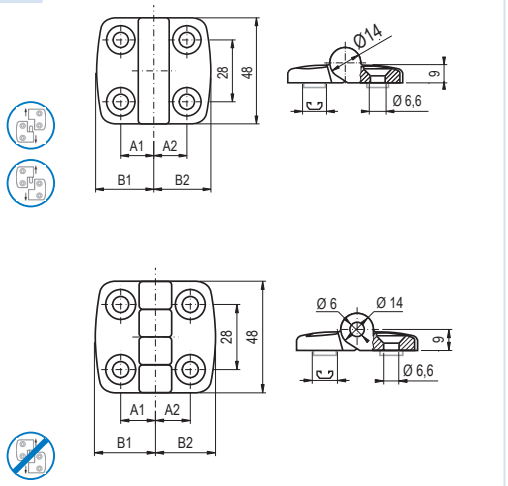


35

Bisagra 'Combi 35'
Combi hinge 35
Combi-charnière 35
Dobradiça 'Combi 35'

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

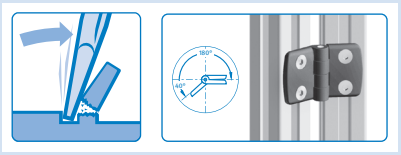
(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

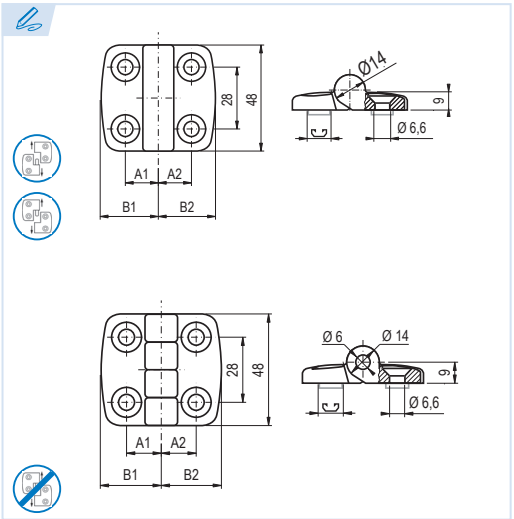
FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

· Otros colores, bisagras con pestañas para fijación en perfiles de alumunio y bisagras con conductividad electroestática bajo consulta.
· *Further colors, fixing pins for installation on aluminium profiles available on request.*
· Sur demande autres couleurs, charnières avec ailerons pour fixation et charnières avec conductivité électrostatique.
· *Outras cores, dobradiças com rebordos para fixação em perfis de alumínio e dobradiças com condutividade eletrostática, disponíveis sob consulta.*



Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos avellanados M6.
To hinge panels or aluminium profiles. Fastening is from the front, using M6 countersunk screws.
Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis tête fraisée M6.
Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos rebaixados M6.

						· Izquierda/Desmontable *Left/Detachable* À gauche dégondable *Esquerda/Desmontável*				· Derecha/Desmontable *Right/Detachable* À droite dégondable *Direita/Desmontável*				· No desmontable *Non-detachable* Non-dégondable *Não desmontável*			
M		A1	A2	B1	B2	Ref.	FA max.	FR max.	gr.	Ref.	FA max.	FR max.	gr.	Ref.	FA max.	FR max.	gr.
35/35	-	20,0	20,0	36,0	36,0	**FBICN-35-35I**	400	750	38	**FBICN-35-35D**	400	750	38	**FBICN-35-35F**	400	700	40
35/35	8	20,0	20,0	36,0	36,0	**FBICN-35-35I-8**	400	750	38	**FBICN-35-35D-8**	400	750	38	**FBICN-35-35F-8**	400	700	40
35/35	10	20,0	20,0	36,0	36,0	**FBICN-35-35I-10**	400	750	38	**FBICN-35-35D-10**	400	750	38	**FBICN-35-35F-10**	400	700	40
35/25	-	20,0	15,0	36,0	26,0	**FBICN-35-25I**	400	750	34	**FBICN-35-25D**	400	700	34	**FBICN-35-25F**	380	500	36
35/30	-	20,0	17,5	36,0	29,5	**FBICN-35-30I**	500	750	36	**FBICN-35-30D**	500	750	36	**FBICN-35-30F**	400	700	37
35/40	-	20,0	22,5	36,0	38,5	**FBICN-35-40I**	350	800	40	**FBICN-35-40D**	350	800	40	**FBICN-35-40F**	450	750	41
35/45	-	20,0	25,0	36,0	43,5	**FBICN-35-45I**	350	800	42	**FBICN-35-45D**	350	800	42	**FBICN-35-45F**	450	750	42
35/50	-	20,0	27,5	36,0	48,5	**FBICN-35-50I**	350	900	43	**FBICN-35-50D**	350	800	43	**FBICN-35-50F**	425	800	44
35/60	-	20,0	32,5	36,0	57,5	**FBICN-35-60I**	240	800	47	**FBICN-35-60D**	240	800	47	**FBICN-35-60F**	175	800	47



40

Bisagra 'Combi 40'
Combi hinge 40
Combi-charnière 40
Dobradiça 'Combi 40'

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

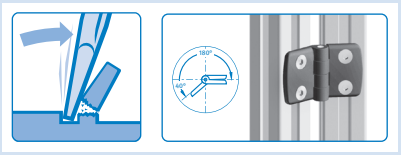
ES EN FR PT

Canal
Slot
Rainure
Ranhura

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

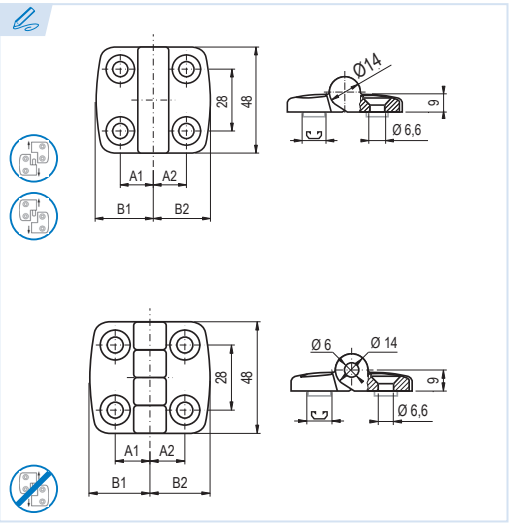
FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

· Otros colores, bisagras con pestañas para fijación en perfiles de alumunio y bisagras con conductividad electroestática bajo consulta.
· *Further colors, fixing pins for installation on aluminium profiles available on request.*
· Sur demande autres couleurs, charnières avec ailerons pour fixation et charnières avec conductivité électrostatique.
· *Outras cores, dobradiças com rebordos para fixação em perfis de alumínio e dobradiças com condutividade eletrostática, disponíveis sob consulta.*



Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos avellanados M6.
To hinge panels or aluminium profiles. Fastening is from the front, using M6 countersunk screws.
Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis tête fraisée M6.
Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos rebaixados M6.

						· Izquierda/Desmontable *Left/Detachable* À gauche dégondable *Esquerda/Desmontável*				· Derecha/Desmontable *Right/Detachable* À droite dégondable *Direita/Desmontável*				· No desmontable *Non-detachable* Non-dégondable *Não desmontável*			
M	⊂⊃	A1	A2	B1	B2	Ref.	FA max.	FR max.	gr.	Ref.	FA max.	FR max.	gr.	Ref.	FA max.	FR max.	gr.
40/40	-	22,5	22,5	38,5	38,5	**FBICN-40-40I**	400	800	42	**FBICN-40-40D**	350	800	42	**FBICN-40-40F**	450	750	43
40/40	8	22,5	22,5	38,5	38,5	**FBICN-40-40I-8**	400	800	42	**FBICN-40-40D-8**	350	800	42	**FBICN-40-40F-8**	450	750	43
40/40	10	22,5	22,5	38,5	38,5	**FBICN-40-40I-10**	400	800	42	**FBICN-40-40D-10**	350	800	42	**FBICN-40-40F-10**	450	750	43
40/25	-	22,5	15,0	38,5	26,0	**FBICN-25-40I**	425	650	37	**FBICN-25-40D**	425	650	37	**FBICN-25-40F**	380	500	38
40/30	-	22,5	17,5	38,5	29,5	**FBICN-30-40I**	500	750	38	**FBICN-30-40D**	500	750	38	**FBICN-30-40F**	400	700	39
40/35	-	22,5	20,0	38,5	36,0	**FBICN-35-40I**	400	750	40	**FBICN-35-40D**	400	750	40	**FBICN-35-40F**	400	700	41
40/45	-	22,5	25,0	38,5	43,5	**FBICN-40-45I**	350	800	43	**FBICN-40-45D**	350	800	43	**FBICN-40-45F**	450	750	44
40/50	-	22,5	27,5	38,5	48,5	**FBICN-40-50I**	350	800	45	**FBICN-40-50D**	350	800	45	**FBICN-40-50F**	425	800	46
40/60	-	22,5	32,5	38,5	57,5	**FBICN-40-60I**	240	800	49	**FBICN-40-60D**	240	800	49	**FBICN-40-60F**	175	850	49



45

Bisagra 'Combi 45'
Combi hinge 45
Combi-charnière 45
Dobradiça 'Combi 45'

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

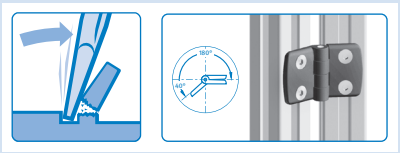
(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

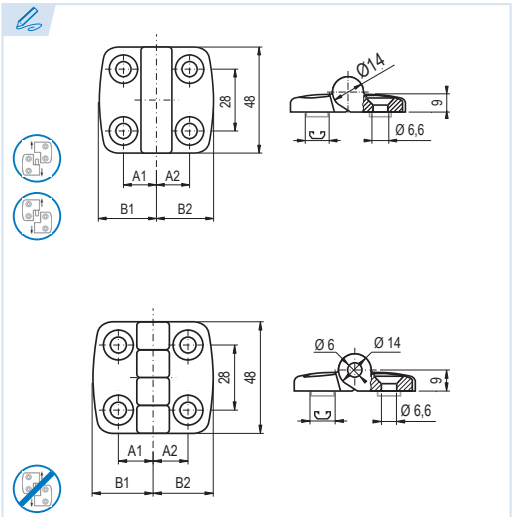
FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

· Otros colores, bisagras con pestañas para fijación en perfiles de alumunio y bisagras con conductividad electroestática bajo consulta.
· *Further colors, fixing pins for installation on aluminium profiles available on request.*
· Sur demande autres couleurs, charnières avec ailerons pour fixation et charnières avec conductivité électrostatique.
· *Outras cores, dobradiças com rebordos para fixação em perfis de alumínio e dobradiças com condutividade eletrostática, disponíveis sob consulta.*



Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos avellanados M6.
To hinge panels or aluminium profiles. Fastening is from the front, using M6 countersunk screws.
Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis tête fraisée M6.
Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos rebaixados M6.

M	⌴	A1	A2	B1	B2	· Izquierda/Desmontable *Left/Detachable* À gauche dégondable *Esquerda/Desmontável* Ref.	FA max.	FR max.	gr.	· Derecha/Desmontable *Right/Detachable* À droite dégondable *Direita/Desmontável* Ref.	FA max.	FR max.	gr.	· No desmontable *Non-detachable* Non-dégondable *Não desmontável* Ref.	FA max.	FR max.	gr.
45/45	-	25,0	25,0	43,5	43,5	**FBICN-45-45I**	325	800	45	**FBICN-45-45D**	325	800	45	**FBICN-45-45F**	450	750	46
45/45	8	25,0	25,0	43,5	43,5	**FBICN-45-45I-8**	325	800	45	**FBICN-45-45D-8**	325	800	45	**FBICN-45-45F-8**	450	750	46
45/45	10	25,0	25,0	43,5	43,5	**FBICN-45-45I-10**	325	800	45	**FBICN-45-45D-10**	325	800	45	**FBICN-45-45F-10**	450	750	46
45/25	-	25,0	15,0	43,5	26,0	**FBICN-25-45I**	425	650	38	**FBICN-25-45D**	425	650	38	**FBICN-25-45F**	380	500	39
45/30	-	25,0	17,5	43,5	29,5	**FBICN-30-45I**	500	750	40	**FBICN-30-45D**	500	750	40	**FBICN-30-45F**	400	700	41
45/35	-	25,0	20,0	43,5	36,0	**FBICN-35-45I**	400	700	42	**FBICN-35-45D**	325	800	42	**FBICN-35-45F**	450	750	42
45/40	-	25,0	22,5	43,5	38,5	**FBICN-40-45I**	350	800	43	**FBICN-40-45D**	350	800	43	**FBICN-40-45F**	450	750	44
45/50	-	25,0	27,5	43,5	48,5	**FBICN-45-50I**	320	800	46	**FBICN-45-50D**	320	800	45	**FBICN-45-50F**	425	800	48
45/60	-	25,0	32,5	43,5	57,5	**FBICN-45-60I**	240	800	50	**FBICN-45-60D**	240	800	50	**FBICN-45-60F**	200	850	51



50

Bisagra 'Combi 50'
Combi hinge 50
Combi-charnière 50
Dobradiça 'Combi 50'

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

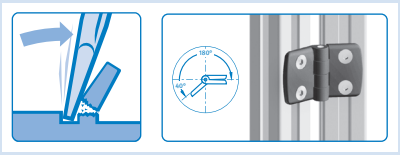
(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

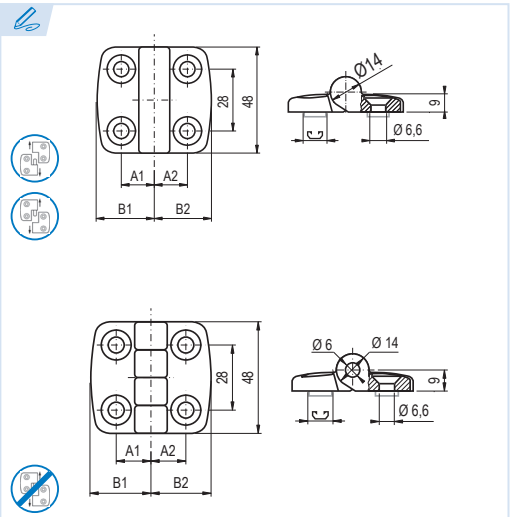
FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

· Otros colores, bisagras con pestañas para fijación en perfiles de alumunio y bisagras con conductividad electroestática bajo consulta.
· *Further colors, fixing pins for installation on aluminium profiles available on request.*
· Sur demande autres couleurs, charnières avec ailerons pour fixation et charnières avec conductivité électrostatique.
· *Outras cores, dobradiças com rebordos para fixação em perfis de alumínio e dobradiças com condutividade eletrostática, disponíveis sob consulta.*



Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos avellanados M6.
To hinge panels or aluminium profiles. Fastening is from the front, using M6 countersunk screws.
Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis tête fraisée M6.
Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos rebaixados M6.

M	⌴	A1	A2	B1	B2	· Izquierda/Desmontable *Left/Detachable* À gauche dégondable *Esquerda/Desmontável* Ref.	FA max.	FR max.	gr.	· Derecha/Desmontable *Right/Detachable* À droite dégondable *Direita/Desmontável* Ref.	FA max.	FR max.	gr.	· No desmontable *Non-detachable* Non-dégondable *Não desmontável* Ref.	FA max.	FR max.	gr.
50/50	-	27,5	27,5	48,5	48,5	**FBICN-50-50I**	320	800	48	**FBICN-50-50D**	320	800	48	**FBICN-50-50F**	425	800	49
50/50	8	27,5	27,5	48,5	48,5	**FBICN-50-50I-8**	320	800	48	**FBICN-50-50D-8**	320	800	48	**FBICN-50-50F-8**	425	800	49
50/50	10	27,5	27,5	48,5	48,5	**FBICN-50-50I-10**	320	800	48	**FBICN-50-50D-10**	320	800	48	**FBICN-50-50F-10**	425	800	49
50/25	-	27,5	15,0	48,5	26,0	**FBICN-25-50I**	425	650	40	**FBICN-25-50D**	425	650	40	**FBICN-25-50F**	380	500	41
50/30	-	27,5	17,5	48,5	29,5	**FBICN-30-50I**	500	750	41	**FBICN-30-50D**	500	750	41	**FBICN-30-50F**	400	700	43
50/35	-	27,5	20,0	48,5	36,0	**FBICN-35-50I**	400	700	43	**FBICN-35-50D**	400	700	43	**FBICN-35-50F**	400	700	44
50/40	-	27,5	22,5	48,5	38,5	**FBICN-40-50I**	350	800	45	**FBICN-40-50D**	350	800	45	**FBICN-40-50F**	450	750	46
50/45	-	27,5	25,0	48,5	43,5	**FBICN-45-50I**	325	800	46	**FBICN-45-50D**	325	800	46	**FBICN-45-50F**	450	750	48
50/60	-	27,5	32,5	48,5	57,5	**FBICN-50-60I**	240	800	52	**FBICN-50-60D**	240	800	52	**FBICN-50-60F**	200	850	52



60

Bisagra 'Combi 60'
Combi hinge 60
Combi-charnière 60
Dobradiça 'Combi 60'

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

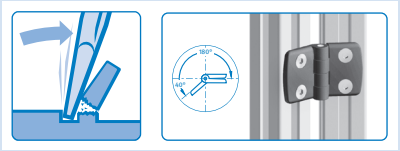
(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

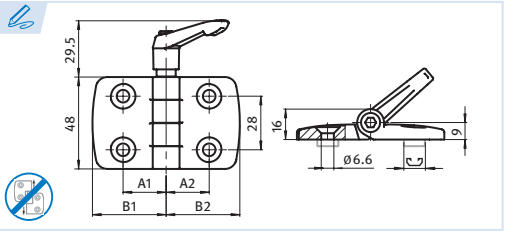
FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

· Otros colores, bisagras con pestañas para fijación en perfiles de alumunio y bisagras con conductividad electroestática bajo consulta.
· *Further colors, fixing pins for installation on aluminium profiles available on request.*
· Sur demande autres couleurs, charnières avec ailerons pour fixation et charnières avec conductivité électrostatique.
· *Outras cores, dobradiças com rebordos para fixação em perfis de alumínio e dobradiças com condutividade eletrostática, disponíveis sob consulta.*



Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos avellanados M6.
To hinge panels or aluminium profiles. Fastening is from the front, using M6 countersunk screws.
Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis tête fraisée M6.
Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos rebaixados M6.

						· Izquierda/Desmontable *Left/Detachable* À gauche dégondable *Esquerda/Desmontável*				· Derecha/Desmontable *Right/Detachable* À droite dégondable *Direita/Desmontável*				· No desmontable *Non-detachable* Non-dégondable *Não desmontável*			
M	(ES)	A1	A2	B1	B2	Ref.	FA max.	FR max.	gr.	Ref.	FA max.	FR max.	gr.	Ref.	FA max.	FR max.	gr.
60/60	-	32,5	32,5	57,5	57,5	**FBICN-60-60I**	240	900	55	**FBICN-60-60D**	240	900	55	**FBICN-60-60F**	175	850	55
60/60	8	32,5	32,5	57,5	57,5	**FBICN-60-60I-8**	240	900	55	**FBICN-60-60D-8**	240	900	55	**FBICN-60-60F-8**	175	850	55
60/60	10	32,5	32,5	57,5	57,5	**FBICN-60-60I-10**	240	900	55	**FBICN-60-60D-10**	240	900	55	**FBICN-60-60F-10**	175	850	55
60/25	-	32,5	15,0	57,5	26,0	**FBICN-25-60I**	425	650	43	**FBICN-25-60D**	425	650	43	**FBICN-25-60F**	380	500	44
60/30	-	32,5	17,5	57,5	29,5	**FBICN-30-60I**	500	750	45	**FBICN-30-60D**	500	750	45	**FBICN-30-60F**	400	700	46
60/35	-	32,5	20,0	57,5	36,0	**FBICN-35-60I**	400	700	47	**FBICN-35-60D**	400	700	47	**FBICN-35-60F**	400	700	47
60/40	-	32,5	22,5	57,5	38,5	**FBICN-40-60I**	350	800	49	**FBICN-40-60D**	350	800	49	**FBICN-40-60F**	450	750	49
60/45	-	32,5	25,0	57,5	43,5	**FBICN-45-60I**	325	800	50	**FBICN-45-60D**	325	800	50	**FBICN-45-60F**	450	750	51
60/50	-	32,5	27,5	57,5	48,5	**FBICN-50-60I**	320	900	52	**FBICN-50-60D**	320	900	52	**FBICN-50-60F**	425	800	52



ES EN FR PT

Canal
Slot
Rainure
Ranhura

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

· Otras medidas, colores y bisagras con conductividad electroestática bajo consulta.
· *Other sizes, further colors and electrostatically conductive on request.*
· Sur demande autres dimensions, couleurs et charnières avec conductivité électrostatique.
· *Outras medidas, cores e dobradiças com condutividade eletrostática, disponíveis sob consulta.*

Bisagra 'Combi' con empuñadura graduable
Combi hinge with locking lever
Combi-charnière avec poignée de serrage
Dobradiça 'Combi' com punho graduável

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Empuñadura: Nylon PA, reforzado con fibra de vidrio
Locking lever: Nylon PA, glass fibre reinforced
Poignée: Polyamide renforcé de fibre de verre
Punho: Nylon PA, reforçado com fibra de vidro

Mecanismo: Acero cincado (conforme a RoHS)
Mechanism: Steel, zinc platted (RoHS conform)
Mécanisme: Acier, zingué (RoHS conform)
Mecanismo: Aço zincado (conforme a RoHS)

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

Bisagras para paneles y perfiles de aluminio, se pueden bloquear en cualquier posición. La fijación se realiza por la parte frontal mediante tornillos avellanados M6.
To hinge panels or aluminium profiles, can be locked at any position. Fastening is from the front, using M6 countersunk screws.
Charnières pour panneaux et profilés d'aluminium, peuvent se bloquer dans différentes positions. L'assemblage se réalise de face avec des vis tête fraisée M6.
Dobradiças para painéis e perfis de aluminio, podem bloquear-se em qualquer posição. A fixação é realizada pela parte frontal mediante parafusos rebaixados M6.

25/25

Ref.	⌓	A1	A2	B1	B2	FA max.	FR max.	gr.
FBICEN-25-25F	-	15,0	15,0	26,0	26,0	380	500	43,0
FBICEN-25-25F-6	6	15,0	15,0	26,0	26,0	380	500	43,0
FBICEN-25-25F-8	8	15,0	15,0	26,0	26,0	380	500	43,0

30/30

Ref.	⌓	A1	A2	B1	B2	FA max.	FR max.	gr.
FBICEN-30-30F	-	17,5	17,5	29,5	29,5	400	700	47,0
FBICEN-30-30F-8	6	17,5	17,5	29,5	29,5	400	700	47,0
FBICEN-30-30F-10	8	17,5	17,5	29,5	29,5	400	700	47,0

35/35

Ref.	⌓	A1	A2	B1	B2	FA max.	FR max.	gr.
FBICEN-35-35F	-	20,0	20,0	36,0	36,0	400	700	51,0
FBICEN-35-35F-6	8	20,0	20,0	36,0	36,0	400	700	51,0
FBICEN-35-35F-8	10	20,0	20,0	36,0	36,0	400	700	51,0

40/40

Ref.	⌓	A1	A2	B1	B2	FA max.	FR max.	gr.
FBICEN-40-40F	-	22,5	22,5	38,5	38,5	450	750	55,0
FBICEN-40-40F-8	8	22,5	22,5	38,5	38,5	450	750	55,0
FBICEN-40-40F-10	10	22,5	22,5	38,5	38,5	450	750	55,0

45/45

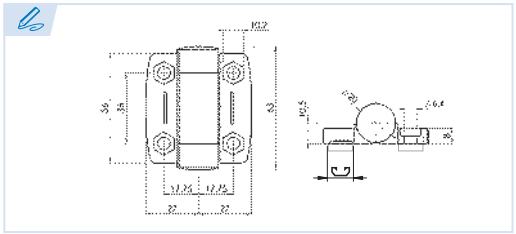
Ref.	⌓	A1	A2	B1	B2	FA max.	FR max.	gr.
FBICEN-45-45F	-	25,0	25,0	43,5	43,5	450	750	57,0
FBICEN-45-45F-6	8	25,0	25,0	43,5	43,5	450	750	57,0
FBICEN-45-45F-8	10	25,0	25,0	43,5	43,5	450	750	57,0

50/50

Ref.	⌓	A1	A2	B1	B2	FA max.	FR max.	gr.
FBICEN-50-50F	-	27,5	27,5	48,5	48,5	425	800	62,0
FBICEN-50-50F-8	8	27,5	27,5	48,5	48,5	425	800	62,0
FBICEN-50-50F-10	10	27,5	27,5	48,5	48,5	425	800	62,0

60/60

Ref.	⌓	A1	A2	B1	B2	FA max.	FR max.	gr.
FBICEN-60-60F	-	32,5	32,5	57,5	57,5	175	850	67,0
FBICEN-60-60F-8	8	32,5	32,5	57,5	57,5	175	850	67,0
FBICEN-60-60F-10	10	32,5	32,5	57,5	57,5	175	850	67,0



30

Bisagra 30 con tapas
System Hinge 30 with cover caps
Charnière 30 avec caches
Dobradiça 30 com tampas

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

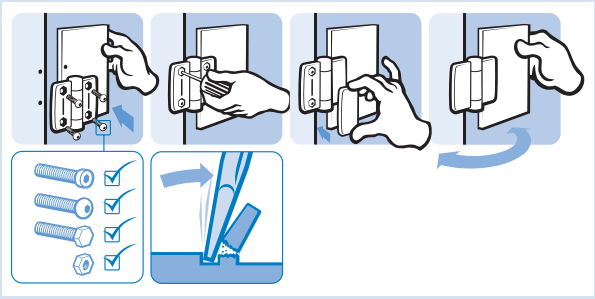
(ES) (EN) (FR) (PT)

Canal *Slot* Rainure *Ranhura*

FA max. **Fuerza Axial máxima (N)** *Maximum Axial Force (N)* Charge axiale maximale (N) *Força Axial máxima (N)*

FR max. **Fuerza Radial máxima (N)** *Maximum Radial Force (N)* Charge radiale maximale (N) *Força Radial máxima (N)*

Ref.	Canal	FA max.	FR max.	gr.
FBITN-30-30F	-	350	400	39
FBITN-30-30F-6	6	350	400	39
FBITN-30-30F-8	8	350	400	39

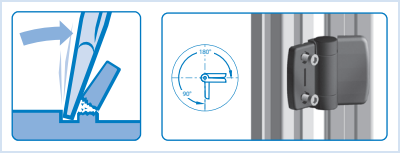


· Otras medidas, colores y bisagras con conductividad electroestática bajo consulta.

