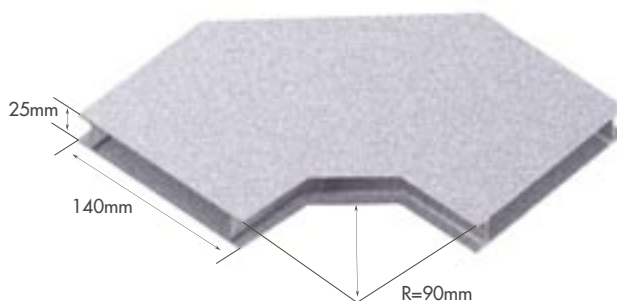
**Curva Horizontal 45°
para Duto 25x70mm**
Ref. CKD 781



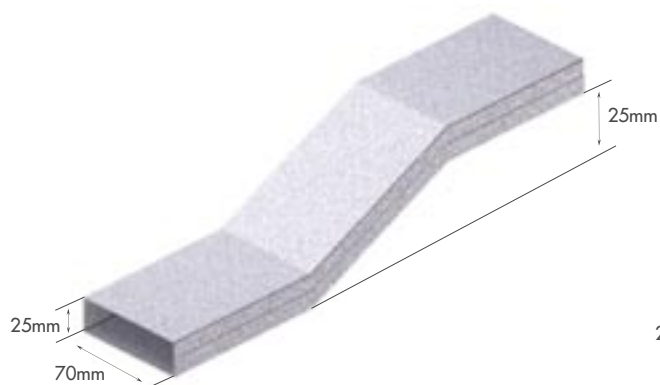
**Curva Horizontal 45°
para Duto**
Ref. CKD 782 - 25x140mm
Ref. CKD 783 - 2x25x70mm
Ref. CKD 784 - 3x25x70mm
Ref. CKD 785 - 4x25x70mm



**Curva Horizontal 90°
para Duto 25x70mm**
Ref. CKD 786



**Curva Horizontal 90°
para Duto**
Ref. CKD 787 - 25x140mm
Ref. CKD 788 - 2x25x70mm
Ref. CKD 789 - 3x25x70mm
Ref. CKD 790 - 4x25x70mm



Desnível Simples para
Duto 25x70mm
Ref. CKD 791



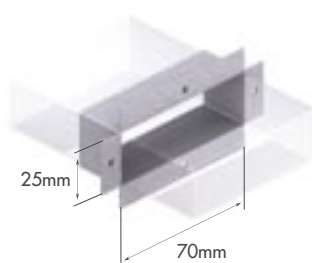
Desnível Simples
para Duto
Ref. CKD 792 - 25x140mm
Ref. CKD 793 - 2x25x70mm
Ref. CKD 794 - 3x25x70mm
Ref. CKD 795 - 4x25x70mm



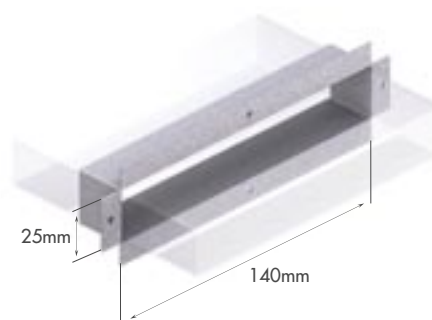
Desnível Duplo para
Duto 25x70mm
Ref. CKD 796



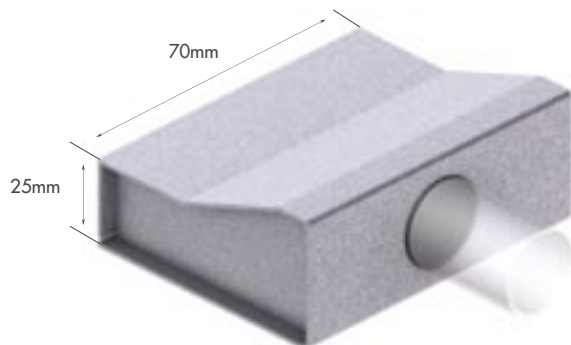
Desnível Duplo para Duto
Ref. CKD 797 - 25x140mm
Ref. CKD 798 - 2x25x70mm
Ref. CKD 799 - 3x25x70mm
Ref. CKD 800 - 4x25x70mm



Flange para Duto
25x70mm
Ref. CKD 801



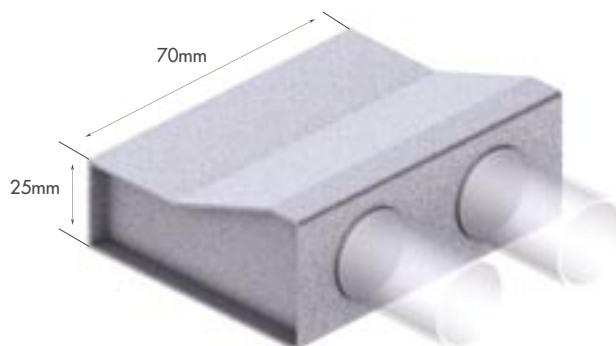
Flange para Duto
Ref. CKD 802 - 25x140mm
Ref. CKD 803 - 2x25x70mm
Ref. CKD 804 - 3x25x70mm
Ref. CKD 805 - 4x25x70mm



Conector para Duto
25x70mm

Ref. CKD 806 - 1x Ø3/4"

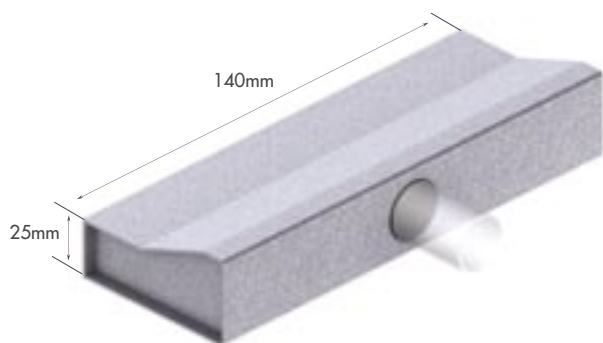
Ref. CKD 807 - 1x Ø1"



Conector para Duto
25x70mm

Ref. CKD 808 - 2 x Ø3/4"

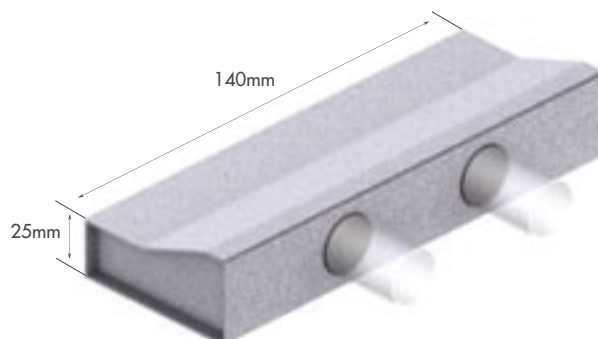
Ref. CKD 809 - 2 x Ø1"



