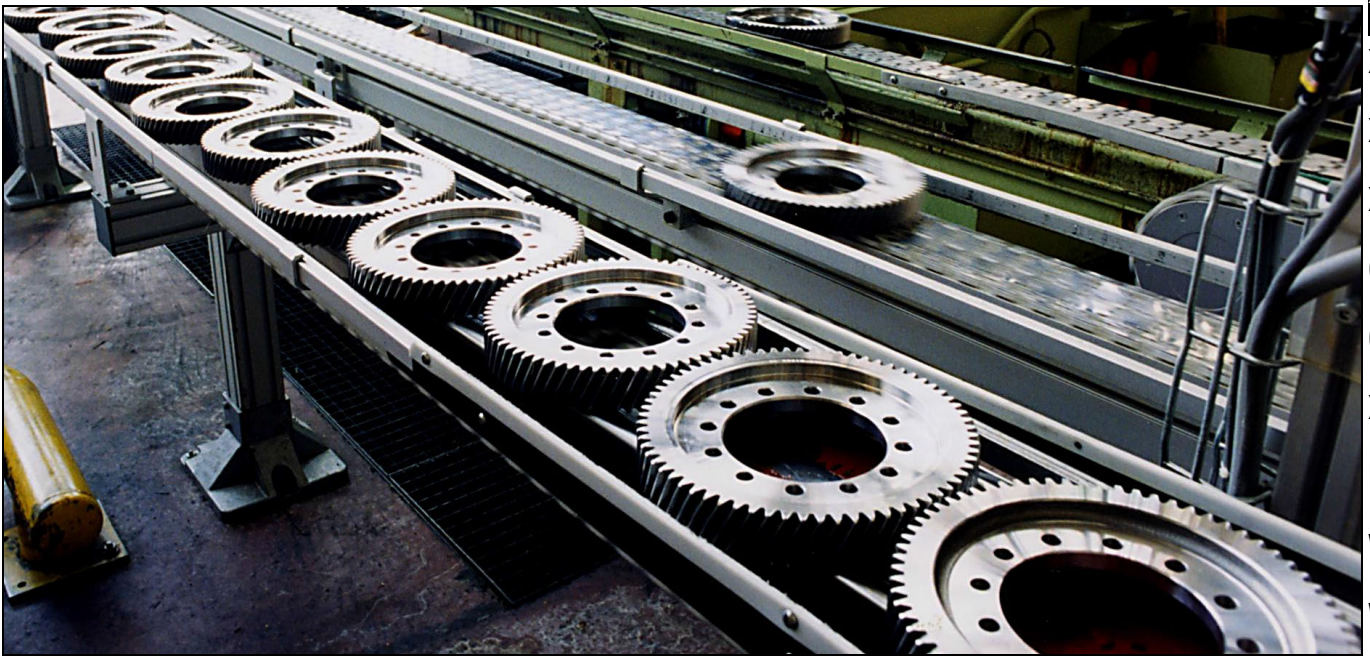


Conveyor system XK

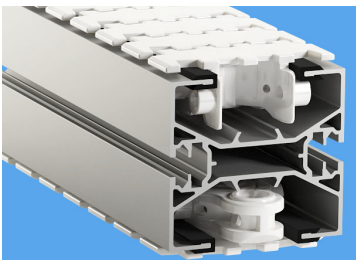
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System information



Chain width 102 mm



Features

Suitable for larger items, especially if point of balance is somewhat offcenter. Higher capacity than other types. Includes components for pallet handling.

Examples of application areas

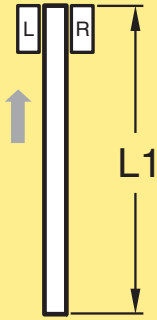
Ball and roller bearings, heavy boxes, gear wheels, motor parts on pallets, disk brakes, hydraulic pumps.

Technical characteristics

Drive unit capacity.....	2500 N
Chain tension limit.....	2500 N
Beam width.....	105 mm
Chain width.....	102 mm
Chain pitch.....	38,1 mm
Item width.....	50–300 mm
Maximum item weight	
Horizontal transport.....	30 kg
Vertical transport.....	15 kg
Maximum weight on conveyor.....	800 kg
Maximum conveyor length.....	40 m
Maximum permitted load per link	5,0 kg

Conveyor modules

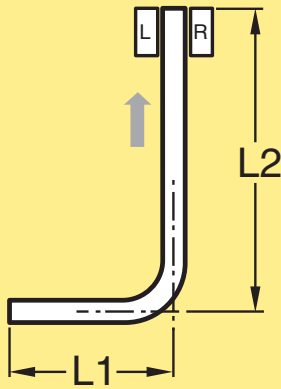
Straight conveyor



Conveyor module – straight * **5990226**

**Use online configurator when ordering*

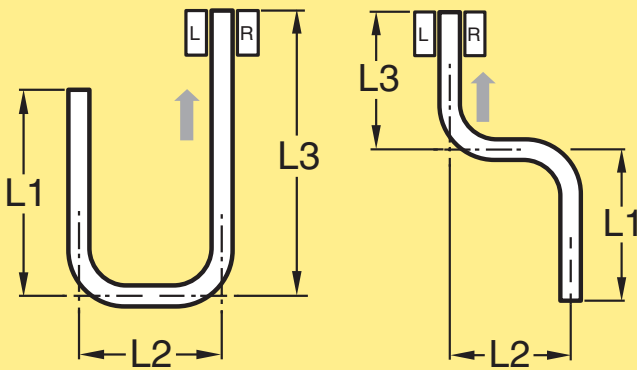
One bend conveyor



Conveyor module – one bend * **5990230**

**Use online configurator when ordering*











Two bend conveyor



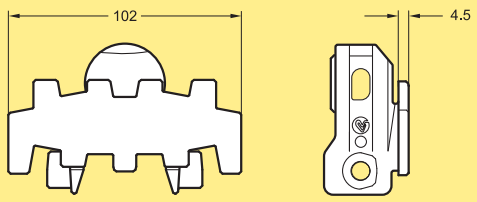
Conveyor module – two bends * **5990237**

