

## Series R58 | Removable lids along outer radius

Removable lids along outer radius	<i>Bi</i> [mm]	<i>Ba</i> [mm]	<i>R</i> Bending radii [mm]	Weight [kg/m]
58.050.R.0	50	66	075   100   125   150   200   250	≈ 1,50
58.075.R.0	75	91	075   100   125   150   200   250	≈ 1,77
58.100.R.0	100	116	075   100   125   150   200   250	≈ 2,04
58.125.R.0	125	141	075   100   125   150   200   250	≈ 2,31
58.150.R.0	150	166	075   100   125   150   200   250	≈ 2,61
58.175.R.0	175	191	075   100   125   150   200   250	≈ 2,88
58.200.R.0	200	216	075   100   125   150   200   250	≈ 3,15

Supplement Part No. with required radius (*R*). Example: 58.100.100.0

### Hot Chips up to 850°C

e-tubes that repel hot chips, up to 850°C. Some applications, depending on amount and size of the chips, can burn or melt the surface. That is no longer the case with the igus® "igumid HT" material. Order example: Full e-tube made of igumid HT:

**Part No. 58.100.100.0.HT** (for long travels upon request)

Delivery time upon request. **More information** ► [www.igus.eu/HT](http://www.igus.eu/HT)



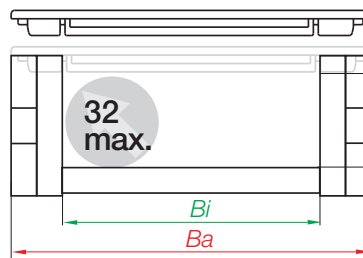
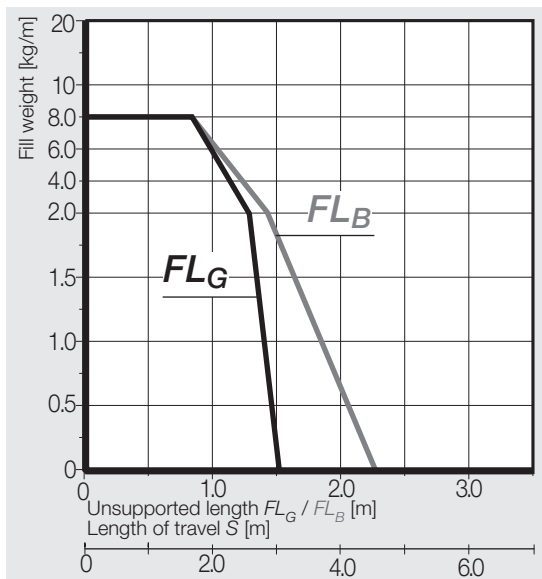


