

micro



Sistemas estructurales de aluminio












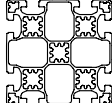


ISO
9001

ISO
14001

grupo **MICRO**

micro.
AUTOMATIZACIÓN

Perfiles Profiles Perfiles		Peso Weight Peso	Momento de Resistencia Section modulus Momento de resistência		Momento de inercia Moment of inertia Momento de inércia	
		G (kg/m)	W_x (cm ³)	W_y (cm ³)	I_x (cm ⁴)	I_y (cm ⁴)
35 x 35		1,137	2,69	2,69	4,70	4,70
35 x 35 1R		1,266	3,29	3,17	5,70	5,20
35 x 35 S		1,137	2,28	2,28	4,90	4,90
45 x 45 L		1,728	3,10	3,10	11,40	11,40
45 x 45 1R		1,890	5,92	5,51	13,20	12,30
45 x 45 2R 180°		1,844	5,92	5,10	13,20	11,40
45 x 45 2R 90°		1,841	5,50	5,50	12,30	12,30
45 x 45		2,214	7,08	7,08	15,80	15,80
45 x 90 L		3,699	19,25	10,14	88,90	22,50
45 x 90		4,566	33,01	18,05	145,70	38,80
60 x 60		3,564	7,52	7,52	45,00	45,00
90 x 90		5,975	47,08	47,08	211,66	211,66

Superficie anodizada color natural
Surface natural - color anodized
Superfície anodizada em cor natural

Tolerancias según DIN 17615
Tolerance according DIN 17615
Tolerâncias segundo DIN 17615

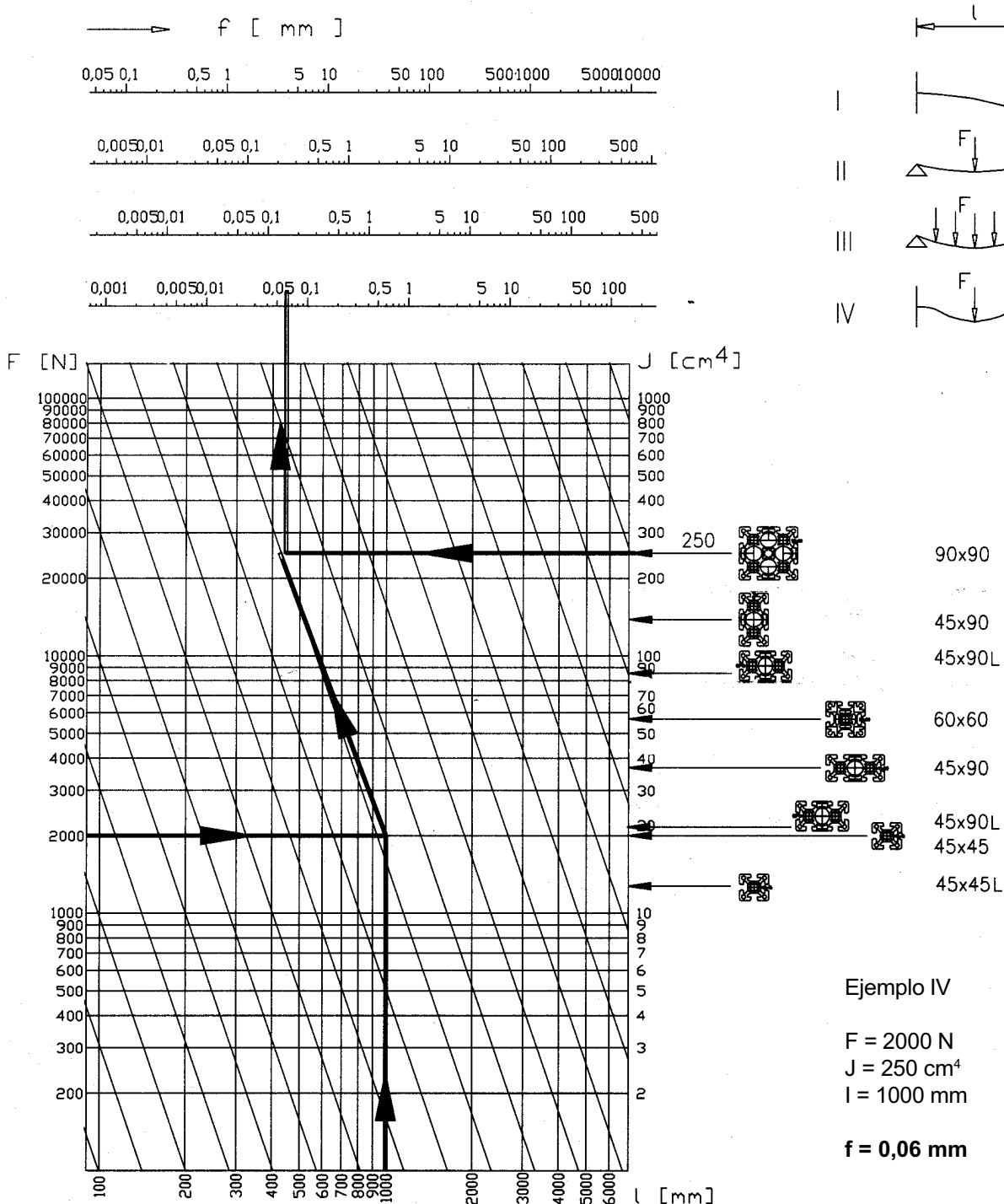
Rigidez250 N/mm²
Tensile strenght250 N/mm²
Rigidez250 N/mm²

Material: aleación Al-Mg-Si 6060 T5, según UNI 9006-1
Material: Al-Mg-Si 6060 T5 alloy, according UNI 9006-1
Material: liga Al-Mg-Si 6060 T5, segundo UNI 9006-1

Flexión de perfiles Flexion of profiles Flexão dos Perfis

$$\begin{aligned} \text{I} & f = F \times l^3 / (0,03E \times J) \\ \text{II} & f = F \times l^3 / (0,48E \times J) \\ \text{III} & f = F \times l^3 / (0,77E \times J) \\ \text{IV} & f = F \times l^3 / (1,92E \times J) \end{aligned}$$

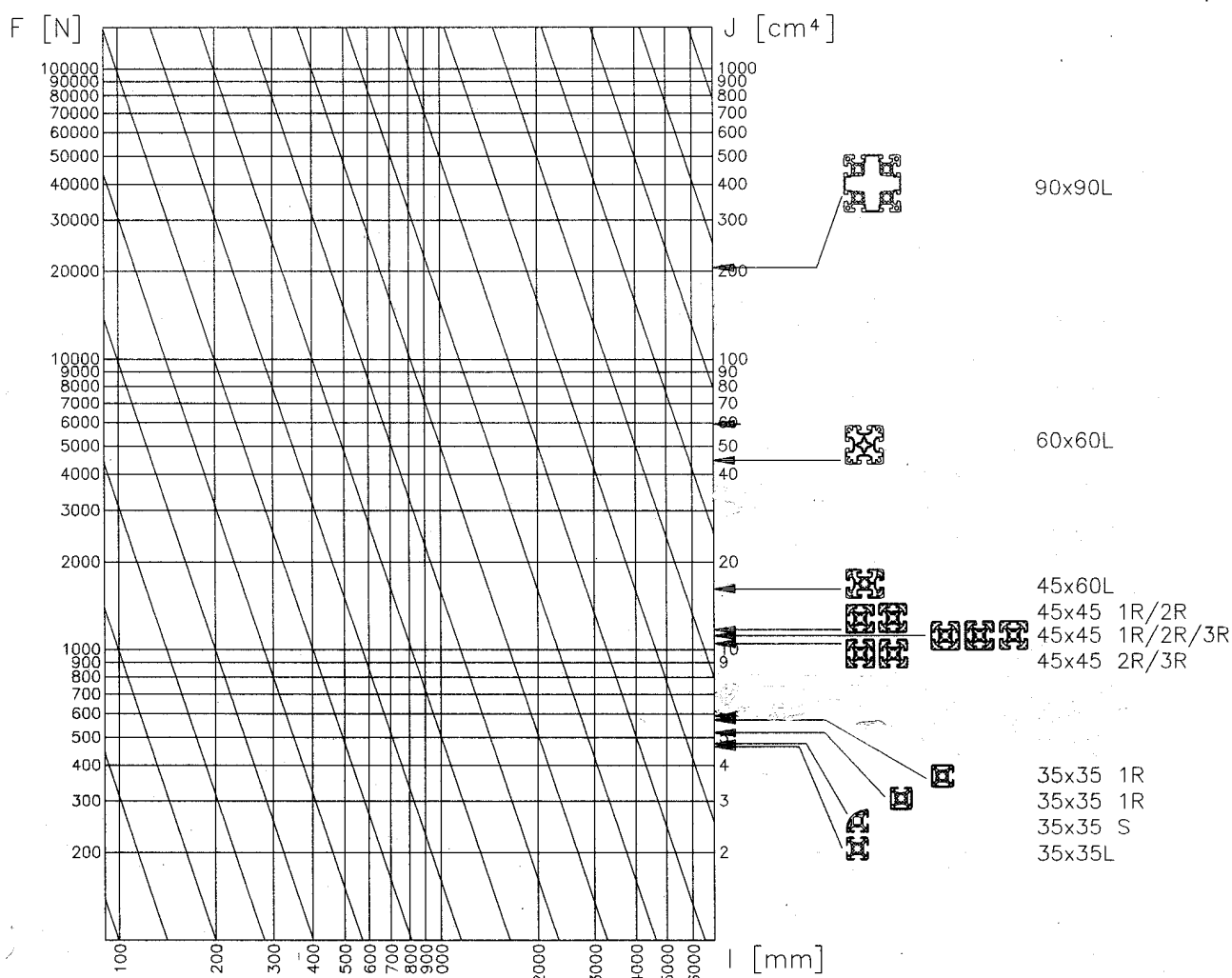
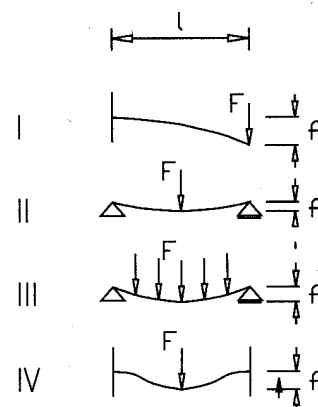
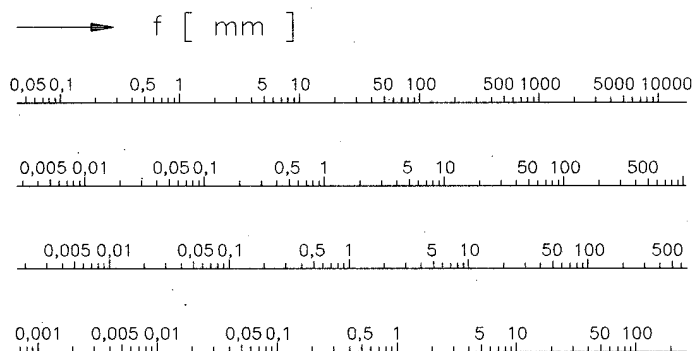
$$E = 7 \times 10^6 \text{ N/cm}^2$$



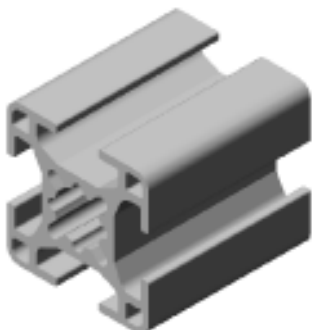
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$$E = 7 \times 10^6 \text{ N/cm}^2$$

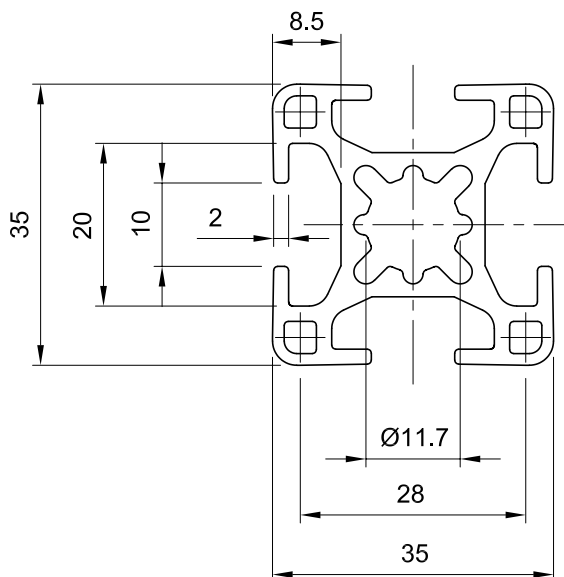


35 x 35

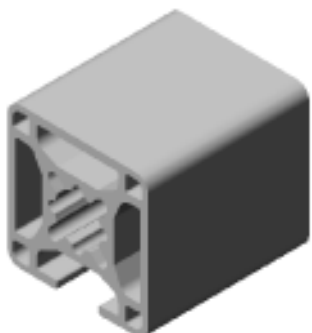


Tipo	Código
350.001	0.500.35-.-

Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
 Replace dashes by lenght in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).

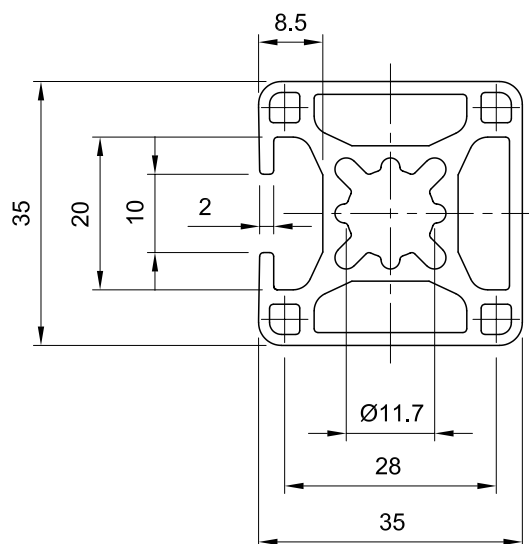


35 x 35 1 ranura/groove

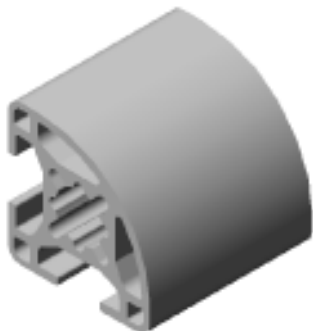


Tipo	Código
680.001	0.500.68-.-

Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
 Replace dashes by lenght in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).

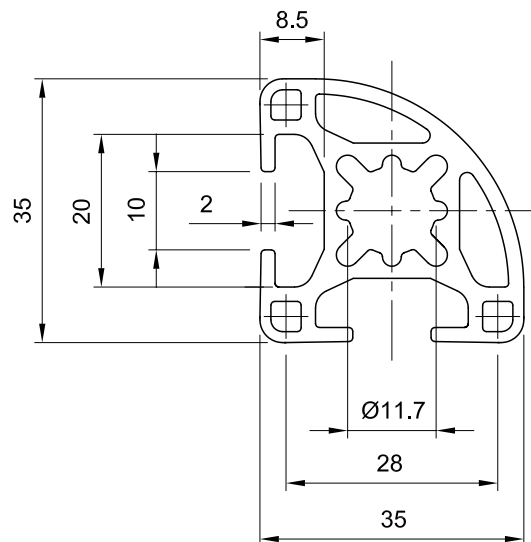


35 x 35 S

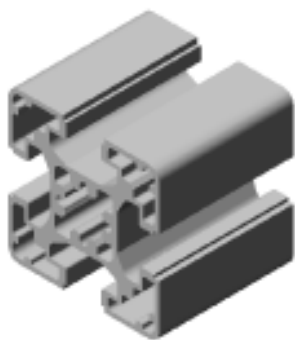


Tipo	Código
790.001	0.500.79-.-.-

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 Replace dashes by lenght in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).