**Use online configurator when ordering*

Support modules – single and multi-lane

	5995387	Single diecast
	5995388	Single end adjustable
	5995389	Single end guide roller
	5995390	Single foot plate
	5995393	Multi single 2 lane
	5995394	Multi single 3 lane
	5995395	Multi single 4 lane
	5995396	Multi double 2 lane
	5995397	Multi double 3 lane
	5995398	Multi double 4 lane

Plain chain



Plain chain
Length 5 m **XKTP 5**

Plain link kit * **5056639**

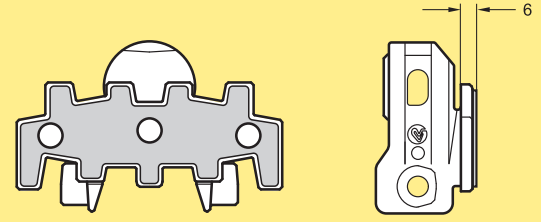
Plain chain (Ultra low wear)
Length 5 m **XKTP 5 C**

Plain link (Ultra low wear) **n.a.**

Note. This chain must not be used in pallet applications. For this, please use closed top chain XKTP 5 K.

**Link kit contains 10 links, 10 pivots, 10 steel pins*

Steel top chain

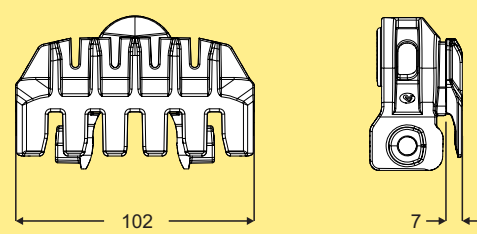


Steel top chain
Length 5 m **XKTP 5 TF**

Steel top link kit * **5056644**

**Link kit contains 10 links, 10 pivots, 10 steel pins*

Plain chain

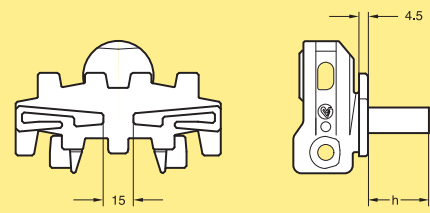


Plain chain
Length 5 m **XKTP 5 K**

Plain chain link kit * **FLX1003736**

**Link kit contains 10 links, 10 pivots, 10 steel pins*

Cleated chain, Type A



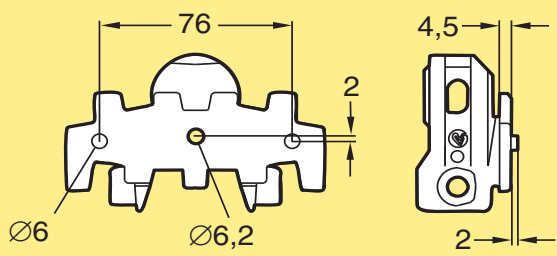
Cleated chain
Type A cleats
Length 5 m
h=15 mm **XKTF 5x15 A**
h=20 mm **XKTF 5x20 A**
h=30 mm **XKTF 5x30 A**
h=40 mm **XKTF 5x40 A**

Use the online configurator to specify and order.

Cleated link kit *
h=15 mm **5056645**
h=20 mm **5056646**
h=30 mm **5056647**
h=40 mm **5056648**

**Link kit contains 10 links, 10 pivots, 10 steel pins*

Universal chain



Universal chain
Length 5 m **XKTF 5 U**

Use the online configurator to specify and order.

Universal link kit * **5056642**

The link has a hole for an M6 screw. M6 nut will fit inside the link.

**Link kit contains 10 links, 10 pivots, 10 steel pins*

Other chains

See the *Chain guide* for a selection of other chains.

Chain installation

See Appendix D, page 527, for installation instructions.

Chain accessories XK

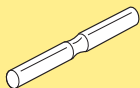
Plastic pivot



Plastic pivot, kit (25 pcs) XK

5111497

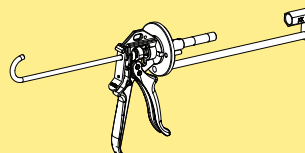
Steel pin



Steel pin, kit (25 pcs) XK

5111498

Pin insertion tool for chain

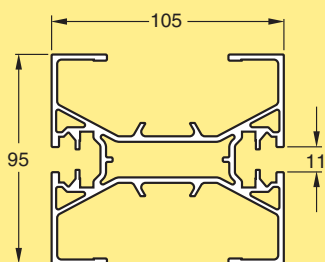


Pin insertion tool XK

XKMJ 8 P

Beams XK

Conveyor beam, standard



Beam, standard

Length 3000 +10/-0 mm

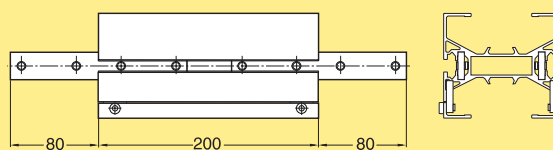
Length to order (30- 3000 mm)

