Support components Series X

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Introduction

The support used for the conveyor consists of a stainless steel tube, which is connected to the conveyor beam by means of a connector plate and beam support bracket.

A two- or three-point foot of glass-fibre reinforced polyamide complete with connecting elements is available for use with conveyor supports of all system widths. The foot has threaded bushings and spacers in nickel-plated brass.

The maximum adjusting height of the adjustable feet is 30 mm. Anti-slip pads can be fitted to the adjustable feet. Apart from increasing the friction if the feet are not bolted to the floor, these also reduce vibration.

The components have also been evaluated and designed to reduce pinch points in order to improve personal safety.

Other support variants are available on request.

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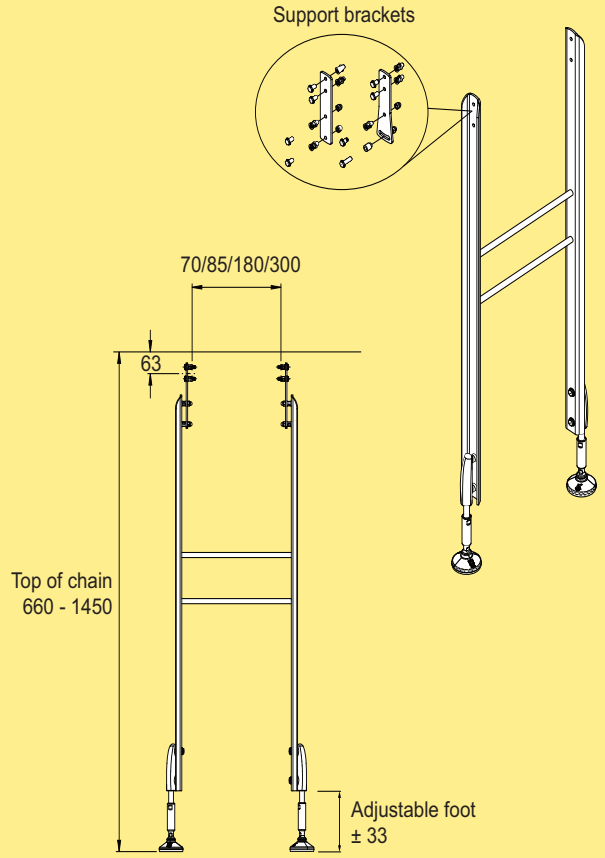
Support System modules, X70X, X70C, X85X, X85C, X180X, X180C, X300X, X300C

Use the online configurator to specify support modules. A product code string is generated that contains the specification details. (E.g., XCUFX S01-X70C-660-A-M16x80 H).

Support module, type H

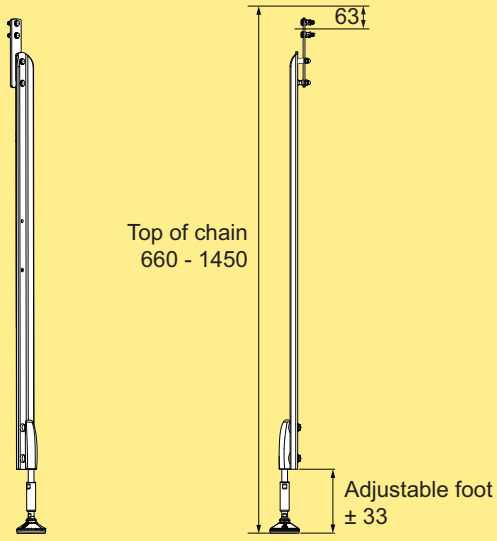


Support module type H **XCUFX S01**

Support module type H, XCUFX S01

Parameter		Option
Top of chain:		660-1450 mm
Platform:		X70X, X70C
		X85X, X85C
		X180X, X180C
		X300X, X300C
Bracket type:	Fixed	FLX1010303
	Variable	FLX1010507
Foot type:		XCFSX 16x80 H
		XCFSX 16x80 HA
		XCFSX 16x80
		XCFSX 16x80 A