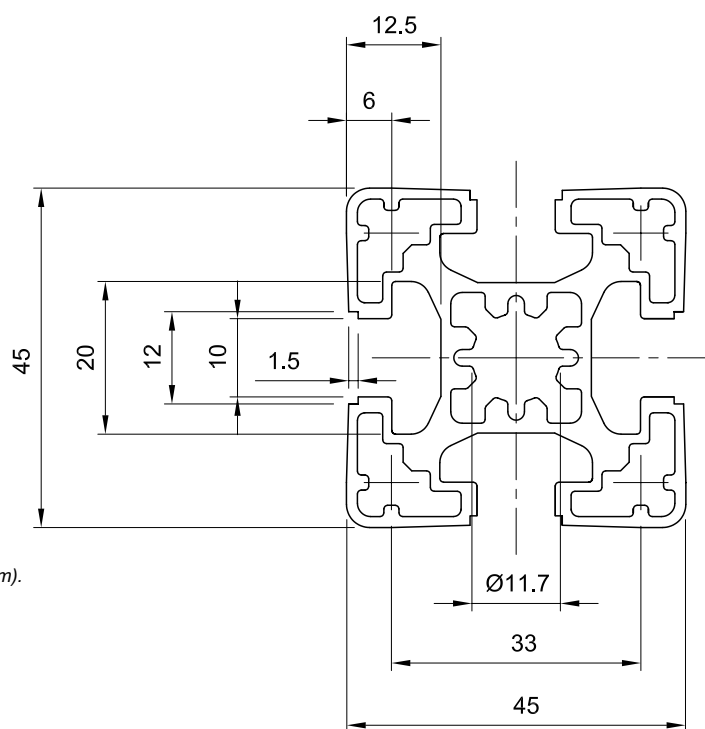


45 x 45 L

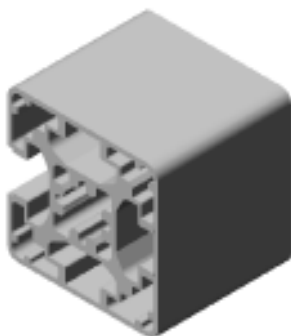


Tipo	Código
660.001	0.500.66-.-.-

Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
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 Substituir os traços pelo comprimento em mm (max. 6000 mm).

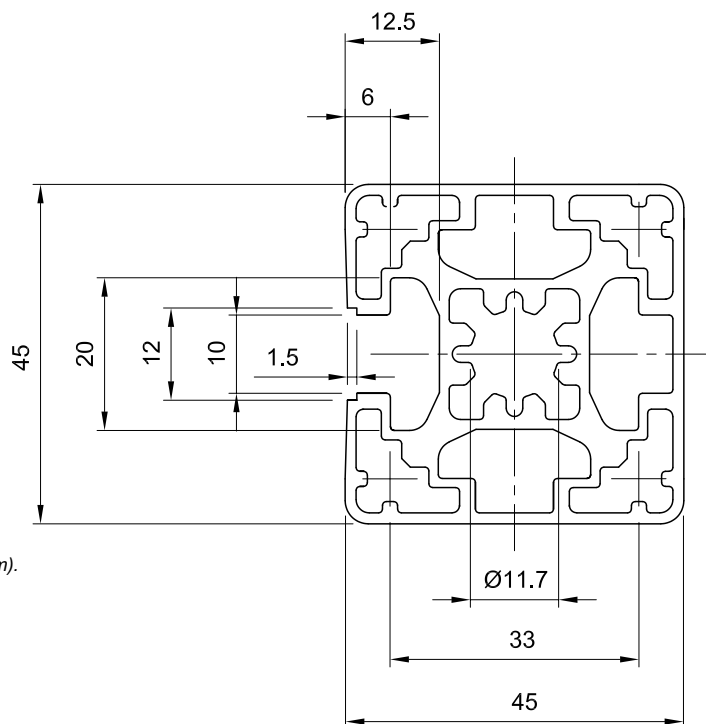


45 x 45 1 ranura/groove

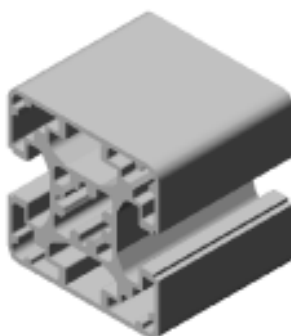


Tipo	Código
690.001	0.500.69-.-.-

Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
 Replace dashes by lenght in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).

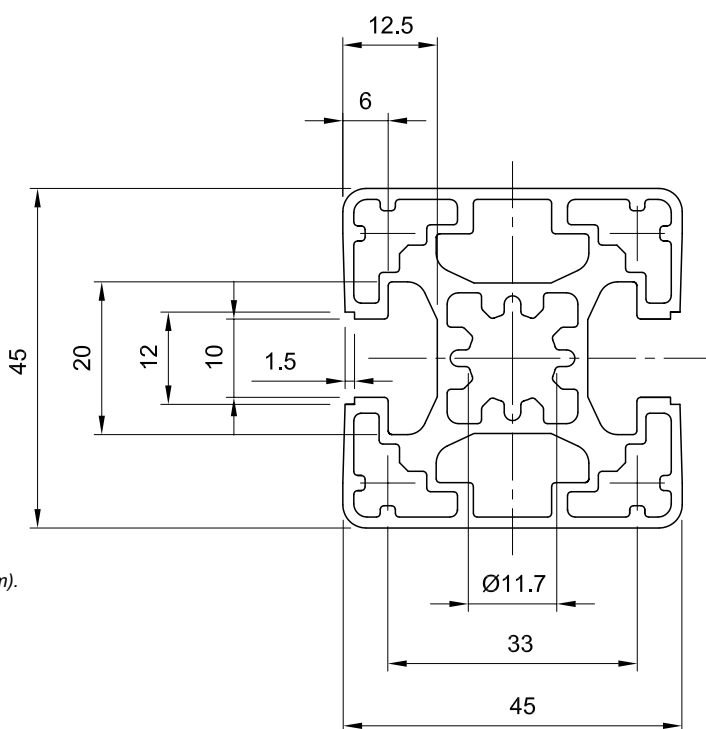


45 x 45 2 ranuras/grooves 180°



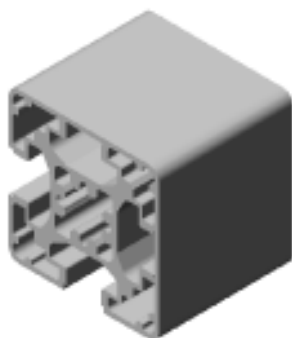
Tipo	Código
820.001	0.500.82-.-.-

Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
 Replace dashes by lenght in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).



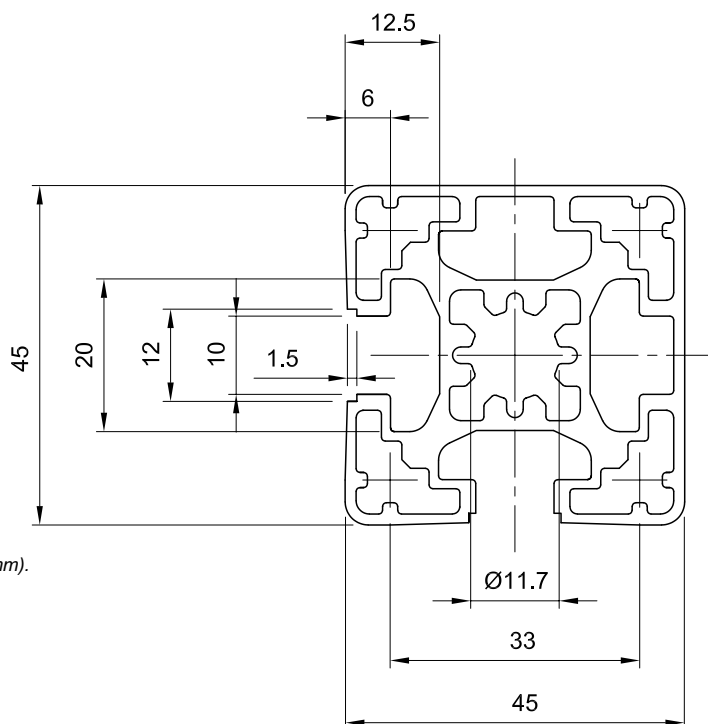
45 x 45

2 ranuras/grooves 90°

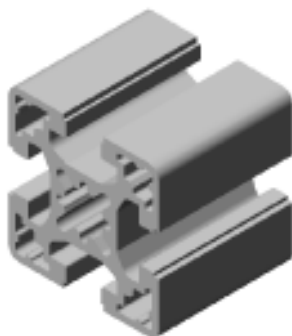


Tipo	Código
830.001	0.500.83-.-.-

Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
 Replace dashes by length in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).

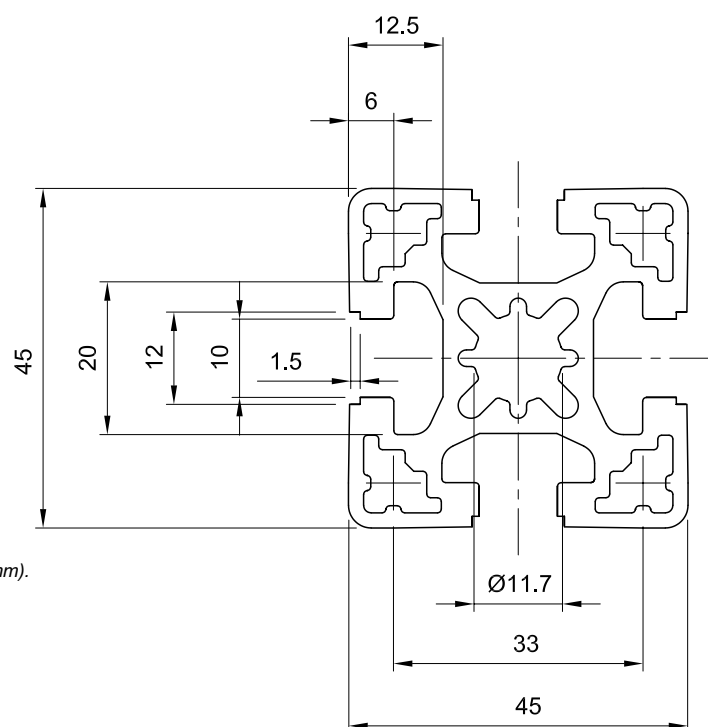


45 x 45

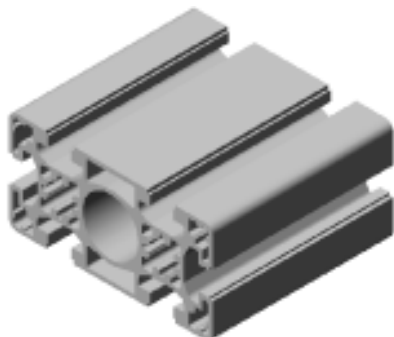


Tipo	Código
810.001	0.500.81-.-.-

Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
 Replace dashes by length in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).

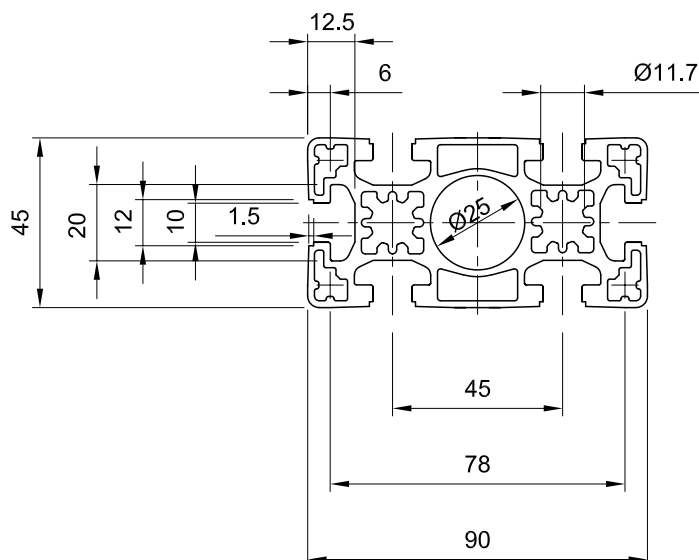


45 x 90 L

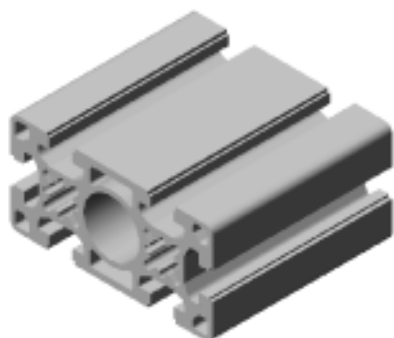


Tipo	Código
670.001	0.500.67-.-.-

Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
 Replace dashes by lenght in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).

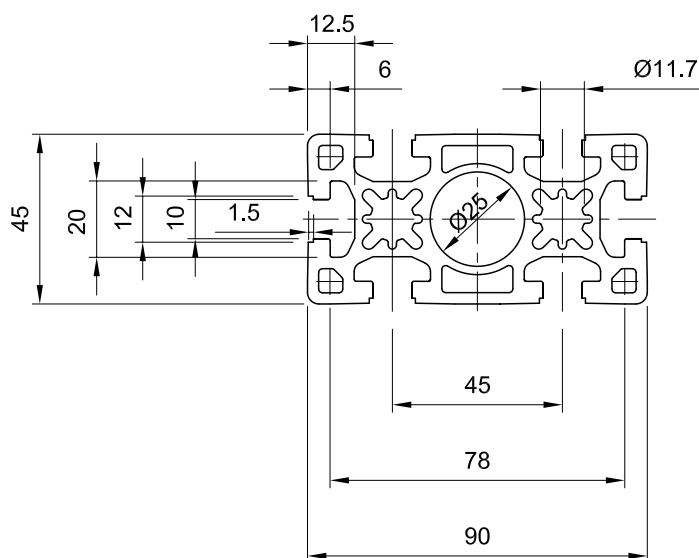


45 x 90

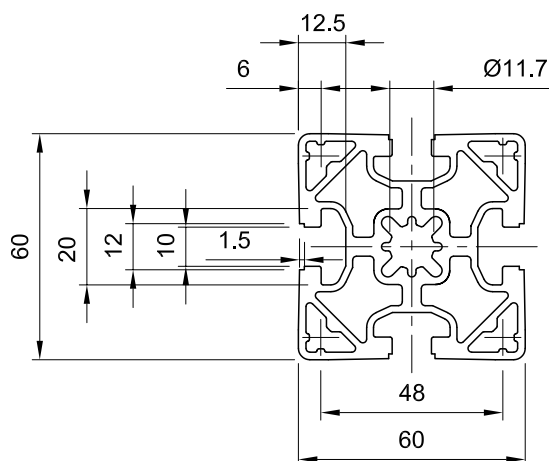
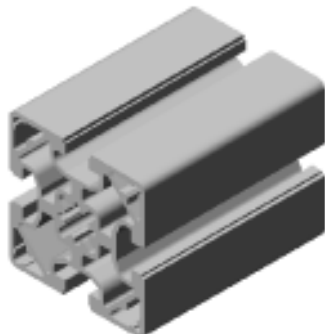


Tipo	Código
620.001	0.500.62-.-.-

Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
 Replace dashes by lenght in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).



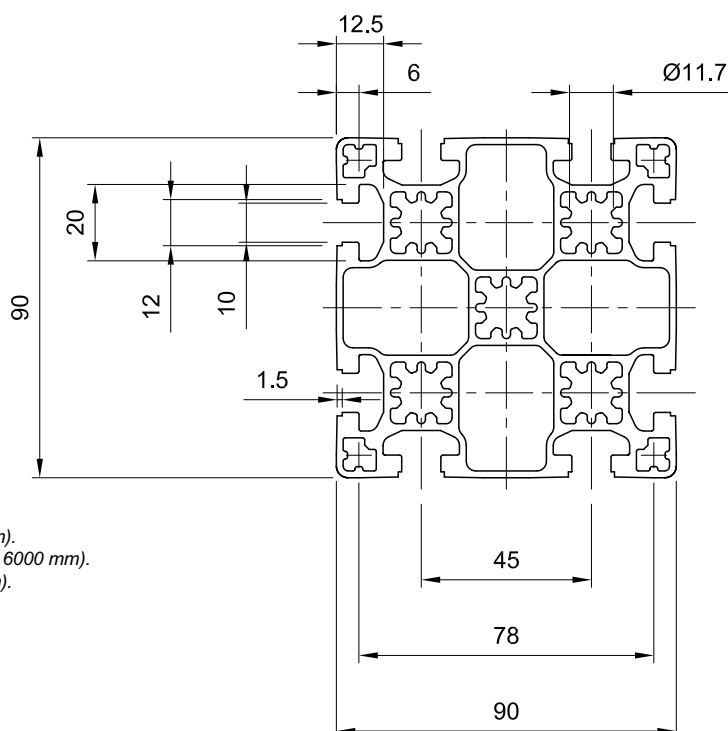
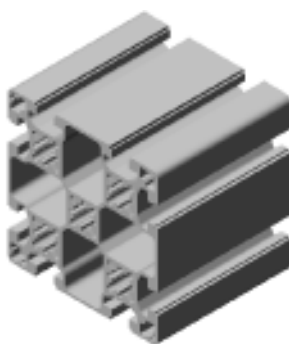
60 x 60 L



Tipo	Código
730.001	0.500.73-.-

Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
 Replace dashes by lenght in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).

