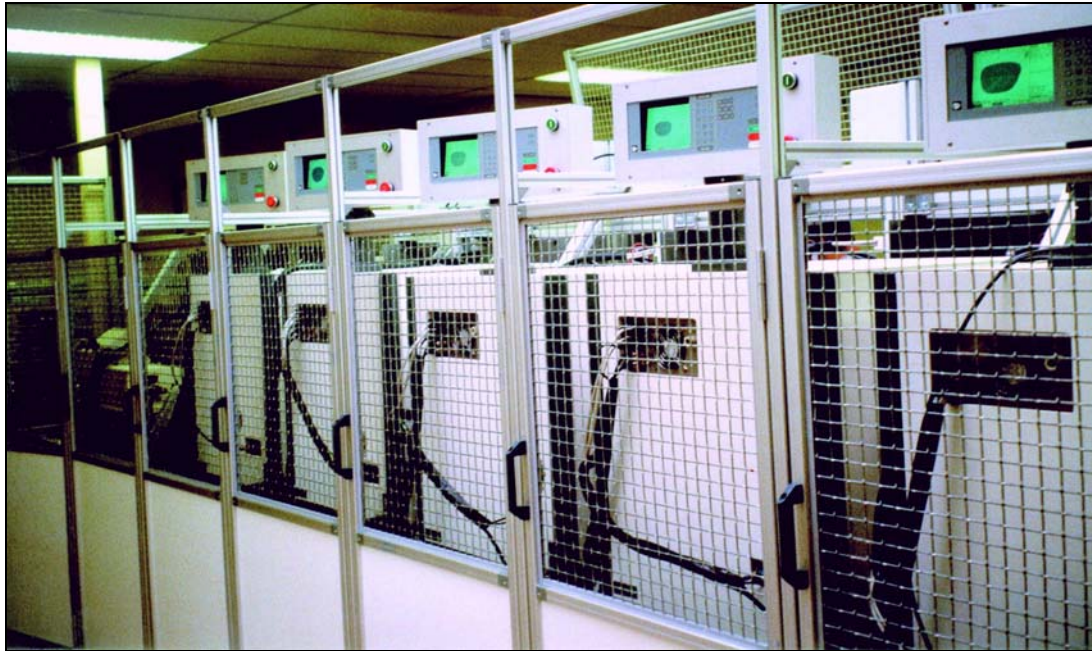


Structural system XF

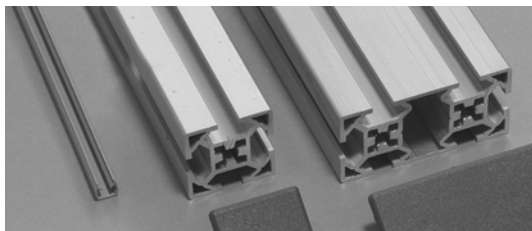
Contents

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Beams XF.....	440	Enclosure components XF.....	442
Connectors XF.....	440		

System information



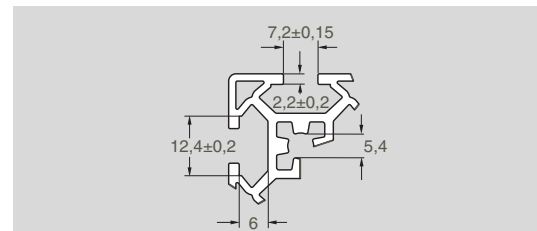
Features



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.

- PO
- CC
- X45
- XS
- X65
- X65P
- X85
- X85P
- XH
- XK
- XKP
- X180
- X300
- GR
- CS
- XT
- WL
- WK
- XC
- XF**
- XD
- ELV
- CTL
- FST
- TR
- APX
- IDX

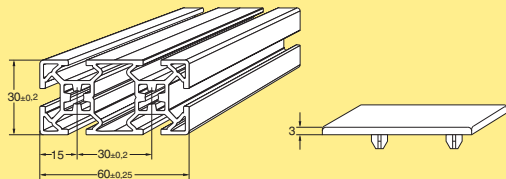
Beams XF

Beam specifications

Beam type	Cross-section mm ²	Weight kg/m	I_x mm ⁴ $\times 10^4$	I_y mm ⁴ $\times 10^4$	W_{x_3} mm ³ $\times 10^3$	W_{y_3} mm ³ $\times 10^3$
XFBM ..x30	345	0,93	3,00	3,00	2,00	2,00
XFBM ..x30x60	582	1,57	21,3	5,29	7,11	3,53
XFEB ..x30	342	0,92	2,99	2,99	1,99	1,99
XFEB ..x30 T3	340	0,91	2,92	3,01	1,95	2,00
XFEB ..x30 T2	340	0,91	2,94	2,94	1,96	1,96

Support beams

Support beam 30x60



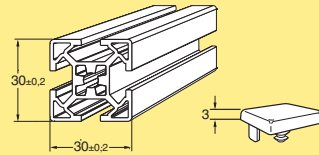
Beam 30 mm × 60 mm
Aluminium, anodized
Length 3 m (3030 ±5 mm) **XFBM 3x30x60**
Length to order (30- 3000 mm) **XFBM Lx30x60**
End cap, polyamide, grey **XFBE 30x60***

T-slot dimensions: See page 439.

