

Conveyor Components



Rexnord
|||||

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CHAIN GUIDE PROFILES



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Chain guide profile.



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Chain guide profile.



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Chain guide profile.



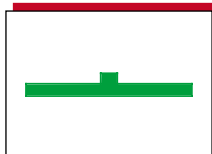
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Chain guide profile.



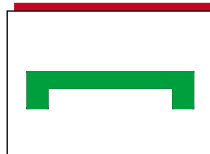
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Chain guide profile. Multiple strands K82,5 / pitch 88



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Chain guide profile. Multiple strands K87 / pitch 88



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Chain guide profile. Multiple strands K82,5 / pitch 88



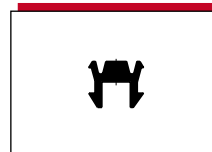
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Chain inlet guide shoe (centre). To be used with Part. 366.



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Chain inlet guide shoe (centre). To be used with Part. 367.



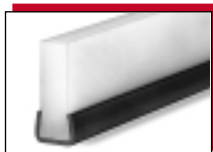
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Chain guide profile. Multiple strands K82,5 / pitch 88



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Chain guide profile for roller chain ANSI 60.



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Chain guide profile for roller chain ISO 12 B1.



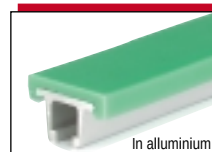
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Clamp for Part. 310-356-223-274.



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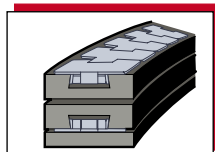


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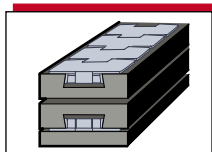


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Chain guide profile. Multiple strands K82,5 / pitch 85-83,5

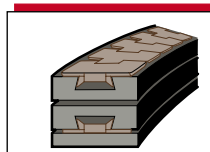
CORNER TRACKS AND STRAIGHT TRACKS



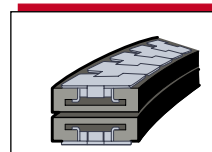
Series KSU - Page 16
Corner tracks for chains Series 881-8811-880.



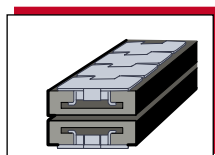
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Straight tracks for chains Series 881-8811-880.



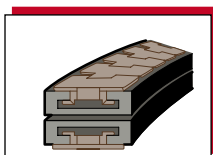
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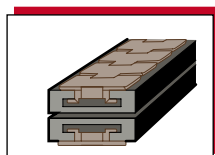
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Corner tracks for chains Series 8811 TAB-879 TAB-880 TAB.



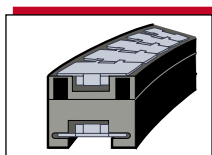
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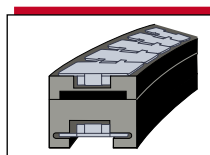
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Corner tracks for chains Series 882 TAB.



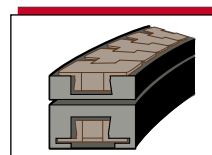
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Straight tracks for chains Series 882 TAB.



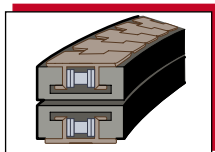
Series KMU - Page 20
Magnetic corner tracks for chains Series 881 M.



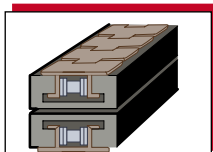
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Magnetic corner tracks for chains Series 881 M-880 MG.



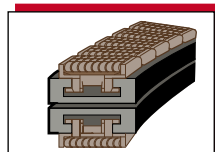
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Corner tracks for chains Series LPC 279.



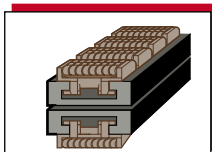
Series KTU 300 - Page 22
Corner tracks for chains Series 1874-4874-1873



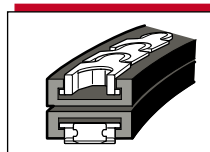
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Straight tracks for chains Series 1874-4874-1873



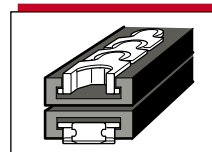
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ROLLER GUIDES FOR CHAIN RETURN



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For K82,5 / pitch 83,5+88.



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Distance gear.



Part. 125 - Page 26
Double roller $\varnothing$ 42,5 mm. Multiple strands K82,5 / pitch 88.



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Double roller $\varnothing$ 42,5 mm. Multiple strands K82,5 / pitch 85.



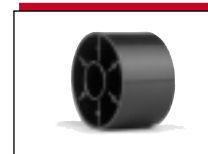
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Roller $\varnothing$ 42,5 mm. Multiple strands K82,5 / pitch 83,5.



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Roller $\varnothing$ 42,5 mm. Multiple strands K87 / pitch 88.



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Roller $\varnothing$ 50 mm. For K82,5.
For K82,5 / pitch 83,5-88.



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Roller $\varnothing$ 50 mm. Multiple strands K82,5 / pitch 83,5.



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Roller $\varnothing$ 60 mm. For K82,5.
For K82,5 / pitch 83,5+88.



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Roller $\varnothing$ 60 mm. Multiple strands K82,5 / pitch 83,5-85.



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Roller $\varnothing$ 60 mm. For K82,5.
For K82,5 / passo 83,5+88.



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Roller $\varnothing$ 60 mm. Multiple strands K82,5 / pitch 83,5-85.



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Guiding flange for part. 554-613.



Part. 11 - Page 31
Roller $\varnothing$ 60 mm. For K82,5. Multiple strands K82,5 / pitch 88.



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Rollers. For K82,5-101,6.
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Chain return guide. Snap-on assembly.



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Spacer. For K82,5. Multiple strands K82,5 / pitch 83,5+88.



Part. 523 - Page 34
Spacer. For K82,5. Multiple strands K82,5 / pitch 83,5+88.



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Striker.



Part. 533 - Page 35
Striker (centre). Multiple strands K82,5 / pitch 85.



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Sliding profile.

EXPANSION PLUGS FOR SIDES CONNECTION



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Expansion plug for tubes $\varnothing$ 18-20 mm.



Part. 179 - Page 36
Expansion plug for tubes $\varnothing$ 38-42,4 mm.

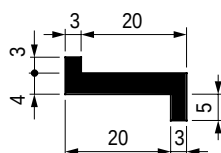


Part. 566 - Page 37
Expansion plug for square tubes 20 mm.



Part. 592 - Page 37
Expansion plug for square tubes 40 mm.

Part. 262



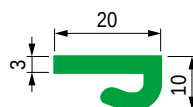
Reinforced version

Chain guide profile

Part.	Colour	Packaging metres	Code
262	Black	45	63651

- Standard packaging : coil.

Part. 261

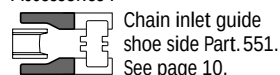


Chain guide profile

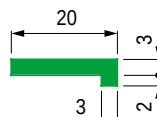
Part.	Colour	Packaging metres	Code
261	Green	40	65681

- Applicable to 2,5 to 4 mm thick sheet metal.
- Standard packaging : coil.

- Accessories :



Part. 243

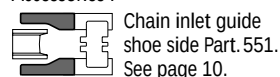


Chain guide profile

Part.	Colour	Packaging metres	Code
243	Green	90	63701

- Standard packaging : coil.

- Accessories :



Material

Polyethylene UHMWPE with molecular density 5.600.000.

Linear expansion coefficient

2×10^{-4}

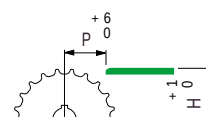
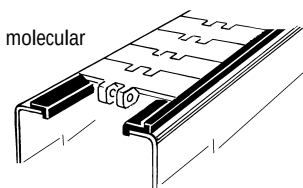
Calculation of thermal expansion see page 141.

Operating temperature

In air (- 40 to + 80 °C).

In hot water (+ 70 °C).

Position of guides. See page 144.



TableTop® chains series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

Fig. 1 - Chain width 82,5 mm (K 325) / Guide clearance 45 mm

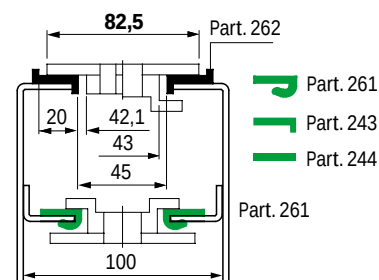


Fig. 2 - Chain width 82,5 mm (K 325) / Guide clearance 49 mm

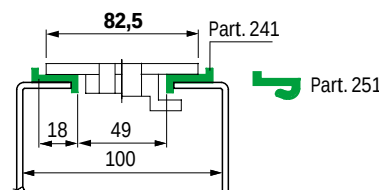


Fig. 3 - Chain width 114,3 mm (K 450)

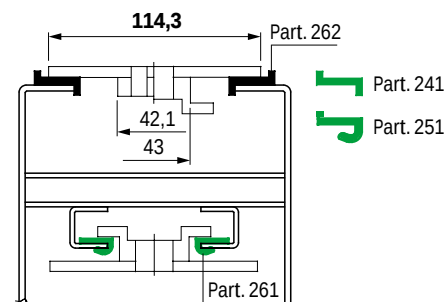
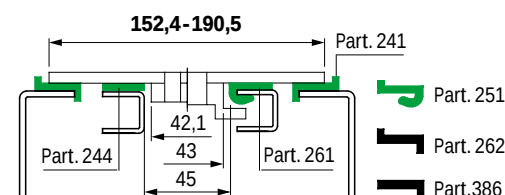
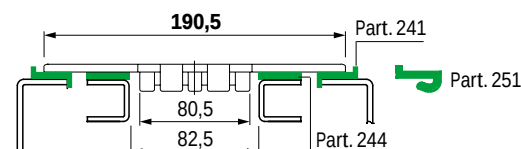


Fig. 4 - Chain width 152,4 mm (K 600), 190,5 (K 750)



TableTop® double hinge chain series 802 - 805

Fig. 5 - Chain width 190,5 mm (K 750)



• **TableTop® double hinge chain series 821**

Fig. 6 - Chain width 190,5 mm (K 750)

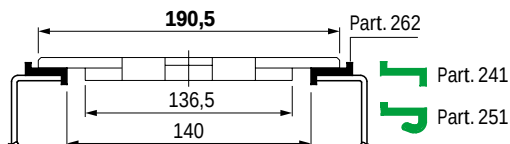


Fig. 7 - Chain width 254 mm (K 1000), 304,8 mm (K 1200).
Use the guides of Fig. 5.

• **TableTop® chains series 882 TAB**

Fig. 8 - Chain width 114,3 mm (K 450)

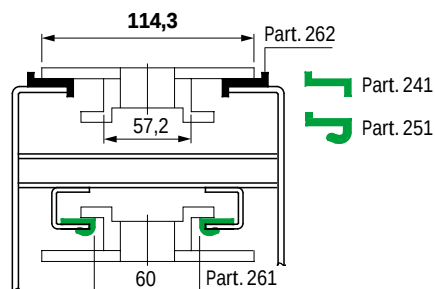
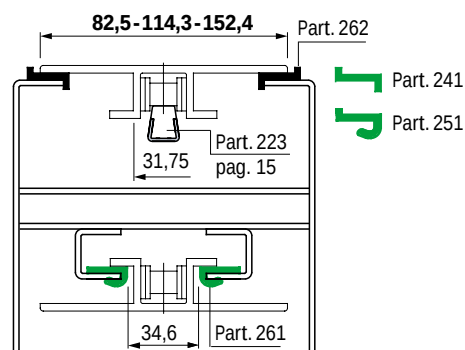


Fig. 9 - Chain width 190,5 mm (K 750), 254 mm (K 1000),
304,8 mm (K 1200). Use the guides of Fig. 4.

• **PlateTop chains series 1874 - 4874 - 1873**

Fig. 10 - Chain width 82,5 mm (K 325), 114,3 mm (K 450),
152,4 mm (K 600)



• **Low backline pressure chains series SLBP 882 TAB - SLBP 821**

Fig. 11 - Chain width 95,2 mm (K 375)

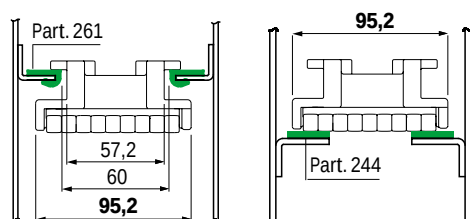
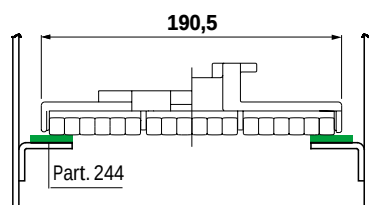


Fig. 12 - Chain width 190,5 mm (K 750)

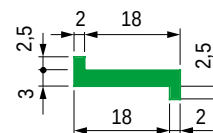


■ **Chain guide profile**

Part.	Colour	Packaging metres	Code
241	Green	80	63641
	Black	80	60356

- Standard packaging : coil.

Part. 241

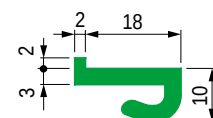


■ **Chain guide profile**

Part.	Colour	Packaging metres	Code
251	Green	40	63631

- Applicable to 2,5 to 4 mm thick sheet metal.
- Standard packaging : coil.

Part. 251

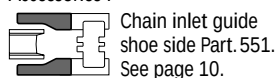


■ **Chain guide profile**

Part.	Colour	L x H mm	Packaging metres	Code
244	Green	20 x 3	60	63711
		20 x 5	80	63691
		25 x 3	60	63721
		30 x 3	60	63731
		40 x 3	60	63661
		40 x 5	50	608172
	Black	20 x 3	60	60386
		20 x 5	80	60376

- Standard packaging : coil.

- Accessories :

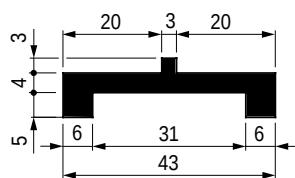


Chain inlet guide
shoe side Part. 551.
See page 10.

Part. 244



Part. 263



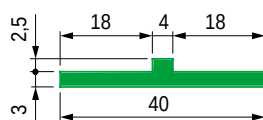
Reinforced version

Chain guide profile

Part.	Colour	Length metres	Code
263	Black	3 6	694321* 63681

- Use : see Fig. 13.
- Standard packaging : bars of 3 and 6 metres.
- Packaging : 96 metres.

Part. 242

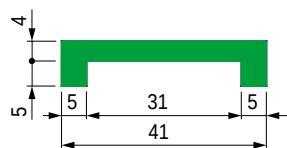


Chain guide profile

Part.	Colour	Packaging metres	Code
242	Green	80	63671

- Use : see Fig. 14.
- Standard packaging : coil.

Part. 362



Reinforced version

Chain guide profile

Part.	Colour	Length metres	Code
362	Green	3	694331*
		6	67435
	Black	3	694341
		6	61726

- Use : see Fig. 15.
- Standard packaging : bars of 3 and 6 metres.
- Packaging : 96 metres.

Material

Polyethylene UHMWPE with molecular density 5.600.000.

Linear expansion coefficient

2×10^{-4}

Calculation of thermal expansion see page 141.

Operating temperature

In air (- 40 to + 80 °C).

In hot water (+ 70 °C).

Position of guides. See page 144.

TableTop® chains series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

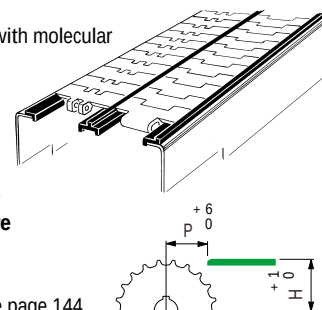


Fig. 13 - Chain width 82,5 mm (K 325) / Pitch 88 mm

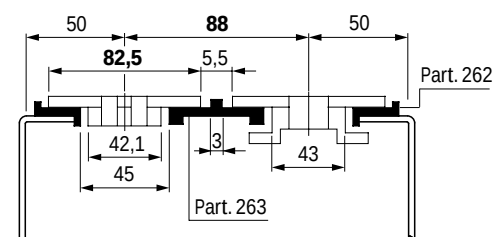


Fig. 14 - Chain width 82,5 mm (K 325) / Pitch 88 mm

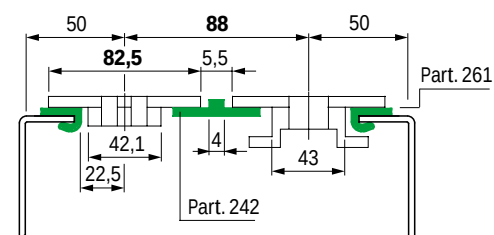
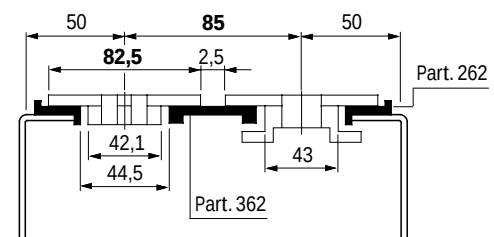


Fig. 15 - Chain width 82,5 mm (K 325) / Pitch 85 mm

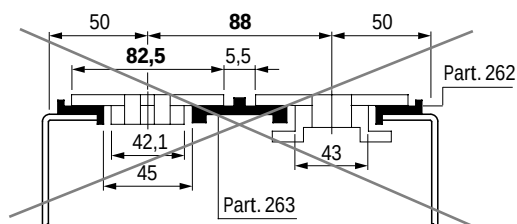


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

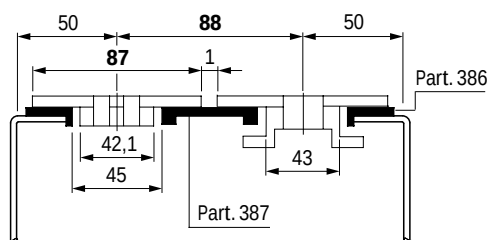
• **TableTop® chains series 820 - 880TAB**

Fig. 16 - Chain width 87 mm (K 343) / Pitch 88 mm

Multi strand conveyors, with 82,5 mm width chains and pitch 88 mm, can be modified to convey PET bottles with pethal bottom or other unstable products.



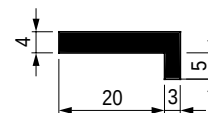
Change chains from 82,5 mm to 87 mm width and wear strips, in this way the Gap between chains is reduced from 5,5 mm to 1 mm while the conveyor frame is unchanged.



■ **Chain guide profile**

Part.	Colour	Packaging metres	Code
386	Black	45	66096

- Use : see Fig. 16.
- Can be used in combination with Part. 387.
- Standard packaging : coil.

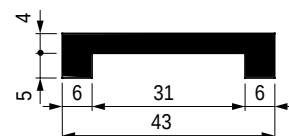


Reinforced version

■ **Chain guide profile**

Part.	Colour	Length metres	Code
387	Black	3 6	694351* 66106

- Use : see Fig. 16.
- Can be used in combination with Part. 386.
- Standard packaging : bars of 3 and 6 metres.
- Packaging : 96 metres.



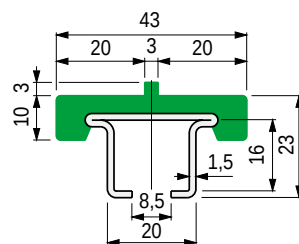
Reinforced version

* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 366

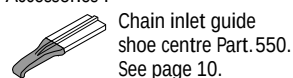


Chain guide profile



Part.	Colour	Length metres	Code	Weight kg/m
366	Green	3	64056 M	1,10
		6	69585 M	

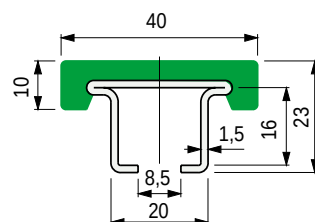
- Use : see Fig. 17-20-21.
- Standard packaging : the plastic and metal profiles are supplied assembled.
- Packaging : 36 metres.
- Accessories :



Part. 367

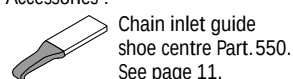


Chain guide profile



Part.	Colour	Length metres	Code	Weight kg/m
367	Green	3	64046 M	1,10
		6	69615 M	

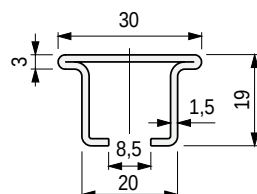
- Use : see Fig. 18-19-22-23.
- Standard packaging : the plastic and metal profiles are supplied assembled.
- Packaging : 36 metres.
- Accessories :



Part. 368



Chain guide profile



Part.	Length metres	Code	Weight kg/m
368	3	64066	0,90
	6	69645	

- Use : recommended with MatTop® chains in abrasive environment / high speed / high temperature. See Fig. 22-23.
- Packaging : 36 metres.

Material

Plastic profile in polyethylene UHMWPE with molecular density 5.600.000.
Metal profile in stainless steel AISI 304.

Linear expansion coefficient

2×10^{-4}
Calculation of thermal expansion see page 141.

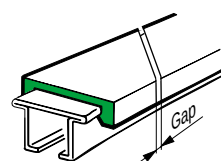
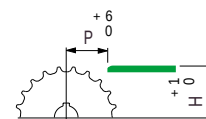
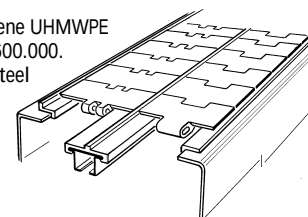
Operating temperature

In air (- 40 to + 80 °C).
In hot water (+ 70 °C).

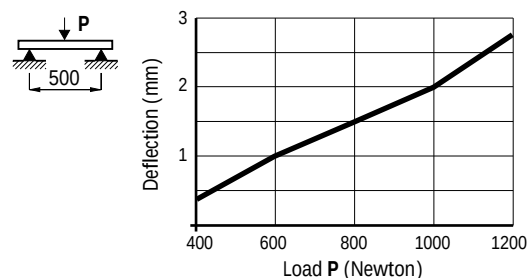
Position of guides. See page 144.

Head joint

Head joint shall be made with a 45° cut to avoid steps and guarantee chain smooth movement. With temperature increase it is necessary to leave a gap wide enough to allow for thermal elongation of plastic parts.



Deflection of Part. 366-367-368



TableTop® chains series 812 - 815 - 820 - 831 - 881 TAB - 8811 TAB - 879 TAB - 880 TAB

Fig. 17 - Chain width 82,5 mm (K 325) / Pitch 88 mm

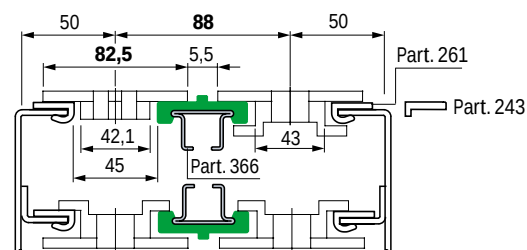


Fig. 18 - Chain width 82,5 mm (K 325) / Pitch 85 mm

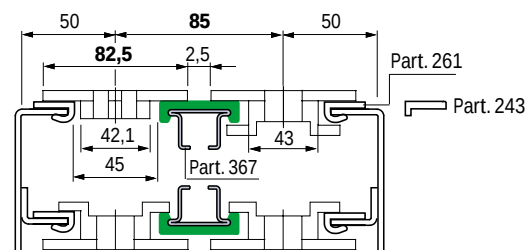


Fig. 19 - Chain width 82,5 mm (K 325) / Pitch 83,5 mm

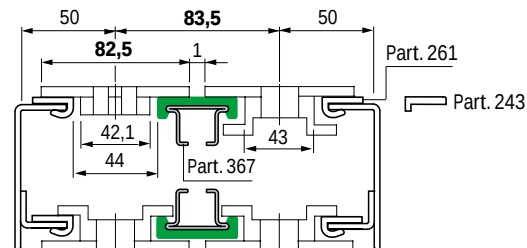


Fig. 20 - Chain width 114,3 mm (K 450) / Pitch 120 mm

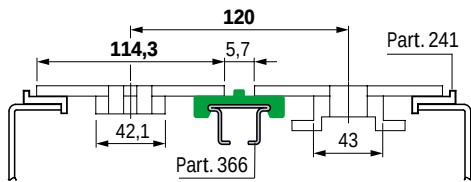
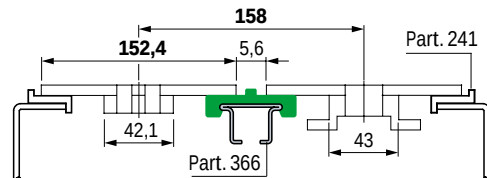


Fig. 21 - Chain width 152,4 mm (K 600) / Pitch 158 mm



• **MatTop® modular chains**

Fig. 22 - Parallel wear strips. Recommended with medium-light loads.

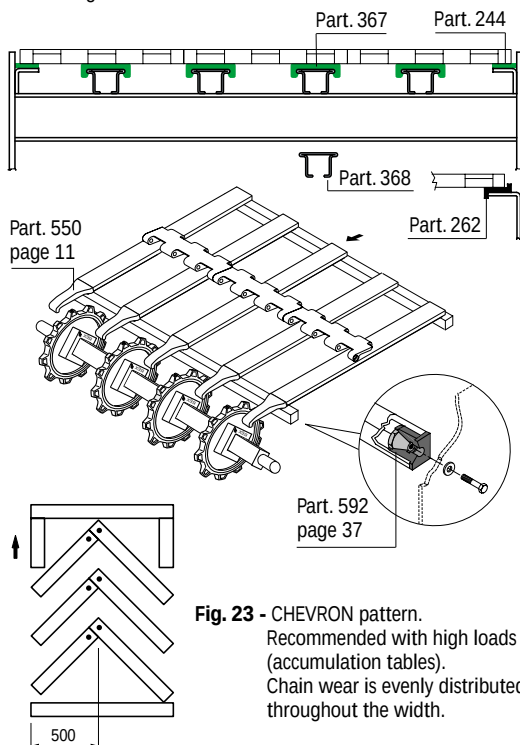
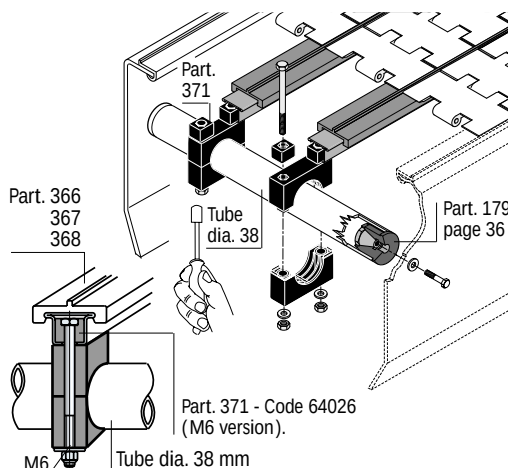


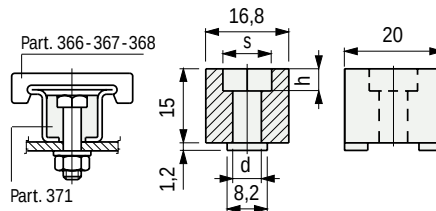
Fig. 23 - CHEVRON pattern.
Recommended with high loads
(accumulation tables).
Chain wear is evenly distributed
throughout the width.

• **Assembly of Part. 559**

Part. 371 (M6 version) shall be used to assemble wear strips on Part. 559.



■ **Mounting block**



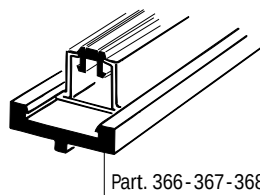
Part.	d mm	h mm	Hexagon s mm	Code
371	6,2 (for screws M 6)	4,5	10,2	64026*
	8,1 (for screws M 8)	6	13,2	61056

- Use : easy assembly of wear strips on frame.
- Assembly with M6 or M8 hexagon bolt.
- Material : reinforced polyamide PA FV (black).
- Packaging : 100 pieces.

Part. 371



■ **Sealing profile**



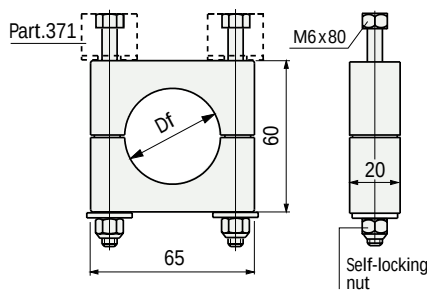
Part.	Code
370	61036*

- Use : when applied to the metal profile, this product improves guide cleanliness.
- Material : rubber EPDM 80 (black).
- Standard packaging : coil.
- Packaging : 20 metres.

Part. 370



■ **Fixing clamp**



Part.	Bore dia. Df mm	Code
559	Ø 38	696161*

- Use : easy assembly of wear strips on tube dia. 38 mm.
- Material : clamp in reinforced polyamide PA FV (black). Bolts and nuts in stainless steel AISI 304.
- Packaging : 50 pieces.

Part. 559



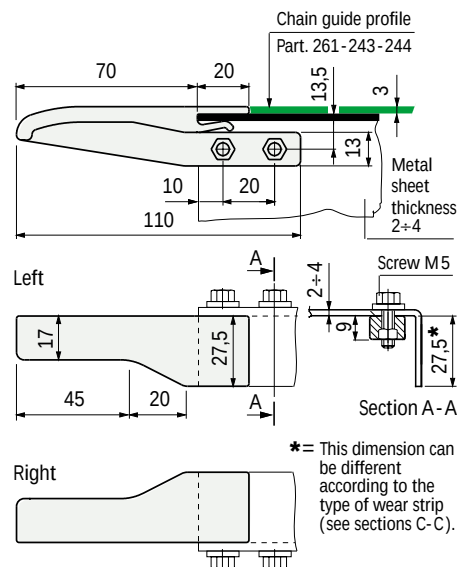
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Accessories

Part. 551



Chain inlet guide shoe (side)



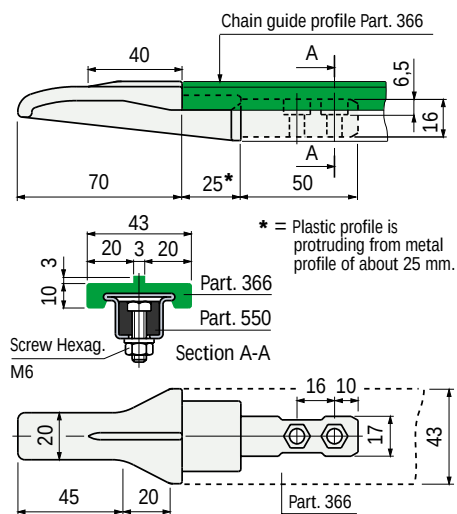
Part.	State of supply	Code	Weight kg
551	Left + right	689501	0,025

- Use : can be used in combination with Part. 261-243-244. See Fig. 24-25-26.
- Material : polyamide PA (black).
- Packaging : 25 left + 25 right.

Part. 550



Chain inlet guide shoe (centre)



Part.	Code	Weight kg
550	689481	0,042

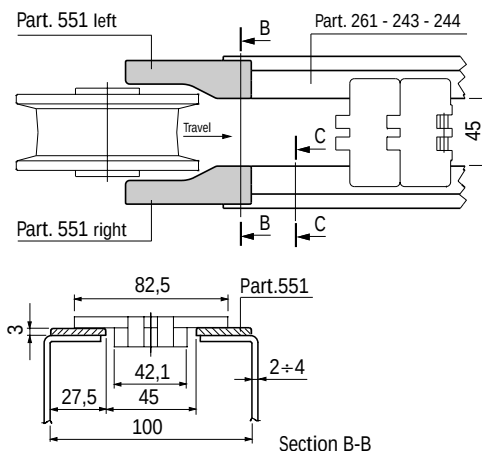
- Use : can be used in combination with Part. 366. See Fig. 25.
- Material : polyamide PA (black).
- Packaging : 50 pieces.

• Use for Part. 550-551

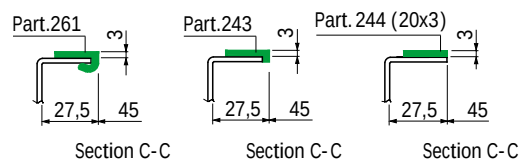
In TableTop® conveyors, chain inlet guide shoes shall be used near the idlers (see fig. 24-25-26).

In MatTop® conveyors can be used near the sprockets too (see fig. 27).

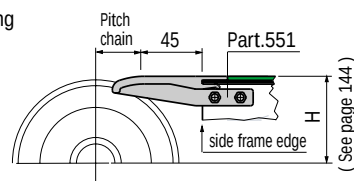
• Fig. 24 - Example of application of Part. 551 in single strand conveyor / Chain width 82,5 mm (K325).



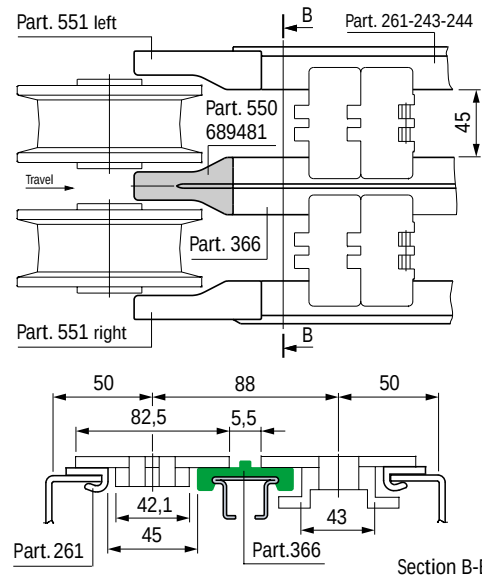
Types of wear strips that can be used with guide shoe Part. 551 (only thickness 3 mm).