· *Other sizes, further colors and electrostatically conductive on request.*

· Sur demande autres dimensions, couleurs et charnières avec conductivité électrostatique.

· *Outras medidas, cores e dobradiças com condutividade eletrostática, disponíveis sob consulta.*

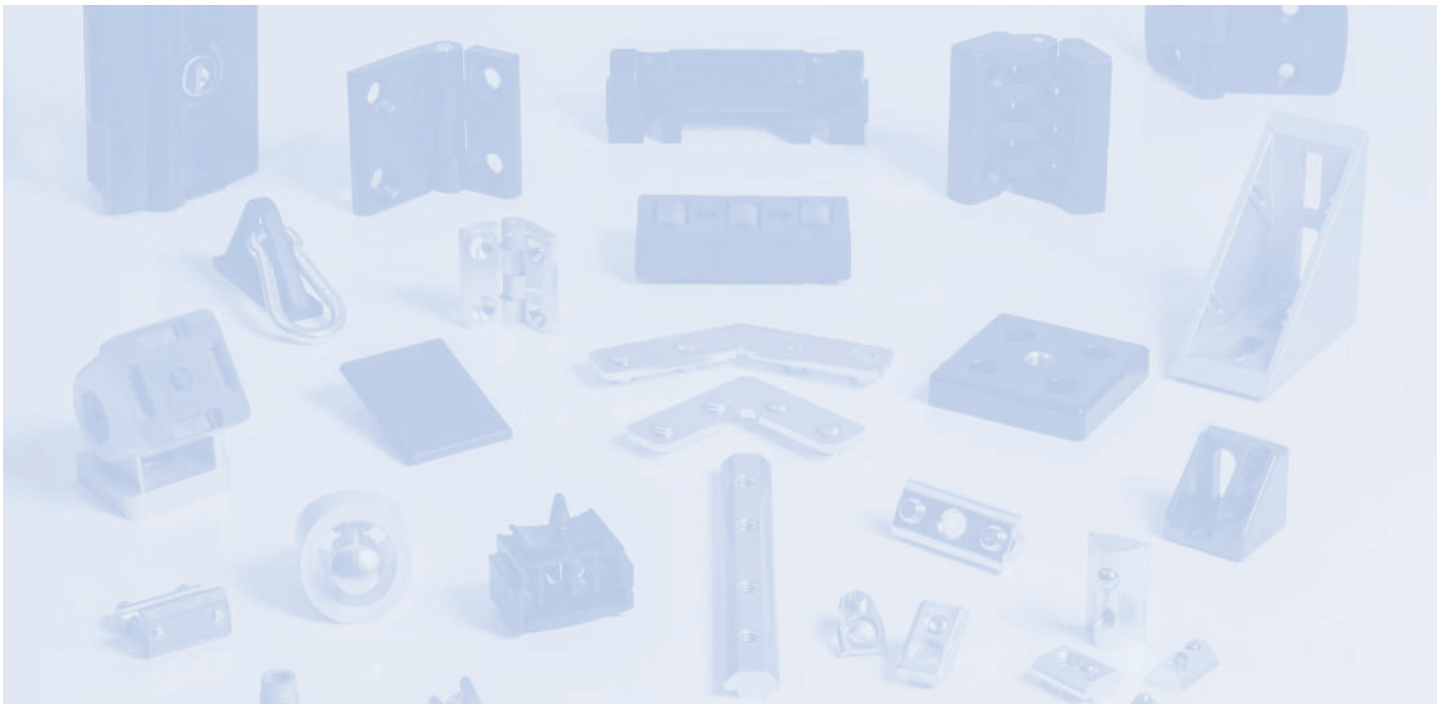


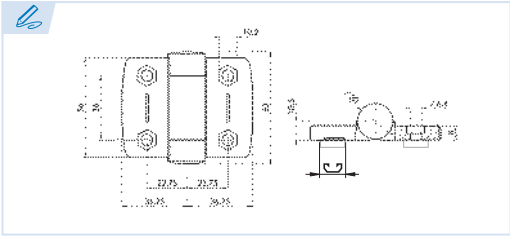
Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos M6 o por la parte posterior mediante tornillos y tuercas.

To hinge panels or aluminium profiles. Fastening is from the front, using M6 screws, from the back using hexagon nuts and bolts.

Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis M6 ou dans la partie inverse avec vis et écrous.

Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos M6 ou pela parte traseira com parafusos e porcas.





40

Bisagra 40 con tapas
System Hinge 40 with cover caps
Charnière 40 avec caches
Dobradiça 40 com tampas

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

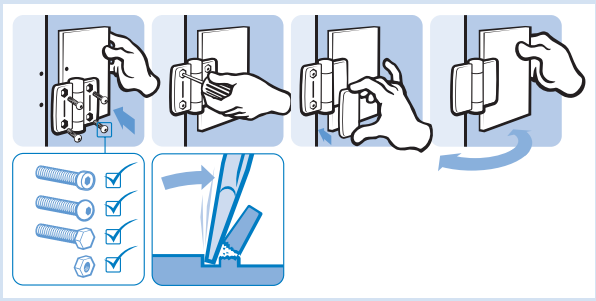
ES EN FR PT

Canal *Slot* Rainure *Ranhura*

FA max. **Fuerza Axial máxima (N)** *Maximum Axial Force (N)* Charge axiale maximale (N) *Força Axial máxima (N)*

FR max. **Fuerza Radial máxima (N)** *Maximum Radial Force (N)* Charge radiale maximale (N) *Força Radial máxima (N)*

Ref.	Canal	FA max.	FR max.	gr.
FBITN-40-40F	-	425	600	51
FBITN-40-40F-6	8	425	600	51
FBITN-40-40F-8	10	425	600	51

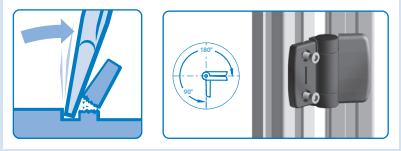


· Otras medidas, colores y bisagras con conductividad electroestática bajo consulta.

· *Other sizes, further colors and electrostatically conductive on request.*

· Sur demande autres dimensions, couleurs et charnières avec conductivité électrostatique.

· *Outras medidas, cores e dobradiças com condutividade eletrostática, disponíveis sob consulta.*

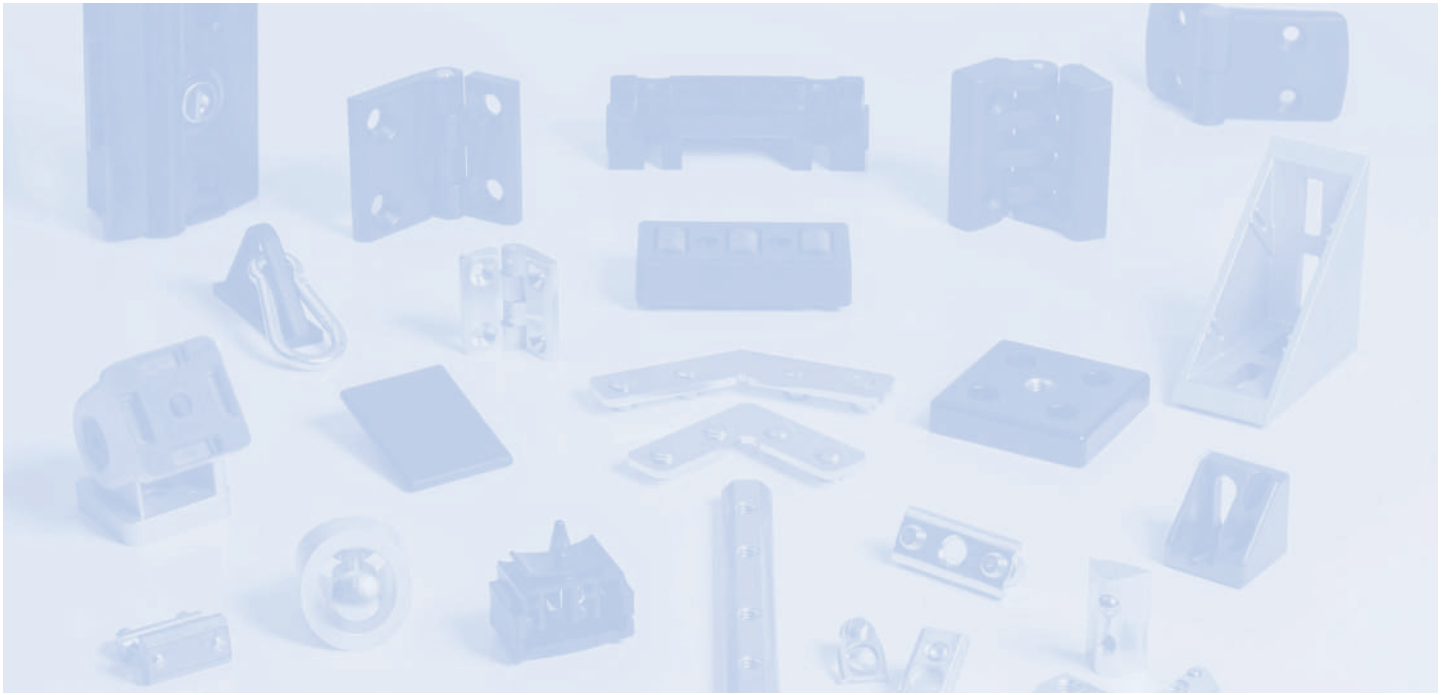


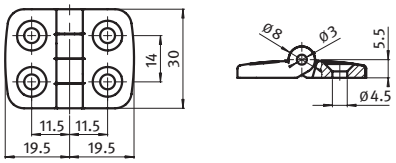
Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos M6 o por la parte posterior mediante tornillos y tuercas.

To hinge panels or aluminium profiles. Fastening is from the front, using M6 screws, from the back using hexagon nuts and bolts.

Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis M6 ou dans la partie inverse avec vis et écrous.

Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos M6 ou pela parte traseira com parafusos e porcas.



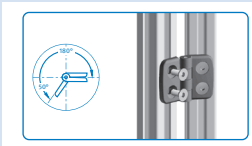


ES EN FR PT

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

Ref.	FA max.	FR max.	gr.
FBIN-20-F	200	400	7,5



Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos avellanados M4.
To hinge panels or aluminium profiles. Fastening is from the front, using M4 countersunk screws.
Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis tête fraisée M4.
Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos rebaixados M4.

20

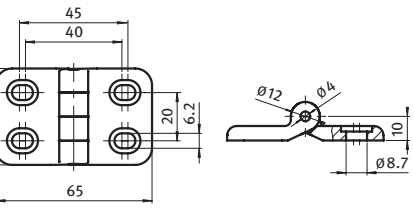
Bisagra 20
Hinge 20
Charnière 20
Dobradiça 20

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

· Otros colores, bisagras con pestañas para fijación en perfiles de alumunio y bisagras con conductividad electroestática bajo consulta.
· *Further colors, fixing pins for installation on aluminium profiles available on request.*
· Sur demande autres couleurs, charnières avec ailerons pour assemblage sur profilés aluminium et charnières avec conductivité électrostatique.
· *Outras cores, dobradiças com rebordos para fixação em perfis de alumínio e dobradiças com condutividade eletrostática, disponíveis sob consulta.*



ES EN FR PT

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

Ref.	FA max.	FR max.	gr.
FBIN-35-F	300	500	7,5

Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos DIN 912 o ISO 7380 en M4.
To hinge panels or aluminium profiles. Fastening is from the front, using DIN 912 or ISO 7380 M4 screws.
Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis DIN 912 ou ISO 7380 en M4.
Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos DIN 912 ou ISO 7380 em M4.

35

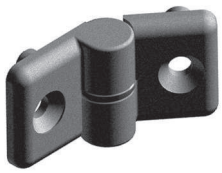
Bisagra 35
Hinge 35
Charnière 35
Dobradiça 35

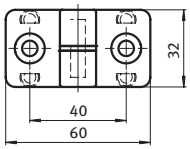
Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: *Polyamide armé de fibre de verre*
Material: Nylon PA, reforçado com fibra de vidro

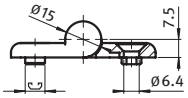
Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Color: Negro
Color: Black
Couleur: Noire
Cor: Preto

· Otras medidas, colores y bisagras con conductividad electroestática bajo consulta.
· *Other sizes, further colors and electrostatically conductive on request.*
· Sur demande autres dimensions, couleurs et charnières avec conductivité électrostatique.
· *Outras medidas, cores e dobradiças com condutividade eletrostática, disponíveis sob consulta.*







40

Bisagra 40, versión izquierda (I) y derecha (D)
Hinge 40, left (I) and rigth (D) version
Charnière 40, modèle gauche (I) et droite (D)
Dobradiça 40, versão esquerda (I) e direita (D)

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

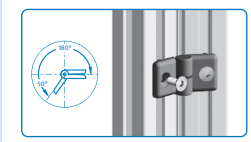
(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

Ref.	⌓	FA max.	FR max.	gr.
FBIN-40-I	8	100	200	21
FBIN-40-D	8	100	200	21



Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos avellanados M6.

To hinge panels or aluminium profiles. Fastening is from the front, using M6 countersunk screws.

Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis tête fraisée M6.

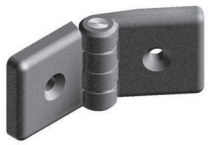
Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos rebaixados M6.

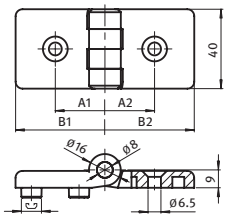
· Otras medidas, colores y bisagras con conductividad electroestática bajo consulta.

· *Other sizes, further colors and electrostatically conductive on request.*

· Sur demande autres dimensions, couleurs et charnières avec conductivité électrostatique.

· *Outras medidas, cores e dobradiças com condutividade eletrostática, disponíveis sob consulta.*





(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

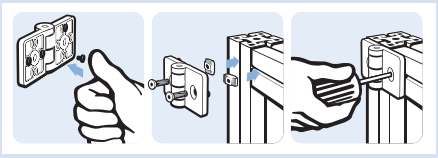
Bisagra para tareas pesadas
Heavy-duty plastic hinge
Charnière renforcée
Dobradiça para tarefas pesadas

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

Suministrados con/sin conjunto de fijación
Supplied with/without assembly set
Fournies avec/sans kit d'assemblage
Fornecidos com/sem conjunto de fixação



· Otras medidas, colores y bisagras con conductividad electroestática bajo consulta.
· *Other sizes, further colors and electrostatically conductive on request.*
· Sur demande autres dimensions, couleurs et charnières avec conductivité électrostatique.
· *Outras medidas, cores e dobradiças com condutividade eletrostática, disponíveis sob consulta.*

Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos avellanados M6.
To hinge panels or aluminium profiles. Fastening is from the front, using M6 countersunk screws.
Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis tête fraisée M6.
Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos rebaixados M6.

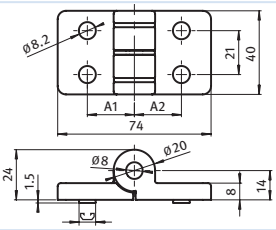
Ref.	M	⌓	A1	A2	B1	B2	FA max.	FR max.	gr.
FBIN2-30-30F	30/30	-	17,5	17,5	30,0	30,0	150	280	36
FBIN2-30-30F-8	30/30	8	17,5	17,5	30,0	30,0	150	280	37
FBIN2-30-40F	30/40	-	17,5	22,5	30,0	39,0	150	280	38
FBIN2-30-40F-8	30/40	8	17,5	22,5	30,0	39,0	150	280	39
FBIN2-30-40F-8-10	30/40	8/10	17,5	22,5	30,0	39,0	150	280	39
FBIN2-30-45F	30/45	-	17,5	25,0	30,0	45,0	150	280	39
FBIN2-30-45F-8-10	30/45	8/10	17,5	25,0	30,0	45,0	150	280	40
FBIN2-30-60F	30/60	-	17,5	32,5	30,0	60,0	130	280	43
FBIN2-30-60F-8-10	30/60	8/10	17,5	32,5	30,0	60,0	130	280	44
FBIN2-40-40F	40/40	-	22,5	22,5	39,0	39,0	150	280	40
FBIN2-40-40F-8	40/40	8	22,5	22,5	39,0	39,0	150	280	42
FBIN2-40-40F-8-10	40/40	8/10	22,5	22,5	39,0	39,0	150	280	43
FBIN2-40-40F-10	40/40	10	22,5	22,5	39,0	39,0	150	280	45
FBIN2-40-45F	40/45	-	22,5	25,0	39,0	45,0	150	280	41
FBIN2-40-45F-8-10	40/45	8/10	22,5	25,0	39,0	45,0	150	280	43
FBIN2-40-45F-10	40/45	10	22,5	25,0	39,0	45,0	150	280	45
FBIN2-40-60F	40/60	-	22,5	32,5	39,0	60,0	130	280	45
FBIN2-40-60F-8-10	40/60	8/10	22,5	32,5	39,0	60,0	130	280	48
FBIN2-40-60F-10	40/60	10	22,5	32,5	39,0	60,0	130	280	49
FBIN-45-F	45/45	-	25,0	25,0	45,0	45,0	150	280	44
FBIN-45-F-10	45/45	10	25,0	25,0	45,0	45,0	150	280	46
FBIN2-45-60F	45/60	-	25,0	32,5	45,0	60,0	130	280	47
FBIN2-45-60F-10	45/60	10	25,0	32,5	45,0	60,0	130	280	50

Ref.	M	⌴	A1	A2	B1	B2	FA max.	FR max.	gr.
FBIN2-60-60F	60/60	-	32,5	32,5	60,0	60,0	130	280	51
FBIN2-60-60F-10	60/60	10	32,5	32,5	60,0	60,0	130	280	53
FBIN2-30-30F-8-C1	30/30*	8	17,5	17,5	30,0	30,0	150	280	42
FBIN2-30-40F-8-10-C2	30/40**	8/10	17,5	22,5	30,0	39,0	150	280	44
FBIN2-30-45F-8-10-C2	30/45**	8/10	17,5	25,0	30,0	45,0	150	280	45
FBIN2-30-60F-8-10-C2	30/60**	8/10	17,5	32,5	30,0	60,0	130	280	49
FBIN2-40-40F-10-C3	40/40***	10	22,5	22,5	39,0	39,0	150	280	50
FBIN2-45-45F-10-C3	45/45***	10	25,0	25,0	45,0	45,0	150	280	51
FBIN2-45-60F-10-C3	45/60***	10	25,0	32,5	45,0	60,0	130	280	55
FBIN2-60-60F-10-C3	60/60***	10	32,5	32,5	60,0	60,0	130	280	58

* Suministrado con conjunto de fijación Nº1: 2 tornillos DIN 7991 M6x16 y 2 tuercas martillo M6 (canal 8).
** Supplied with assembly set No.1: 2 screws DIN 7991 M6x16 & 2 hammer nuts M6 (slot 8).*
* Fournies avec kit d'assemblage Nº1: 2 vis DIN 7991 M6X16 et 2 écrous marteau M6 (rainure 8).
** Fornecidos com conjunto de fixação nº 1: 2 parafusos DIN 7991 M6x16 e 2 porcas martelo M6 (canal 8).*

** Suministrado con conjunto de fijación Nº2: 1 tornillo DIN 7991 M6x16, 1 tornillo DIN 7991 M6x18, 1 tuerca martillo M6 (canal 8) y 1 tuerca martillo M6 (canal 10).
*** Supplied with assembly set No.2: 1 screw DIN 7991 M6x16, 1 screw DIN 7991 M6x18, 1 hammer nut M6 (slot 8) & 1 hammer nut M6 (slot 10).*
** Fournies avec kit d'assemblage Nº2: 1 vis DIN 7991 M6X16, 1 vis DIN 7991 M6X18, 1 écrou marteau M6 (rainure 8) et 1 écrou marteau M6 (rainure 10).
*** Fornecido com conjunto de fixação Nº2: 1 parafuso DIN 7991 M6x16, 1 parafuso DIN 7991 M6x18, 1 porca martelo M6 (canal 8) e 1 porca martelo M6 (canal 10).*

*** Suministrado con conjunto de fijación Nº3: 2 tornillos DIN 7991 M6x18 y 2 tuercas martillo M6 (canal 10).
**** Supplied with assembly set No.3: 2 screws DIN 7991 M6x18 & 2 hammer nuts M6 (slot 10).*
*** Fournies avec kit d'assemblage Nº3 : 2 vis DIN 7991 M6X18 et 2 écrous marteau M6 (rainure 10).
**** Fornecido com conjunto de fixação Nº3: 2 parafusos DIN 7991 M6x18 e 2 porcas martelo M6 (canal 10).*



Bisagra 'Combi'
Combi hinge
Combi-charnière
Dobradiça 'Combi'

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Acabado: Expoxi negro
Surface: Black powder coated
Finition: Peinture époxy noire
Acabamento: Epóxi preto

(ES) (EN) (FR) (PT)

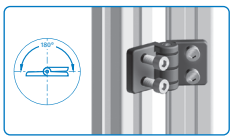
Canal
Slot
Rainure
Ranhura

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

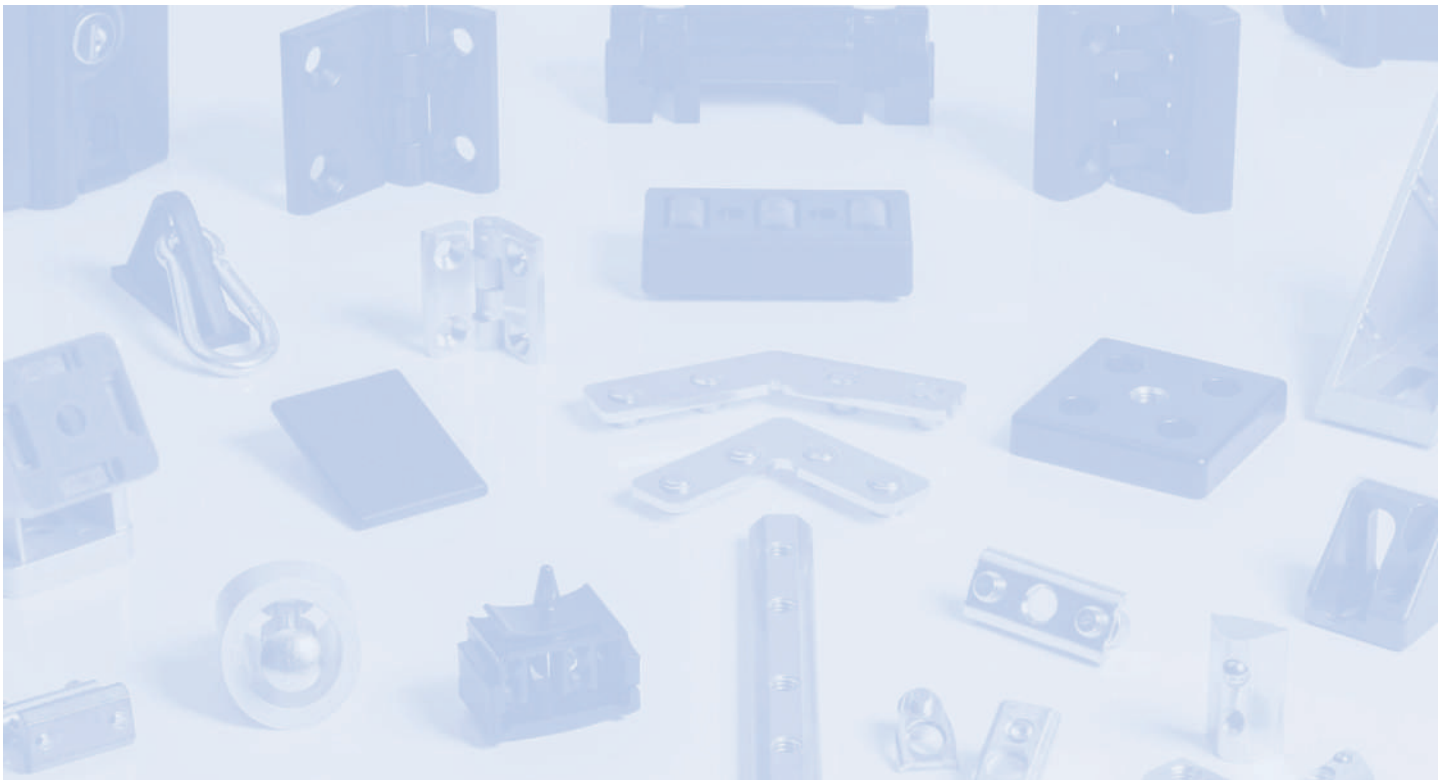
FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

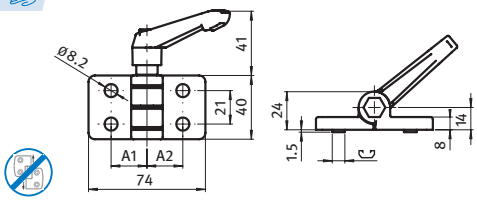
Ref.	M	⌴	A1	A2	FA max.	FR max.	gr.
FBICZ-40-40F	**40/40**	-	22,5	22,5	650	1.500	189
FBICZ-40-40F-8	**40/40**	8	22,5	22,5	650	1.500	189
FBICZ-40-40F-10	**40/40**	10	22,5	22,5	650	1.500	189
FBICZ-40-45F	**40/45**	-	22,5	25,0	650	1.500	189
FBICZ-40-45F-8	**40/45**	8	22,5	25,0	650	1.500	189
FBICZ-40-45F-10	**40/45**	10	22,5	25,0	650	1.500	189
FBICZ-45-45F	**45/45**	-	25,0	25,0	650	1.500	189
FBICZ-45-45F-8	**45/45**	8	25,0	25,0	650	1.500	189
FBICZ-45-45F-10	**45/45**	10	25,0	25,0	650	1.500	189

· Otros acabados y colores bajo consulta.
· *Other surfaces and further colors on request.*
· Sur demande autres finitions et couleurs.
· *Outros acabamentos e cores disponíveis sob consulta.*



Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos avellanados M8.
To hinge panels or aluminium profiles. Fastening is from the front, using M8 countersunk screws.
Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis tête fraisée M8.
Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos rebaixados M8.





