

# Guide rail components Series X

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## Introduction



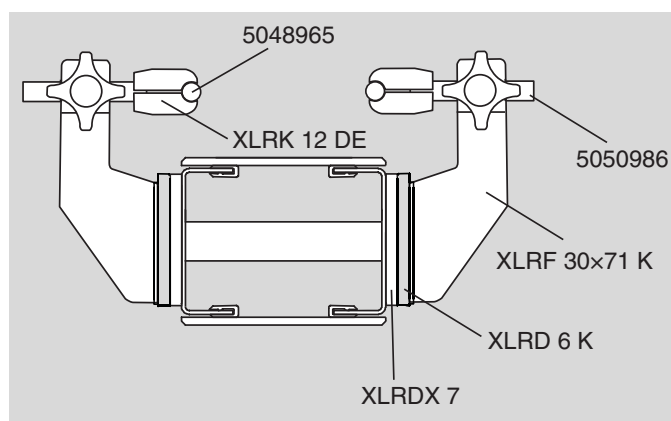
### Components from the standard assortment

The adjustable guide rail brackets include components for construction of a wide variety of guide rail configurations. The illustrations show three possible configurations containing a number of standard FlexLink's guide rail components. See catalogue section *Guide rail components* for further information about these, including calculation of track width.

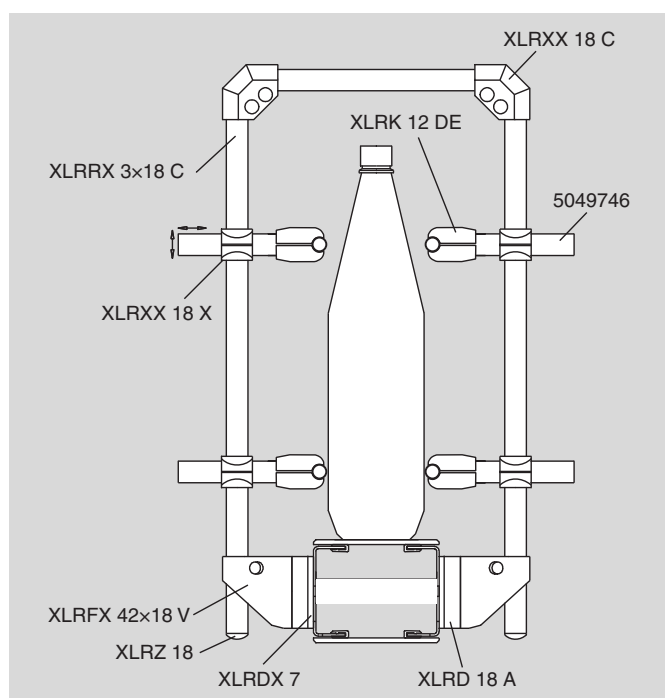
PO  
XLX  
X70X  
X85X  
X180X  
X300X  
WL  
222X  
WL  
273X  
WL  
374X  
WL  
526X  
WL  
678X  
CSX  
GRX  
FSTX  
TR  
APX  
IDX

## Guide rail brackets, XLX

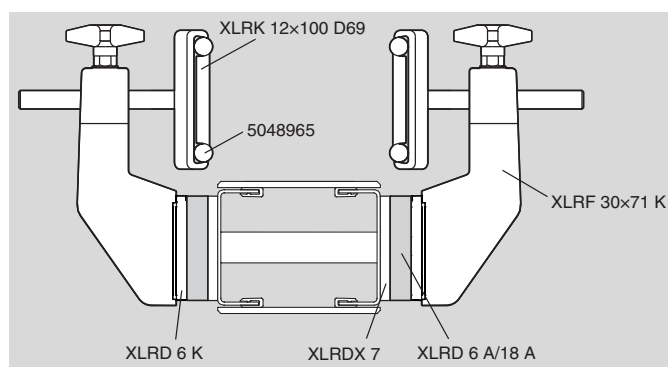
*Guide rail configuration A*



*Guide rail configuration B*



*Guide rail configuration C*



### Materials

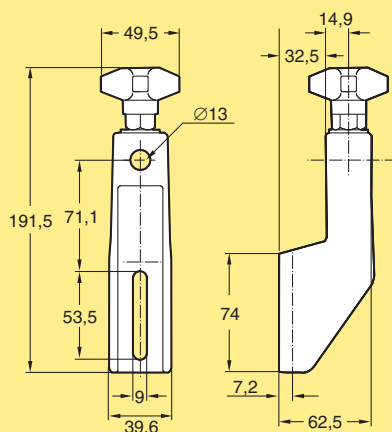
Except where otherwise noted, the guide rail bracket components are made of glass-fibre reinforced polyamide.

### Ordering information

If guide rail bracket support XLRFX 42x18 V or distance piece XLRD 6 A/18 A is used, one guide rail bracket connector XLRDX 7 is required per support for connection to the conveyor beam.

## Guide rail brackets, XLX

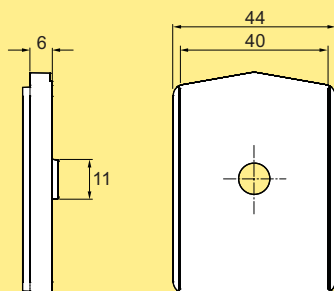
### Guide rail bracket support Type K



Adjustable guide rail bracket kit **XLRF 30×71 K**

Mounting: M6S 8×20 A4 (1), XLANX 8 (1), BRB 8,4×24 A4 (1).