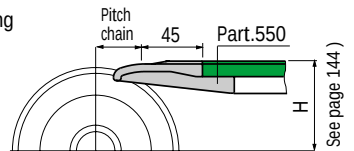
Positioning



• Fig. 25 - Example of application of Part. 550, in multiple strand conveyor / Chain width 82,5 mm (K325) / Pitch 88 mm.

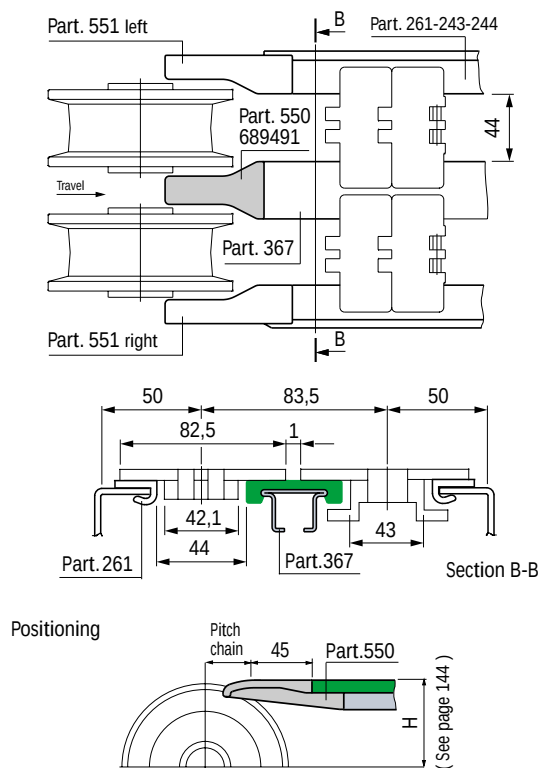


Positioning

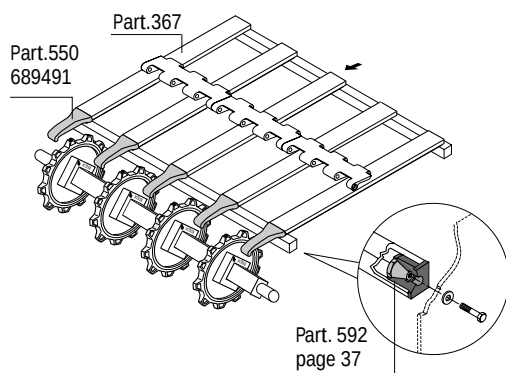


Part. 550

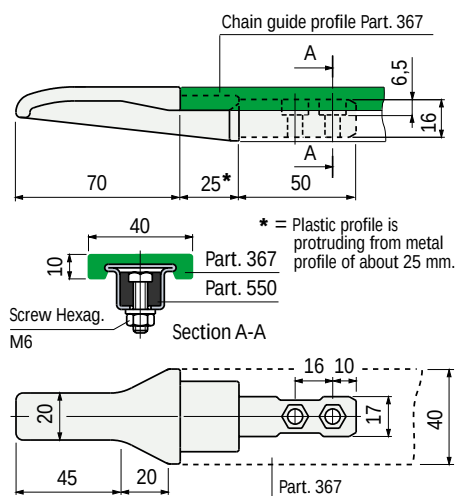
- **Fig. 26** - Example of application of Part. 550, in multiple strand conveyor / Chain width 82,5 mm (K325) / Pitch 83,5 mm.



- **Fig. 27** - Example of use of Part. 550 in a MatTop® conveyor.



Chain inlet guide shoe (centre)



Part.	Code	Weight kg
550	689491	0,042

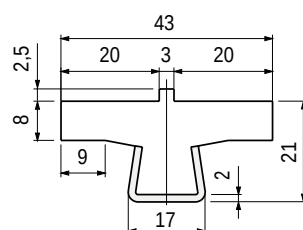
- Use : can be used in combination with Part. 367. See Fig. 26.
- Material : polyamide PA (black).
- Packaging : 50 pieces



Part. 310



Chain guide profile



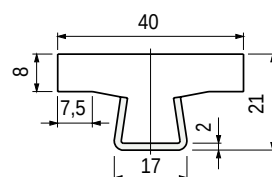
Part.	Colour	Length metres	Code	Weight kg/m
310	White	3	65612	0,95
		6	69412	

- Use : see Fig. 28.
- Material : metal profile in stainless steel AISI 304.
- Packaging : 24 metres.

Part. 356



Chain guide profile



Part.	Colour	Length metres	Code	Weight kg/m
356	White	3	61605	0,89
		6	61615	

- Use : see Fig. 29-30-31-32.
- Material : metal profile in stainless steel AISI 304.
- Packaging : 24 metres.

• MatTop® modular chains

Fig. 31 - Parallel wear strips. Recommended with medium-light loads.

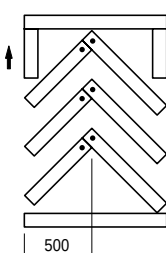
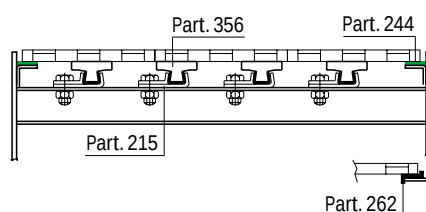


Fig. 32 - CHEVRON pattern. Recommended with high loads (accumulation tables). Chain wear is evenly distributed throughout the width.

• Material

Plastic profile in polyethylene UHMWPE with molecular density 5.600.000.
Metal profile in stainless steel AISI 304 or zinc plated steel.

• Linear expansion coefficient

4×10^{-5}
Calculation of thermal expansion see page 141.

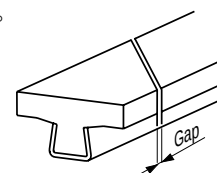
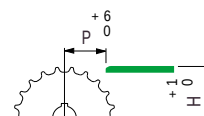
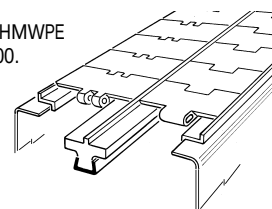
• Operating temperature

In air (- 40 to + 80 °C).
In hot water (+ 70 °C).

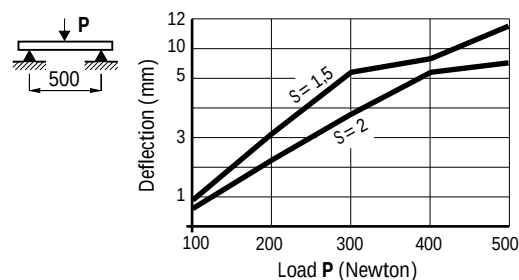
• Position of guides. See page 144.

• Head joint

Head joint shall be made with a 45° cut to avoid steps and guarantee chain smooth movement. With temperature increase it is necessary to leave a gap wide enough to allow for thermal elongation of plastic parts.



• Deflection of Part. 223-310-356



• TableTop® chains series 812 - 815 - 820 - 831 - 881 TAB - 8811 TAB - 879 TAB - 880 TAB

Fig. 28 - Chain width 82,5 mm (K 325) / Pitch 88 mm

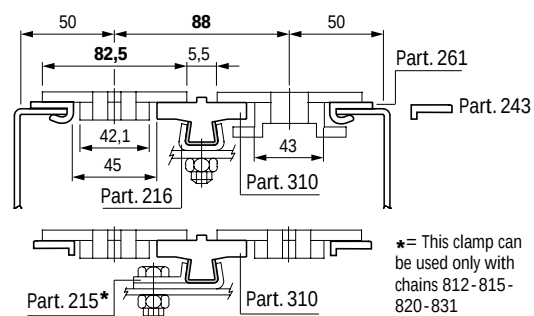


Fig. 29 - Chain width 82,5 mm (K 325) / Pitch 85 mm

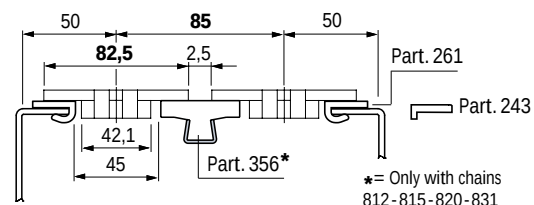
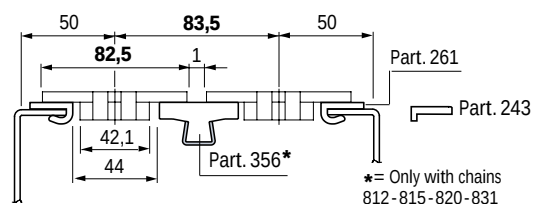
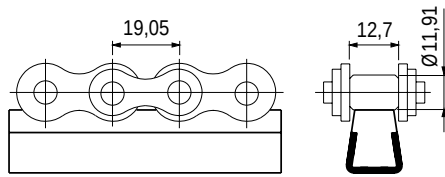


Fig. 30 - Chain width 82,5 mm (K 325) / Pitch 83,5 mm



• **Use of Part. 223**

ANSI 60 American series roller chain (pitch 19,05 mm, roller Ø 11,91 mm, internal width 12,7 mm).



PlateTop chains series 1874-4874-1873

Fig. 33 - Chain width 82,5 mm (K 325), 114,3 mm (K 450), 152,4 mm (K 600)

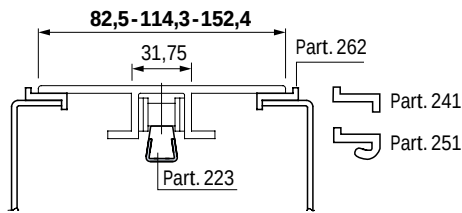
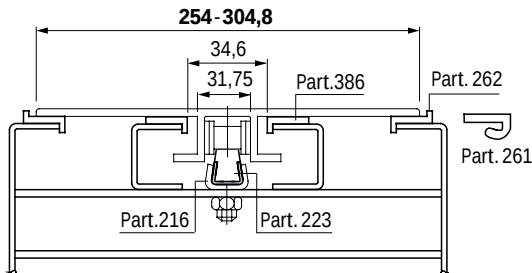
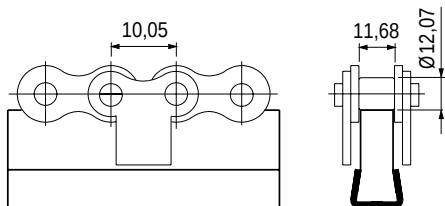


Fig. 34 - Chain width 254 mm (K 1000), 304,8 mm (K 1200)

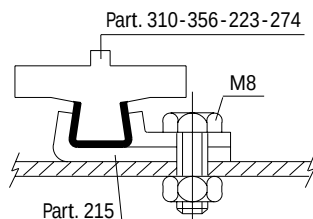


• **Use of Part. 274**

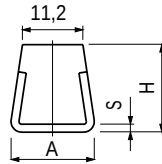
ISO 12 B1 European series roller chains with straight connections (pitch 10,05 mm, roller Ø 12,07 mm, internal width 11,68 mm).



• **Use of Part. 215**



■ **Chain guide profile**

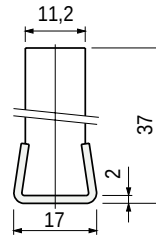


S	H	A
mm	mm	mm
1,5	17,5	16,5
2	18	17

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
	1,5	Stainless steel AISI 304	3	61031	
			6	69402	
223		Zinc plated steel	3	63971	0,54
	2	Stainless steel AISI 304	3	61743*	
			6	67123	

- Use : see Fig. 33-34.
- Colour : white.
- Packaging : 24 metres (in 3 m lengths).
48 metres (in 6 m lengths).

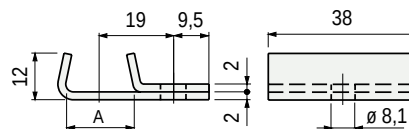
■ **Chain guide profile**



Part.	Colour	Length metres	Code	Weight kg/m
274	White	3	66801	0,79

- Material : metal profile in stainless steel AISI 304.
- Packaging : 24 metres.

■ **Clamp**



A = 16,5 mm (with S = 1,5)
A = 17 mm (with S = 2)

Part.	Use	Code
215	For Part. 223 (with S = 1,5)	60121
	For Part. 223 (with S = 2)-274-310-356	65976

- Use : easy assembly of guide profiles Part. 310-356-223-274.
- Material : stainless steel AISI 304.
- Packaging : 50 pieces.

Part. 223



Part. 274



Accessories

Part. 215



Continues ►

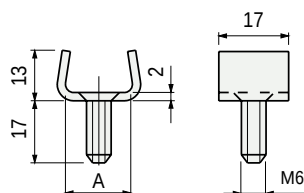
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Accessories

Part. 216



■ Clamp

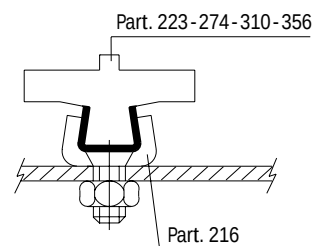


A = 16,5 mm (with S = 1,5)
A = 17 mm (with S = 2)

Part.	Use	Code
216	For Part. 223 (with S = 1,5)	60131*
	For Part. 223 (with S = 2)-274-310-356	64244

- Use : easy assembly of guide profiles Part. 310-356-223-274.
- Material : stainless steel AISI 304.
- Packaging : 50 pieces.

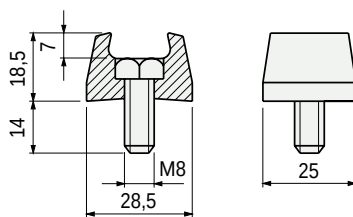
• Assembly of Part. 216



Part. 275



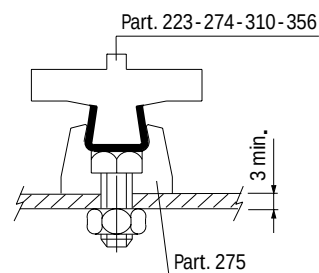
■ Clamp



Part.	Use	Code
275	For Part. 223 (with S=1,5 e 2) - 274-310-356	66811

- Use : easy assembly of guide profiles Part. 310-356-223-274.
- Material : body in acetal resin POM (black), bolt in stainless steel AISI 304.
- Packaging : 100 pieces.

• Assembly of Part. 275



* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• **Material**

Plastic profile in polyethylene UHMWPE with molecular density 5.600.000. Metal profile in anodized aluminium.

• **Linear expansion coefficient**

2×10^{-4}
Calculation of thermal expansion see page 141.

• **Operating temperature**

In air (- 40 to + 80 °C).

• **Position of guides.** See page 144.

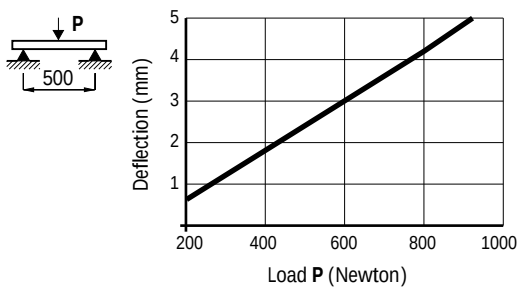
• **Not recommended in wet conveyors**

To avoid corrosion in contact with cleaning agents.

• **Head joint**

Head joint shall be made with a 45° cut to avoid steps and guarantee chain smooth movement. With temperature increase it is necessary to leave a gap wide enough to allow for thermal elongation of plastic parts.

• **Deflection**



• **TableTop® chains** series 812 - 815 - 820 - 831- 881TAB - 8811TAB - 879TAB - 880TAB

Fig. 35 - Chain width 82,5 mm (K 325) / Pitch 85 mm

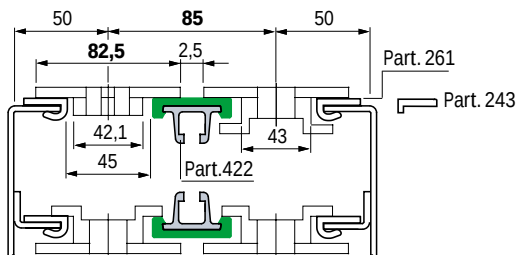
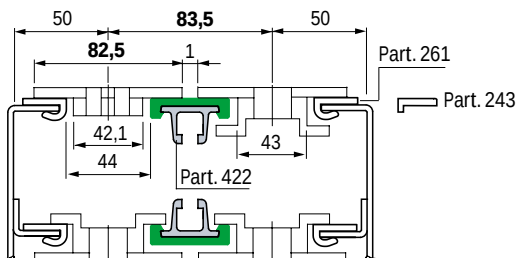
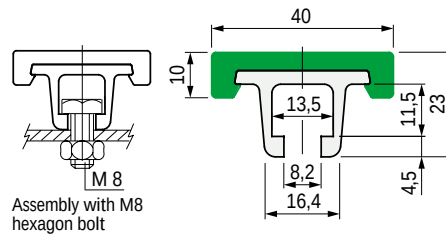


Fig. 36 - Chain width 82,5 mm (K 325) / Pitch 83,5 mm

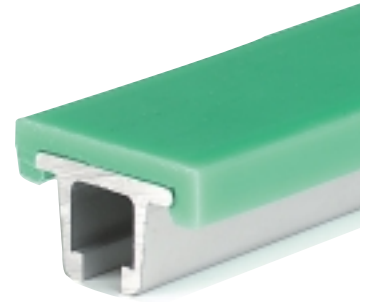


■ **Chain guide profile**



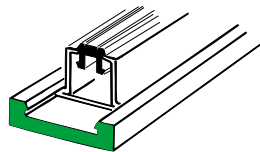
Part.	Colour	Length metres	Code	Weight kg/m
422	Green	3	65248M	0,7
		6	65258M	

- Use : see Fig. 35- 36- 37- 38.
- Standard packaging : the plastic and metal profiles are supplied assembled.
- Packaging : 48 metres



In alluminium

■ **Sealing profile**

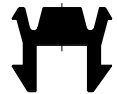


Part.	Code
370	61036*

- Use : when applied to the metal profile, this product improves guide cleanliness.
- Material : rubber EPDM 80 (black).
- Standard packaging : coil.
- Packaging : 20 metres.

Accessories

Part. 370



• **MatTop® modular chains**

Fig. 37 - Parallel wear strips. Recommended with medium-light loads.

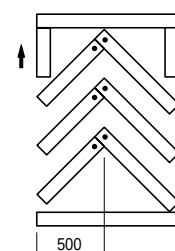
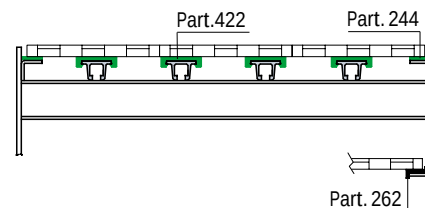


Fig. 38 - CHEVRON pattern. Recommended with high loads (accumulation tables). Chain wear is evenly distributed throughout the width.

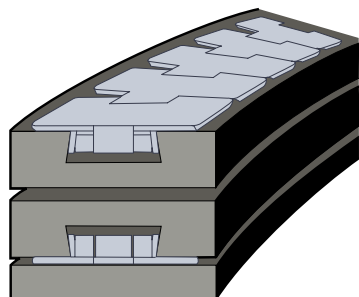
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Corner tracks and straight tracks for TableTop® Series:

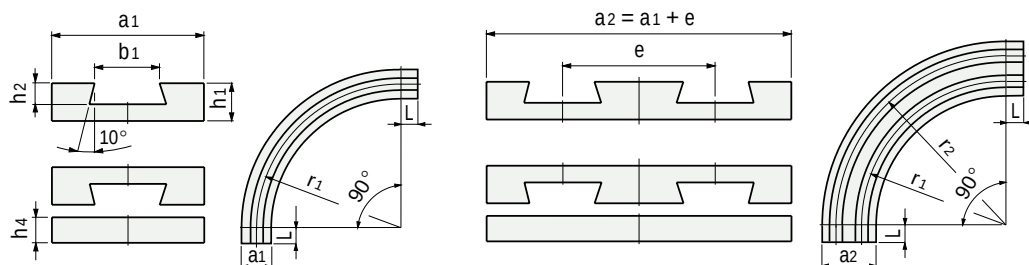
- 881
- 8811
- 880



Series KSU



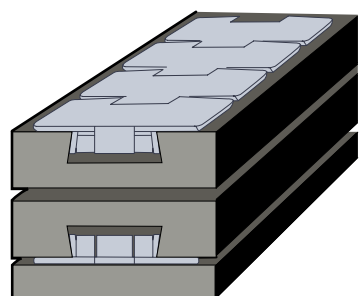
Corner tracks



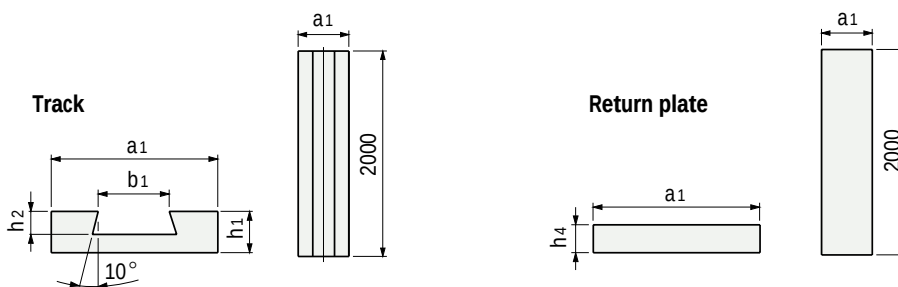
Type of chain	Chain width mm	Radius r1 mm	State of supply	Width a1 mm	b1 mm ± 0.5	h1 mm	h2 mm	h4 mm	L mm	Pitch e mm	Code
880-K 325	82,5	500	Without the L sections	100	41,4	25	18	16	—	90	KSU 013 500...
881-K 325			With the L sections	100	41,4	25	17	15	50	*	KSU 013 500...S
880-K 450	114,3	610	Without the L sections	125	41,4	25	18	16	—	120	KSU 018 610...
881-K 450			With the L sections	130	41,4	25	17	15	50	*	KSU 018 610...S
881-K 750	190,5	610	Without the L sections	200	41,4	25	18	16	—	195	KSU 030 610...
8811-K 750			With the L sections	210	41,4	25	17	15	50	*	KSU 030 610...S

* = To be specified upon order.

Series SSU



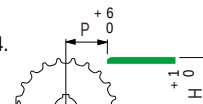
Straight tracks



Type of chain	Chain width mm	Width a1 mm	b1 mm	h1 mm	h2 mm	h4 mm	Code Track	Code Return plate
880-K 325	82,5	100	41,4	25	17	15	SSU 013	SSU 013 P
881-K 325								
8811-K 325								
880-K 450	114,3	130	41,4	25	17	15	SSU 018	SSU 018 P
881-K 450								
8811-K 450								

- **Material:** polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging:** the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.
- **When ordering indicate the No. of strands required:**
KSU 013 500 **1**
Code No. of strands

- **Linear expansion coefficient :** 2×10^{-4}
Calculation of thermal expansion see page 141.
- **Operating temperature :**
In air (-40 to + 80 °C).
In hot water (+ 70 °C).
- **Positioning :** see page 144.



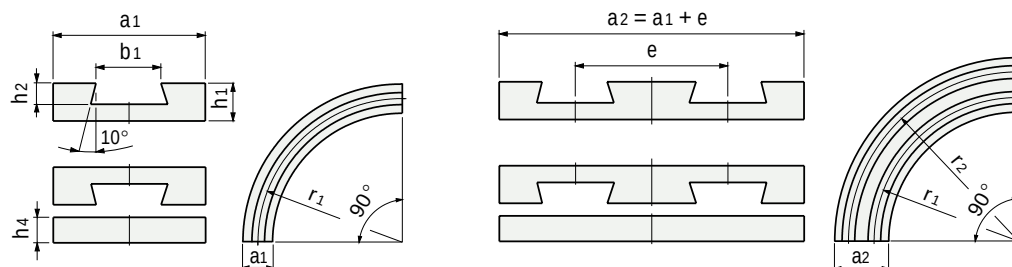


Corner tracks for TableTop®

Series:

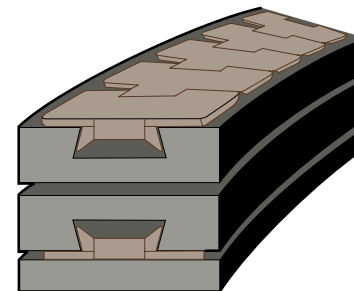
- 882

■ Corner tracks



Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	± 0.5 b1 mm	h1 mm	h2 mm	h4 mm	Pitch e mm	Code
882 - K450	114,3	610	125	58	27	21	16	120	KSU 218 610...
882 - K750	190,5	610	200	58	27	21	16	195	KSU 230 610...
882 - K1000	254	610	265	58	27	21	16	260	KSU 240 610...

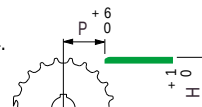
Series **KSU 200**



- **Material:** polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging:** the corner tracks are supplied complete with carry and return sections.
- **Special dimensions** on application.
- **When ordering indicate the No. of strands required:**

KSU 218 610 **1**
Code No. of strands

- **Linear expansion coefficient :** 2×10^{-4}
Calculation of thermal expansion see page 141.
- **Operating temperature :**
In air (-40 to + 80 °C).
In hot water (+ 70 °C).
- **Positioning :** see page 144.



Corner tracks and straight tracks for TableTop® Series:

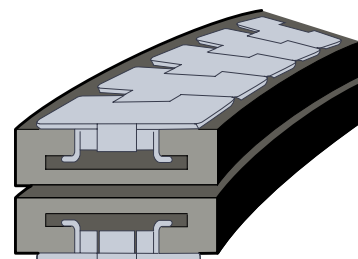
- 8811 TAB
- 879 TAB
- 880 TAB



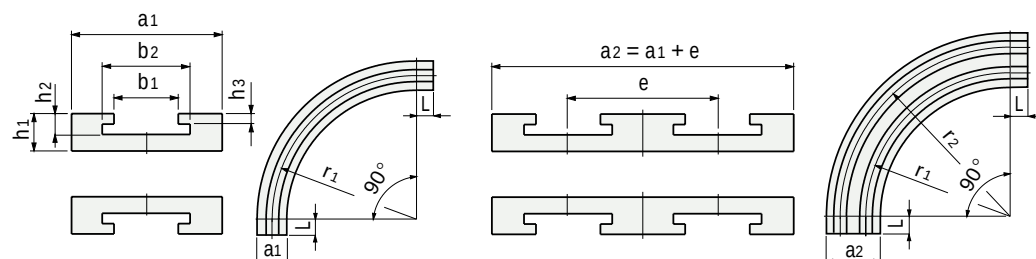
Suitable also with chains type:

- SSC 8811 TAB Rubber Top
- 880 TAB-K454
- HFP 880 TAB
- 879 BO
- 880 BO
- HFP 880 BOT

Series KTU



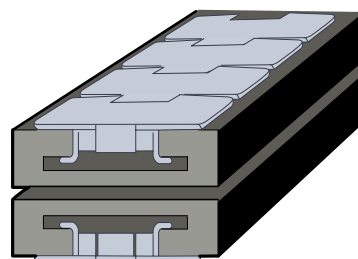
Corner tracks



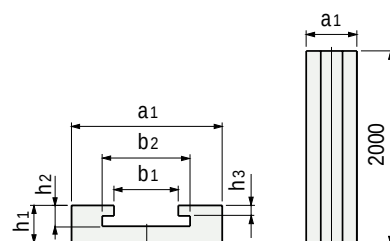
Type of chain	Chain width mm	Radius r1 mm	State of supply	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	L mm	Pitch e mm	Code
879TAB-K325	82,5	500	Without the L sections	100	45	70	25	18	9,5	—	90	KTU 013 500...
880TAB-K325			With the L sections	100	45	67	25	18	10,5	50	*	KTU 013 500...S
8811TAB-K325												
879TAB-K450	114,3	610	Without the L sections	125	45	70	25	18	9,5	—	120	KTU 018 610...
880TAB-K450			With the L sections	130	45	67	25	18	10,5	50	*	KTU 018 610...S
8811TAB-K450												
8811TAB-K750	190,5	610	Without the L sections	200	45	70	25	18	9,5	—	195	KTU 030 610...
			With the L sections	210	45	67	25	18	10,5	50	*	KTU 030 610...S

* = To be specified upon order.

Series STU



Straight tracks

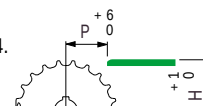


Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
879TAB-K325	82,5	100	45	67	25	18	10,5	STU 013
879BO-K325								
880TAB-K325								
8811TAB-K325								
879TAB-K450	114,3	130	45	67	25	18	10,5	STU 018
879BO-K450								
880TAB-K450								
8811TAB-K450								

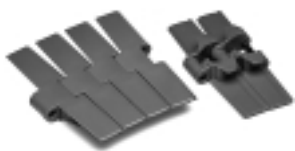
- **Material:** polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging:** the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.
- **When ordering indicate the No. of strands required:**

KTU 013 500 **1**
Code No. of strands

- **Linear expansion coefficient :** 2×10^{-4}
Calculation of thermal expansion see page 141.
- **Operating temperature :**
In air (-40 to + 80 °C).
In hot water (+ 70 °C).
- **Positioning :** see page 144.



882 TAB



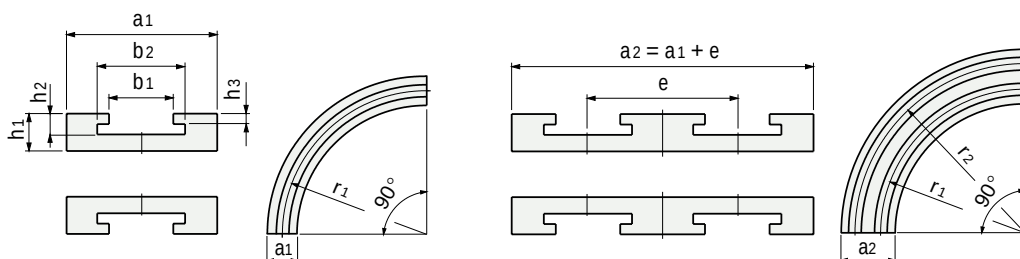
Suitable also with chains type:

- HFP 882 TAB
- HFP 882 TAB F
- RR 882

Corner tracks and straight tracks for TableTop® Series:

- 882 TAB

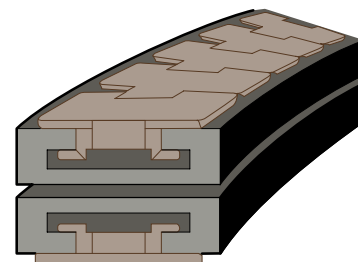
■ Corner tracks



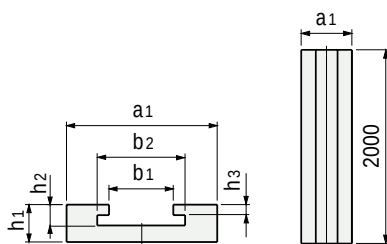
Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code
882TAB-K450	114,3	610	130	60	84	30	24	15	*	KTU 218 610...S
882TAB-K750	190,5	610	210	60	84	30	24	15	*	KTU 230 610...S
882TAB-K1000	254	610	270	60	84	30	24	15	*	KTU 240 610...S
882TAB-K1200	304,8	610	320	60	84	30	24	15	*	KTU 248 610...S

* = To be specified upon order.

Series KTU 200

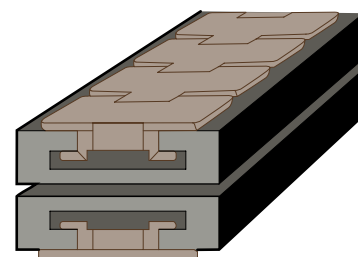


■ Straight tracks



Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
882TAB-K450	114,3	130	60	84	30	24	15	STU 218
882TAB-K750	190,5	210	60	84	30	24	15	STU 230
882TAB-K1000	254	270	60	84	30	24	15	STU 240
882TAB-K1200	304,8	320	60	84	30	24	15	STU 248

Series STU 200

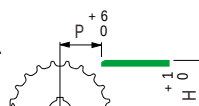


- **Material:** polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging:** the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.
- **When ordering indicate the No. of strands required:**

KTU 218 610 1 S
Code No. of strands

- **Linear expansion coefficient :** 2×10^{-4}
Calculation of thermal expansion see page 141.

- **Operating temperature :**
In air (-40 to + 80 °C).
In hot water (+ 70 °C).
- **Positioning :** see page 144.

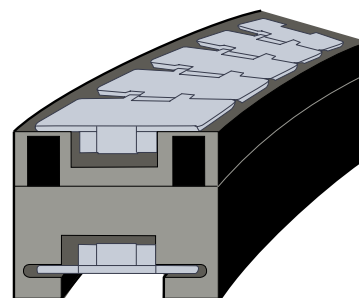


Magnetic corner tracks for TableTop® Series:

- 881 M
- 880 MG



Series KMU



Only for Series 881 M

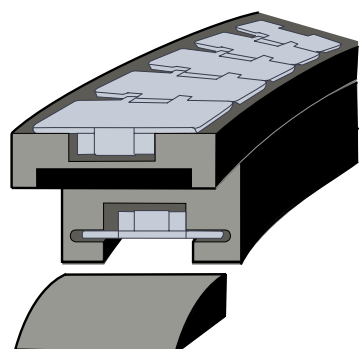
Magnetic corner tracks

Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	L mm	± 0.5 b1 mm	h1 mm	h2 mm	Pitch e mm	Code
881 M-K325	82,5	500	100	-	44,2	27	55	90	KMU 013 500...*
			100	125	44,2	27	55	89	KMU 013 500...L 125
		680	111	100	44,2	27	55 (63°)	85	KMU 013 500...L 100
			100	100	44,2	27	55	90	KMU 013 680...
881 M-K330	83,8	500	100	100	44,2	27	55	90	KMU 013 860...
			100	125	44,2	27	55	90	KMU 113 500...
881 M-K450	114,3	500	129	125	44,2	27	63	120	KMU 018 500...
			129	125	44,2	27	55 (63°)	120	KMU 018 610...
881 M-K750	190,5	610	214	125	44,2	27	55	196	KMU 030 610...