40 45

Bisagra combi con empuñadura graduable
Combi hinge with locking lever
Combi-charnière avec poignée de serrage
Dobradiça combi com punho graduável

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Empuñadura: Nylon PA, reforzado con fibra de vidrio
Locking lever: Nylon PA, glass fibre reinforced
Poignée indexable: *Polyamide renforcé de fibre de verre*
Punho: Nylon PA, reforçado com fibra de vidro

Mecanismo: Acero cincado (conforme a RoHS)
Mechanism: Steel, zinc platted (RoHS conform)
Mécanisme: Acier zingué (RoHS conform)
Mecanismo: Aço zincado (conforme a RoHS)

Acabado (bisagra): Expoxi negro
Surface (hinge): Black powder coated
Finition (charnière): Peinture époxy noire
Acabamento (dobradiça): Epóxi preto

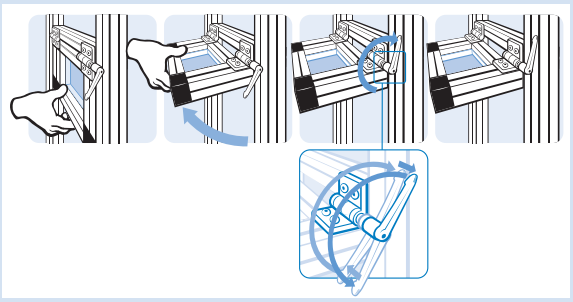
(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

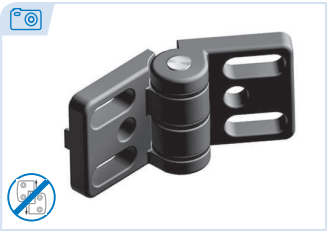
FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

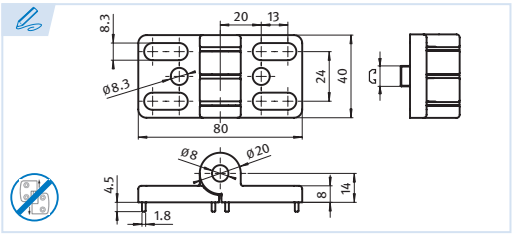
Ref.	M	Canal	A1	A2	FA max.	FR max.	gr.
FBICEZ-40-40F	40/40	-	22,5	22,5	650	1.500	211
FBICEZ-40-40F-8	40/40	8	22,5	22,5	650	1.500	211
FBICEZ-40-40F-10	40/40	10	22,5	22,5	650	1.500	211
FBICEZ-40-45F	40/45	-	22,5	25,0	650	1.500	211
FBICEZ-40-45F-8	40/45	8	22,5	25,0	650	1.500	211
FBICEZ-40-45F-10	40/45	10	22,5	25,0	650	1.500	211
FBICEZ-45-45F	45/45	-	25,0	25,0	650	1.500	211
FBICEZ-45-45F-8	45/45	8	25,0	25,0	650	1.500	211
FBICEZ-45-45F-10	45/45	10	25,0	25,0	605	1.500	211



· Otros acabados y colores bajo consulta.
· *Other surfaces and further colors on request.*
· Sur demande autres finitions et couleurs.
· *Outros acabamentos e cores disponíveis sob consulta.*

Bisagras para paneles y perfiles de aluminio, se pueden bloquear en cualquier posición. La fijación se realiza por la parte frontal mediante tornillos avellanados M8.
To hinge panels or aluminium profiles, can be locked at any position. Fastening is from the front, using M8 countersunk screws.
Charnières pour panneaux et profilés d'aluminium, peuvent se bloquer dans différentes positions. L'assemblage se réalise de face avec des vis tête fraisée M8.
Dobradiças para painéis e perfis de alumínio, podem bloquear-se em qualquer posição. A fixação é realizada pela parte frontal mediante parafusos rebaixados M8.





40

Bisagra 40 con agujeros elípticos
Hinge 40 with oblong holes
Charnière 40 avec trous oblongs
Dobradiça 40 com furos ovais

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Acabado: Expoxi negro
Surface: Black powder coated
Finition: Peinture époxy noire
Acabamento: Epóxi preto

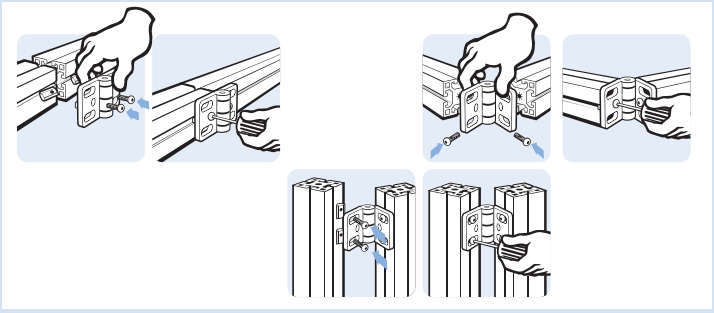
ES EN FR PT

Canal
Slot
Rainure
Ranhura

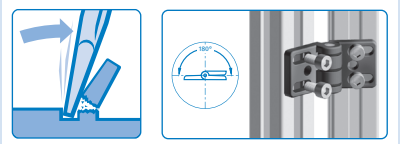
FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

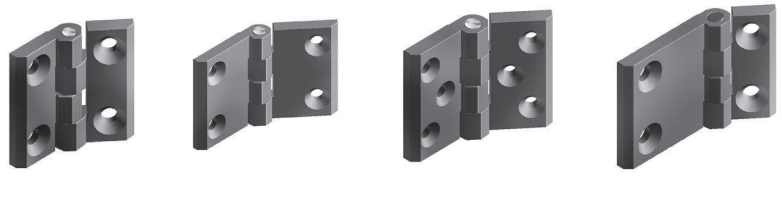
Ref.	⌓	FA max.	FR max.	gr.
FBIZ-40-80	-	500	1.200	175
FBIZ-40-80-8	8	500	1.200	175
FBIZ-40-80-10	10	500	1.200	175



· Otros acabados y colores bajo consulta.
· *Other surfaces and further colors on request.*
· Sur demande autres finitions et couleurs.
· *Outros acabamentos e cores disponíveis sob consulta.*



Bisagras para paneles y perfiles de aluminio. La fijación se realiza por la parte frontal mediante tornillos M8.
To hinge panels or aluminium profiles. Fastening is from the front, using M8 screws.
Charnières pour panneaux et profilés d'aluminium. L'assemblage se réalise de face avec des vis tête fraisée M8.
Dobradiças para painéis e perfis de alumínio. A fixação é realizada pela parte frontal mediante parafusos M8.



(ES) (EN) (FR) (PT)

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

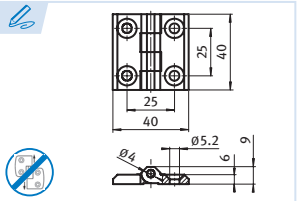
FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

Bisagra metálica
Metal hinge
Charnière métallique
Dobradiça metálica

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

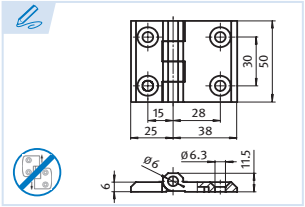
Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Acabado: Expoxi negro
Surface: Black powder coated
Finition: Peinture époxy noire
Acabamento: Epóxi preto



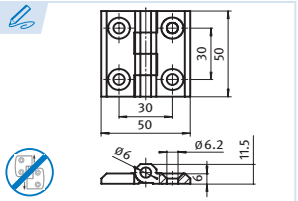
40x40

Ref.	FA max.	FR max.	gr.
FBIZ-40-40	800	1.500	45



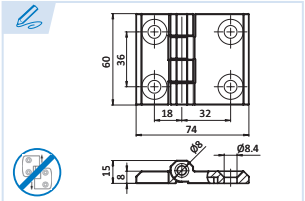
50x63

Ref.	FA max.	FR max.	gr.
FBIZ-50-63	1.400	2.200	106



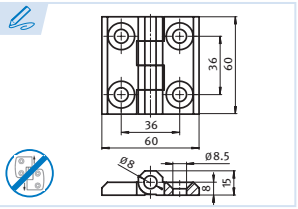
50x50

Ref.	FA max.	FR max.	gr.
FBIZ-50-50	1.000	1.800	90



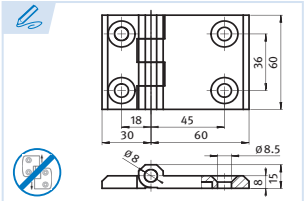
60x74

Ref.	FA max.	FR max.	gr.
FBIZ-60-74	1.200	2.200	196



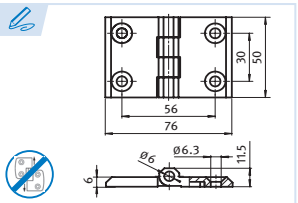
60x60

Ref.	FA max.	FR max.	gr.
FBIZ-60-60	1.400	2.200	168



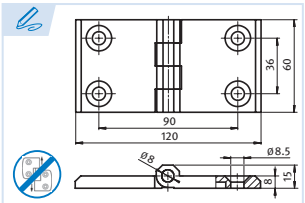
60x90

Ref.	FA max.	FR max.	gr.
FBIZ-60-90	800	2.200	218



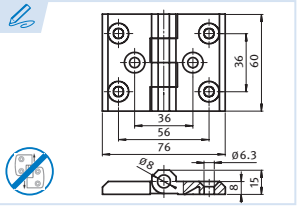
50x76

Ref.	FA max.	FR max.	gr.
FBIZ-50-76	600	1.800	145



60x120

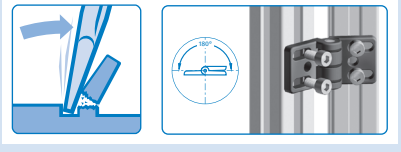
Ref.	FA max.	FR max.	gr.
FBIZ-60-120	700	2.200	281



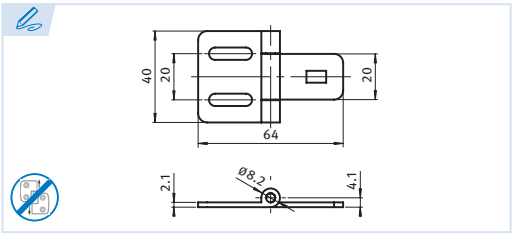
60x76

Ref.	FA max.	FR max.	gr.
FBIZ-60-76	1.200	2.200	197

· Otros acabados y colores bajo consulta.
· *Other surfaces and further colors on request.*
· Sur demande autres finitions et couleurs.
· *Outros acabamentos e cores disponíveis sob consulta.*



Bisagra fuerte para aplicaciones a izquierda y derecha. La fijación se realiza por la parte frontal mediante tornillos avellanados.
Sturdy hinge for rigth and left application. Fastening is from the front, using countersunk screws.
Charnière renforcée pour applications gauche et droite. L'assemblage se réalise de face avec des vis tête fraisée.
Dobradiça forte para aplicações à esquerda e direita. A fixação é realizada pela parte frontal mediante parafusos rebaixados.



40x64

Bisagra metálica ligera
Light metal hinge
Charnière métallique légère
Dobradiça metálica ligeira

Material: Acero
Material: Steel
Matériau: Acier
Material: Aço

Acabado: Expoxi negro
Surface: Black powder coated
Finition: Peinture époxy noire
Acabamento: Epóxi preto

Suministrados con conjunto de fijación
Supplied with assembly set
Fournies avec kit d'assemblage
Fornecidos com conjunto de fixação

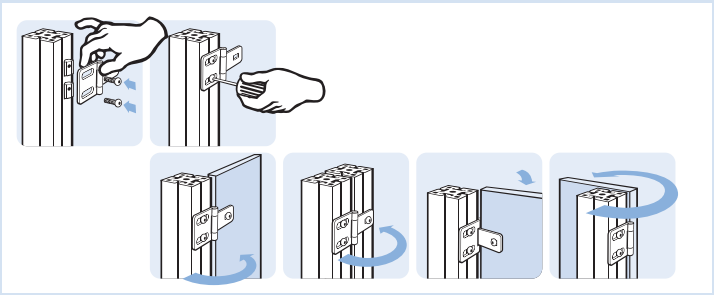
(ES) (EN) (FR) (PT)

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

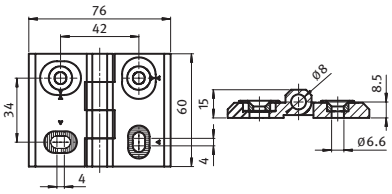
Ref.	FA max.	FR max.	gr.
FBIA-40-64	250	75	39

Conjunto de fijación: 3 tornillos ISO 7380 M5x8, 1 tornillo DIN 903 M5x16, 1 tuerca DIN 934 M5 y 1 arandela DIN 125 Ø5,3 pavonada.
Assembly set: 3 screws ISO 7380 M5x8, 1 screw DIN 903 M5x16, 1 nut DIN 934 M5 & 1 washer DIN 125 Ø5,3 black zinc plated.
Kit d'assemblage : 3 vis ISO 7380 M5X8, 1 vis DIN 903 M5X16, 1 écrou DIN 934 M5 et 1 rondelle DIN 125 Ø5,3 bruni..
Conjunto de fixação: 3 parafusos ISO 7380 M5x8, 1 parafuso DIN 903 M5x16, 1 porca DIN 934 M5 e 1 anilha DIN 125 Ø5,3 de oxidação negra.



· Otros acabados y colores bajo consulta.
· *Other surfaces and further colors on request.*
· Sur demande autres finitions et couleurs.
· *Outros acabamentos e cores disponíveis sob consulta.*

Bisagras para paneles y perfiles de aluminio.
To hinge panels or aluminium profiles.
Charnières pour panneaux et profilés d'aluminium.
Dobradiças para painéis e perfis de alumínio.



2D

Bisagra 2D
2D-Hinge
Charnière 2D
Dobradiça 2D

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

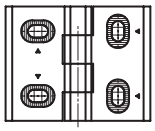
Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Acabado: Expoxi negro
Surface: Black powder coated
Finition: Peinture époxy noire
Acabamento: Epóxi preto

(ES) (EN) (FR) (PT)

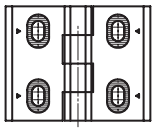
FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)



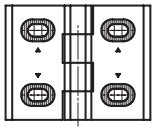
Ajustable en dos direcciones
Adjustable in two directions
Réglable dans les deux positions
Ajustável em duas direções

Ref.	FA max.	FR max.	gr.
FBI2DZ-76-60-M	1.200	2.200	190



Ajustable verticalmente
Adjustable vertically
Réglable verticalement
Ajustável verticalmente

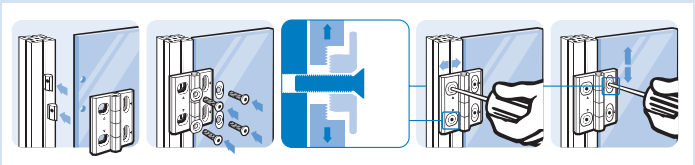
Ref.	FA max.	FR max.	gr.
FBI2DZ-76-60-V	1.200	2.200	190

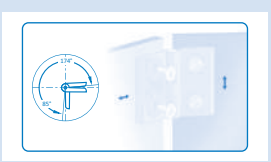


Ajustable horizontalmente
Adjustable horizontally
Réglable horizontalement
Ajustável horizontalmente

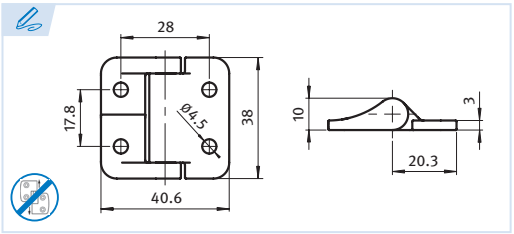
Ref.	FA max.	FR max.	gr.
FBI2DZ-76-60-H	1.200	2.200	190

· Otros acabados y colores bajo consulta.
· *Other surfaces and further colors on request.*
· Sur demande autres finitions et couleurs.
· *Outros acabamentos e cores disponíveis sob consulta.*





Bisagra fuerte para aplicaciones a izquierda y derecha. La fijación se realiza por la parte frontal mediante tornillos avellanados M6.
Sturdy hinge for rigth and left application. Fastening is from the front, using M6 countersunk screws.
Charnière renforcée pour applications à gauche et à droite. L'assemblage se réalise de face avec des vis tête fraisée M6.
Dobradiça forte para aplicações à esquerda e direita. A fixação é realizada pela parte frontal mediante parafusos rebaixados M6.



(ES) (EN) (FR) (PT)

Nm Par de fricción / *Friction torque* / Couple de frottement / *Binário de fricção*

FA max. Fuerza Axial máxima (N) / *Maximum Axial Force (N)* / Charge axiale maximale (N) / *Força Axial máxima (N)*

FR max. Fuerza Radial máxima (N) / *Maximum Radial Force (N)* / Charge radiale maximale (N) / *Força Radial máxima (N)*

Ref.	Nm	FA max.	FR max.	gr.
FBIPFZ-40-38-9	0,9*	800	1.500	40
FBIPFZ-40-38-18	1,8*	800	1.500	40

* Aproximadamente ±20% del valor nominal hasta 20.000 ciclos.
** Approx. ±20% of the nominal value up to 20,000 cycles.*
* A peu près ±20% de la valeur initiale jusqu'à 20.000 cycles.
** Aproximadamente ±20% do valor nominal até 20.000 ciclos.*

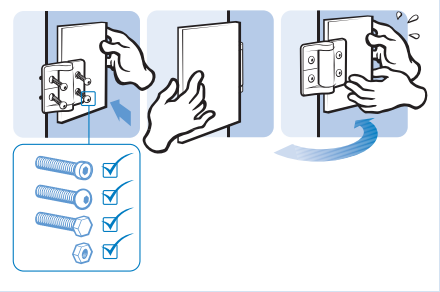
40x38

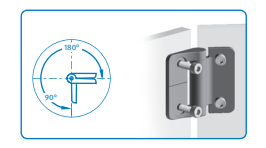
Bisagra 40 x 38 con fricción constante
Hinge 40x38 with constant friction
Charnière 40x38 à friction constante
Dobradiça 40 x 38 com fricção constante

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Pasador: Acero, grasa lubricante y junta tórica
Pin: Steel, lubricating grease, O-ring
Axe: Acier, graisse lubrifiante et joint torique
Passador: Aço, graxa lubrificante e junta tórica

Acabado: Esmalte uretano negro
Surface: Black, urethane enamel
Finition: Noire émail uréthane
Acabamento: Esmalte uretano preto



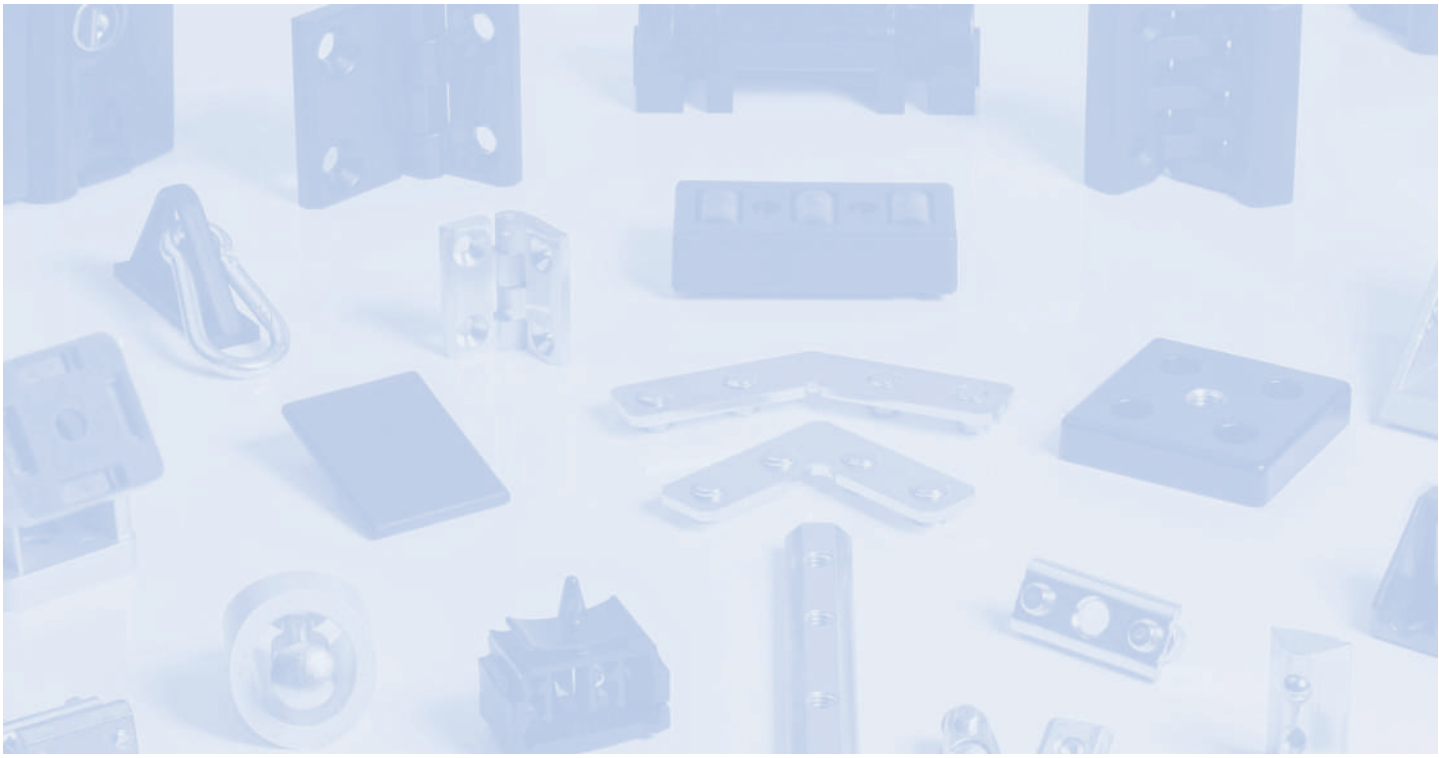


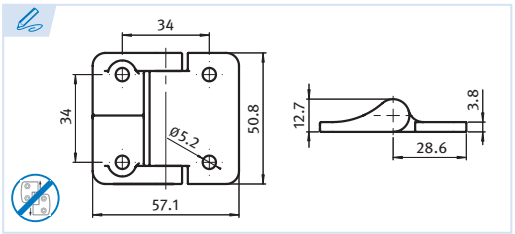
Bisagras para paneles y perfiles de aluminio. Su función principal es retener las puertas abiertas en cualquier ángulo, tanto en puertas verticales como en puertas horizontales ligeras. La fijación se realiza mediante tornillos M4.