▶ 656

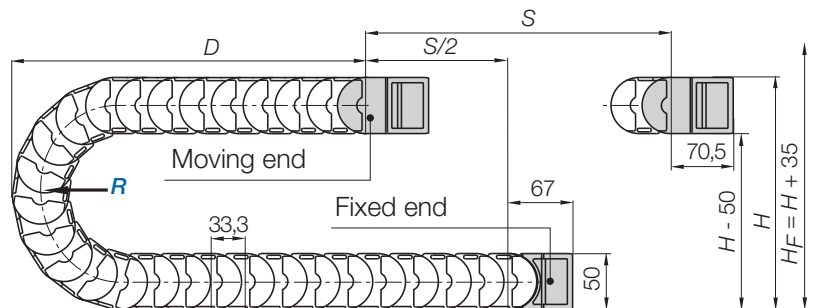


▶ 706

## Unsupported applications | Short travels



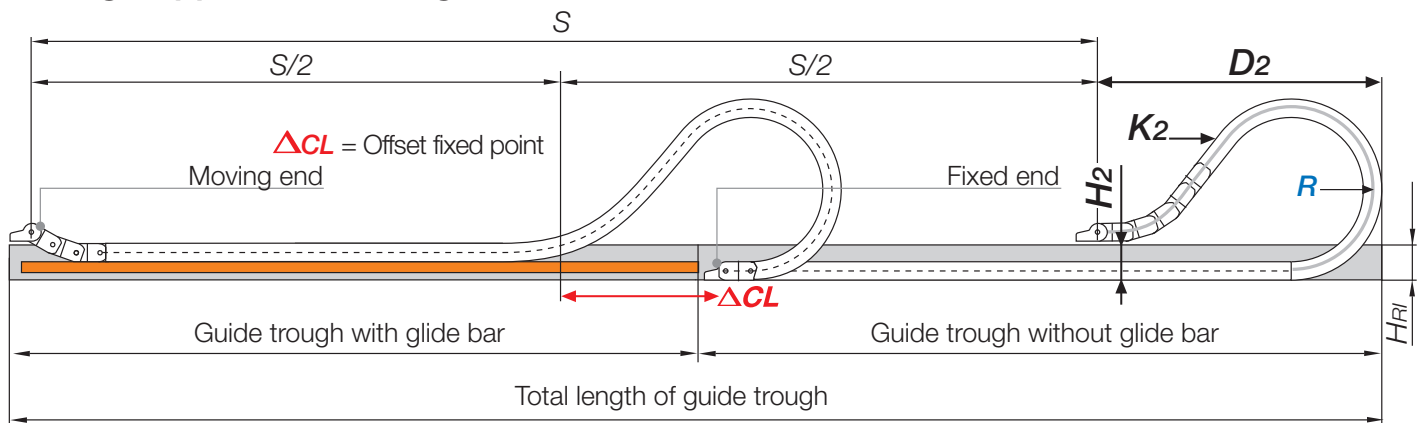
Inner height 35 mm  
 Pitch 33,3 mm/link  
 Links/m 30 (999 mm)  
 Chain length  $S/2 + K$



R	075	100	125	150	200	250
H	200	250	300	350	450	550
D	150	175	200	225	275	325
K	305	385	460	540	695	855

The required clearance height:  $H_F = H + 35$  mm (with 0,5 kg/m fill weight)

## Gliding<sup>1)</sup> applications | Long travels from 5 m to max. 75 m



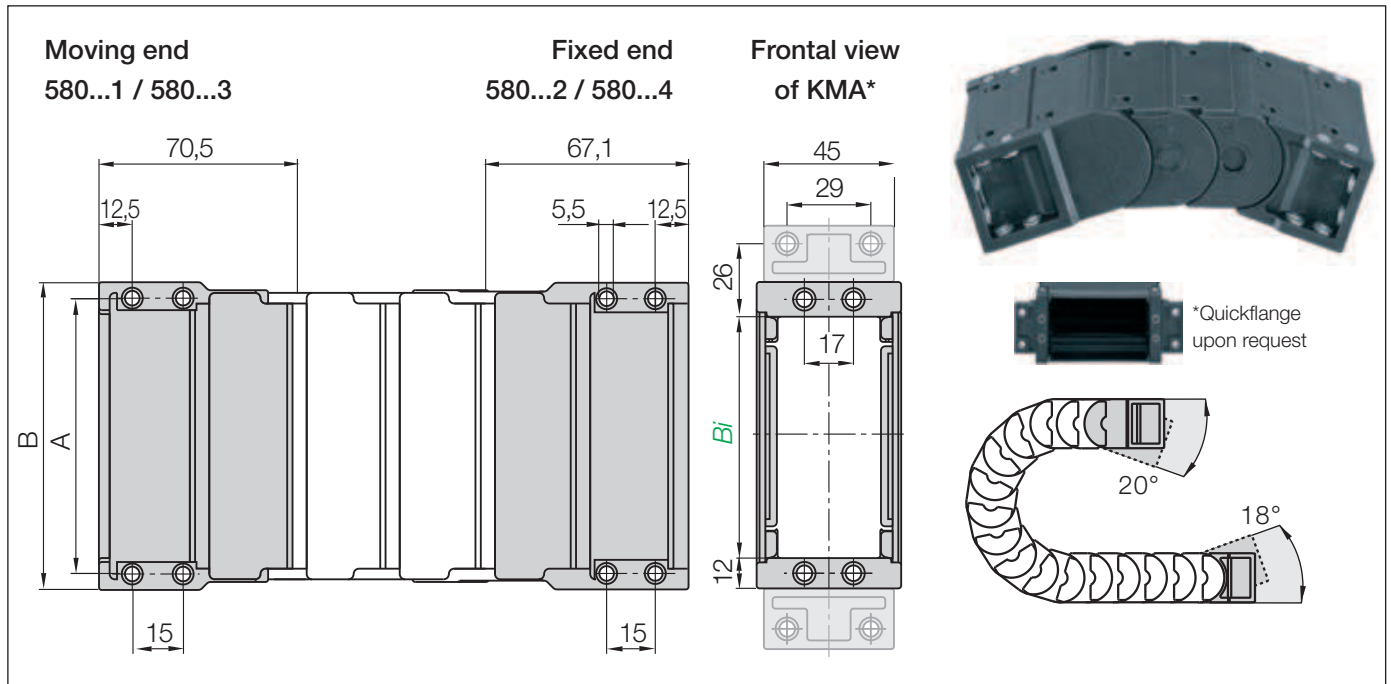
**Note:** For long travel applications we recommend to realize the engineering of such a plant by our technicians.