* = Supplied without the L straight-line sections.

• = Only for corner tracks of 2 or more strands.

Series COMBI



With return guide shoe

Magnetic corner tracks

Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	L mm	b1 mm	c mm	h1 mm	h2 mm	Pitch e mm	n mm	g mm	Code
881 M-K325 880 MG-K325	82,5	500	100	100	44	50	27	55	90	Gap 0	30	COMBI 013 500...
			100	125	44	50	27	55	89	Gap 0	30	COMBI 013 500...L 125
		680	111	100	44	50	27	63	85	20	20	COMBI 013 500...L 100
			100	100	44	50	27	55	90	Gap 0	30	COMBI 013 680...
881 M-K330	83,8	500	100	100	44	50	27	55	90	Gap 0	30	COMBI 013 860...
			100	125	44	50	27	55	90	Gap 0	30	COMBI 113 500...
881 M-K450	114,3	500	129	125	44	54	27	63	120	20	20	COMBI 018 500...
			129	125	44	54	27	63	120	20	20	COMBI 018 610...
881 M-K750	190,5	610	214	125	44	54	27	55	196	20	20	COMBI 030 610...

- Magnetic corner tracks allow for easy maintenance and cleaning because the chain can be easily lifted when the conveyor is stopped. On the other hand they keep the chain flat when working.

- **Material:** polyethylene UHMWPE (black).

- **Standard packaging:** the corner tracks are supplied complete with carry and return sections.

- **When ordering indicate the No. of strands required:**
KMU 013 500 1

Code No. of strands

- **Linear expansion coefficient:** 2×10^{-4}

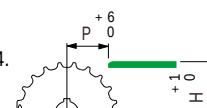
Calculation of thermal expansion see page 141.

- **Operating temperature:**

In air (-40 to +80 °C).

In hot water (+70 °C).

- **Positioning:** see page 144.



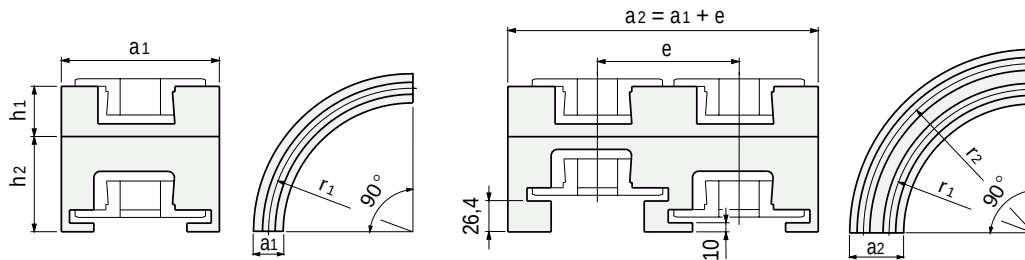
Corner tracks for TableTop®

Series:

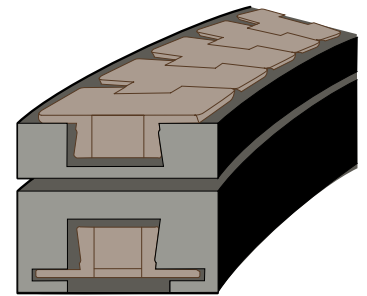
- LPC 279



Corner tracks



Series KLPC



Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	h1 mm	h2 mm	Pitch e mm	Code
LPC 279 - K325	82,5	457	100	27	55 (61,9) •	85	KLPC 013 457...
		500	100	27	55 (61,9) •	85	KLPC 013 500...
		610	100	27	55 (61,9) •	85	KLPC 013 610...
		762	100	27	55 (61,9) •	85	KLPC 013 762...
		914	100	27	55 (61,9) •	85	KLPC 013 914...
LPC 279 - K450	114,3	457	125	27	55 (61,9) •	116	KLPC 018 457...
		500	125	27	55 (61,9) •	116	KLPC 018 500...
		610	125	27	55 (61,9) •	116	KLPC 018 610...
		762	125	27	55 (61,9) •	116	KLPC 018 762...
		914	125	27	55 (61,9) •	116	KLPC 018 914...

• = Only for corner tracks of 2 or more strands.

- This corner track is designed for LPC 279 chains that work according to our patented LPC™ system. This system (low pin centerline) allows for easy maintenance and cleaning because the chain can be easily lifted when the conveyor is stopped. On the other hand it stays flat when working, giving better stability to products. Recommended for high speed conveyors

- **Material:** polyethylene UHMWPE (black) with molecular density 1.000.000.

- **Standard packaging:** the corner tracks are supplied complete with carry and return sections.

- **When ordering indicate the No. of strands required:**

KLPC 013 457 **1**
Code No. of strands

- **Linear expansion coefficient :** 2×10^{-4}

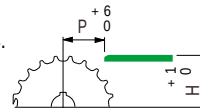
Calculation of thermal expansion see page 141.

- **Operating temperature :**

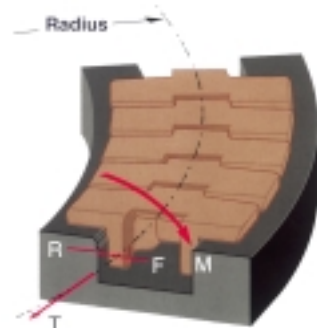
In air (-40 to + 80 °C).

In hot water (+ 70 °C).

- **Positioning :** see page 144.



- **Guide system LPC™**



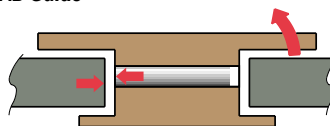
T = The tension on the chain from the drive motor (chain pull).

F = The resulting force driving the chain against the inner wearstrip in a corner.

R = The reaction of the corner against the chain.

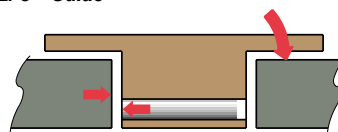
M = Reacting couple applied to the chain.

- **TAB Guide**



The reacting couple (M) tends to lift the chain.

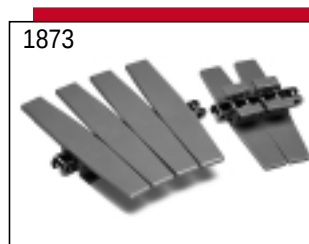
- **LPC™ Guide**



In the guide system LPC™ (Low Pin Centerline) the reacting couple (M) tends to keep the chain flat.

Corner tracks and straight tracks for PlateTop Series:

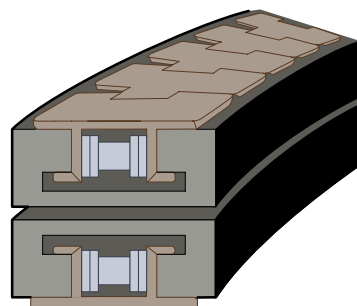
- 1874
- 4874
- 1873



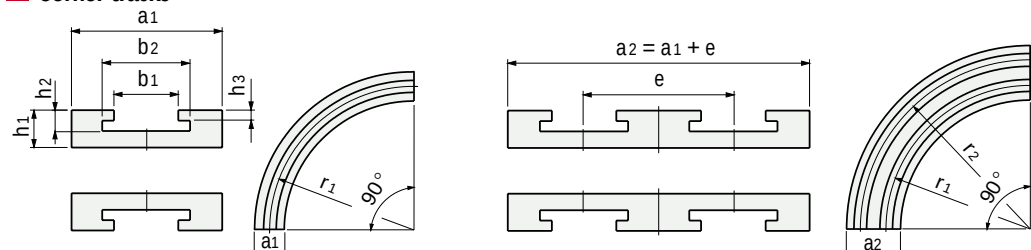
Suitable also with chains type:

- 1874 G
- 1874 HDG
- 1873 G

Series KTU 300

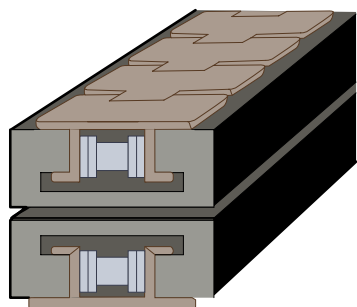


Corner tracks

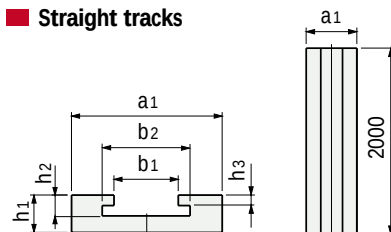


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	± 0.5 b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code
1873-K325 1874-K325 4874-K325	82,5	500	100	34,6	70	36	29	19	90	KTU 313 500...
1873-K450 1874-K450	114,3	500	125	34,6	70	36	29	19	120	KTU 318 500...
1873-K600 1874-K600 4874-K600	152,4	610	160	34,6	70	36	29	19	160	KTU 324 610...
1873-K750 1874-K750 4874-K750	190,5	610	200	34,6	70	36	29	19	195	KTU 330 610...
1873-K1000	254	610	260	34,6	70	36	29	19	260	KTU 340 610...
1873-K1200	304,8	610	310	34,6	70	36	29	19	310	KTU 348 610...

Series STU 300



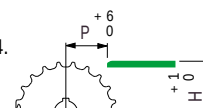
Straight tracks



Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
1873-K325 1874-K325 4874-K325	82,5	100	34,6	70	36	29	19	STU 313
1873-K450 1874-K450	114,3	125	34,6	70	36	29	19	STU 318
1873-K600 1874-K600 4874-K600	152,4	160	34,6	70	36	29	19	STU 324
1873-K750 1874-K750 4874-K750	190,5	200	34,6	70	36	29	19	STU 330
1873-K1000	254	260	34,6	70	36	29	19	STU 340
1873-K1200	304,8	310	34,6	70	36	29	19	STU 348

- **Material:** polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging:** the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.
- **When ordering indicate the No. of strands required:**
KTU 313 500 **1**
Code No. of strands

- **Linear expansion coefficient:** 2×10^{-4}
Calculation of thermal expansion see page 141.
- **Operating temperature:**
In air (-40 to + 80 °C).
In hot water (+ 70 °C).
- **Positioning:** see page 144.





Suitable also with chains type:

- LBP 882 TAB
- FLBP 882 TAB

Corner tracks and straight tracks for low backline pressure chains Series:

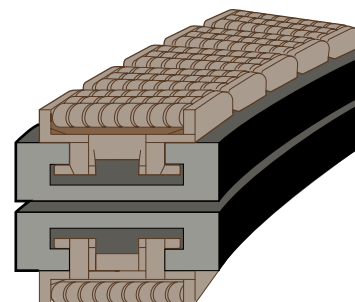
- SLBP 882 TAB
- LBP 883

■ Corner tracks

Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code
LBP882TAB - K375										
SLBP882TAB - K375	95,2	700	110	60	84	30	24	15	*	KTU 215 700...S
FLBP882TAB - K375										
LBP883TAB - K450	114,3	610	130	60	84	30	24	15	*	KTU 218 610...S
LBP883TAB - K750	190,5	610	210	60	84	30	24	15	*	KTU 230 610...S
SLBP882TAB - K750										

* = To be specified upon order.

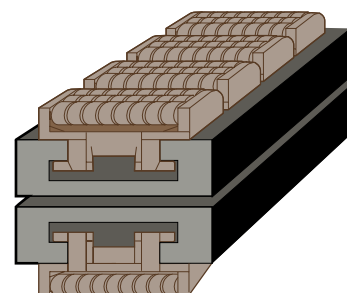
Series KTU 200



■ Straight tracks

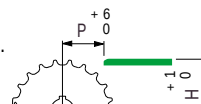
Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
LBP882TAB - K375								
SLBP882TAB - K375	95,2	110	60	84	30	24	15	STU 215
FLBP882TAB - K375								
LBP883TAB - K450	114,3	130	60	84	30	24	15	STU 218
LBP883TAB - K750	190,5	210	60	84	30	24	15	STU 230
SLBP882TAB - K750								

Series STU 200



- **Material:** polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging:** the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.
- **When ordering indicate the No. of strands required:**
KTU 215 700 **1 S**
Code No. of strands

- **Linear expansion coefficient :** 2×10^{-4}
Calculation of thermal expansion see page 141.
- **Operating temperature :**
In air (-40 to + 80 °C).
In hot water (+ 70 °C).
- **Positioning :** see page 144.



Corner tracks and straight tracks for Multiflex chains

Series:

- 1700 TAB K
- 1701 TAB K
- 1710 TAB K
- 1713 TAB K

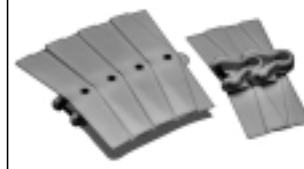
1700 TAB K - 1701 TAB K



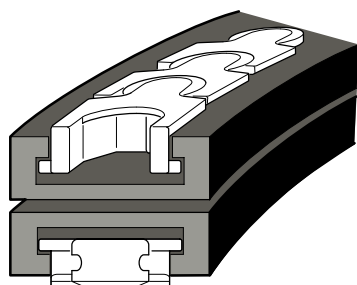
1710 TAB K



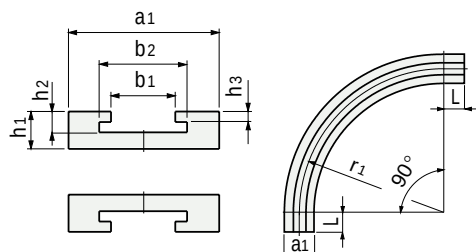
1713 TAB K



Series KTU500

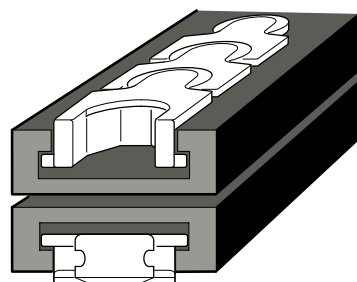


■ Corner tracks

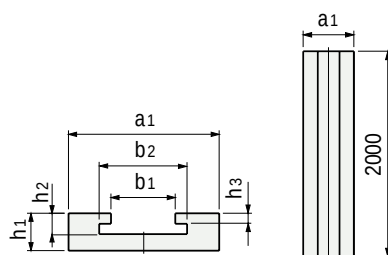


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	L mm	Code
1700TABK 1701TABK	55	250 500	100	58	70	40	21	12	50	KTU508250S KTU508500S
1710TABK	98	250 500	110	58	70	40	31	22	50	KTU515250S KTU515500S
1713TABK	253	500	270	58	70	40	30,5	20	50	KTU540500S

Series STU500



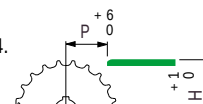
■ Straight tracks



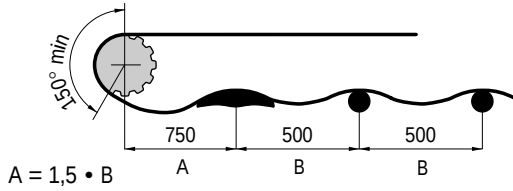
Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
1700TABK 1701TABK	55	100	58	70	40	21	12	STU508
1710TABK	98	110	58	70	40	31	22	STU515
1713TABK	253	270	58	70	40	30	20	STU540

- **Material:** polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging:** the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.

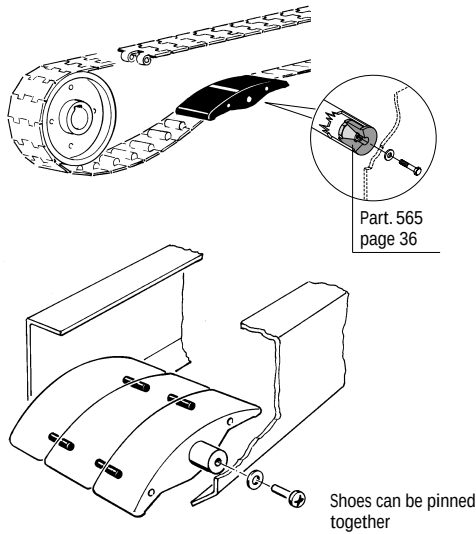
- **Linear expansion coefficient :** 2×10^{-4}
Calculation of thermal expansion see page 141.
- **Operating temperature :**
In air (-40 to + 80 °C).
In hot water (+ 70 °C).
- **Positioning :** see page 144.



• **Positioning**



• **Assembly**



• **TableTop® chains / PlateTop chains**

Fig. 39 - Chain width 82,5 mm (K 325)

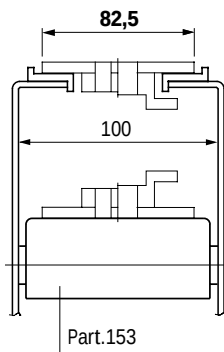
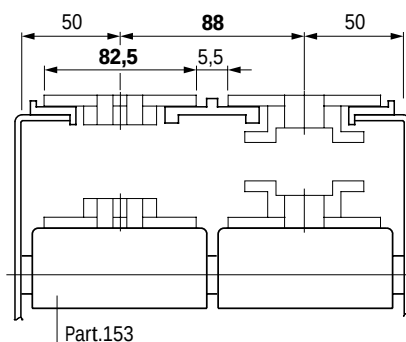
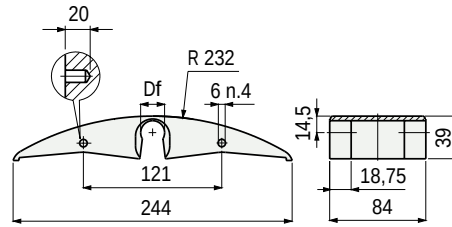


Fig. 40 - Chain width 82,5 mm (K 325) / Pitch 88 mm



■ **Wear shoe**



Part.	Shaft dia. mm	Bore dia. Df mm	Material	Code
	18	19	Polyethylene PE (green)	608692
153	20	21	Polyamide PA (black)	684221
			Polyethylene PE (green)	684231

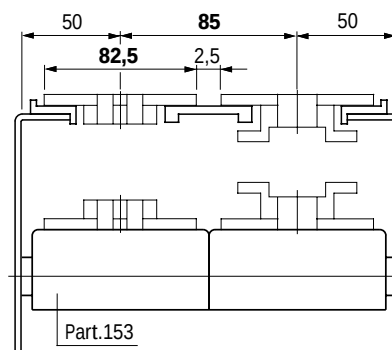
- Use : see Fig. 39-40-41.
- PE polyethylene (green) version can be used both with plastic chains and metal chains.
- PA polyamide (black) version is recommended for metal chains. **Not recommended** for plastic chains because of rapid wear of chain.
- Packaging : 15 pieces.

Part. 153



Snap-on assembly

Fig. 41 - Chain width 82,5 mm (K 325) / Pitch 85 mm

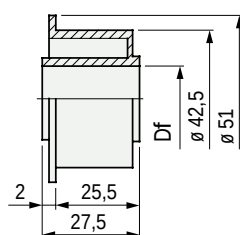


Part. 73



Dia. 42,5 mm

Roller



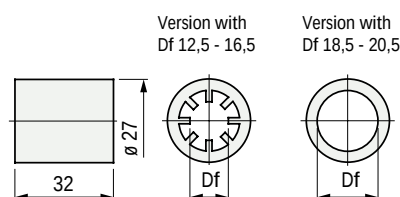
Part.	Shaft dia. mm	Bore dia. Df mm	Code
	12	12,5	50660*
73	16	16,5	62946
	18	18,5	50670*
	20	20,5	50680

- Use : see Fig. 42-43-44-45-46-47.
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 126



Separator



Part.	Shaft dia. mm	Bore dia. Df mm	Code
	12	12,5	65396*
126	16	16,5	65406
	18	18,5	65416*
	20	20,5	62520

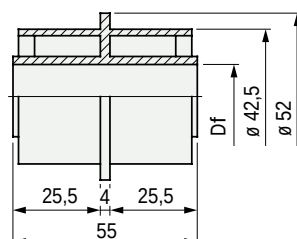
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 125



Dia. 42,5 mm

Double roller



Part.	Shaft dia. mm	Bore dia. Df mm	Code
	12	12,5	62956*
125	16	16,5	62966
	18	18,5	62976*
	20	20,5	62510

- Use : see Fig. 44.
- Material : polyamide PA (black).
- Packaging : 100 pieces.

* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

TableTop® chains / PlateTop chains

Fig. 42 - Chain width 82,5 mm (K 325)

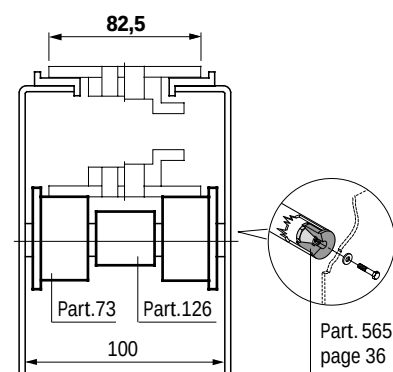


Fig. 43 - Chain width 114,3 mm (K 450)

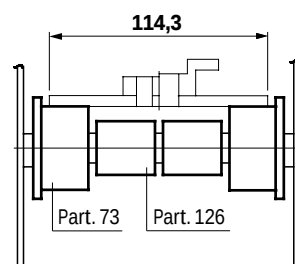


Fig. 44 - Chain width 82,5 mm (K 325) / Pitch 88 mm

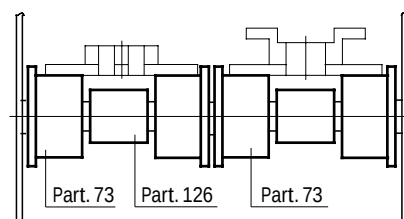
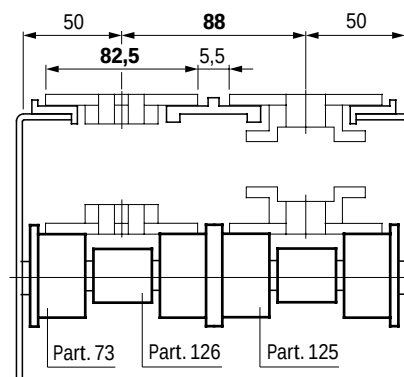


Fig. 45 - Chain width 114,3 mm (K 450) / Pitch 120 mm

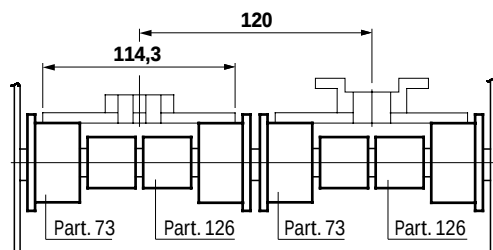


Fig. 46 - Chain width 82,5 mm (K 325) / Pitch 85 mm

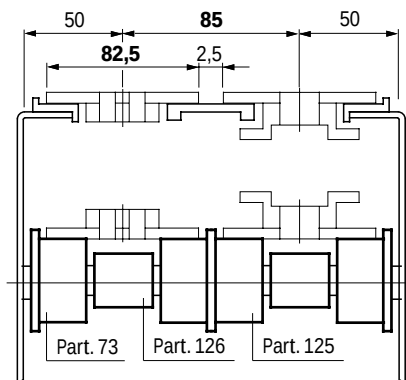


Fig. 47 - Chain width 82,5 mm (K 325) / Pitch 83,5 mm

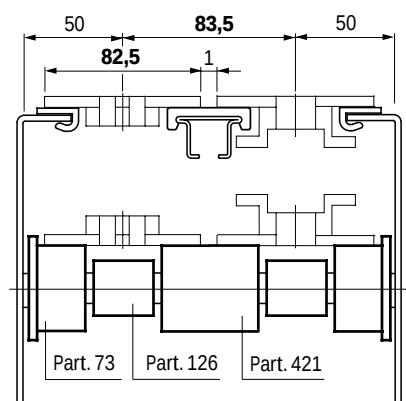
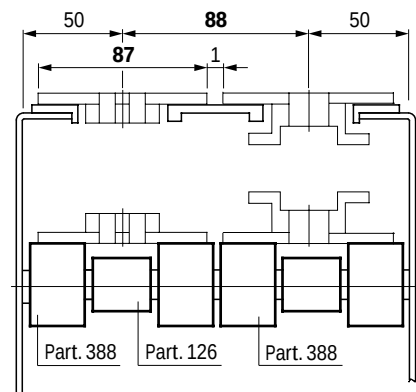
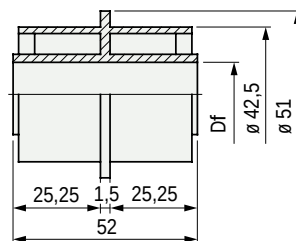


Fig. 48 - Chain width 87 mm (K 343) / Pitch 88 mm



Multi strand conveyors, with 82,5 mm width chains and pitch 88 mm, can be modified to convey PET bottles with petal bottom or other unstable products. Change chains from 82,5 mm to 87 mm width and wear strips, in this way the Gap between chains is reduced from 5,5 mm to 1 mm while the conveyor frame is unchanged. See fig. 16, page 7.

Double roller



Part.	Shaft dia. mm	Bore dia. Df mm	Code
	12	12,5	63898*
	16	16,5	63908*
125	18	18,5	63918*
	20	20,5	68873

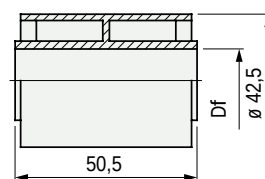
- Use : see Fig. 46.
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 125



Dia. 42,5 mm

Roller



Part.	Shaft dia. mm	Bore dia. Df mm	Code
	12	12,5	63858*
	16	16,5	63868
421	18	18,5	63878*
	20	20,5	63888

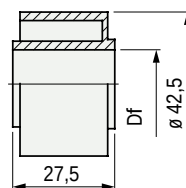
- Use : see Fig. 47.
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 421



Dia. 42,5 mm

Roller



Part.	Shaft dia. mm	Bore dia. Df mm	Code
	12	12,5	66116*
	16	16,5	66126
388	18	18,5	66136*
	20	20,5	66146

- Use : see Fig. 48.
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 388



Dia. 42,5 mm

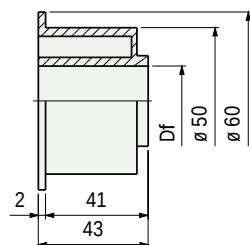
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 561



Dia. 50 mm

Roller



Part.	Shaft dia mm	Bore dia Df mm	Code
561	15	15,5	697561*

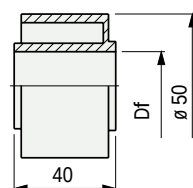
- Use : see Fig. 49-50-51-52-53.
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 560



Dia. 50 mm

Roller



Part.	Shaft dia mm	Bore dia Df mm	Code
560	15	15,5	697551*

- Use : see Fig. 53.
- Material : polyamide PA (black).
- Packaging : 100 pieces.

TableTop® chains / PlateTop chains

Fig. 49 - Chain width 82,5 mm (K 325)

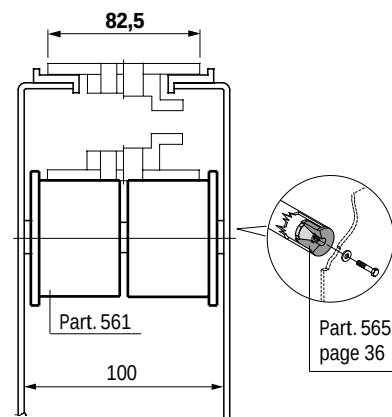


Fig. 50 - Chain width 114,3 mm (K 450)

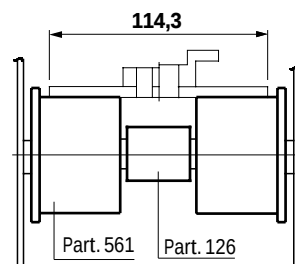


Fig. 51 - Chain width 82,5 mm (K 325) / Pitch 88 mm

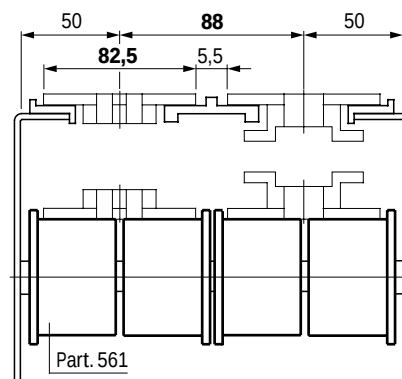


Fig. 52 - Chain width 114,3 mm (K 450) / Pitch 120 mm

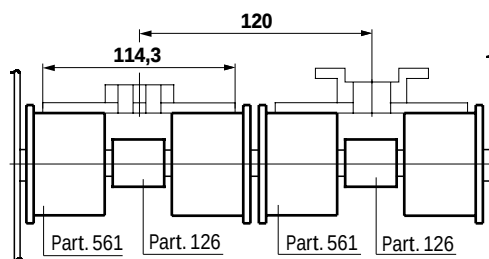
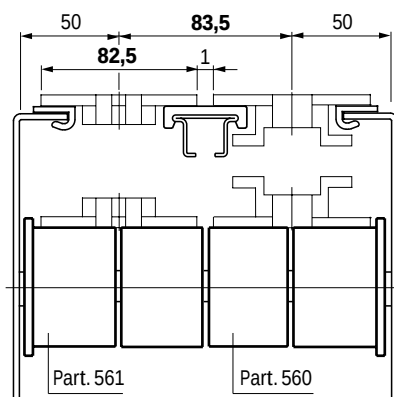


Fig. 53 - Chain width 82,5 mm (K 325) / Pitch 83,5 mm



* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• TableTop® chains / PlateTop chains

Fig. 54 - Chain width 82,5 mm (K 325)

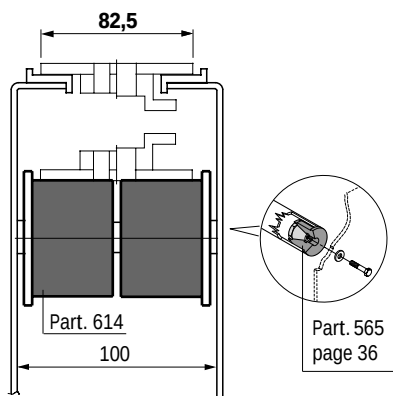


Fig. 55 - Chain width 114,3 mm (K 450)

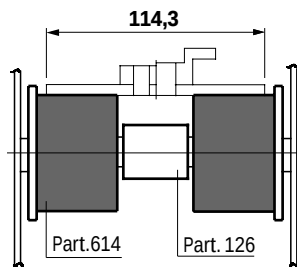


Fig. 56 - Chain width 82,5 mm (K 325) / Pitch 88 mm

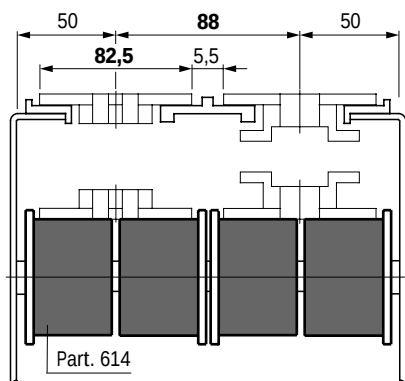
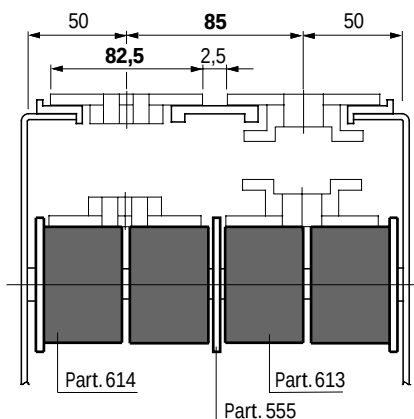
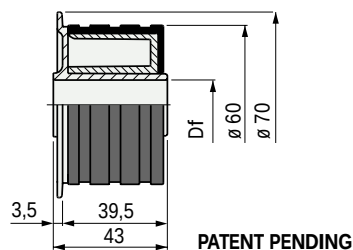


Fig. 57 - Chain width 82,5 mm (K 325) / Pitch 85 mm

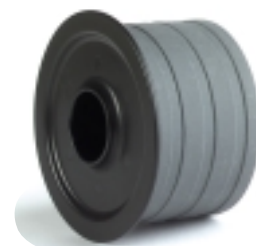


■ Roller (with rubber surface)



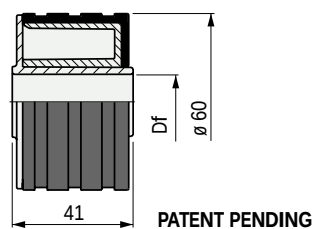
Part.	Shaft dia. mm	Bore dia. Df mm	Code
614	15	15,5	615382
	16	16,5	615392
	18	18,5	615402
	20	20,5	615412

- Use : see Fig. 54 - 55 - 56 - 57 - 58 - 59.
- Characteristics: completely closed design. Less noise even in high speed conveyors. Hub in acetal for low friction.
- Material : roller in acetal POM (black). External SBR rubber surface (grey). 60 Shore hardness.
- Packaging : 100 pieces.