To hinge panels or aluminium profiles. Keeps doors open at any angle, also supports lightweight horizontal doors. Fastening using M4 screws.

Charnières pour panneaux et profilés d'aluminium, permet aux portes légères et battants de rester ouverts dans différents angles, aussi bien pour des portes verticales que horizontales. L'assemblage se réalise avec des vis M4.

Dobradiças para painéis e perfis de alumínio. A sua função principal é manter as portas abertas em qualquer ângulo, tanto em portas verticais como em portas horizontais ligeiras. A fixação é realizada mediante parafusos M4.





58x51

Bisagra 58x51 con fricción constante
Hinge 58x51 with constant friction
Charnière 58x51 à friction constante
Dobradiça 58x51 com fricção constante

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Pasador: Acero, grasa lubricante y junta tórica
Pin: Steel, lubricating grease, O-ring
Axe: Acier, graisse lubrifiante et joint torique
Passador: Aço, graxa lubrificante e junta tórica

Acabado: Esmalte uretano negro
Surface: Black, urethane enamel
Finition: Noire émail uréthane
Acabamento: Esmalte uretano preto

(ES) (EN) (FR) (PT)

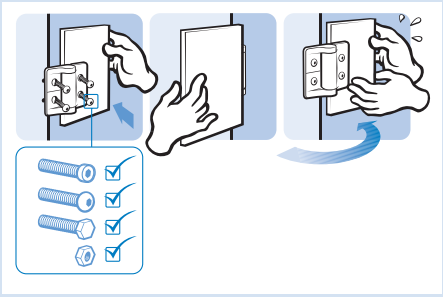
Nm **Par de fricción** / *Friction torque* / Couple de frottement / *Binário de fricção*

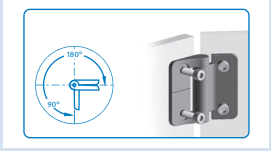
FA max. **Fuerza Axial máxima (N)** / *Maximum Axial Force (N)* / Charge axiale maximale (N) / *Força Axial máxima (N)*

FR max. **Fuerza Radial máxima (N)** / *Maximum Radial Force (N)* / Charge radiale maximale (N) / *Força Radial máxima (N)*

Ref.	Nm	FA max.	FR max.	gr.
FBIPFZ-58-51-18	1,8*	800	1.500	84
FBIPFZ-58-51-22	2,3*	800	1.500	84
FBIPFZ-58-51-34	3,4*	800	1.500	84

* Aproximadamente ±20% del valor nominal hasta 20.000 ciclos.
** Approx. ±20% of the nominal value up to 20,000 cycles.*
* A peu près ±20% de la valeur initiale jusqu'à 20.000 cycles.
** Aproximadamente ±20% do valor nominal até 20.000 ciclos.*



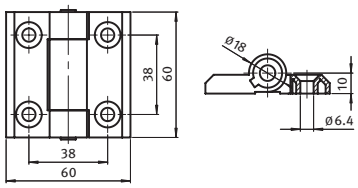


Bisagras para paneles y perfiles de aluminio. Su función principal es retener las puertas abiertas en cualquier ángulo, tanto en puertas verticales como en puertas horizontales ligeras. La fijación se realiza mediante tornillos M5.

To hinge panels or aluminium profiles. Keeps doors open at any angle, also supports lightweight horizontal doors. Fastening using M5 screws.

Charnières pour panneaux et profilés d'aluminium, permet aux portes légères et battants de rester ouverts dans différents angles, aussi bien pour des portes verticales que horizontales. L'assemblage se réalise avec des vis M5.

Dobradiças para painéis e perfis de alumínio. A sua função principal é manter as portas abertas em qualquer ângulo, tanto em portas verticais como em portas horizontais ligeiras. A fixação é realizada mediante parafusos M5.



60

Bisagra posicionable
Positioning hinge
Charnière d'arrêt
Dobradiça posicionável

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Pasador: Acero inoxidable
Bolt: Stainless steel
Axe: Acier inoxydable
Passador: Aço inoxidável

Acabado: Expoxi negro
Surface: Black powder coated
Finition: Peinture époxy noire
Acabamento: Epóxi preto

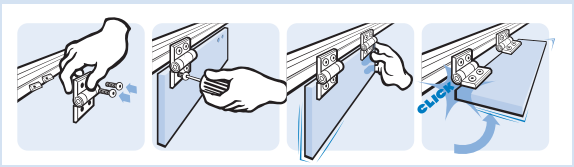
(ES) (EN) (FR) (PT)

Nm **Par del dentado**
Cogging torque
Couple de frottement
Binário do dentado

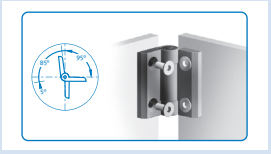
FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

Ref.	Nm	FA max.	FR max.	gr.
FBIPZ-60-60	1,1*	1.000	1.800	140



* ±20% del valor nominal.
** ±20% of the nominal value.*
* ±20% de la valeur nominal.
** ±20% do valor nominal.*

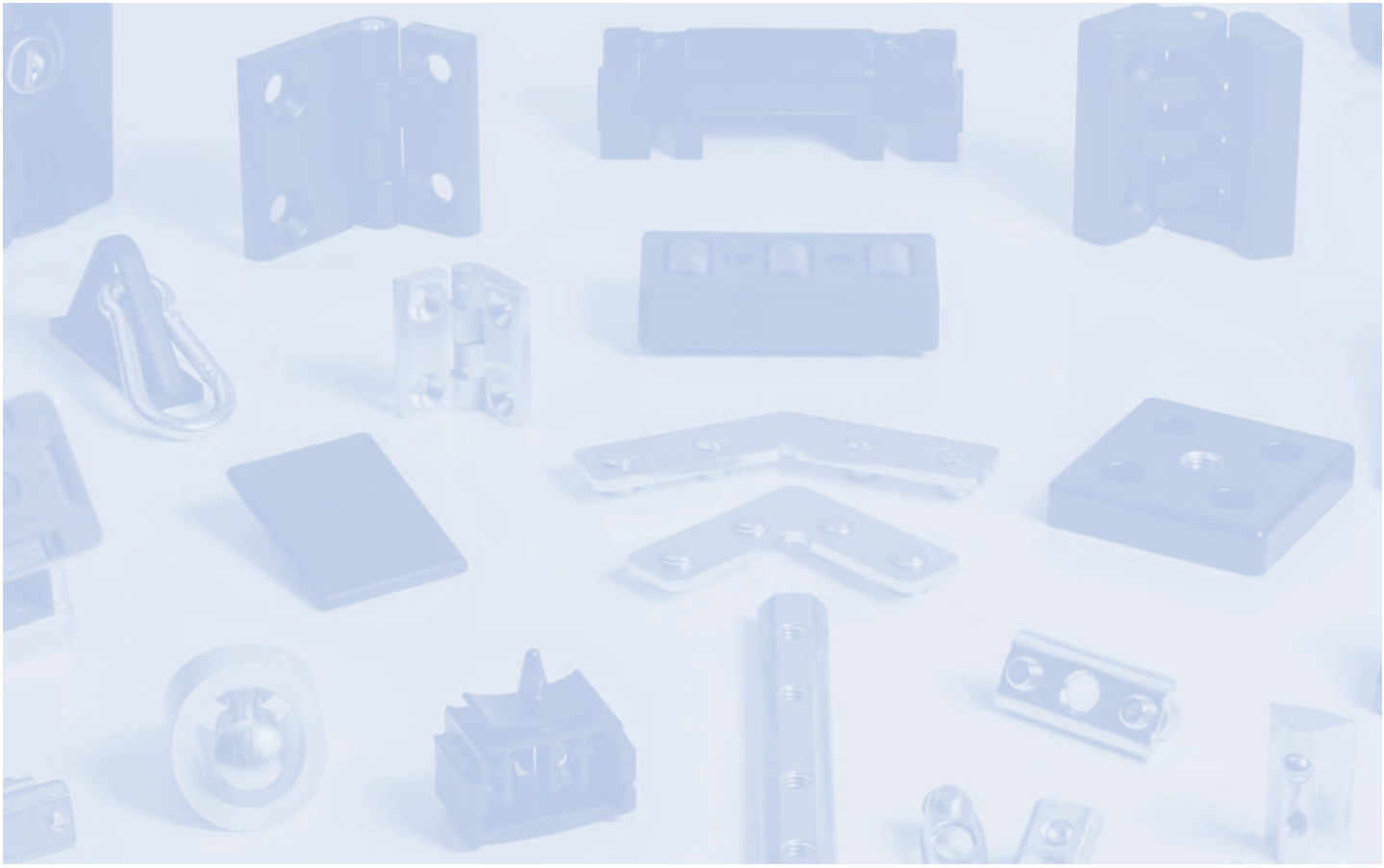


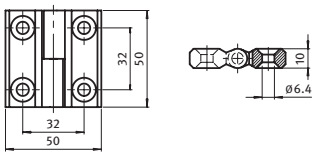
Bisagras para paneles y perfiles de aluminio. Su función principal es retener las puertas abiertas en ángulos de 85º o 175º o mantener la puerta cerrada de manera segura. La fijación se realiza por la parte frontal mediante tornillos avellanados M6.

To hinge panels or aluminium profiles. Holds a door open at an angle of 85º or 175º or keeps it securely closed. Fastening is from the front, using M6 countersunk screws.

Charnières pour panneaux ou profilés d'aluminium. Permet le maintient d'une porte en position ouverte à 85º ou 175º ou fermée. L'assemblage se réalise de face avec des vis tête fraisée M6.

Dobradiças para painéis e perfis de alumínio. A sua função principal é reter as portas abertas em ângulos de 85º ou 175º, ou manter a porta fechada de maneira segura. A fixação é realizada pela parte frontal mediante parafusos rebaixados M6.





50

Bisagra simétrica
Dual symmetrical hinge
Charnière symétrique
Dobradiça simétrica

Material: Acero inoxidable SS 316
Material: Stainless steel SS 316
Matériau: Acier inoxydable SS 316
Material: Aço inoxidável SS 316

Pasador: Acero inoxidable SS 316
Bolt: Stainless steel SS 316
Axe: Acier inoxydable SS 316
Passador: Aço inoxidável SS 316

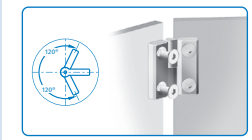
Acabado: Sin recubrimiento
Surface: Plain
Finition: Brut
Acabamento: Sem revestimento

(ES) (EN) (FR) (PT)

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

Ref.	FA max.	FR max.	gr.
FBIDS-50-50	600	1000	156



Bisagra doble simétrica para aplicaciones a izquierda y derecha. La fijación se realiza por la parte frontal mediante tornillos avellanados M6.
Dual symmetrical layout enables rigth and left hand application. Fastening is from the front, using M6 countersunk screws.
Charnière symétrique double permettant des applications à gauche et à droite. L'assemblage se réalise de face avec des vis tête fraisée M6.
Dobradiça dupla simétrica para aplicações à esquerda e direita. A fixação é realizada pela parte frontal mediante parafusos rebaixados M6.

(ES) (EN) (FR) (PT)

FA max. **Fuerza Axial máxima (N)**
Maximum Axial Force (N)
Charge axiale maximale (N)
Força Axial máxima (N)

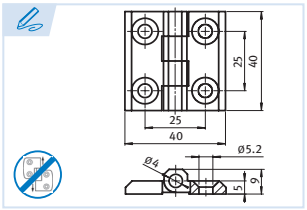
FR max. **Fuerza Radial máxima (N)**
Maximum Radial Force (N)
Charge radiale maximale (N)
Força Radial máxima (N)

Bisagra para tareas pesadas
Heavy-duty hinge
Charnière renforcée
Dobradiça para tarefas pesadas

Material: Acero inoxidable SS 316
Material: Stainless steel SS 316
Matériau: Acier inoxydable SS 316
Material: Aço inoxidável SS 316

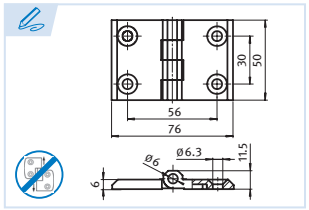
Pasador: Acero inoxidable SS 316
Bolt: Stainless steel SS 316
Axe: Acier inoxydable SS 316
Passador: Aço inoxidável SS 316

Acabado: Sin recubrimiento
Surface: Plain
Finition: Brut
Acabamento: Sem revestimento



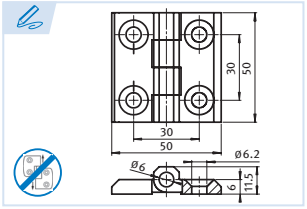
40x40

Ref.	FA max.	FR max.	gr.
FBIFS-40-40	700	1.200	61



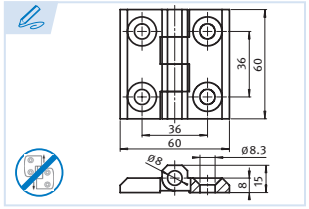
50x76

Ref.	FA max.	FR max.	gr.
FBIFS-50-76	550	1.000	146



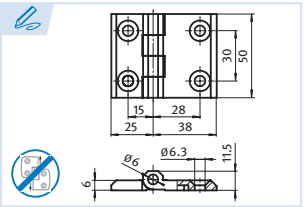
50x50

Ref.	FA max.	FR max.	gr.
FBIFS-50-50	900	1.600	95



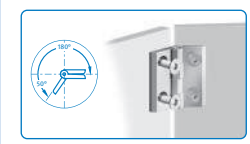
60x60

Ref.	FA max.	FR max.	gr.
FBIFS-60-60	1.200	2.000	222



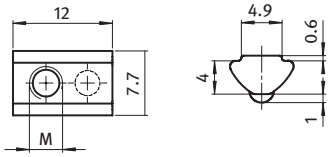
50x63

Ref.	FA max.	FR max.	gr.
FBIFS-50-63	900	1.600	122



Bisagra para tareas pesadas. La fijación se realiza por la parte frontal mediante tornillos avellanados.
Heavy-duty hinge. Fastening is from the front, using countersunk screws.
Charnière pour utilisation intensive. L'assemblage se réalise de face avec des vis tête fraisée.
Dobradiça para tarefas pesadas. A fixação é realizada pela parte frontal mediante parafusos rebaixados.

(ES) Tuercas para Ranuras en T I (EN) T-slot Nuts I (FR) Écrous pour rainure en T I (PT) Porcas para Ranhuras em T



El modelo 'Roll-in' permite la inserción de la tuerca en el perfil en 'T' de manera vertical, mediante una sencilla rotación de la misma.

The "Roll-in" model allows you to insert the T-slot nut vertically with a simple turn.

Le modèle 'Roll-in' permet le positionnement de l'écrou verticalement par une simple rotation de celui-ci.

O modelo 'Roll-in' permite a inserção da porca no perfil em 'T' de maneira vertical, mediante uma simples rotação da mesma.

Tuerca roll-in en 'T' con bola (7,7x4,0)
Roll-in T-slot nut with spring loaded ball (7.7x4.0)
Écrou 1/2 lune en T avec bille (7,7x4,0)
Porca roll-in em 'T' com esfera (7,7x4,0)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø3mm)
Ball: Stainless steel (Ø3mm)
Bille: Acier inoxydable (Ø3mm)
Esfera: Aço inoxidável (Ø3mm)

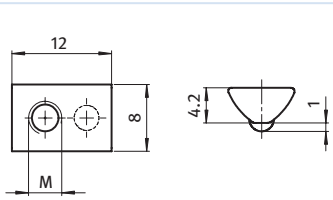
Ref.	M	gr.
FTRITB-3-5	**M3**	2,2
FTRITB-4-5	**M4**	2,0
FTRITB-5-5	**M5**	1,8
FTRITBP-5-1500	**1.500 mm**	309,0

· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.

· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*

· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.

· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*



El modelo 'Roll-in' permite la inserción de la tuerca en el perfil en 'T' de manera vertical, mediante una sencilla rotación de la misma.

The "Roll-in" model allows you to insert the T-slot nut vertically with a simple turn.

Le modèle 'Roll-in' permet le positionnement de l'écrou verticalement par une simple rotation de celui-ci.

O modelo 'Roll-in' permite a inserção da porca no perfil em 'T' de maneira vertical, mediante uma simples rotação da mesma.

Tuerca roll-in plana con bola (8,0x4,2)
Roll-in T-slot nut with spring loaded ball (8.0x4.2)
Écrou 1/2 lune avec bille (8,0x4,2)
Porca roll-in plana com esfera (8,0x4,2)

Material: Acero cincado / Acero inox SS304-SS303
Material: Zinc plated steel / Stainless steel SS304-SS303
Matériau: Acier zingué / Acier inoxydable SS304-SS303
Material: Aço zincado/Aço inoxidável SS304-SS303

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø3mm)
Ball: Stainless steel (Ø3mm)
Bille: Acier inoxydable (Ø3mm)
Esfera: Aço inoxidável (Ø3mm)

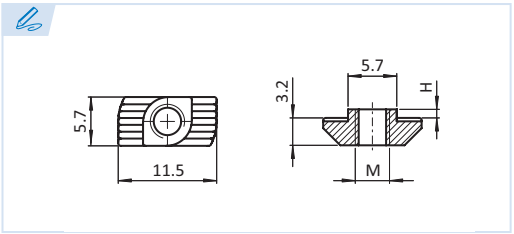
	· **Acero cincado** *Zinc plated steel* Acier zingué *Aço zincado*		· **Acero inoxidable** *Stainless steel* Acier inoxydable *Aço inoxidável*	
M	**Ref.**	**gr.**	**Ref.**	**gr.**
M3	FTRIPB-3-5	2,0	-	-
M4	FTRIPB-4-5	1,8	FTRIPBS-4-5	1,8
M5	FTRIPB-5-5	1,6	FTRIPBS-5-5	1,6
1.500 mm	FTRIPB-5-1500	309,0	-	-

· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.

· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*

· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.

· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*



Tuerca martillo
Hammer Nut
Écrou à tête rectangulaire
Porca martelo

Material: Acero cincado / Acero inox SS304
Material: Zinc plated steel / Stainless steel SS304
Matériau: Acier zingué / Acier inoxydable SS304
Material: Aço zincado / Aço inoxidável SS304

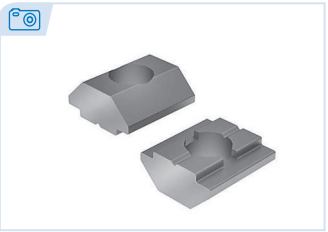
NUEVO NEW NOUVEAU NOVO

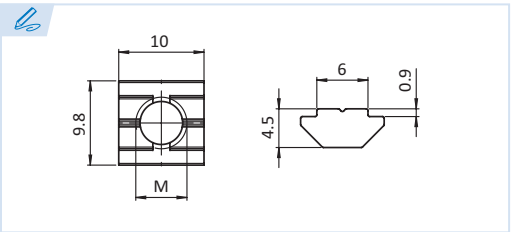
Cuando se fija en el perfil de aluminio elimina el recubrimiento anodizado del perfil ofreciendo una conductividad eléctrica segura.
To fasten components to profiles, brakes the anodized coat of the profile - thus ensuring a safe, electrically conductive connection.
Élimination du revêtement anodisé lors de l'insertion de l'écrou favorisant une conductivité électrostatique sécurisée.
Elimina o revestimento anodizado do perfil quando se fixa no perfil de alumínio, oferecendo uma condutividade elétrica segura.

		· Acero cincado *Zinc plated steel* Acier zingué *Aço zincado*		· Acero inoxidable *Stainless steel* Acier inoxydable *Aço inoxidável*	
M	H	Ref.	gr.	Ref.	gr.
M4	**1,0**	FTM-4-6-1	1,0	FTMS-4-6-1	1,2

· Otras medidas y características bajo consulta.
· *Other dimensions and configurations on request.*
· Sur demande autres dimensions et caractéristiques.
· *Outras medidas e características, disponíveis sob consulta.*

Las tuercas martillo se insertan directamente en el lugar deseado de la ranura del perfil y se bloquean mediante un giro de un cuarto de vuelta.
The hammer nuts are inserted directly into the desired place on the side slot and become locked with a quarter turn.
Les écrous marteau s'intègrent directement dans la position souhaitée de la rainure du profilé et se bloquent par un simple quart de tour.
As porcas martelo são inseridas diretamente no lugar desejado da ranhura do perfil e são bloqueadas mediante um giro de um quarto de volta.





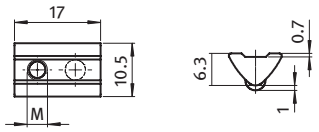
Tuerca en 'T' perfil (9,8x4,5)
T-slot Nut (9.8x4.5)
Écrou en T (9,8x4,5)
Porca em 'T' perfil (9,8x4,5)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

NUEVO NEW NOUVEAU NOVO

· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.
· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*
· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.
· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*

Ref.	M	gr.
FTT-4-6	**M4**	2,4
FTT-5-6	**M5**	2,2
FTT-6-6	**M6**	1,9



El modelo 'Roll-in' permite la inserción de la tuerca en el perfil en 'T' de manera vertical, mediante una sencilla rotación de la misma.

The "Roll-in" model allows you to insert the T-slot nut vertically with a simple turn.

Le modèle 'Roll-in' permet le positionnement de l'écrou dans le profilé en T verticalement par une simple rotation de celui-ci.

O modelo 'Roll-in' permite a inserção da porca no perfil em 'T' de maneira vertical, mediante uma simples rotação da mesma.

Tuerca roll-in en 'T' invertida con bola (10,5x6,3)
Roll-in T-slot nut with spring loaded ball (10.5x6.3)
Écrou 'roll in' en T avec bille inversée (10,5x6,3)
Porca roll-in em 'T' invertida com esfera (10,5x6,3)

Material: Acero cincado / Acero inox SS304-SS303
Material: Zinc plated steel / Stainless steel SS304-SS303
Matériau: Acier zingué / Acier inoxydable SS304-SS303
Material: Aço zincado / Aço inoxidável SS304-SS303

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø3mm)
Ball: Stainless steel (Ø3mm)
Bille: Acier inoxydable (Ø3mm)
Esfera: Aço inoxidável (Ø3mm)

NUEVO NEW NOUVEAU NOVO

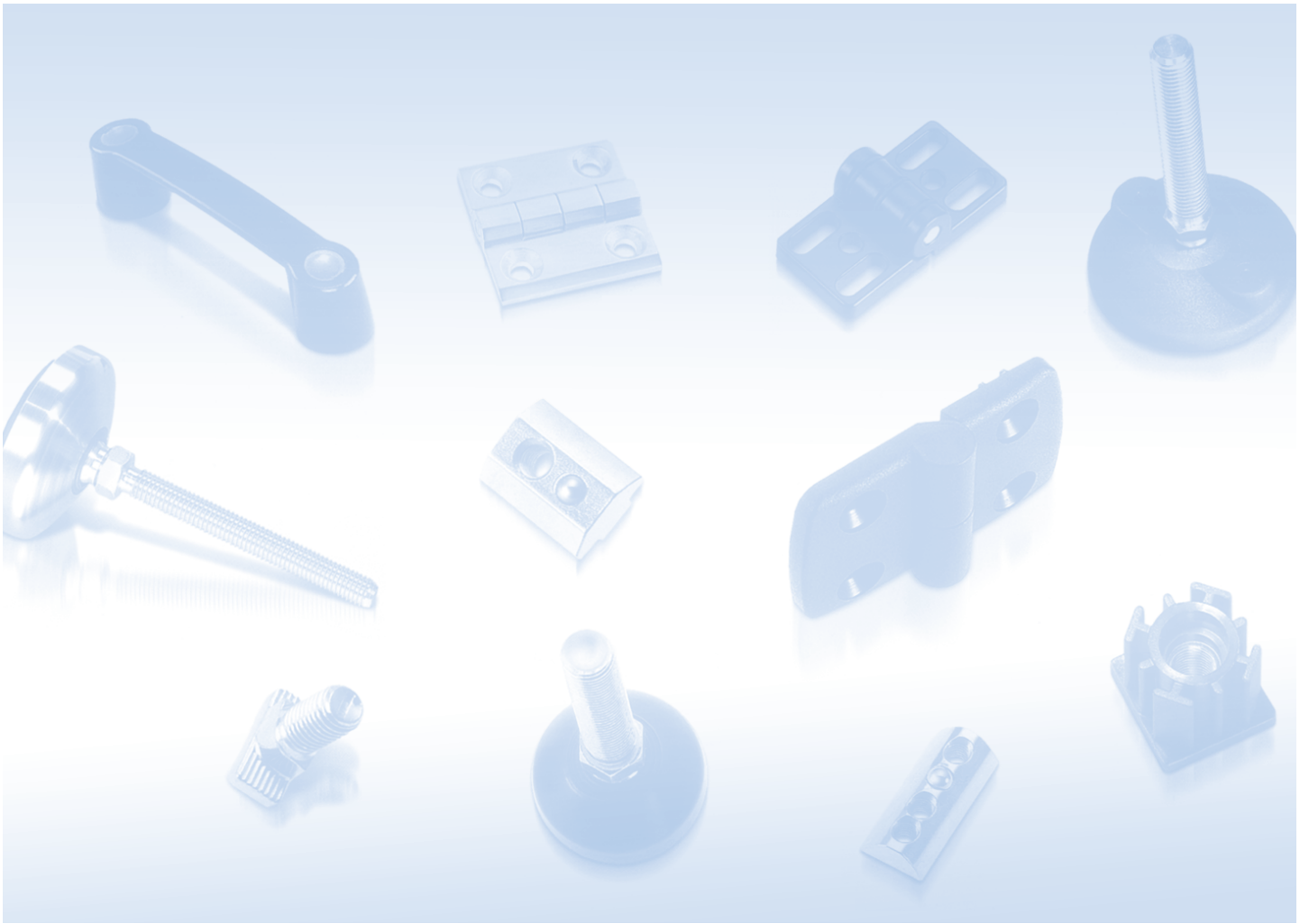
	· Acero cincado *Zinc plated steel* Acier zingué *Aço zincado*		· Acero inoxidable *Stainless steel* Acier inoxydable *Aço inoxidável*	
M	**Ref.**	**gr.**	**Ref.**	**gr.**
M3	FTRITIB-3-6	5,2	-	-
M4	FTRITIB-4-6	5,0	-	-
M5	FTRITIB-5-6	4,8	FTRITIBS-5-6	4,8
M6	FTRITIB-6-6	4,5	FTRITIBS-6-6	4,5
1.500 mm	FTRITIBP-6-1500	465,0	-	-

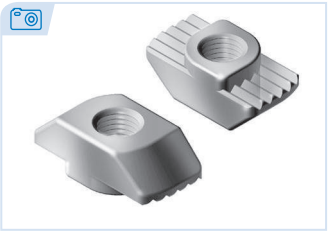
· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.