In case of travels between 3 and 5 m we recommend a longer unsupported length. Chain length  $S/2 + K_2$

1) For gliding applications, please consult igus®.

R	075	100	125	150	200	250
H <sub>2</sub>	150	166	166	166	166	166
D <sub>2</sub>	150	310	380	480	800	1050
K <sub>2</sub>	375	500	699	866	1265	1665
ΔCL	*	122	167	247	512	717

\*Values upon request



**KMA pivoting** | Recommended for unsupported applications | **Standard KMA locking** | Recommended for vertical hanging and standing applications

Width Index	Part No. full set <b>KMA pivoting:</b>	Part No. full set <b>KMA locking:</b>	Dim. A [mm]	Dim. B [mm]
.050. ▶	580.050.12	580.050.34	62	74
.075. ▶	580.075.12	580.075.34	87	99
.100. ▶	580.100.12	580.100.34	112	124
.125. ▶	580.125.12	580.125.34	137	149
.150. ▶	580.150.12	580.150.34	162	174
.175. ▶	580.175.12	580.175.34	187	199
.200. ▶	580.200.12	580.200.34	212	224

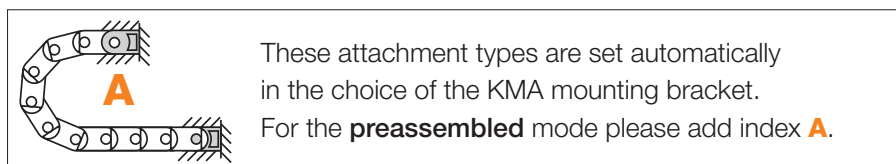
(KMA = Polymer Metal Mounting Bracket)

The following parts are required for attachment of the mounting brackets:

- Socket head cap bolt M5 DIN 912-8,8 Length depends on the thickness of the attachment base
- Washer 5,3 DIN 125-ST
- Hexagon nut M5 DIN 934-8

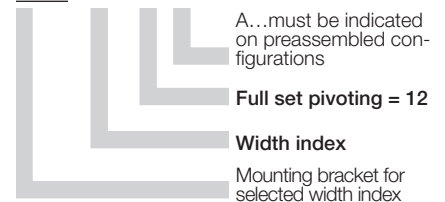
**Full set with assembled Quickflange, please add index QF**