Support module, single leg



Support module, single leg **XCUFX S04**

Support module single leg, XCUFX S04

Parameter		Option
Top of chain:		660-1450 mm
Foot type:		XCFSX 16x80 H
		XCFSX 16x80 HA
		XCFSX 16x80
		XCFSX 16x80 A
Bracket type:	Fixed	FLX1010303

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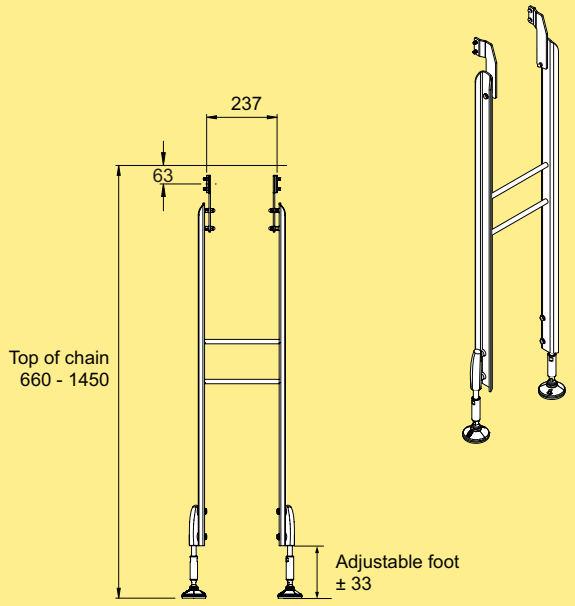
Support module, type wheel bend

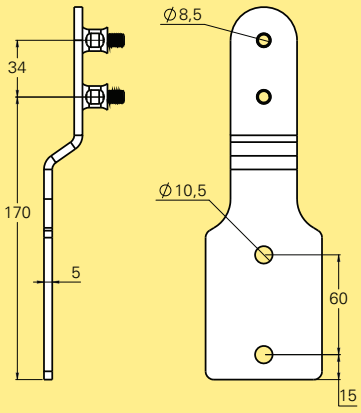


Support module type wheel bend **XCUFX S03**

Support module type wheel bend, XCUFX S03

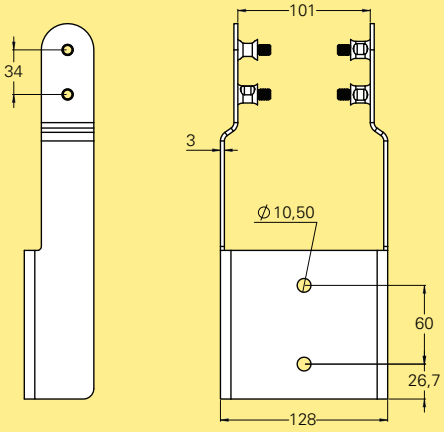
Parameter		Option
Top of chain:		660-1450 mm
Platform:		X70X, X70C
		X85X, X85C
Bracket type:	Left	FLX1010580
	Right	FLX1010581
Foot type:		XCFSX 16x80 H
		XCFSX 16x80 HA
		XCFSX 16x80
		XCFSX 16x80 A