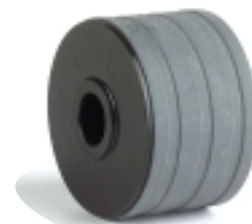
Dia. 60 mm

■ Roller (with rubber surface)



Part.	Shaft dia. mm	Bore dia. Df mm	Code
613	15	15,5	615342
	16	16,5	615352
	18	18,5	615362
	20	20,5	615372

- Use : see Fig. 57 - 58.
- Characteristics: completely closed design. Less noise even in high speed conveyors. Hub in acetal for low friction.
- Material : roller in acetal POM (black). External SBR rubber surface (grey). 60 Shore hardness.
- Packaging : 100 pieces.



Dia. 60 mm

Fig. 58 - Chain width 82,5 mm (K 325) / Pitch 83,5 mm

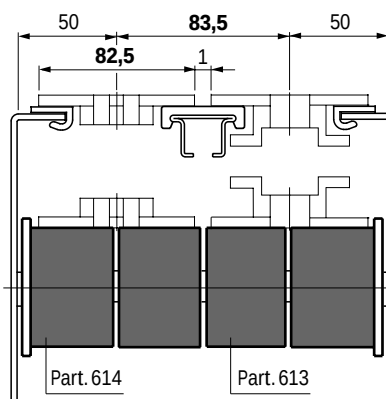


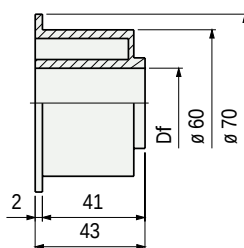
Fig. 59 - Chain width 114,3 mm (K 450) / Pitch 120 mm
See fig. 65 page 31

Part. 556



Dia. 60 mm

Roller



Part.	Shaft dia. mm	Bore dia. Df mm	Code
556	15	15,5	695221*
	16	16,5	695231
	18	18,5	695241*
	20	20,5	695251

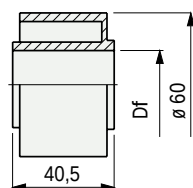
- Use : see Fig. 60-61-62-63-64-65.
- Material : self-lubricating polyamide PA (black).
- Packaging : 100 pieces.

Part. 554



Dia. 60 mm

Roller



Part.	Shaft dia. mm	Bore dia. Df mm	Code
554	15	15,5	695141*
	16	16,5	695151
	18	18,5	695161*
	20	20,5	695171

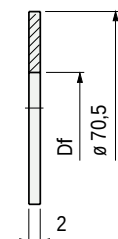
- Use : see Fig. 63-64.
- Material : self-lubricating polyamide PA (black).
- Packaging : 100 pieces.

Part. 555



For Part. 554-613

Guide flange



Part.	Shaft dia. mm	Bore dia. Df mm	Code
555	15	15,2	695181*
	16	16,2	695191
	18	18,2	695201*
	20	20,2	695211

- Use : see Fig. 63.
- Assembly : to be applied to rollers Part. 554-613.
- Material : self-lubricating polyamide PA (black).
- Packaging : 100 pieces.

• TableTop® chains / PlateTop chains

Fig. 60 - Chain width 82,5 mm (K 325)

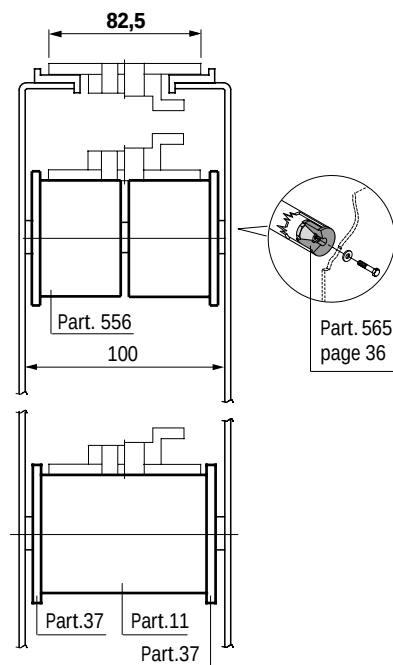


Fig. 61 - Chain width 114,3 mm (K 450)

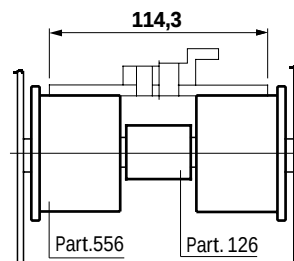
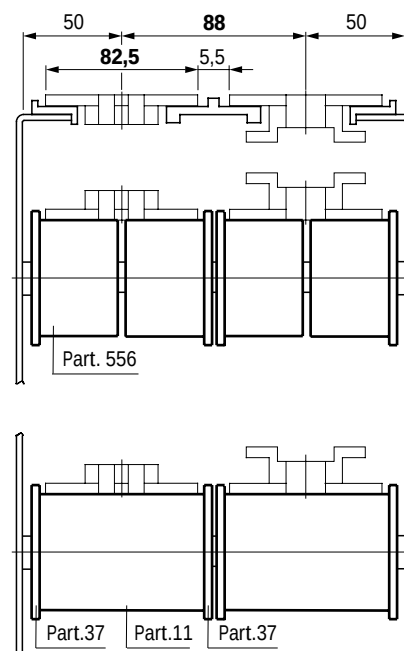


Fig. 62 - Chain width 82,5 mm (K 325) / Pitch 88 mm



* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Fig. 63 - Chain width 82,5 mm (K 325) / Pitch 85 mm

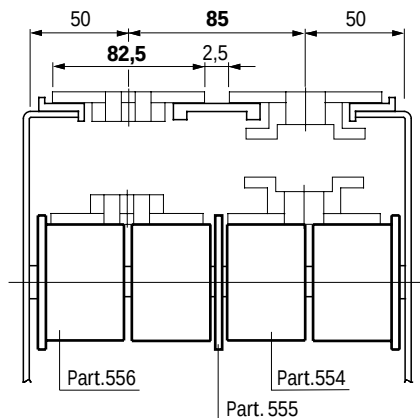


Fig. 64 - Chain width 82,5 mm (K 325) / Pitch 83,5 mm

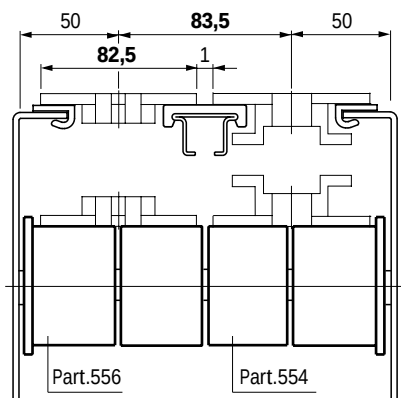


Fig. 65 - Chain width 114,3 mm (K 450) / Pitch 120 mm

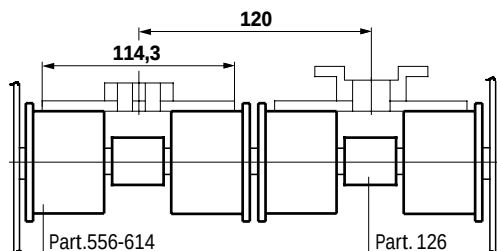
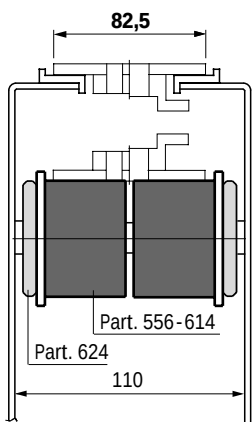
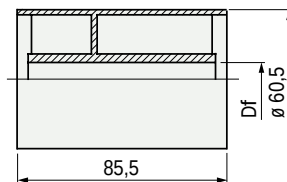


Fig. 66 - Chain width 82,5 mm (K 325)



Roller

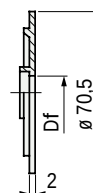


Dia. 60 mm

Part.	Shaft dia mm	Bore dia Df mm	Code
11	14	14,5	50690
	16	16,5	611012*

- Use : see Fig. 60-62.
- Material : polyamide PA (black).
- Packaging : 50 pieces.

Guide flange



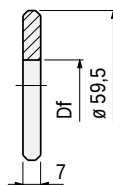
Part. 37



Part.	Shaft dia mm	Bore dia Df mm	Code
37	14	14,5	50700
	16	16,5	611022*

- Use : see Fig. 60-62.
- Material : polyamide PA (black).
- Assembly : by pressure on the centre hole.
- Packaging : 100 pieces.

Separator



Part. 624



Part.	Shaft dia mm	Bore dia Df mm	Code
624	20	20,2	619412

- Use : see Fig. 66.
- Assembly : to be applied to rollers Part. 556-614.
- Material : polyethylene PE (white).
- Packaging : 100 pieces.

* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

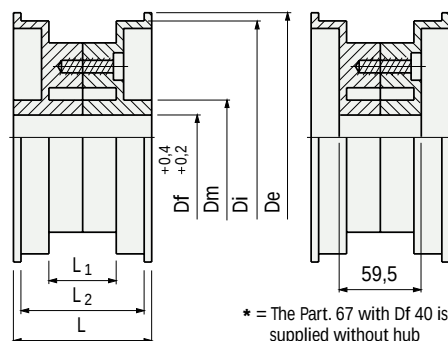
Part. 67-22-74



Rollers

Part. 67 (Df 30) - 22 - 74

Part. 67 (Df 40)



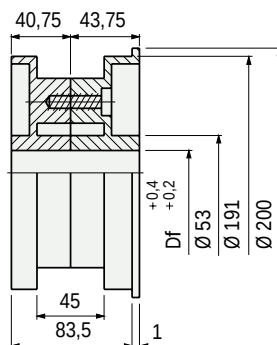
Part.	De mm	Di mm	Dm mm	L1 mm	L2 mm	L mm	Bore dia. Df mm	Code
67	167	156	41*	50	84,5	87,5	30 40	50580 50590
22	200	191	53	45	85,5	87,5	30 40	63840 50630*
74	200	191	53	62	102,5	105,5	30 40	50640 50650*

- Use : Part. 67 see Fig. 66-67. Part. 22 see Fig. 67-68-69. Part. 74 see Fig. 70.
- Material : roller in polyamide PA (black), screws in zinc plated steel.
- Weight : Part. 67 (0,39 Kg), Part. 22 (0,50 Kg), Part. 74 (0,59 Kg).
- Packaging : Part. 67 (30 pieces), Part. 22 (20 pieces), Part. 74 (15 pieces).

Part. 22 M



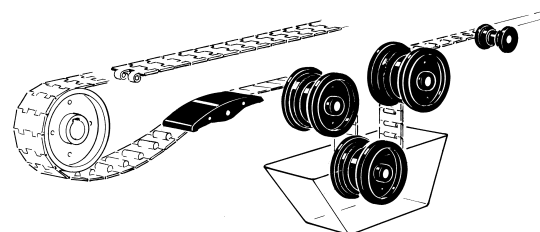
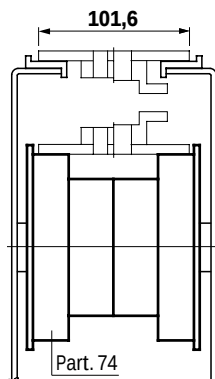
Rollers



Part.	Bore dia. Df mm	Code	Weight Kg
22 M	30	64507	0,49

- Use : see Fig. 69.
- Material : roller in polyamide PA (black), screws in zinc plated steel.
- Packaging : 20 pieces.

Fig. 70 - Chain width 101,6 mm (K 400)



TableTop® chains

Fig. 67 - Chain width 82,5 mm (K 325)

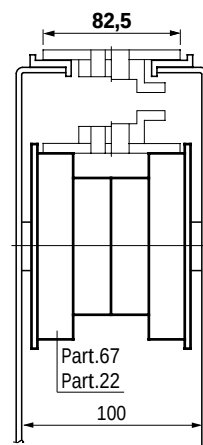


Fig. 68 - Chain width 82,5 mm (K 325) / Pitch 88 mm

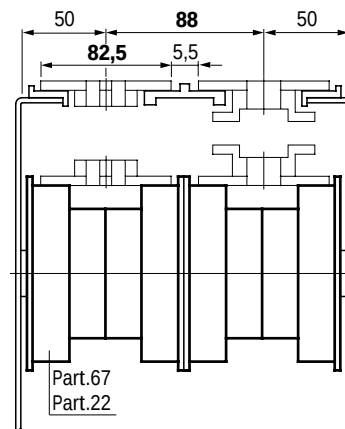
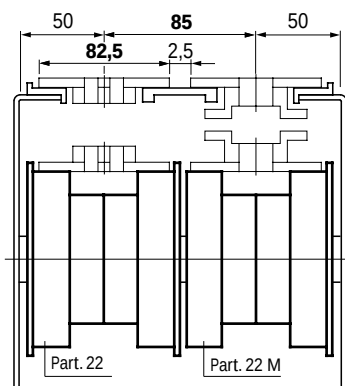
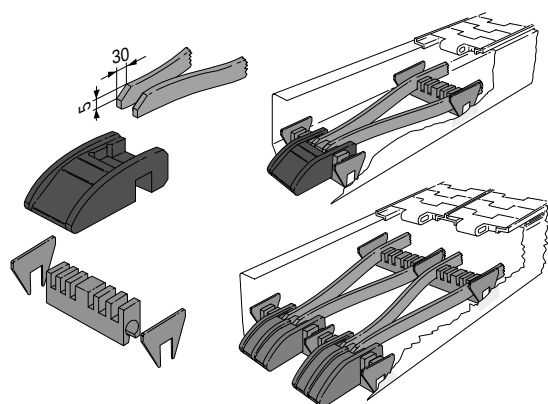


Fig. 69 - Chain width 82,5 mm (K 325) / Pitch 85 mm

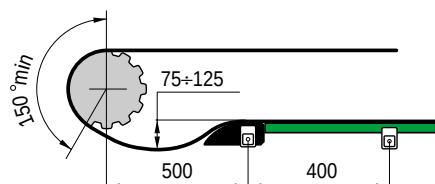


- The schedule of Fig. 69 is meant for 2 track conveyors.
- With 3 track conveyors: use 1 Part. 22 and 2 Part. 22 M.
- With 4 track conveyors: use 1 Part. 22 and 3 Part. 22 M, etc.

* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.



• **Positioning**



• **TableTop® chains / PlateTop chains**

Fig. 71 - Chain width 82,5 mm (K 325)

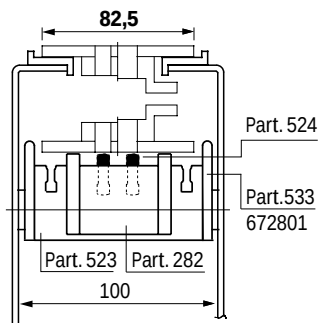


Fig. 72 - Chain width 82,5 mm (K 325) / Pitch 88 mm

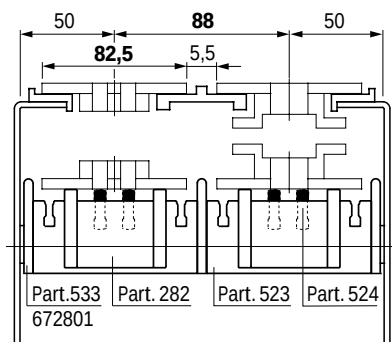
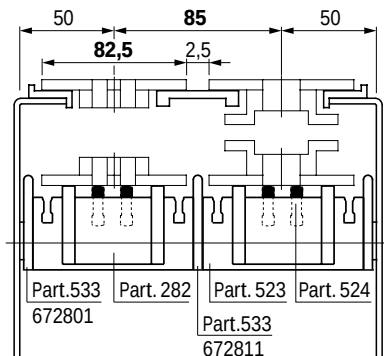
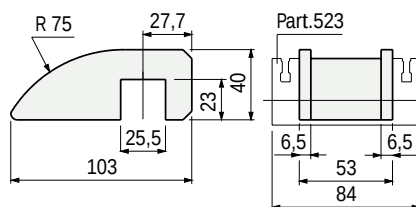


Fig. 73 - Chain width 82,5 mm (K 325) / Pitch 85 mm



■ **Chain return guide**



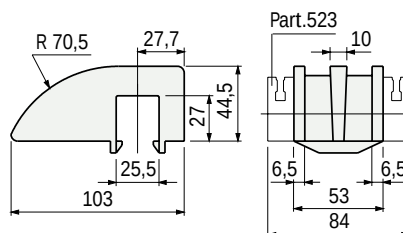
Part.	Material	Code	Weight Kg
282	Polyethylene UHMWPE (black) 1.000.000	66991*	0,11

- Use : see Fig. 71-72-73-74.
- Applicable to spacers Part. 523.
- Assembly : press-fit. Interference fixed.
- Packaging : 10 pieces.

Part. 282



■ **Chain return guide**



Part.	Material	Code	Weight Kg
282	Polyamide PA (black)	60615	0,06

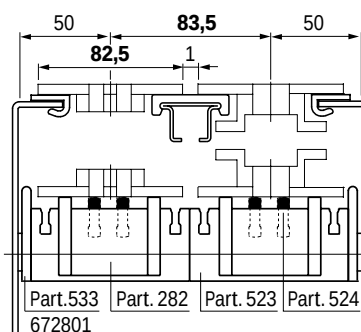
- Use : see Fig. 71-72-73-74.
- Applicable to spacers Part. 523.
- Snap-on assembly.
- Economical version.
- Confezione : 50 pezzi.

Part. 282



Snap-on assembly

Fig. 74 - Chain width 82,5 mm (K 325) / Pitch 83,5 mm



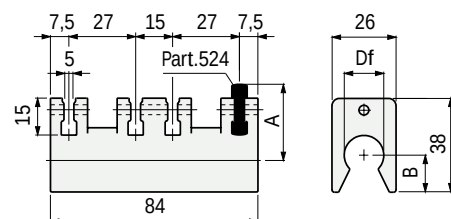
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 523



Snap-on assembly for round profiles

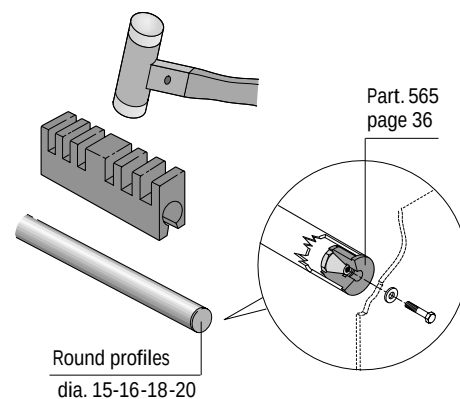
■ Spacer



Part.	Shaft dia mm	Bore dia Df mm	A mm	B mm	Code	Weight Kg
	15	15,2	28	15,5	643461*	
	16	16,2	28,5	15	643471*	
523	18	18,2	29,9	14	643481*	0,04
	20	20,4	30,5	13	643491	

- Use : see Fig. 75-76-77-78.
- Material : polyamide PA (black).
- Packaging : 100 pieces.

• Snap-on assembly on round steel profiles

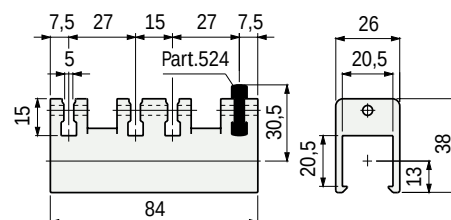


Part. 523



Snap-on assembly for square profiles

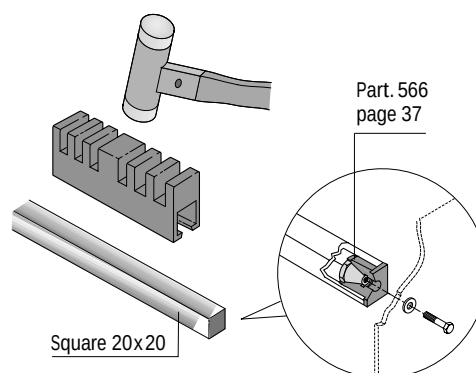
■ Spacer



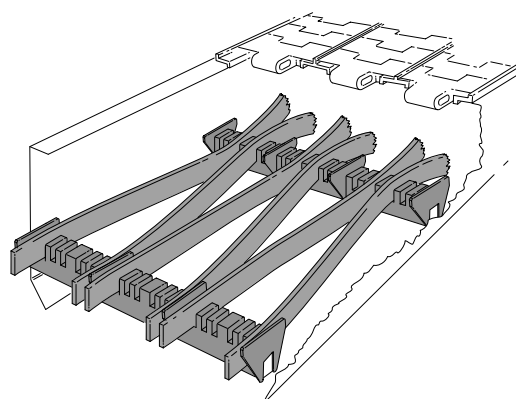
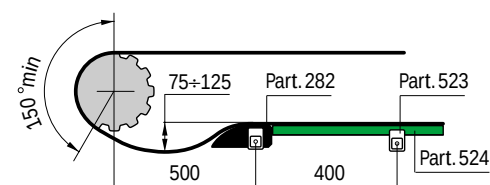
Part.	Square shaft mm	Code	Weight Kg
523	20x20	643451	0,03

- Use : see Fig. 75-76-77-78.
- Material : polyamide PA (black).
- Packaging : 100 pieces.

• Snap-on assembly on square



• Positioning



* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• TableTop® chains / PlateTop chains

Fig. 75 - Chain width 82,5 mm (K 325)

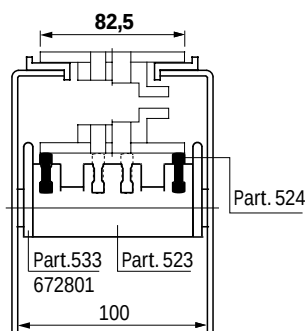


Fig. 76 - Chain width 82,5 mm (K 325) / Pitch 88 mm

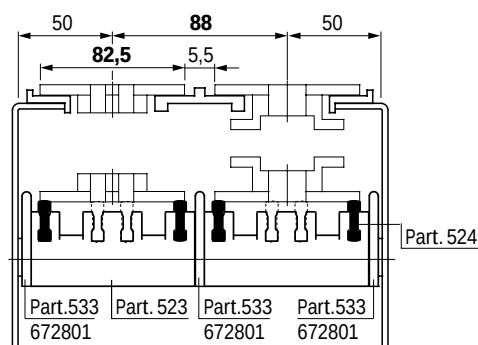


Fig. 77 - Chain width 82,5 mm (K 325) / Pitch 85 mm

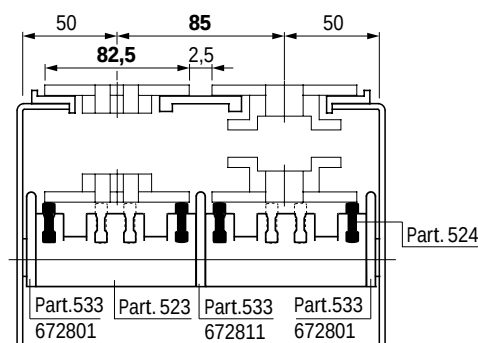
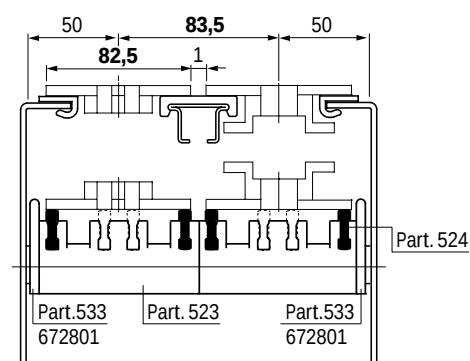
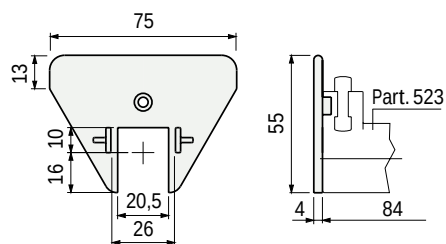


Fig. 78 - Chain width 82,5 mm (K 325) / Pitch 83,5 mm



■ **Striker**



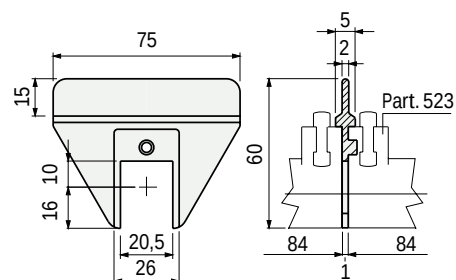
Part.	Code	Weight Kg
533	672801	0,01

- Use : see Fig. 75-76-77-78.
- Applicable to spacers Part. 523. Snap-on assembly.
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 533



■ **Striker (centre)**



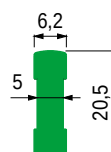
Part.	Code	Weight Kg
533	672811*	0,01

- Use : see Fig. 77.
- Applicable to spacers Part. 523. Snap-on assembly.
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 533



■ **Sliding profile**



Part.	Material	Code
524	Polyethylene PE (green)	1.000.000 643501

- Use : see Fig. 75-76-77-78.
- Applicable to spacers Part. 523. Snap-on assembly.
- Standard packaging : coil.
- Packaging : 70 metres.

Part. 524



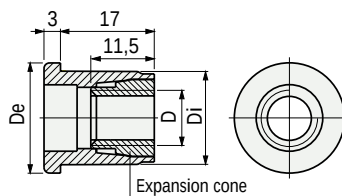
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 565



for round tubes dia. 18-20 mm

Expansion plugs



Tube dimensions						
Part.	Outside dia. mm	Thickness mm	Inside dia. mm	Thread D	De mm	Di mm
565	18	1,5	15	M8	18	15
	2	2	14	M6	18	14
	20	1,5	17	M8	20	17
				M10	20	17
						Code
						698661
						698671
						698681
						698691

- Material : plug in polyamide PA (black), expansion cone in brass.
- Weight : 0,01Kg.
- Packaging : 100 pieces.
- Max recommended tightening torque : 1 Kgm.

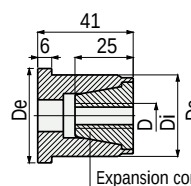
Part. 179



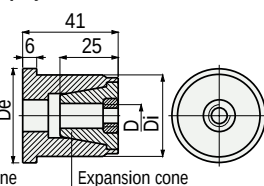
for round tubes dia. 38-42,4 mm

Expansion plugs

Expansion cone in brass



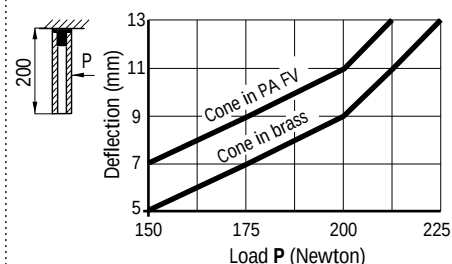
Expansion cone in reinforced polyamide PA FV



Tube dimensions								
Part.	Outside dia. mm	Thickness mm	Inside dia. mm	Thread D	De mm	Di mm	Code	
• Expansion cone in brass								
179	38	1,5	35	M8	40	34,8	69513	
				M10	40	34,8	69523	
	42,4	1,5	39,4	M8	44,5	39,2	69533	
				M10	44,5	39,2	69543	
	• Expansion cone in reinforced polyamide PA FV							
	179	38	1,5	35	M8	40	34,8	54881
M10					40	34,8	52641*	
42,4		1,5	39,4	M8	44,5	39,2	54891	
				M10	44,5	39,2	52651*	

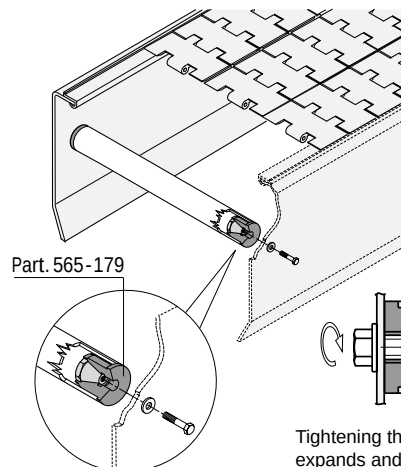
- Material : plug in reinforced polyamide PA (black), expansion cone in brass or in reinforced polyamide PA FV.
- Weight : 0,10 Kg.
- Packaging : 50 pieces.
- Max recommended tightening torque : 2,5 Kgm (for M8), 4 Kgm (for M10).

Deflection of Part. 179



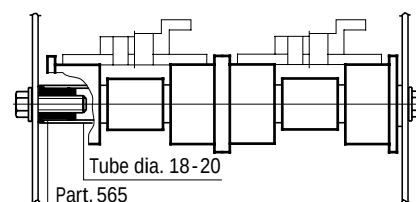
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Assembly Part. 565 - 179

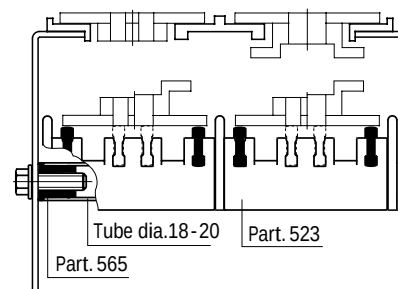


Tightening the bolt the plug expands and stays firmly in the tube

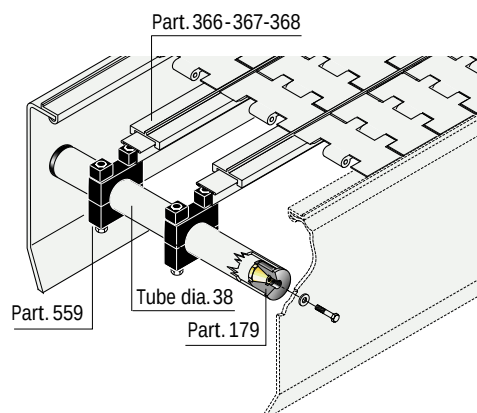
Application example of Part. 565 for return chain rollers



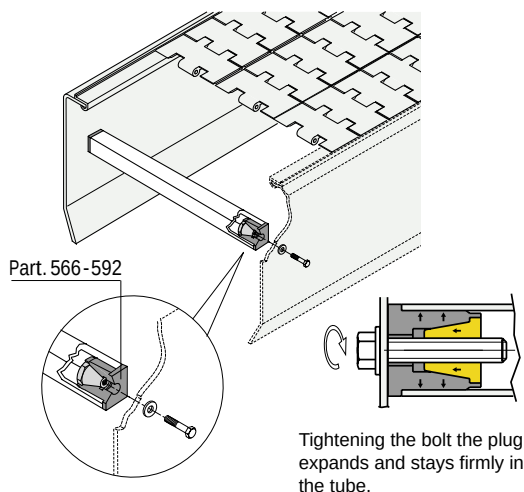
Application example of Part. 565 for serpentine return



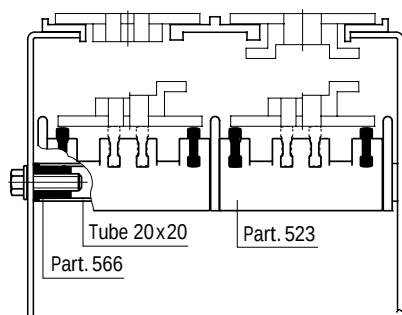
Application example of Part. 179 for supporting chain guide profile Part. 366-367-368



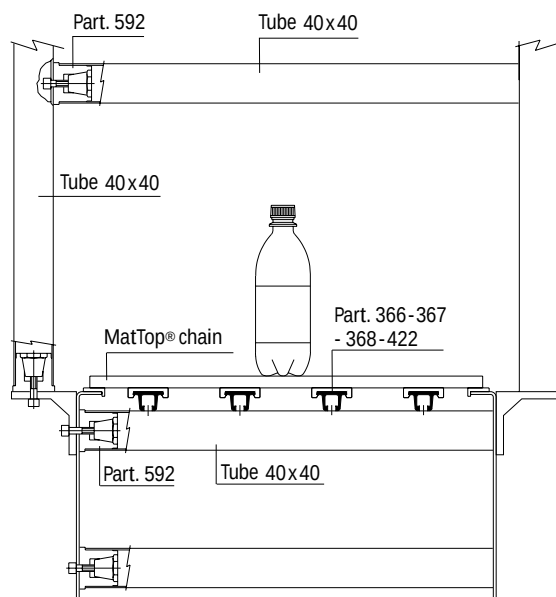
• **Assembly** Part. 566 - 592



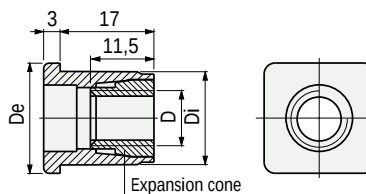
• **Application example** of Part. 566 for serpentine return



• **Application example** of Part. 592 for modular chain conveyors to support profiles Part. 366-367-368-422



■ **Expansion plugs**



Tube dimensions						
Part.	Outside mm	Thickness mm	Inside mm	Thread D	De mm	Di mm
566	20x20	1,5	17	M8	20	17
				M10	20	17
		2	16	M8	20	16

- Material : plug in polyamide PA (black), expansion cone in brass.
- Weight : 0,01Kg.
- Packaging : 100 pieces.
- Max recommended tightening torque : 1 Kgm.