XKCB 3

XKCB L

Slide rail: see page 245

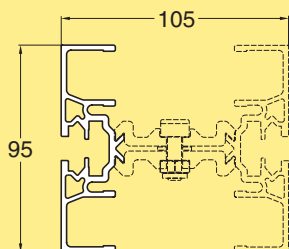
Beam section for chain installation



Beam section for chain installation **XKCC 200 A**

Including connecting strips and screws

Profile for split conveyor beam



Profile for split conveyor beam

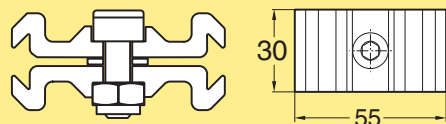
Length 3000 +10/-0 mm

Length to order (30- 3000 mm)

XKCB 3 H

XKCB L H

Beam clip assembly



Beam clip assembly

XKCE 55x30

Including M8 screw and locking nut. Use minimum 5 clips per meter. Place clips 100 mm from each end.

Connecting strip with set screws

Connecting strip with set screws
 $h=25, a=44, b=44, L=160$
XLCJ 6x160
Note. Contains 10 pcs.

Cover strip for T-slot, aluminium

Cover strip for T-slot
 Aluminium, anodized
 Length 2 m
XCAC 2
Note! Can't be used with bends

Cover strip for T-slot, PVC

Cover strip for T-slot
 Grey PVC
 Length 3 m
XCAC 3 P
Note! Can't be used with bends

Beam spacer

XS	X65	X85/XH	XK
h=16,0 mm	h=15,9 mm	h=10,5 mm	h=0,5 mm

Beam spacer
 Aluminium, anodized
 Length 3 m
XLCD 3
For connection of two conveyor beams side to side. Use M8 screw and slot nut. Two holes must be drilled, one through the spacer (9 mm) and one through the beam, to allow insertion of the screw. The diameter of the second hole depends on the size of the screw head.

Cover strip for T-slot, PVC

Cover strip for T-slot
 Length 25 m
 Grey PVC
XCAC 25 P

Slide rails XK

Plastic slide rails for XK beams

Slide rail
 Length 25 m
 PVDF ($\mu=0,15-0,35$) (Natural white) **XWCR 25 P**
 (t=2,5)
 UHMW-PE ($\mu=0,1-0,25$) (White) **XKCR 25 U**
 (t=2,6)
 PA-PE ($\mu=0,1-0,25$) (Grey) **XKCR 25 H**
 (t=2,45)
See Appendix A, page 517 for selection guidelines and assembly instructions.

Mounting tool for slide rail

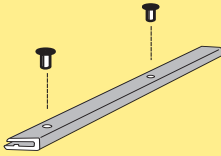
Mounting tool for slide rail XK **XKMR 200**

Plastic screws for slide rail

Plastic screws 5 mm for XK beams **XWAG 5**
Note. Contains 50 pcs.

Slide rails XK (continued)

Aluminium rivets



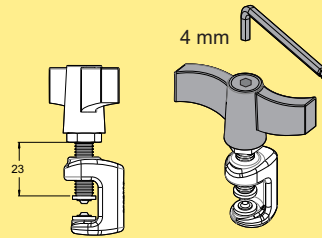
Aluminium rivets 4 mm for XK-X180/X300 conveyors, brown

XLAH 4x7

Extra slide rail in plain bends must be anchored using plastic screws due to lack of space for the rivet crimping tool.

Note. Contains 250 pcs..

Rivet crimping clamp

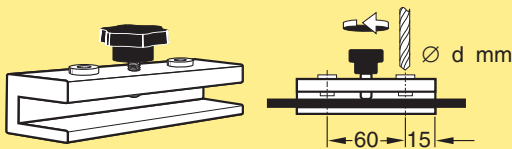


Rivet crimping clamp for X65-X85-XH-XK-X180/X300

For 4 mm rivets
(Allen key not included)

3923005

Drill fixture for slide rail

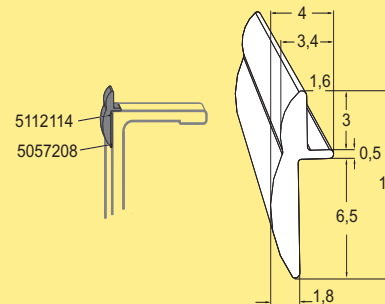


Drill fixture for X65-X85-XH-XK-X180/X300 slide rail

d=4,2 mm

3920500

Cover strip



Cover strip

Length: 3 m

Material: Plastic PA 12

5112114

Cover the opening on the side between the chain and beam. Primarily for straight sections and the outer curves, but can also be mounted on inner curves. Apply using a double-sided tape, see mounting instruction 5497EN in Technical library.