Beam support bracket X70X

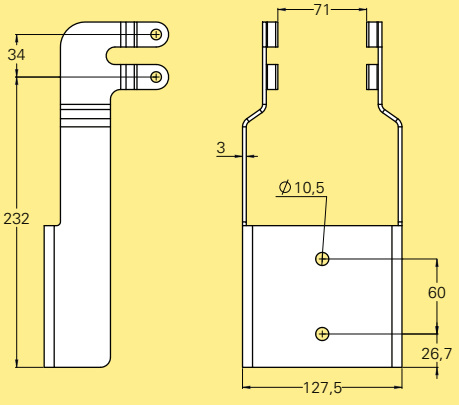


Beam support bracket
Stainless steel **XLCSX A70 PB**

Beam support bracket X70X

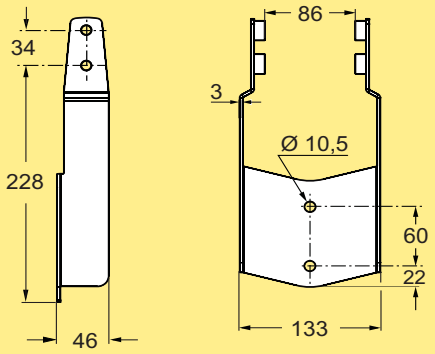


Beam support bracket, **straight beam** **XLCSX A70 B**
Stainless steel

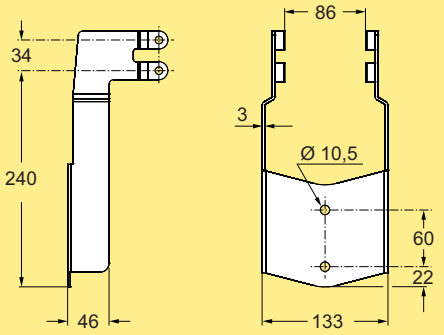


Beam support bracket, **drive unit** **XLCSX A70 D**
Stainless steel

Beam support bracket X85X



Beam support bracket, **straight beam** **5114653**
Stainless steel



Beam support bracket, **drive unit** **5114999**
Stainless steel

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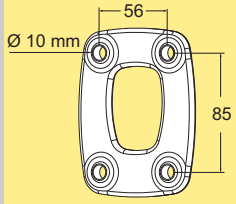
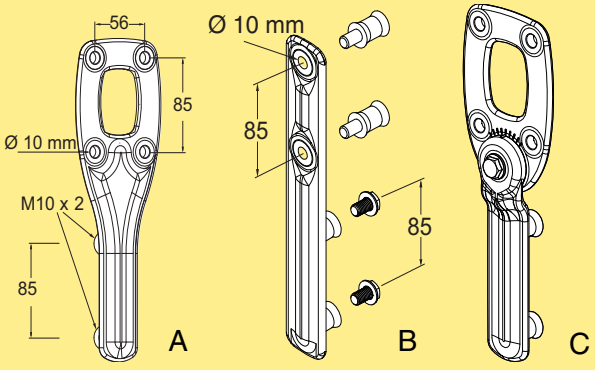
Connecting bracket



Connecting Bracket
For beam
Including M10 screws x4 **WLCJX 10X56**

Beam support brackets

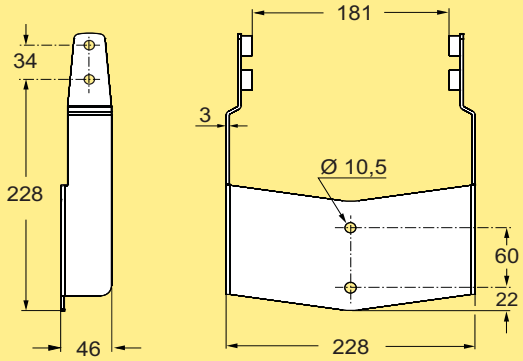


Beam support bracket (A)
Including 6 pcs M10 screws **WLCSX 10X56**

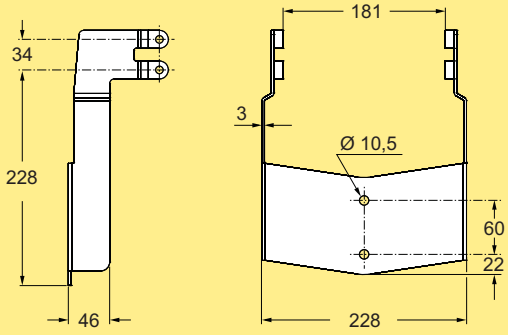
Beam support bracket (B)
Including 2 pcs M10 screws and
2 pcs spacer WLRDX M10X25 **WLCSX 10**