90 x 90



Tipo	Código
850.001	0.500.85-.-

Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
 Replace dashes by lenght in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).

Posibilidades de mecanizado en extremos

Outline of end finishing

Possibilidades de usinagens dos extremos

Completar los códigos de los perfiles trozados de acuerdo a la siguiente tabla según el mecanizado deseado en cada extremo.

Complete profile codes according the following chart depending desired mechanizing in each end.

Completar os codigos dos perfis troçados de acordo a seguinte tabela segundo o usinagem desejado em cada extremo.

Ex.: 0.500.350.300/002/012

02				20			
03		15°		21			
04		30°		22			
05		45°		23			
06		15°		24			
07		30°		25			
08		45°		26			
09		15°		27			
10		30°		28			
11		45°		29			
12				30			
13				31			
14				32			
15				33			
16				34			
17				35			
18	<p>Para perfiles de 35x35 la cota 32 mm debe ser 36 mm. For 35x35 profiles dimension 32 mm must be 36 mm. Para perfis de 35x35 a cota 32 mm deve ser 36 mm.</p>			36			
19				37			

Posibilidades de mecanizado en extremos

Outline of end finishing

Possibilidades de usinagens dos extremos

Completar los códigos de los perfiles trozados de acuerdo a la siguiente tabla según el mecanizado deseado en cada extremo.

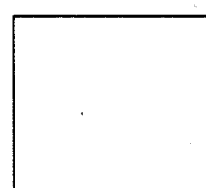
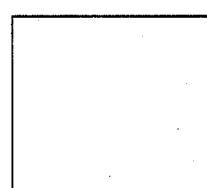
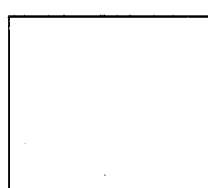
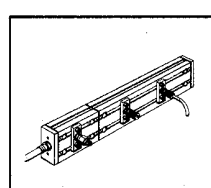
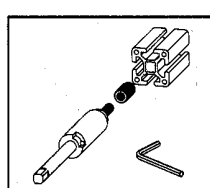
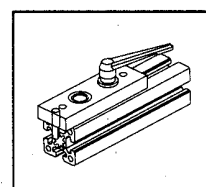
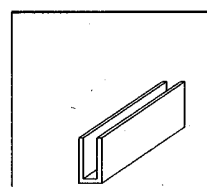
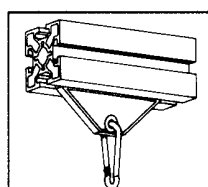
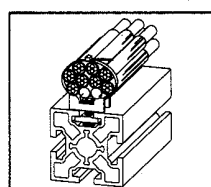
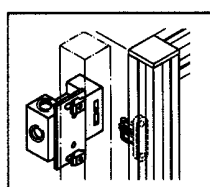
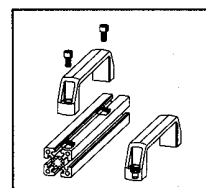
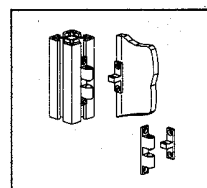
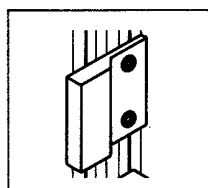
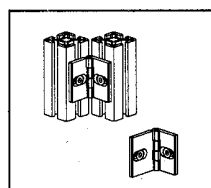
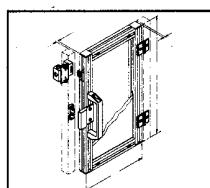
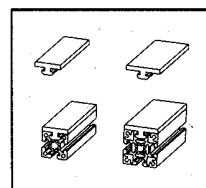
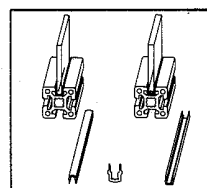
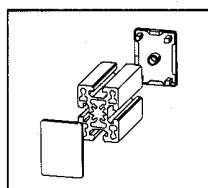
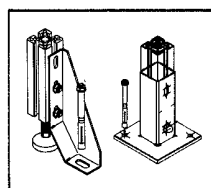
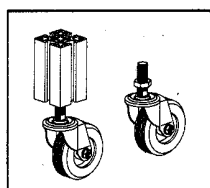
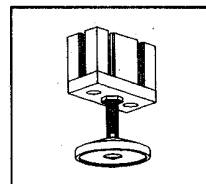
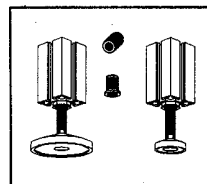
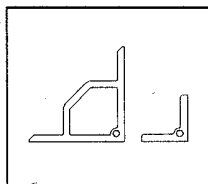
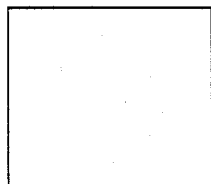
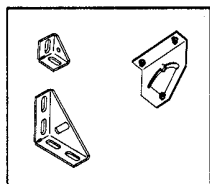
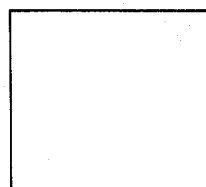
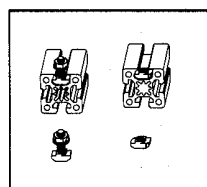
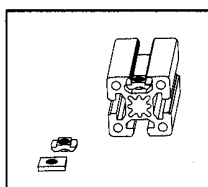
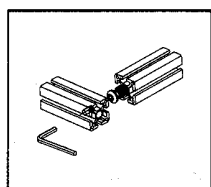
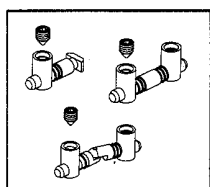
Complete profile codes according the following chart depending desired mechanizing in each end.

Completar os codigos dos perfis troçados de acordo a seguinte tabela segundo o usinagem desejado em cada extremo.

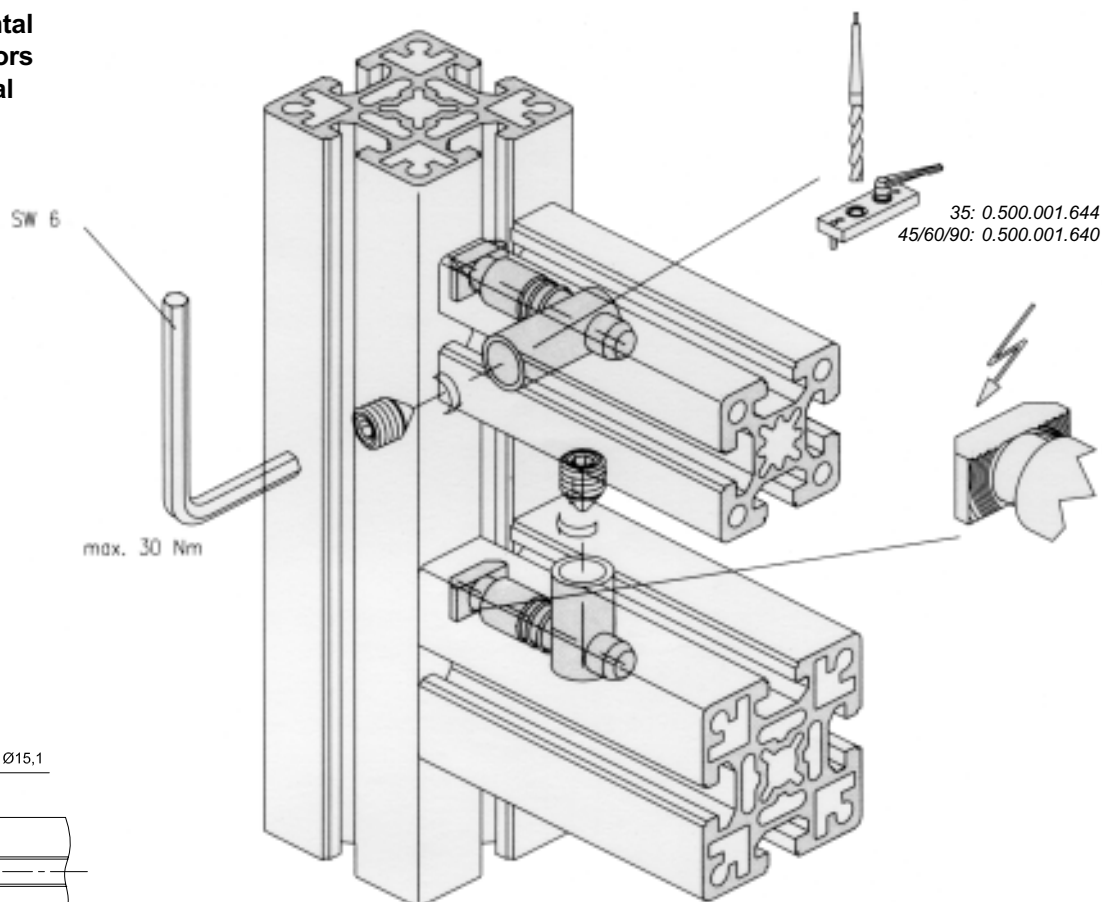
Ex.: 0.500.350.300/038/044

38			55		
39			56		
40			57		
41	M 8 (1x)		58		
42	M 8 (2x)	M 8 x 20	59		
43	M 8 (4x)	Solicitar casquillo por separado	60		
44	M 12 (1x)		61		
45	M 12 (2x)	M 12 x 100	62		
46	M 12 (4x)	Solicitar casquillo por separado	63		
47	M 14 (1x)		64		
48	M 14 (2x)	M 14 x 100	65		
49	M 14 (4x)		66		
50	M 16 (1x)		67		
51	M 16 (2x)	M 16 x 100	68		
52	M 16 (4x)	Consultar	69		
53					
54					

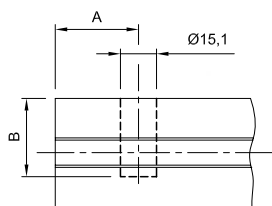
Índice Index Indice



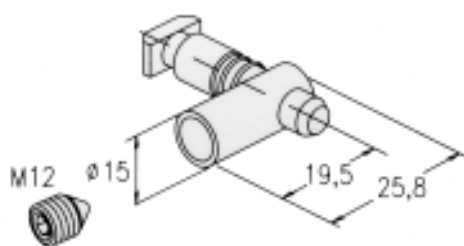
Conexión frontal Front connectors Ligação frontal



Detalle de perforado

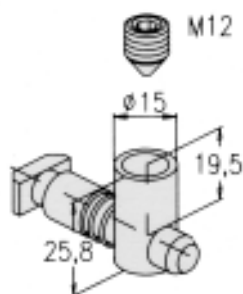


Perfil	A	B
35	36	25,5
45/90	32	30,5
60	32	38



Conexión cabeza alineada Right-angle connector Ligação cabeça alinhada

Tipo	Código
1.155	0.500.001.155



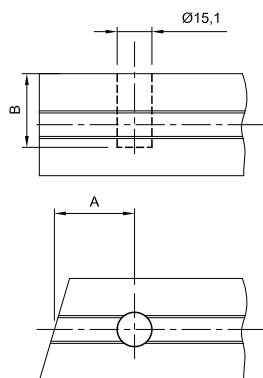
Conexión cabeza a 90° Right-angle connector turned 90° Ligação em angulo de 90°

Tipo	Código
1.156	0.500.001.156

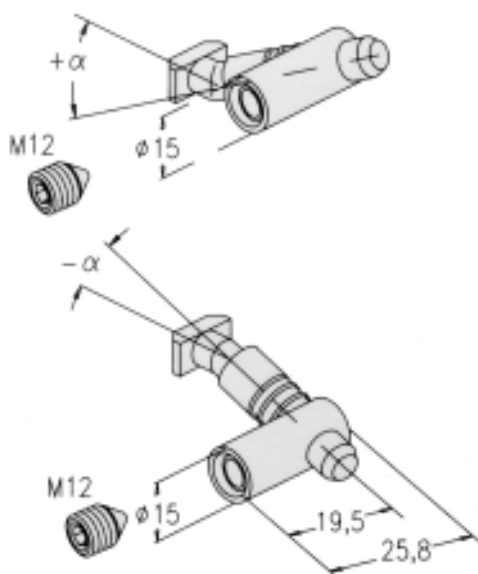
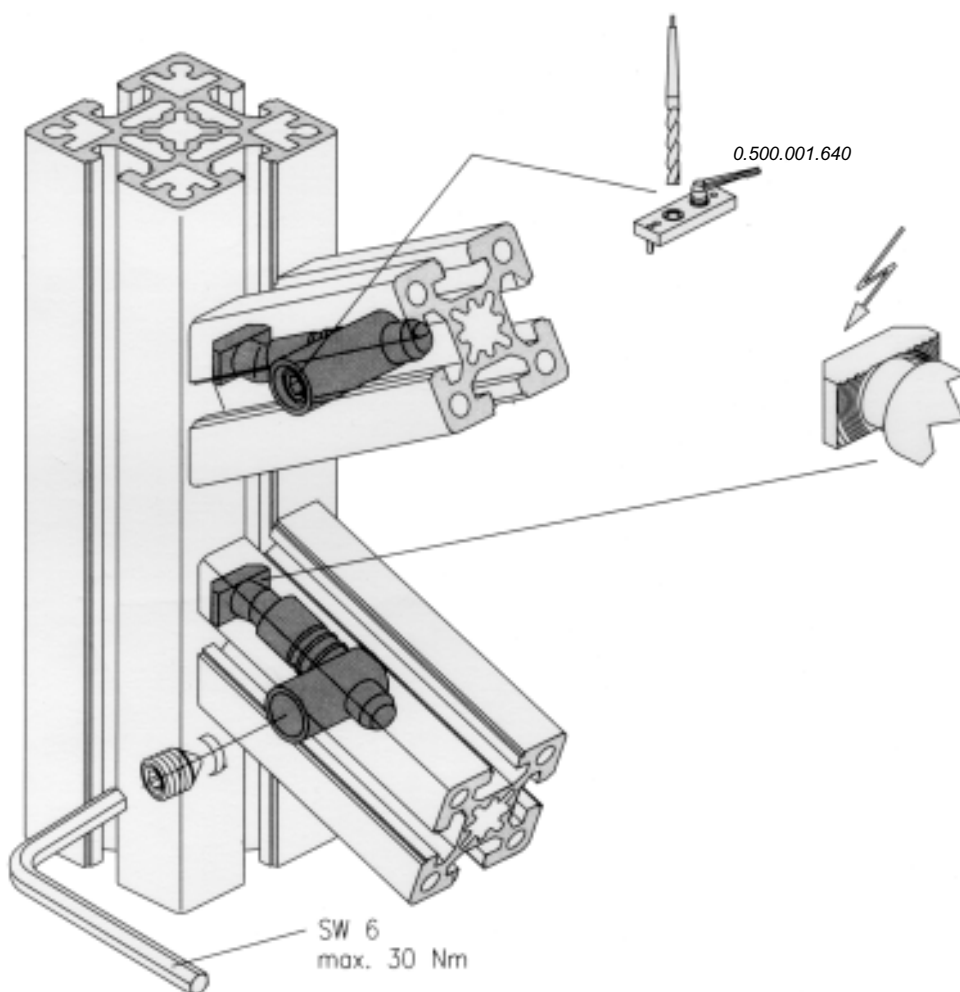
Unidad de venta 5
Sale unit 5
Unidade de venda 5
Acero cincado
Galvanized steel
Aço zincado