Rivet crimping pliers



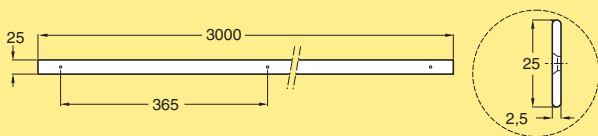
Rivet crimping pliers for X65-X85-XH-XK-X180/X300

For 4 mm rivets

5051395

Slide rails, hardened steel XK

Straight slide rails for XK beams – hardened steel

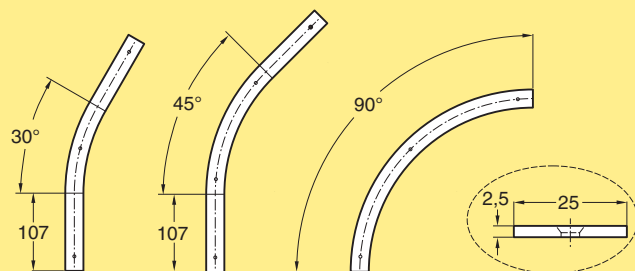


Slide rail, hardened steel
Length 3 m

XKCR 3 TH

*With 9 predrilled holes.
See Appendix B, page 525 for assembly instructions.*

Slide rails for XK bends – hardened steel



Slide rail for bends, hardened steel

For 30° wheel bend

For 45° wheel bend

For 90° and 180° wheel bends

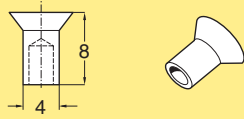
XKCR W30 TH

XKCR W45 TH

XKCR W90 TH

*For 180° bends: use two 90° slide rails.
See Appendix B, page 525 for assembly instructions.*

Brass rivets



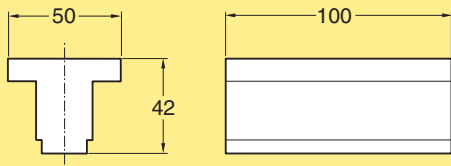
Brass rivets (100 pcs)

5056167

Rivets for anchoring the slide rails

See Appendix B, page 525 for assembly instructions.

Slide rail fixture



Slide rail fixture

5056186

The fixture is used when anchoring the slide rail. Two fixtures are required.

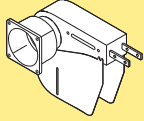
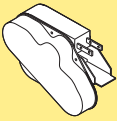
See Appendix B, page 525 for assembly instructions.

Drive unit types

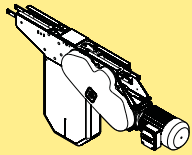
The XK systems consist of several configurations, including direct driven units as well as driven units with suspended motor and transmission chain.

Available motors include variable speed types (**V**) as well as fixed speed motors (**F**).

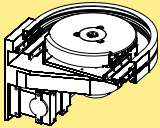
End drive units

Size	Direct drive, slip clutch	Suspended motor, transmission chain, slip clutch
		
Heavy	F, V	F
Heavy	–	F

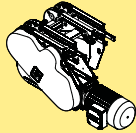
Catenary drive units

Size	Suspended motor, transmission chain, slip clutch
	
Heavy	F
Heavy	F

Wheel bend drive units

Size	Suspended motor, transmission chain, slip clutch
	
Heavy	F

Double drive units

Size	Suspended motor, transmission chain, slip clutch
	
Heavy	F

Motor specifications

Motors are available for 230/400 V, 50 Hz and 230/460 V, 60 Hz. Variable speed motors are SEW Movimot, 380–500 V. Note that variable speed motors include a control box that adds 120 mm to the width of the motor.

IP55 available with standard oil.

IP65 available with food grade oil.

Ordering information

Drive units with motors must be specified using the web-based configurator. The configurator provides detailed information and step-by-step guidance in the specification process. A product code string is generated, containing the specification details. See next page for examples of code strings.

Drive units *without* motors can be ordered using the designations in the catalogue.

Dimension

Note that dimensions relating to drive unit motors depend on the motor specified during the configuration.

End drive unit, suspended motor, slip clutch

End drive unit
Suspended motor
Fixed speed up to 60 m/min
Transmission on left side
Fixed speed *
Without motor (ISO) **XKEB 0 L**
Without motor (ANSI) **XKEB 0 LA**

*Maximum traction force: 1250 N. See page 22.
*Use online configurator when ordering.
Effective track length: 0,85 m*

End drive unit, suspended motor, slip clutch

End drive unit, high capacity
Suspended motor
Fixed speed up to 25 m/min
Transmission on left side
Fixed speed *
Without motor (ISO) **XKEB 0 HL**
Without motor (ANSI) **XKEB 0 HLA**

*Maximum traction force: 2500 N. See page 22.
Effective track length: 0,85 m
*Use online configurator when ordering.
Note! Only motors with brakes can be selected*

End drive unit, suspended motor, slip clutch

Drive unit
Suspended motor
Fixed speed up to 60 m/min
Transmission on right side
Fixed speed *
Without motor (ISO) **XKEB 0 R**
Without motor (ANSI) **XKEB 0 RA**

*Maximum traction force: 1250 N. See page 22.
*Use online configurator when ordering.
Effective track length: 0,85 m*

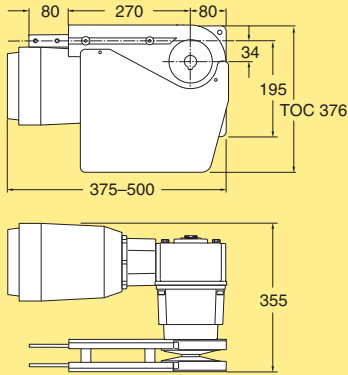
End drive unit, suspended motor, slip clutch