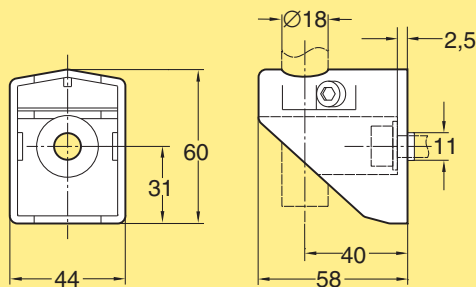
### Spacer for guide rail bracket support Type K



Distance piece Type K **XLRD 6 K**

Use with guide rail bracket support XLRF 30×71 K  
Note. Must be ordered in multiples of 10

### Guide rail bracket support Type V

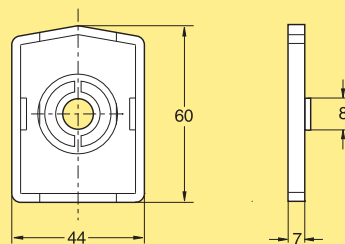


Guide rail bracket support **XLRFX 42×18 V**

For use with guide rail clamp XLRLX 18×... CA or guide rail support tube XLRRX 3×18 C.

Including screw and nut in stainless steel  
Mounting: M6S 8×25 A4 (1), XLANX 8 (1), BRB 8,4×16 A4 (1).

### Guide rail bracket connector

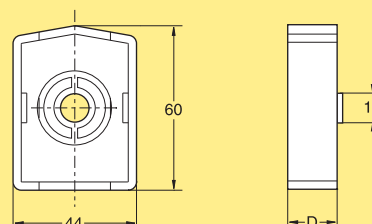


Guide rail bracket connector **XLRDX 7**

For use with guide rail bracket support XLRF 42×18 V and distance piece XLRD 6 A/18 A

Note. Must be ordered in multiples of 10

### Spacers for guide rail bracket support Type A



Distance piece Type A

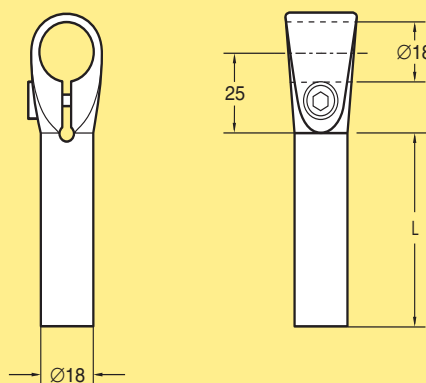
D=6 mm

D=18 mm

**XLRD 6 A**  
**XLRD 18 A**

Use with guide rail bracket support XLRFX 42×18 V.  
Note. Must be ordered in multiples of 10

### Guide rail clamp support Type CA



Guide rail clamp support

L=60 mm

L=110 mm

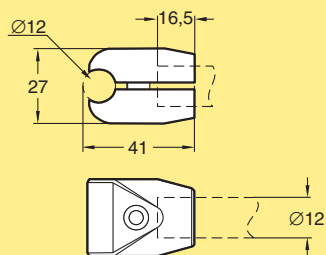
L=160 mm

**XLRLX 18×60 CA**  
**XLRLX 18×110 CA**  
**XLRLX 18×160 CA**

Including stainless screw and nut. For use with XLRKX 42×18 V and XLRK 18×50 D69

PO  
XLX  
X70X  
X85X  
X180X  
X300X  
WL 222X  
WL 273X  
WL 374X  
WL 526X  
WL 678X  
CSX  
GRX  
FSTX  
TR  
APX  
IDX

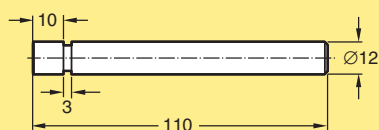
## Guide rail clamp 5



Guide rail clamp **XLRK 12 DE**

Including stainless steel screw and nut. For use with 12 mm guide rail clamp rod 5051168 or 5050986. Suitable guide rail type: 12 mm steel rod type 5048965.

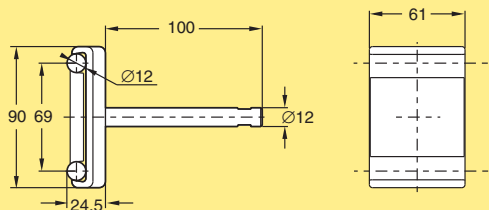
## Guide rail clamp rod 12 mm



Guide rail clamp rod  
Stainless steel **5050986**

Use with XLRK 12 DE and XLRF 30x71 K

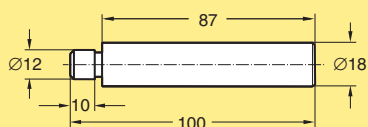
## Guide rail clamp, double



Guide rail clamp, double **XLRK 12x100 D69**

Including stainless steel rod, screw and nut. Suitable guide rail type: 12 mm steel rod type 5048965. For use with bracket support XLRF 30x71 K

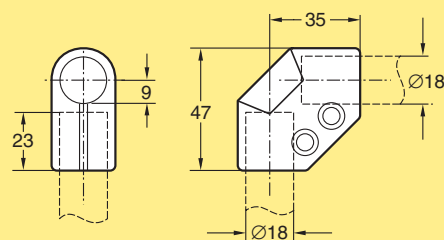
## Guide rail clamp rod, 18 mm



Guide rail clamp rod  
Stainless steel **5049746**

Use with XLRX 18 X, XLRXX 3x18 C, XLRK 12 DE and XLRF 42x18 V/VD

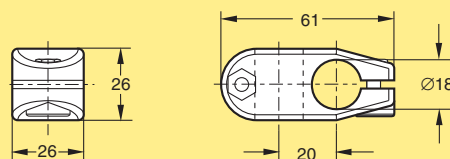
## Corner connector



Corner connector **XLRXX 18 C**

Including stainless screws and nuts.

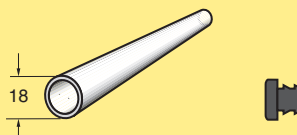
## Cross connector



Cross connector **XLRXX 18 X**

Including stainless screws and nuts.