▶ e.g. Part No. 580.100.12.QF. Unassembled Quickflange: Part No. 16800.QF



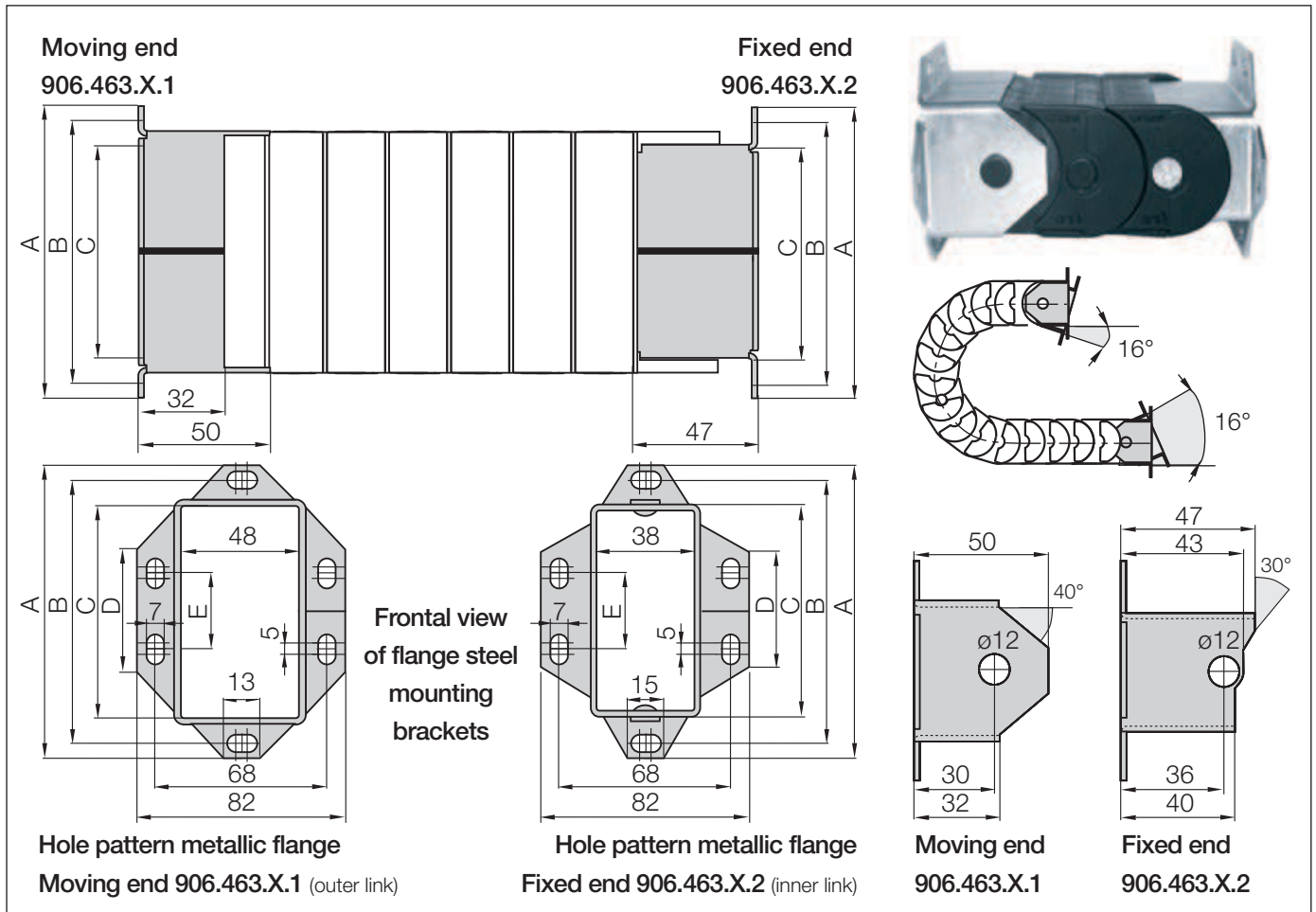
Part No. structure

580. 100. 12 A



**Strain relief** e.g. clamps, tiwrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with order options ▶ from page 656