Beam support bracket (C)
Adjustable ±40° **WLCSX 10X56V40**

Beam support bracket X180X

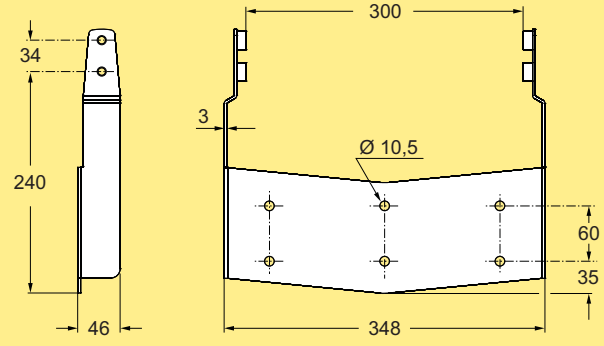


Beam support bracket, **straight beam** **5114654**
Stainless steel

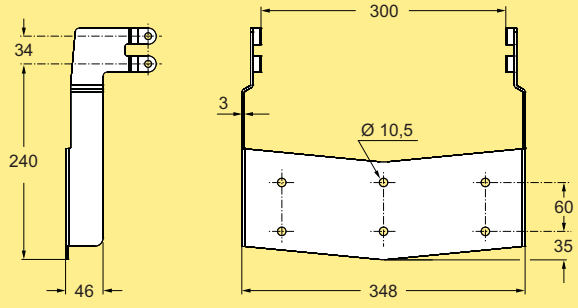


Beam support bracket, **drive unit** **5115001**
Stainless steel

Beam support bracket X300X

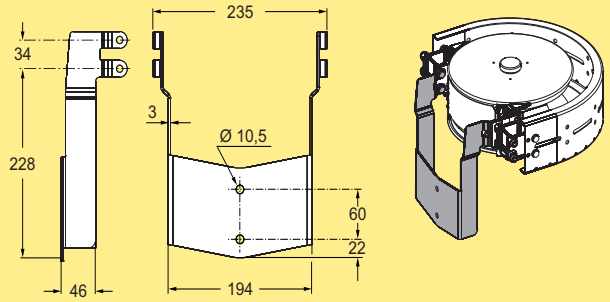


Beam support bracket, **straight beam** **5114655**
Stainless steel



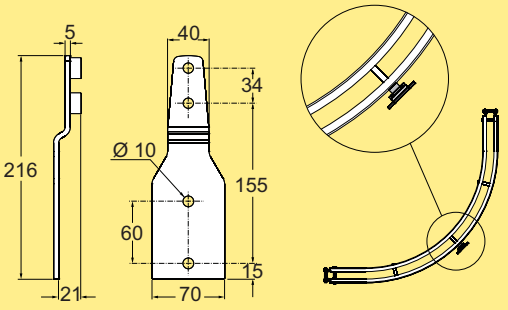
Beam support bracket, **drive unit** **5114998**
Stainless steel

Beam support bracket



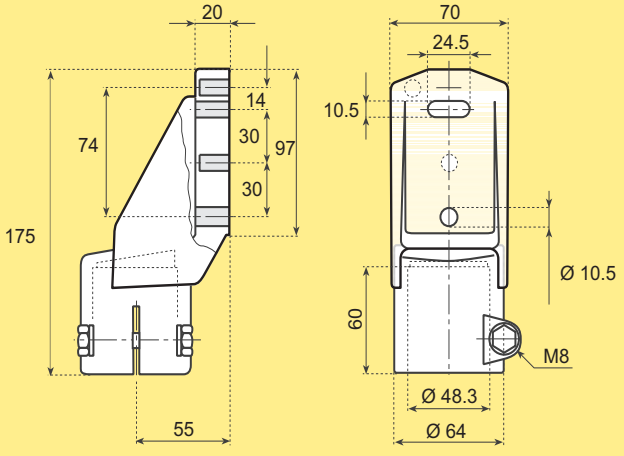
Beam support bracket, **wheel bends** **5115171**
Stainless steel

Beam support bracket



Beam support bracket, reinforced single sided suspension for support of **plain bends** **5115162**
Stainless steel