Conexión frontal angular Front angled connectors Ligação frontal angular

Detalle de perforado



Perfil	A	B
45/90	32	30,5
60	32	38



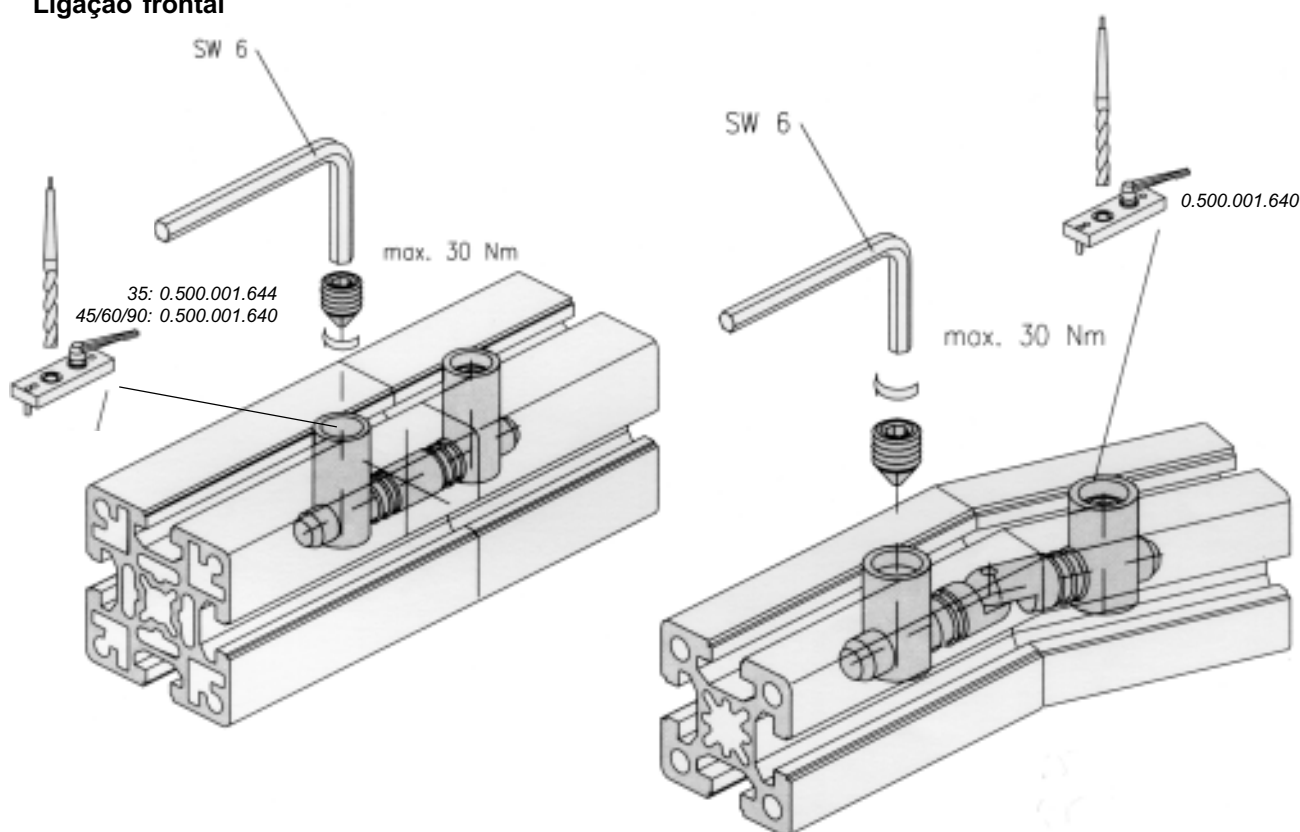
α	Tipo	Código / Code
+ 15°	1.157	0.500.001.157
+ 30°	1.158	0.500.001.158
+ 45°	1.159	0.500.001.159

α	Tipo	Código / Code
- 15°	1.160	0.500.001.160
- 30°	1.161	0.500.001.161
- 45°	1.162	0.500.001.162

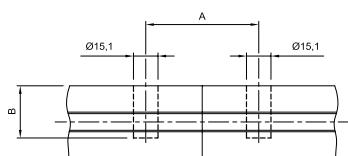
No apto para perfiles de 35 mm
Not good for 35 mm profiles
Nao apto para perfis de 35 mm

Acero cincado
Galvanized steel
Aço zincado

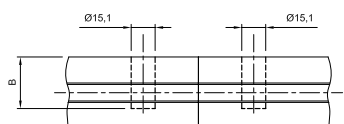
Conexión frontal Front connectors Ligação frontal



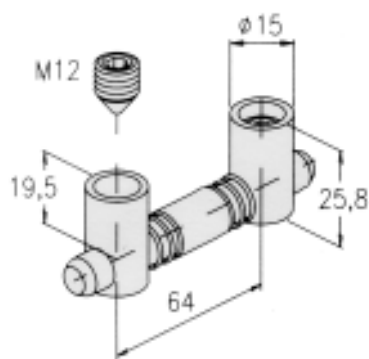
Detalles de perforados



Perfil	A	B
35	72	25,5
45/90	64	30,5
60	64	38

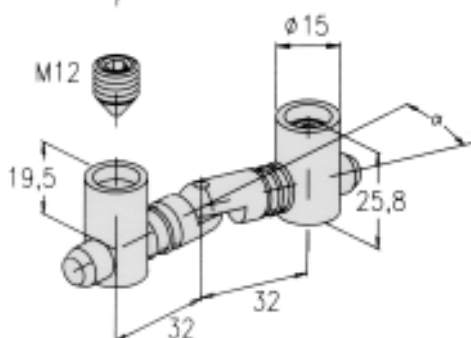


Perfil	A	B
35	64	25,5
45/90	64	30,5
60	64	38



Unión alineada
Straight connector
União alinhada

Perfil	Código
45/60/90	0.500.001.163
35	0.500.001.170

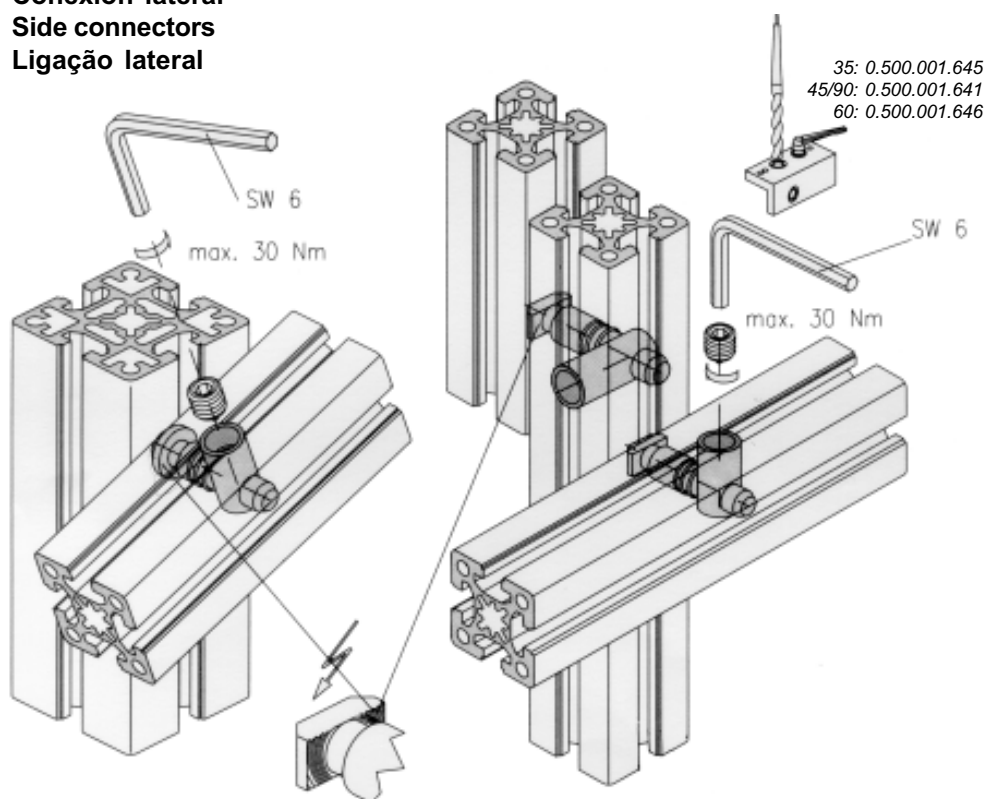


Unión angular (α 90...270°)
Angled connectors (α 90...270°)
União com angulo (α 90...270°)

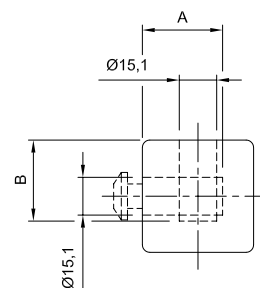
Tipo	Código
1.164	0.500.001.164

Acero cincado
Galvanized steel
Aço zincado

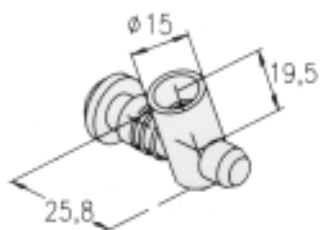
Conexión lateral Side connectors Ligação lateral



Detalle de perforado

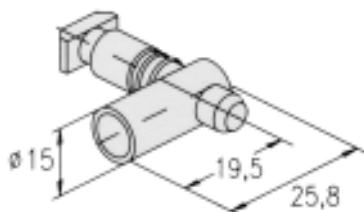


Perfil	A	B
35	26	25,5
45/90	31,5	30,5
60	39	38



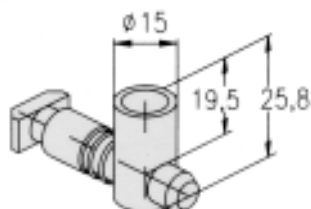
Conexión lateral orientable
Side connector
Ligação lateral orientável

Perfil	Tipo	Código / Code
35	1.524	0.500.001.524
45	1.624	0.500.001.624
60	1.627	0.500.001.627



Conexión lateral cabeza alineada
Side connector, aligned head
Ligação lateral cabeça alinhada

Perfil	Tipo	Código / Code
35	1.525	0.500.001.525
45	1.625	0.500.001.625
60	1.628	0.500.001.628



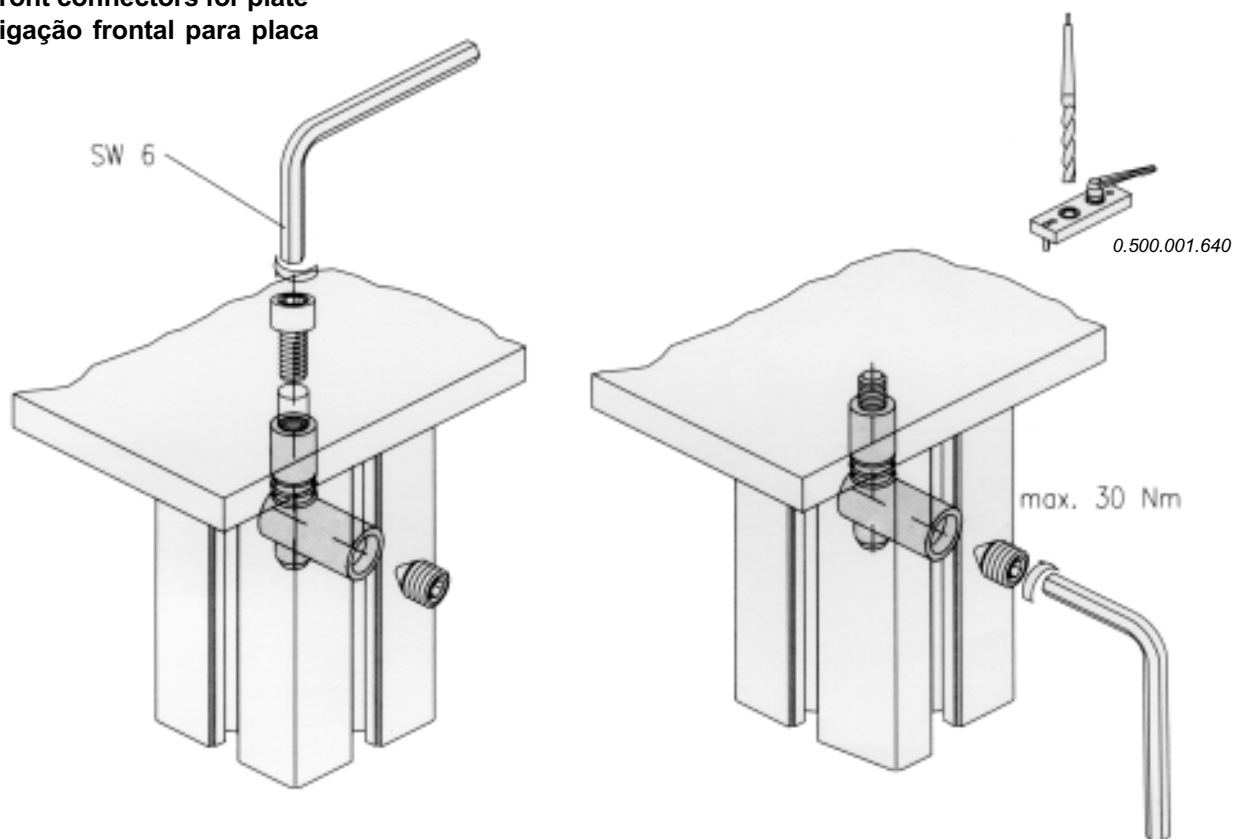
Conexión lateral cabeza a 90°
Side connector, head turned 90°
Ligação lateral cabeça à 90°

Perfil	Tipo	Código / Code
35	1.526	0.500.001.526
45	1.626	0.500.001.626
60	1.629	0.500.001.629

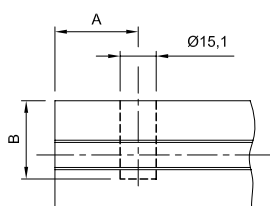
Acero cincado
Galvanized steel
Aço zincado

Unidad de venta 5
Sale unit 5
Unidade de venda 5

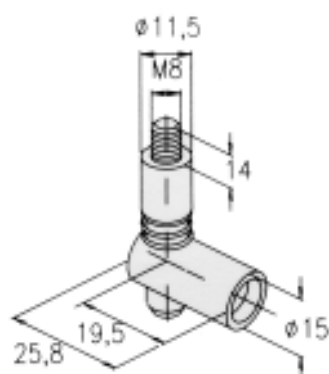
Conexión frontal para placa Front connectors for plate Ligação frontal para placa



Detalle de perforado

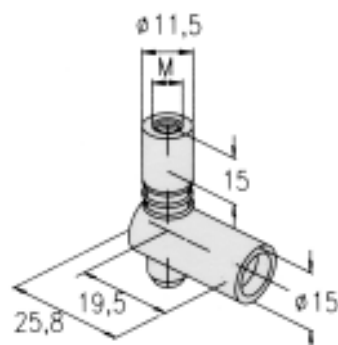


Perfil	A	B
35	32	25,5
45/90	32	30,5
60	32	38



Conexión con rosca exterior Connector with external thread Ligação com rosca externa