Part. 566

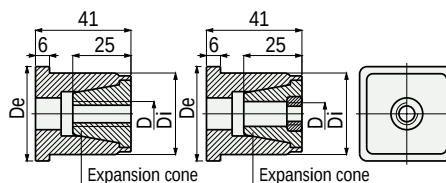


for square tubes 20 mm

■ **Expansion plugs**

Expansion cone in brass

Expansion cone in reinforced polyamide PA FV



Tube dimensions							
Part.	Outside mm	Thickness mm	Inside mm	Thread D	De mm	Di mm	Code
• Expansion cone in brass							
592	40x40	1,5/2	37/36	M8	42	36	609442
				M10	42	36	609462
		2,5/3	35/34	M8	42	34	609482
				M10	42	34	609502
• Expansion cone in reinforced polyamide PA FV							
592	40x40	1,5/2	37/36	M8	42	36	609452
				M10	42	36	609472
		2,5/3	35/34	M8	42	34	609492
				M10	42	34	609512

- Material : plug in reinforced polyamide PA FV (black), expansion cone in brass or in reinforced polyamide PA FV.
- Weight : 0,10 Kg.
- Packaging : 50 pieces.
- Max recommended tightening torque : 2,5 Kgm (for M8), 4 Kgm (for M10).

Part. 592



for square tubes 40 mm

SIDE MOUNTING TOP BRACKETS



Part. 416 - Page 40
Side mounting top bracket for tubes dia. 33,7.



Part. 199 - Page 40
Side mounting top bracket for tubes dia. 48,3 and 38-40.



Part. 168 - Page 41
Side mounting top bracket for tubes dia. 48,3 and 40.



BEARING HEADS



Part. 415 - Page 42
Bearing heads for tubes dia. 33,7.



Part. 198 - Page 42
Bearing heads for tubes dia. 48,3 and 38-40.



Part. 280 - Page 43
Bearing heads for tubes dia. 48,3-60,3.



Part. 141 - Page 43
Bearing heads for tubes dia. 60,3.

SUPPORT BASES



Part. 615 - Page 44
Support bases for tubes dia. 38,1-42,4-48,3-50,8-60,3.



Part. 418 - Page 45
Support bases for tubes dia. 33,7.



Part. 618 - Page 46
Support bases for tubes dia. 38,1-42,4-48,3-50,8-60,3.



Part. 611 - Page 46
Support bases for square tubes 40-50-60.



Part. 419 - Page 47
Support bases for tubes dia. 33,7.



Part. 420 - Page 45-47
Reduction bush for Part. 418 - 419. For tubes dia. 26,9.



Part. 619 - Page 48
Support bases for tubes dia. 42,4-48,3-50,8-60,3.



Part. 616 - Page 48
Support bases for tubes dia. 42,4-48,3-50,8-60,3.



Part. 119 B - Page 49
Support bases for tubes dia. 42,4-48,3-60,3.



Part. 124 - Page 49
Reduction bush for Part. 119 B. For tubes dia. 42,4-48,3-50-50,6.



Part. 146 - Page 49
Reduction bush for Part. 119 B. For tubes dia. 48,3.



CONNECTING JOINTS



Part. 562 - Page 50
Connecting joint for tubes dia. 33,7-38,1-42,4-48,3.



Part. 563 - Page 50
Connecting joint for tubes dia. 50,8-60,3.



Part. 564 - Page 51
Connecting joint for square tubes 38-40-45-50.



Part. 417 - Page 52
Connecting joint for tubes dia. 33,7.



Part. 454 - Page 52
Connecting joint for tubes dia. 42,4.

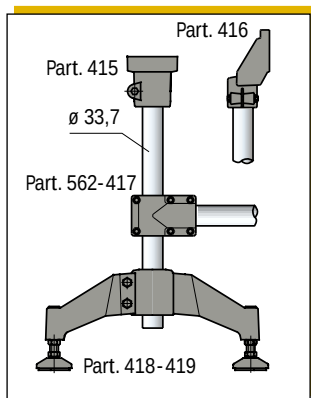


Part. 137 - Page 53
Connecting joint for tubes dia. 48,3-60,3.

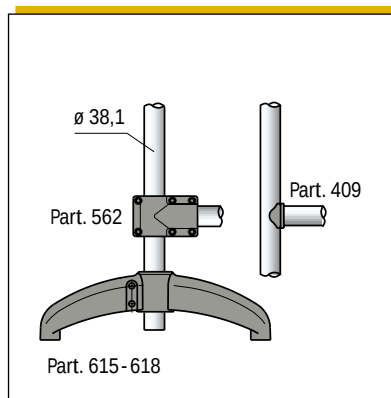


Part. 409 - Page 54
Connecting joint for tubes dia. 38-42,4-48,3-60,3.

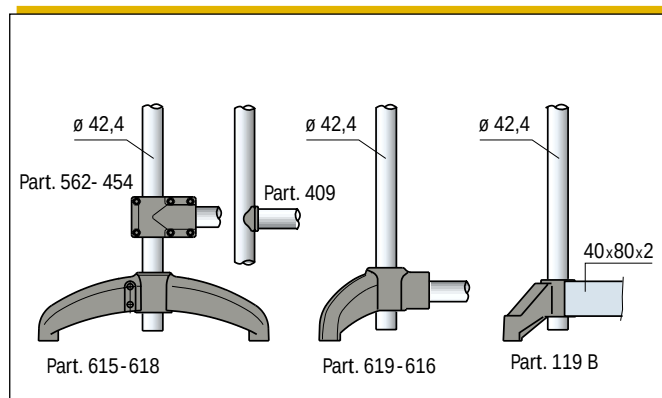




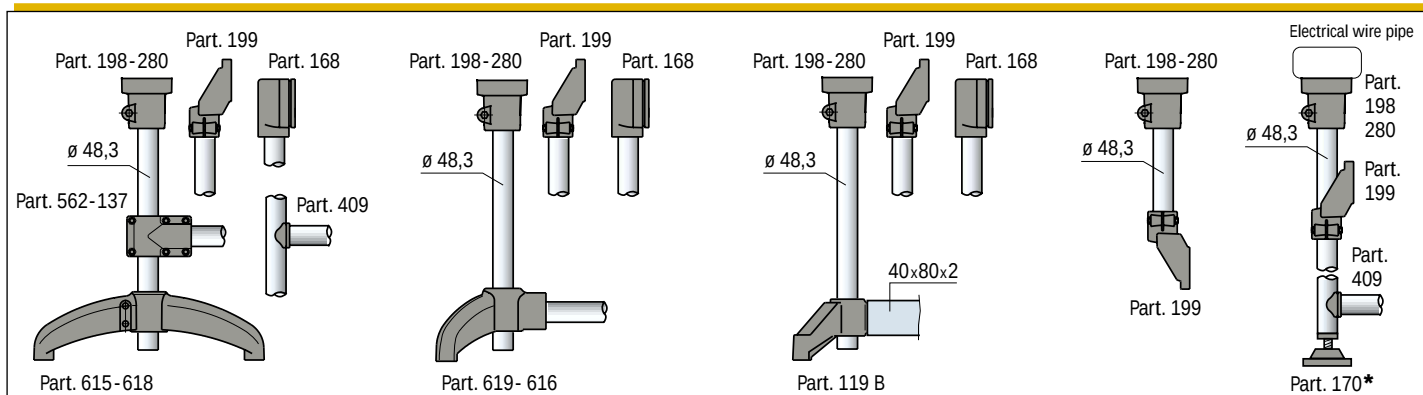
For round tubes dia. 33,7 (1")



For round tubes dia. 38,1

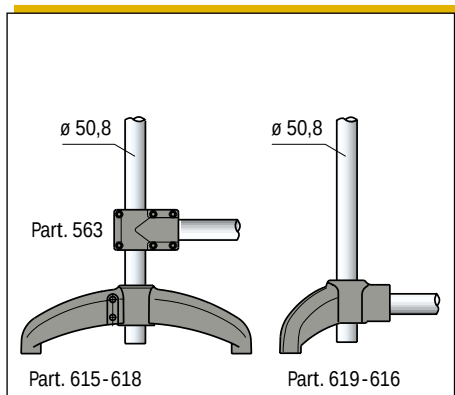


For round tubes dia. 42,4 (1 1/4)

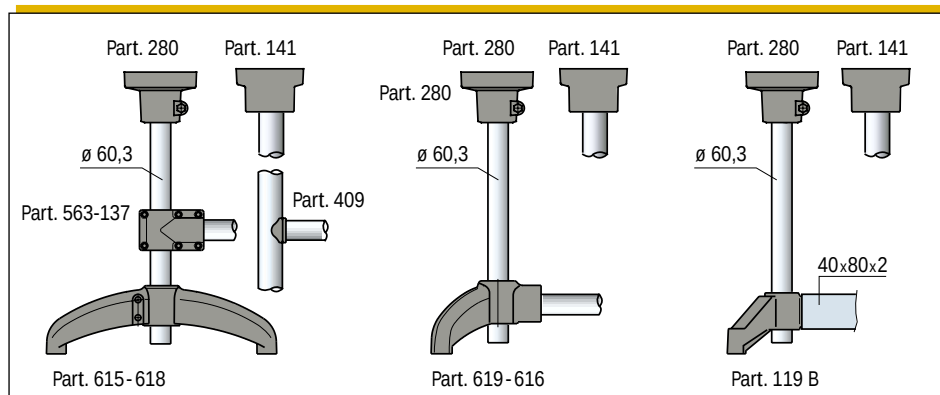


For round tubes dia. 48,3 (1 1/2)

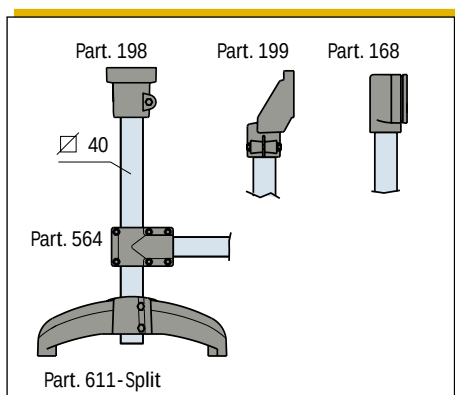
* = See catalogue ROBO



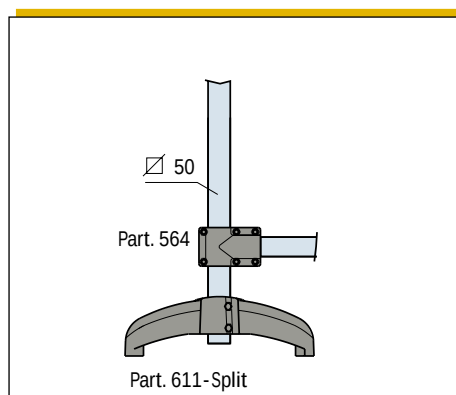
For round tubes dia. 50,8



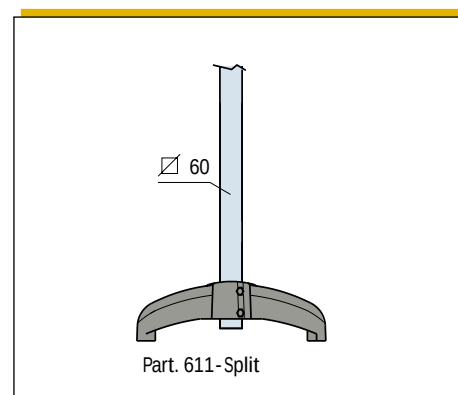
For round tubes dia. 60,3 (2")



For square tubes 40x40



For square tubes 50x50



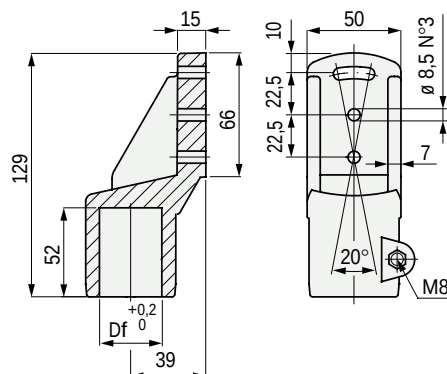
For square tubes 60x60

Part. 416



For round tubes

Side mounting top bracket



Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
416	33,7 (1")	33,7	AISI 304	69668*

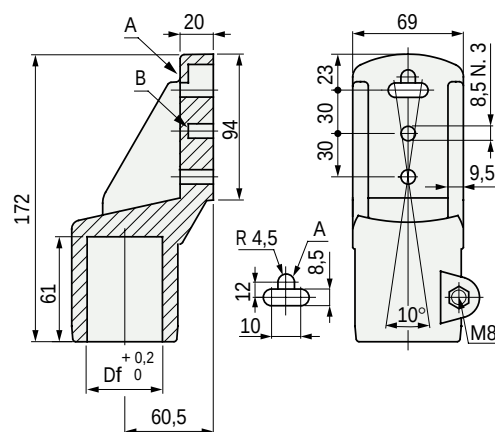
- Material : reinforced polyamide PA FV (black).
- Weight : 0,15 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 24 pieces.

Part. 199



For round and square tubes

Side mounting top bracket



Part.	Tube dimensions mm	Bore Df mm	Bolts material	Code
	dia. 48,3 (1"1/2)	dia. 48,3	AISI 304	59171
199	38x38	38	AISI 304 Zinc plated steel	611622 611712
	40x40	40	AISI 304 Zinc plated steel	611632 611722

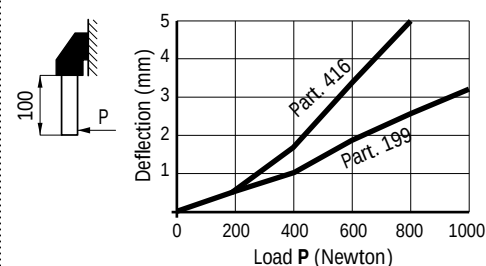
- Material : reinforced polyamide PA FV (black).
- Weight : 0,32 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 24 pieces.

* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Assembly of Part. 416



Deflection of Part. 416 - 199



Sliding load



Part. 416 (P = 3300 N)

Part. 199-Ø 48,3 (P = 3600 N)

Part. 199-Ø 38 (P = 2600 N)

Part. 199-Ø 40 (P = 1900 N)

Tests performed at tightening torque : 2 Kgm

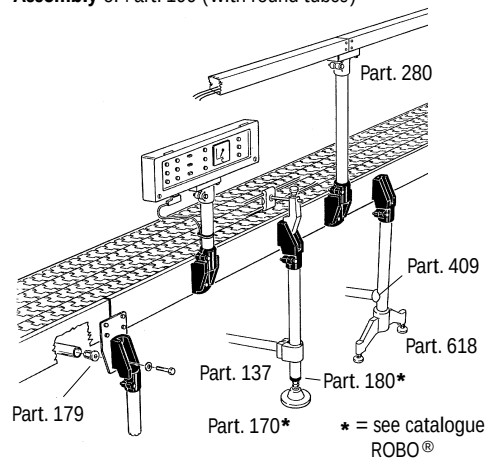
Breaking load



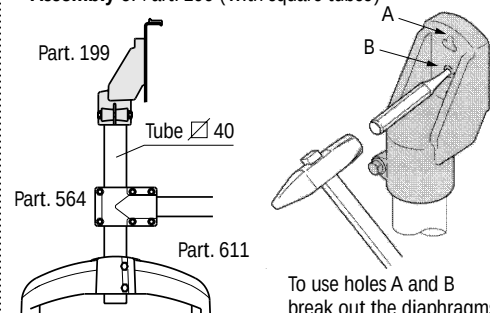
Part. 416 (P = 21900 N)

Part. 199 (P = 35900 N)

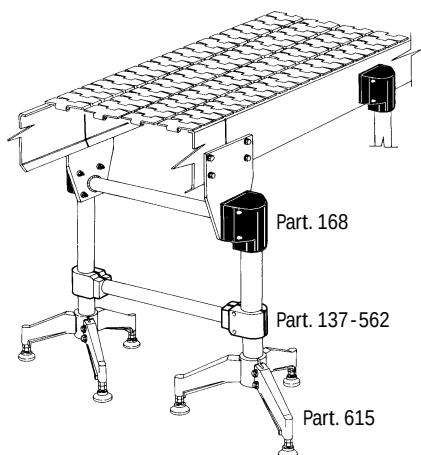
Assembly of Part. 199 (with round tubes)



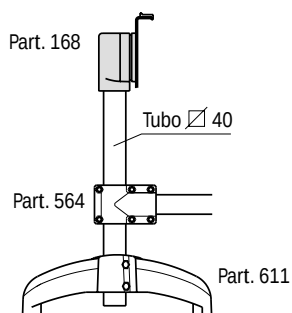
Assembly of Part. 199 (with square tubes)



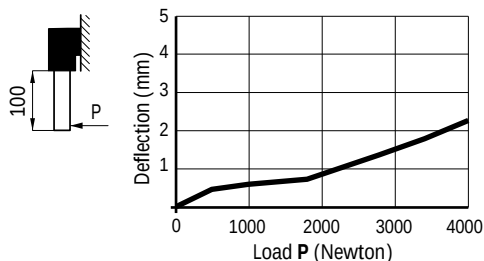
• **Assembly of Part. 168 (with round tubes)**



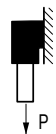
• **Assembly of Part. 168 (with square tubes)**



• **Deflection of Part. 168**



• **Sliding load**



With tubes Ø48,3 (P = 1900 N)
With tubes 40 (P = 3100 N)

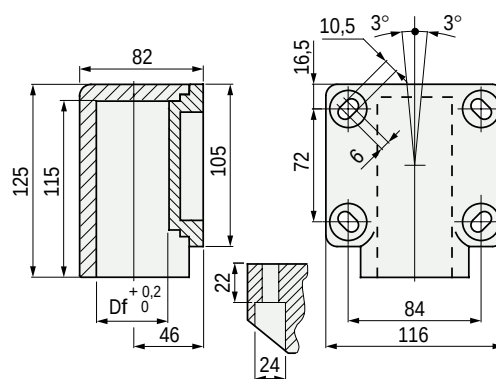
• **Breaking load**



P = 22300

Tests performed at tightening torque : 2 Kgm

■ **Side mounting top bracket**



For round and square tubes

Part.	Tube dimensions mm	Bore Df mm	Code
168	dia. 48,3 (1" 1/2)	dia. 48,3	50451
	40x40	40	611672

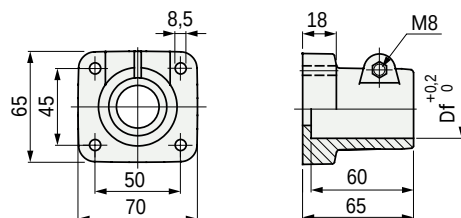
- Material : reinforced polyamide PA FV (black).
- Weight : 0,42 Kg.
- Max recommended tightening torque : 2,5 Kgm.
- Packaging : 8 pieces.

Part. 415



For round tubes

Bearing head



Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
415	33,7 (1")	33,7	AISI 304	69658

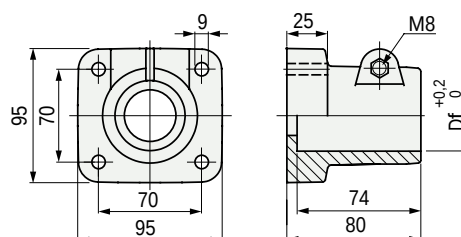
- Material : reinforced polyamide PA FV (black).
- Weight : 0,12 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 24 pieces.

Part. 198



For round and square tubes

Bearing head



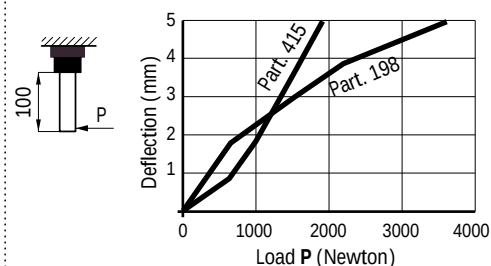
Part.	Tube dimensions mm	Bore Df mm	Bolts material	Code
	dia. 48,3 (1" 1/2)	dia. 48,3	AISI 304	59161
198	38x38	38	AISI 304	611602
			Zinc plated steel	611682
	40x40	40	AISI 304	611612
			Zinc plated steel	611692

- Material : reinforced polyamide PA FV (black).
- Weight : 0,30 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 24 pieces.

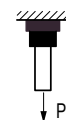
Assembly of Part. 415



Deflection of Part. 415 - 198



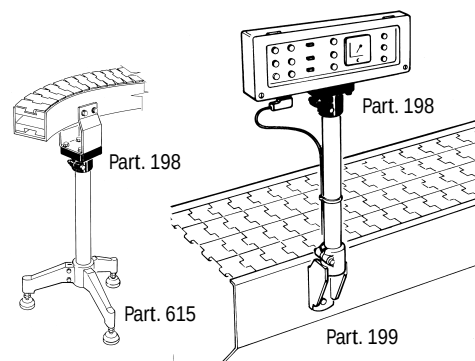
Sliding load resistance



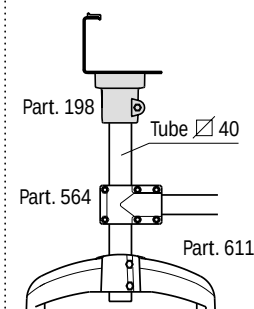
- Part. 415 (P = 1500 N)
- Part. 198 - Ø 48,3 (P = 1900 N)
- Part. 198 - 38 (P = 4400 N)
- Part. 198 - 40 (P = 2300 N)

Tests performed at tightening torque : 2 Kgm

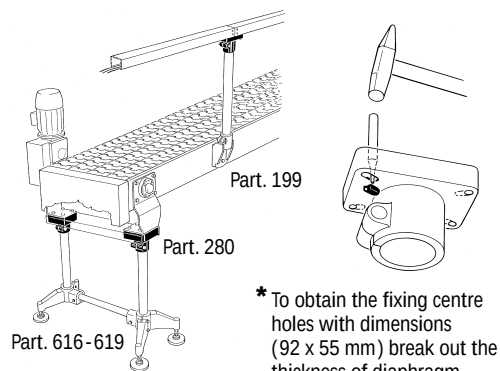
Assembly of Part. 198 (with round tubes)



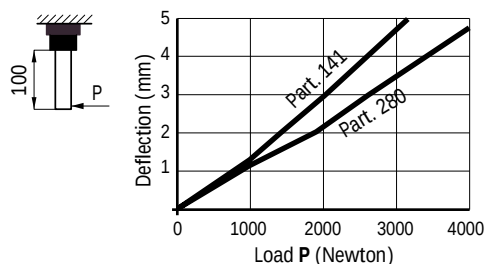
Assembly of Part. 198 (with square tubes)



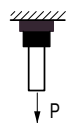
• **Assembly of Part. 280**



• **Deflection of Part. 280 - 141**



• **Sliding load resistance**

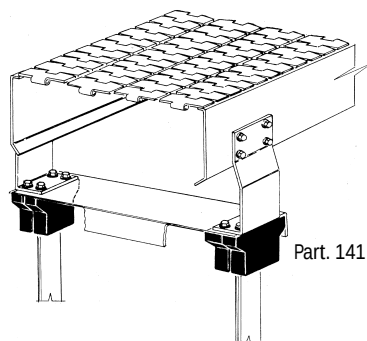


Part. 280 (P = 1900 N)
Part. 141 (P = 5800 N)

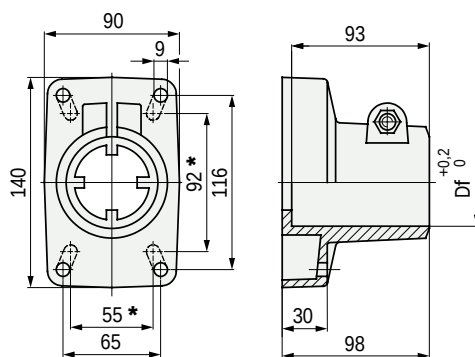
Tests performed at tightening torque :

- 3,5 Kgm (for Part. 280)
- 1 Kgm (for Part. 141)

• **Assembly of Part. 141**



■ **Bearing head**



Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
280	48,3 (1" 1/2)	48,3	AISI 304	63503
	60,3 (2")	60,3	AISI 304	66781

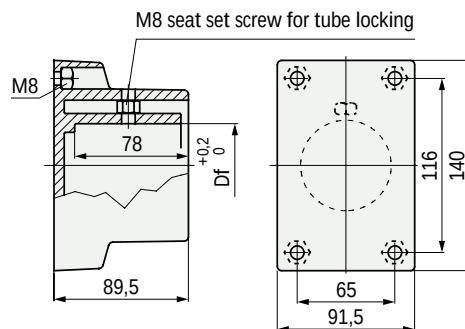
- Material : reinforced polyamide PA FV (black).
- Weight : 0,40 Kg.
- Max recommended tightening torque : 3,5 Kgm.
- Packaging : 8 pieces.

Part. 280



For round tubes

■ **Bearing head**



Part.	Tube dia. mm	Bore dia. Df mm	Code
141	60,3 (2")	60,3	65660

- Material : head in reinforced polyamide PA FV (black). Fixing nuts in zinc plated steel.
- State of supply : without tube tightening screws.
- Weight : 0,53 Kg.
- Max recommended tightening torque : 1 Kgm.
- Packaging : 8 pieces.

Part. 141



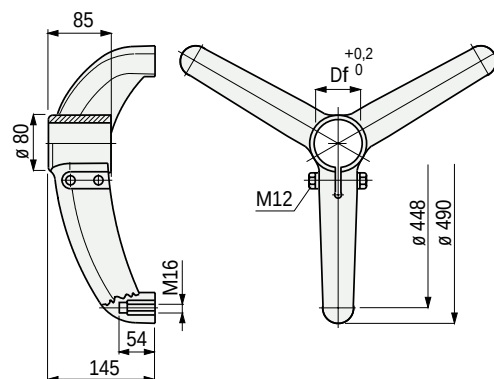
For round tubes

Part. 615



For round tubes

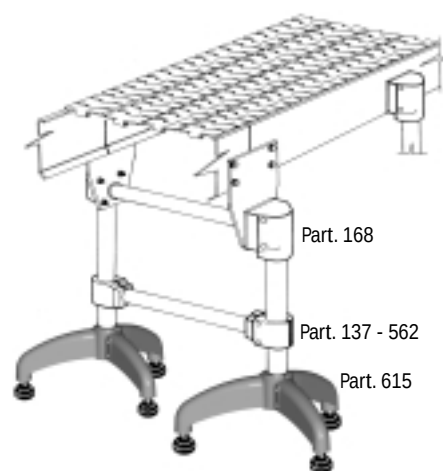
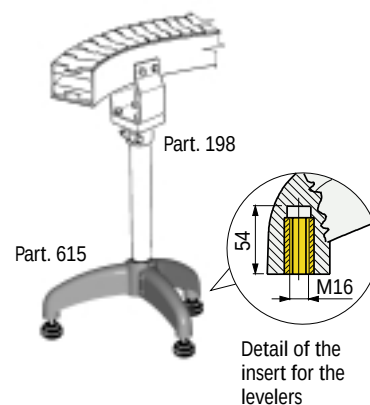
Support base (tripod)



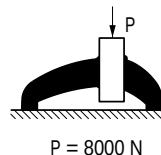
Part.	Tube dia. mm	Bore dia. Df mm	Code
• Bolts in stainless steel AISI 304			
615	38,1	38,1	624242
	42,4 (1" 1/4)	42,4	624252
	48,3 (1" 1/2)	48,3	624262
	50,8	50,8	624272
615	60,3 (2")	60,3	621522
• Bolts in zinc plated steel			
615	38,1	38,1	638742
	42,4 (1" 1/4)	42,4	638752
	48,3 (1" 1/2)	48,3	638762
	50,8	50,8	638772
615	60,3 (2")	60,3	638782

- Material : support base in reinforced polyamide PA FV (black), brass threaded bushings.
- Weight : 1,45 Kg.
- Max recommended tightening torque : 3,6 Kgm.
- Packaging : 8 pieces.

Assembly of Part. 615

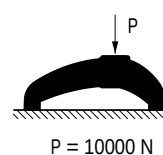


Sliding load resistance



$P = 8000 \text{ N}$

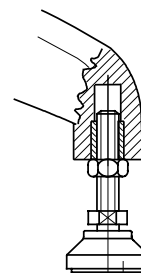
Max applicable load



$P = 10000 \text{ N}$

Tests performed at tightening torque : 3,6 Kgm

Types of levelers that can be used



Please refer to **ROBO®** catalogue for dimensions and characteristics

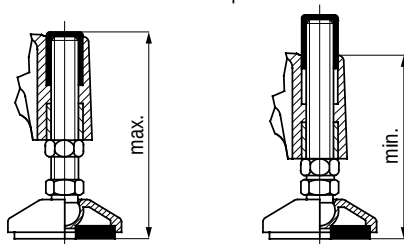
Part. 98-132-133-172-323

• **Assembly of Part. 418**

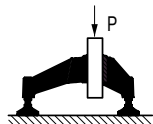


• **Protective cap**

prevents entry of dirt and protects thread.
During adjustment of the foot, the protective cap follows the movement of the spindle.

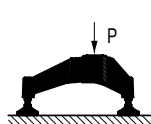


• **Sliding load resistance**



$P = 3600 \text{ N}$

• **Max applicable load**

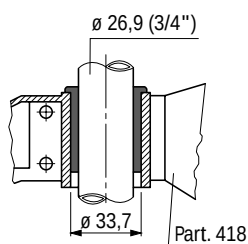


$P = 7000 \text{ N}$

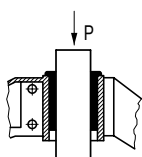
Tests performed at tightening torque : 2 Kgm

• **Assembly Part. 420**

When applied on Part. 418
this can be used with
dia. 26,9 mm tubes
(3/4" pipes).



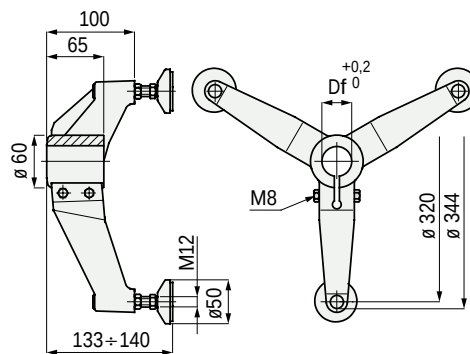
• **Sliding load resistance**



$P = 3200 \text{ N}$

Tests performed at tightening torque : 2 Kgm

■ **Support base (tripod)**



Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
418	33,7 (1")	33,7	AISI 304	614201

- Material : support base and foot plate in reinforced polyamide PA FV (black). Spindle in stainless steel AISI 303. Protective spindle cap in polyamide PA (black). Nickel plated brass threaded bushings. Anti-slip disc in black NBR rubber (70 shore).
- Weight : 0,81 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 8 pieces.

Part. 418

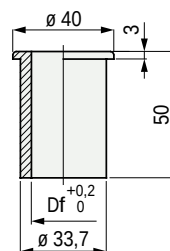


For round tubes

Accessories

Part. 420

■ **Reduction bushing**



Part.	Tube dia. mm	Bore dia. Df mm	Code	Weight Kg
420	26,9 (3/4")	26,9	63108*	0,02

- Material : polyamide PA (black).
- Packaging : 24 pieces.



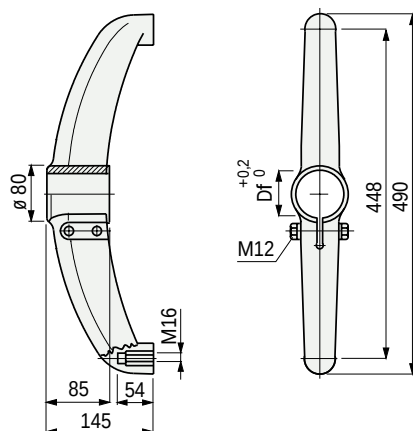
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 618



For round tubes

Support base (bipod)



Part.	Tube dia. mm	Bore dia. Df mm	Code
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• Bolts in stainless steel AISI 304

	38,1	38,1	624282
	42,4 (1" 1/4)	42,4	624292
618	48,3 (1" 1/2)	48,3	624302
	50,8	50,8	624312
	60,3 (2")	60,3	624322

• Bolts in zinc plated steel

	38,1	38,1	638792
	42,4 (1" 1/4)	42,4	638802
618	48,3 (1" 1/2)	48,3	638812
	50,8	50,8	638822
	60,3 (2")	60,3	638832

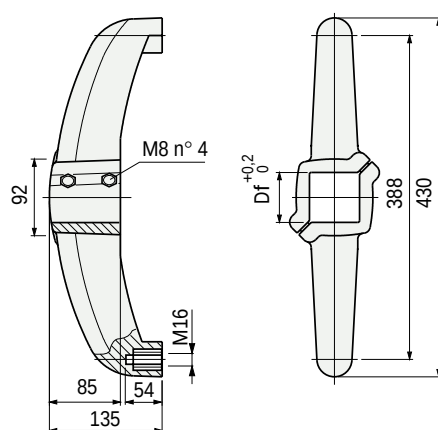
- Material : support base in reinforced polyamide PA FV (black), brass threaded bushings.
- Weight : 1,05 Kg.
- Max recommended tightening torque : 3,6 Kgm.
- Packaging : 12 pieces.

Part. 611



For square tubes

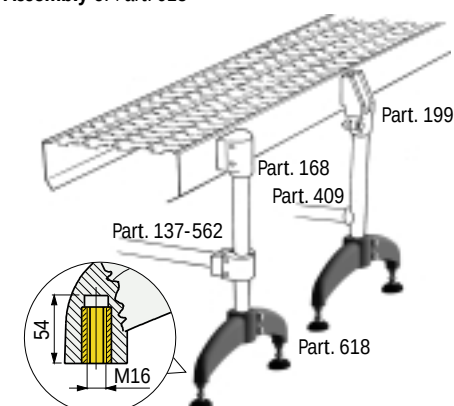
Support base (bipod)



Part.	Tube dimensions mm	Bore Df mm	Code	
			Closed version	Open version
	40 x 40	40	615542	616082
611	50 x 50	50	615552	616092
	60 x 60	60	615562	616102

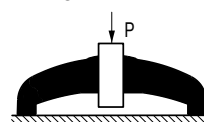
- Material : support base in reinforced polyamide PA FV (black), bolts in stainless steel AISI 304, tightening bushes in nickel plated brass, brass threaded bushings.
- Max recommended tightening torque : 2,5 Kgm.
- Weight : 0,9 Kg.
- Packaging : 10 pieces (20 half bases).