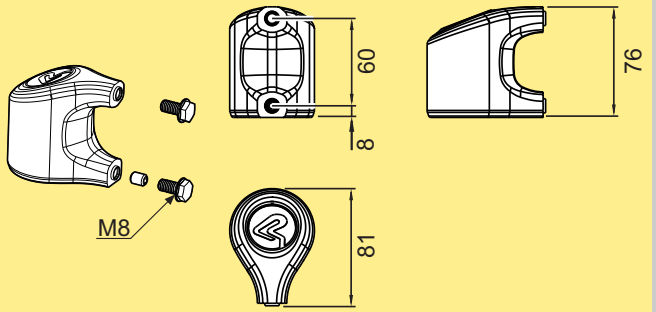
Beam support bracket



Beam support bracket **5114458**
Reinforced polyamide. (2) Screw M6S 10x35 A4, (2) Hex domed cap nut MHM M10 A4, and (2) Washer BRB 10,5x20 A4 in stainless steel (not included)

For mounting hardware, see chapter Fasternes (FSTX)

Beam support bracket



Beam support bracket
(2) M8 screws, (1) setscrew **XBCSX 48**

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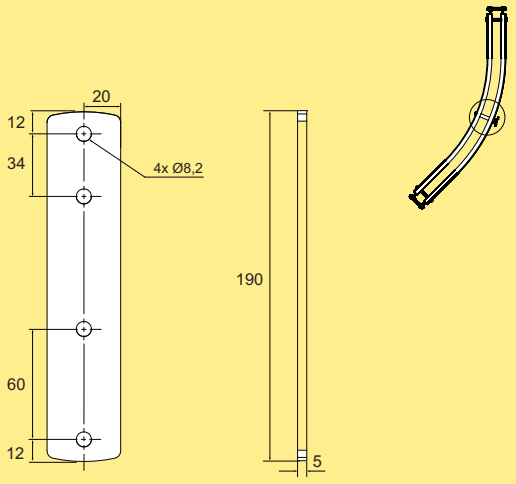
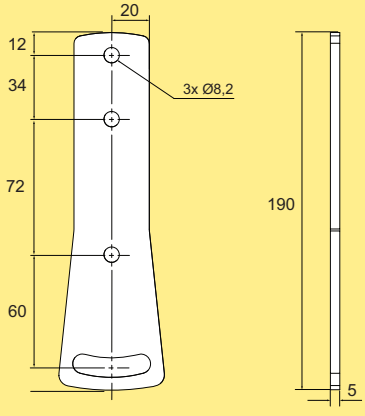
Support bracket X70X, X70C, X85X, X85C, X180X, X180C, X300X, X300C



Support bracket **fixed**,
for support module XCUFX S01and XCUFX S04
Stainless steel

FLX1010303

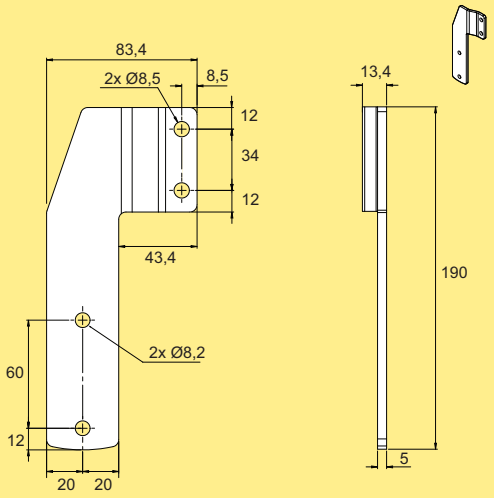


Support bracket **variable**,
for support module XCUFX S01
Stainless steel

FLX1010507

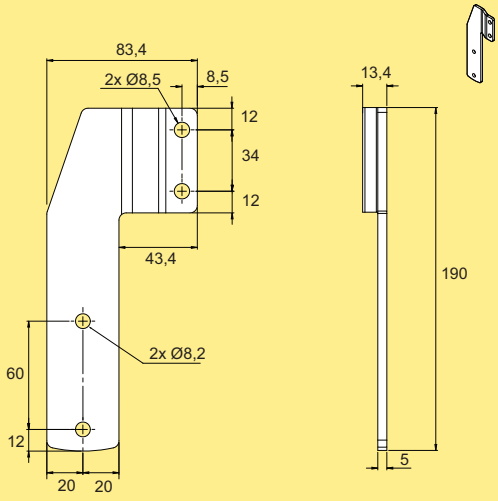
Note: Can't be purchased separately, only as part of a Support module.