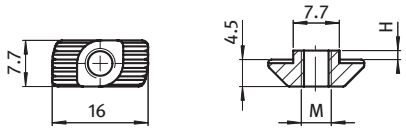
· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*

· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.

· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*







Tuerca martillo

Hammer Nut
Écrou à tête rectangulaire
Porca martelo

Material: Acero cincado / Acero inox SS316
Material: Zinc plated steel / Stainless steel SS316
Matériau: Acier zingué / Acier inoxydable SS316
Material: Aço zincado / Aço inoxidável SS316

Cuando se fija en el perfil de aluminio elimina el recubrimiento anodizado del perfil ofreciendo una conductividad eléctrica segura.

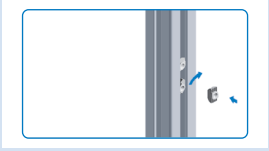
To fasten components to profiles, brakes the anodized coat of the profile - thus ensuring a safe, electrically conductive connection.

Élimination du revêtement anodisé lors de l'insertion de l'écrou favorisant une conductivité électrostatique sécurisée.

Elimina o revestimento anodizado do perfil quando se fixa no perfil de alumínio, oferecendo uma condutividade elétrica segura.

		· Acero cincado *Zinc plated steel* Acier zingué *Aço zincado*		· Acero inoxidable *Stainless steel* Acier inoxydable *Aço inoxidável*	
M	H	Ref.	gr.	Ref.	gr.
M4	1,5	FTM-4-8-1,5	3,8	-	-
M4	3,0	FTM-4-8-3	4,5	-	-
M5	1,5	FTM-5-8-1,5	3,1	-	-
M5	3,0	FTM-5-8-3	3,5	-	-
M6	1,5	FTM-6-8-1,5	3,0	FTMS-6-8-1,5	3,1
M6	3,0	FTM-6-8-3	4,5	-	-
10-32 UNF	1,5	FTMF-10-8-1,5	3,0	-	-
1/4-20 UNC	1,5	FTMC-1-4-8-1,5	2,9	FTMSC-1-4-8-1,5	2,9
1/4-20 UNC	3,0	FTMC-1-4-8-3	2,9	-	-

· Otras medidas y características bajo consulta.
· *Other dimensions and configurations on request.*
· Sur demande autres dimensions et caractéristiques.
· *Outras medidas e características, disponíveis sob consulta.*

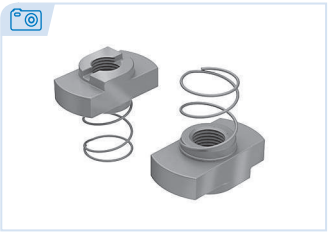


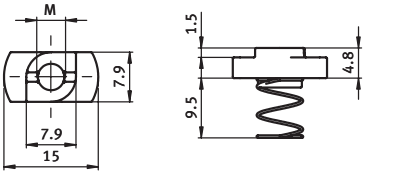
Las tuercas martillo se insertan directamente en el lugar deseado de la ranura del perfil y se bloquean mediante un giro de un cuarto de vuelta.

The hammer nuts are inserted directly into the desired place on the side slot and become locked with a quarter turn.

Les écrous marteau s'intègrent directement dans la position souhaitée de la rainure du profilé et se bloquent par un simple quart de tour.

As porcas martelo são inseridas diretamente no lugar desejado da ranhura do perfil e são bloqueadas mediante um giro de um quarto de volta.





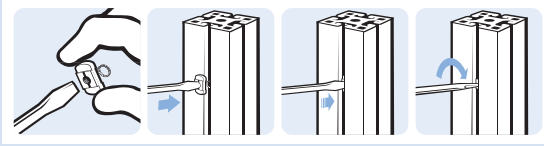
Tuerca martillo con muelle

Spring nut
Écrou marteau à ressort
Porca martelo com mola

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

NUEVO NEW NOUVEAU NOVO

Ref.	M	gr.
FTMM-4-8	**M4**	4,0
FTMM-5-8	**M5**	3,8
FTMM-6-8	**M6**	3,6

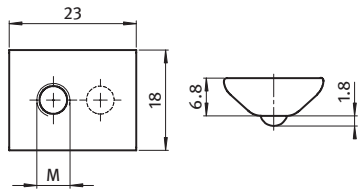


Las tuercas martillo con muelle se insertan directamente en el lugar deseado de la ranura del perfil y se bloquean mediante un giro de un cuarto de vuelta.

The spring nuts are inserted directly into the desired place on the side slot and become locked with a quarter turn.

Les écrous marteau à ressort s'intègrent directement dans la position souhaitée de la rainure du profilé et se bloquent par un simple quart de tour.

As porcas martelo com mola são inseridas diretamente no lugar desejado da ranhura do perfil e são bloqueadas mediante um giro de um quarto de volta.



· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.
· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*
· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.
· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*

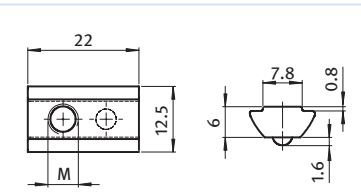
Ref.	M	gr.
FTPB-5-8	**M5**	16,4
FTPB-6-8	**M6**	16,0
FTPB-8-8	**M8**	15,0
FTPBP-8-1500	**1.500 mm**	1.114,5

Tuerca plana con bola (18,0x6,8)
T-slot Nut with spring loaded ball (18.0x6.8)
Écrou 1/2 lune à bille (18,0x6,8)
Porca plana com esfera (18,0x6,8)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø3mm)
Ball: Stainless steel (Ø3mm)
Bille: Acier inoxydable (Ø3mm)
Esfera: Aço inoxidável (Ø3mm)



El modelo 'Roll-in' permite la inserción de la tuerca en el perfil en 'T' de manera vertical, mediante una sencilla rotación de la misma.
The "Roll-in" model allows you to insert the T-slot nut vertically with a simple turn.
Le modèle 'Roll-in' permet le positionnement de l'écrou dans le profilé en T verticalement par une simple rotation de celui-ci.
O modelo 'Roll-in' permite a inserção da porca no perfil em 'T' de maneira vertical, mediante uma simples rotação da mesma.

Ref.	M	gr.
FTRITB-4-8	**M4**	9,6
FTRITB-5-8	**M5**	9,5
FTRITB-6-8	**M6**	9,0
FTRITB-8-8	**M8**	8,1
FTRITBP-8-1500	**1.500 mm**	723,0

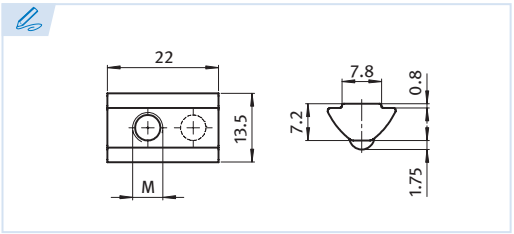
Tuerca roll-in en 'T' con bola (12,5x6,0)
Roll-in T-slot nut with spring loaded ball(12.6x6.0)
Écrou tasseau 'roll in T' à bille. (12,6x6,0)
Porca roll-in em 'T' com esfera (12,5x6,0)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø4mm)
Ball: Stainless steel (Ø4mm)
Bille: Acier inoxydable (Ø4mm)
Esfera: Aço inoxidável (Ø4mm)

· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.
· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*
· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.
· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*



El modelo 'Roll-in' permite la inserción de la tuerca en el perfil en 'T' de manera vertical, mediante una sencilla rotación de la misma.

The "Roll-in" model allows you to insert the T-slot nut vertically with a simple turn.

Le modèle 'Roll-in' permet le positionnement de l'écrou dans le profilé en T verticalement par une simple rotation de celui-ci

O modelo 'Roll-in' permite a inserção da porca no perfil em 'T' de maneira vertical, mediante uma simples rotação da mesma.

Tuerca roll-in en 'T' con bola (13,5x7,2)
Roll-in T-slot nut with spring loaded ball (13.5x7.2)
Écrou tasseau 'roll in T' à bille (13,5x7,2)
Porca roll-in em 'T' com esfera (13,5x7,2)

Material: Acero cincado / Acero inox SS304-SS303
Material: Zinc plated steel / Stainless steel SS304-SS303
Matériau: Acier zingué / Acier inoxydable SS304-SS303
Material: Aço zincado / Aço inoxidável SS304-SS303

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø5mm)
Ball: Stainless steel (Ø5mm)
Bille: Acier inoxydable (Ø5mm)
Esfera: Aço inoxidável (Ø5mm)

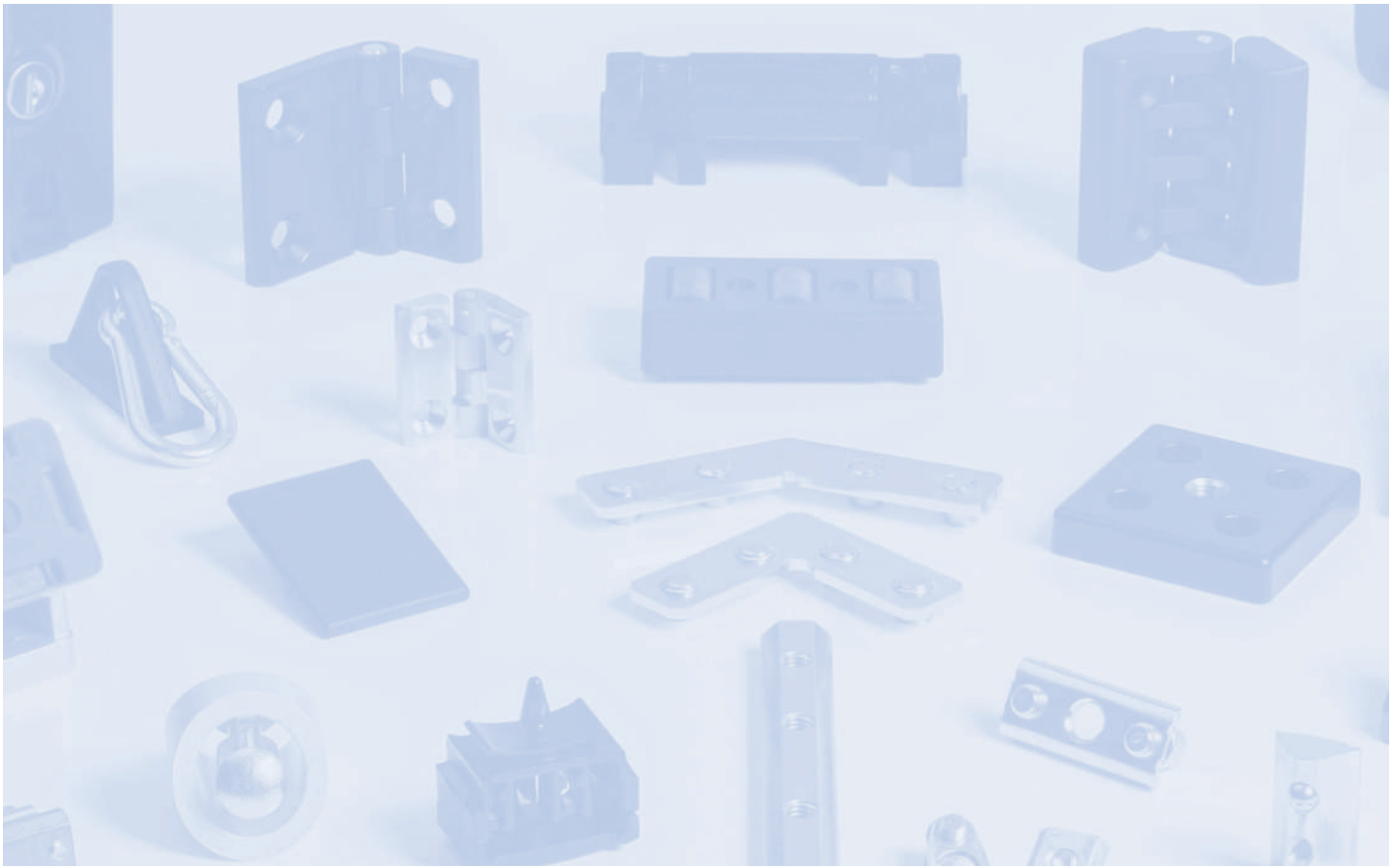
	· Acero cincado *Zinc plated steel* Acier zingué *Aço zincado*		· Acero inoxidable *Stainless steel* Acier inoxydable *Aço inoxidável*	
M	**Ref.**	**gr.**	**Ref.**	**gr.**
M3	FTRITBA-3-8	10,9	-	-
M4	FTRITBA-4-8	10,8	-	-
M5	FTRITBA-5-8	10,5	FTRITBAS-5-8	10,5
M6	FTRITBA-6-8	9,9	FTRITBAS-6-8	9,9
M8	FTRITBA-8-8	9,0	FTRITBAS-8-8	9,0
1.500 mm	FTRITBAP-8-1500	834,0	-	-
10-32 UNF	FTRITBAF-10-8	10,9	-	-
1/4-20 UNC	FTRITBAC-1-4-8	9,9	-	-
5/16-18 UNC	FTRITBAC-5-16-8	9,4	-	-

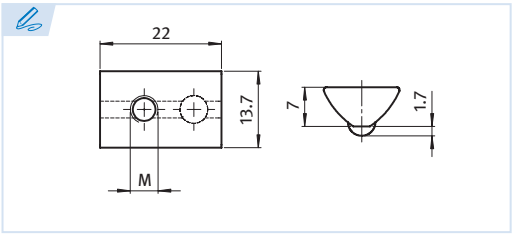
· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.

· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*

· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.

· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*





El modelo 'Roll-in' permite la inserción de la tuerca en el perfil en 'T' de manera vertical, mediante una sencilla rotación de la misma.

The "Roll-in" model allows you to insert the T-slot nut vertically with a simple turn.

Le modèle 'Roll-in' permet le positionnement de l'écrou dans le profilé en T verticalement par une simple rotation de celui-ci.

O modelo 'Roll-in' permite a inserção da porca no perfil em 'T' de maneira vertical, mediante uma simples rotação da mesma.

Tuerca roll-in en 'T' plana con bola (13,7x7,0)
Roll-in T-slot nut with spring loaded ball (13.7x7.0)
Écrou tasseau 'roll in T' à bille (13,7x7,0)
Porca roll-in em 'T' plana com esfera (13,7x7,0)

Material: Acero cincado / Acero inox SS304-SS303
Material: Zinc plated steel / Stainless steel SS304-SS303
Matériau: Acier zingué / Acier inoxydable SS304-SS303
Material: Aço zincado / Aço inoxidável SS304-SS303

Perfil: Acero / Acero inox, sin recubrimiento, sin rosca
Profile: Steel / Stainless steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço / Aço inoxidável, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø5mm)
Ball: Stainless steel (Ø5mm)
Bille: Acier inoxydable (Ø5mm)
Esfera: Aço inoxidável (Ø5mm)

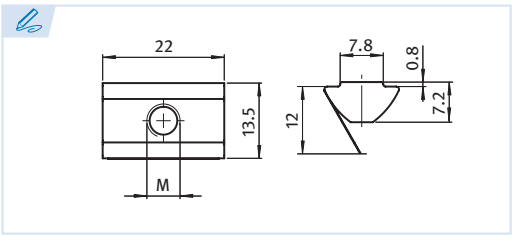
	· Acero cincado *Zinc plated steel* Acier zingué *Aço zincado*		· Acero inoxidable *Stainless steel* Acier inoxydable *Aço inoxidável*	
M	**Ref.**	**gr.**	**Ref.**	**gr.**
M3	FTRIPB-3-8	10,9	FTRIPBS-3-8	10,9
M4	FTRIPB-4-8	10,8	FTRIPBS-4-8	10,8
M5	FTRIPB-5-8	10,5	FTRIPBS-5-8	10,5
M6	FTRIPB-6-8	9,9	FTRIPBS-6-8	9,9
M8	FTRIPB-8-8	9,0	FTRIPBS-8-8	9,0
1.500 mm	FTRIPBP-8-1500	799,5	FTRIPBPS-8-1500	799,5
10-32 UNF	FTRIPBF-10-8	10,9	-	-
1/4-20 UNC	FTRIPBC-1-4-8	10,0	FTRIPBSC-1-4-8	10,0
5/16-18 UNC	FTRIPBC-5-16-8	9,1	FTRIPBSC-5-16-8	9,1

· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.

· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*

· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.

· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*



El modelo 'Roll-in' permite la inserción de la tuerca en el perfil en 'T' de manera vertical, mediante una sencilla rotación de la misma.

The "Roll-in" model allows you to insert the T-slot nut vertically with a simple turn.

Le modèle 'Roll-in' permet le positionnement de l'écrou dans le profilé en T verticalement par une simple rotation de celui-ci.

O modelo 'Roll-in' permite a inserção da porca no perfil em 'T' de maneira vertical, mediante uma simples rotação da mesma.

Tuerca roll-in en 'T' con resorte (13,5x7,2)
Roll-in T-slot nut with sprin (13.5x7.2)
Écrou tasseau 'roll in T' sur ressort (13,5x7,2)
Porca roll-in em 'T' com mola (13,5x7,2)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

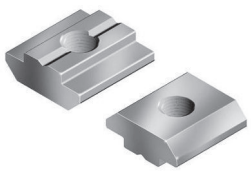
Ref.	M	gr.
FTRITR-4-8	**M4**	11,4
FTRITR-5-8	**M5**	11,1
FTRITR-6-8	**M6**	10,8
FTRITR-8-8	**M8**	9,9
FTRITRC-1-4-8	**1/4-20 UNC**	10,9
FTRITRC-5-16-8	**5/16-18 UNC**	10,0

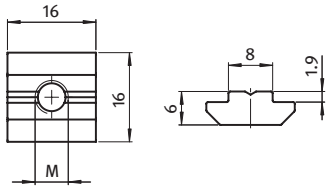
· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.

· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*

· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.

· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*





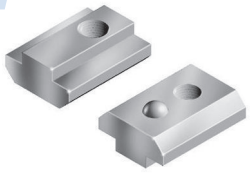
· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.
· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*
· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.
· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*

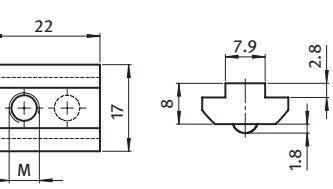
Ref.	M	gr.
FTT-4-8	**M4**	8,6
FTT-5-8	**M5**	8,2
FTT-6-8	**M6**	7,8
FTT-8-8	**M8**	7,2
FTTP-8-1500	**1.500 mm**	873,0

Tuerca en 'T' (16,0x6,0)
T-slot nut (16.0x6.0)
Écrou tasseau (16,0x6,0)
Porca em 'T' perfil (16,0x6,0)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca





· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.
· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*
· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.
· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*

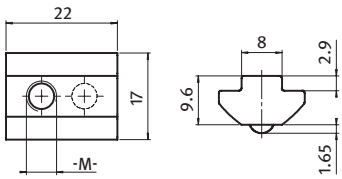
Ref.	M	gr.
FTTB-5-8-8	**M5**	16,0
FTTB-6-8-8	**M6**	15,7
FTTB-8-8-8	**M8**	15,4
FTTBP-8-8-1500	**1.500 mm**	1.210,5

Tuerca en 'T' con bola (17,0x8,0)
T-slot nut with spring loaded ball (17.0x8.0)
Écrou tasseau à bille (17,0x8,0)
Porca em 'T' com esfera (17,0x8,0)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø5mm)
Ball: Stainless steel (Ø5mm)
Bille: Acier inoxydable (Ø5mm)
Esfera: Aço inoxidável (Ø5mm)



· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.
· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*
· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.
· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*

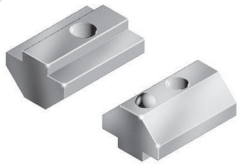
M	· Acero cincado *Zinc plated steel* Acier zingué *Aço zincado* Ref.	gr.	· Acero inoxidable *Stainless steel* Acier inoxydable *Aço inoxidável* Ref.	gr.
M4	FTTB-4-8-9,6	19,0	-	-
M5	FTTB-5-8-9,6	18,5	-	-
M6	FTTB-6-8-9,6	18,0	FTTBS-6-8-9,6	18
M8	FTTB-8-8-9,6	17,0	FTTBS-8-8-9,6	17
1.500 mm	FTTBP-8-9,6-1500	1.344,0	FTTBPS-8-9,6-1500	1.344,0

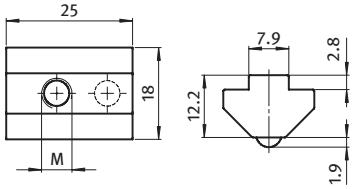
Tuerca en 'T' con bola (17,0x9,6)
T-slot nut with spring loaded ball (17.0x9.6)
Écrou en T à bille (17,0x9,6)
Porca em 'T' com esfera (17,0x9,6)

Material: Acero cincado / Acero inox SS304-SS303
Material: Zinc plated steel / Stainless steel SS304-SS303
Matériau: Acier zingué / Acier inoxydable SS304-SS303
Material: Aço zincado / Aço inoxidável SS304-SS303

Perfil: Acero / Acero inox, sin recubrimiento, sin rosca
Profile: Steel / Stainless steel, plain, without thread
Profilé: Acier / Inox sans revêtement ni filetage
Perfil: Aço / Aço inoxidável, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø5mm)
Ball: Stainless steel (Ø5mm)
Bille: Acier inoxydable (Ø5mm)
Esfera: Aço inoxidável (Ø5mm)





· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.
· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*
· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.
· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*

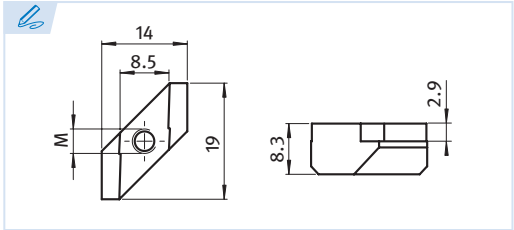
Ref.	M	gr.
FTTB-5-8-12,2	**M5**	27,0
FTTB-6-8-12,2	**M6**	26,7
FTTB-8-8-12,2	**M8**	26,3
FTTBP-8-12,2-1500	**1.500 mm**	1.905,0

Tuerca en 'T' con bola (18,0x12,2)
T-slot nut with spring loaded ball (18.0x12.2)
Écrou en T à bille (18,0x12,2)
Porca em 'T' com esfera (18,0x12,2)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø5mm)
Ball: Stainless steel (Ø5mm)
Bille: Acier inoxydable (Ø5mm)
Esfera: Aço inoxidável (Ø5mm)

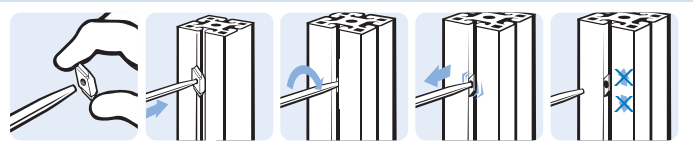


Tuerca en 'T' romboide
Rhombus nut
Écrou tasseau losange
Porca em 'T' losango

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Acabado: Sin recubrimiento
Surface: Plain
Finition: Sans revêtement
Acabamento: Sem revestimento

Ref.	M	gr.
FTTR-3-8	**M3**	5,2
FTTR-4-8	**M4**	5,0
FTTR-5-8	**M5**	4,8
FTTR-6-8	**M6**	4,6

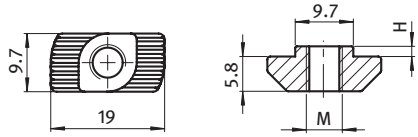


Las tuercas romboides se insertan directamente en el lugar deseado de la ranura del perfil y se bloquean mediante un giro de un cuarto de vuelta.