## Guide rail support tube

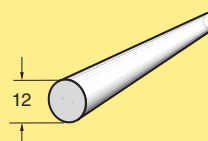


Guide rail support tube  
Stainless steel  
Length 3000 mm +50 -10 mm **XLRX 3x18 C**

End cap **XLRZ 18\***

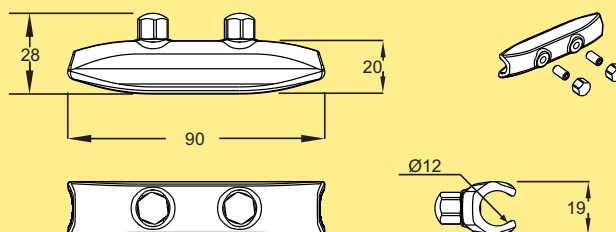
\*Note. Must be ordered in multiples of 10

## Steel rod 12 mm



Stainless steel rod 12 mm  
Length 3000 mm **5048965**

## Connecting sleeve



Connecting sleeve **XBRJX 12x90**

Including stainless screws and nuts.

## Introduction



### Components from the standard assortment

The guide rail system includes guide rails, brackets and other components for design of a wide variety of configurations to optimize the solution for the products handled. Some products also include stand off spacers for easy cleaning.

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

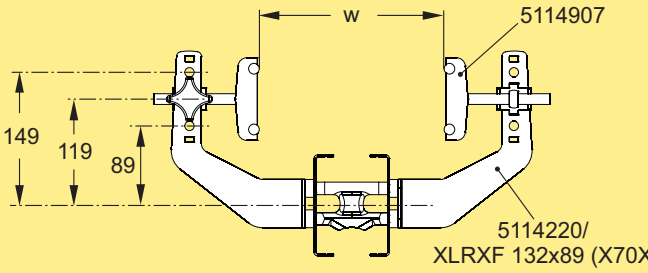
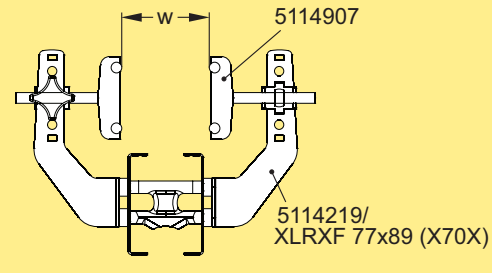
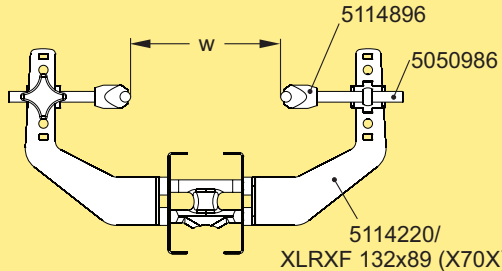
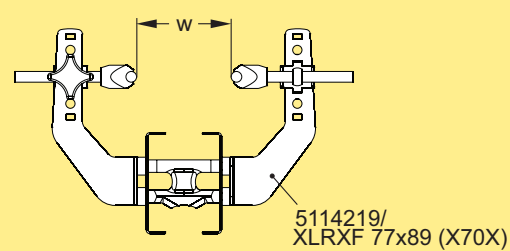
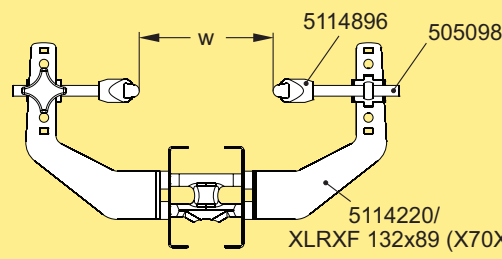
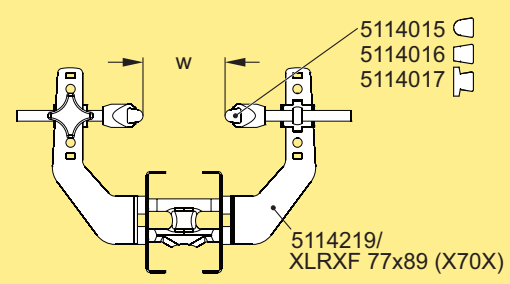
Other variants of components are available on request.

### Materials

Except where otherwise noted, the guide rail bracket components are made of glass-fibre reinforced polyamide.

PO  
XLX  
X70X  
X85X  
X180X  
X300X  
  
WL  
222X  
  
WL  
273X  
  
WL  
374X  
  
WL  
526X  
  
WL  
678X  
  
CSX  
GRX  
FSTX  
  
TR  
  
APX  
  
IDX

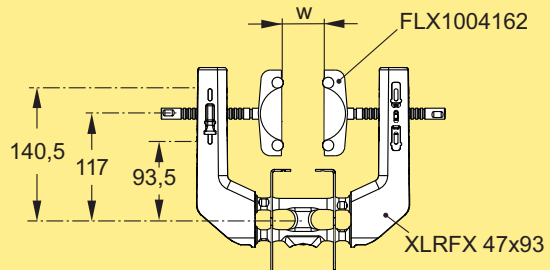
## Configuration example, X70X, X85X, X180X, X300X

