Structural system XF

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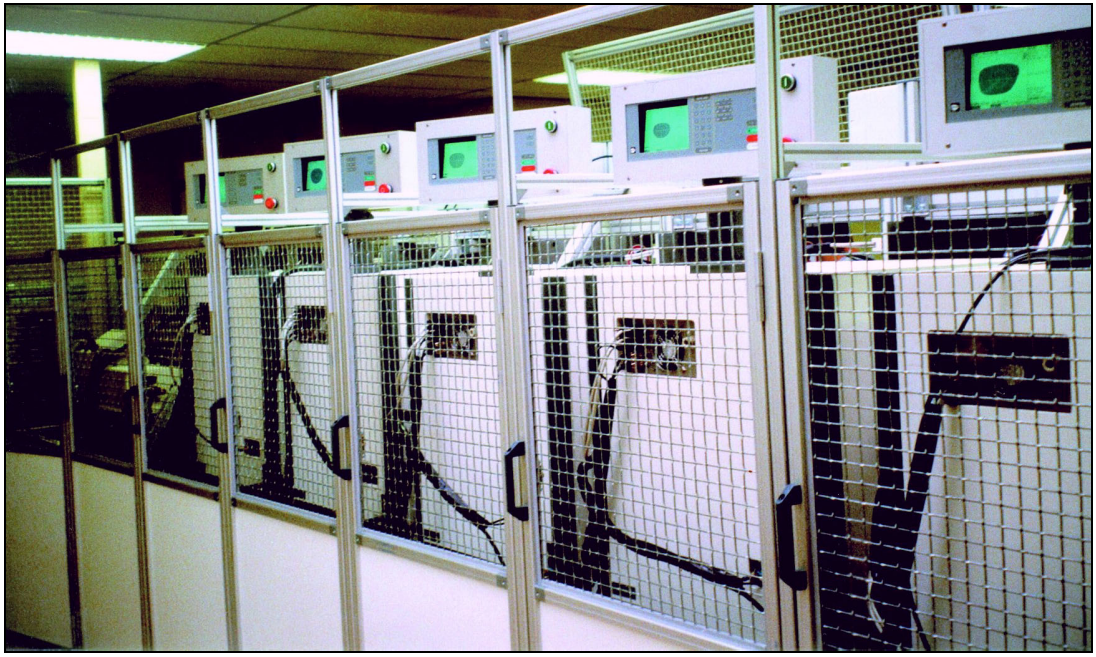
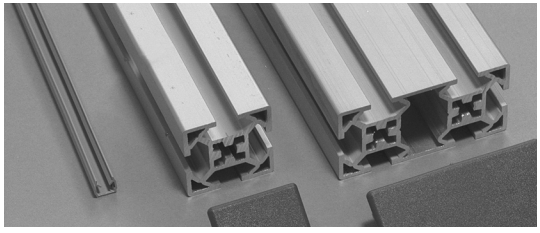
System information



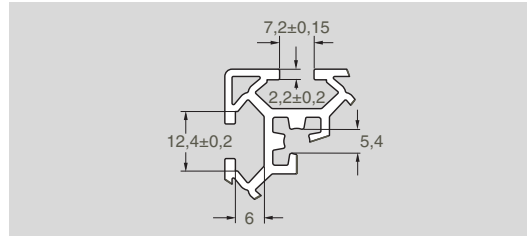
Features



The XF system includes two basic beam types:

- support beams (XFBM) in cross-sectional dimensions 30 mm × 30 mm and 30 mm × 60 mm
- several enclosure beams (XFEB) intended for enclosure frameworks.

T-slot dimensions



All support beams have holes for M6 screws in the corners for connecting mounting plates, end plates etc. Always use roller threading to ensure a reliable screw connection.

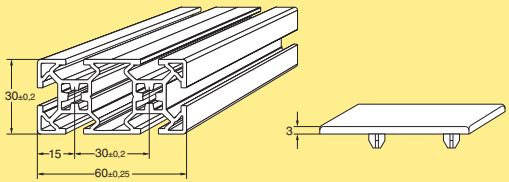
Beams XF

Beam specifications

Beam type	Cross-section mm^2	Weight kg/m	I_x mm^4 $\times10^4$	I_y mm^4 $\times10^4$	W_x mm^3 $\times10^3$	W_y mm^3 $\times10^3$
XFBM ..×30	345	0,93	3,00	3,00	2,00	2,00
XFBM ..×30×60	582	1,57	21,3	5,29	7,11	3,53
XFEB ..×30	342	0,92	2,99	2,99	1,99	1,99
XFEB ..×30 T3	340	0,91	2,92	3,01	1,95	2,00
XFEB ..×30 T2	340	0,91	2,94	2,94	1,96	1,96