Conector para Duto
25x140mm ou
2x25x70mm

Ref. CKD 810 - 1x Ø3/4"

Ref. CKD 811 - 1x Ø1"



Conector para Duto

25x140mm ou 2x25x70mm

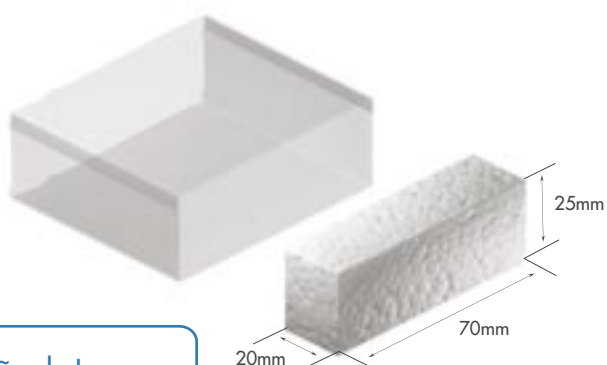
Ref. CKD 812 - 2xØ3/4"

Ref. CKD 813 - 2xØ1"

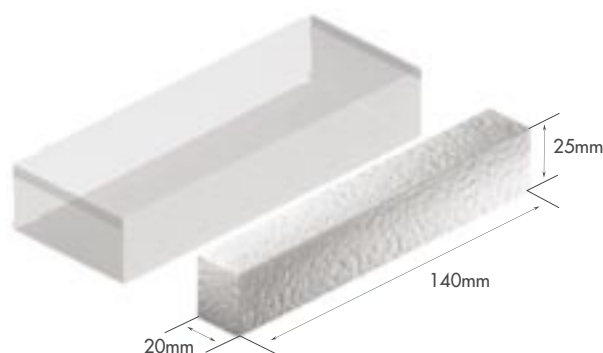
Ref. CKD 814 - 3x25x70mm

Ref. CKD 815 - 4x25x70mm

Obs.: Indicar quantidades de saídas e Ø dos furos



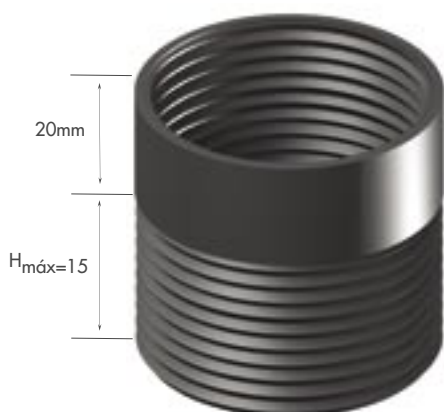
Tampão de Isopor
25x70mm
Ref. CKD 816



Tampão de Isopor
Ref. CKD 817 - 25x140mm
Ref. CKD 818 - 2x25x70mm
Ref. CKD 819 - 3x25x70mm
Ref. CKD 820 - 4x25x70mm