<p>Guide rail bracket support, wide Guide rail clamp, double round profile</p> <table><tr><td>70</td><td>85</td><td>180</td><td>300</td></tr><tr><td>w = Max 265</td><td>Max 270</td><td>Max 365</td><td>Max 485</td></tr><tr><td>w = Min 158</td><td>Min 163</td><td>Min 258</td><td>Min 378</td></tr></table> 	70	85	180	300	w = Max 265	Max 270	Max 365	Max 485	w = Min 158	Min 163	Min 258	Min 378	<p>Guide rail bracket support, narrow Guide rail clamp, double round profile</p> <table><tr><td>70</td><td>85</td><td>180</td><td>300</td></tr><tr><td>w = Max 154</td><td>Max 159</td><td>Max 254</td><td>Max 374</td></tr><tr><td>w = Min 48</td><td>Min 53</td><td>Min 148</td><td>Min 268</td></tr></table> 	70	85	180	300	w = Max 154	Max 159	Max 254	Max 374	w = Min 48	Min 53	Min 148	Min 268
70	85	180	300																						
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w = Max 154	Max 159	Max 254	Max 374																						
w = Min 48	Min 53	Min 148	Min 268																						
<p>Guide rail, Steel rod</p> <table><tr><td>70</td><td>85</td><td>180</td><td>300</td></tr><tr><td>w = Max 248</td><td>Max 253</td><td>Max 348</td><td>Max 468</td></tr><tr><td>w = Min 131</td><td>Min 136</td><td>Min 231</td><td>Min 351</td></tr></table> 	70	85	180	300	w = Max 248	Max 253	Max 348	Max 468	w = Min 131	Min 136	Min 231	Min 351	<p>Guide rail, Steel rod</p> <table><tr><td>70</td><td>85</td><td>180</td><td>300</td></tr><tr><td>w = Max 138</td><td>Max 143</td><td>Max 238</td><td>Max 358</td></tr><tr><td>w = Min 21</td><td>Min 26</td><td>Min 121</td><td>Min 241</td></tr></table> 	70	85	180	300	w = Max 138	Max 143	Max 238	Max 358	w = Min 21	Min 26	Min 121	Min 241
70	85	180	300																						
w = Max 248	Max 253	Max 348	Max 468																						
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70	85	180	300																						
w = Max 138	Max 143	Max 238	Max 358																						
w = Min 21	Min 26	Min 121	Min 241																						
<p>Guide rail, conical profile</p> <table><tr><td>70</td><td>85</td><td>180</td><td>300</td></tr><tr><td>w = Max 231</td><td>Max 236</td><td>Max 331</td><td>Max 451</td></tr><tr><td>w = Min 114</td><td>Min 119</td><td>Min 214</td><td>Min 334</td></tr></table> 	70	85	180	300	w = Max 231	Max 236	Max 331	Max 451	w = Min 114	Min 119	Min 214	Min 334	<p>Guide rail, conical profile</p> <table><tr><td>70</td><td>85</td><td>180</td><td>300</td></tr><tr><td>w = Max 121</td><td>Max 126</td><td>Max 221</td><td>Max 341</td></tr><tr><td>w = Min 4</td><td>Min 9</td><td>Min 104</td><td>Min 224</td></tr></table> 	70	85	180	300	w = Max 121	Max 126	Max 221	Max 341	w = Min 4	Min 9	Min 104	Min 224
70	85	180	300																						
w = Max 231	Max 236	Max 331	Max 451																						
w = Min 114	Min 119	Min 214	Min 334																						
70	85	180	300																						
w = Max 121	Max 126	Max 221	Max 341																						
w = Min 4	Min 9	Min 104	Min 224																						



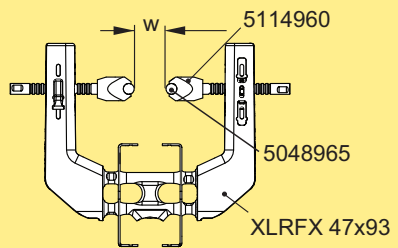
Guide rail bracket support  
Guide rail clamp, double round profile

	70	85	180	300
w =	Max 115	Max 130	Max 225	Max 345
w =	Min 0	Min 0	Min 95	Min 215



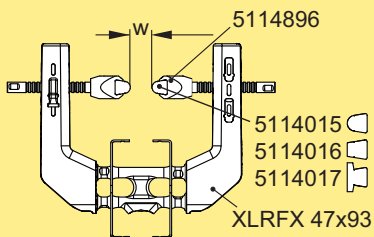
Guide rail, Steel rod

	70	85	180	300
w =	Max 75	Max 90	Max 185	Max 305
w =	Min 0	Min 0	Min 55	Min 175



Guide rail, conical profile

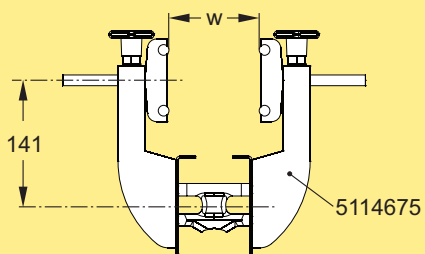
	70	85	180	300
w =	Max 65	Max 80	Max 175	Max 295
w =	Min 0	Min 0	Min 45	Min 165



## Configuration example, X70X, X85X, X180X, X300X (continued)

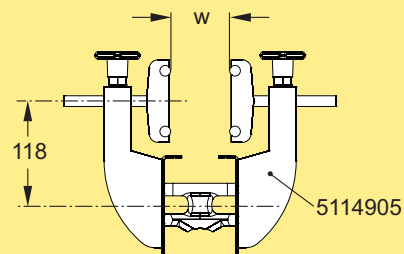
Guide rail bracket support, high  
Guide rail clamp, double round profile

70	85	180	300
w = Max 90	Max 105	Max 200	Max 320
w = Min 0	Min 0	Min 95	Min 215



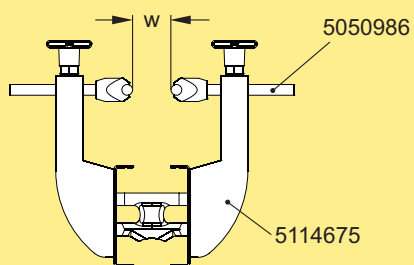
Guide rail bracket support, low  
Guide rail clamp, double round profile