Support beams

Support beam 30×60

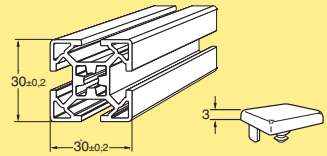


Beam 30 mm × 60 mm
Aluminium, anodized
Length 3 m (3030 ±5 mm) **XFBM 3×30×60**
Length to order (30- 3000 mm) **XFBM L×30×60**

End cap, polyamide, grey **XFBE 30×60***

T-slot dimensions: See page 491.
Beam weight: 1,57 kg/m
**Note. Contains 10 pcs.*

Support beam 30×30

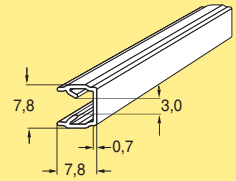


Beam 30 mm × 30 mm
Aluminium, anodized
Length 3 m (3030 ±5 mm) **XFBM 3×30**
Length to order (30- 3000 mm) **XFBM L×30**

End cap, polyamide, grey **XFBE 30***

T-slot dimensions: See page 491.
Beam weight: 0,93 kg/m
**Note. Contains 10 pcs.*

Cover strip



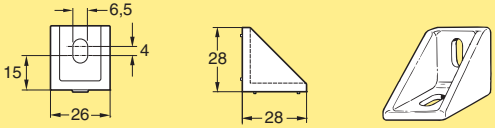
Cover strip for T-slot
Length 3 m
Polyvinyl chloride, grey **XFAC 3 T**

Beams for enclosures

FLexLink beams for enclosures: see page 494.

Connectors XF

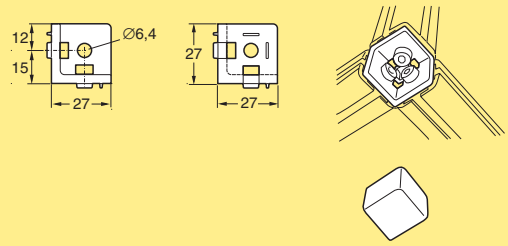
Angle bracket, die-cast, 28×28×26



Angle bracket
Aluminium, die-cast **XFFA 30 A**

Mounting: MLC6S 6×12 (2), BRB 6.4×12 (2), XFAN 6 (2)

Angle bracket for corners, die-cast

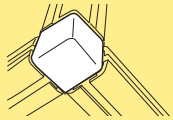


Angle bracket for corners
Zinc, die-cast **XFFA 30 C**

Mounting: MC6S-TT 6×30 (3)

 © FlexLink 2026

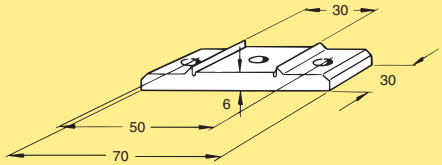
End cap for corner bracket



End cap for corner bracket
Polyamide **XFBE 30 C***

Note. Use XFEE 30 C when XFFA 30 C is used with enclosure beams. See page 494.
**Note. Contains 10 pcs.*

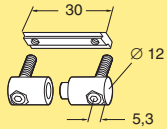
Mounting plate 30×70



Mounting plate for beam XFBM ..x30
Aluminium, anodized **XFFB 30**

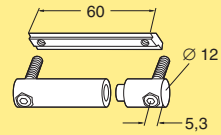
Mounting: MC6S 6×14 (2), BRB 6.4×12 (2), XFAN 6 (2) and MF6S 6×30

Fastener yoke 30 mm



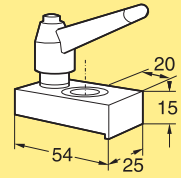
Fastener yoke assembly
Length 30 mm **XFAF 30**

Fastener yoke 60 mm



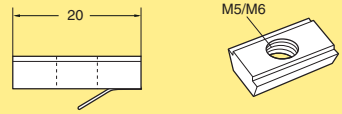
Fastener yoke assembly
Length 60 mm **XFAF 60**

Drill fixture



Drill fixture for fastener yokes (Ø12,2 mm) **XFAD 12**

T-slot nut for System XF T-slot

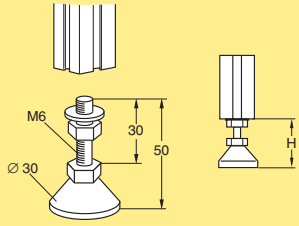


T-slot nut for XF
Steel, zinc-chromated

M5, multipack (10 pcs)	**XFAN 5 Q10**
multipack (100 pcs)	**XFAN 5 Q100**
multipack (250 pcs)	**XFAN 5 Q250**
M6, multipack (10 pcs)	**XFAN 6 Q10**
multipack (100 pcs)	**XFAN 6 Q100**
multipack (250 pcs)	**XFAN 6 Q250**