Beam weight: 1,57 kg/m

**Note. Must be ordered in multiples of 10*

Support beam 30x30



Beam 30 mm × 30 mm
Aluminium, anodized
Length 3 m (3030 ±5 mm) **XFBM 3x30**
Length to order (30- 3000 mm) **XFBM Lx30**

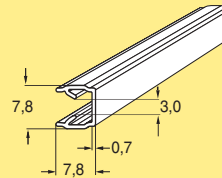
End cap, polyamide, grey **XFBE 30***

T-slot dimensions: See page 439.

Beam weight: 0,93 kg/m

**Note. Must be ordered in multiples of 10*

Cover strip



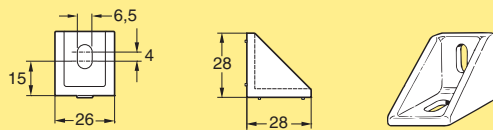
Cover strip for T-slot
Length 3 m
Polyvinyl chloride, grey **XFAC 3 T**

Beams for enclosures

FLexLink beams for enclosures: see page 442.

Connectors XF

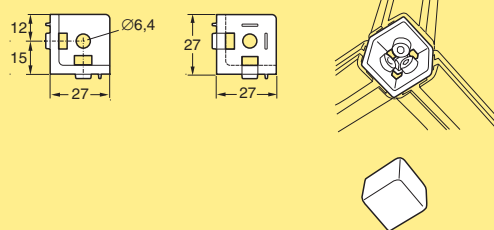
Angle bracket, die-cast, 28x28x26



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

Mounting: MLC6S 6x12 (2), BRB 6.4x12 (2), XFAN 6 (2)

Angle bracket for corners, die-cast



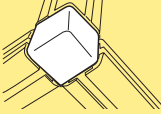
Angle bracket for corners
Zinc, die-cast **XFFA 30 C**

Mounting: MC6S-TT 6x30 (3)

Connectors XF (continued)

PO

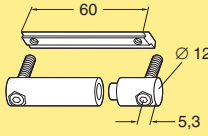
End cap for corner bracket



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 442.
**Note. Must be ordered in multiples of 10*

Fastener yoke 60 mm



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

CC

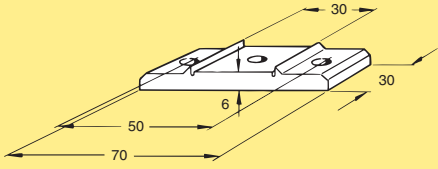
X45

XS

X65

X65P

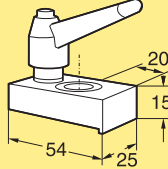
Mounting plate 30x70



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

Mounting: MC6S 6x14 (2), BRB 6.4x12 (2), XFAN 6 (2) and MF6S 6x30

Drill fixture



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

X85

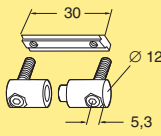
X85P

XH

XK

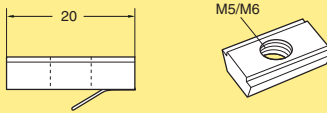
XKP

Fastener yoke 30 mm



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

T-slot nut for System XF T-slot



T-slot nut for XF
Steel, zinc-chromated
M5 **XFAN 5***
M5, multipack (500 pcs) **5056131**
M6 **XFAN 6***
M6, multipack (500 pcs) **5056130**

**Note. Must be ordered in multiples of 10*

X180

X300

GR

CS

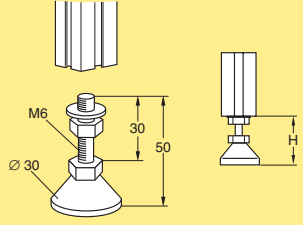
XT

WL

Feet XF

WK

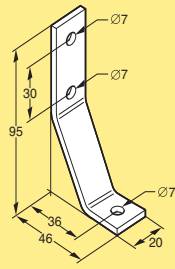
Adjustable foot M6



Adjustable foot
H=28–36 mm
Steel, electro-zinc-plated
M6 thread **XFFS 6x30**

Maximum vertical load 400 N

Floor attachment bracket



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

Including the necessary mounting hardware

XC

XF

XD

ELV

CTL

FST

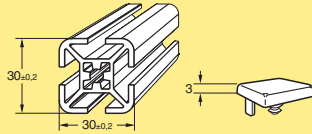
TR

APX

IDX

Enclosure components XF

Enclosure beam 30x30, four T-slots

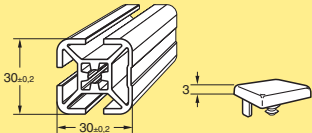


Enclosure profile, square section
30 mm × 30 mm, four T-slots
Aluminium, anodized
Length 3 m (3030 ±5 mm) **XFEB 3x30**
Length to order (30- 3000 mm) **XFEB Lx30**

End cap, polyamide, grey **XFEE 30***

With standard XF T-slots and hole for M6
Beam weight: 0,92 kg/m
**Note. Must be ordered in multiples of 10*