70	85	180	300
w = Max 90	Max 105	Max 200	Max 320
w = Min 0	Min 0	Min 95	Min 215



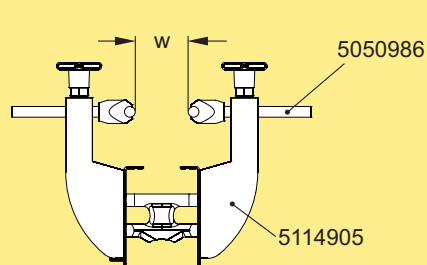
Guide rail, Steel rod

70	85	180	300
w = Max 65	Max 80	Max 175	Max 296
w = Min 0	Min 0	Min 95	Min 215



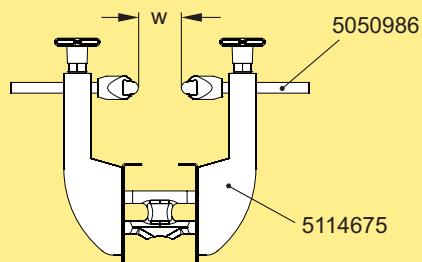
Guide rail, Steel rod

70	85	180	300
w = Max 65	Max 80	Max 175	Max 296
w = Min 0	Min 0	Min 95	Min 215



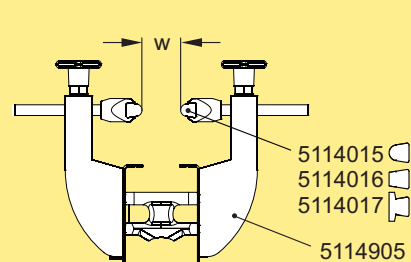
Guide rail, conical profile

70	85	180	300
w = Max 65	Max 80	Max 175	Max 296
w = Min 0	Min 0	Min 95	Min 215



Guide rail, conical profile

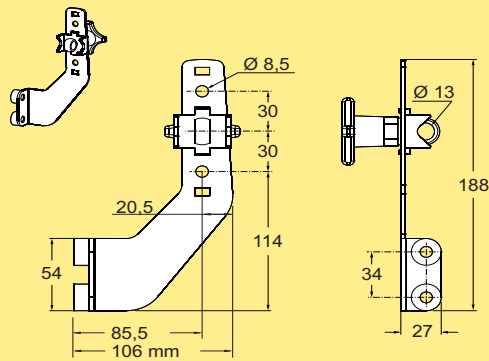
70	85	180	300
w = Max 65	Max 80	Max 175	Max 296
w = Min 0	Min 0	Min 95	Min 215





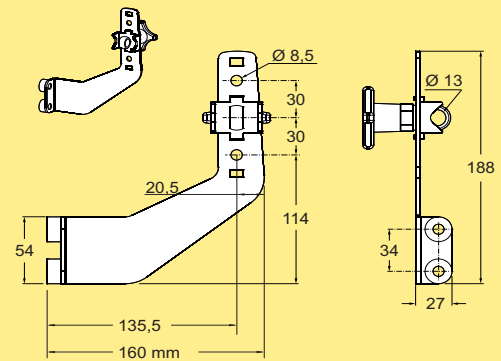
Guide rail components, X70X, X85X, X180X, X300X

Guide rail bracket support, narrow



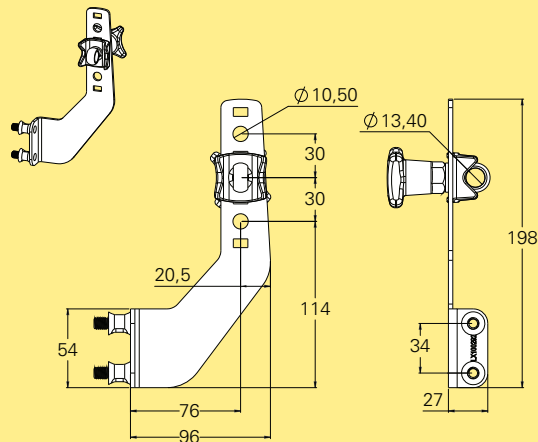
Guide rail bracket support **5114219**

Guide rail bracket support, wide



Guide rail bracket support **5114220**

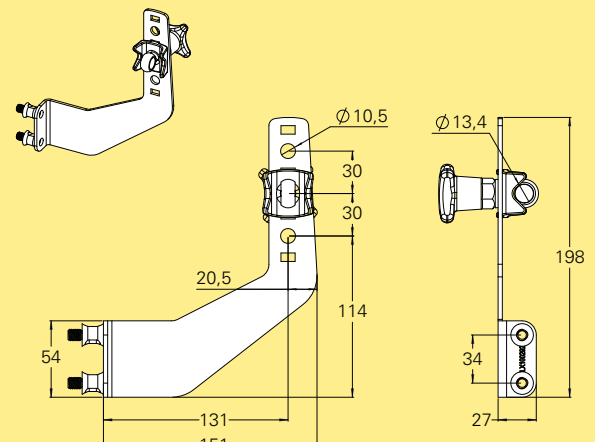
Guide rail support bracket, narrow



Guide rail support bracket **XLRFX 77X89**

Note. For X70X

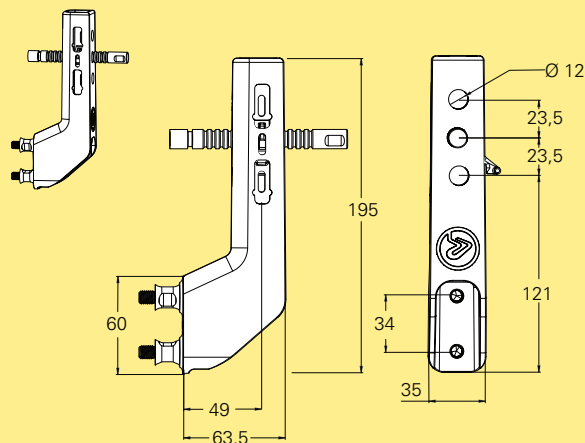
Guide rail bracket support, wide



Guide rail support bracket **XLRFX 132X89**

Note. For X70X

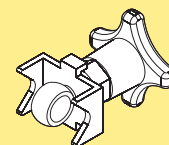
Guide rail bracket, narrow



Guide rail bracket **XLRFX 47X93**

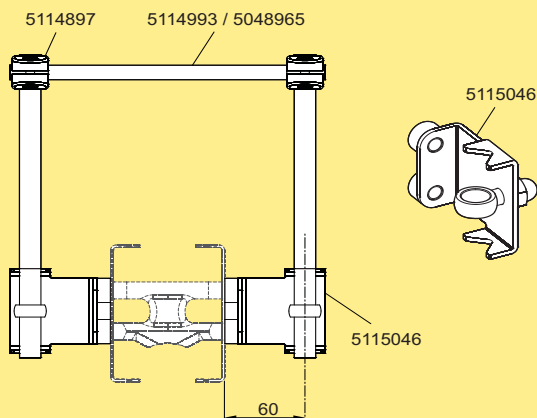
Note. For X70X

Guide rail clamp support (spare part)