The rhombus nuts are inserted directly into the desired place on the side slot and become locked with a quarter turn.

Les écrous en losange s'intègrent directement dans la rainure du profilé et se bloquent par simple quart de tour.

As porcas em losango são inseridas diretamente no lugar desejado da ranhura do perfil e são bloqueadas mediante um giro de um quarto de volta.



10

Tuerca martillo
Hammer nut
Écrou à tête rectangulaire
Porca martelo

Material: Acero cincado / Acero inox SS316
Material: Zinc plated steel / Stainless steel SS316
Matériau: Acier zingué / Acier inoxydable SS316
Material: Aço zincado / Aço inoxidável SS316

Cuando se fija en el perfil de aluminio elimina el recubrimiento anodizado del perfil ofreciendo una conductividad eléctrica segura.

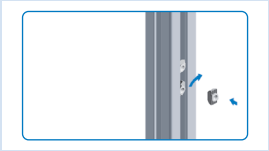
To fasten components to profiles, brakes the anodized coat of the profile - thus ensuring a safe, electrically conductive connection.

Élimination du revêtement anodisé lors de l'insertion de l'écrou favorisant une conductivité électrostatique sécurisé.

Elimina o revestimento anodizado do perfil quando se fixa no perfil de alumínio, oferecendo uma condutividade elétrica segura.

		· Acero cincado *Zinc plated steel* Acier zingué *Aço zincado*		· Acero inoxidable *Stainless steel* Acier inoxydable *Aço inoxidável*	
M	**H**	**Ref.**	**gr.**	**Ref.**	**gr.**
M4	**3,0**	FTM-4-10-3	7,9	-	-
M5	**1,5**	FTM-5-10-1,5	6,7	-	-
M5	**3,0**	FTM-5-10-3	7,7	-	-
M6	**1,5**	FTM-6-10-1,5	6,2	-	-
M6	**3,0**	FTM-6-10-3	7,2	FTMS-6-10-3	7,3
M8	**1,5**	FTM-8-10-1,5	5,1	-	-
M8	**3,0**	FTM-8-10-3	6,1	FTMS-8-10-3	6,1
10-32 UNF	**3,0**	FTMF-10-10-3	7,6	-	-
1/4-20 UNC	**3,0**	FTMC-1-4-10-3	6,8	FTMSC-1-4-10-3	7,3
5/16-18 UNC	**3,0**	FTMC-5-16-10-3	6,2	FTMSC-5-16-10-3	6,2

· Otras medidas y características bajo consulta.
· *Other dimensions and configurations on request.*
· Sur demande autres dimensions et caractéristiques.
· *Outras medidas e características, disponíveis sob consulta.*

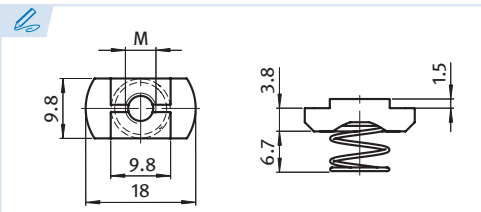


Las tuercas martillo se insertan directamente en el lugar deseado de la ranura del perfil y se bloquean mediante un giro de un cuarto de vuelta.

The hammer nuts are inserted directly into the desired place on the side slot and become locked with a quarter turn.

Les écrous marteau s'intègrent directement dans la rainure du profilé et se bloquent par simple quart de tour.

As porcas martelo são inseridas diretamente no lugar desejado da ranhura do perfil e são bloqueadas mediante um giro de um quarto de volta.

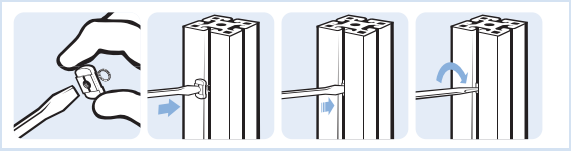


10

Tuerca de resorte
Spring Nut
Écrou à ressort
Porca de mola

Material: Acero zincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Ref.	M	gr.
FTMM-4-10	**M4**	5,0
FTMM-5-10	**M5**	4,2
FTMM-6-10	**M6**	4,1
FTMM-8-10	**M8**	3,9

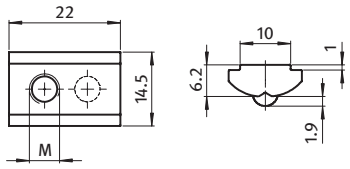


Las tuercas martillo con muelle se insertan directamente en el lugar deseado de la ranura del perfil y se bloquean mediante un giro de un cuarto de vuelta.

The spring nuts are inserted directly into the desired place on the side slot and become locked with a quarter turn.

Les écrous marteau à ressort s'intègrent directement dans la rainure du profilé et se bloquent par simple quart de tour.

As porcas martelo com mola são inseridas diretamente no lugar desejado da ranhura do perfil e são bloqueadas mediante um giro de um quarto de volta.



El modelo 'Roll-in' permite la inserción de la tuerca en el perfil en 'T' de manera vertical, mediante una sencilla rotación de la misma.

The "Roll-in" model allows you to insert the T-slot nut vertically with a simple turn.

Le modèle 'Roll-in' permet le positionnement de l'écrou dans le profilé en T verticalement par une simple rotation de celui-ci

O modelo 'Roll-in' permite a inserção da porca no perfil em 'T' de maneira vertical, mediante uma simples rotação da mesma.

Tuerca roll-in en 'T' con bola (14,5x6,2)
Roll-in T-slot nut with spring loaded ball (14.5x6.2)
Écrou tasseau 'roll in T` à bille (14,5x6,2)
Porca roll-in em 'T' com esfera (14,5x6,2)

Material: Acero cincado / Acero inox SS304-SS303
Material: Zinc plated steel / Stainless steel SS304-SS303
Matériau: Acier zingué / Acier inoxydable SS304-SS303
Material: Aço zincado / Aço inoxidável SS304-SS303

Perfil: Acero / Acero inox, sin recubrimiento, sin rosca
Profile: Steel / Stainless steel, plain, without thread
Profilé: Acier / Inox sans revêtement ni filetage
Perfil: Aço / Aço inoxidável, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø5mm)
Ball: Stainless steel (Ø5mm)
Bille: Acier inoxydable (Ø5mm)
Esfera: Aço inoxidável (Ø5mm)

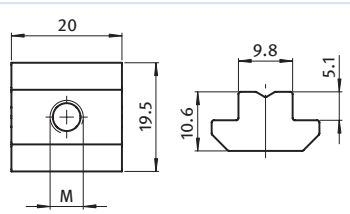
	· Acero cincado *Zinc plated steel* Acier zingué *Aço zincado*		· Acero inoxidable *Stainless steel* Acier inoxydable *Aço inoxidável*	
M	**Ref.**	**gr.**	**Ref.**	**gr.**
M4	FTRITB-4-10	11,8	FTRITBS-4-10	11,8
M5	FTRITB-5-10	11,4	FTRITBS-5-10	11,4
M6	FTRITB-6-10	11,1	FTRITBS-6-10	11,1
M8	FTRITB-8-10	10,1	FTRITBS-8-10	10,1
1.500 mm	FTRITBP-10-1500	870,0	FTRITBPS-10-1500	870,0

· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.

· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*

· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.

· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*



· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.

· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*

· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.

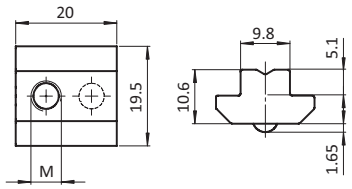
· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*

Tuerca en 'T' (19,5x10,6)
T-slot nut (19.5x10.6)
Écrou tasseau (19,5x10,6)
Porca em 'T' (19,5x10,6)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca

Ref.	M	gr.
FTT-4-10	**M4**	21,5
FTT-5-10	**M5**	20,9
FTT-6-10	**M6**	20,3
FTT-8-10	**M8**	18,6
FTTP-10-1500	**1.500 mm**	1.732,5



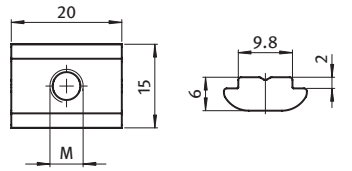
· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.
· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*
· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.
· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*

Ref.	M	gr.
FTTB-4-10-10,6	**M4**	21,5
FTTB-5-10-10,6	**M5**	20,9
FTTB-6-10-10,6	**M6**	20,0
FTTB-8-10-10,6	**M8**	18,6

Tuerca en 'T' con bola (19,5x10,6)
T-slot nut with spring loaded ball (19.5x10.6)
Écrou tasseau à bille (19,5x10,6)
Porca em 'T' com esfera (19,5x10,6)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Bola: Acero inoxidable (Ø5mm)
Ball: Stainless steel (Ø5mm)
Bille: Acier inoxydable (Ø5mm)
Esfera: Aço inoxidável (Ø5mm)



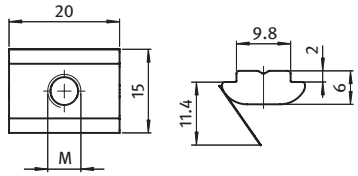
· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.
· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*
· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.
· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*

Ref.	M	gr.
FTRIT-3-10	**M3**	13,0
FTRIT-4-10	**M4**	12,5
FTRIT-5-10	**M5**	13,0
FTRIT-6-10	**M6**	12,0
FTRIT-8-10	**M8**	11,0
FTRITP-10-1500	**1.500 mm**	841,5

Tuerca roll-in en 'T' (15,0x6,0)
Roll-in T-slot nut (15.0x6.0)
Écrou 'roll-in' en T (15,0x6,0)
Porca roll-in em 'T' (15,0x6,0)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca

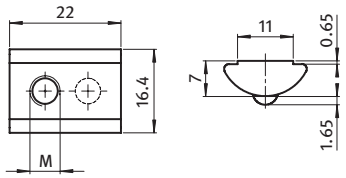


Tuerca roll-in en 'T' con resorte (15,0x6,0)
Roll-in T-slot nut with spring leaf(15.0x6.0)
Écrou 'roll-in' sur ressort (15,0x6,0)
Porca roll-in em 'T' com mola (15,0x6,0)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.
· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*
· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.
· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*

Ref.	M	gr.
FTRITR-4-10	**M4**	10,6
FTRITR-5-10	**M5**	13,0
FTRITR-6-10	**M6**	12,0
FTRITR-8-10	**M8**	11,0



El modelo 'Roll-in' permite la inserción de la tuerca en el perfil en 'T' de manera vertical, mediante una sencilla rotación de la misma.

The "Roll-in" model allows you to insert the T-slot nut vertically with a simple turn.

Le modèle 'Roll-in' permet le positionnement de l'écrou dans le profilé en T verticalement par une simple rotation de celui-ci.

O modelo 'Roll-in' permite a inserção da porca no perfil em 'T' de maneira vertical, mediante uma simples rotação da mesma.

Tuerca roll-in en 'T' con bola (16,4x7,0)
T-slot nut with spring loaded ball(16.4x7.0)
Écrou 1/2 lune en T avec bille (16,4x7,0)
Porca roll-in em 'T' com esfera (16,4x7,0)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

Perfil: Acero, sin recubrimiento, sin rosca
Profile: Steel, plain, without thread
Profilé: Acier sans revêtement ni filetage
Perfil: Aço, sem revestimento, sem rosca

Bola: Acero inoxidable (Ø5mm)
Ball: Stainless steel (Ø5mm)
Bille: Acier inoxydable (Ø5mm)
Esfera: Aço inoxidável (Ø5mm)

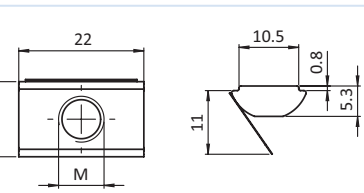
Ref.	M	gr.
FTRITB-4-11	**M4**	13,6
FTRITB-5-11	**M5**	13,2
FTRITB-6-11	**M6**	13,1
FTRITB-8-11	**M8**	12,1
FTRITBP-11-1500	**1.500 mm**	1.015,5

· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.

· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*

· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.

· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*



Tuerca roll-in en 'T' con resorte (13,1x5,3)
Roll-in T-slot nut with sprinf leaf (13.1x5.3)
Écrou 'roll-in' en T sur ressort (13,1x5,3)
Porca roll-in em 'T' com mola (13,1x5,3)

Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

NUEVO NEW NOUVEAU NOVO

Ref.	M	gr.
FTRITR-5-11	**M5**	8,8
FTRITR-6-11	**M6**	8,5
FTRITR-8-11	**M8**	7,8

El modelo 'Roll-in' permite la inserción de la tuerca en el perfil en 'T' de manera vertical, mediante una sencilla rotación de la misma.

The "Roll-in" model allows you to insert the T-slot nut vertically with a simple turn.

Le modèle 'Roll-in' permet le positionnement de l'écrou dans le profilé en T verticalement par une simple rotation de celui-ci.

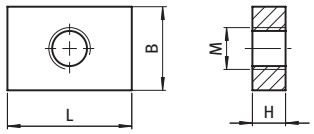
O modelo 'Roll-in' permite a inserção da porca no perfil em 'T' de maneira vertical, mediante uma simples rotação da mesma.

· Otras longitudes, tuercas con múltiples roscas y tuercas con conductividad electroestática bajo consulta.

· *Electrostatically conductive, different lengths with multiple threads in different sizes available on request.*

· Sur demande autres longueurs, écrous avec multiples taraudages et écrous avec conductivité électrostatique.

· *Outros comprimentos, porcas com múltiplas roscas e porcas com condutividade eletrostática, disponíveis sob consulta.*



Tuerca plana
Threaded plate
Plaque filetée
Porca plana

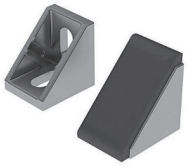
Material: Acero cincado
Material: Zinc plated steel
Matériau: Acier zingué
Material: Aço zincado

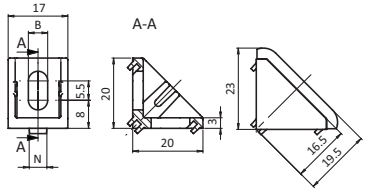
Medidas especiales con una o varias roscas bajo consulta.
Customized dimensions with one or several threads on request.
Sur demande dimensions spéciales ou avec plusieurs filetages.
Medidas especiais com uma ou várias roscas, disponíveis sob consulta.

Ref.	M	LxBxH
FTP-4-9-3	**M4**	9x9x3
FTP-5-9-3	**M5**	9x9x3
FTP-6-9-3	**M6**	9x9x3
FTP-4-9-2,5	**M4**	14x9x2,5
FTP-5-9-2,5	**M5**	14x9x2,5
FTP-5-10-4	**M5**	15x10x4
FTP-6-10-4	**M6**	15x10x4
FTP-6-10-5	**M6**	15x10x5
FTP-4-16-4	**M4**	19x16x4
FTP-5-16-4	**M5**	19x16x4
FTP-6-16-4	**M6**	19x16x4
FTP-8-16-4	**M8**	19x16x4
FTP-4-19-4	**M4**	19x19x4
FTP-5-19-4	**M5**	19x19x4
FTP-6-19-4	**M6**	19x19x4
FTP-8-19-4	**M8**	19x19x4
FTP-6-13-5	**M6**	20x13x5

Ref.	M	LxBxH
FTP-8-13-5	**M8**	20x13x5
FTP-8-14-6	**M8**	20x14x6
FTP-8-18-6	**M8**	20x18x6
FTP-4-20-4	**M4**	20x20x4
FTP-5-20-6	**M5**	20x20x6
FTP-6-20-6	**M6**	20x20x6
FTP-8-20-6	**M8**	20x20x6
FTP-6-15-5	**M6**	22x15x5
FTP-6-12-5	**M6**	25x12x5
FTP-8-18-8	**M8**	30x18x8
FTP-10-20-6	**M10**	30x20x6
FTP-8-25-5	**M8**	30x25x5
FTP-8-25-6	**M8**	30x25x6
FTP-8-30-8	**M8**	32x30x8
FTP-6-30-5	**M6**	35x30x5
FTP-8-43-5	**M8**	43x43x5

ES Escuadras I EN Connection Angles I FR Équerre I PT Esquadros





ES EN FR PT

Canal
Slot
Rainure
Ranhura

≥20

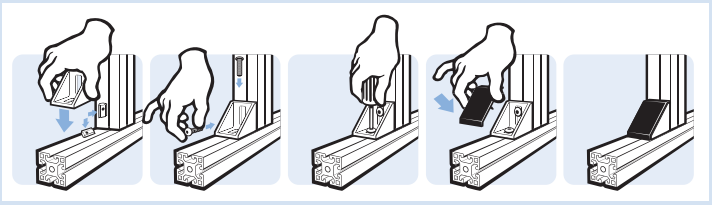
Escuadra 20
Connection angle 20
Équerre de 20
Esquadro 20

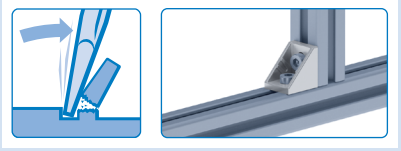
Material: Zamak
Material: Die-cast zinc
Materiau: Zinc injecté
Material: Zamak

Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium
Acabamento: Sem revestimento / Epóxi cor alumínio

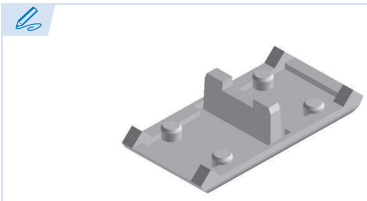
	M	B	· Sin recubrimiento *Plain* Brute *Sem revestimento* Ref.	gr.	· Epoxi color aluminio *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio* Ref.	gr.
-	M6	6,2	FEZ-20 6-BR	13,0	FEZ-20 6-AL	13,2
5	M5	5,5	FEZ-20-5-5-BR	13,2	FEZ-20-5-5-AL	13,6
6	M6	6,2	FEZ-20-6-6-BR	14,0	FEZ-20-6-6-AL	14,2

Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.





Para unir dos perfiles de aluminio en ángulo recto, se puede suministrar con tapa de manera opcional.
To connect two aluminum profiles at right angles. The connection angle can be closed with the cover cap.
Raccordement de profilés en angle droit, possibilité de fournir cache sur demande.
Para unir dois perfis de alumínio em um ângulo reto, pode ser fornecido, opcionalmente, com tampa.

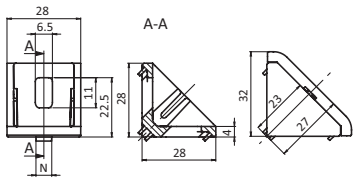


Tapa para escuadra 20
Cover cap for connection angle 20
Cache pour équerre de 20
Tampa para esquadro 20

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

Ref.	gr.
FTEN-20	1,6



(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

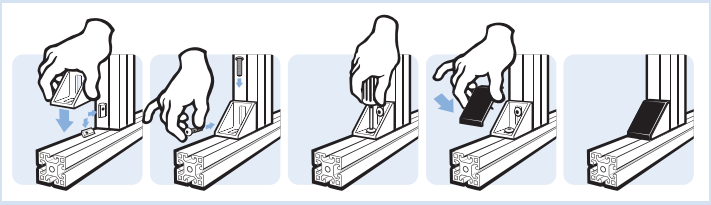
Escuadra 30
Connection angle 30
Équerre de 30
Esquadro 30

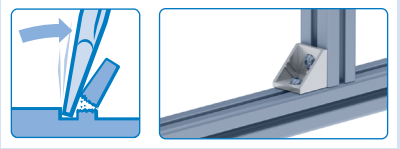
Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium
Acabamento: Sem revestimento / Epóxi cor alumínio

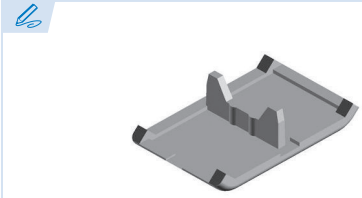
Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.

		· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi color aluminio *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio*	
	M	Ref.	gr.	Ref.	gr.
-	M6	FE2Z-30 6-BR	39,0	FE2Z-30 6-AL	39,4
6	M6	FE2Z-30-6-6-BR	39,4	FE2Z-30-6-6-AL	40,0
8	M6	FE2Z-30-8-6-BR	39,6	FE2Z-30-8-6-AL	40,5





Para unir dos perfiles de aluminio en ángulo recto, se puede suministrar con tapa de manera opcional.
To connect two aluminum profiles at right angles. The connection angle can be closed with the cover cap.
Raccordement de profilés en angle droit, possibilité de fournir cache sur demande.
Para unir dois perfis de alumínio em um ângulo reto, pode ser fornecido, opcionalmente, com tampa..

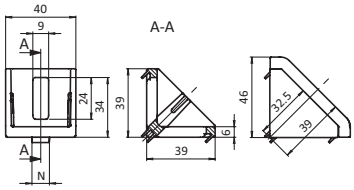


Tapa para escuadra 30
Cover cap for connection angle 30
Cache pour équerre de 30
Tampa para esquadro 30

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

Ref.	gr.
FTE2N-30	5,5



≥40

Escuadra 40
Connection angle 40
Équerre de 40
Esquadro 40

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

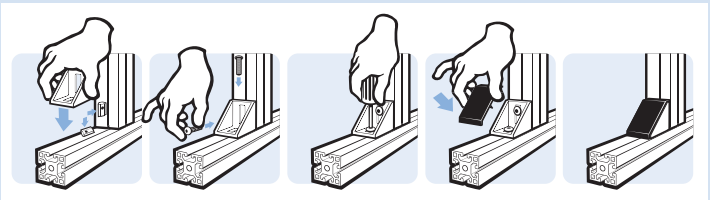
Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium.
Acabamento: Sem revestimento / Epóxi cor alumínio

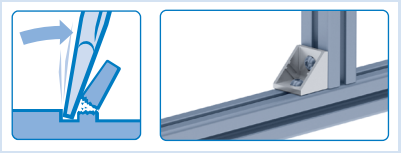
ES EN FR PT

Canal
Slot
Rainure
Ranhura

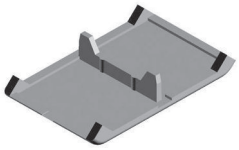
		· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi color aluminio *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio*	
	M	Ref.	gr.	Ref.	gr.
-	M8	FE2Z-40 8-BR	95,9	FE2Z-40 8-AL	97,8
8	M8	FE2Z-40-8-8-BR	98,0	FE2Z-40-8-8-AL	100,0
10	M8	FE2Z-40-10-8-BR	99,0	FE2Z-40-10-8-AL	102,5

Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta





Para unir dos perfiles de aluminio en ángulo recto, se puede suministrar con tapa de manera opcional.
To connect two aluminum profiles at right angles. The connection angle can be closed with the cover cap.
Raccordement de profilés en angle droit, possibilité de fournir cache sur demande.
Para unir dois perfis de alumínio em um ângulo reto, pode ser fornecido, opcionalmente, com tampa..

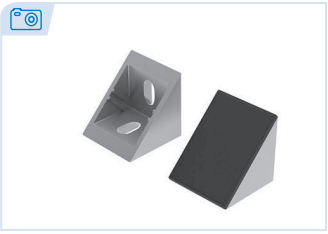


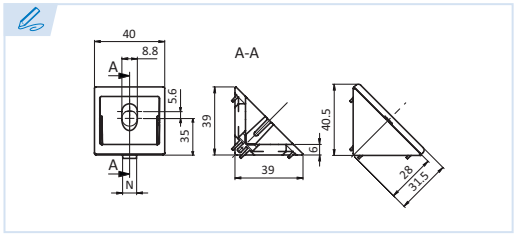
Tapa para escuadra 40
Cover cap for connection angle 40
Cache pour équerre de 40
Tampa para esquadro 40

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

Ref.	gr.
FTE2N-40	11,4





≥40

Escuadra plana 40
Connection angle 40 flat
Équerre plate de 40
Esquadro plano 40

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

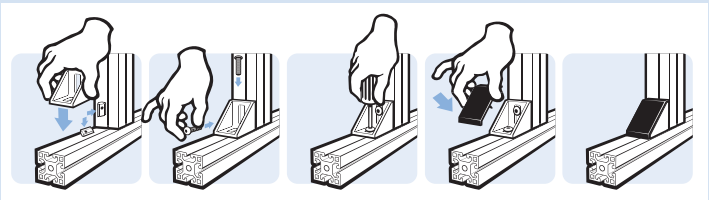
Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium
Acabamento: Sem revestimento / Epóxi cor alumínio

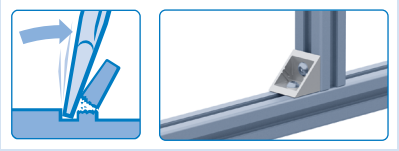
(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

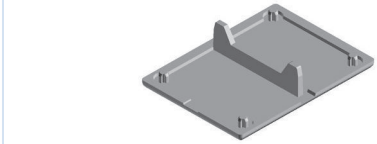
Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.

		· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi color aluminio *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio*	
	M	Ref.	gr.	Ref.	gr.
-	M8	FEZ-40 8-BR	84,6	FEZ-40 8-AL	86,8
8	M8	FEZ-40-8-8-BR	84,0	FEZ-40-8-8-AL	88,0
10	M8	FEZ-40-10-8-BR	87,4	FEZ-40-10-8-AL	90,0





Para unir dos perfiles de aluminio en ángulo recto, se puede suministrar con tapa de manera opcional.
To connect two aluminum profiles at right angles. The connection angle can be closed with the cover cap.
Raccordement de profilés en angle droit, possibilité de fournir cache sur demande.
Para unir dois perfis de alumínio em um ângulo reto, pode ser fornecido, opcionalmente, com tampa.

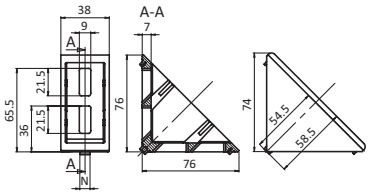


Tapa para escuadra 40 plana
Cover cap for connection angle 40 flat
Cache pour équerre plate de 40
Tampa para esquadro 40 plana

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

Ref.	gr.
FTEN-40	8,0



Escuadra plana 40/80

Connection angle 40/80 flat
Équerre plate de 40/80
Esquadro plano 40/80

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

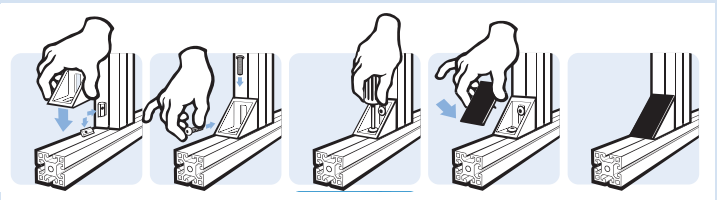
Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium.
Acabamento: Sem revestimento / Epóxi cor alumínio

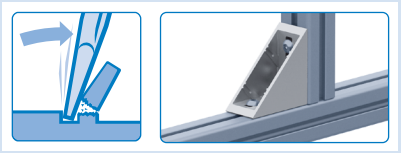
(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

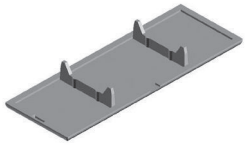
		· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi color aluminio *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio*	
	M	Ref.	gr.	Ref.	gr.
-	M8	FEZ-80 8-BR	267,0	FEZ-80 8-AL	267,5
8	M8	FEZ-80-8-8-BR	269,0	FEZ-80-8-8-AL	270,0
10	M8	FEZ-80-10-8-BR	269,5	FEZ-80-10-8-AL	271,0

Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.





Para unir dos perfiles de aluminio en ángulo recto, se puede suministrar con tapa de manera opcional.
To connect two aluminum profiles at right angles. The connection angle can be closed with the cover cap.
Raccordement de profilés en angle droit, possibilité de fournir cache sur demande.
Para unir dois perfis de alumínio em um ângulo reto, pode ser fornecido, opcionalmente, com tampa.



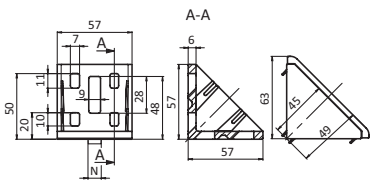
Tapa para escuadra 80

Cover cap for connection angle 80
Cache pour équerre de 80
Tampa para esquadro 80

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

Ref.	gr.
FTEN-80	17,2



(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

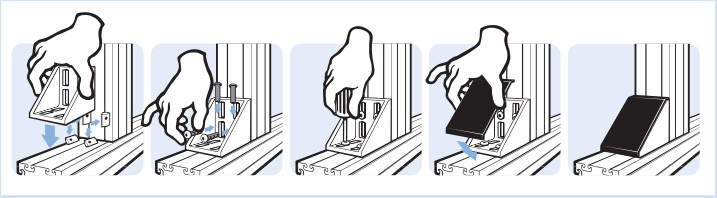
Escuadra 60
Connection angle 60
Équerre de 60
Esquadro 60

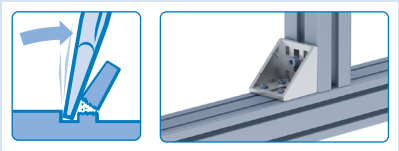
Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium
Acabamento: Sem revestimento / Epóxi cor alumínio

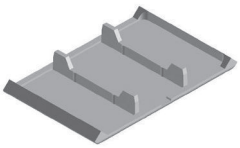
		· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi color aluminio *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio*	
	M	Ref.	gr.	Ref.	gr.
-	M8	FE2Z-60 8-BR	222,0	FE2Z-60 8-AL	224,0
8	M8	FE2Z-60-8-8-BR	225,0	FE2Z-60-8-8-AL	228,0
10	M8	FE2Z-60-10-8-BR	227,0	FE2Z-60-10-8-AL	230,0

Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.





Para unir dos perfiles de aluminio en ángulo recto, se puede suministrar con tapa de manera opcional.
To connect two aluminum profiles at right angles. The connection angle can be closed with the cover cap.
Raccordement de profilés en angle droit, possibilité de fournir cache sur demande.
Para unir dois perfis de alumínio em um ângulo reto, pode ser fornecido, opcionalmente, com tampa.

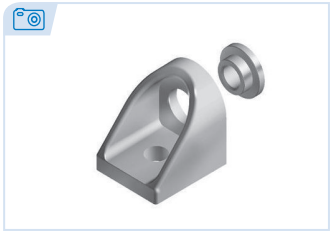


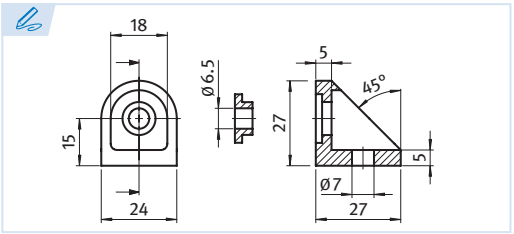
Tapa para escuadra 60
Cover cap for connection angle 60
Cache pour équerre de 60
Tampa para esquadro 60

Material: Nylon PA, reforzado con fibra de vidrio
Material: Nylon PA, glass fibre reinforced
Matériau: Polyamide renforcé de fibre de verre
Material: Nylon PA, reforçado com fibra de vidro

Color: Negro
Colour: Black
Couleur: Noire
Cor: Preto

Ref.	gr.
FTE2N-60	24,6





Escuadra ajustable 30
Adjustable angle 30
Équerre ajustable de 30
Esquadro ajustável 30

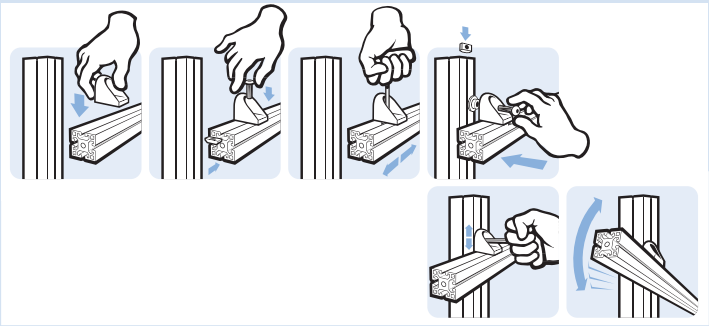
Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Casquillo: Acero cincado
Bushing: Zinc plated steel
Bague: Acier zingué
Casquilho: Aço zincado

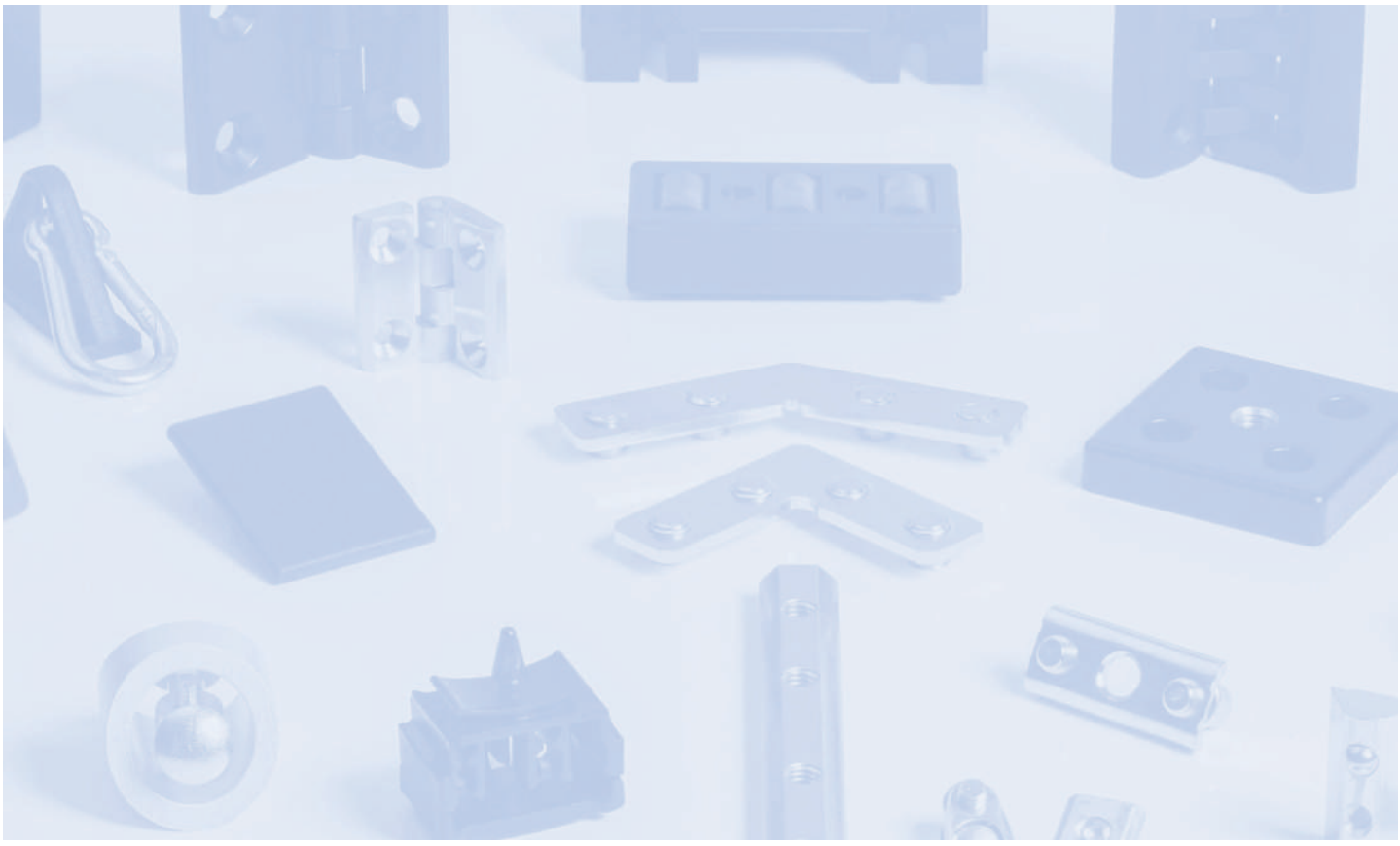
Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium.
Acabamento: Sem revestimento / Epóxi cor alumínio

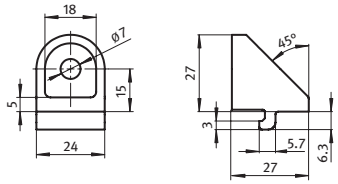
Para unir perfiles en el ángulo deseado. Una vez instalado se puede cambiar el ángulo facilmente.
To connect profiles at various angles. It can be turned freely when mounted.
Raccordement de profilés suivant différents angles. Peut être déplacé librement après montage.
Para unir perfis no ângulo desejado. Uma vez instalado, é possível mudar o ângulo facilmente.

M	· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi color aluminio *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio*	
	Ref.	gr.	Ref.	gr.
M6	FEAZ-30-BR	39,0	FEAZ-30-AL	39,4



Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.





6

Escuadra ajustable 'Clamp' 30
Adjustable angle clamp 30
Équerre de fixation de 30
Esquadro ajustável 'Clamp 30'

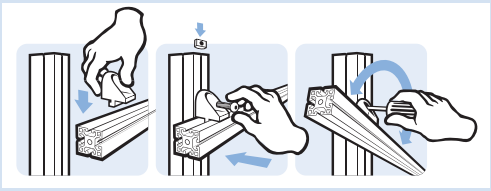
Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium
Acabamento: Sem revestimento / Epóxi cor alumínio

ES EN FR PT

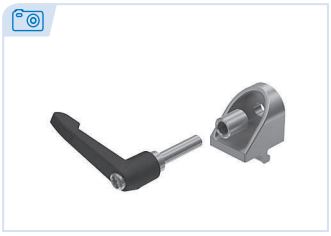
Canal
Slot
Rainure
Ranhura

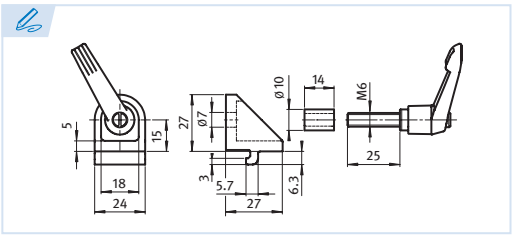
		· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi color aluminio *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio*	
	M	Ref.	gr.	Ref.	gr.
6	M6	FEACZ-30-6-BR	44,0	FEACZ-30-6-AL	44,0



Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.

Para unir perfiles de aluminio de manera rápida y fácil.
To connect aluminum profiles easly and with flexibility.
Raccordement simple et rapide de profilés.
Para unir perfis de alumínio de maneira rápida e fácil.

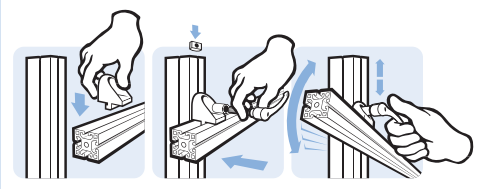




(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

		· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi color aluminio *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio*	
	M	Ref.	gr.	Ref.	gr.
6	M6	FEACEZ-30-6-BR	64,0	FEACEZ-30-6-AL	64,0



6

Escuadra ajustable 'Clamp' 30 con empuñadura graduable
Angle clamp 30 with locking lever
Équerre de fixation de 30 avec poignée de serrage
Esquadro ajustável 'Clamp' 30 com punho graduável

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

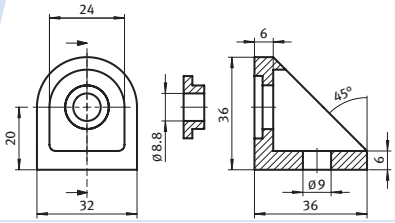
Empuñadura: Nylon PA, reforzado con fibra de vidrio
Locking lever: Nylon PA Glass filled reinforced
Poignée: Polyamide renforcé de fibre de verre
Punho: Nylon PA, reforçado com fibra de vidro

Mecanismo: Acero galvanizado (conforme a RoHS)
Mechanic: Blue-galvanised steel (RoHS conform)
Dispositif: Acier zingué (suivant RoHS)
Mecanismo: Aço galvanizado (conforme a RoHS)

Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium
Acabamento: Sem revestimento / Epóxi cor alumínio

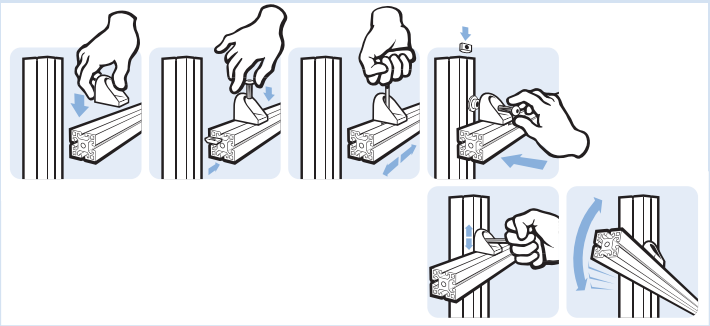
Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.

Para unir perfiles de aluminio de manera rápida y fácil.
To connect aluminum profiles easly and with flexibility.
Raccordement simple et rapide de profilés.
Para unir perfis de alumínio de maneira rápida e fácil.



Para unir perfiles en el ángulo deseado. Una vez instalado se puede cambiar el ángulo facilmente.
To connect profiles at various angles. It can be turned freely when mounted.
Raccordement de profilés suivant différents angles. Peut être déplacé librement après montage
Para unir perfis no ângulo desejado. Uma vez instalado, é possível mudar o ângulo facilmente.

	· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi color aluminio *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio*	
M	**Ref.**	**gr.**	**Ref.**	**gr.**
M8	FEAZ-40-BR	91,0	FEAZ-40-AL	91,0



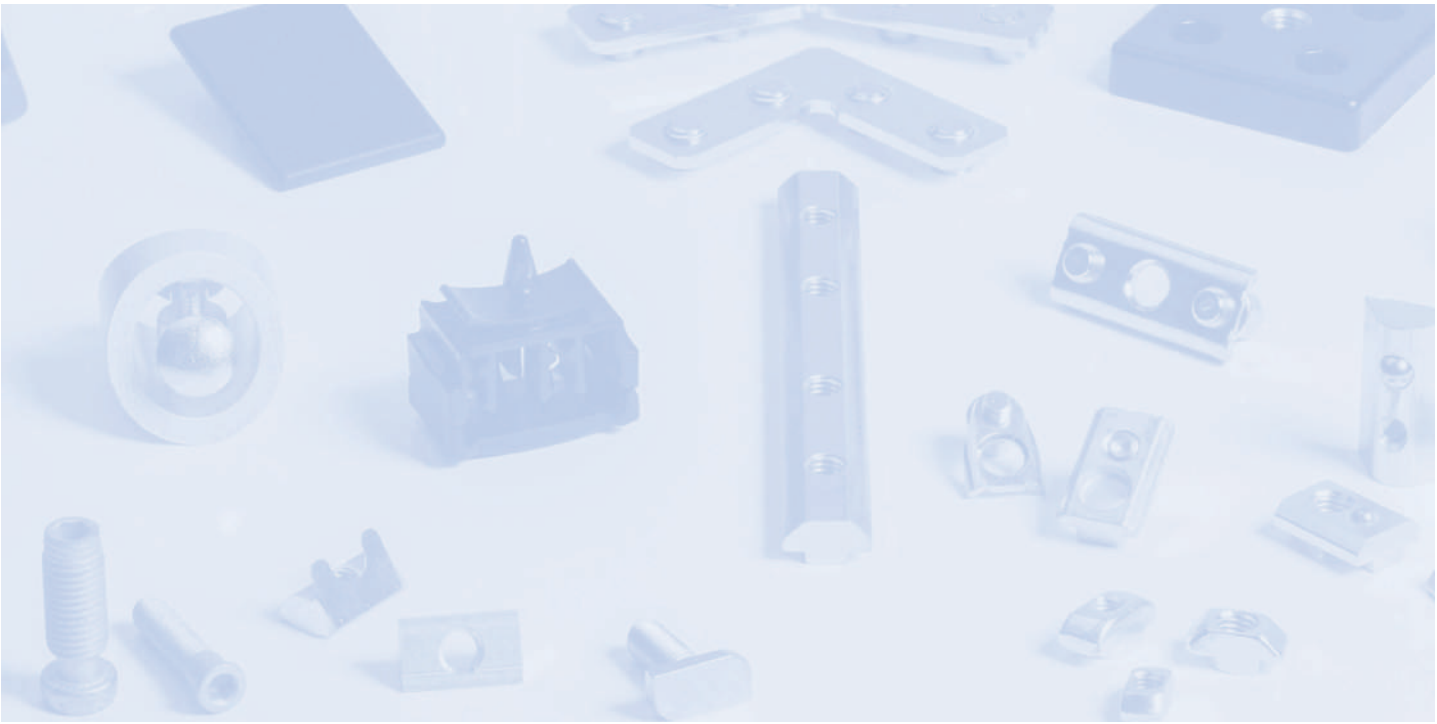
Escuadra ajustable 40
Adjustable angle 40
Équerre ajustable de 40
Esquadro ajustável 40

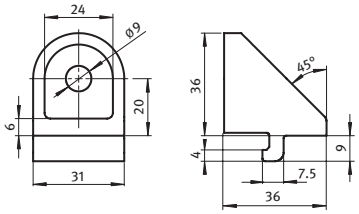
Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Casquillo: Acero cincado
Bushing: Zinc plated steel
Bague: Acier zingué
Casquilho: Aço zincado

Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium
Acabamento: Sem revestimento / Epóxi cor alumínio

Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.





(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

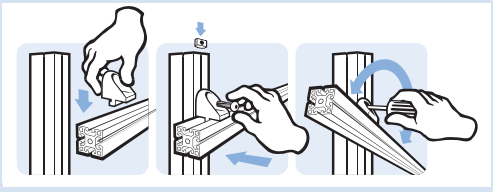
Escuadra ajustable 'Clamp' 40
Adjustable angle clamp 40
Équerre de fixation de 40
Esquadro ajustável 'Clamp' 40

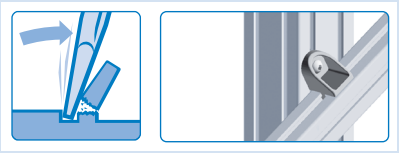
Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium
Acabamento: Sem revestimento / Epóxi cor alumínio

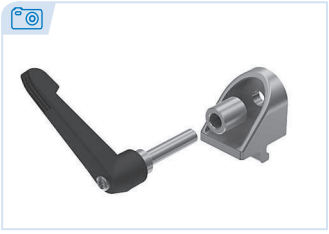
		· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi color aluminio *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio*	
	M	Ref.	gr.	Ref.	gr.
8	M8	FEACZ-40-8-BR	44,0	FEACZ-40-8-AL	44,0

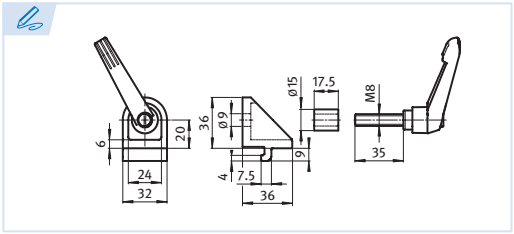
Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.





Para unir perfiles de aluminio de manera rápida y fácil.
To connect aluminum profiles easly and with flexibility.
Raccordement simple et rapide de profilés..
Para unir perfis de alumínio de maneira rápida e fácil.





Escuadra ajustable 'Clamp' 40 con empuñadura graduable
Angle clamp 40 with locking lever
Équerre de fixation de 40 avec poignée de serrage
Esquadro ajustável 'Clamp' 40 com punho graduável 40

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Empuñadura: Nylon PA, reforzado con fibra de vidrio
Locking lever: Nylon PA Glass filled reinforced
Poignée: Polyamide renforcé de fibre de verre
Punho: Nylon PA, reforçado com fibra de vidro

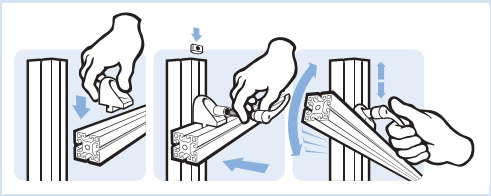
Mecanismo: Acero galvanizado (conforme a RoHS)
Mechanic: Blue-galvanised steel (RoHS conform)
Dispositif: Acier zingué (suivant RoHS)
Mecanismo: Aço galvanizado (conforme a RoHS)

Acabado: Sin recubrimiento / Epoxi color aluminio
Surface: Plain / Alu color powder coated
Finition: Brute / Revêtement teinté aluminium
Acabamento: Sem revestimento / Epóxi cor alumínio

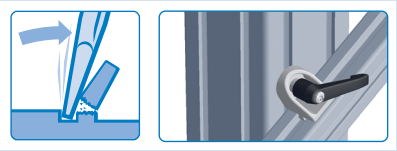
(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

		· **Sin recubrimiento** *Plain* Brute *Sem revestimento*		· **Epoxi color aluminio** *Alu color powder coated* Revêtement teinté aluminium *Epóxi cor alumínio*	
	M	Ref.	gr.	Ref.	gr.
8	M8	FEACEZ-40-8-BR	154,0	FEACEZ-40-8-AL	154,0

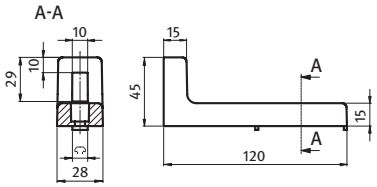


Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.