End drive unit, high capacity
Suspended motor
Fixed speed up to 25 m/min
Transmission on right side
Fixed speed *
Without motor (ISO) **XKEB 0 HR**
Without motor (ANSI) **XKEB 0 HRA**

*Maximum traction force: 2500 N. See page 22.
Effective track length: 0,85 m
*Use online configurator when ordering.
Note! Only motors with brakes can be selected*

End drive units XK, direct drive with slip clutch

End drive unit, direct drive with slip clutch

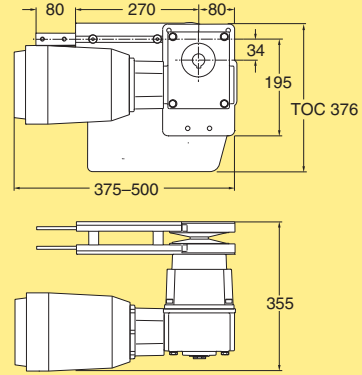


End drive unit, direct drive
 Fixed speed up to 60 m/min
 Variable speed: see *Drive Unit Guide*
 Motor on left side
 Fixed/variable speed *
 Without motor

XKEB
XKEB 0 LP

Maximum traction force: 1250 N. See page 22.
 *Use online configurator when ordering.
 Effective track length: 0,80 m

End drive unit, direct drive with slip clutch



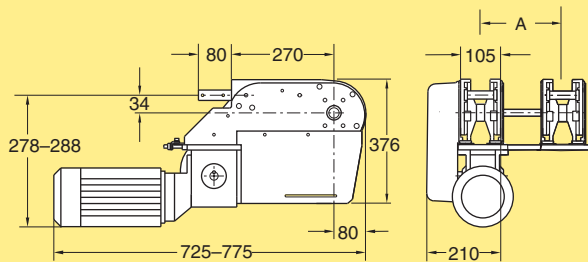
End drive unit, direct drive
 Fixed speed up to 60 m/min
 Variable speed: see *Drive Unit Guide*
 Motor on right side
 Fixed/variable speed *
 Without motor

XKEB
XKEB 0 RP

Maximum traction force: 1250 N. See page 22.
 *Use online configurator when ordering.
 Effective track length: 0,80 m

Double drive units XK

Double drive unit, suspended



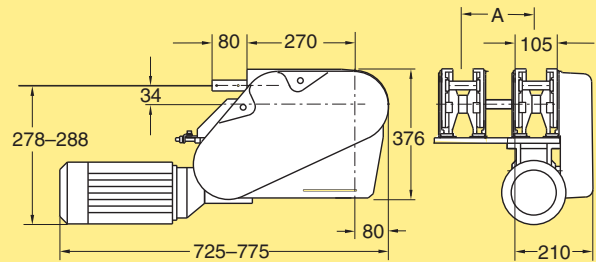
Double drive unit
 Fixed speed up to 50 m/min
 Suspended motor
 Transmission on left side
 A = 106 mm
 Fixed speed *
 Without motor (ISO)
 Without motor (ANSI)

XKEB DD
XKEB 0 LD106
XKEB 0 LAD106

A = 150-350 mm
 Without motor (ISO)
 Without motor (ANSI)
XKEB 0 LD-
XKEB 0 LAD-

Maximum traction force: 1250 N. See page 22.
 *Use online configurator when ordering.
 Effective track length: 0,85 m

Double drive unit, suspended



Double drive unit
 Fixed speed up to 50 m/min
 Suspended motor
 Transmission on right side
 A = 106 mm
 Fixed speed *
 Without motor (ISO)
 Without motor (ANSI)

XKEB DD
XKEB 0 RD106
XKEB 0 RAD106

A = 150-350 mm
 Without motor (ISO)
 Without motor (ANSI)
XKEB 0 RD-
XKEB 0 RAD-

Maximum traction force: 1250 N. See page 22.
 *Use online configurator when ordering.
 Effective track length: 0,85 m

Catenary drive unit, suspended

Catenary drive unit
Suspended motor
Fixed speed up to 30 m/min
Transmission on left side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

XKEC
XKEC 0 L
XKEC 0 LA

Maximum traction force: 1250 N. See page 22.
*Use online configurator when ordering.
Effective track length: 1,60 m

Catenary drive unit, suspended

Catenary drive unit
Suspended motor
Fixed speed up to 30 m/min
Transmission on right side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

XKEC
XKEC 0 R
XKEC 0 RA

Maximum traction force: 1250 N. See page 22.
* Use online configurator when ordering.
Effective track length: 1,60 m

Catenary drive unit, suspended

Catenary drive unit, high capacity
Suspended motor
Fixed speed up to 25 m/min
Transmission on left side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

XKEC
XKEC 0 HL
XKEC 0 HLA

Maximum traction force: 2500 N. See page 22.
Effective track length: 1,60 m
*Use online configurator when ordering.
Note! Only motors with brakes can be selected

Catenary drive unit, suspended

Catenary drive unit, high capacity
Suspended motor
Fixed speed up to 25 m/min
Transmission on right side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

XKEC
XKEC 0 HR
XKEC 0 HRA

Maximum traction force: 2500 N. See page 22.
Effective track length: 1,60 m
*Use online configurator when ordering.
Note! Only motors with brakes can be selected