Rod mount  
Stainless steel (Knob: PA) **XBRLX 12**  
Spare part for guide rail bracket support 5114219 and 5114220

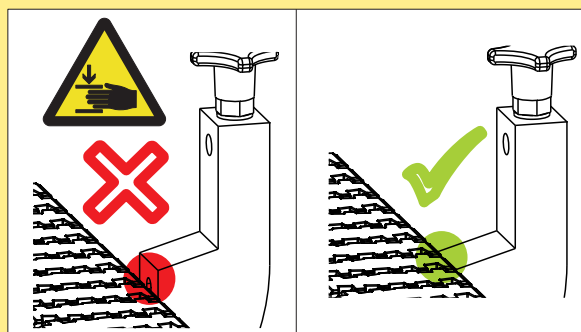
### Guide rail bracket support



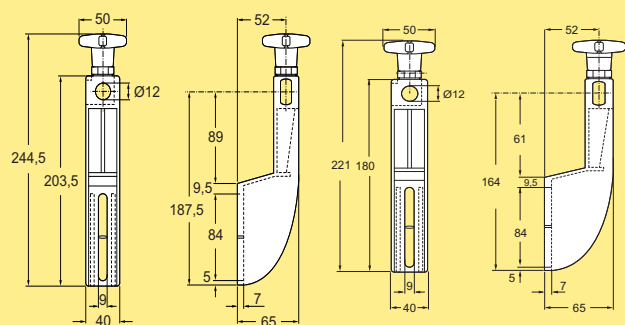
Guide rail bracket support

**5115046**

### Mounting instruction, Guide rail bracket support



### Guide rail bracket supports, high and low



**5114675**

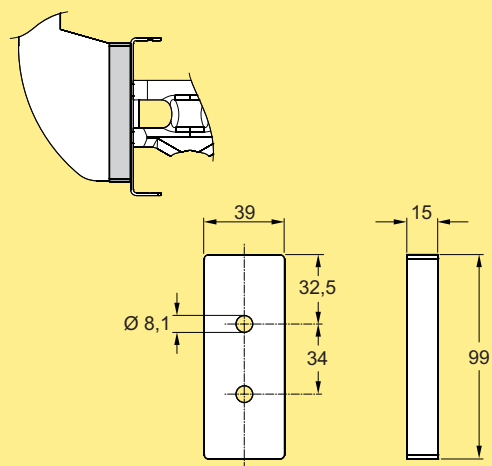
Guide rail bracket support

**5114905**

Guide rail bracket support

*Reinforced polyamide, eyebolt and washer in stainless steel, knob in polyamide with nickel plated brass insert.*