Para unir perfiles de aluminio de manera rápida y fácil.
To connect aluminum profiles easly and with flexibility.
Raccordement simple et rapide de profilés.
Para unir perfis de alumínio de maneira rápida e fácil.

(ES) Escuadras de Suelo I (EN) Floor Brackets I (FR) Fixation au Sol I (PT) Esquadros de Solo



(ES) (EN) (FR) (PT)

Canal
Slot
Rainure
Ranhura

≥30

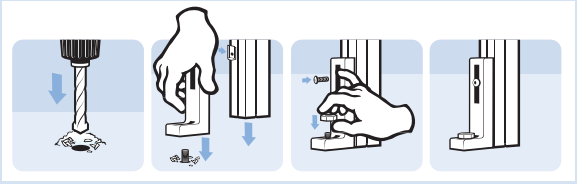
Escuadra de suelo 120
Floor bracket 120
Équerre pour fixation au sol 120
Esquadro de solo 120

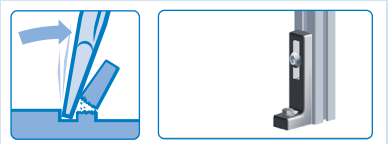
Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Acabado: Sin recubrimiento / Epoxi negro
Surface: Plain / Black powder coated
Finition: Brute / Revêtement teinté aluminium
Acabamento: Sem revestimento / Epóxi preto

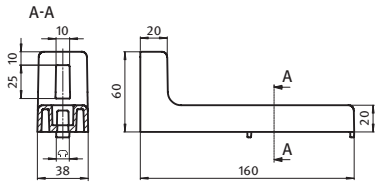
		· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi negro *Black powder coated* Epoxy noir *Epóxi preto*	
	M	Ref.	gr.	Ref.	gr.
6	M6	FEFSZ-120-6-BR	190,0	FEFSZ-120-6-N	190,0
8	M6	FEFSZ-120-8-BR	190,0	FEFSZ-120-8-N	190,0
10	M6	FEFSZ-120-10-BR	190,0	FEFSZ-120-10-N	190,0

Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.





Para fijar perfiles de aluminio al suelo.
To securely fix aluminum profiles to the floor.
Fixation au sol de profilés.
Para fixar perfis de alumínio ao solo.



ES EN FR PT

Canal
Slot
Rainure
Ranhura

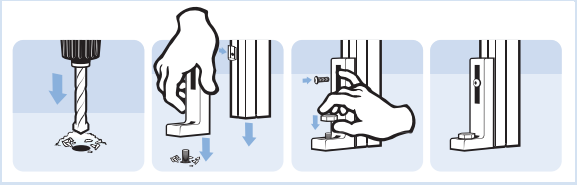
Escuadra de suelo 160
Floor bracket 160
Équerre pour fixation au sol 160
Esquadro de solo 160

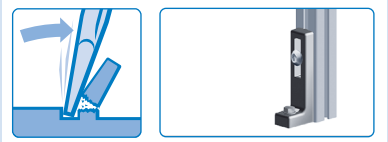
Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Acabado: Sin recubrimiento / Epoxi negro
Surface: Plain / Black powder coated
Finition: Brute / Revêtement teinté aluminium
Acabamento: Sem revestimento / Epóxi preto

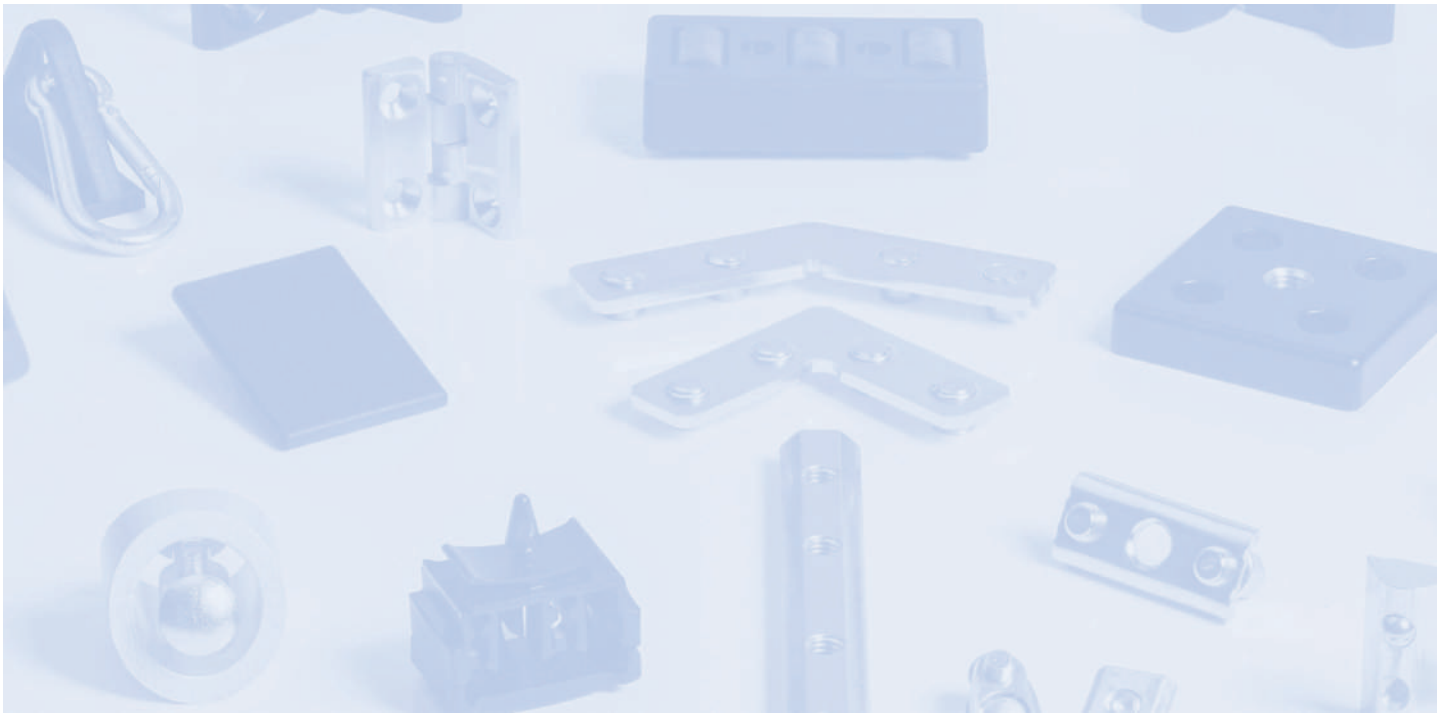
		· Sin recubrimiento *Plain* Brute *Sem revestimento*		· Epoxi negro *Black powder coated* Epoxy noir *Epóxi preto*	
	M	Ref.	gr.	Ref.	gr.
8	M8	FEFSZ-160-8-BR	110,0	FEFSZ-160-8-N	110,0
10	M8	FEFSZ-160-10-BR	110,0	FEFSZ-160-10-N	110,0

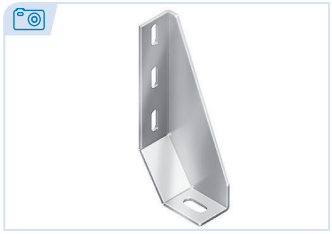
Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.

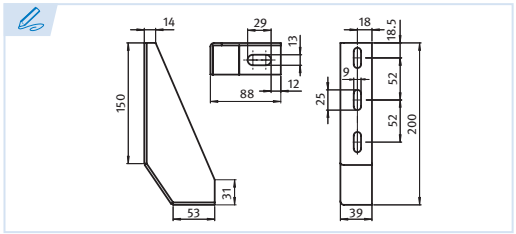




Para fijar perfiles de aluminio al suelo.
To securely fix aluminum profiles to the floor.
Fixation au sol de profilés.
Para fixar perfis de alumínio ao solo.







Escuadra de suelo 200
Floor Bracket 200
Équerre pour fixation au sol 200
Esquadro de solo 200

Material: Acero
Material: Steel
Matériau: Acier
Material: Aço

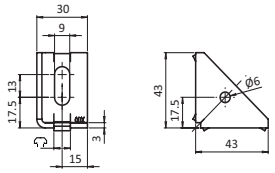
Acabado: Cincado / Epoxi negro
Surface: Zinc plated / Black powder coated
Finition: Acier zingué / Epoxy noir
Acabamento: Zincado / Epóxi preto

gr.	· Cincado *Zinc plated* Zingué *Zincado* Ref.	· Epoxi negro *Black powder coated* Epoxy noir *Epóxi preto* Ref.
456,0	FEFSA-87-200-42	FEFSA-87-200-42-ZN

Para fijar perfiles de aluminio de forma segura al suelo.
To securely fix aluminum profiles to the floor.
Fixation rigide de profilés aluminium au sol.
Para fixar perfis de alumínio de forma segura ao solo..

Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.

ES Ángulos de Conexión I EN Connection Angles I FR Raccords d'Angle I PT Ângulos de Conexão



≥30

Ángulo de conexión 30/45
Connection Angle 30/45
Raccord d'angle 30/45
Ângulo de conexão 30/45

Material: Acero
Material: Steel
Matériau: Acier
Material: Aço

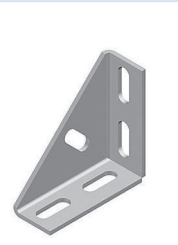
Acabado: Cincado
Surface: Zinc plated
Finition: Acier zingué
Acabamento: Zincado

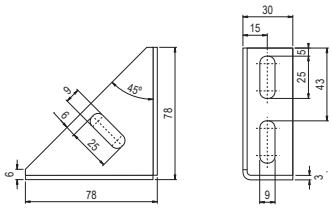
ES EN FR PT

Canal
Slot
Rainure
Ranhura

Ref.		gr.
FACA-43-43-30	-	41,0
FACA-43-43-30-10	**10**	61,4

Para unir dos perfiles de aluminio en ángulo recto.
To connect two aluminum profiles at right angles.
Raccordement de deux profilés d'aluminium en angle droit.
Para unir dois perfis de alumínio em um ângulo reto.





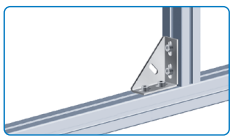
≥30

Ángulo de conexión 30/80
Connection Angle 30/80
Raccord d'angle 30/80
Ângulo de conexão 30/80

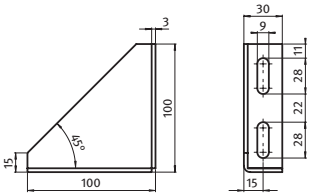
Material: Acero
Material: Steel
Matériau: Acier
Material: Aço

Acabado: Cincado
Surface: Zinc plated
Finition: Acier zingué
Acabamento: Zincado

Ref.	gr.
FACA-78-78-30	139,0



Para unir dos perfiles de aluminio en ángulo recto.
To connect two aluminum profiles at right angles.
Raccordement de deux profilés d'aluminium en angle droit.
Para unir dois perfis de alumínio em um ângulo reto..



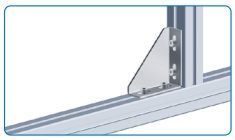
≥30

Ángulo de conexión 30/100
Connection Angle 30/100
Raccord d'angle 30/100
Ângulo de conexão 30/100

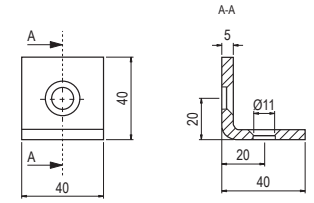
Material: Acero
Material: Steel
Matériau: Acier
Material: Aço

Acabado: Cincado
Surface: Zinc plated
Finition: Acier zingué
Acabamento: Zincado

Ref.	gr.
FACA-100-100-30	232,0



Para unir dos perfiles de aluminio en ángulo recto.
To connect two aluminum profiles at right angles.
Raccordement de deux profilés d'aluminium en angle droit.
Para unir dois perfis de alumínio em um ângulo reto.



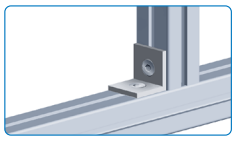
≥40

Ángulo de conexión 40
Connection Angle 40
Raccord d'angle 40
Ângulo de conexão 40

Material: Acero
Material: Steel
Matériau: Acier
Material: Aço

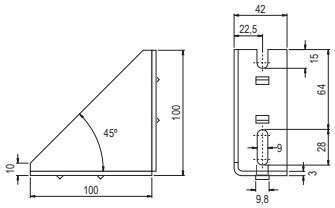
Acabado: Cincado / Epoxi negro
Surface: Blue zinc plated / Black powder coated
Finition: Acier zingué / Epoxy noir
Acabamento: Zincado / Epóxi preto

gr.	· Cincado *Zinc plated* Zingué *Zincado* Ref.	· Epoxi negro *Black powder coated* Epoxy noir *Epóxi preto* Ref.
102,0	FACA-40-40-40	FACA-40-40-40-ZN



Para unir dos perfiles de aluminio en ángulo recto.
To connect two aluminum profiles at right angles.
Raccordement de deux profilés d'aluminium en angle droit.
Para unir dois perfis de alumínio em um ângulo reto.

Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.



ES EN FR PT

Canal
Slot
Rainure
Ranhura

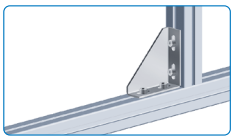
Ref.		gr.
FACA-100-100-40	-	278,9
FACA-100-100-40-10	**10**	277,2

≥45

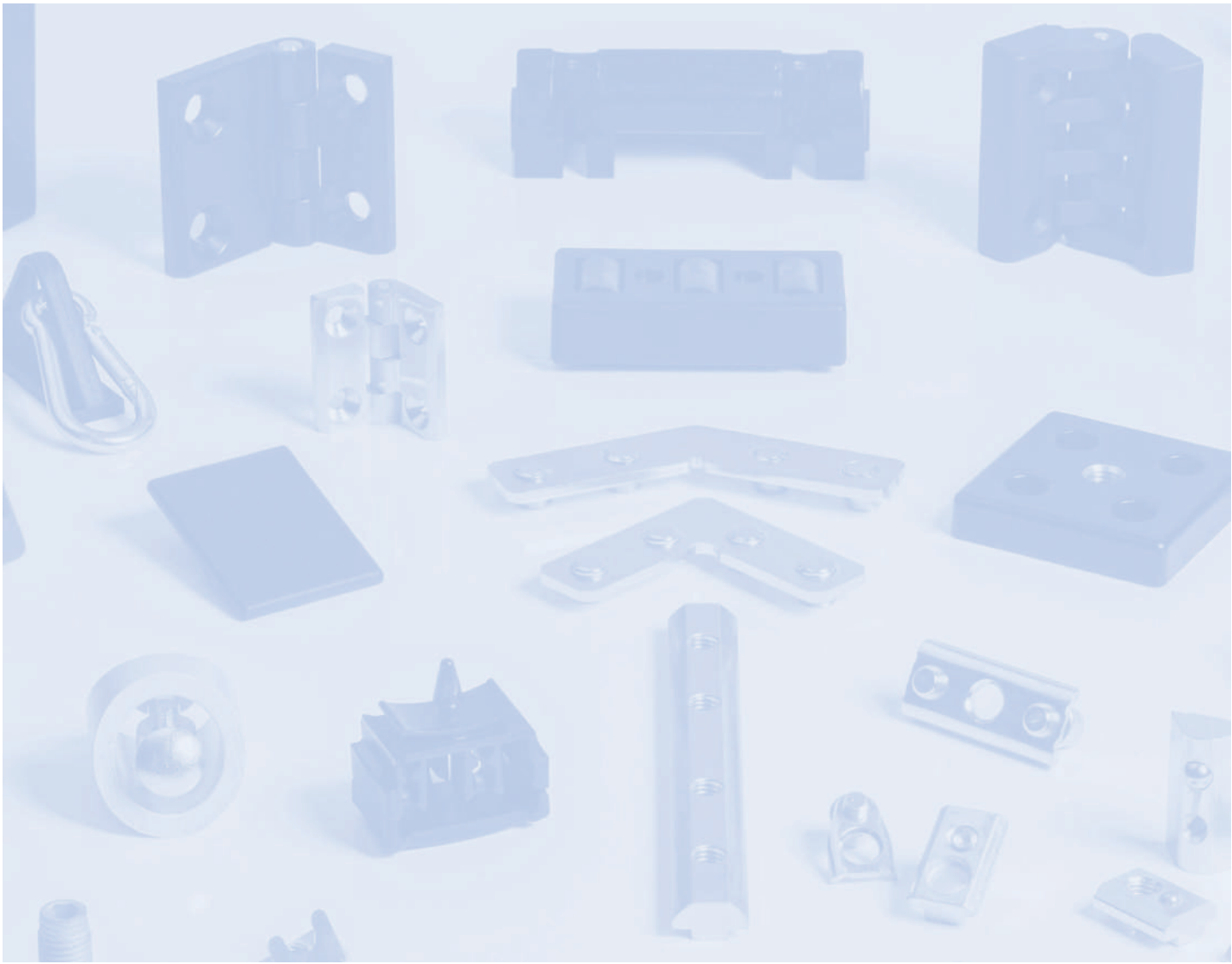
Ángulo de conexión 45/100
Connection Angle 45/100
Raccord d'angle 45/100
Ângulo de conexão 45/100

Material: Acero
Material: Steel
Matériau: Acier
Material: Aço

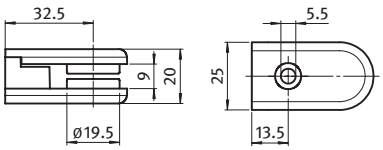
Acabado: Cincado
Surface: Zinc plated
Finition: Acier zingué
Acabamento: Zincado



Para unir dos perfiles de aluminio en ángulo recto.
To connect two aluminum profiles at right angles.
Raccordement de deux profilés d'aluminium en angle droit.
Para unir dois perfis de alumínio em um ângulo reto.



ES Conectores I EN Connectors I FR Connecteurs I PT Conectores



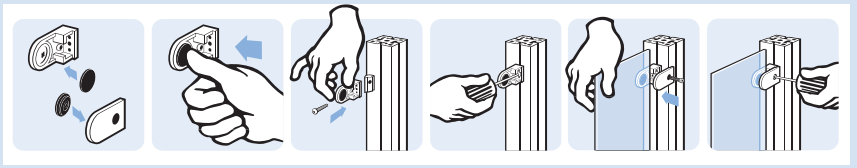
Brida para panel / vidrio
Glass panel clamp
Fixation pour panneaux vitrés
Flange para painel / vidro

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

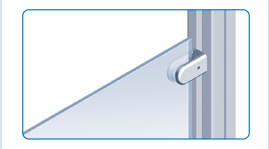
Acabado: Epoxi color aluminio
Surface: Alu color powder coated
Finition: Epoxy couleur aluminium
Acabamento: Epóxi cor alumínio

Kit de montaje: 1x tornillo M5x16, 5x almohadillas de caucho para paneles 2 - 9 mm.
Installation set: 1x screw M5x16, 5x rubber pads for panels 2 - 9 mm.
Kit d'assemblage: 1 vis M5X16, 5 tampons en caoutchouc pour panneaux de 2 - 9 mm.
Kit de montagem: 1x parafuso M5x16, 5x almofadas de borracha para painéis 2 - 9 mm.

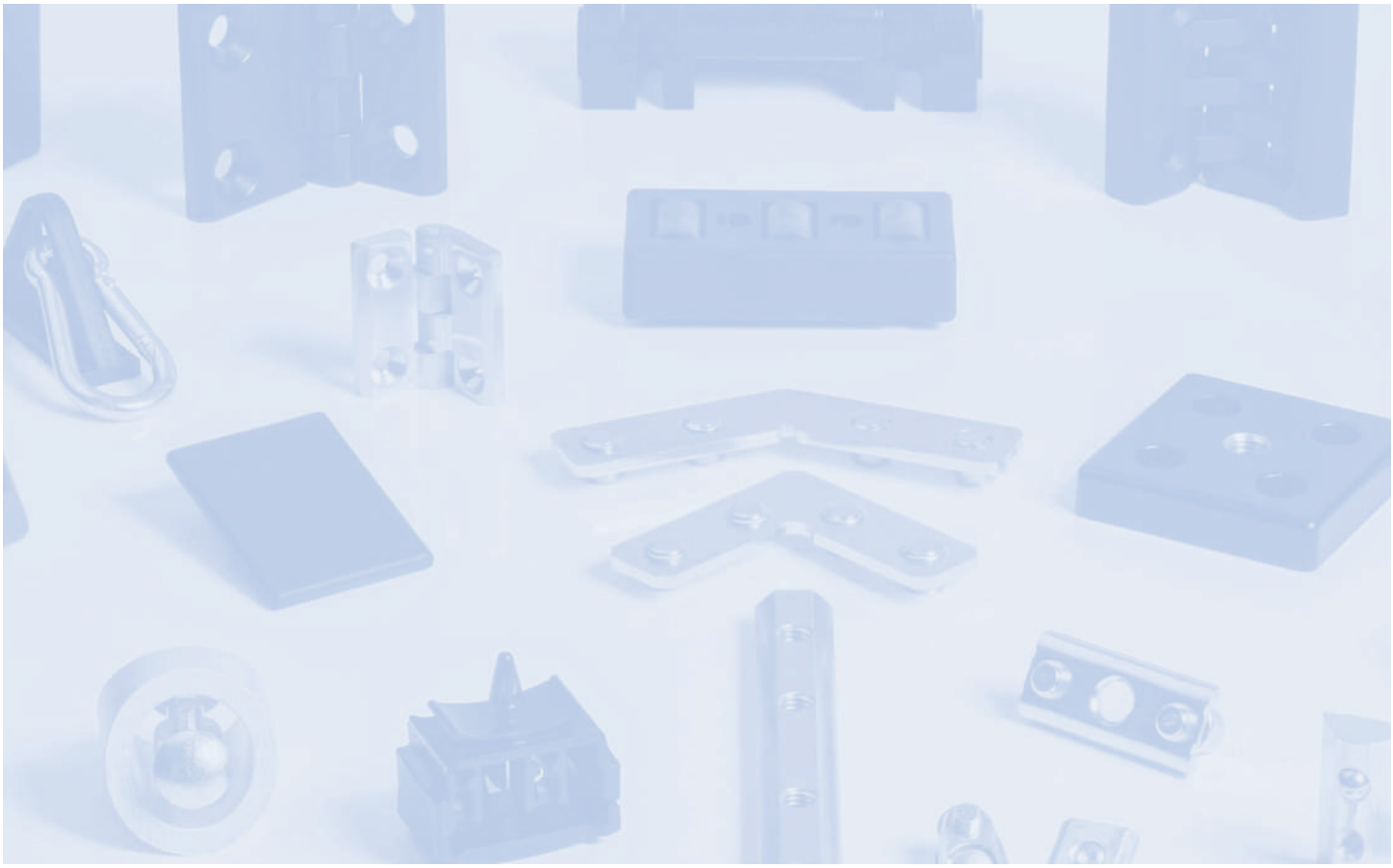
Ref.	gr.
FBRPZ-5	74,0

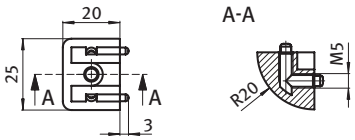


Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.



Para fijar vidrio y paneles.
To fix glass and other panels.
Fixation de vitres et de panneaux.
Para fixar vidro e painéis.





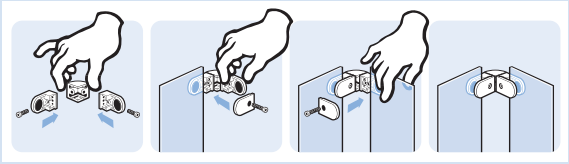
Conector de ángulo para brida panel
Corner connection for panel clamp
Fixation d'angle pour panneaux vitrés
Conector de ângulo para flange de painel

Material: Zamak
Material: Die-cast zinc
Matériau: Zinc injecté
Material: Zamak

Acabado: Epoxi color aluminio
Surface: Alu color powder coated
Finition: Epoxy couleur aluminium
Acabamento: Epóxi cor alumínio

Kit de montaje: 2x tornillos M5x12
Installation Set: 2x screws M5x12
Kit d'assemblage: 2 vis M5X12
Kit de montagem: 2x parafusos M5x12

Ref.	gr.
FBRPCZ-5	37,0



Otros acabados y colores bajo consulta.
Other surfaces, other colors on request.
Autres surfaces et revêtements sur demande.
Outros acabamentos e cores disponíveis sob consulta.

Para realizar un ángulo recto con dos paneles mediante dos bridas para panel/vidrio (2 juegos).
To make a corner connection with two panels using two glass panel clamps (2 kits).
Assemblage en angle droit de deux panneaux vitrés à l'aide de deux fixations d'angle (2 jeux).
Para realizar um ângulo reto com dois painéis mediante dois flanges para painel/vidro (2 jogos).