	Tipo	Código
M8	1.166	0.500.001.166



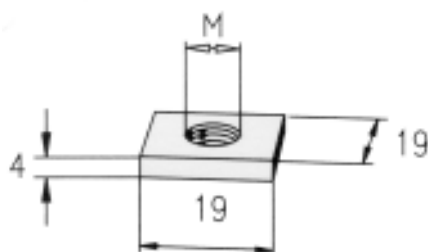
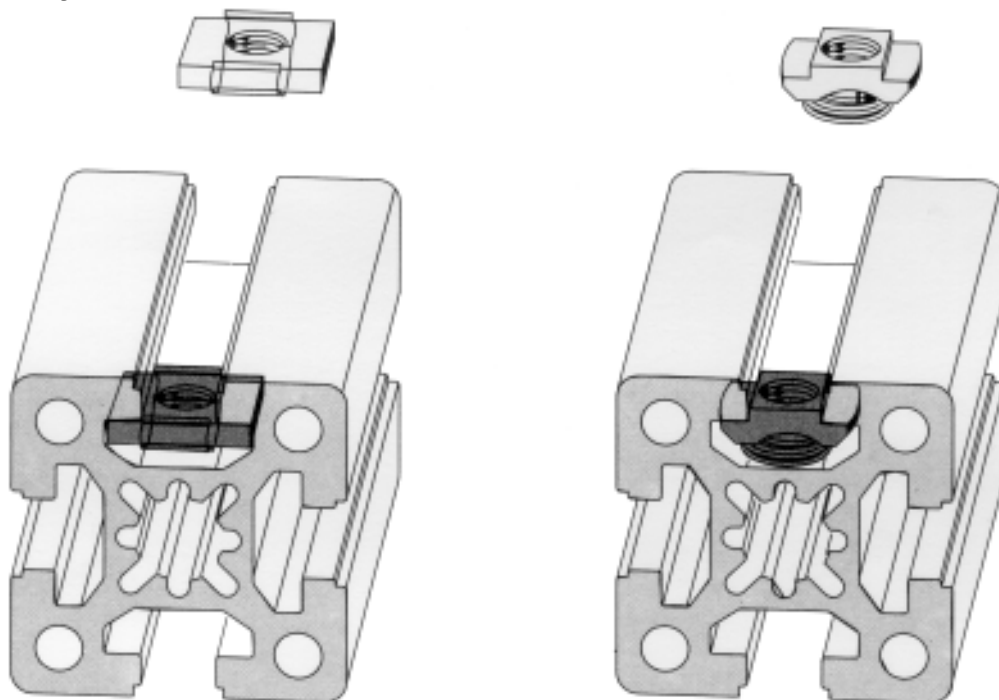
Conexión con rosca interior Connector with internal thread Ligação com rosca interna

M	Tipo	Código
M6	1.167	0.500.001.167
M8	1.168	0.500.001.168
M10	1.169	0.500.001.169

Acero cincado
Galvanized steel
Aço zincado

Unidad de venta 5
Sale unit 5
Unidade de venda 5

Tuerca de inserción Insertion nut Porca de Inserção



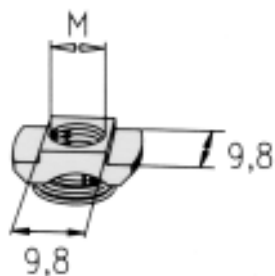
Tuerca de inserción axial
Axial insertion nut
Porca de Inserção axial
(resorte incluido)
(spring included)
(mola inclusa)

M	Tipo	Código
M4	1.124	0.500.001.124
M5	1.125	0.500.001.125
M6	1.126	0.500.001.126
M8	1.127	0.500.001.127



Resorte
Spring
Mola

	1.317	0.500.001.317
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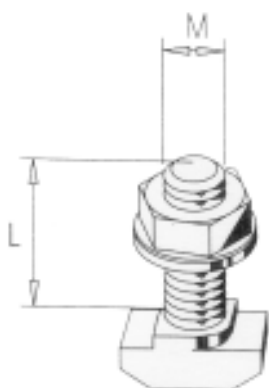
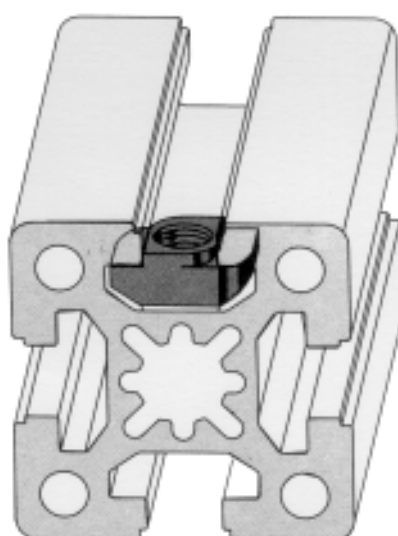
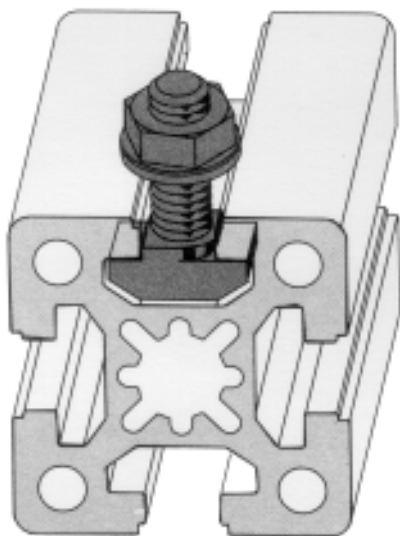
Tuerca de inserción frontal
Front insertion nut
Porca de Inserção frontal

M4	1.606	0.500.001.606
M5	1.607	0.500.001.607
M6	1.608	0.500.001.608
M8	1.609	0.500.001.609

Acero cincado
Galvanized steel
Aço zincado

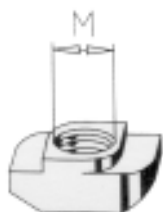
Unidad de venta 5
Sale unit 5
Unidade de venda 5

Tornillo de cabeza martillo
T-bolt, T-nut
Parafuso com cabeça de martelo



Tornillo de cabeza martillo
T-bolt
Parafuso com cabeça de martelo
(tuerca no incluída - nut not included - porca não inclusa)

Tuerca con collar biselado
Nut
Porca de cabeça biselada



Tuerca cabeza martillo
T-nut
Porca de cabeça de martelo

M	Tipo	Código
M8x20	1.130	0.500.001.130
M8x25	1.131	0.500.001.131
M8x30	1.132	0.500.001.132
M8x40	1.133	0.500.001.133
M8x60	1.134	0.500.001.134

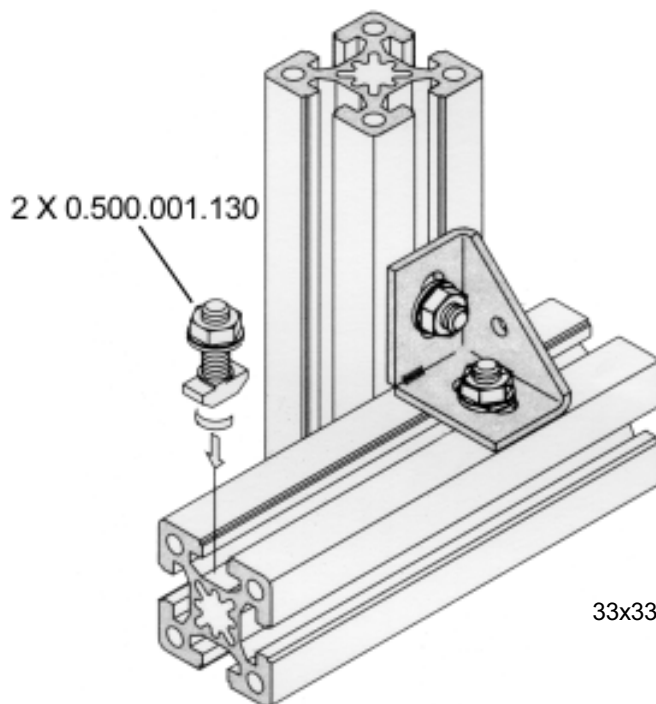
Tuerca M8 con collar biselado	0.500.017.836
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M	Tipo	Código
M4	17.826	0.500.017.826
M5	1.611	0.500.001.611
M6	1.612	0.500.001.612
M8	1.613	0.500.001.613

Acero cincado
Galvanized steel
Aço zincado

Unidad de venta 5
Sale unit 5
Unidade de venda 5

Ângulo Bracket Cantoneira

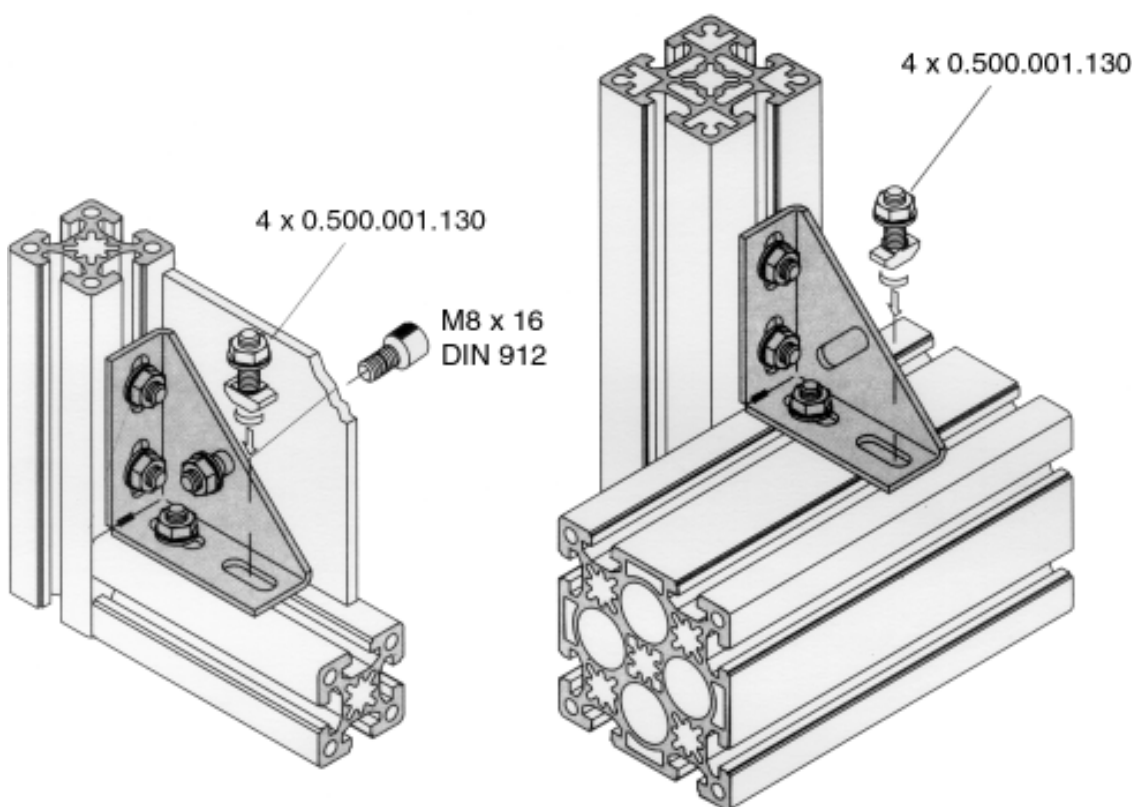


33x33 mm

Tipo	Código
1.175	0.500.001.175

43x43 mm

Tipo	Código
1.176	0.500.001.176



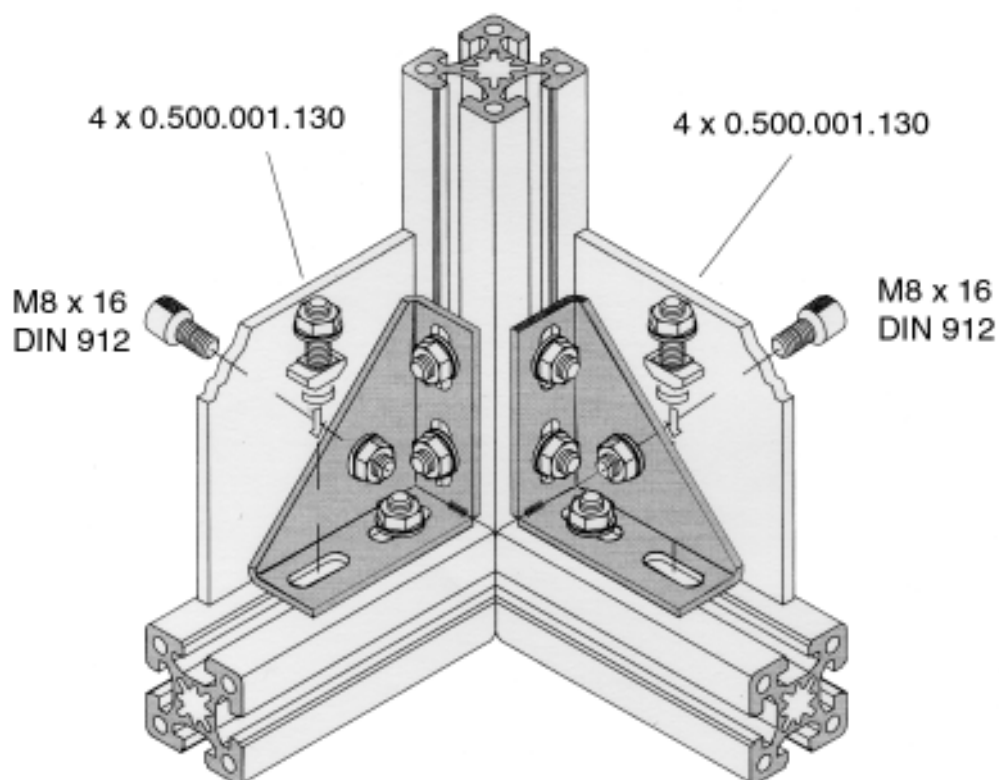
78x78 mm

Tipo	Código
1.177	0.500.001.177

Tomilleria no incluida
Screws and nuts not included
Não estão inclusos os parafusos

Acero cincado
Galvanized steel
Aço zincado

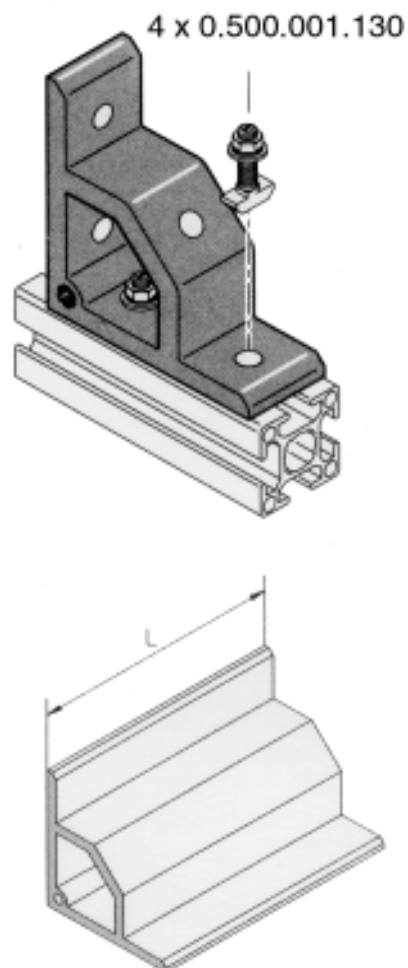
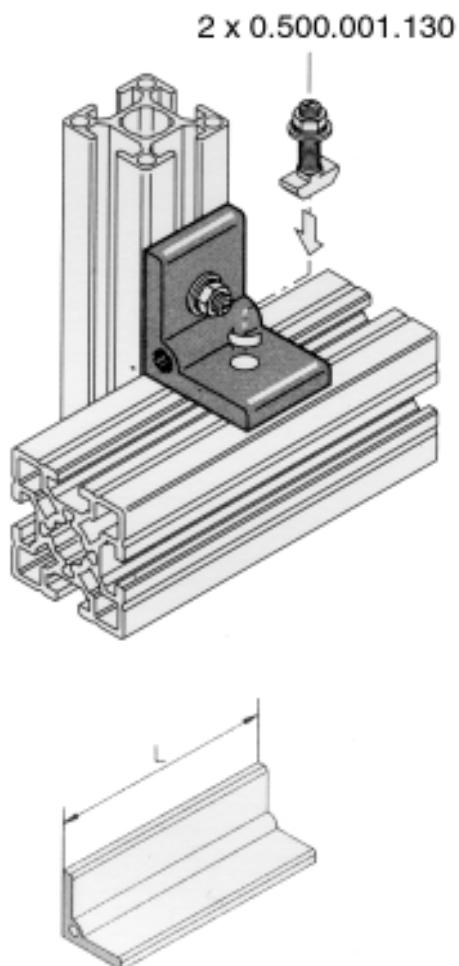
Ángulo
Bracket
Cantoneira