## Mounting brackets, flange steel | pivoting



## Flange steel, pivoting | Recommended for unsupported applications

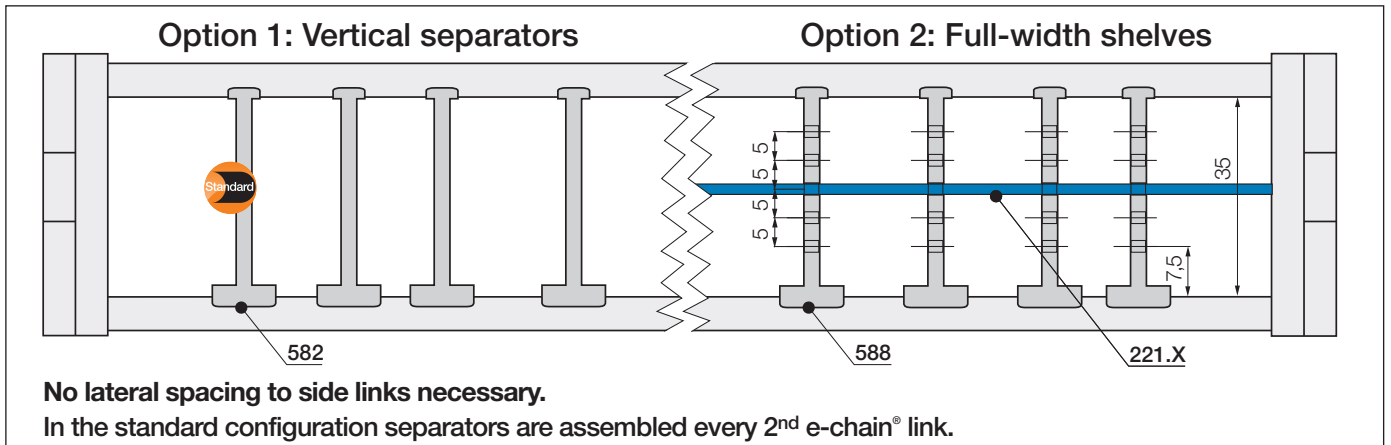
Width Index	Hole pattern	Part No. Moving end	Bi [mm]	Dim. A [mm]	Dim. B [mm]	Dim. C [mm]	Dim. D [mm]	Dim. E [mm]
.050. ▶	58.05	906.463.05.1	50	90,5	78,5	58,3	24,5	20
.075. ▶	58.1	906.463.1.1	75	116	104	83,3	50	30
Width Index	Hole pattern	Part No. Fixed end	Bi [mm]	Dim. A [mm]	Dim. B [mm]	Dim. C [mm]	Dim. D [mm]	Dim. E [mm]
.050. ▶	58.05	906.463.05.2	50	90,5	78,5	57,5	28	20
.075. ▶	58.1	906.463.1.2	75	116	104	82,5	45	30



 **Strain relief** e.g. clamps, tiewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with order options ▶ from page 656

# E2 e-tubes R | Series R58 | Accessories

Interior separation | Option 1 | Option 2



Separator for e-tubes	
unassembled	<b>581</b>
assembled	<b>582</b>

### Separator 581

For a vertical subdivision.  
Offers safe stability due to its wide base design, also when used with thick cables or hoses.

Separator, slotted for e-tubes	
unassembled	<b>587</b>
assembled	<b>588</b>

### Slotted separator 587

Is used when vertical separation is required. Due to its slot, it allows basic vertical/horizontal shelving arrangements.