Feet XF

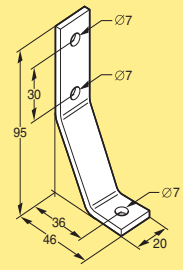
Adjustable foot M6



Adjustable foot
H=28–36 mm
Steel, electro-zinc-plated
M6 thread **XFFS 6×30**

Maximum vertical load 400 N

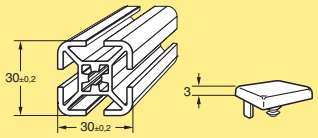
Floor attachment bracket



Floor attachment bracket
Stainless steel **XFFA 100 S**

Including the necessary mounting hardware

Enclosure beam 30×30, four T-slots

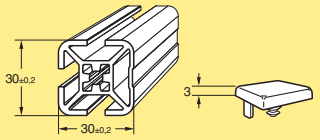


Enclosure profile, square section
30 mm × 30 mm, four T-slots
Aluminium, anodized

Length 3 m (3030 ±5 mm)	**XFEB 3×30**
Length to order (30- 3000 mm)	**XFEB L×30**
End cap, polyamide, grey	**XFEE 30***

With standard XF T-slots and hole for M6
Beam weight: 0,92 kg/m
**Note. Contains 10 pcs.*

Enclosure beam 30×30, three T-slots

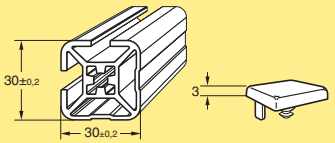


Enclosure profile, square section
30 mm × 30 mm, three T-slots
Aluminium, anodized

Length 3 m (3030 ±5 mm)	**XFEB 3×30 T3**
Length to order (30- 3000 mm)	**XFEB L×30 T3**
End cap, polyamide, grey	**XFEE 30***

With standard XF T-slots and hole for M6
Beam weight: 0,91 kg/m
**Note. Contains 10 pcs.*

Enclosure beam 30×30, two T-slots

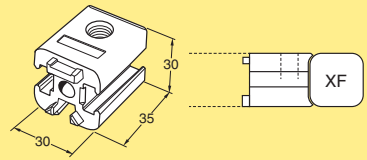


Enclosure profile, square section
30 mm × 30 mm, two T-slots
Aluminium, anodized

Length 3 m (3030 ±5 mm)	**XFEB 3×30 T2**
Length to order (30- 3000 mm)	**XFEB L×30 T2**
End cap, polyamide, grey	**XFEE 30***

With standard XF T-slots and hole for M6
Beam weight: 0,91 kg/m
**Note. Contains 10 pcs.*

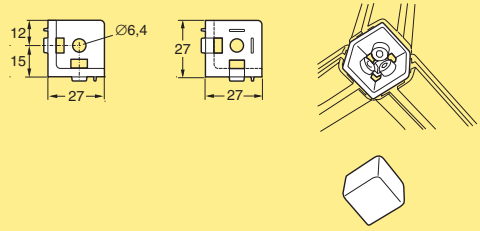
Enclosure connector kit



Enclosure connector kit
Zinc, die-cast **XFEF 30**

Including the necessary mounting hardware

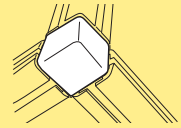
Angle bracket for corners



Angle bracket for corners
Zinc, die-cast **XFFA 30 C**

Mounting: MC6S-TT 6×30 (3)

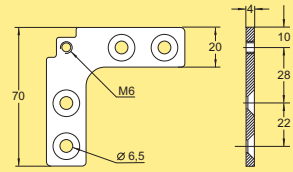
End cap



End cap for corner bracket when used with enclosure beams
Polyamide **XFEE 30 C**

Note. Contains 10 pcs.

Corner bracket

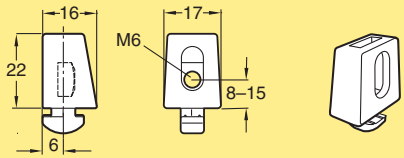


Corner bracket, four-pack kit
Aluminium **5053010**

Including the necessary mounting hardware

 © FlexLink 2026

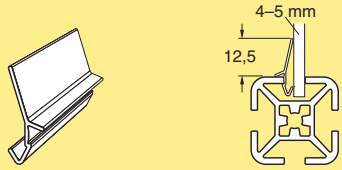
Multiblock



Multiblock
Polyamide **XFAM 6**

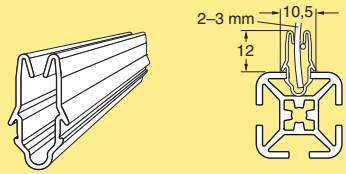
Including M6 square nut

Rim strip



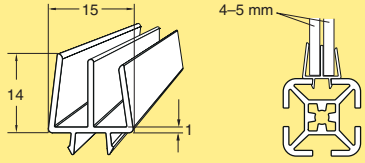
Rim strip
Length 3 m
Polyvinyl chloride, grey **XFET 3 A**