100x100 mm

Tipo	Código
1.178	0.500.001.178

Escuadra 48x48, 98x98
Bracket
Esquadro



	Tipo	Código
48x48x35	8.969	0.500.008.969
L	7.800	0.500.78-,-,-

	Tipo	Código
98x98x35	8.967	0.500.008.967
L	7.700	0.500.77-,-,-

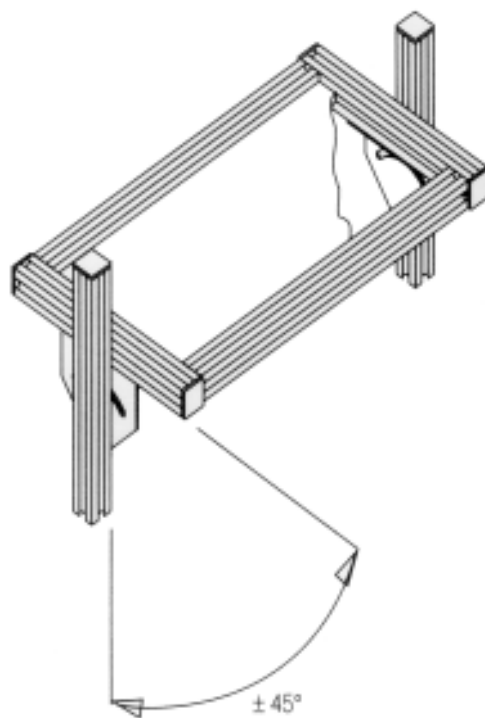
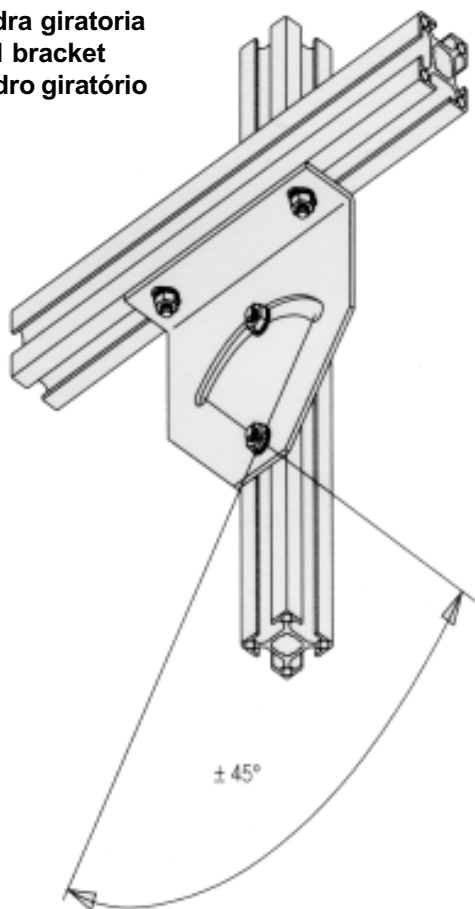
Tornillería no incluída
Screws and nuts not included
Não estão inclusos os parafusos

Aluminio
Aluminium
Alumínio

Superfície anodizada en color natural
Surface natural-color anodized
Superfície anodizada em cor natural

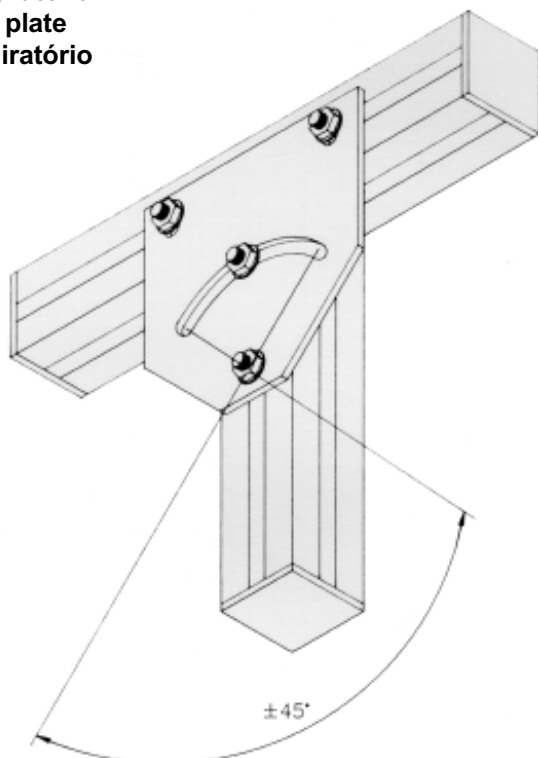
Reemplazar los guiones por la longitud en mm (máx. 6000 mm).
Replace dashes by lenght in mm, with zeros in the left (max. 6000 mm).
Substituir os traços pelo comprimento em mm (max. 6000 mm).

Escuadra giratoria
Angled bracket
Esquadro giratório



Tipo	Código
1.188	0.500.001.188

Placa giratoria
Angled plate
Placa giratório

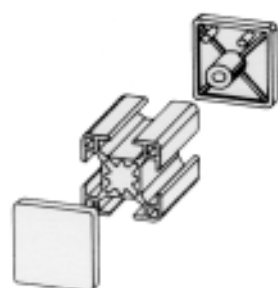


Tipo	Código
1.185	0.500.001.185

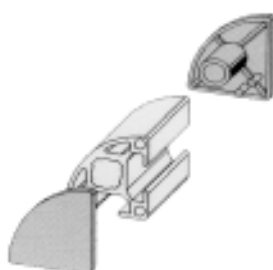
*Tornillería no incluída
Screws and nuts not included
Não estão inclusos os parafusos*

*Acero cincado
Galvanized steel
Aço zincado*

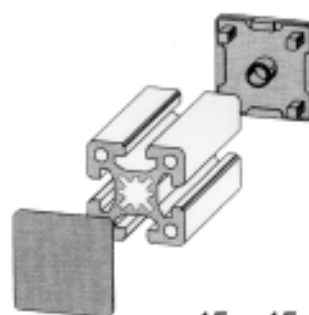
Tapas
Profile end caps
Tampas



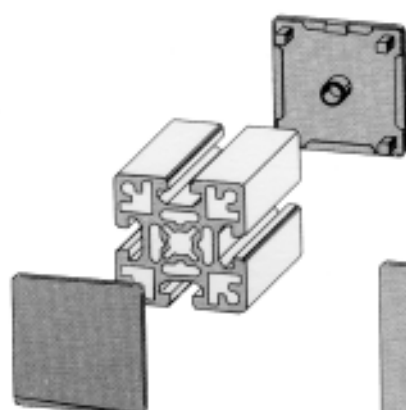
35 x 35



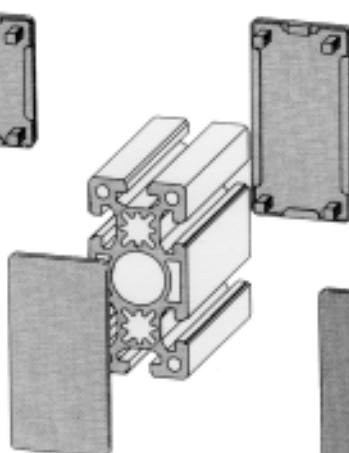
35 x 35 S



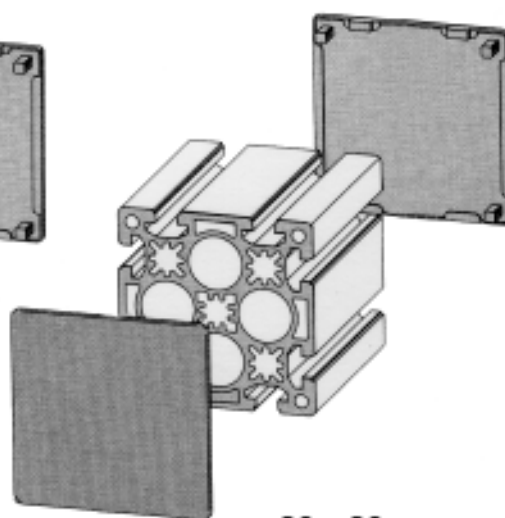
45 x 45



60 x 60



45 x 90



90 x 90

mm	Tipo	Código
35x35	1.400	0.500.001.400
35x35S	8.933	0.500.008.933
45x45	1.600	0.500.001.600
45x90	1.602	0.500.001.602
60x60	1.603	0.500.001.603
90x90	1.604	0.500.001.604

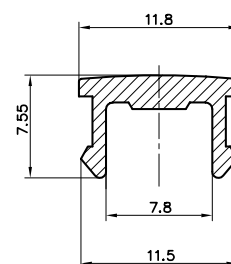
ABS gris / Grey ABS / ABS cinza

Perfil de reducción y de tapa-ranura Slot reducer and cover groove Perfil de vedação



Perfil tapa-ranura
Cover profile
Perfil de fechamento

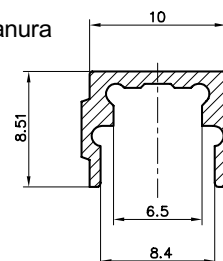
No apto para perfiles de 35 mm.
Not good for 35 mm profiles.
Não apto para perfis de 35 mm.



Tipo	Código
1.633	0.500.001.633

Perfil de reducción y de tapa-ranura
Slot reducer and cover groove
Perfil de vedação

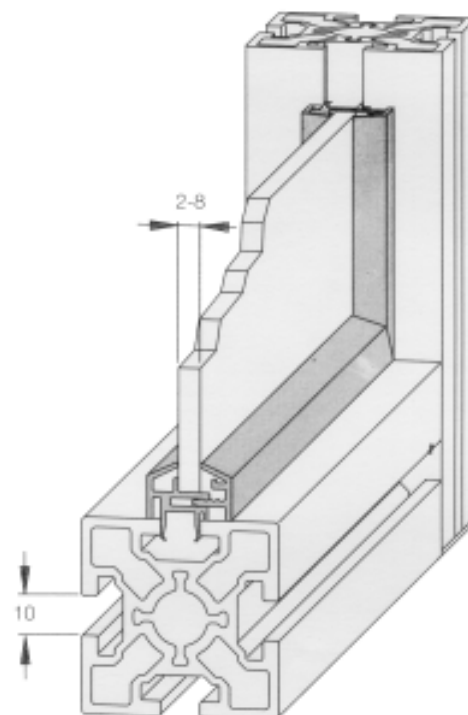
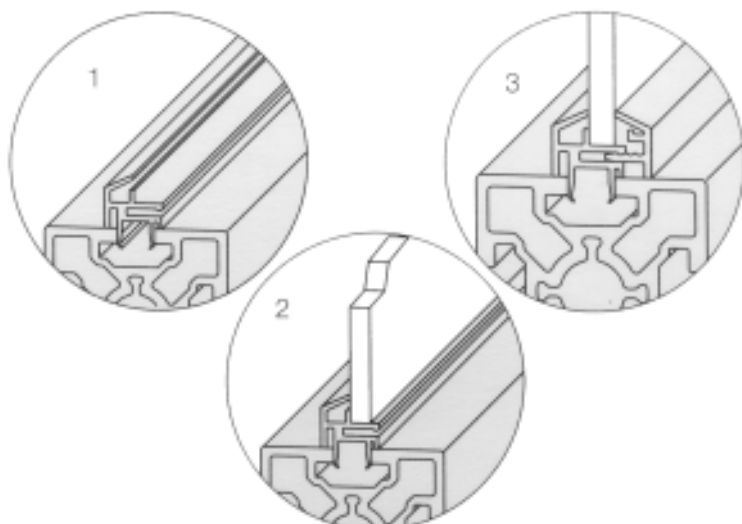
Tapa-ranura sólo para perfiles de 35 mm.
Cover groove only for 35 mm profiles.
Vedação só para perfil de 35 mm.



Tipo	Código
1.532	0.500.001.532

L = 3000
PVC gris / Grey PVC / PVC cinza

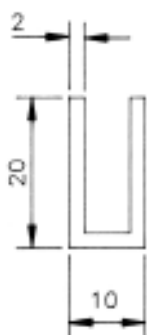
Perfil para vidrio protector Protective pane profile Perfil de vedação para vidro



Tipo	Código
8.937	0.500.008.937

L = 3000
PVC gris / Grey PVC / PVC cinza

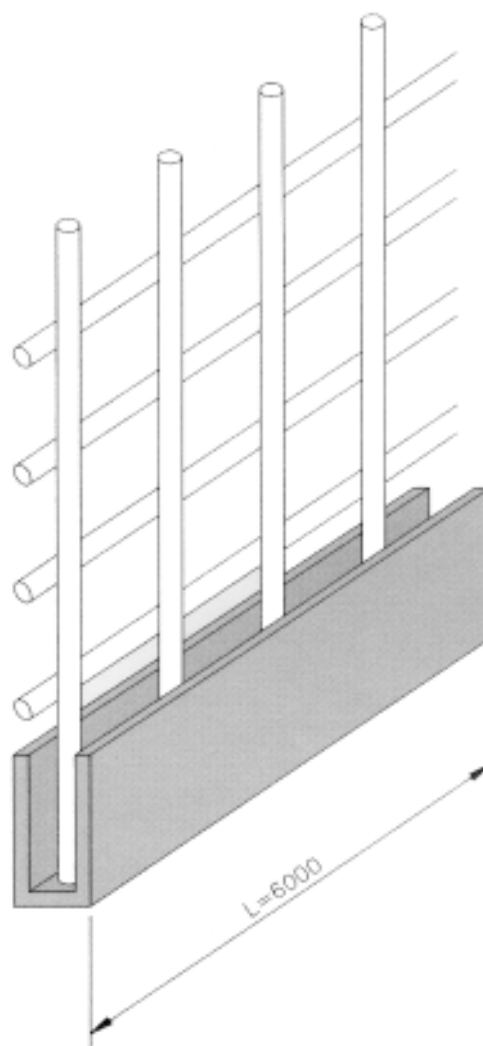
Perfil en "U" para rejilla de protección
 "U"-profile for grate protective
 Perfil "U" para grade de proteção



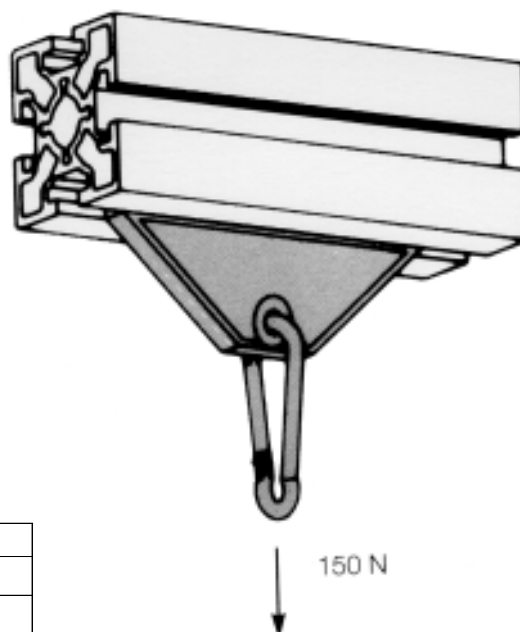
Tipo	Código
2.900	0.500.29-.-.-

Reemplazar los guiones por la longitud en mm, (máx. 6000 mm).
 Replace dashes by length in mm, with zeros in the left (max. 6000 mm).
 Substituir os traços pelo comprimento em mm (max. 6000 mm).