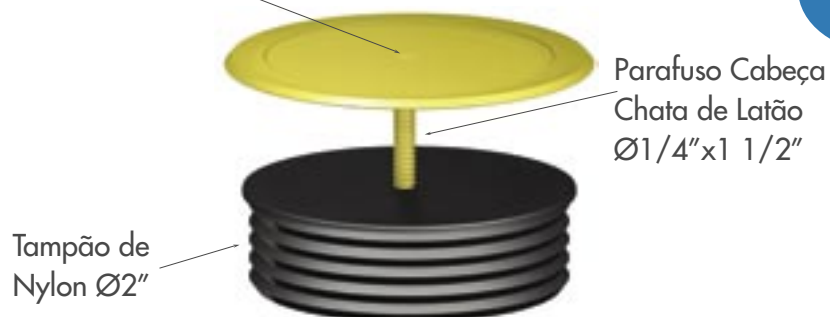


Tampão Indicador de
Nylon Ø2"
Ref. CKD 821



Prolongador para
Tomada de Piso Ø2"
Ref. CKD 822

Disco de Latão



Arremate de Piso
para Luva Ø2"
Ref. CKD 823 Latão
Ref. CKD 824 Nylon



Tomada de Latão Ø2"
Ref. CKD 825



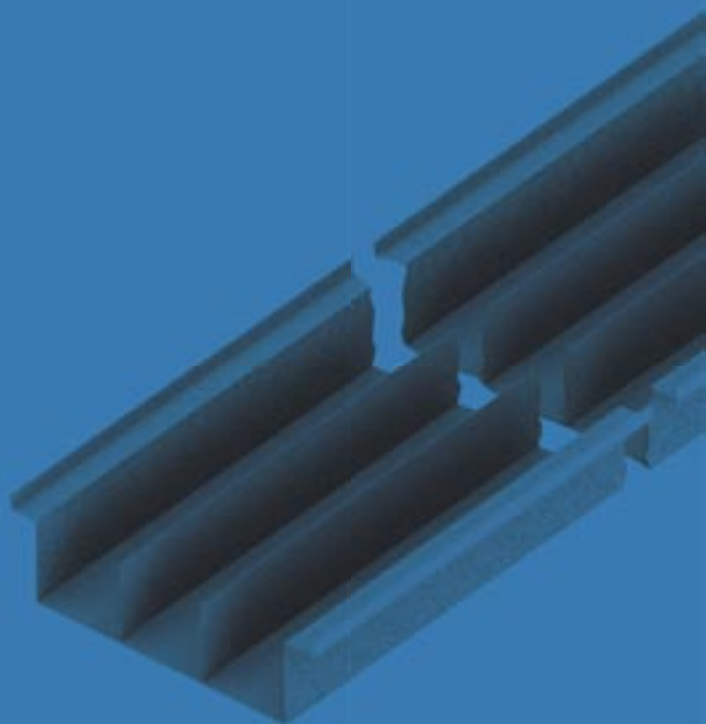
Tomada Mista Ø2"
Ref. CKD 826



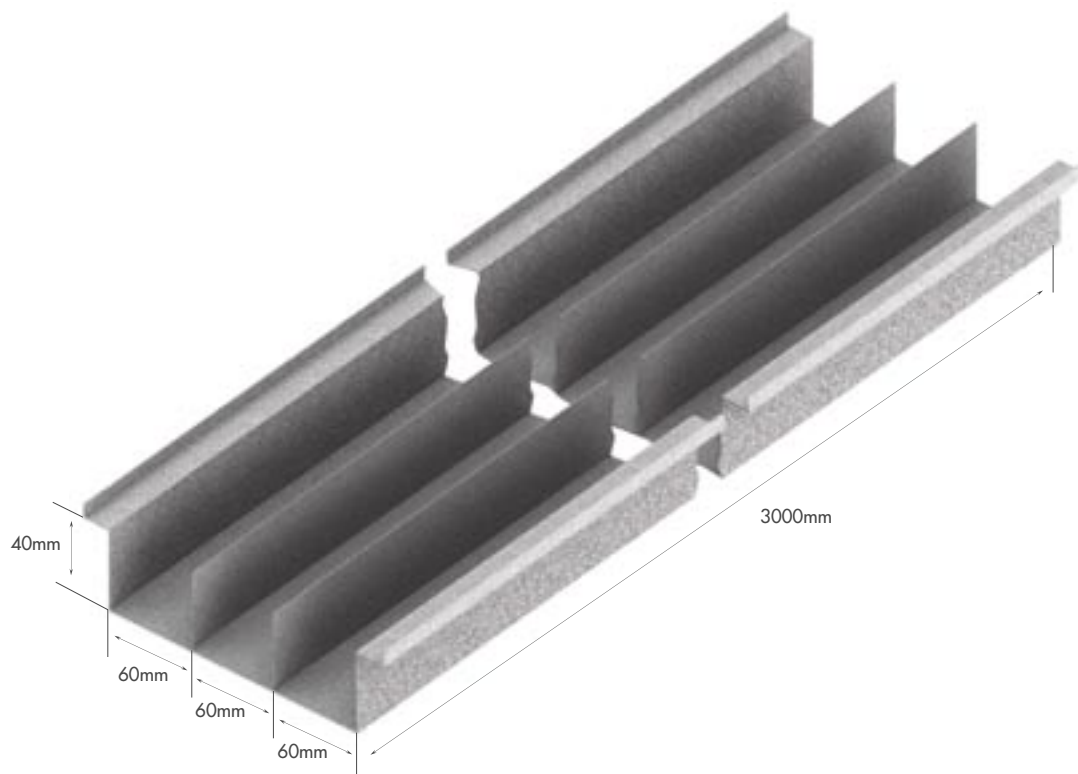
Tomada de Nylon Ø2"
Ref. CKD 827

Tomadas não inclusas

Calhas de Piso (Duto BS)

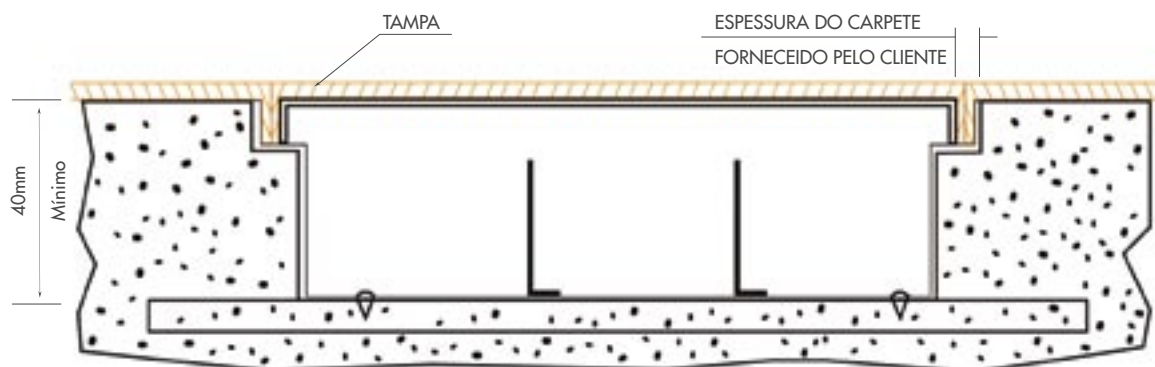
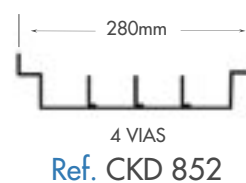
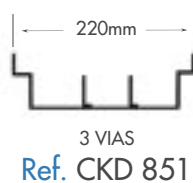
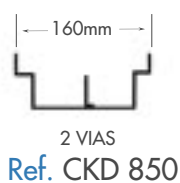


Calhas de Piso (Duto BS)

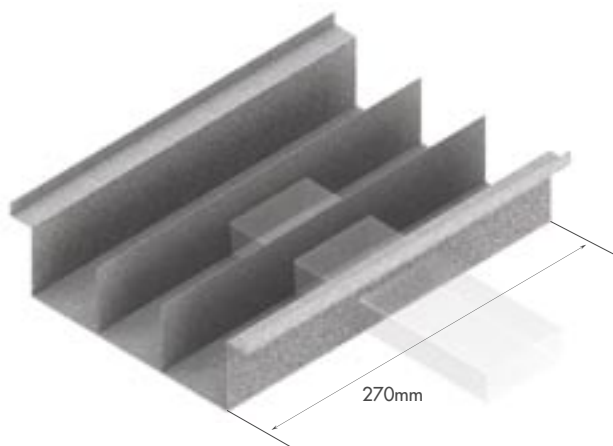


Calha de Piso

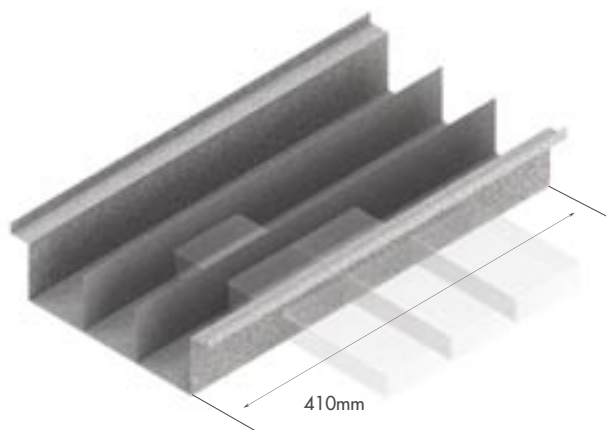
78



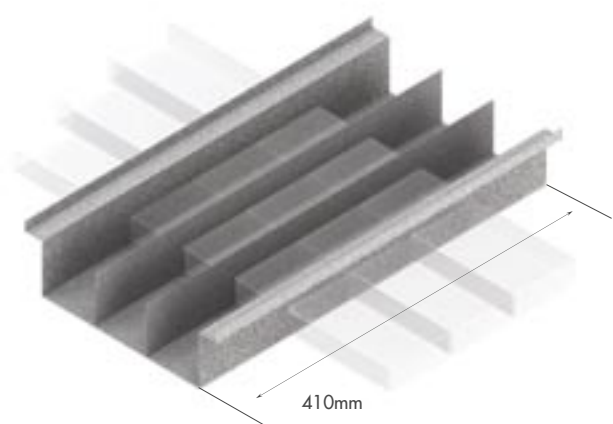
Obs: Também fornecemos outras medidas sob consulta. Tampas vendidas separadamente.