• Assembly of Part. 618



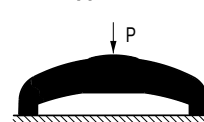
Detail of the insert for the levelers

• Sliding load resistance



Part. 618 (P = 8000 N)
Part. 611 (P = 8000 N)

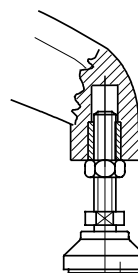
• Max applicable load



Part. 618 (P = 9600 N)
Part. 611 (P = 8000 N)

Tests performed at tightening torque : 3,6 Kgm (Part. 618),
2,5 Kgm (Part. 611)

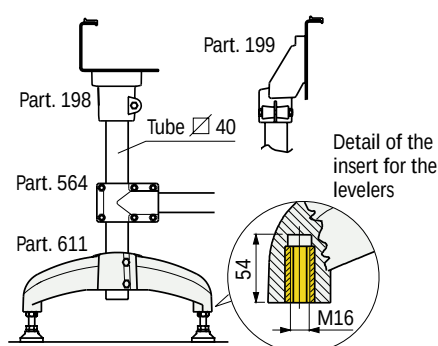
• Types of levelers that can be used



Please refer to
ROBO® catalogue
for dimensions and
characteristics

Part. 98-132-133-172-323

• Assembly of Part. 611



• Part. 611 available versions

Closed version
Easy to clean

Open version

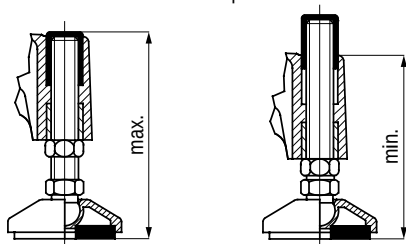


• **Assembly of Part. 419**

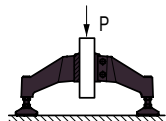


• **Protective cap**

prevents entry of dirt and protects thread.
During adjustment of the foot, the protective cap follows the movement of the spindle.

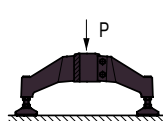


• **Sliding load resistance**



P = 3600 N

• **Max applicable load**

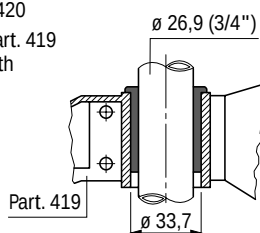


P = 7000 N

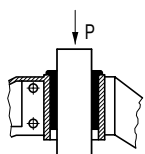
Tests performed at tightening torque : 2 Kgm

• **Assembly of Part. 420**

When applied on Part. 419
this can be used with
dia. 26,9 mm tubes
(3/4'') pipes).



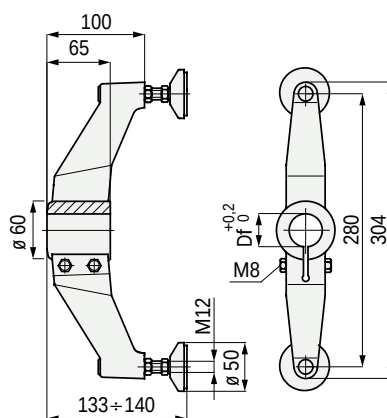
• **Sliding load resistance**



P = 3200 N

Tests performed at tightening torque : 2 Kgm

■ **Support base (bipod)**



Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
419	33,7 (1'')	33,7	Inox AISI 304	614211

- Material : support base and foot plate in reinforced polyamide PA FV (black). Spindle in stainless steel AISI 303. Protective spindle cap in polyamide PA (black). Nickel plated brass threaded bushings. Anti-slip disc in black NBR rubber (70 shore).

- Weight : 0,57 Kg.

- Max recommended tightening torque : 2 Kgm.

- Packaging : 12 pieces.

Part. 419

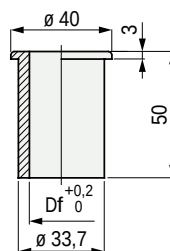


For round tubes

Accessories

Part. 420

■ **Reduction bushing**



Part.	Tube dia. mm	Bore dia. Df mm	Code	Weight Kg
420	26,9 (3/4'')	26,9	63108*	0,02

- Material : polyamide PA (black).

- Packaging : 24 pieces.

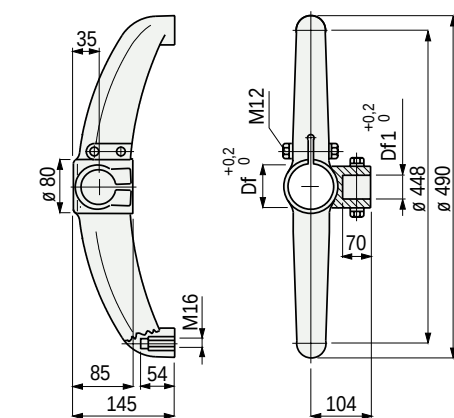


Part. 619



For round tubes

■ Support base (bipod)



Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
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• Bolts in stainless steel AISI 304

	42,4 (1" 1/4)	42,4 (1" 1/4)	42,4	42,4	624352
	48,3 (1" 1/2)	42,4 (1" 1/4)	48,3	42,4	624372
619	50,8	42,4 (1" 1/4)	50,8	42,4	624402
	60,3 (2")	42,4 (1" 1/4)	60,3	42,4	624432

• Bolts in zinc plated steel

	42,4 (1" 1/4)	42,4 (1" 1/4)	42,4	42,4	638842
	48,3 (1" 1/2)	42,4 (1" 1/4)	48,3	42,4	638852
619	50,8	42,4 (1" 1/4)	50,8	42,4	638862
	60,3 (2")	42,4 (1" 1/4)	60,3	42,4	638872

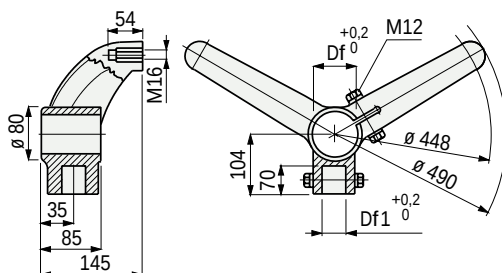
- Material : support base in reinforced polyamide PA FV (black), brass threaded bushings.
- Weight : 1,05 Kg.
- Max recommended tightening torque : 3,6 Kgm.
- Packaging : 12 pieces.

Part. 616



For round tubes

■ Support base (bipod)



Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
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• Bolts in stainless steel AISI 304

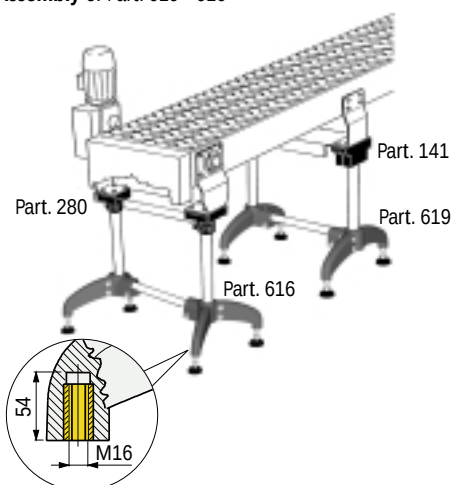
	42,4 (1" 1/4)	42,4 (1" 1/4)	42,4	42,4	624472
	48,3 (1" 1/2)	42,4 (1" 1/4)	48,3	42,4	624492
616	50,8	42,4 (1" 1/4)	50,8	42,4	624522
	60,3 (2")	42,4 (1" 1/4)	60,3	42,4	624552

• Bolts in zinc plated steel

	42,4 (1" 1/4)	42,4 (1" 1/4)	42,4	42,4	638882
	48,3 (1" 1/2)	42,4 (1" 1/4)	48,3	42,4	638892
616	50,8	42,4 (1" 1/4)	50,8	42,4	638902
	60,3 (2")	42,4 (1" 1/4)	60,3	42,4	638912

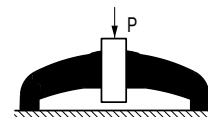
- Material : support base in reinforced polyamide PA FV (black), brass threaded bushings.
- Weight : 1,05 Kg.
- Max recommended tightening torque : 3,6 Kgm.
- Packaging : 12 pieces.

• Assembly of Part. 619 - 616



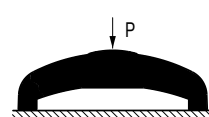
Detail of the insert for the levelers

• Sliding load resistance



Part. 619 (P = 8000 N)
 Part. 616 (P = 8000 N)

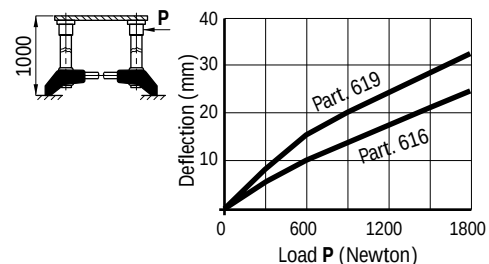
• Max applicable load



Part. 619 (P = 8000 N)
 Part. 616 (P = 8000 N)

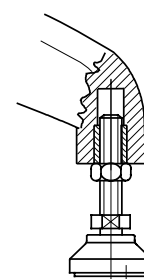
• Deflection

Part. 616 offers a better rigidity than Part. 619



Tests performed at tightening torque : 3,6 Kgm

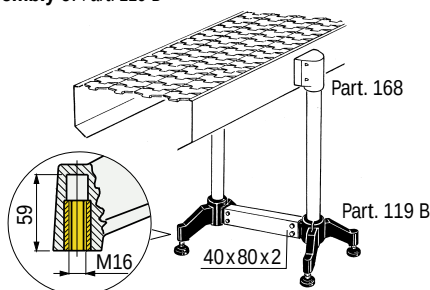
• Types of levelers that can be used



Part. 98-132-133-172-323

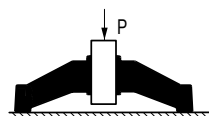
Please refer to
ROBO® catalogue
 for dimensions and
 characteristics

- **Assembly** of Part. 119 B

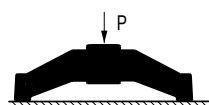


Detail of the insert for the levelers

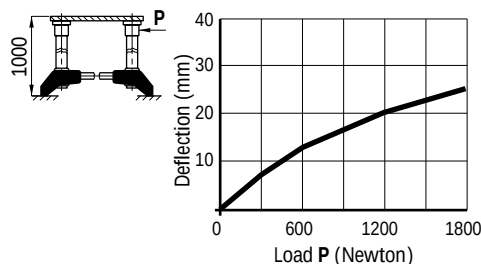
- **Sliding load resistance**
(bases with through bore)

 $P = 8000 \text{ N}$

- **Max applicable load**

 $P = 8000 \text{ N}$

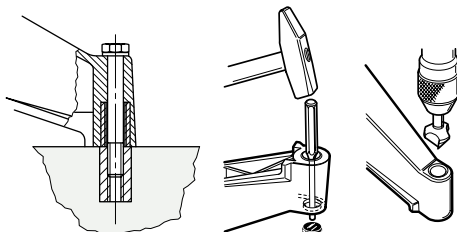
- **Deflection**



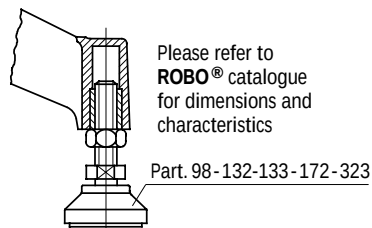
Tests performed at tightening torque : 3,6 Kgm

- **Fixing to floor**

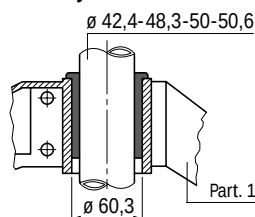
Breaking the diaphragm and deburring hole.



- **Types of levelers that can be used**

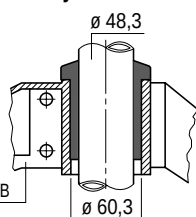


- **Assembly of Part. 124**



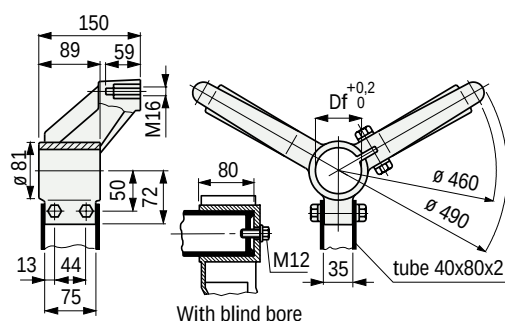
When applied on Part. 119 B
with bore $D_f = 60,3$ mm
this can be used with
dia. 42,4-48,3-50-50,6 mm
tubes.

- **Assembly** of Part. 146



When applied on Part. 119 B with bore $D_f = 60,3$ mm this can be used with dia. 48,3 mm tubes.

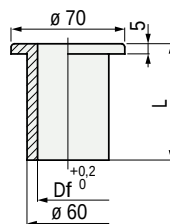
■ **Support base (bipod)**



Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
• With through bore				
119 B	42,4 (1 "1/4)	42,4	AISI 304 Zinc plated steel	54431 54441
	48,3 (1 "1/2)	48,3	AISI 304 Zinc plated steel	54411 54421
	60,3 (2")	60,3	AISI 304 Zinc plated steel	62000 61990
• With blind bore				
119 B	60,3 (2")	60,3	AISI 304 Zinc plated steel	62130 62120

- Material : support base in reinforced polyamide PA FV (black). Brass threaded bushings.
- Weight : 1,2 Kg.
- Max recommended tightening torque : 3,6 Kgm.
- Packaging : 12 pieces.

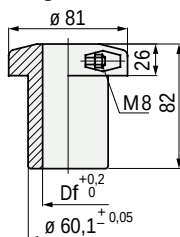
■ **Reduction bushing**



Part.	Tube dia. mm	Bore dia. Df mm	L mm	Code	Weight Kg
124	42,4 (1 " 1/4)	42,4	85	61980	0,10
	48,3 (1 " 1/2)	48,3	50	692711*	
			85	61970	
			50	50	
	50,6	50,6	85	61770	

- Material : polyamide PA (black).
- Packaging : 10 pieces.

- Reduction bushing



Part.	Tube dimensions mm	Bore dia. Df mm	Code	Weight Kg
146	Ø 48,3 (1"1/2)	48,3	67100*	0,36

- Material : bushing in aluminium, bolt in stainless steel AISI 304, nut in nickel plated brass.
- Neck painted black.
- Max recommended tightening torque : 2,3 Kgm.
- Sliding load resistance : 8800 N.
- Packaging : 4 pieces.

Part. 119 B



For round tubes

Accessories

Part. 124



Part. 146



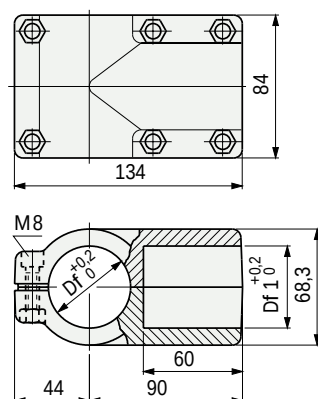
In aluminium

* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 562



For round tubes



Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
	33,7 (1")	33,7 (1")	33,7	33,7	697831
	38,1	33,7 (1")	38,1	33,7	605852
	38,1	38,1	38,1	38,1	697841
562	42,4 (1" 1/4)	33,7 (1")	42,4	33,7	607092
		33,7 (1")	48,3	33,7	605862
	48,3 (1" 1/2)	38,1	48,3	38,1	697851
		42,4 (1" 1/4)	48,3	42,4	607102
	48,3 (1" 1/2)	48,3 (1" 1/2)	48,3	48,3	697861

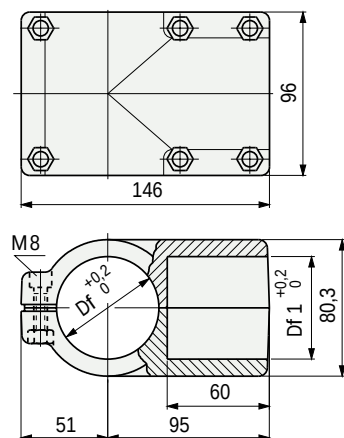
- Material : joint in reinforced polyamide PA FV (black). Tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Weight : 0,4 Kg.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 8 pieces.

■ Connecting joint

Part. 563



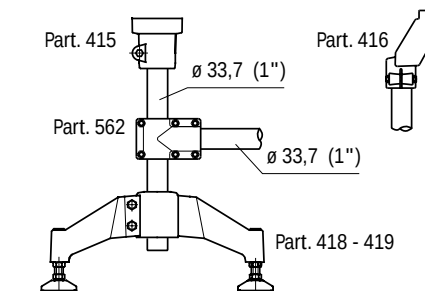
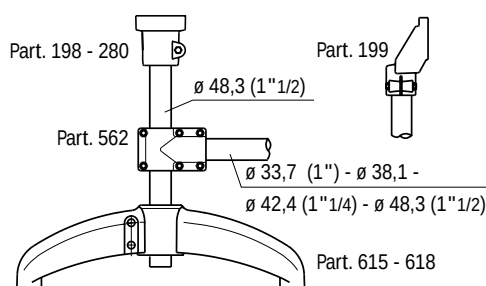
For round tubes



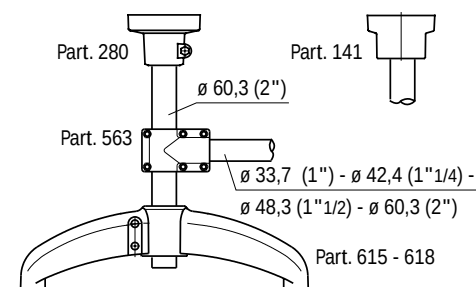
Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
		33,7 (1")	50,8	33,7	697871
	50,8	42,4 (1" 1/4)	50,8	42,4	605892
		48,3 (1" 1/2)	50,8	48,3	605872
563	60,3 (2")	33,7 (1")	60,3	33,7	605882
		42,4 (1" 1/4)	60,3	42,4	605562
	60,3 (2")	48,3 (1" 1/2)	60,3	48,3	697881
		60,3 (2")	60,3	60,3	697891

- Material : joint in reinforced polyamide PA FV (black). Tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Weight : 0,5 Kg.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 8 pieces.

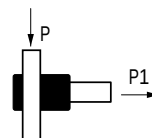
• Assembly of Part. 562

Example of assembly with vertical tubes $\varnothing$ 33,7 mmExample of assembly with vertical tubes $\varnothing$ 48,3 mm

• Assembly of Part. 563

Example of assembly with vertical tubes $\varnothing$ 60,3 mm

• Sliding load resistance

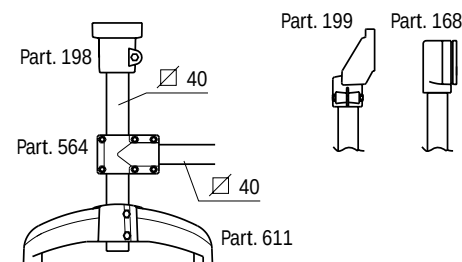


Part. 562 (P = 2000 N) - (P1 = 3500 N)
 Part. 563 (P = 1500 N) - (P1 = 3000 N)

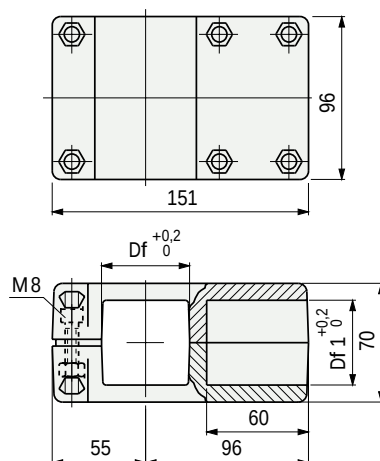
Tests performed at tightening torque : 1,5 Kgm

• **Assembly of Part. 564**

Example of assembly with vertical tubes $\nabla 40$ mm



■ **Connecting joint**



Part.	Tube dimensions mm	Bore Df mm	Bore Df1 mm	Code
	$\nabla 38 \times 38$	$\nabla 38$	$\nabla 38$	698531
564	$\nabla 40 \times 40$	$\nabla 40$	$\nabla 40$	698541
	$\nabla 45 \times 45$	$\nabla 45$	$\nabla 45$	607112
	$\nabla 50 \times 50$	$\nabla 50$	$\nabla 50$	698551

- Material : joint in reinforced polyamide PA FV (black).
Tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Weight : 0,5 Kg.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 8 pieces.

Part. 564

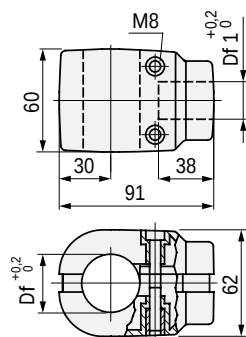


For square tubes

Part. 417



For round tubes



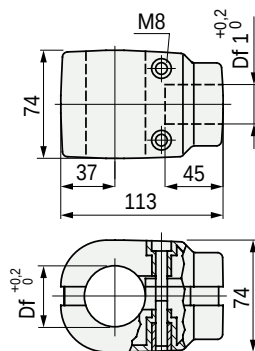
Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df 1 mm	Code
417	33,7 (1")	26,9 (3/4")	33,7	26,9	69368

- Material : joint in reinforced polyamide PA FV (black).
- Tightening bolts in stainless steel AISI 304.
- Weight : 0,21 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 24 pieces.

Part. 454



For round tubes



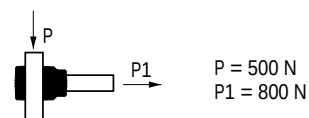
Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df 1 mm	Code
454	42,4 (1" 1/4)	33,7 (1")	42,4	33,7	69378

- Material : joint in reinforced polyamide PA FV (black).
- Tightening bolts in stainless steel AISI 304.
- Weight : 0,36 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 12 pieces.

• Assembly of Part. 417



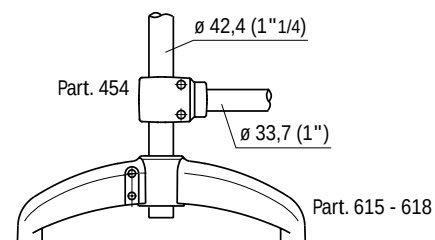
• Sliding load resistance



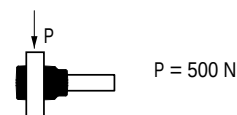
Tests performed at tightening torque : 2 Kgm

• Assembly of Part. 454

Example of assembly with vertical tubes $\varnothing 42,4 \text{ mm}$



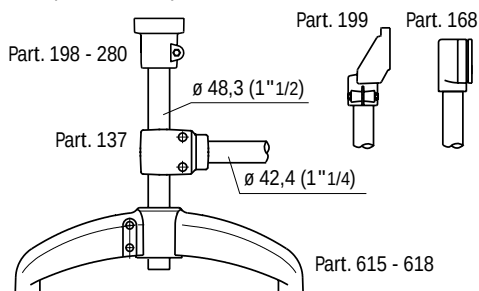
• Sliding load resistance



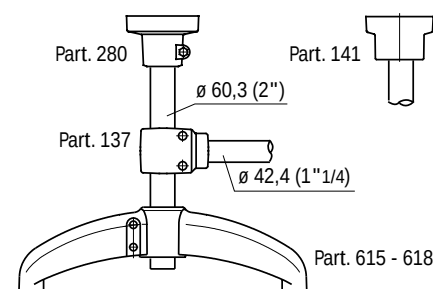
Tests performed at tightening torque : 2 Kgm

• **Assembly of Part. 137**

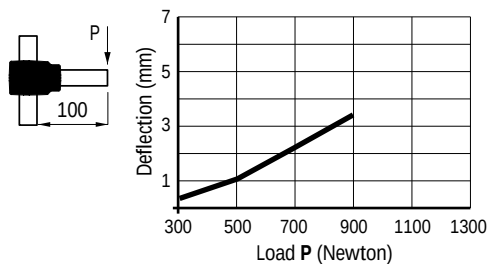
Example of assembly with vertical tubes $\varnothing 48,3$ mm



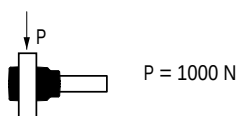
Example of assembly with vertical tubes $\varnothing 60,3$ mm



• **Deflection**

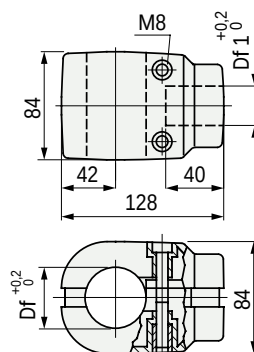


• **Sliding load resistance**



Tests performed at tightening torque : 1 Kgm

■ **Connecting joint**



For round tubes

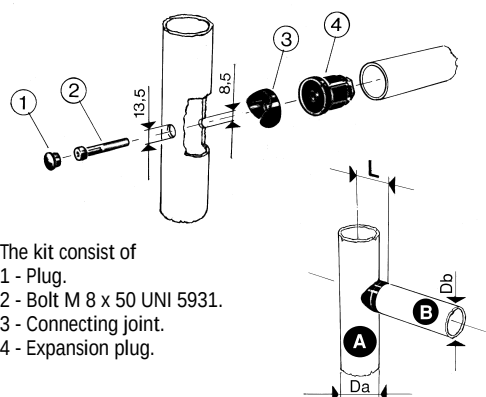
Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df 1 mm	Code
137	48,3 (1"1/2)	42,4 (1"1/4)	48,3	42,4	66813
	60,3 (2")	42,4 (1"1/4)	60,3	42,4	65020

- Material : joint in reinforced polyamide PA FV (black).
Tightening screws in stainless steel AISI 304, cadmium plated
brass threaded bushings.
- Weight : 0,44 Kg.
- Max recommended tightening torque : 1 Kgm.
- Packaging : 8 pieces.

Part. 409



Connecting joint



The kit consist of
1 - Plug.
2 - Bolt M 8 x 50 UNI 5931.
3 - Connecting joint.
4 - Expansion plug.

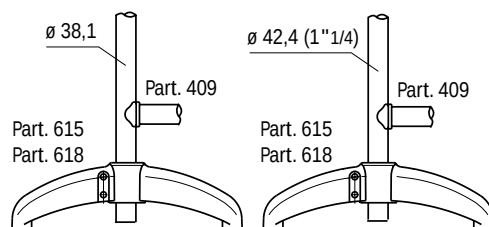
Part.	Tube A dia.* Da mm	Tube B dia. Db mm	Tube B Thickness mm	Code	L mm
38	38	1,5		63277*	31
42,4 (1"1/4)	38	1,5		63287*	33,2
409	42,4 (1"1/4)	1,5		63337	
48,3 (1"1/2)	38	1,5		63297	36,2
	42,4 (1"1/4)	1,5		63347	
60,3 (2")	42,4 (1"1/4)	1,5		63357	42,2

* = Various dimensions

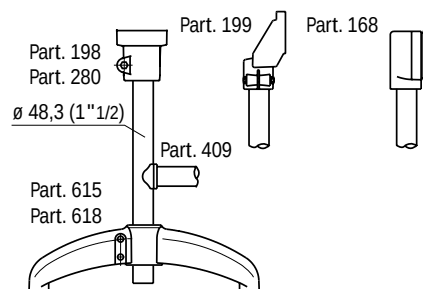
- Material : Plug in PVC (black). Bolt in stainless steel AISI 304.
Connecting joint in reinforced polyamide PA FV (black).
Expansion plug : body in reinforced polyamide PA FV (black),
cone in brass.
- Weight : 0,29 Kg.
- Max recommended tightening torque : 2,5 Kgm.
- Packaging : 50 Kit.

Assembly of Part. 409

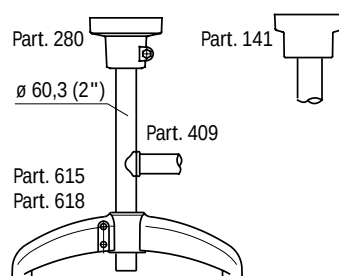
Example of assembly with vertical tubes $\varnothing$ 38,1 and 42,4 mm



Example of assembly with vertical tubes $\varnothing$ 48,3 mm



Example of assembly with vertical tubes $\varnothing$ 60,3 mm

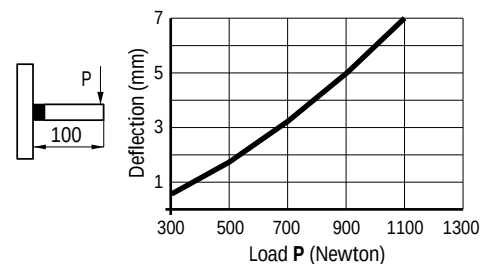


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Characteristics

High sanitation. Allows connection joints at any angle.

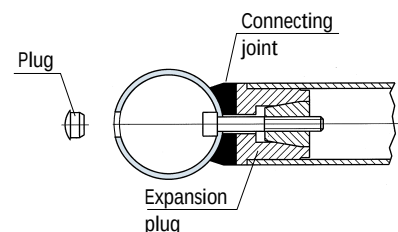
Deflection



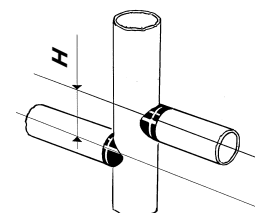
Tests performed at tightening torque : 2,5 Kgm

Assembly

When the screw is tightened the plug expands and locks axially with the tube.



Offset tube joints



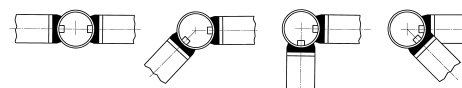
Minimum offset value

H min = 47 (for code : 63357 - 63347 - 63337)

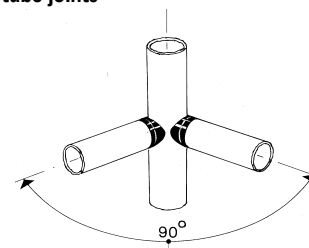
H min = 43 (for code : 63297 - 63287 - 63277)

Connections can be made at any angle.

Offsetting the connections allow entry of the bolt and wrench.

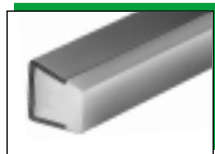


Coaxial tube joints

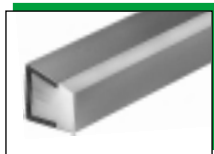


With more than one $\varnothing$ 60,3 x 42,4 tube (code 63357) at the same point, only 90° joints can be made.

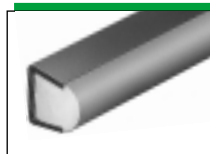
PRODUCT GUIDES



Part. 317 - Page 58
Half-round guide rail. Delicate containers (PET empty).



Part. 223 - Page 58
Flat guide rail. Middle delicate containers (PET full).



Part. 219 - Page 59
Round guide rail. Middle strong containers (glass).



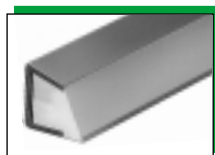
Part. 247 - Page 59
Round guide rail. Middle strong containers (glass).



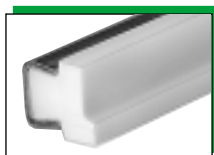
Part. 346 - Page 60
Half-round guide rail. Low side load (brick).



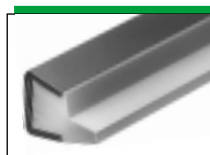
Part. 369 - Page 60
Connecting bar for Part. 346.



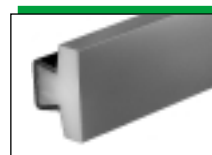
Part. 393 - Page 61
Label protection.



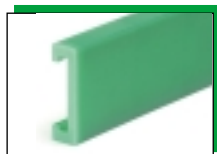
Part. 596 - Page 61
Label protection. Unstable containers.



Part. 308 - Page 62
Overhead transport of PET bottles.



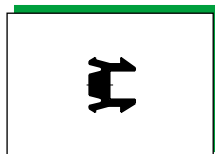
Part. 273 - Page 63
Extra flat guide rail. Rugged containers.



Part. 539 - Page 63
Extra flat guide rail. Assembly with 40x8 mm plate.



Part. 422 - Page 64
Extra flat guide rail. Rugged containers.



Part. 370 - Page 64
Sealing profile for Part. 422. Improves guide cleanliness.



Part. 605 - Page 65
Extra flat centre guide. Glass containers without side load.



Part. 606 - Page 65
Divider module for Part. 605.



Part. 605 - Page 66
Extra flat centre guide. Glass containers without side load.



Part. 606 - Page 66
Divider module for Part. 605.



Part. 598 - Page 67
Extra flat centre guide. Similar to Part. 605. Added stiffener.



Part. 620 - Page 67-73-77
Reinforcing profile for Part. 598-597-607.



Part. 610 - Page 67
Divider module for Part. 598.



Part. 191-296 - Page 68
Extra large guide rail. Assembly with 60x6 mm plate.



Part. 376-377 - Page 68
End plug for Part. 191-296.



Part. 378-379 - Page 69
Joint clamp for Part. 191-296.



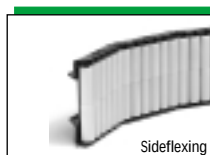
Part. 581 - Page 70
Roller side guide. Thin-walled containers.