Support bracket X70X, X70C, X85X, X85C



Support bracket **left**,
for support module XCUFX S3
Stainless steel

FLX1010580

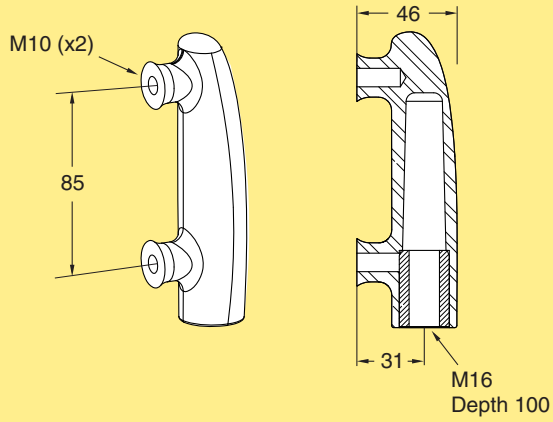


Support bracket **right**,
for support module XCUFX S03
Stainless steel

FLX1010581

Note: Can't be purchased separately, only as part of a Support module.

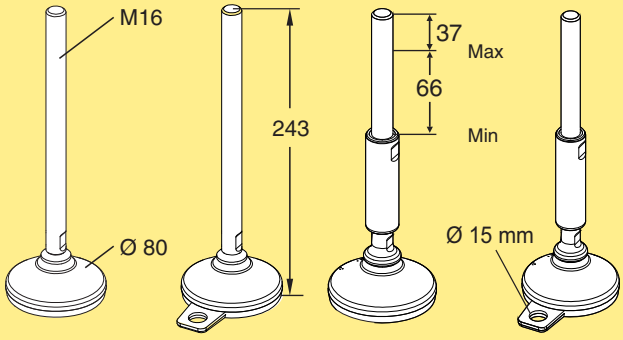
Connector for adjustable foot



Connector
Connector
Incl. two srews

XCFCX 16x100

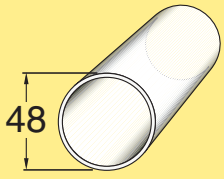
Adjustable foot



Adjustable foot
M16
M16, Anchoring
M16, EHEDG/3A
M16, Anchoring, EHEDG/3A

XCFSX 16x80
XCFSX 16x80 A
XCFSX 16x80 H
XCFSX 16x80 HA

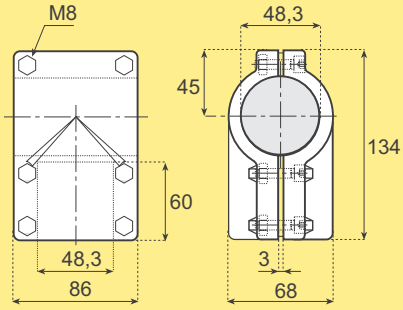
Support profile



Support profile
Stainless steel
Length 3000 mm +50 -10 mm
Length to order

XCBMX 3x48
XCBMX Lx48

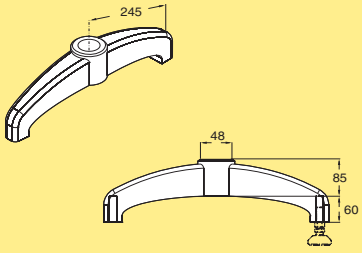
T-connector



T-connector
Reinforced polyamide, screws and nuts in stainless steel

5114962

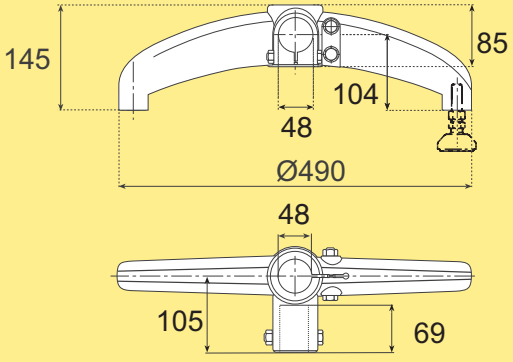
Polyamide foot, 2-point



Two-point foot
Reinforced polyamide
Threaded bushings and spacers in nickel plated brass
(Adjustable foot XCFS 16x60x115 not included)