S-Transfer

S-Transfer

S-transfer for return chain
for XK

XKCY D

Effective track length: 3,3 m

Wheel bend drive unit XK

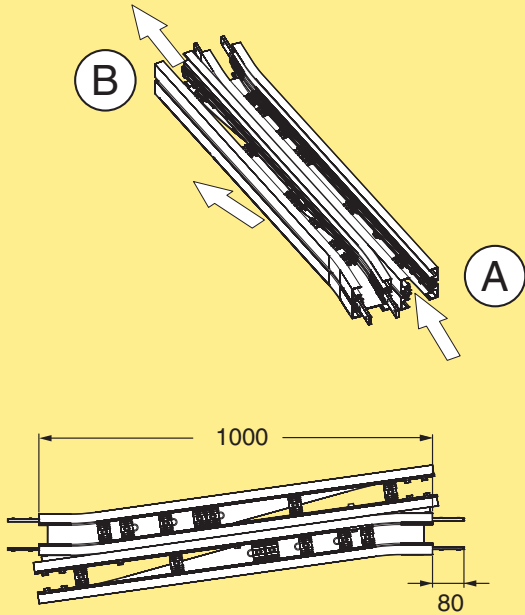
Wheel bend drive unit, 180°
Fixed speed up to 30 m/min
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

XKEW
XKEW 180/0
XKEW 180/0 A

Maximum traction force: 200 N. See page 22.
*Use online configurator when ordering.
Effective track length: 0,85 m

X-Bends

X-Bend



X-bend for top chain

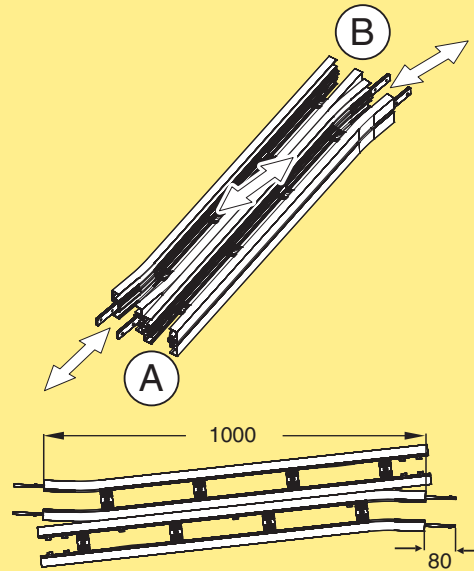
For optional mounting of Idler end unit or Drive unit at the end (A) or (B)

XKCX 105 R

Effective track length: 3,3 m

Note! Special arrangement for connecting beam support brackets

X-Bend



X-bend for return chain

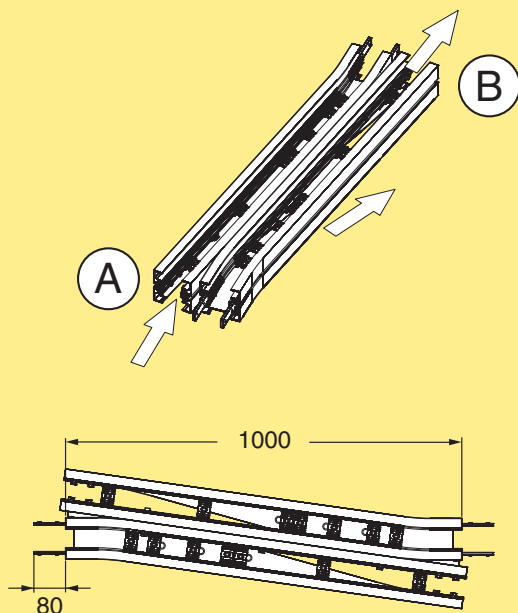
For optional mounting of Idler end unit or Drive unit at the end (A) or (B)

XKCX 105 D

Effective track length: 4,3 m

Note! Special arrangement for connecting beam support brackets

X-Bend



X-bend for top chain

For optional mounting of Idler end unit or Drive unit at the end (A) or (B)

XKCX 105 L

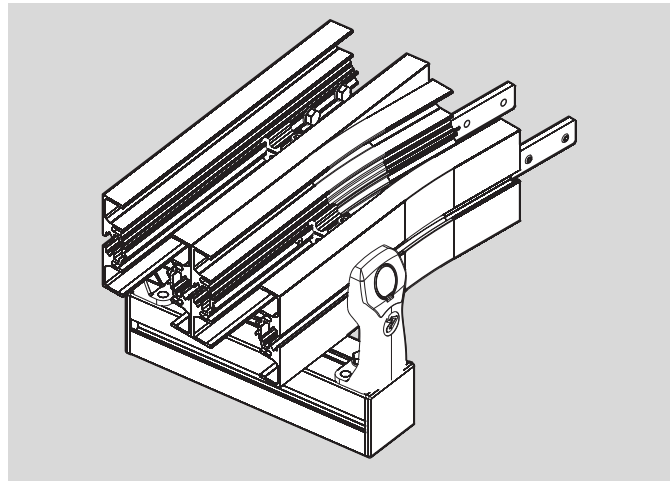
Effective track length: 3,3 m

Note! Special arrangement for connecting beam support brackets

Support components for X-bends

X-bends must have a special arrangement for connecting beam support brackets. See example in figure below.

Read more about beam support brackets on page 331.