Derivação em "T" de
Calha para 1 Duto
25x70mm
Ref. CKD 853

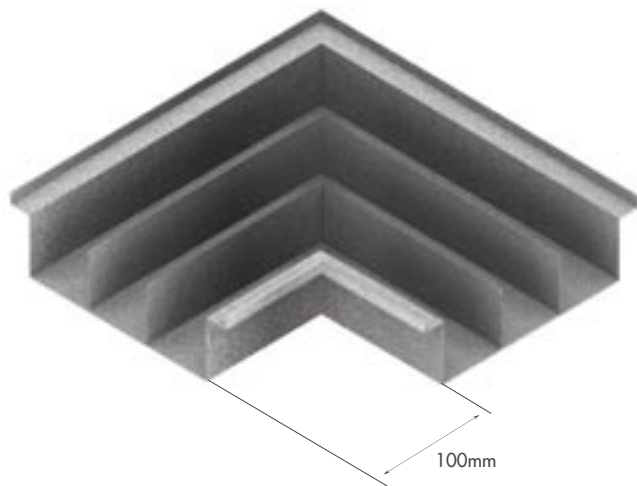


Derivação em "T" de
Calha para 3 Dutos
25x70mm
Ref. CKD 854

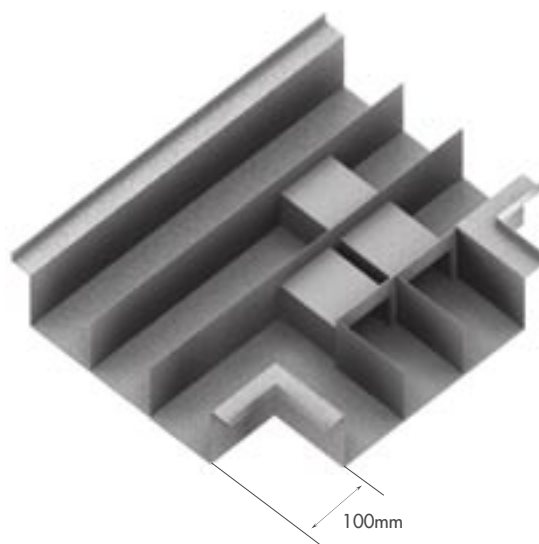


Derivação em "X" de
Calha para 3 Dutos
25x70mm
Ref. CKD 855

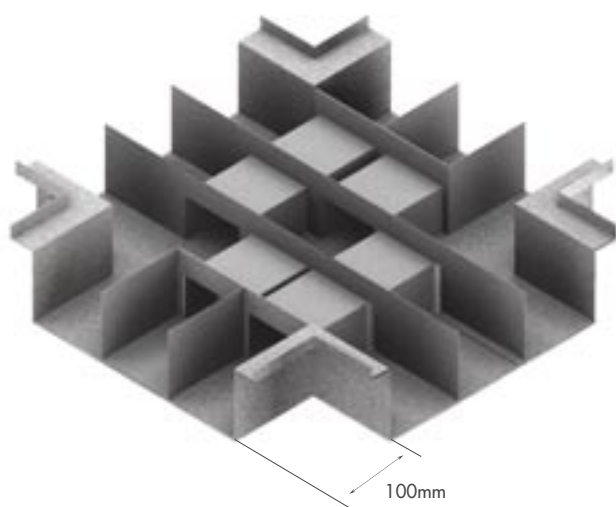
Calhas de Piso (Duto BS)