XCFG 48 D

Polyamide foot, 2-point with joint



Two-point foot
Reinforced polyamide
Threaded bushings and spacers in nickel plated brass
(Adjustable foot XCFS 16x60x115 not included)

XCFG 48 DJ

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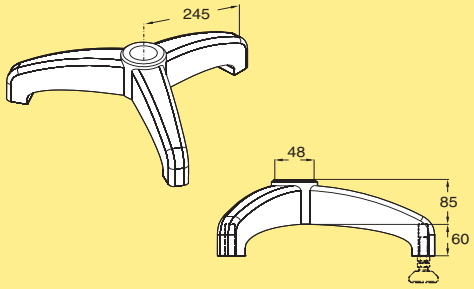
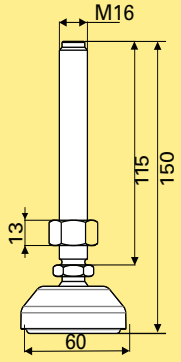
Polyamide foot, 3-point



Three-point foot **XCFG 48 T**
- Reinforced polyamide
- Threaded bushings and spacers in nickel plated brass

(Adjustable foot XCFS 16×60×115 not included)

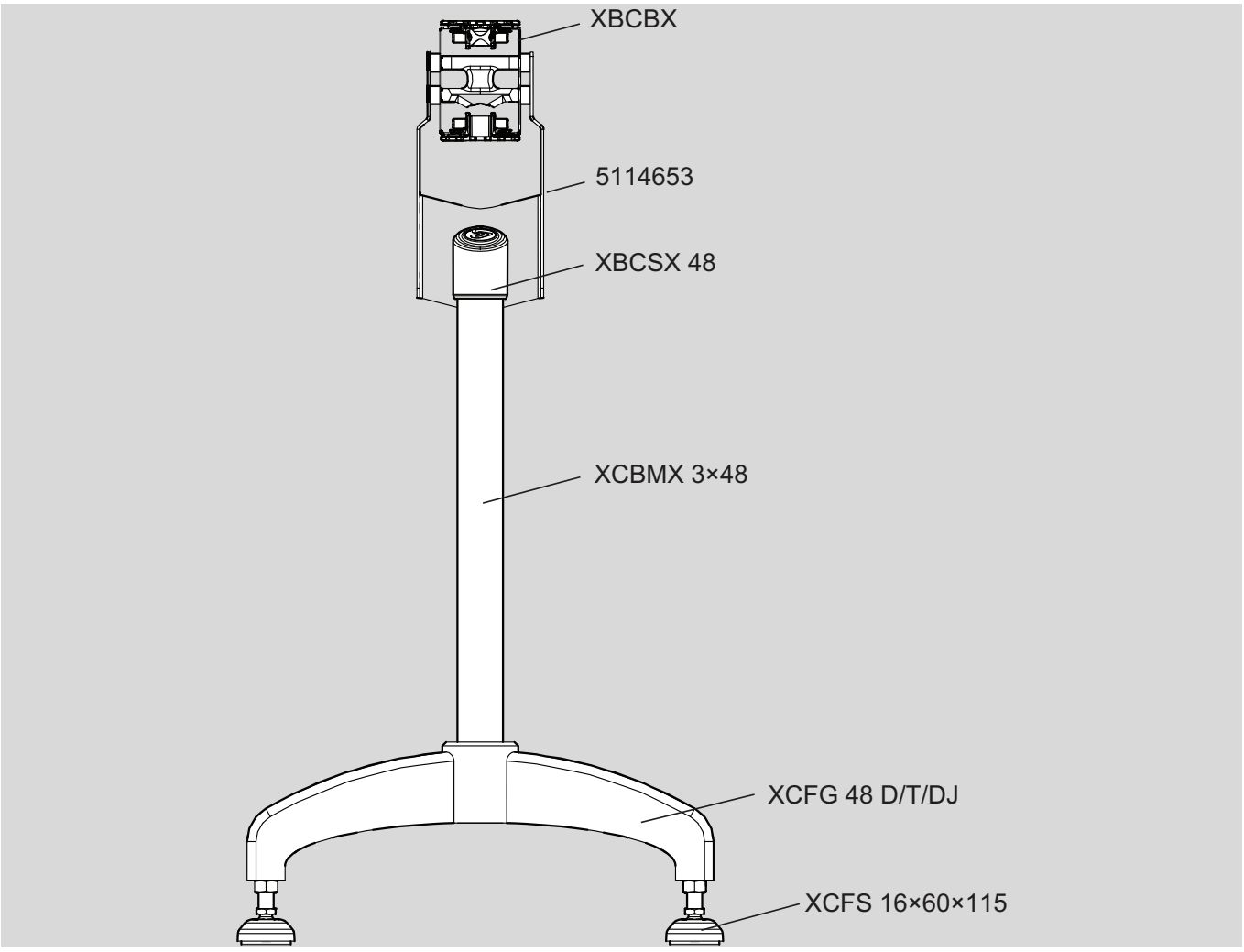
Polyamide foot, adjustable



Adjustable foot **XCFS 16×60×115**
- Stainless steel
- M16 thread

Including nut
Maximum vertical load 12000 N

Example of support profile



Ordering information

Screws, nuts and brackets must be ordered separately for the following components:

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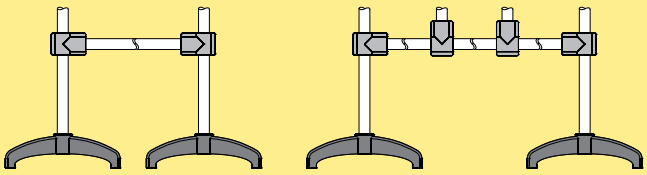
Example of support profiles

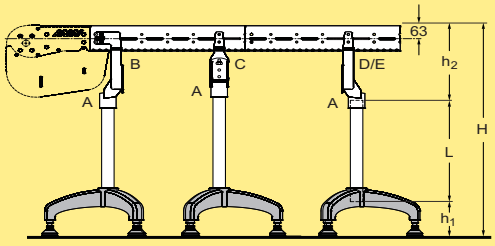
Designation	Attachment to	Mounting hardware required
Beam XBCBX	5114653	Fasteners are included
5114653	XBCSX 48	Fasteners are included
XBCSX 48	XCBMX 3x48	Fasteners are included