Full-width shelf for e-tubes	
unassembled	<b>220.X</b>
assembled	<b>221.X</b>

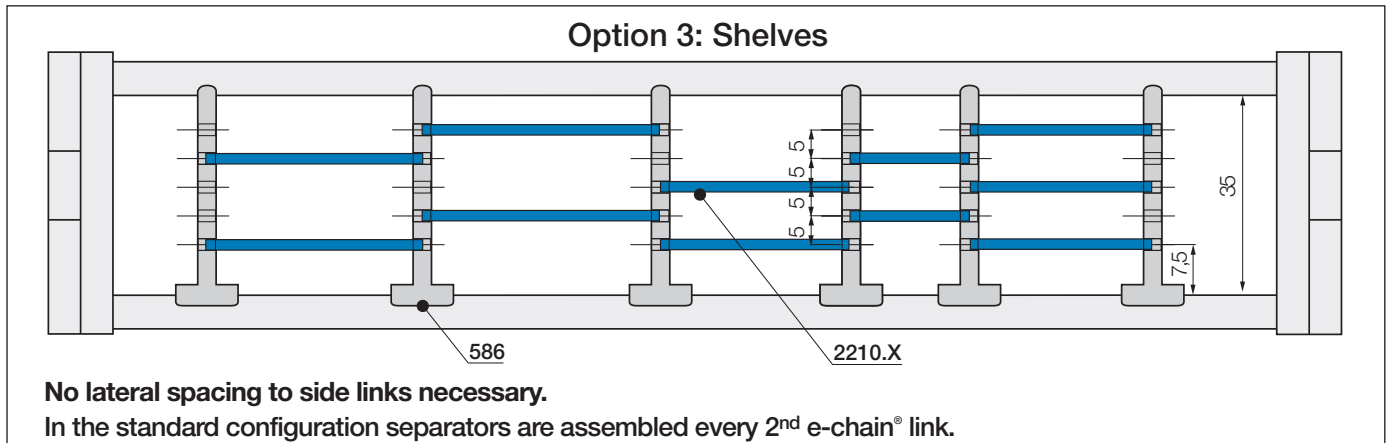
### Full-width shelf 220.X

This option makes sense in applications with many thin cables with similar diameters. Full-width shelves can be arranged at 5 different heights (in 5 mm increments).

### Full-width shelf

Width X [mm]	unassembled	assembled	Width X [mm]	unassembled	assembled	Width X [mm]	unassembled	assembled
050	<b>220.50</b>	<b>221.50</b>	125	<b>220.125</b>	<b>221.125</b>	200	<b>220.200</b>	<b>221.200</b>
075	<b>220.75</b>	<b>221.75</b>	150	<b>220.150</b>	<b>221.150</b>			
100	<b>220.100</b>	<b>221.100</b>	175	<b>220.175</b>	<b>221.175</b>			

## Interior separation | Option 3



**Middle plate for e-tubes**

unassembled	<b>585</b>
assembled	<b>586</b>

### Middle plate 585

To achieve a modular shelving the shelf 2200.X can be arranged at 5 different heights (in 5 mm increments).

**Shelf for e-tubes**

unassembled	<b>2200.X</b>
assembled	<b>2210.X</b>

### Shelf 2200.X

For applications involving many cables with different diameters, shelves can be arranged at alternate heights. They can be arranged at 5 different heights (in 5 mm increments).

### Shelves

Width X [mm]	unassembled	assembled	Width X [mm]	unassembled	assembled	Width X [mm]	unassembled	assembled
018	<b>2200.18</b>	<b>2210.18</b>	043	<b>2200.43</b>	<b>2210.43</b>	088	<b>2200.88</b>	<b>2210.88</b>
023	<b>2200.23</b>	<b>2210.23</b>	048	<b>2200.48</b>	<b>2210.48</b>	099	<b>2200.99</b>	<b>2210.99</b>
028	<b>2200.28</b>	<b>2210.28</b>	058	<b>2200.58</b>	<b>2210.58</b>	124	<b>2200.124</b>	<b>2210.124</b>
033	<b>2200.33</b>	<b>2210.33</b>	068	<b>2200.68</b>	<b>2210.68</b>	149	<b>2200.149</b>	<b>2210.149</b>
038	<b>2200.38</b>	<b>2210.38</b>	073	<b>2200.73</b>	<b>2210.73</b>			