Cotovelo Reto 90°
Ref. CKD 856



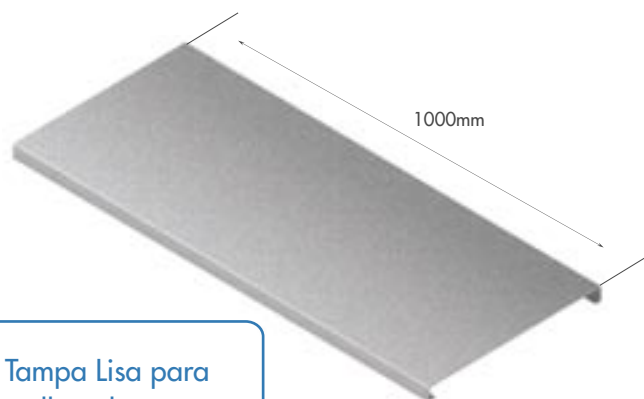
Te Reto 90°
Ref. CKD 857



Cruzeta Reto 90°
Ref. CKD 858



Tampa Basculante
para Calha de Piso
Ref. CKD 859



Tampa Lisa para
Calhas de Piso
Ref. CKD 860



Suporte para Tomadas
de Lógica
Ref. CKD 861



Suporte para Tomadas
de Energia
Ref. CKD 862

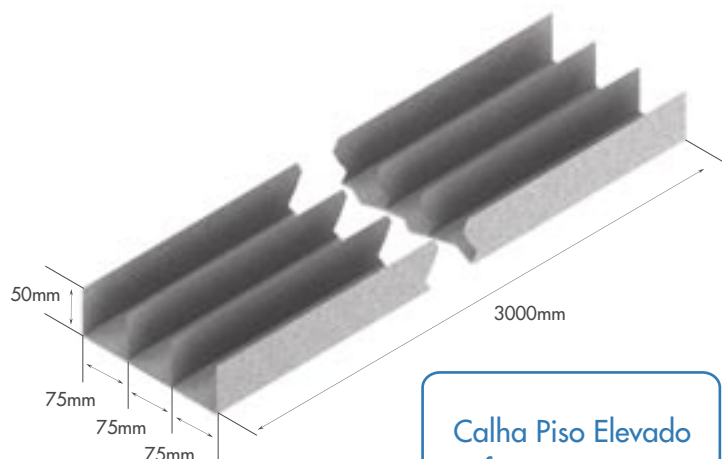


Terminal de Fechamento
com Saída
para Eletroduto
Ref. CKD 863

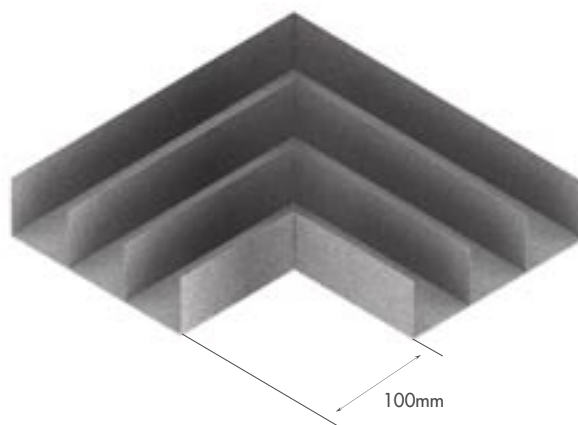


Terminal de
Fechamento
Ref. CKD 864

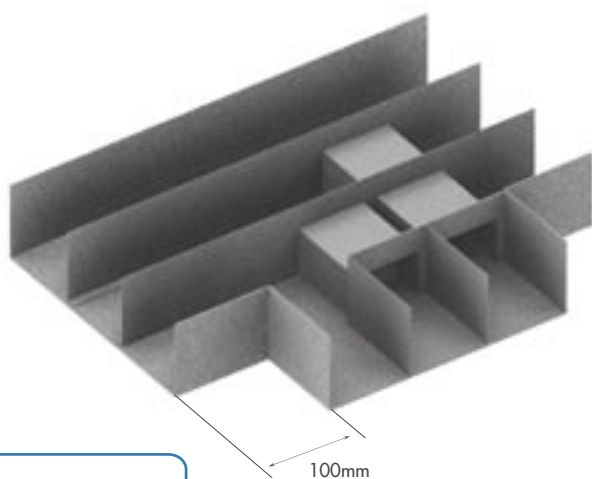
Calhas para Piso Elevado



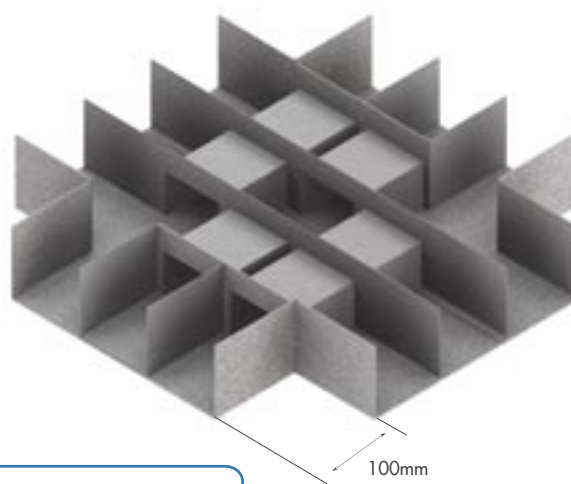
Calha Piso Elevado
Ref. CKD 865



Cotovelo Reto 90°
Ref. CKD 866



Te Reto 90°
Ref. CKD 867



Cruzeta Reto 90°
Ref. CKD 868

Obs: Também fornecemos outras medidas sob consulta.

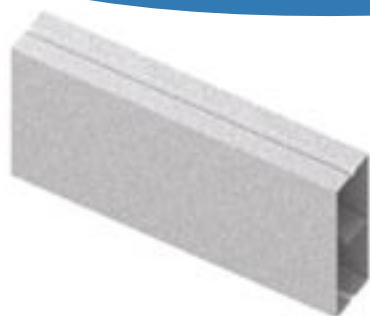


Caixa Quadrada em
PVC para Piso Elevado
Ref. CKD 869

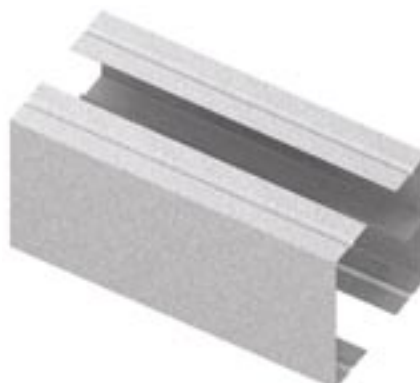


Caixa Redonda em
PVC para Piso Elevado
Ref. CKD 870

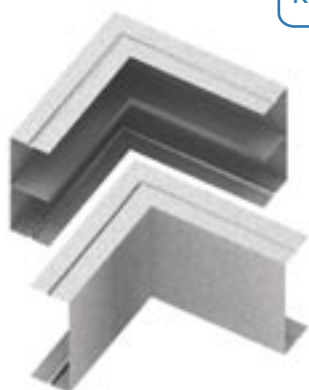
Rodapé Metálico



Rodapé Metálico
com Tampa
Simples 40x60mm
Ref. CKD 871
Duplo 2x40x40mm
Ref. CKD 872
Triplo 3x40x40mm
Ref. CKD 873



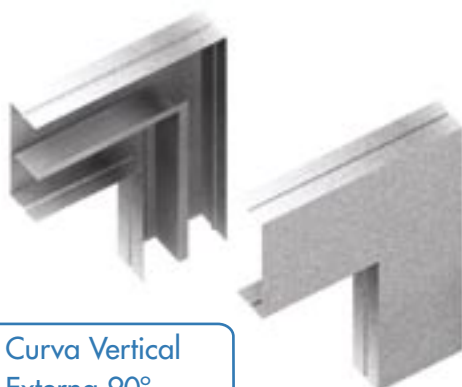
Visualização do
Rodapé Aberto



Curva Horizontal
Interna 90°
40x60mm
Ref. CKD 874
2x40x40mm
Ref. CKD 875
3x40x40mm
Ref. CKD 876

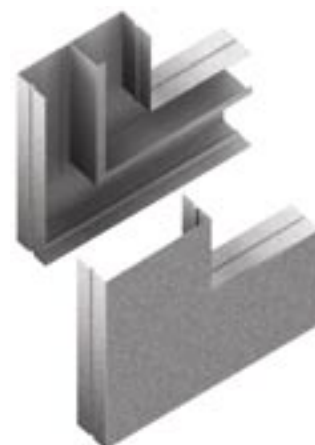


Curva Horizontal
Externa 90°
40x60mm
Ref. CKD 877
2x40x40mm
Ref. CKD 878
3x40x40mm
Ref. CKD 879



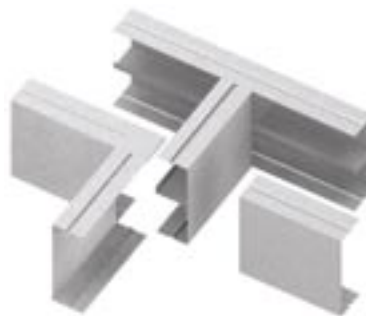
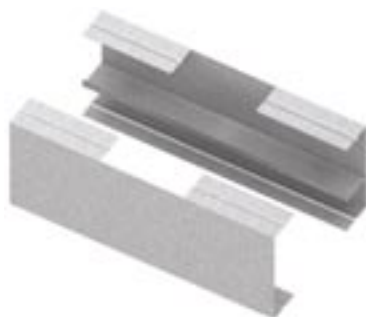
Curva Vertical
Externa 90°
40x60mm
Ref. CKD 880
2x40x40mm
Ref. CKD 881
3x40x40mm
Ref. CKD 882

Curva Vertical
Interna 90°
40x60mm
Ref. CKD 883
2x40x40mm
Ref. CKD 884
3x40x40mm
Ref. CKD 885



Obs: Também fornecemos outras medidas sob consulta.