Idler units XK

Idler end unit

Idler end unit **XKEJ 350**
 Effective track length: 0,85 m

Protective cover for idler end unit

Protective cover for idler end unit **XKSJ 202**

Idler bend unit, 90°

Idler bend unit, 90° **XKEK 90R70**
 Effective track length: 0,70 m
 Note. Cannot be used with return chain

Wheel bends XK

Wheel bend, 30°

Wheel bend, 30° **XKBH 30R200**
 Effective track length: 0,35 m 1-way (0,65 m 2-way)

Wheel bend, 90°

Wheel bend, 90° **XKBH 90R200**
 Effective track length: 0,55 m 1-way (1,10 m 2-way)

Wheel bend, 45°

Wheel bend, 45° **XKBH 45R200**
 Effective track length: 0,40 m 1-way (0,75 m 2-way)

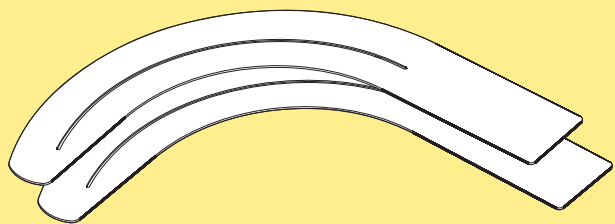
Wheel bend, 180°

Wheel bend, 180° **XKBH 180R200**
 Effective track length: 0,85 m 1-way (1,70 m 2-way)

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

Wheel cover for Wheel bend

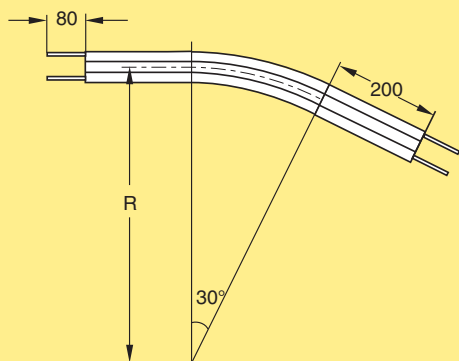
Wheel cover for XK



Wheel cover for XK **5112250**
 (Including one pair of Wheel cover
 5112247 and 2 tap screw ISO
 7049 4,2x6,5-C-H-A2K)

Plain bends XK

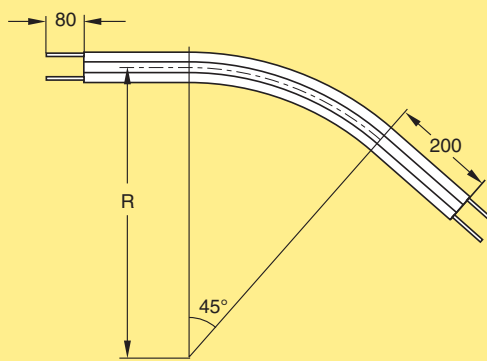
Plain bend, 30°



Plain bend, 30°±1°
 R=500±10 mm **XKBP 30R500**
 R=700±10 mm **XKBP 30R700**
 R=1000±10 mm **XKBP 30R1000**

Effective track lengths:
 R500: 0,70 m 1-way (1,35 m 2-way)
 R700: 0,80 m 1-way (1,55 m 2-way)
 R1000: 0,95 m 1-way (1,85 m 2-way)

Plain bend, 45°



Plain bend, 45°±1°
 R=500±10 mm **XKBP 45R500**
 R=700±10 mm **XKBP 45R700**
 R=1000±10 mm **XKBP 45R1000**

Effective track lengths:
 R500: 0,80 m 1-way (1,60 m 2-way)
 R700: 0,95 m 1-way (1,90 m 2-way)
 R1000: 1,20 m 1-way (2,40 m 2-way)

Plain bend, 60°

Plain bend, $60^\circ \pm 1^\circ$
 R=500±10 mm
 R=700±10 mm
 R=1000±10 mm

XKBP 60R500
XKBP 60R700
XKBP 60R1000

Effective track lengths:
 R500: 0,95 m 1-way (1,85 m 2-way)
 R700: 1,15 m 1-way (2,30 m 2-way)
 R1000: 1,45 m 1-way (2,90 m 2-way)

Plain bend, 90°

Plain bend, $90^\circ \pm 1^\circ$
 R=500±10 mm
 R=700±10 mm
 R=1000±10 mm

XKBP 90R500
XKBP 90R700
XKBP 90R1000

Effective track lengths:
 R500: 1,20 m 1-way (2,40 m 2-way)
 R700: 1,50 m 1-way (3,00 m 2-way)
 R1000: 2,00 m 1-way (3,95 m 2-way)

Vertical bends XK

Vertical bend, 5°

Vertical bend, 5°

XKBP 5R750

Effective track length: 0,25 m 1-way (0,50 m 2-way)

Vertical bend, 30°

Vertical bend, 30°

XKBP 30R750

Effective track length: 0,60 m 1-way (1,15 m 2-way)

Vertical bend, 15°

Vertical bend, 15°

XKBP 15R750

Effective track length: 0,40 m 1-way (0,75 m 2-way)

Vertical bend, 45°

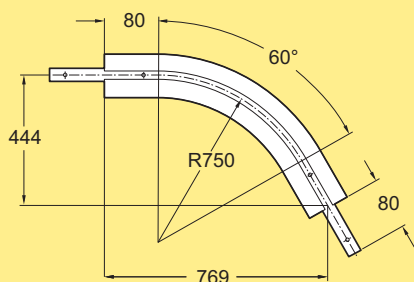
Vertical bend, 45°

XKBP 45R750

Effective track length: 0,80 m 1-way (1,55 m 2-way)