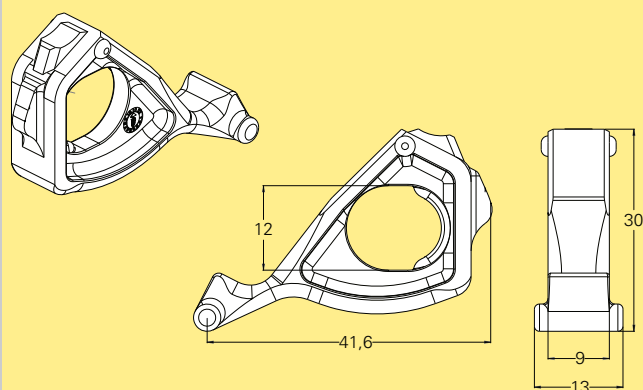
### Spacer



Distance piece

**5114970**

### Guide rail clamp kit, plastic



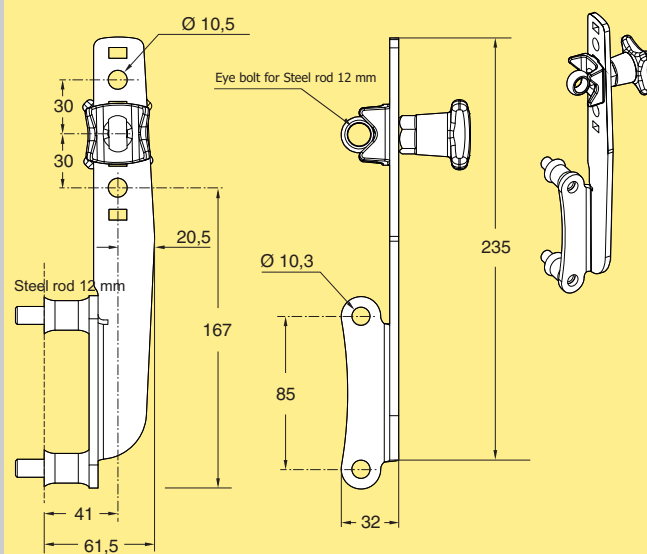
Guide rail clamp kit

**XLRLX 12 Q10**

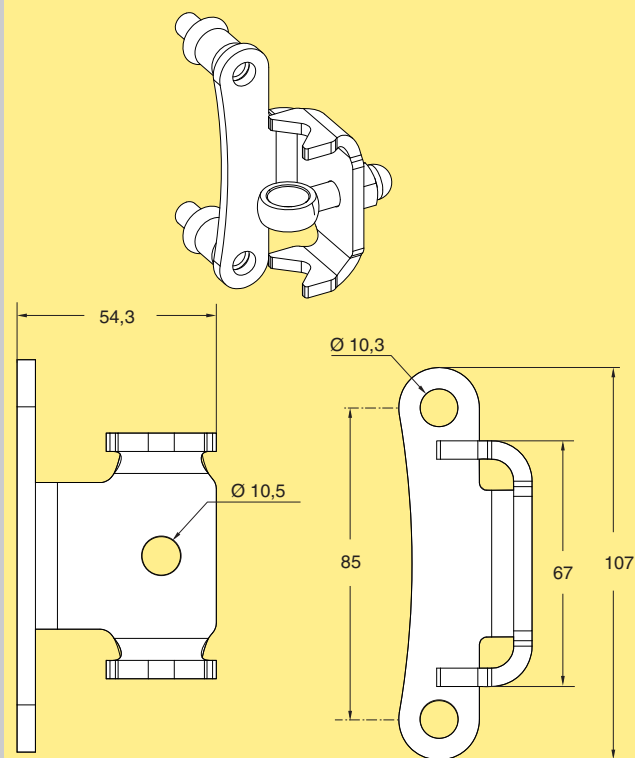
*Note. Kit contains 10 guide rail clamps*

Guide rail components WL222X, WL273X, WL374X, WL526X, WL678X

Guide rail bracket support kit

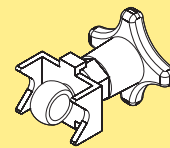


Guide rail bracket support kit **5118806**



Guide rail bracket support kit **5118807**

Guide rail clamp support (spare part)



Rod mount  
Stainless steel (Knob: PA) **XBRLX 12**  
Spare part for guide rail bracket support 5114219 and 5114220



P0

XLX

X70X

X85X

X180X

X300X

WL  
222X

WL  
273X

WL  
374X

WL  
526X

WL  
678X

CSX

GRX

FSTX

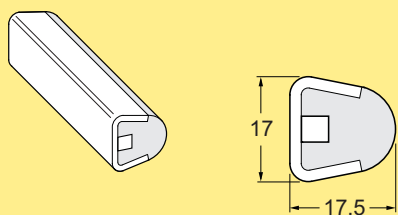
TR

APX

IDX

## Guide rail components, Common items

### Guide rail, conical profile, rounded

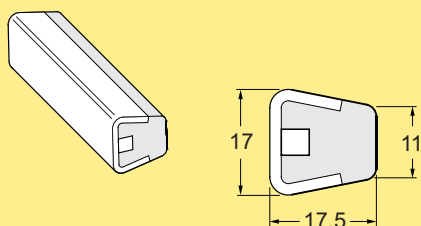


Guide rail  
Length 3 m

**5114015**

*Extruded ultra high molecular weight polyethylene (PE, white).*

### Guide rail, conical profile, flat

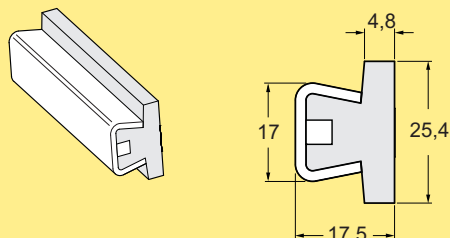


Guide rail  
Length 3 m

**5114016**

*Extruded ultra high molecular weight polyethylene (PE, white).*

### Guide rail, conical profile, flat 25

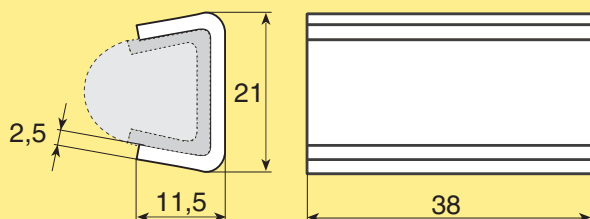


Guide rail  
Length 3 m

**5114017**

*Extruded ultra high molecular weight polyethylene (PE, white).*

### Connecting sleeve

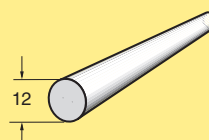


Connecting sleeve  
Stainless steel

**5114959**

*To connect two guide rails. The part can be tapped on with a hammer.*

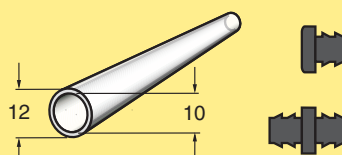
### Steel rod 12 mm



Stainless steel rod 12 mm  
Length 3000 mm

**5048965**

### Steel tube 12 mm (guide rail)



Straight steel tube 12 mm  
Stainless steel  
Length 3000 mm +50 -10 mm

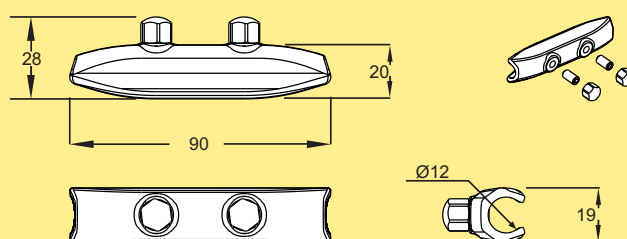
**5054952**

End plug  
Connecting plugs (10 pcs)

**XLRZ 12\***  
**5056685**

*\*Note. Must be ordered in multiples of 50*

### Connecting sleeve

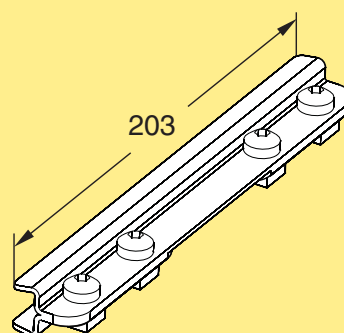


Connecting sleeve

**XBRJX 12x90**

*Including stainless screws and nuts.*

### Connecting sleeve, conical profile

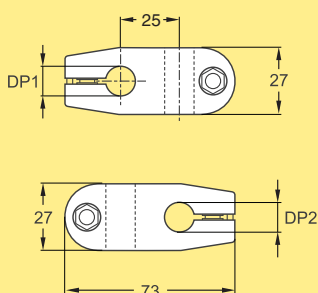


Connecting sleeve  
Stainless steel

**5114957**

*Allows one rail to slide within the clamp while the other remains fixed.*

## Cross connector

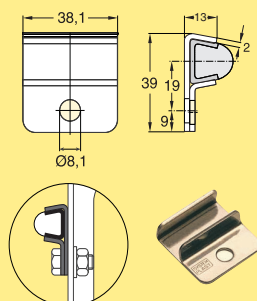


Cross connector DP1=12 DP2=12 **5114461**  
 Cross connector DP1=12 DP2=16 **5114897**

Material: acetal resin with stainless steel fasteners.