Te Vertical 90°
40x60mm
Ref. CKD 886
2x40x40mm
Ref. CKD 887
3x40x40mm
Ref. CKD 888



Te Horizontal 90°
40x60mm
Ref. CKD 889
2x40x40mm
Ref. CKD 890
3x40x40mm
Ref. CKD 891



Caixa de Derivação
Embutida
Ref. CKD 892



Caixa de Derivação
Externa
Ref. CKD 893



Espelho de Tomada
Ref. CKD 894



Caixa de Tomada
Sobressalente
Ref. CKD 895



Terminal de
Fechamento
Ref. CKD 896

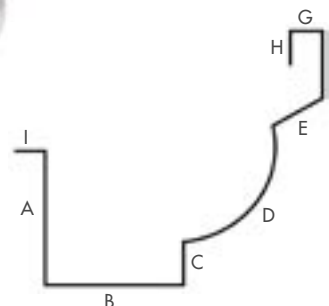
Calhas e Rufos



Calhas Beiral

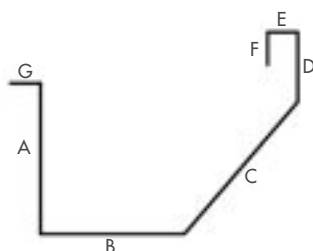
Calha Moldura
Ref. CKR - 950

	250	280	330
A	50	60	70
B	60	70	95
C	20	20	20
D	50	55	65
E	20	20	20
F	20	25	30
G	10	10	10
H	10	10	10
I	10	10	10



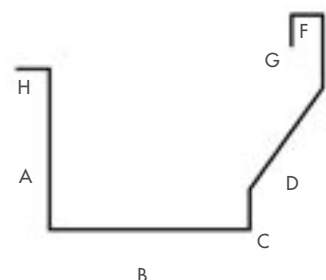
Calha Americana
Ref. CKR - 951

	250	280	330
A	60	70	70
B	70	75	100
C	70	80	100
D	20	25	30
E	10	10	10
F	10	10	10
G	10	10	10



Calha Americana Tipo II
Ref. CKR - 952

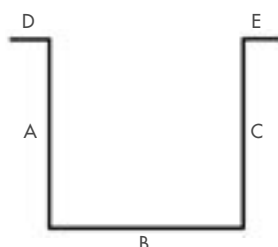
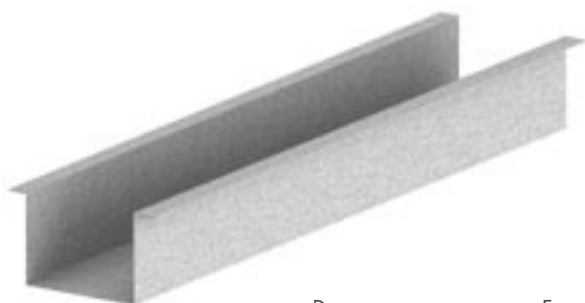
	250	280	330
A	55	65	75
B	70	75	95
C	20	20	20
D	55	65	80
E	20	25	30
F	10	10	10
G	10	10	10
H	10	10	10



Material - Pode ser fabricada em chapa galvanizada, alumínio ou cobre.

Aplicação - Para colocação em beiral, podendo ser fixada diretamente na tabeira utilizando pregos de aço, ou instalada com suportes fixos no madeiramento ou nas telhas de fibrocimentos de acordo com a necessidade.

Obs: Poderão ser fornecidos em peças com 2 ou 3 m. Todas as medidas expressas em mm.



Calha Quadrada

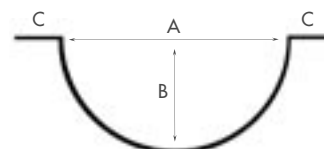
Ref. CKR - 953

	250	280	330	400
A	75	80	100	130
B	80	90	100	120
C	75	80	100	120
D	10	15	15	15
E	10	15	15	15

Calha Platibanda

Ref. CKR - 954

	250	280	330
A	110	120	150
B	80	85	100
C	10	15	15



Material - Pode ser fabricada em chapa galvanizada, alumínio ou cobre.

Aplicação - Usadas no encontro de dois telhados, divisas, platibandas, etc. Quando usada na platibanda uma de suas abas podem ser chumbadas na parede.

Obs: Poderão ser fornecidos em peças com 2 ou 3 m. Todas as medidas expressas em mm.

Acessórios para Calhas

Bocais - Utilizados para saída das águas pluviais, em formato cilíndrico (cônico ou reto), ou retangular.

Material - Pode ser fabricada em chapa galvanizada, alumínio ou cobre.



Bocal Cônico
Ref. CKR 955



Bocal Reto
Ref. CKR 956



Bocal Retangular
Ref. CKR 957

Suportes - Utilizados para sustentação de calha, fabricado conforme o modelo. Pode ser externo ou interno.

Material - Pode ser fabricada em ferro chato ou latão.



Suporte Externo
Ref. CKR 958
Para fixação no
madeiramento ou nas
telhas de fibrocimento

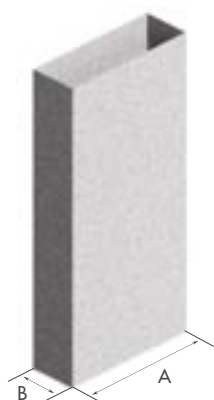


Suporte Externo
Ref. CKR 959
Para fixação em tabeiras
ou beiral em alvenaria



Suporte Interno
Ref. CKR 960
Instalado por dentro da
calha (ótima performance em
calhas de cobre e alumínio)