Aluminio
 Aluminium
 Alumínio

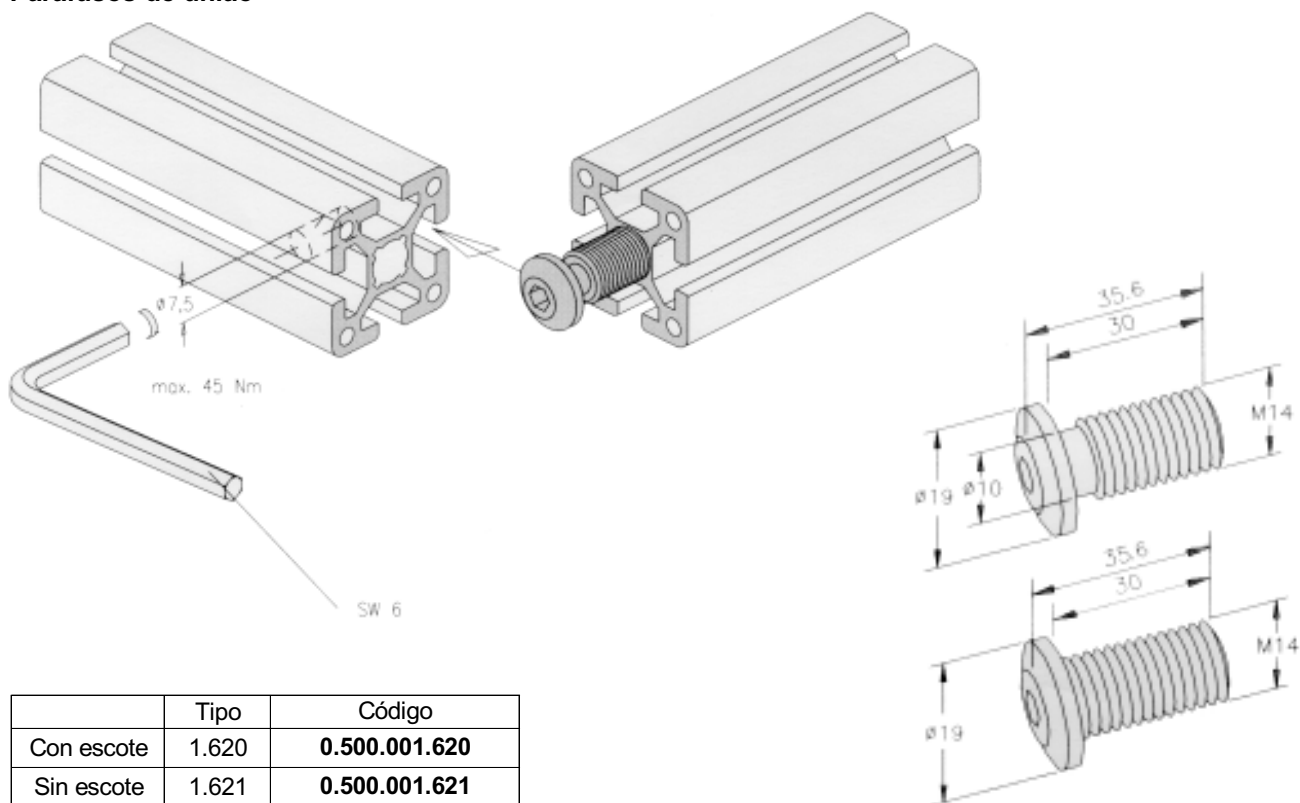


Patín colgante, mosquetón
 Suspension caster, Spring hook
 Gancho deslizante



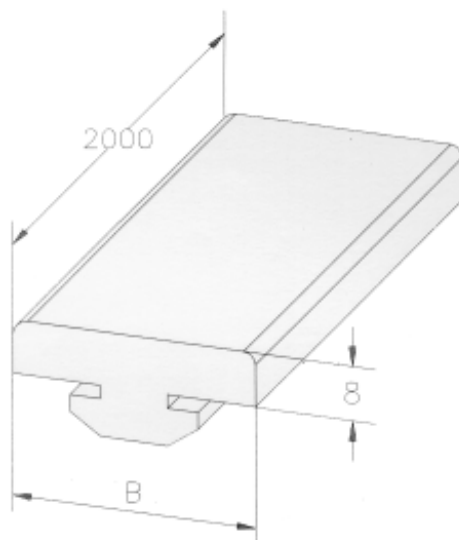
	Tipo	Código
Patín	8.849	0.500.008.849
Mosquetón	8.850	0.500.008.850

Tornillo de unión Connection screw Parafusos de união



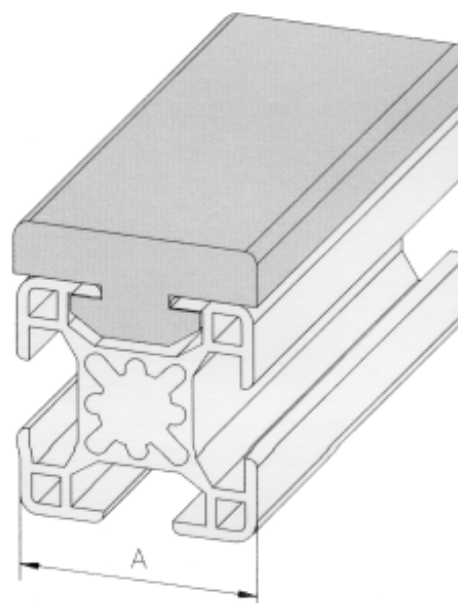
	Tipo	Código
Con escote	1.620	0.500.001.620
Sin escote	1.621	0.500.001.621

Perfil deslizante Slide profile Perfil deslizante



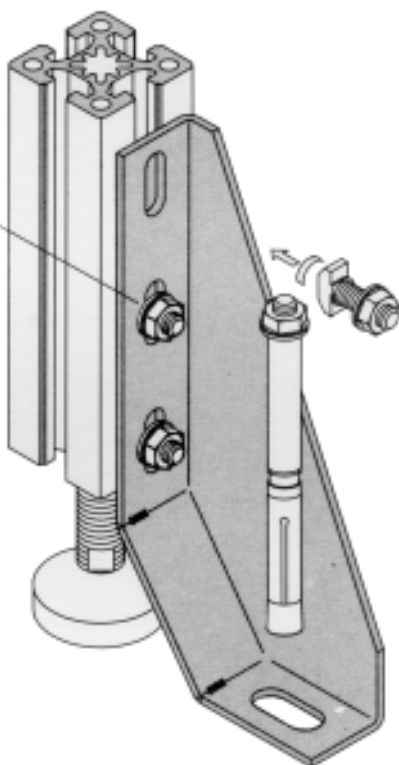
A	B	Tipo	Código
35	36	8.938	0.500.008.938
45	46	1.630	0.500.001.630

Polietileno
Polyethylen
Polietileno



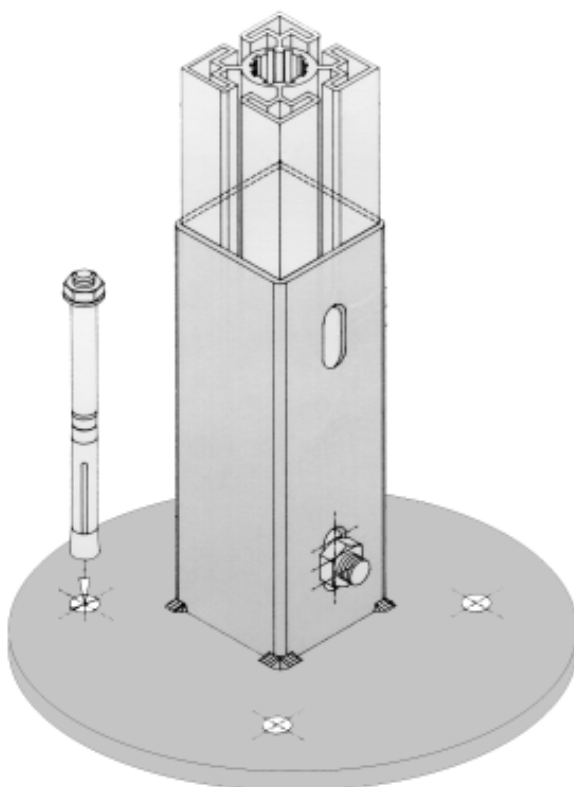
Escuadra para piso
Floor bracket
Esquadro para chão

2 x 0.500.001.130



Tipo	Código
1.185	0.500.001.185

Pie fijación a piso
Floor foot
Pé para chão

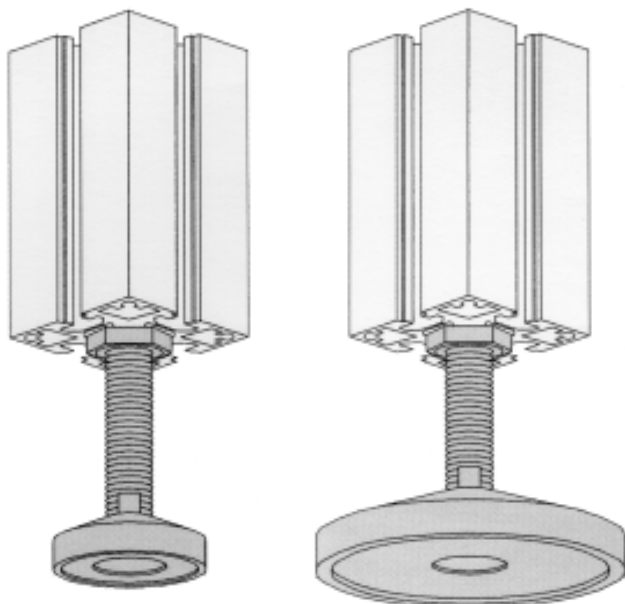


Perfil	Código
45	0.500.001.187
35	0.500.001.189

*Tornillería no incluída
Screws and nuts not included
Não estão inclusos os parafusos*

*Acero cincado
Galvanized steel
Aço zincado*

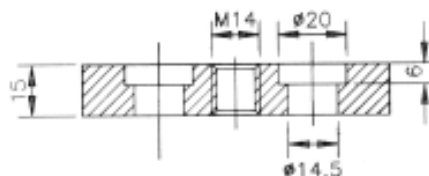
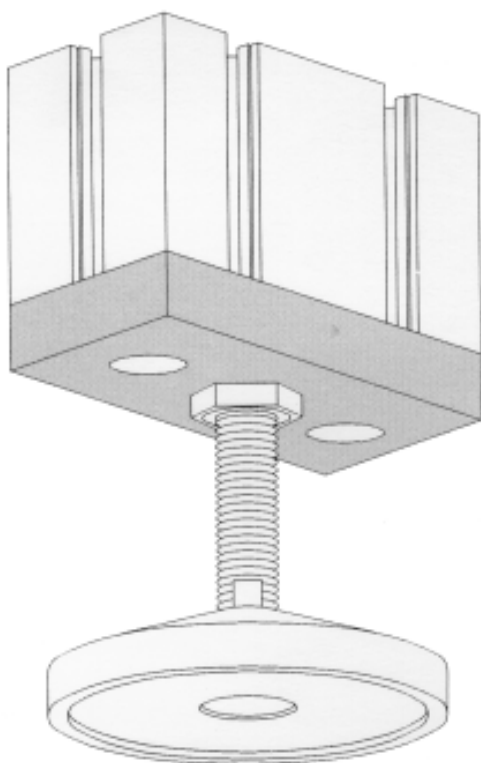
Pies articulados Adjustable knuckle feet Pés articulados



Base poliamida / Foot pad poly / Base em poliamida		Código
	Ø50 – M14x91	0.500.001.107
	Ø50 – M14x126	0.500.001.108
	Ø80 – M14x92	0.500.001.110
	Ø80 – M14x127	0.500.001.111

Base de acero / Steel base / Base em aço		Código
	Ø45 – M14x60	0.500.001.103
	Ø45 – M14x110	0.500.001.104
	Ø90 – M14x60	0.500.001.101
	Ø90 – M14x110	0.500.001.102

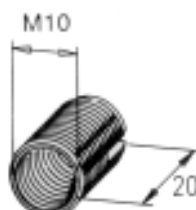
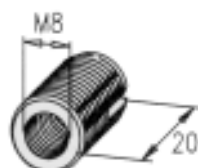
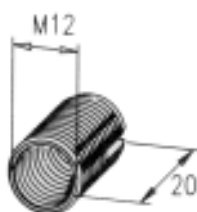
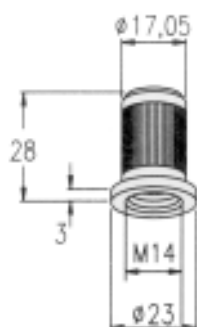
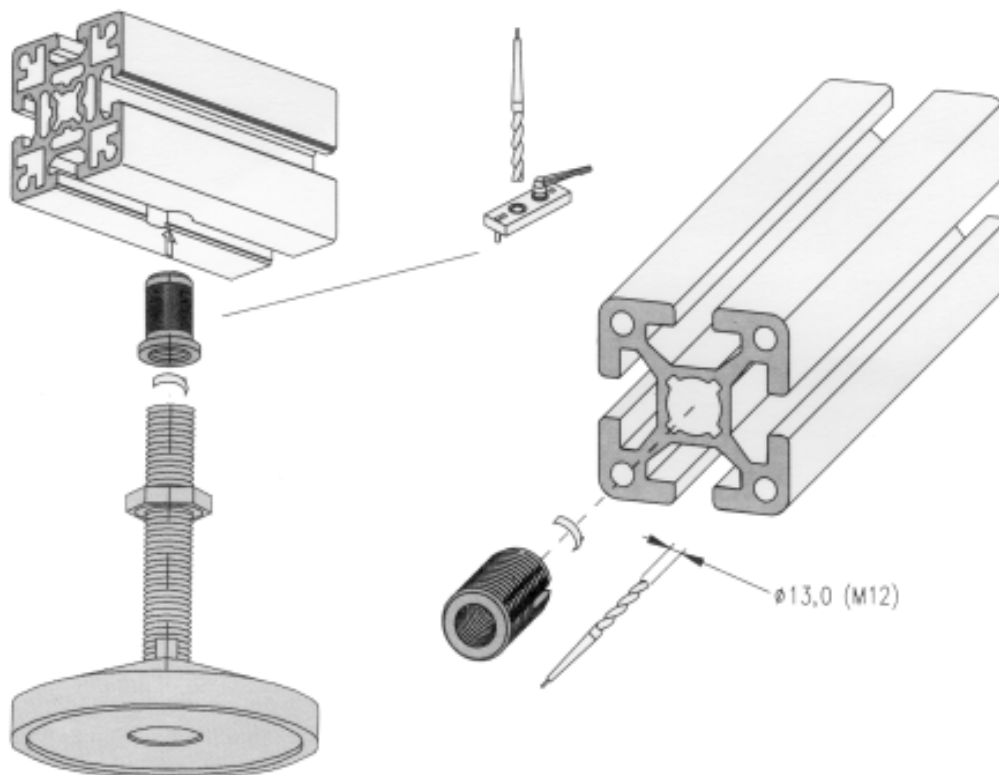
Placa base Basic plate Placa base



Perfil	Rosca	Tipo	Código
45 x 90	M14	1.634	0.500.001.634
90 x 90	M14	1.637	0.500.001.637

Incluidos tornillos fijación placa a perfil
Screwset included
Inclui parafusos para fixação da placa ao perfil

Casquillo con rosca autoformante
Mounting sleeve, selftapping socket
Encaixe roscado



Encaje, rosca
Mounting sleeve
Encaixe roscado

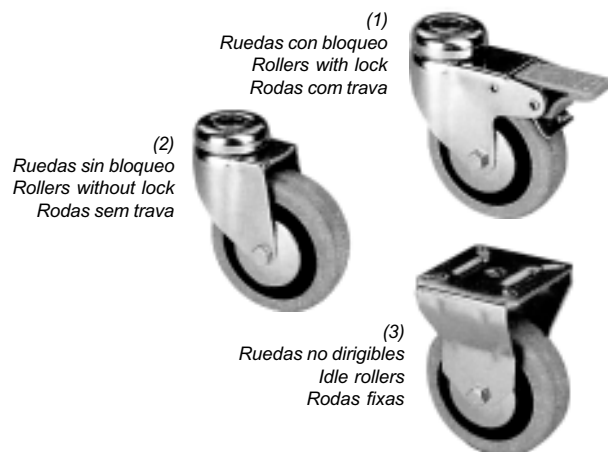
M	Tipo	Código
M14	1.150	0.500.001.150

Casquillo con rosca autoformante
Self-tapping socket
Bucha de aperto

M	Tipo	Código
M8	1.144	0.500.001.144
M10	1.148	0.500.001.148
M12	1.146	0.500.001.146

Acero cincado
Galvanized steel
Aço zincado

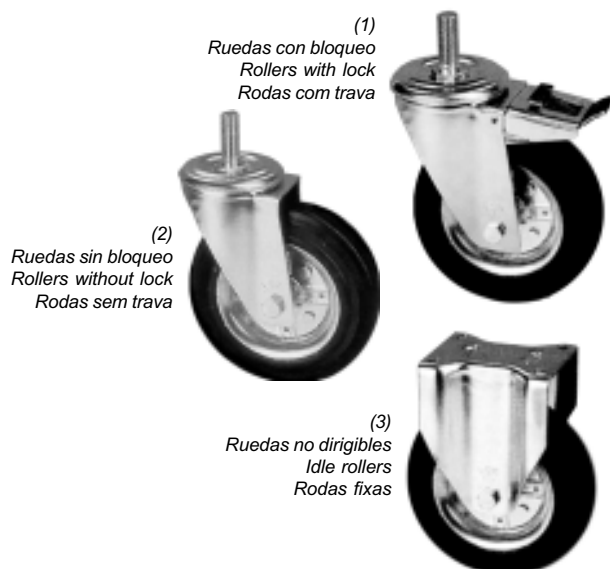
Ruedas Rollers Rodas



Ø	F (N)	Código
80 (1)	550	0.500.001.117
80 (2)	550	0.500.001.116
80 (3)	550	0.500.001.220