Part. 585 - Page 70
Roller centre guide. Thin-walled containers.



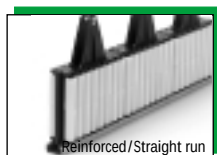
Part. 586 - Page 71
Divider module for Part. 585.



Part. 581 - Page 72
Roller side guide. Thin-walled containers.



Part. 585 - Page 72
Roller centre guide. Thin-walled containers.



Part. 597 - Page 73
Roller centre guide. Similar to Part. 585. Added stiffener.



Part. 586-609 - Page 73
Divider module for Part. 585-597.



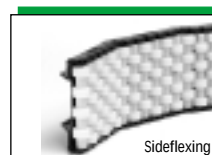
Part. 580 - Page 74
Roller side guide. Medium strength containers.



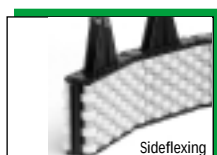
Part. 557 - Page 74
Roller centre guide. Medium strength containers.



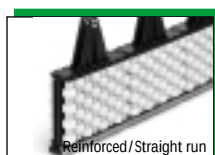
Part. 570 - Page 75
Divider module for Part. 557.



Part. 580 - Page 76
Roller side guide. Medium strength containers.



Part. 557 - Page 76
Roller centre guide. Medium strength containers.



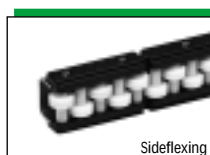
Part. 607 - Page 77
Roller centre guide. Similar to Part. 557. Added stiffener.



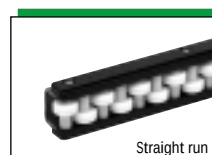
Part. 570-608 - Page 77
Divider module for Part. 557-607.



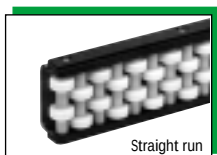
Part. 628 S - Page 78
Roller side guide. Rugged containers. Assembly with 40x8.



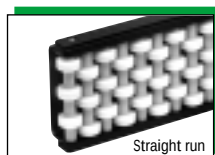
Part. 128 S - Page 79
Roller side guide. Rugged containers.



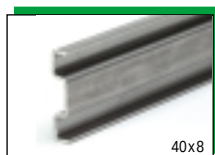
Part. 128 - Page 79
Roller side guide. Rugged containers.



Part. 128 - Page 80
Roller side guide. Rugged containers.



Part. 128 - Page 80
Roller side guide. Rugged containers.



Part. 537 - Page 81
For Part. 539-605-598-580-557-607-581-585-597-628S.



Part. 535 - Page 81
Bolts set for Part. 539-580-581-628S.

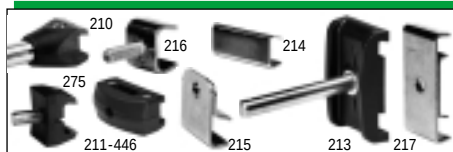


Part. 218 - Page 82
Guide rail bending machine (manual).



Part. 233 - Page 82
Rollers for bending.

GUIDE RAIL CLAMPS



Part. 210-216-214-275-211-446-215-213-217
Page 84÷87

Guide rail clamps for Part. 223-317-219-273-393-596-308.



Part. 237-236-116-111 - Page 88÷89

Guide rail clamps for Part. 247.



Part. 82-159-437-451-71-70-50-478 - Page 90÷92

Guide rail clamps for round rod dia. 8 to 16 mm.



Part. 373 - Page 93

Guide rail clamps for Part. 128-128S.



Part. 190-184 - Page 94

Guide rail clamps for Part. 191.



Part. 298 - Page 95

Guide rail clamps for Part. 296.



Part. 107 - Page 99

Bracket with eyebolt.

GUIDE RAIL BRACKETS



Part. 81-72 - Page 96

Bracket.



Part. 88-89 - Page 97

Bracket with ratched handle clamping.



Part. 85-10-97 - Page 98

Bracket with eccentric lever.



Part. 107 - Page 99

Bracket with eyebolt.



Part. 599 - Page 99

Bracket with eyebolt.



Part. 617 - Page 100

Bracket with eyebolt.



Part. 140 - Page 100

Bracket with eyebolt.



Part. 193 - Page 101

Adjustable bracket.



Part. 163 - Page 102

Adjustable bracket.



Part. 257 - Page 102

Adjustable bracket.



Part. 178 - Page 103

Adjustable bracket. Swivel head in stainless steel and brass.



Part. 540 - Page 104

Adjustable bracket.



Part. 542 - Page 105

Adjustable bracket.



Part. 541 - Page 105

Adjustable bracket.



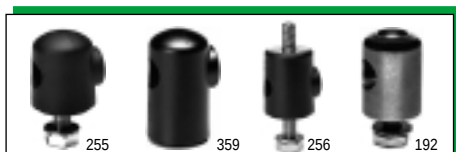
Part. 544 - Page 106

Adjustable bracket.



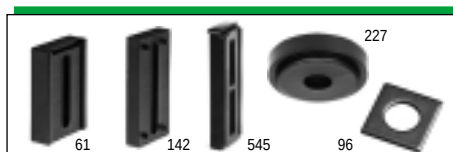
Part. 543 - Page 107

Adjustable bracket. Swivel head in stainless steel and brass.

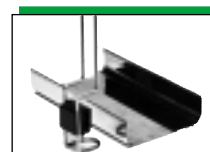


Part. 255-359-256-192 - Page 108÷109

Swivel heads applicable to brackets Part. 193÷540



Part. 61-142-545 - Page 110÷111 Spacers.
Part. 227 - Page 109 Spacer for adjustable brackets.
Part. 96 - Page 111 Square washer for Part.72-81-88-89.



Part. 226-336 - Page 112

Drip tray support.



Part. 338 - Page 113

Mounting plate for Part. 226-336.

CONNECTING CLAMPS



Part. 340-174 - Page 114

Cross clamp. Round holes.



Part. 174 Q - Page 115

Cross clamp. Round and square holes.



Part. 339-595 - Page 116

T clamp.



Part. 587 - Page 117

Clamp for round tube.



Part. 587 - Page 117

Clamp for square tube.



Part. 342 - Page 118

Assembly kit for photocells or sensor.



Part. 341 - Page 118

Clamp for photocells or sensor.



Part. 341 C - Page 119

Clamp for reflectors.



Part. 372 - Page 120

Universal clamp for photocells or reflectors.



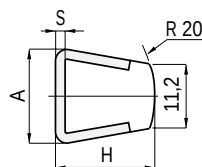
Part. 518 - Page 121

Control contact lever.

Part. 317



■ Guide rail (half round)



S	H	A
mm	mm	mm
1,5	17,5	16,5
2	18	17

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
317	1,5	AISI 304	3	69072	0,54
			6	69302	
	2	AISI 304	3	67063*	
			6	67103	

- Plastic profile material : polyethylene UHMWPE (white). Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 145 mm.
- Linear expansion coefficient : 4×10^{-5} . Calculation of thermal expansion see page 141.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).

- Accessories :



Guide rail
clamps
see page 84.

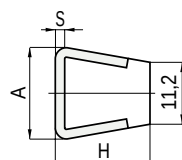


Guide rail bending
machine (manual)
see page 82.

Part. 223



■ Guide rail (flat)



S	H	A
mm	mm	mm
1,5	17,5	16,5
2	18	17

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
223	1,5	AISI 304	3	61031	0,54
			6	69402	
		Zinc plated steel	3	63971	
	2	AISI 304	3	61743*	
			6	67123	

- Plastic profile material : polyethylene UHMWPE (white). Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 145 mm.
- Linear expansion coefficient : 4×10^{-5} . Calculation of thermal expansion see page 141.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).

- Accessories :



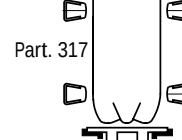
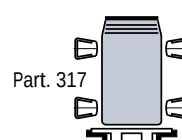
Guide rail
clamps
see page 84.



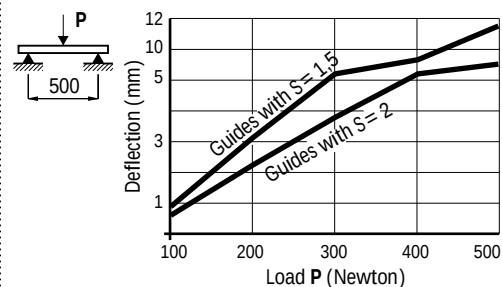
Guide rail bending
machine (manual)
see page 82.

• Use of Part. 317

Delicate containers
(ex: empty cans, empty PET).

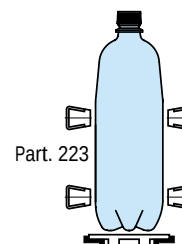


• Deflection of Part. 317 - 223

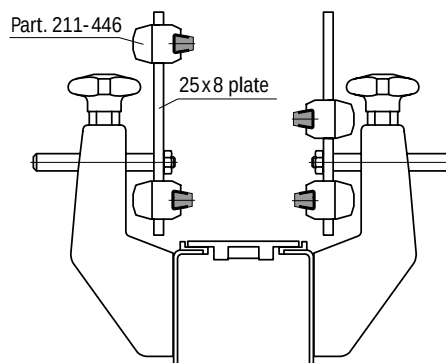


• Use of Part. 223

Middle delicate
containers
(ex: full PET).

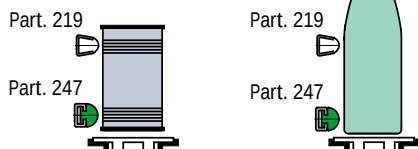


• Assembly of Part. 317-223



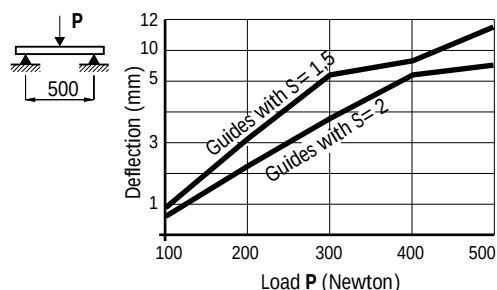
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

- Use of Part. 219-247
Medium strength containers
(ex: latten, glass).

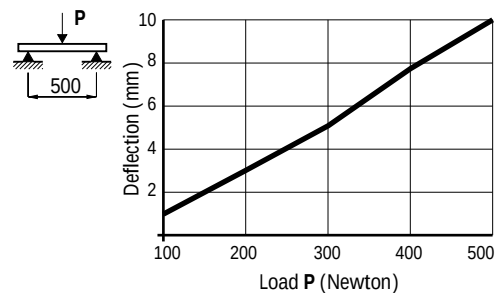


Plastic profile of Part. 247 can be disassembled.

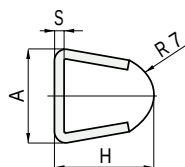
- Deflection of Part. 219



- Deflection of Part. 247



Guide rail (round)



S mm	H mm	A mm
1,5	17,5	16,5
2	18	17

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
			3	60161	
	1,5	AISI 304	6	69292	
219		Zinc plated steel	3	63961	0,54
	2	AISI 304	3	61753	
			6	67113	

- Plastic profile material : polyethylene UHMWPE (white).
Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.

- Min. curvature radius : 145 mm.

- Linear expansion coefficient : 4×10^{-5} .

- Calculation of thermal expansion see page 141.

- Packaging : 24 metres (in 3 m length).

- 48 metres (in 6 m length).

- Accessories :



Guide rail
clamps
see page 84.

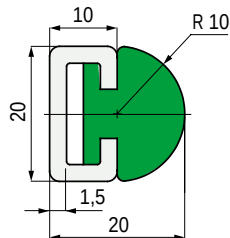


Guide rail bending
machine (manual)
see page 82.

Part. 219



Guide rail (round)



Part.	Length metres	Metal profile material	Code	Weight kg/m
			63911	
247	3	AISI 304		0,67
		Zinc plated steel	63921	

- Plastic profile material : polyethylene PE 500.000 (green).

- Min. curvature radius : 145 mm.

- Linear expansion coefficient : 2×10^{-4} .

- Calculation of thermal expansion see page 141.

- Packaging : 24 metres.

- Accessories :



Guide rail
clamps
see page 88.



Guide rail bending
machine (manual)
see page 82.

Part. 247

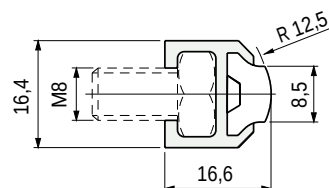


Part. 346



In aluminium

Guide rail (half round)



Part.	Length metres	Code	Weight kg/m
346	3	60204	0,24
	6	60214	

- Material : plastic profile in polyethylene UHMWPE (white). Metal profile in anodized aluminium.
- Min. curvature radius : 110 mm.
- Linear expansion coefficient : 2×10^{-4} . Calculation of thermal expansion see page 141.
- Packaging : 48 metres (in 3 m length). 96 metres (in 6 m length).

- Accessories :



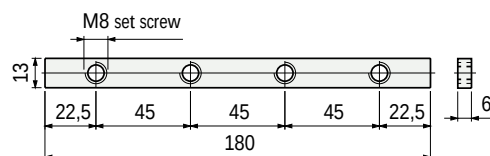
Guide rail bending machine (manual) see page 82.

Accessories

Part. 369



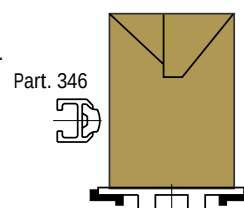
Connecting bar



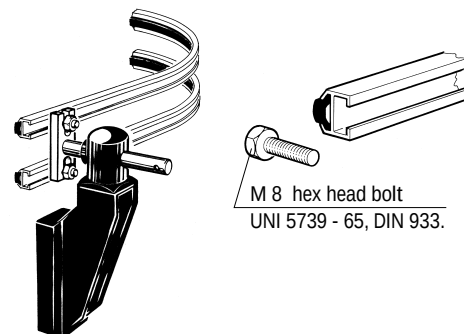
Part.	Code
369	69995

- Material : zinc plated steel.
- Weight : 0,1 Kg.
- Packaging : 8 pieces.

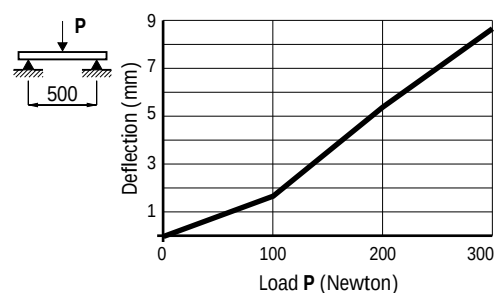
- **Use of Part. 346**
Conveyors with limited lateral loads (ex brick).



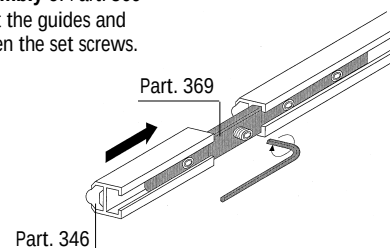
- **Assembly of Part. 346**



- **Deflection of Part. 346**

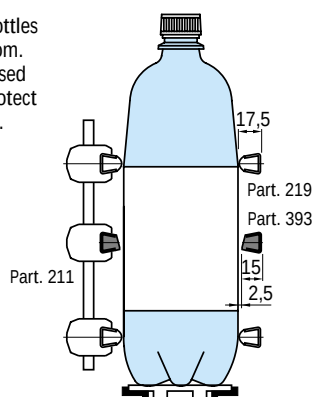


- **Assembly of Part. 369**
Insert the guides and tighten the set screws.

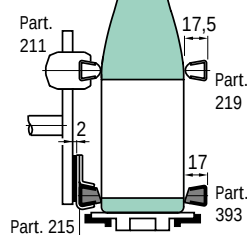


• Use of Part. 393

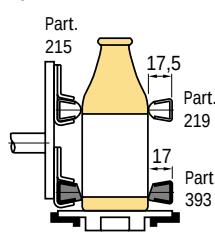
Transport of PET bottles with petaloid bottom. The guide can be used to stabilize, and protect label from damage.



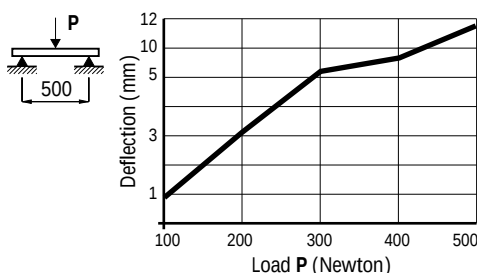
Transport of glass bottles.



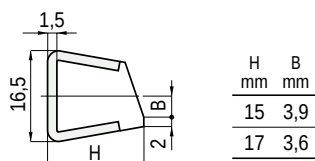
Transport of fruit juices bottles.



• Deflection of Part. 393 - 596



■ Label protection guide



Part.	Metal profile material	Length metres	H mm	Code	Weight kg/m
393	AISI 304	3	15	62522	0,50
			17	62512	

- Plastic profile material : polyethylene UHMWPE (white). Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 145 mm.
- Linear expansion coefficient : 4×10^{-5} .
- Calculation of thermal expansion see page 141.
- Packaging : 24 metres.
- Accessories :



Guide rail clamps
see page 84.

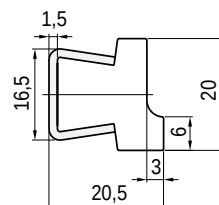


Guide rail bending machine (manual)
see page 82.

Part. 393



■ Label protection guide



Part.	Metal profile material	Length metres	Code	Weight kg/m
596	AISI 304	6	611092*	0,65

- Use : unstable containers. Beer bottles (0,33 l), water bottles (1/2 l).
- Plastic profile material : polyethylene UHMWPE (white).
- Min. curvature radius : 160 mm.
- Linear expansion coefficient : 4×10^{-5} .
- Calculation of thermal expansion see page 141.
- Packaging : 48 metres.
- Accessories :



Guide rail clamps
see page 84.



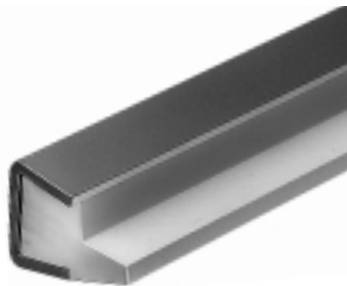
Guide rail bending machine (manual)
see page 82.

Part. 596

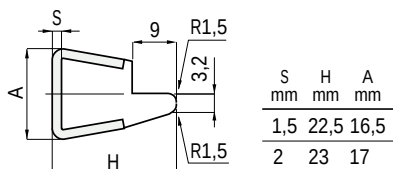


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 308



Neck transport guide



Part.	Metal profile material	Thickness S mm	Length metres	Code	Weight kg/m
308	AISI 304	1,5	3	65602	0,65
		1,5	6	68192	
		2	3	67713	

- Plastic profile material : polyethylene UHMWPE (white). Antistatic polyethylene UHMWPE (black) or antiabrasive (green) available upon request with minimum quantities.
- Min. curvature radius : 160 mm.
- Linear expansion coefficient : 4×10^{-5} . Calculation of thermal expansion see page 141.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).

- Accessories :

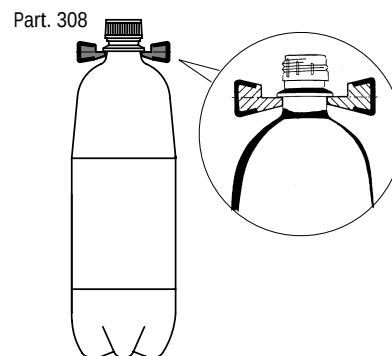


Guide rail clamps
see page 84.

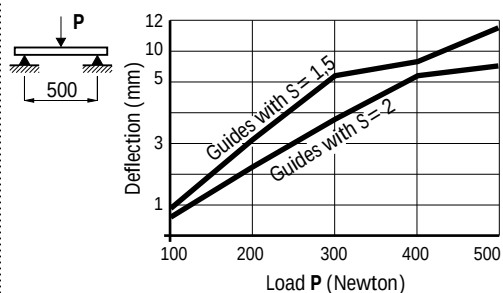


Guide rail bending machine (manual)
see page 82.

- Use of Part. 308
Overhead transport of PET bottles.

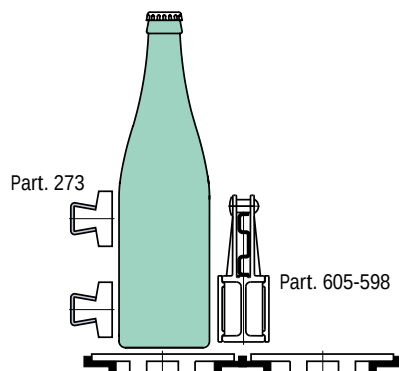


- Deflection of Part. 308

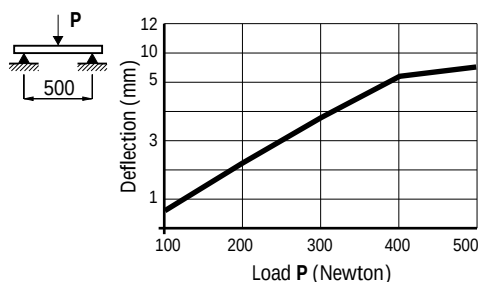


• Use of Part. 273

Rugged containers with delicate surface (for example decorated glass bottles). Can be used in combination with Part. 605-598.



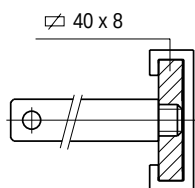
• Deflection of Part. 273



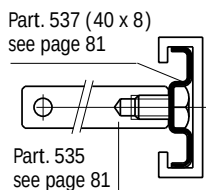
• Fixing of Part. 539

Assembly / disassembly with plates.

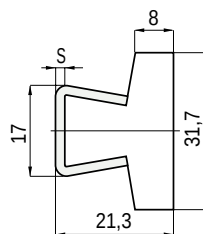
- Fixing with plate.



- Fixing with metal profile Part. 537.



■ Guide rail (extra flat)



Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
273	2	AISI 304	3	66791	0,76
			6	67602	

- Plastic profile material: polyethylene UHMWPE (white).

- Min. curvature radius : 160 mm.

- Linear expansion coefficient : 4×10^{-5} .

Calculation of thermal expansion see page 141.

- Packaging : 24 metres (in 3 m length).

36 metres (in 6 m length).

- Accessories :



Guide rail clamps
see page 84.

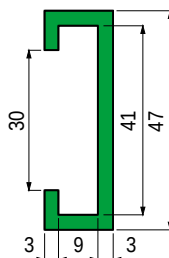


Guide rail bending machine (manual)
see page 82.

Part. 273



■ Guide rail (extra flat)



Part.	Colour	Length metres	Code	Weight kg/m
539	Black	3	689301	0,23
		6	689321	
	Green	3	689291	
		6	689311	

- Material : polyethylene PE 500.000.

- Linear expansion coefficient : $2,5 \times 10^{-4}$.

Calculation of thermal expansion see page 141.

- Packaging : 48 metres (in 3 m length).

96 metres (in 6 m length).

- Accessories :



Part. 537 - Metal profile 40x8
see page 81.

Part. 539

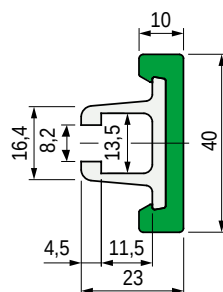


Part. 422



In aluminium

■ Guide rail (extra flat)



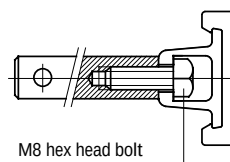
Part.	Colour	Length metres	Code	Weight kg/m
422	Green	3	65248 M	0,7
		6	65258 M	

- Use : rugged containers.
- Material : plastic profile in polyethylene UHMWPE (green). Metal profile in anodized aluminium.
- State of supply : the plastic and metal profiles are supplied assembled.
- Min. curvature radius : 280 mm.
- Linear expansion coefficient : 2×10^{-4} .
- Calculation of thermal expansion see page 141.
- Packaging : 48 metres.
- Accessories :

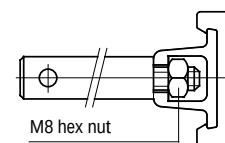


Guide rail bending machine (manual) see page 82.

• Fixing of Part. 422

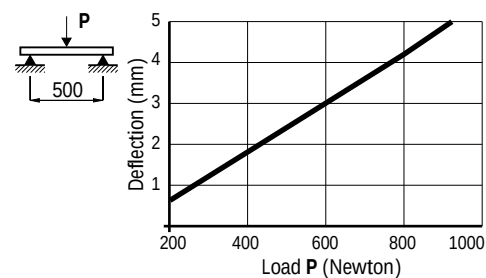


M8 hex head bolt



M8 hex nut

• Deflection of Part. 422

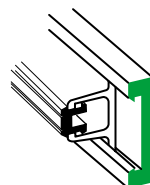


Accessories

Part. 370



■ Sealing profile



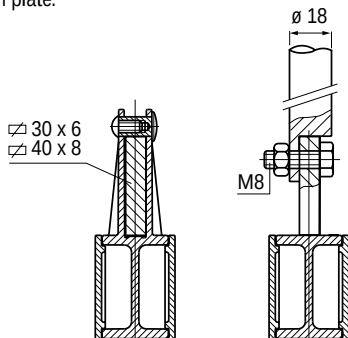
Part.	Code
370	61036*

- Use : improves guide cleanliness.
- Material : rubber EPDM 80 (black).
- State of supply : coils.
- Packaging : 20 metres.

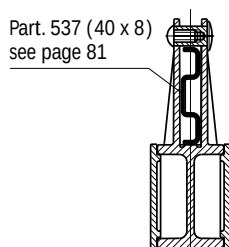
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• **Fixing of Part. 605**
Assembly / disassembly

- Fixing with plate.

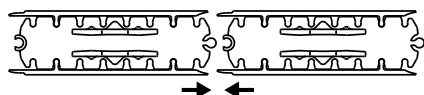


- Fixing with metal profile Part. 537.



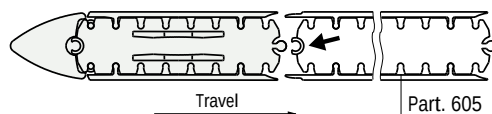
• **Modular system**

The guide consists of modules with snap-on assembly.

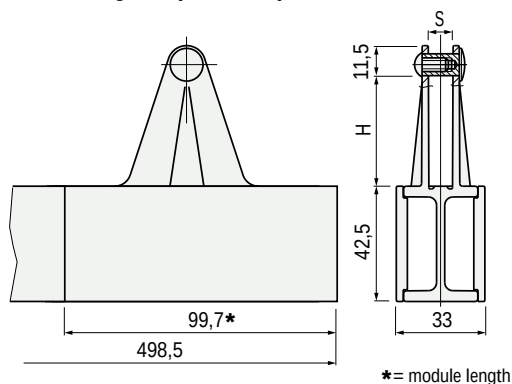


• **Assembly of Part. 606**

Guide position (Part. 605) to allow assembly with divider module.



■ **Centre guide (extra flat)**



PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
605	For 30x6 plate	30	6	613602	0,96
	For 40x8 plate	40	8	613612	

- Use : glass containers without side load. Can be used both straight run and sideflexing.
- Can be used in combination with Part. 273 - 356 - 422 - 539.
- Material : frame in acetal POM (black). Low friction plates in acetal POM (white).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N° 5 modules).
- Packaging : 4,5 metres (N° 9 strands).
- Accessories :

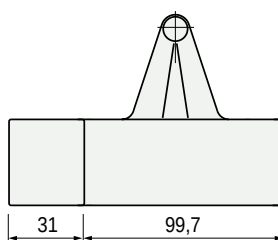


Part. 606
Divider
module



Part. 537 - Metal
profile 40x8
see page 81.

■ **Divider module**



Part.	Version	Code	Weight kg
606	For 30x6 plate	613642	0,13
	For 40x8 plate	613652	

- Material : frame in acetal POM (black). Low friction plates in acetal POM (white). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

Part. 605



Sideflexing

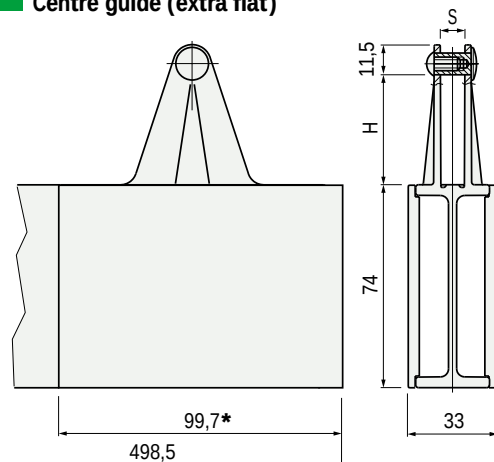
Accessories

Part. 606



Part. 605

Centre guide (extra flat)



* = module length

PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
605	For 30 x 6 plate	30	6	613622	1,38
	For 40 x 8 plate	40	8	613632	

- Use : glass containers without side load. Can be used both straight run and sideflexing.
- Can be used in combination with Part. 273 - 356 - 422 - 539.
- Material : frame in acetal POM (black). Low friction plates in acetal POM (white).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N° 5 modules).
- Packaging : 4,5 metres (N° 9 strands).
- Accessories :



Part. 606
Divider
module



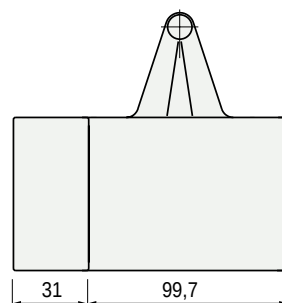
Part. 537 - Metal
profile 40x8
see page 81.

Sideflexing

Accessories

Part. 606

Divider module

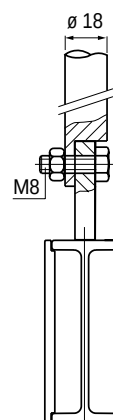
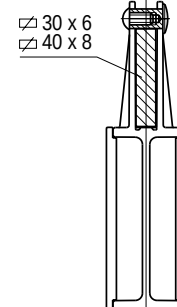


Part.	Version	Code	Weight kg
606	For 30 x 6 plate	613662	0,19
	For 40 x 8 plate	613672	

- Material : frame in acetal POM (black). Low friction plates in acetal POM (white). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

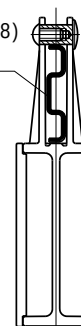
- **Fixing of Part. 605**
Assembly / disassembly

- Fixing with plate.



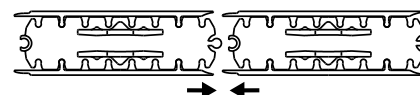
- Fixing with metal
profile Part. 537.

Part. 537 (40 x 8)
see page 81



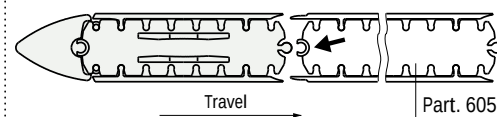
- **Modular system**

The guide consists of modules with snap-on assembly.



- **Assembly of Part. 606**

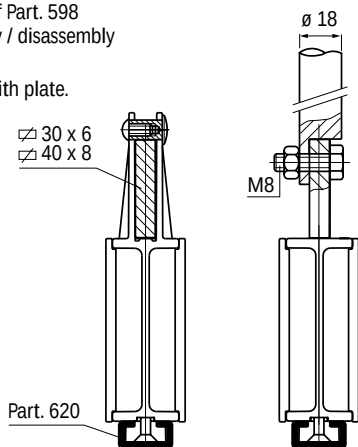
Guide position (Part. 605) to allow assembly with divider module.



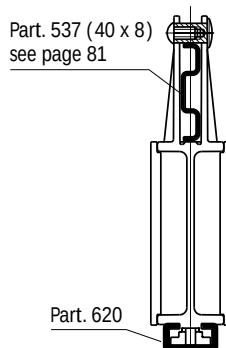
• **Fixing of Part. 598**

Assembly / disassembly

- Fixing with plate.

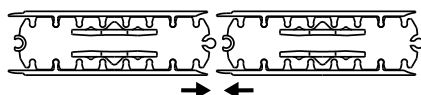


- Fixing with metal profile Part. 537.



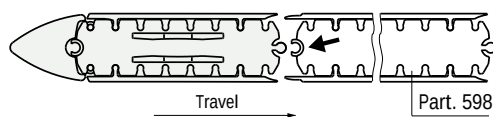
• **Modular system**

The guide consists of modules with snap-on assembly.

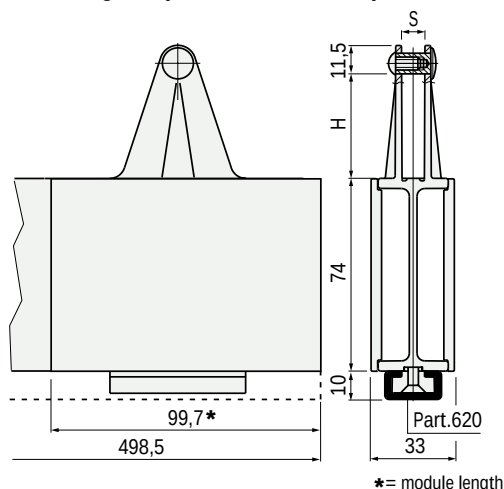


• **Assembly of Part. 610**

Guide position (Part. 598) to allow assembly with divider module.



■ **Centre guide (extra flat reinforced)**



PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
598	For 30x6 plate	30	6	613702	1,8
	For 40x8 plate	40	8	613092	

- Similar to Part. 605 but for the possible addition of a metal profile for added stiffness.

The guide and metal "C" profile are supplied separate.

- Material : frame in acetal POM (black). Low friction plates in acetal POM (white).