Condutores de Águas Pluviais e Acessórios



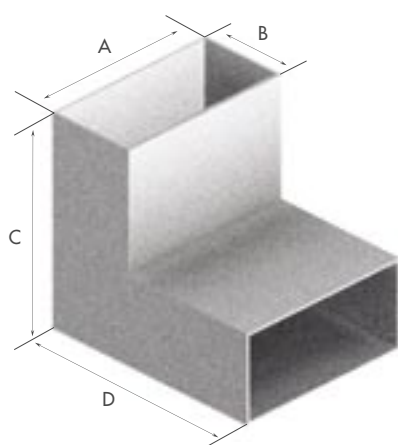
Condutor Retangular
Ref. CKR 961

	250	280	330
A	70	85	100
B	45	45	50



Condutor Redondo
Ref. CKR 962

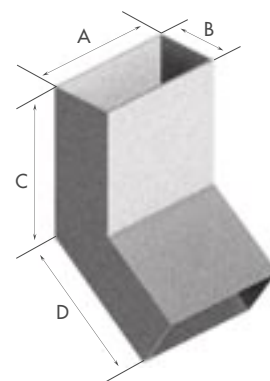
250	280	330
Ø 75	Ø 83	Ø 100



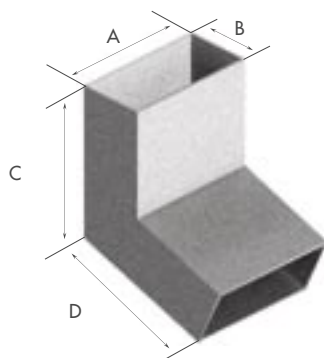
Cotovelo 90°
Ref. CKR 963

Cotovelos
Ref. CKR 963, 964 e 965

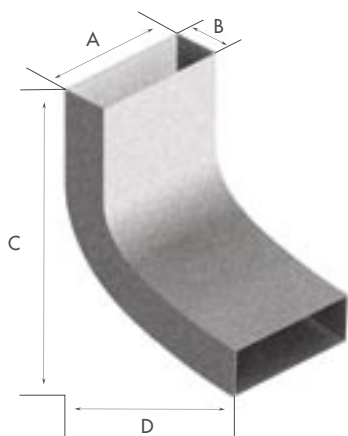
	250	280	330
A	70	85	100
B	45	45	50
C	150	150	150
D	150	150	150



Cotovelo 45°
Ref. CKR 965



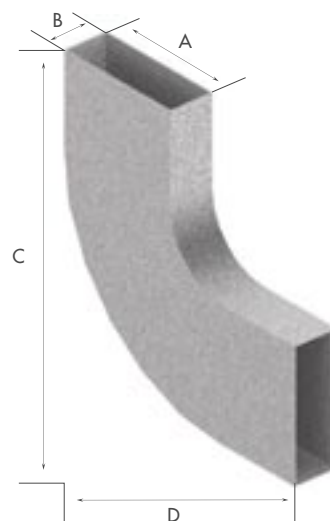
Cotovelo 75°
Ref. CKR 964



Curva Retangular 75°
Ref. CKR 966

Curvas
Ref. CKR 966 e 967

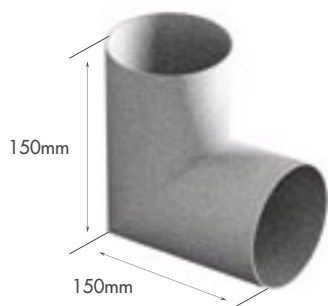
	280	330
A	85	100
B	45	50
C	150	170
D	240	260



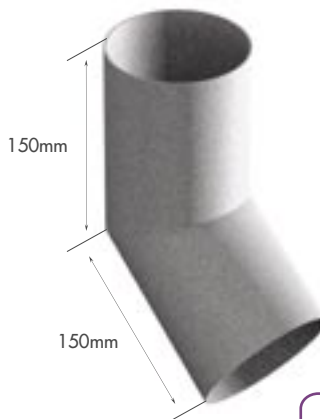
Curva Transversal 75°
Ref. CKR 967

Material - Pode ser fabricada em chapa galvanizada, alumínio ou cobre.

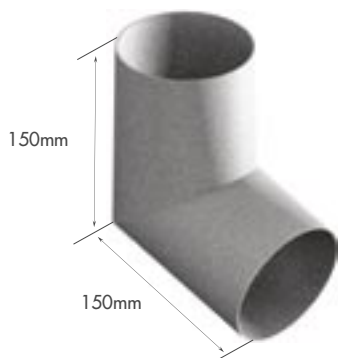
Condutores de Águas Pluviais e Acessórios