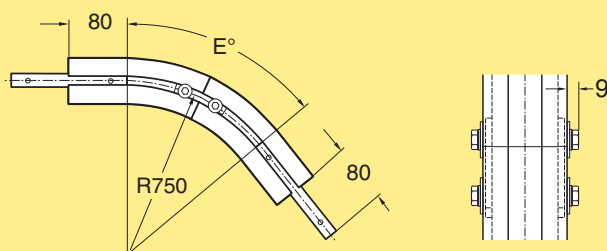
Vertical bends XK (continued)

Vertical bend, 60°



Vertical bend, 60° **XKBV 60R750**
Effective track length: 1,00 m 1-way (1,95 m 2-way)

Vertical bend, 5°–90°

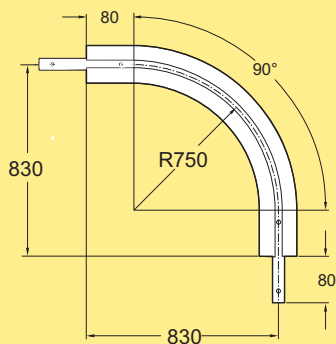


Vertical bend, 5°–90°

XKBV ER750

The bend is cut in the middle to the desired angle and assembled using connecting strips. The angle "E" must be specified when ordering.

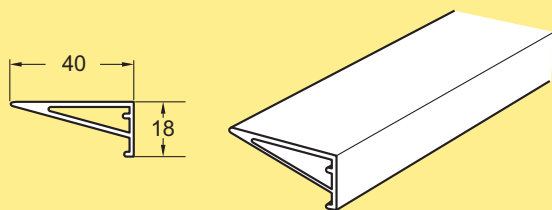
Vertical bend, 90°



Vertical bend, 90° **XKBV 90R750**
Effective track length: 1,40 m 1-way (2,70 m 2-way)

Angle plates XK

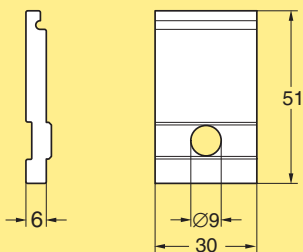
Angle plate, straight



Angle plate
Length 3 m

XHRP 3

Angle plate bracket



Angle plate bracket

3927082

Front piece

Front piece
Length 3 m **XKVF 3**

Sliding strip for front piece
Length 2 m **XKVG 2**

Linkage kit for front piece

Linkage kit
W=190, D=43 **XKVK 43**
W=290, D=93 **XKVK 93**

Kit consists of two support pairs and one locking device.

Front piece upper bend

Upper bend, 60° **XKVA 60R830**
Includes connecting strip with screws

Bend support for front piece

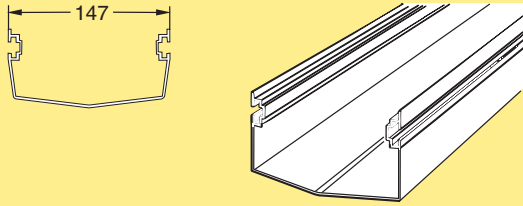
Bend support
D=43 mm **XKVS 43**
D=93 mm **XKVS 93**

Front piece lower bend

Lower bend, 60° **XKVB 60R670**
Includes connecting strip with screws

Drip trays XK

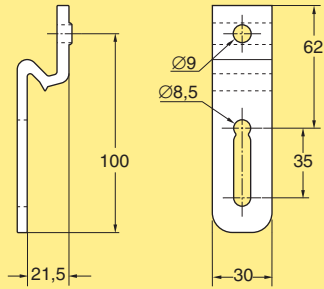
Drip tray



Drip tray
Length 3 m

XKDT 3×147

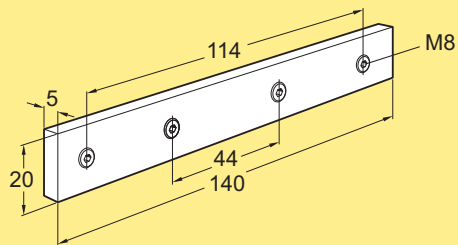
Drip tray bracket



Drip tray bracket

XLDB 21×100

Connecting strip

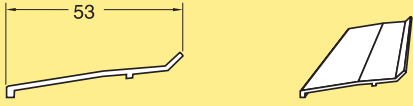


Connecting strip with set screws **XLCJ 5×140**

Note. Contains 10 pcs.

Drip catchers XK

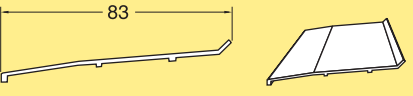
Drip catcher 53 mm



Drip catcher 53 mm
Length 3 m

XHDS 3x53

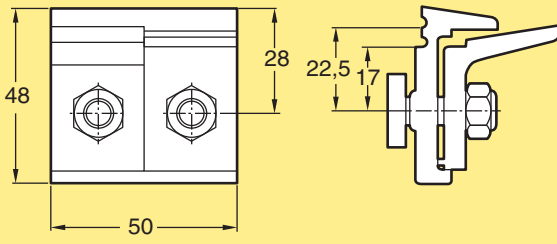
Drip catcher 83 mm



Drip catcher 83 mm
Length 3 m

XHDS 3x83

Drip catcher bracket assembly



Drip catcher bracket assembly
Height 23 mm

XHDR 23

Including T-bolts and nuts

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