(1) y (2) montar con placas base de página 13.2.18
(1) and (2) mount with basic plates from page 13.2.18
(1) e (2) montar com placas base de página 13.2.18

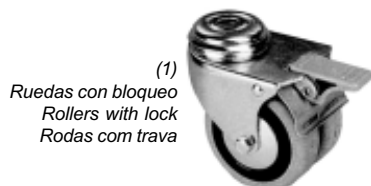
(3) consultar por montaje - ask for mounting - consultar pelo montagem



Ø	F (N)	Código
100 (1)	700	0.500.001.119
100 (2)	700	0.500.001.118
100 (3)	700	0.500.001.224

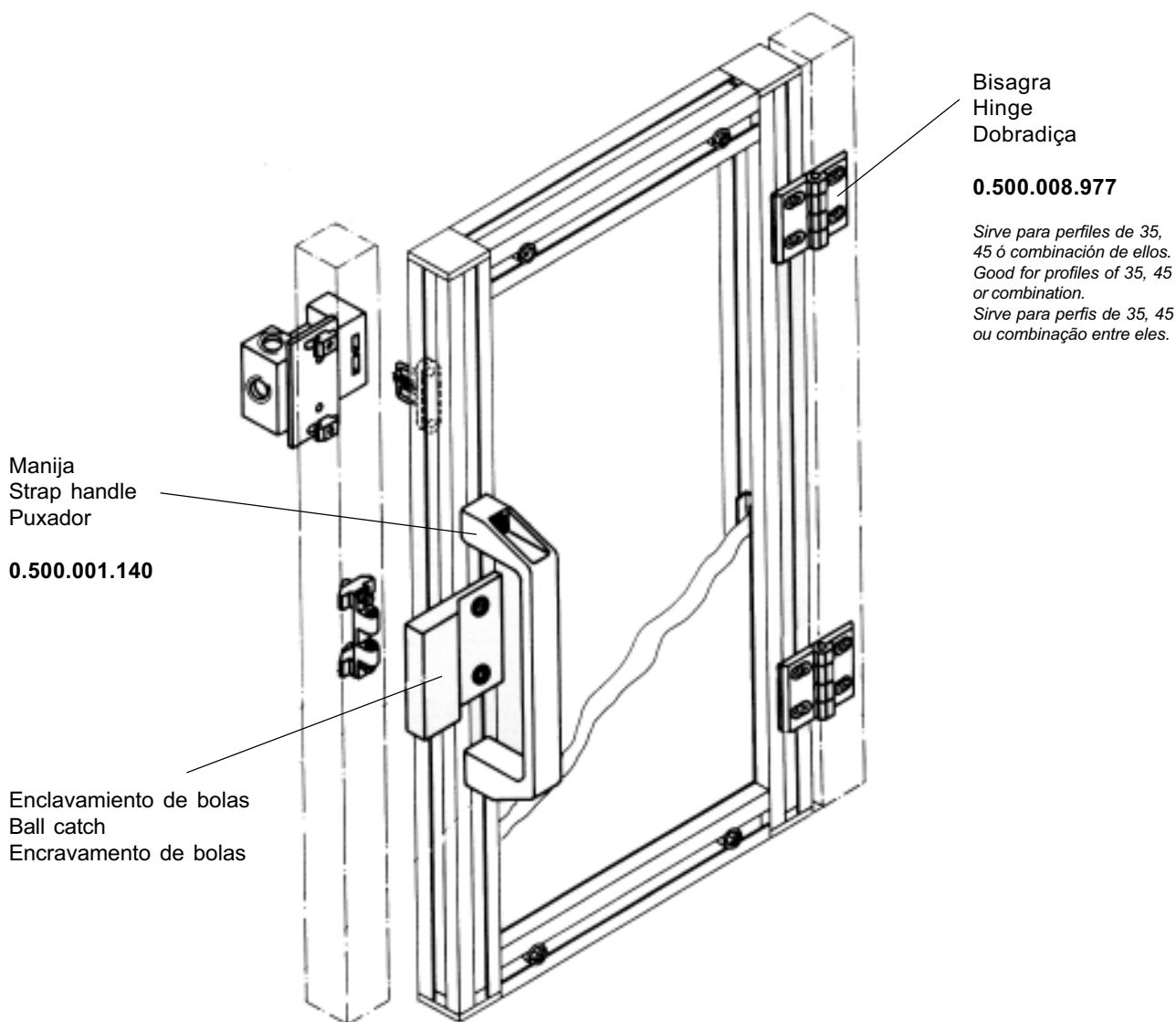
(1) y (2) montar con placas base de página 13.2.18
(1) and (2) mount with basic plates from page 13.2.18
(1) e (2) montar com placas base de página 13.2.18

(3) consultar por montaje - ask for mounting - consultar pelo montagem



Ø	F (N)	Código
50 (1)	600	0.500.001.222

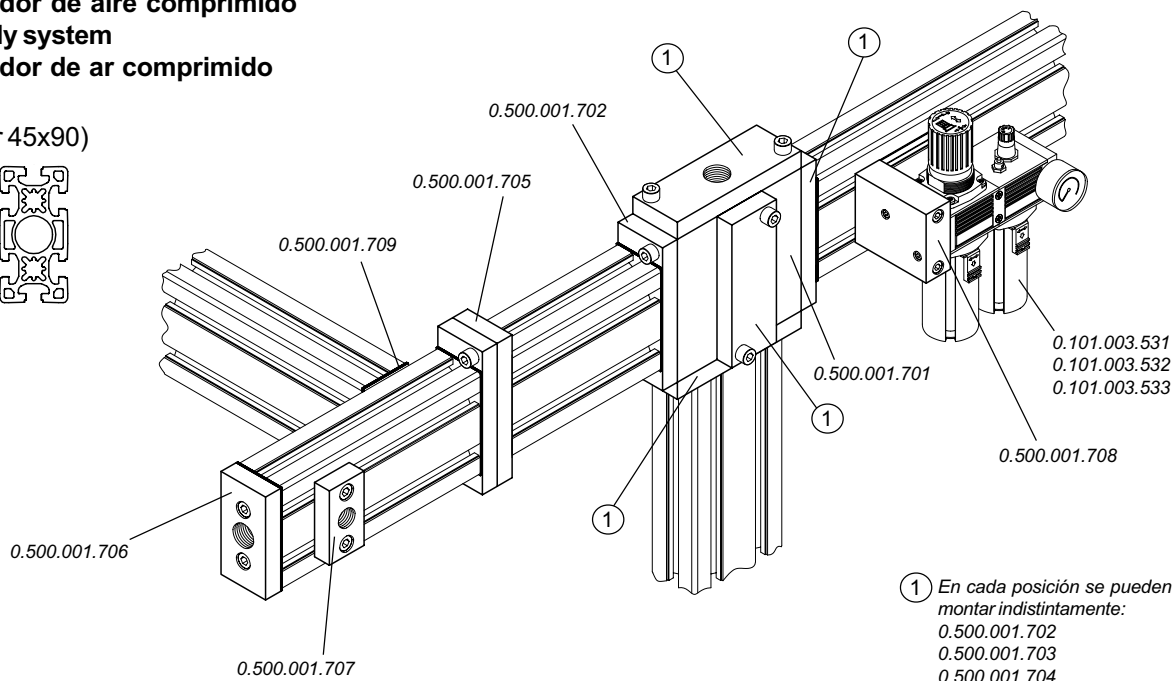
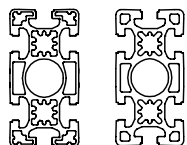
(1) montar con placas base de página 13.2.18
(1) mount with basic plates from page 13.2.18
(1) montar com placas base de página 13.2.18

**Sistema de puertas
Doors system
Sistema de portas**

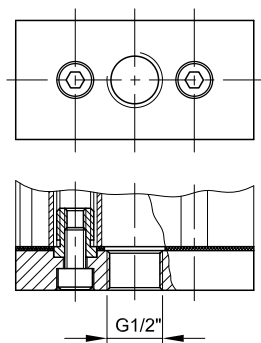
Consulte por cerramientos con amortiguadores de gas.
Ask for doors with gas springs.
Consulte por fechamentos com amortecedor a gás.

Distribuidor de aire comprimido Air supply system Distribuidor de ar comprimido

(para / for 45x90)

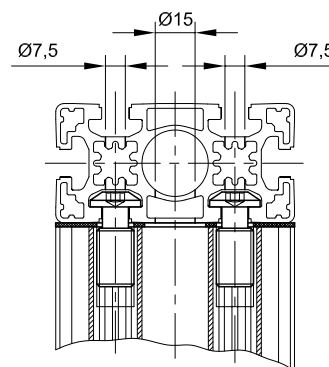


Conjunto extremo



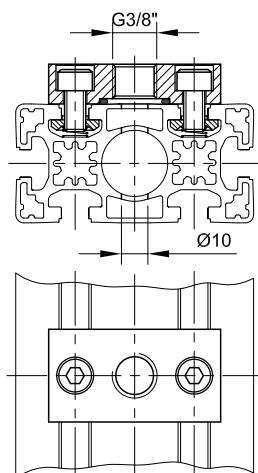
Código
0.500.001.706

Conjunto empalme a 90°



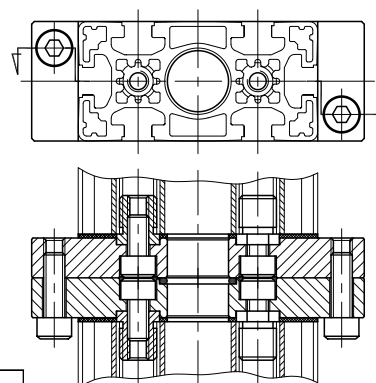
Código
0.500.001.709

Conjunto toma lateral de aire



Código
0.500.001.707

Conjunto empalme recto con bridas

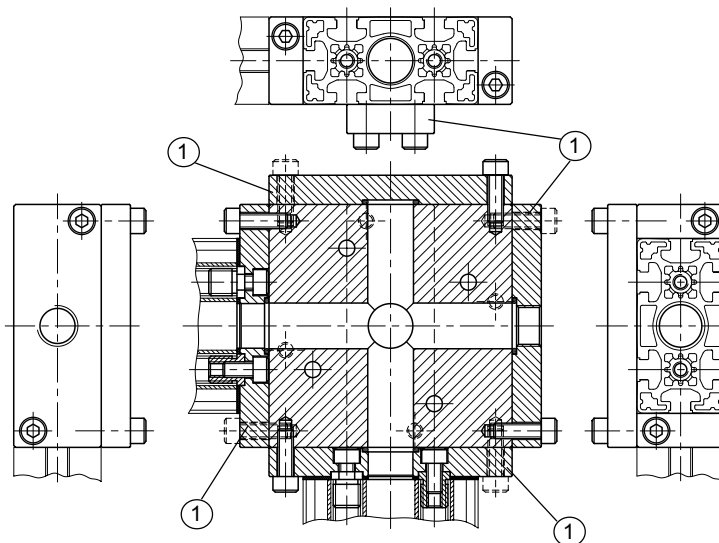


Código
0.500.001.705

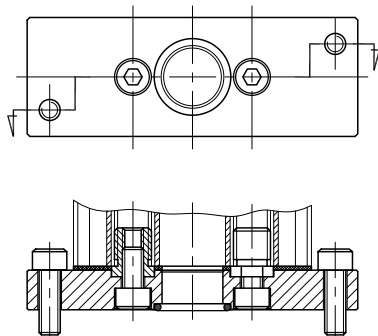
Conjunto bloque derivación

① En cada posición se pueden montar indistintamente:
0.500.001.702
0.500.001.703
0.500.001.704

Código
0.500.001.701

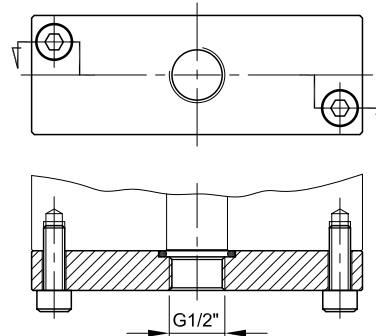


Conjunto brida de acople a bloque



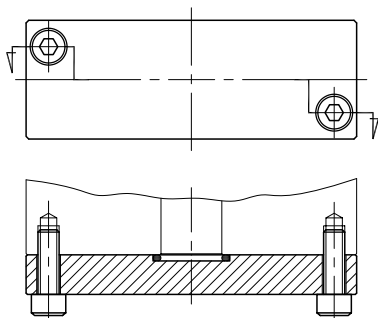
Código
0.500.001.702

Conjunto brida roscada a bloque



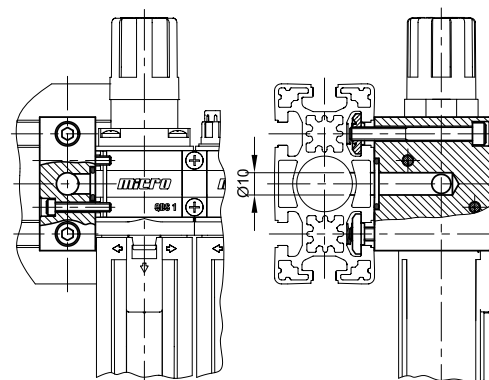
Código
0.500.001.704

Conjunto brida ciega a bloque



Código
0.500.001.703

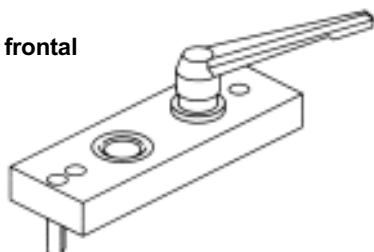
Conjunto soporte para FRL



Código
0.500.001.708

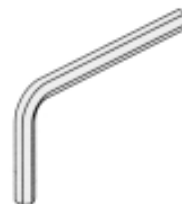
Kit de plantillas y herramientas especiales Drilling templates and special tools kit Kit de padrões para furar e ferramentas especiais

Plantilla frontal



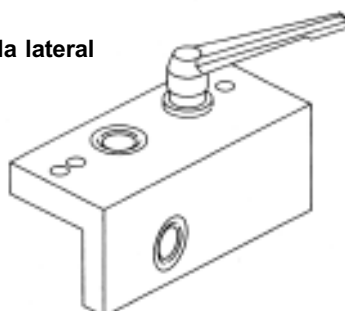
Perfil	Ø	Código
45, 60, 90	15,1	0.500.001.640
35x35	15,1	0.500.001.644

LLave allen entrecara 6 mm



SW	L	Código
6	180	0.500.001.202

Plantilla lateral



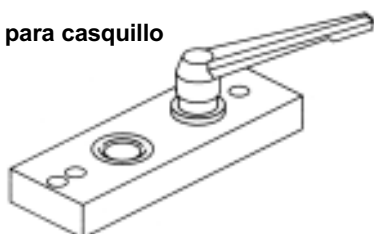
Perfil	Ø	Código
45, 90	15,1	0.500.001.641
35x35	15,1	0.500.001.645
60	15,1	0.500.001.646

Herramienta para casquillos



	Tipo	Código
M8	1.145	0.500.001.145
M10	1.149	0.500.001.149
M12	1.147	0.500.001.147

Plantilla para casquillo



	Ø	Código
	17	0.500.001.643
	7,5	0.500.001.647

Set de herramientas y plantillas para mecanizado

Código del set	
0.500.001.654	
Contenido	
Cant.	Código
1	0.500.001.644
3	0.500.001.640
1	0.500.001.645
1	0.500.001.641
1	0.500.001.646
1	0.500.001.643
1	0.500.001.647
1	0.500.001.652
1	0.500.001.653
2	0.500.001.206
1	0.500.001.208
1	0.500.001.205
1	0.500.001.207
4	0.500.001.202

Brocas, mechas y machos



	Ø	Código
Broca	13	0.500.001.209
Broca	15,1	0.500.001.206
Broca	17	0.500.001.207
Macho	M14	0.500.001.208
Mecha	7,5	0.500.001.205