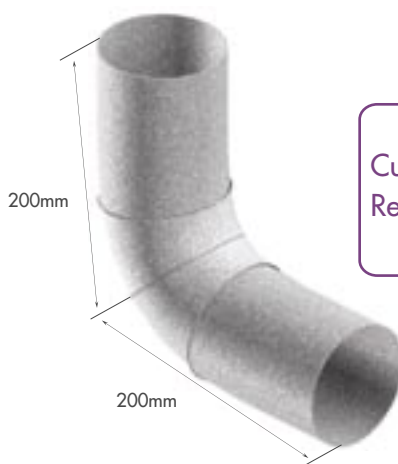
Cotovelo Redondo 90°
Ref. CKR 968



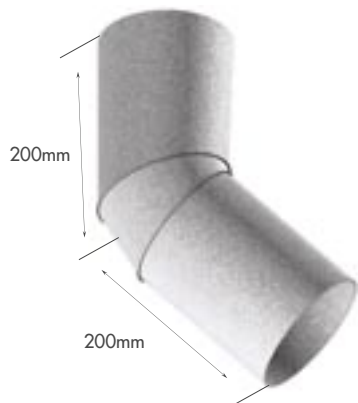
Cotovelo Redondo 45°
Ref. CKR 969



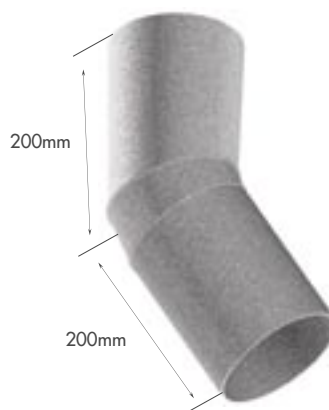
Cotovelo Redondo 75°
Ref. CKR 970



Curva Redonda 90°
Ref. CKR 971



Curva Redonda 75°
Ref. CKR 972



Curva Redonda 45°
Ref. CKR 973

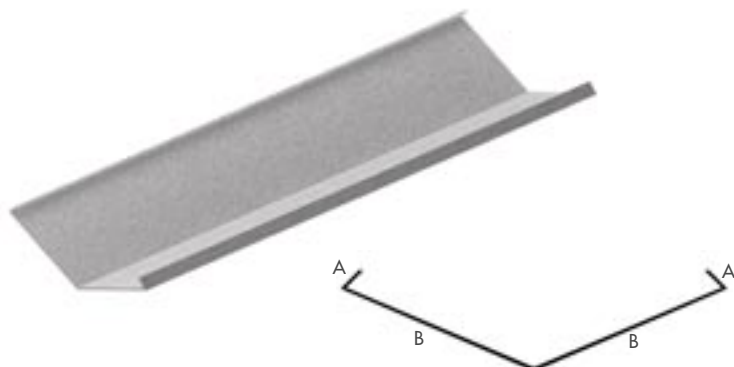
Cotovelos e Curvas
Redondas

	250	280	330
A	Ø75	Ø83	Ø100

Água Furtada

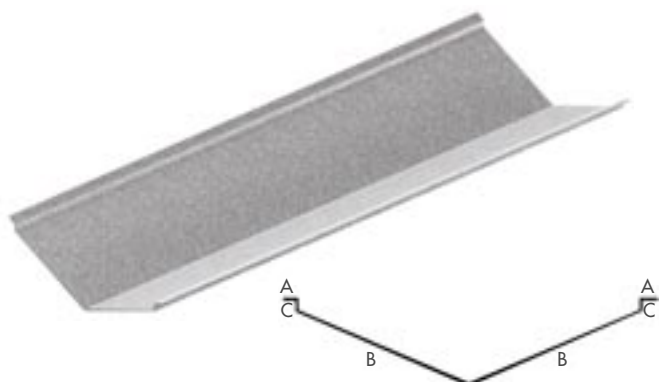
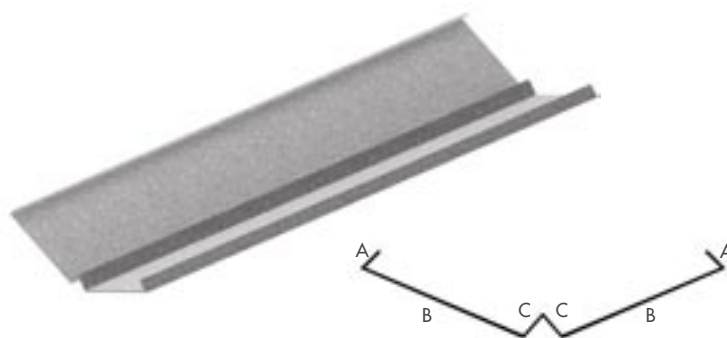
Material - Pode ser fabricada em chapa galvanizada, alumínio ou cobre.

Aplicação - Usados no encontro de dois panos de telhado. No caso de telhado, com inclinação muito acentuada, é aconselhável o modelo nº2 ou 3 de acordo com o madeiramento.



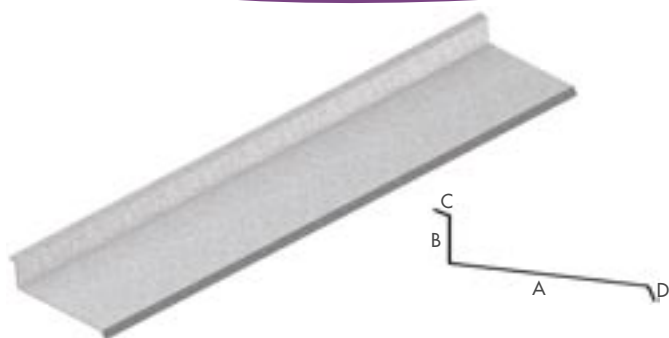
Água Furtada I Ref. CKR 974			
	330	400	600
A	15	20	20
B	150	180	280

Água Furtada II Ref. CKR 975			
	330	400	600
A	15	20	20
B	130	150	240
C	20	30	40



Água Furtada III Ref. CKR 976			
	330	400	600
A	30	30	30
B	115	150	250
C	20	20	20

Obs: Poderão ser fornecidos em peças com 2 ou 3 m. Medidas expressas em mm e variáveis de acordo com a necessidade do telhado.



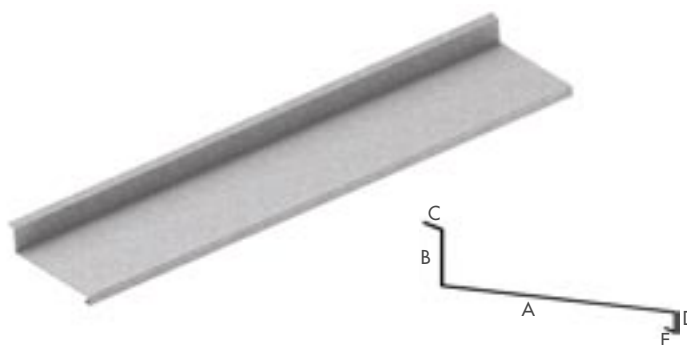
Rufo de Encosto - Ref. CKR - 977

	250	280	330	400
A	190	220	270	340
B	40	40	40	40
C	10	10	10	10
D	10	10	10	10

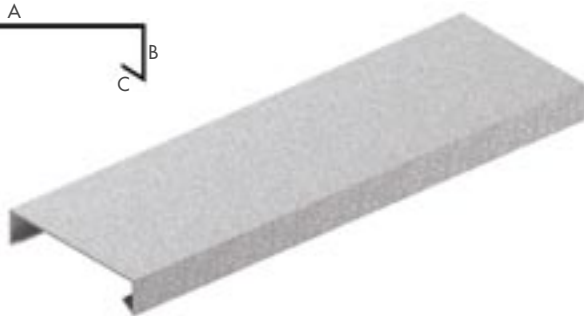
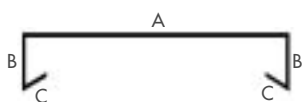
Aplicação - Fechamento e acabamento entre parede e telhado. Pode ser parafusado e vedado com selante ou chumbado com argamassa junto à parede.

Rufo de Encosto com pingadeira
Ref. CKR - 978

	250	280	330	400
A	150	180	230	300
B	40	40	40	40
C	10	10	10	10
D	35	35	35	35
E	15	15	15	15



Aplicação - Fechamento de fendas entre paredes e muros. Muito usado em divisas, além de solucionar problemas de infiltração, dá acabamento e proteção ao muro.



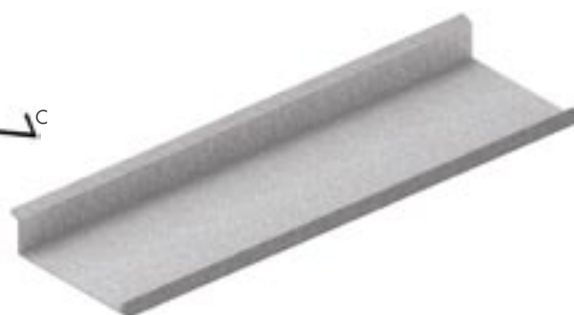
Rufo Pingadeira - Ref. CKR - 979

	250	280	330	400
A	150	180	230	300
B	35	35	35	35
C	15	15	15	15

Aplicação - Proteção de muros e platibandas. Suas pingadeiras não deixam a água em contato com a parede aumentando a durabilidade da pintura.

Rufo Interno - Ref. CKR - 980

	250	280	330	400
A	130	160	210	280
B	90	90	90	90
C	20	20	20	20
D	10	10	10	10



Aplicação - Quando o telhado tem caimento contra a parede.

Material - Pode ser fabricada em chapa galvanizada, alumínio ou cobre.

Obs: Poderão ser fornecidos em peças com 2 ou 3 m. Medidas expressas em mm.

Este catálogo foi composto em Futura Book e Futura Medium
pela SELF PUBLICIDADE e impresso em offset pela HR Gráfica
sobre papel couche fosco 115g/m².