XCBMX 3x48	XCFG 48D/T/DJ	Fasteners are included
XCFG 48D/T/DJ	XCFS 16x60x115	Fasteners are included

Example of support profile configuration



Support profile XCBMX Lx48, T-connector 5114962 and Polyamide feet

Support profile length



A	B	C	D	E
5114458	5114999	5115162	5114653	5115171
	5115001		5114654	
	5114998		5114655	

The beam length required to obtain a specific conveyor height H depends on the conveyor size, foot type and beam support bracket. See figure. In the following formula H represents the height from the floor to the top of a standard plain chain. Most support combinations permit height adjustment both at the foot and at the beam support bracket.

$L = H - h_1 - h_2$

Net height of foot h_1

Foot type	h_1 min - max mm
XCFG 48 D+XCFS 16×60×115	145 - 196
XCFG 48 DJ+XCFS 16×60×115	145 - 196
XCFG 48 T+XCFS 16×60×115	145 - 196

Height h_2

Beam	Bracket type	h_2 mm (TOC*)
85×113 mm	A+B	314
85×113 mm	A+C	263
85×113 mm	A+D	314
85×113 mm	A+E	314
*Top of a plain chain, 4 mm+ Slide rail 2,5 mm		

Ordering information

Profiles are available in standard lengths of 3 m or other lengths cut to order.

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