Connects two round rods at 90°

## Guide rail clamp for conical profiles

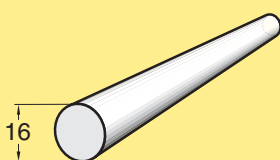


Guide rail clamp support,  
 Stainless steel

**5114020**

M8 screw (not included)

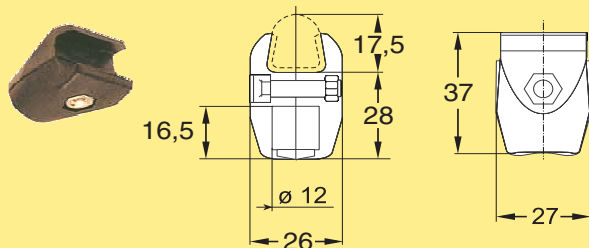
## Steel rod 16 mm



Straight steel rod 16 mm  
 Stainless steel  
 Length 3000 mm

**5114993**

## Guide rail clamp, conical profile

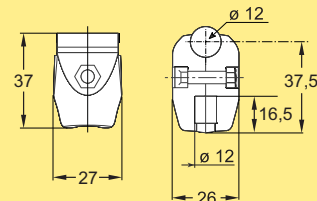


Guide rail

**5114896**

Clamp in reinforced polyamide,  
 bolt in stainless steel, nut in nickel  
 plated brass.

## Guide rail clamp, round profile

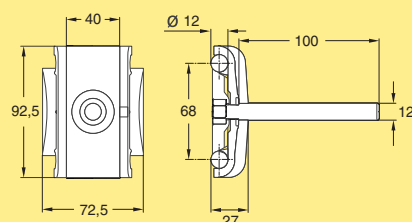
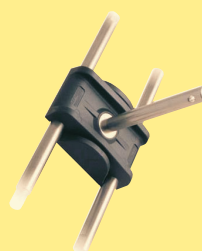


Guide rail

**5114960**

Clamp in reinforced polyamide,  
 bolt in stainless steel, nut in nickel  
 plated brass.

## Guide rail clamp, double round profile

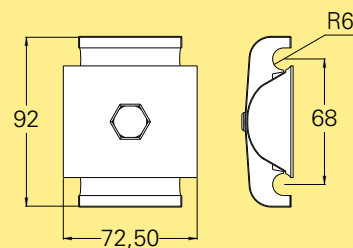
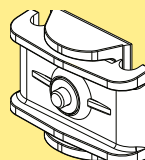


Guide rail

**5114907**

Clamp in reinforced polyamide, nut  
 and rod in stainless steel.

## Guide rail clamp, double round profile

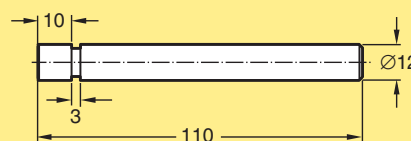


Guide rail

**XLRK 12 D69**

Clamp in reinforced polyamide with bolt in stainless  
 steel. For use with XLRFX 47X93.

## Guide rail clamp rod, plain, 12 mm



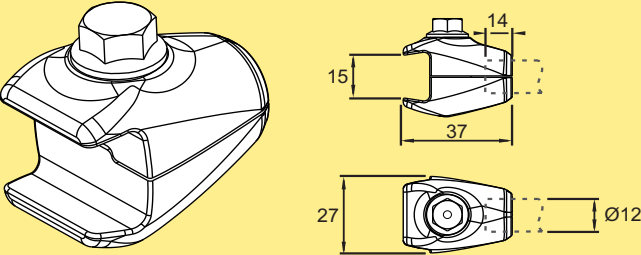
Guide rail clamp rod, plain  
 Stainless steel

**5050986**

For use with guide rail clamp 5114896 or 5114960

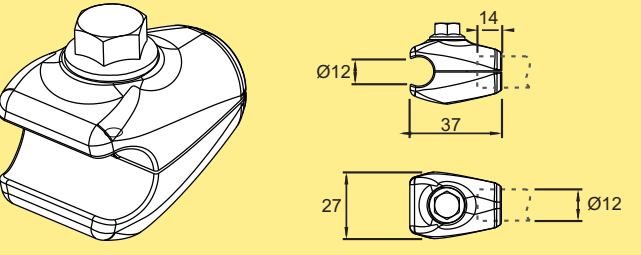
P0  
 XLX  
 X70X  
 X85X  
 X180X  
 X300X  
 WL  
 222X  
 WL  
 273X  
 WL  
 374X  
 WL  
 526X  
 WL  
 678X  
 CSX  
 GRX  
 FSTX  
 TR  
 APX  
 IDX

**Guide rail clamp, conical rail**



Guide rail **XBRKX 12 CE**  
*Clamp and hardware in stainless steel.*

**Guide rail clamp, round rail**



Guide rail **XBRKX 12 DE**  
*Clamp and hardware in stainless steel.*

PO  
XLX  
X70X  
X85X  
X180X  
X300X  
WL  
222X  
WL  
273X  
WL  
374X  
WL  
526X  
WL  
678X  
CSX  
GRX  
FSTX  
TR  
APX  
IDX