Net strip



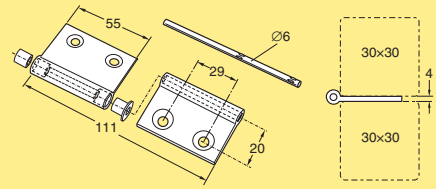
Net strip
Length 3 m
Polyvinyl chloride, grey **XFET 3 C**

Sliding door profile



Sliding door profile
Length 3 m
Polyvinyl chloride, grey **XFET 3 D**

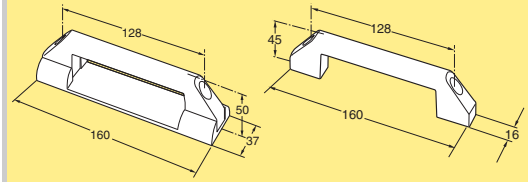
Hinge kit XF–XF



Hinge kit XF–XF
Aluminium **XFAH 110 B**

Including the necessary mounting hardware

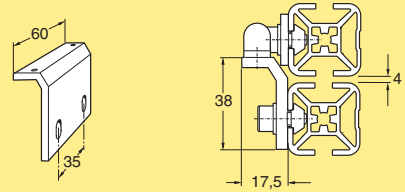
Handle assembly XC/XF, polyamide



Handle assembly
Polyamide **XDEH 160**

Including adapter plate for XC
Mounting XF: MC6S 5×12 (2), XFAN 5 (2)

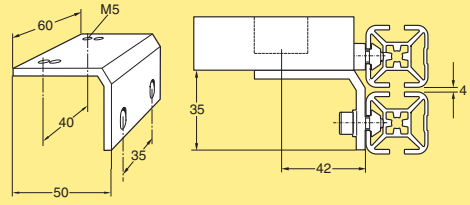
Ball latch lock kit XF–XF



Ball latch lock kit
Aluminium, anodized **XFEL 60 B**

Including ball latch and the necessary mounting hardware

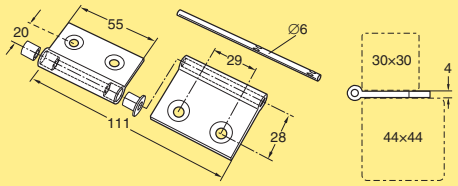
Safety switch bracket kit XF–XF



Safety switch bracket kit
Aluminium, anodized **XFEL 60 W**

Including the necessary mounting hardware. For safety switches Schmersal AZ 15/16-B1 and Guardmaster Trojan 5 (not included).

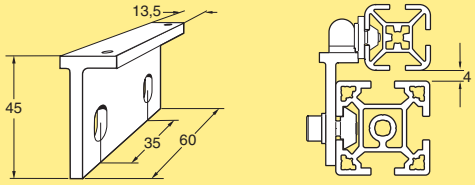
Hinge kit XF–XC



Hinge kit XF–XC
Aluminium, anodized **XFAH 110 A**

Including the necessary mounting hardware

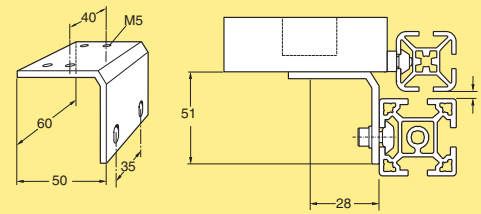
Ball latch lock kit XF–XC



Ball latch lock kit
Aluminium, anodized **XFEL 60 BA**

Including ball latch and the necessary mounting hardware

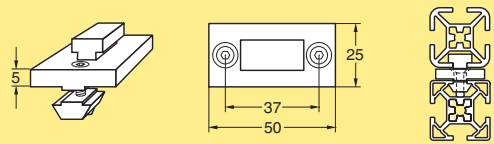
Safety switch bracket kit XF–XC



Safety switch bracket kit
Aluminium, anodized **XFEL 60 WA**

Including the necessary mounting hardware. For safety switches Schmersal AZ 15/16-B1 and Guardmaster Trojan 5 (not included).

Sliding element for T-slot



Sliding element for T-slot
UHMW-PE **XFLB 25×50**

Including screws and nut

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