Enclosure beam 30x30, three T-slots

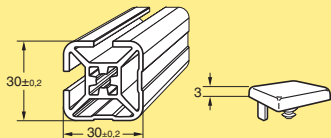


Enclosure profile, square section
30 mm × 30 mm, three T-slots
Aluminium, anodized
Length 3 m (3030 ±5 mm) **XFEB 3x30 T3**
Length to order (30- 3000 mm) **XFEB Lx30 T3**

End cap, polyamide, grey **XFEE 30***

With standard XF T-slots and hole for M6
Beam weight: 0,91 kg/m
**Note. Must be ordered in multiples of 10*

Enclosure beam 30x30, two T-slots

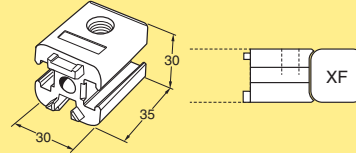


Enclosure profile, square section
30 mm × 30 mm, two T-slots
Aluminium, anodized
Length 3 m (3030 ±5 mm) **XFEB 3x30 T2**
Length to order (30- 3000 mm) **XFEB Lx30 T2**

End cap, polyamide, grey **XFEE 30***

With standard XF T-slots and hole for M6
Beam weight: 0,91 kg/m
**Note. Must be ordered in multiples of 10*

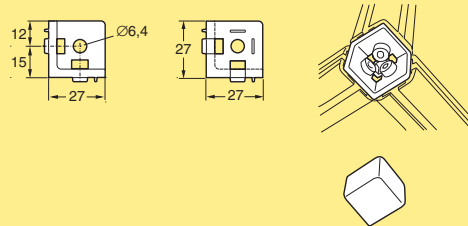
Enclosure connector kit



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

Including the necessary mounting hardware

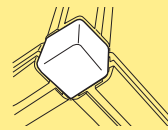
Angle bracket for corners



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

Mounting: MC6S-TT 6x30 (3)

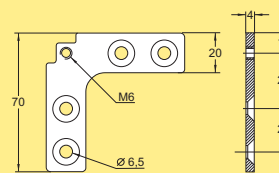
End cap



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

Note. Must be ordered in multiples of 10

Corner bracket



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

Including the necessary mounting hardware

Multiblock

Multiblock
Polyamide
Including M6 square nut

XFAM 6

Hinge kit XF-XF

Hinge kit XF-XF
Aluminium
Including the necessary mounting hardware

XFAH 110 B

Rim strip

Rim strip
Length 3 m
Polyvinyl chloride, grey

XFET 3 A

Handle assembly XC/XF, polyamide

Handle assembly
Polyamide
Including adapter plate for XC
Mounting XF: MC6S 5x12 (2), XFAN 5 (2)

XDEH 160

Net strip

Net strip
Length 3 m
Polyvinyl chloride, grey

XFET 3 C

Ball latch lock kit XF-XF

Ball latch lock kit
Aluminium, anodized
Including ball latch and the necessary mounting hardware

XFEL 60 B

Sliding door profile

Sliding door profile
Length 3 m
Polyvinyl chloride, grey

XFET 3 D

Safety switch bracket kit XF-XF

Safety switch bracket kit
Aluminium, anodized
Including the necessary mounting hardware. For safety switches Schmersal AZ 15/16-B1 and Guardmaster Trojan 5 (not included).

XFEL 60 W

CC

X45

XS

X65

X65P

X85

X85P

XH

XK

XKP

X180

X300

GR

CS

XT

WL

WK

XC

XF

XD

ELV

CTL

FST

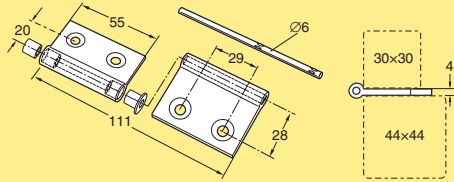
TR

APX

IDX

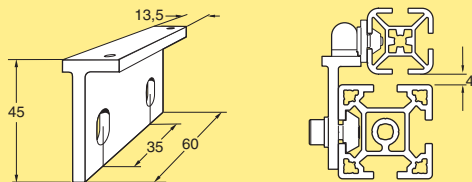
Enclosure components XF (Continued)

Hinge kit XF-XC



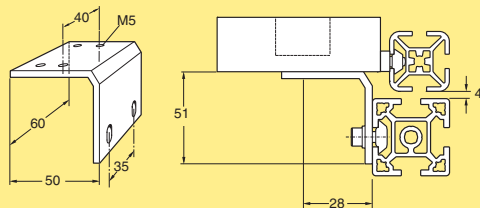
Hinge kit XF-XC
Aluminium, anodized **XFAH 110 A**
Including the necessary mounting hardware

Ball latch lock kit XF-XC



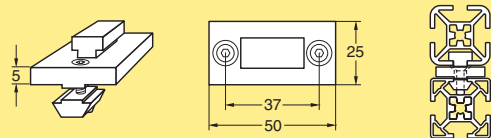
Ball latch lock kit
Aluminium, anodized **XFEL 60 BA**
Including ball latch and the necessary mounting hardware

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 25x50**
Including screws and nut