- Standard packaging : strands of 0,498 metres (N° 5 modules).

- Packaging : 4,5 metres (N° 9 strands).

- Accessories :

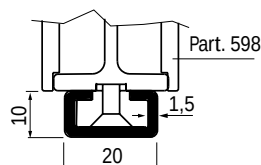


Part. 610
Divider
module



Part. 537 - Metal
profile 40x8
see page 81.

■ **Metal "C" profile**



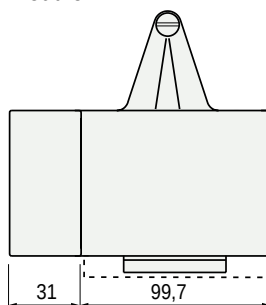
Part.	Material	Code	Weight kg/m
620	Zinc plated steel	65618	0,4
	Stainless steel AISI 304	63226	

- To be used with Part. 598, for added stiffness.

- Standard packaging : bars of 3 metres.

- Packaging : 48 metres.

■ **Divider module**



Part.	Version	Code	Weight kg
610	For 30x6 plate	613762	0,2
	For 40x8 plate	613772	

- Material : frame in acetal POM (black). Low friction plates in acetal POM (white). Separation block in polyethylene PE (black).

- Packaging : 2 pieces.

Part. 598



Reinforced / Straight run

Part. 620



Accessories

Part. 610

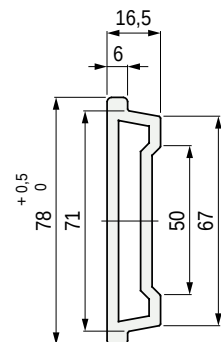


Part. 191-296

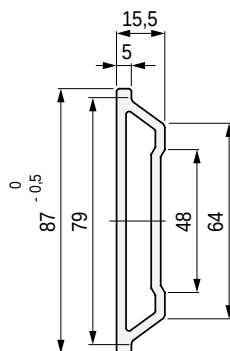


■ Guide rail (extra-large)

Part. 191



Part. 296



Part.	Colour	Length metres	Code	Weight kg/m
191	Black	3	57131	0,60
		6	56811	
296	Black	3	68811	0,60
		6	618291	

- Material : polyethylene PE 500.000.
- Min. curvature radius : 200 mm.
- Linear expansion coefficient : $2,5 \times 10^{-4}$.
- Calculation of thermal expansion see page 141.
- Packaging : 30 metres (in 3 m length).
- 60 metres (in 6 m length).

- Accessories :

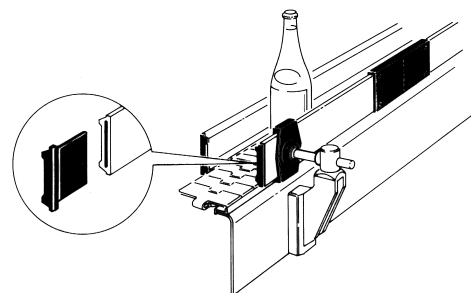


Guide rail clamps
Part. 191 (see page 94).
Part. 296 (see page 95).

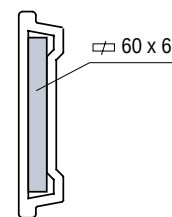


Bending machine
see page 82.

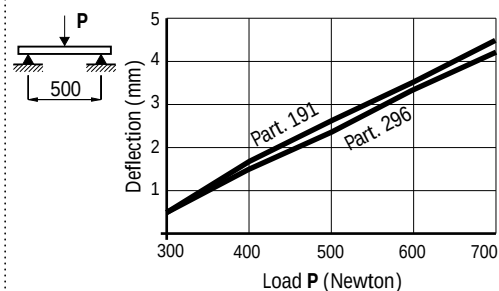
• Use of Part. 191-296



- The guide rails must be used with a 60 x 6 plate



• Deflection of Part. 191 - 296

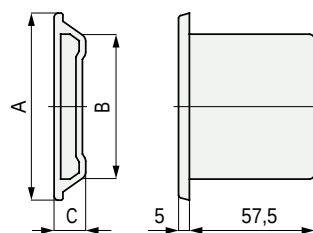


Accessories

Part. 376-377



■ End plug

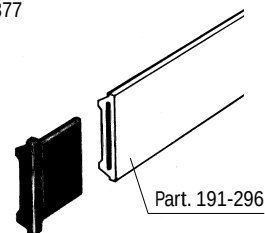


Part.	Use	A mm	B mm	C mm	Code
376	Applicable to Part. 191	77	65,3	15,5	63626
377	Applicable to Part. 296	86	63,8	14,5	63636

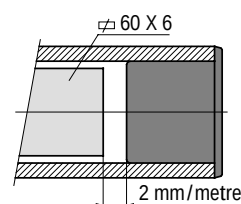
- Material : reinforced polypropylene PP FV (black).
- Packaging : 50 pieces.

• Assembly of Part. 376-377

Press-fit.
Seal with silicon.

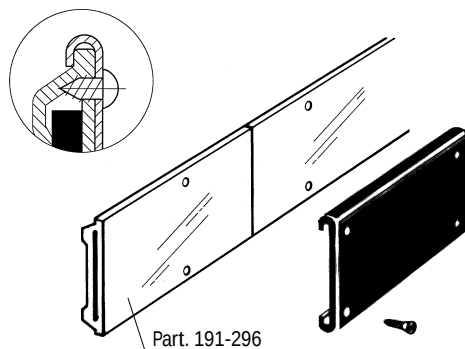


- Leave a gap between the plug and the plate to allow for contraction at low temperatures.

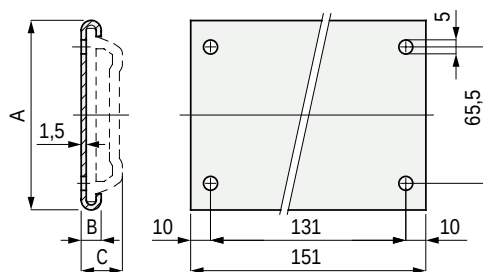


• **Assembly of Part. 378-379**

Assembly with self-tapping screws 4,8 x 9,5 DIN 7970



■ **Joint clamp**



Part.	Use	A mm	B mm	C mm	Code
378	Applicable to Part. 191	81,5	9	18	63646
379	Applicable to Part. 296	90	8	17	63656

- Material : clamp and fixing screws in stainless steel AISI 304.
- Packaging : 50 pieces complete with fixing screws.

Accessories

Part. **378-379**

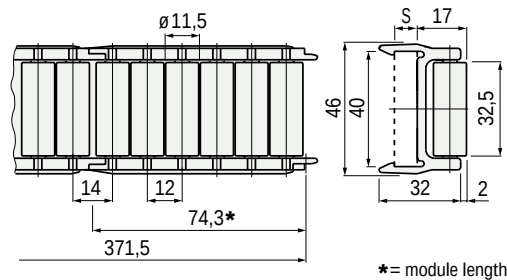


Part. 581



Sideflexing

Roller side guide



* = module length

PATENT PENDING

Part.	Version	S mm	Code	Weight kg/m
581	For 40x8 plate	8	603322	0,62

- Material : frame in acetal POM (black). Rollers in polyamide PA (white).
- Standard packaging : strands of 0,371 metres (N° 5 modules).
- Packaging : 4,5 metres (N° 12 strands).
- Accessories :



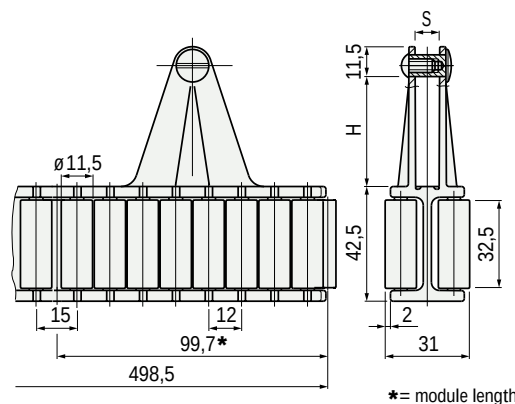
Part. 537 - Metal profile 40x8 see page 81.

Part. 585



Sideflexing

Centre roller guide



* = module length

PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
585	For 30x6 plate	30	6	603492 N	1,24
	For 40x8 plate	40	8	603502 N	

- Can be used in combination with Part. 581.
- Material : frame in acetal POM (black). Rollers in polyamide PA (white).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N° 5 modules).
- Packaging : 4,5 metres (N° 9 strands).
- Accessories :



Part. 586 Divider module



Part. 537 - Metal profile 40x8 see page 81.

• Use of Part. 581-585

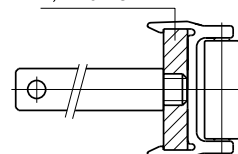
For thin walled and delicate containers (like aluminium cans, PET bottles, decorated card-board).

• Fixing of Part. 581

Snap-on assembly / disassembly

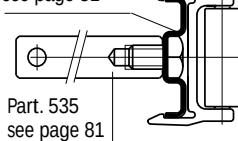
- Fixing with plate.

40 x 8



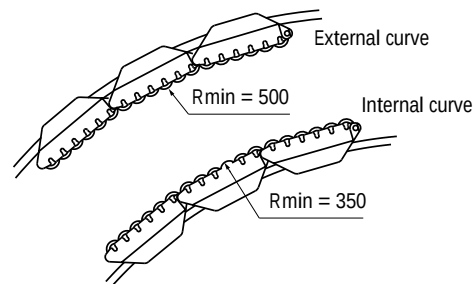
- Fixing with metal profile Part. 537.

Part. 537 (40 x 8) see page 81



Part. 535 see page 81

• Min. curvature radius Part. 581



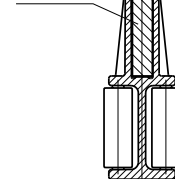
• Fixing of Part. Part. 585

Assembly / disassembly

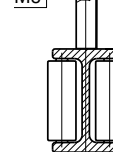
- Fixing with plate.

30 x 6

40 x 8

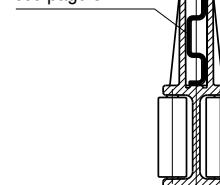


M8



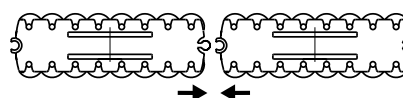
- Fixing with metal profile Part. 537.

Part. 537 (40 x 8) see page 81



• Modular system Part. 581-585

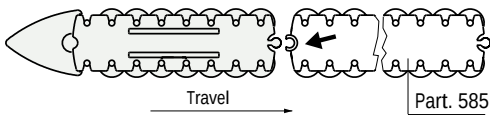
The guide consists of modules with snap-on assembly.



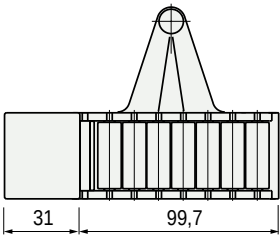
Part. 586



- **Assembly of Part. 586**
Guide position (Part. 585) to allow assembly with divider module.



■ Divider module



Part.	Version	Code	Weight kg
586	For 30x6 plate	603552 N	0,15
	For 40x8 plate	603562 N	

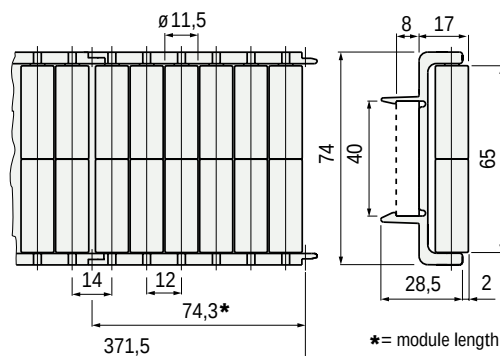
- Material : frame in acetal POM (black). Rollers in polyamide PA (white). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

Part. 581



Sideflexing

Roller side guide



PATENT PENDING

Part.	Version	Code	Weight kg/m
581	For 40x8 plate	603312	1,01

- Material : frame in acetal POM (black). Rollers in polyamide PA (white).
- Standard packaging : strands of 0,371 metres (N° 5 modules).
- Packaging : 4,5 metres (N° 12 strands).
- Accessories :



Part. 537 - Metal
profile 40x8
see page 81.

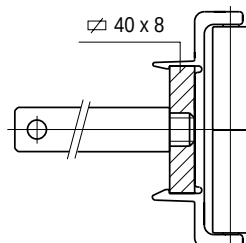
• Use of Part. 581-585

For thin walled and delicate containers (like aluminium cans, PET bottles, decorated card-board).

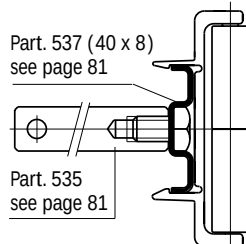
• Fixing of Part. 581

Snap-on assembly / disassembly

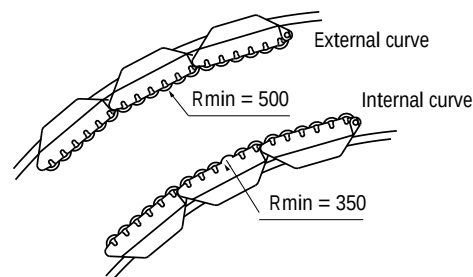
- Fixing with plate.



- Fixing with metal
profile Part. 537.



• Min. curvature radius Part. 581

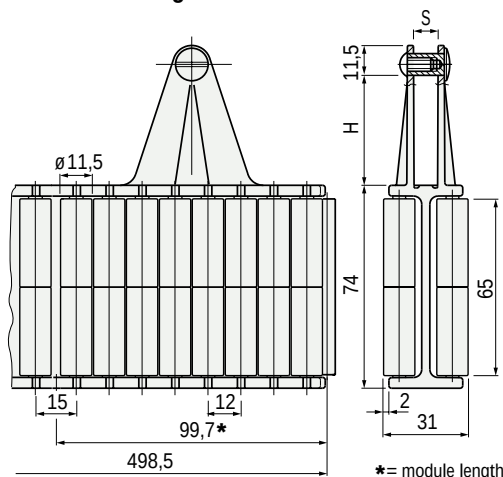


Part. 585



Sideflexing

Centre roller guide



PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
585	For 30x6 plate	30	6	603512	2,0
	For 40x8 plate	40	8	603522	

- Can be used in combination with Part. 581.
- Material : frame in acetal POM (black). Rollers in polyamide PA (white).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N° 5 modules).
- Packaging : 4,5 metres (N° 9 strands).
- Accessories :



Part. 586-Divider
module
see page 73.

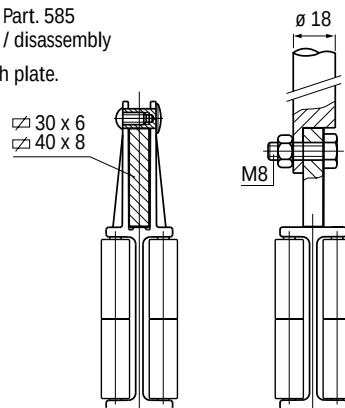


Part. 537 - Metal
profile 40x8
see page 81.

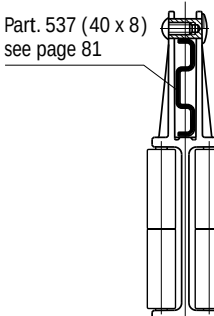
• Fixing of Part. 585

Assembly / disassembly

- Fixing with plate.

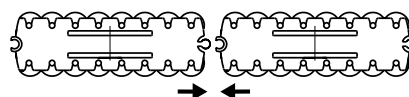


- Fixing with metal
profile Part. 537.



• Modular system Part. 581-585

The guide consists of modules with snap-on assembly.



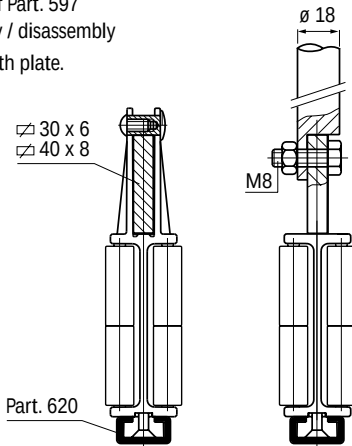
• **Use of Part. 597**

For thin walled and delicate containers (like aluminium cans, PET bottles, decorated card-board). Similar to Part. 585 but for the possible addition of a metal profile for added stiffness. **The guide and metal "C" profile are supplied separate.**

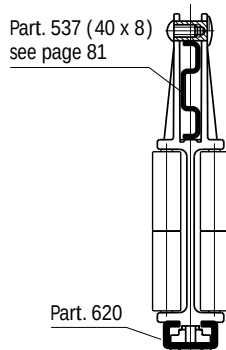
• **Fixing of Part. 597**

Assembly / disassembly

- Fixing with plate.

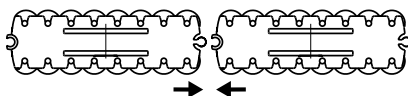


- Fixing with metal profile Part. 537.



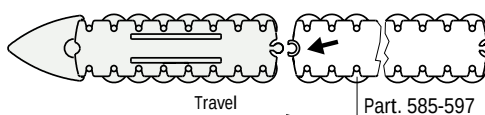
• **Modular system**

The guide consists of modules with snap-on assembly.

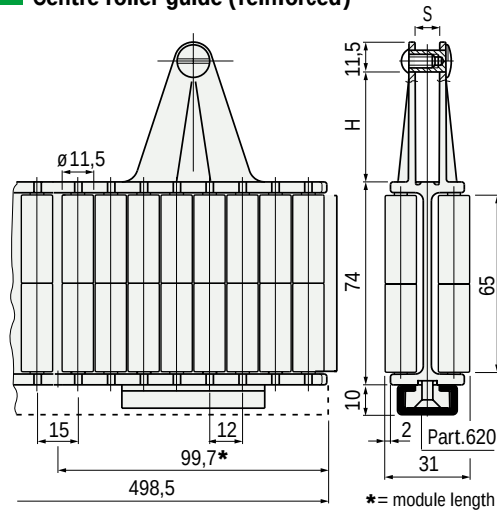


• **Assembly of Part. 586-609**

Guide position (Part. 585-597) to allow assembly with divider module.



■ **Centre roller guide (reinforced)**



PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
597	For 30x6 plate	30	6	613712	2,5
	For 40x8 plate	40	8	613082	

- Can be used in combination with Part. 581.

- Material : frame in acetal POM (black). Rollers in polyamide PA (white).

- Standard packaging : strands of 0,498 metres (N° 5 modules).

- Packaging : 4,5 metres (N° 9 strands).

- Accessories :

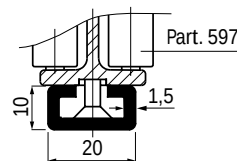


Part. 609
Divider
module



Part. 537 - Metal
profile 40x8
see page 81.

■ **Metal "C" profile**



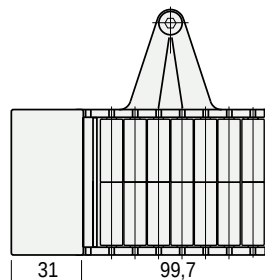
Part.	Material	Code	Weight kg/m
620	Zinc plated steel	65618	0,4
	Stainless steel AISI 304	63226	

- To be used with Part. 597, for added stiffness.

- Standard packaging : bars of 3 metres.

- Packaging : 48 metres.

■ **Divider module**



Part.	Use	Version	Code	Weight kg
586	Applicable to Part. 585	For 30x6 plate	603572	0,24
		For 40x8 plate	603582	
609	Applicable to Part. 597	For 30x6 plate	613742	0,26
		For 40x8 plate	613752	

- Material : frame in acetal POM (black). Rollers in polyamide PA (white). Separation block in polyethylene PE (black).

- Packaging : 2 pieces.

Part. 597



Reinforced / Straight run

Part. 620



Accessories

Part. 586-609

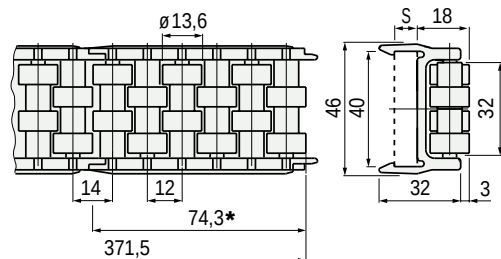


Part. 580



Sideflexing

Roller side guide



* = module length

PATENT PENDING

Part.	Version	S mm	Code	Weight kg/m
580	For 40x8 plate	8	603302	0,61
	For 40x10 plate	10	611772	

- Material : frame in acetal POM (black). Rollers in polyamide PA (white).
- Standard packaging : strands of 0,371 metres (N° 5 modules).
- Packaging : 4,5 metres (N° 12 strands).
- Accessories :



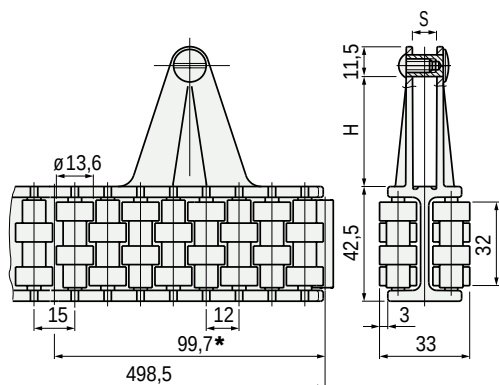
Part. 537 - Metal profile 40x8 see page 81.

Part. 557



Sideflexing

Centre roller guide



* = module length

PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
557	For 30x6 plate	30	6	695501 N	1,22
	For 40x8 plate	40	8	695991 N	

- Can be used in combination with Part. 580.
- Material : frame in acetal POM (black). Rollers in polyamide PA (white).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N° 5 modules).
- Packaging : 4,5 metres (N° 9 strands).
- Accessories :



Part. 570 Divider module



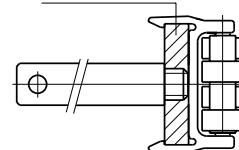
Part. 537 - Metal profile 40x8 see page 81.

Fixing of Part. 580

Snap-on assembly / disassembly

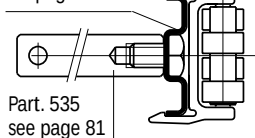
- Fixing with plate.

- 40 x 8
- 40 x 10



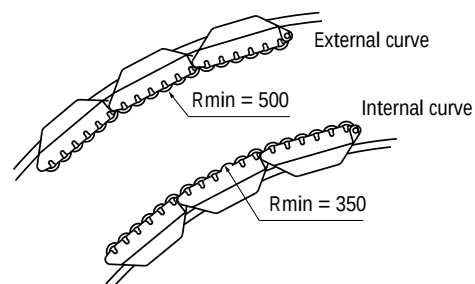
- Fixing with metal profile Part. 537.

Part. 537 (40 x 8) see page 81



Part. 535 see page 81

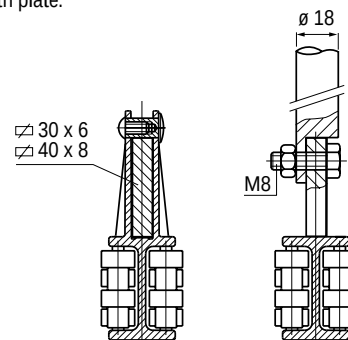
Min. curvature radius Part. 580



Fixing of Part. 557

Assembly / disassembly

- Fixing with plate.



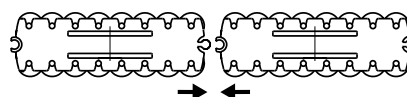
- Fixing with metal profile Part. 537.

Part. 537 (40 x 8) see page 81



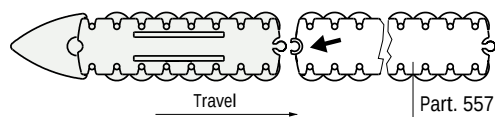
Modular system Part. 580-557

The guide consists of modules with snap-on assembly.

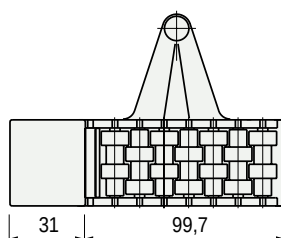


Part. 570

- **Assembly of Part. 570**
Guide position (Part. 557) to allow assembly with divider module.



■ Divider module

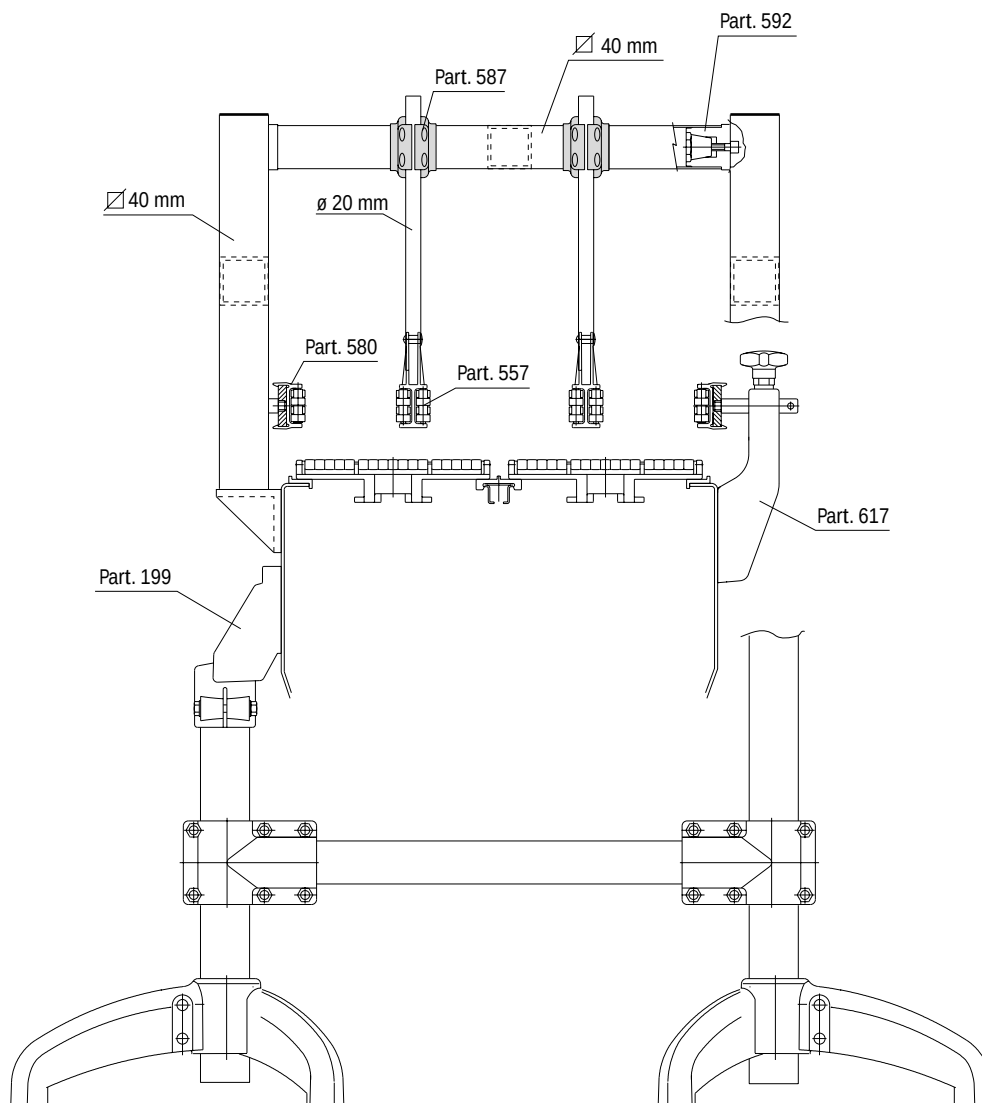


Part.	Version	Code	Weight kg
570	For 30x6 plate	601142 N	0,15
	For 40x8 plate	601162 N	

- Material : frame in acetal POM (black). Rollers in polyamide PA (white). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.



- **Use of Part. 580-557**
For medium strength containers (tin cans, glass strong aluminium cans).

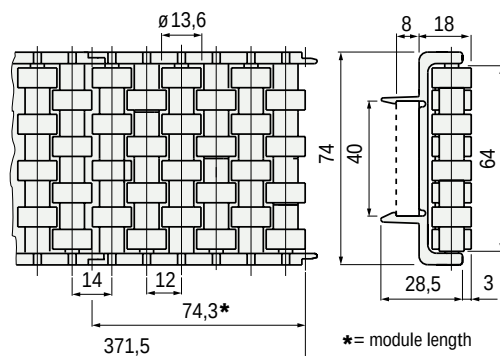


Part. 580



Sideflexing

Roller side guide



PATENT PENDING

Part.	Version	Code	Weight kg/m
580	For 40x8 plate	603292	0,99

- Material : frame in acetal POM (black). Rollers in polyamide PA (white).
- Standard packaging : strands of 0,371 metres (N° 5 modules).
- Packaging : 4,5 metres (N° 12 strands).
- Accessories :



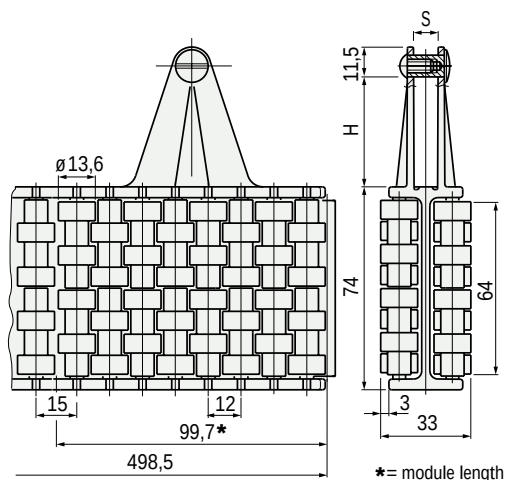
Part. 537 - Metal profile 40x8 see page 81.

Part. 557



Sideflexing

Centre roller guide



PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
557	Per piatto 30x6	30	6	603472	1,96
	Per piatto 40x8	40	8	603482	

- Can be used in combination with Part. 581.
- Material : frame in acetal POM (black). Rollers in polyamide PA (white).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N° 5 modules).
- Packaging : 4,5 metres (N° 9 strands).
- Accessories :



Part. 570 - Divider module see page 77.



Part. 537 - Metal profile 40x8 see page 81.

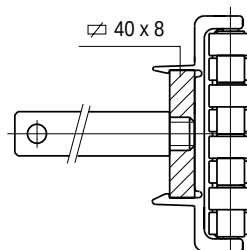
• Use of Part. 580-557

For medium strength containers (tin cans, glass, strong aluminium cans).

• Fixing of Part. 580

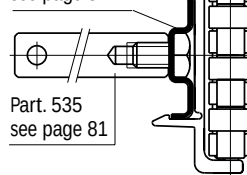
Snap-on assembly / disassembly

- Fixing with plate.



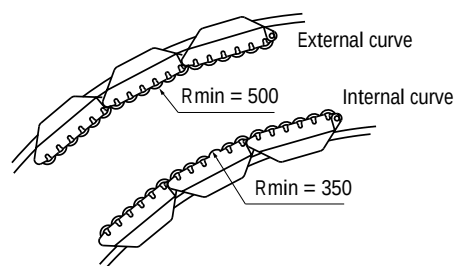
- Fixing with metal profile Part. 537.

Part. 537 (40 x 8) see page 81



Part. 535 see page 81

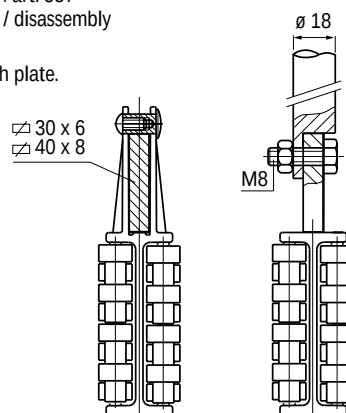
• Min. curvature radius Part. 580



• Fixing of Part. 557

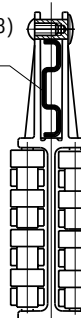
Assembly / disassembly

- Fixing with plate.



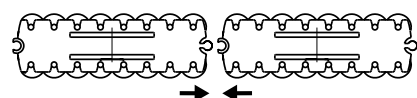
- Fixing with metal profile Part. 537.

Part. 537 (40 x 8) see page 81



• Modular system Part. 580-557

The guide consists of modules with snap-on assembly.



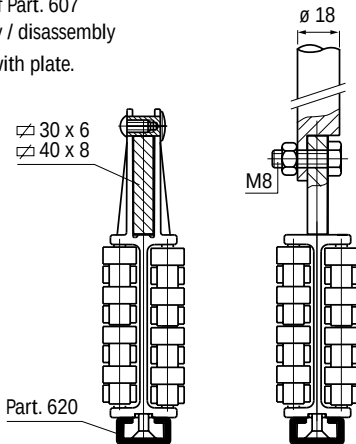
• **Use of Part. 607**

For medium strength containers (tin cans, glass, strong aluminium cans).
Similar to Part. 557 but for the possible addition of a metal profile for added stiffness. **The guide and metal "C" profile are supplied separate.**

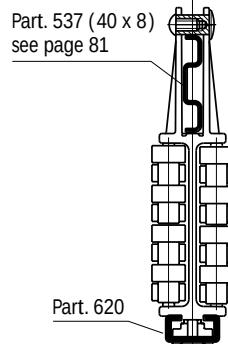
• **Fixing of Part. 607**

Assembly / disassembly

- Fixing with plate.

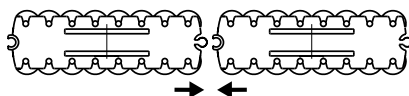


- Fixing with metal profile Part. 537.



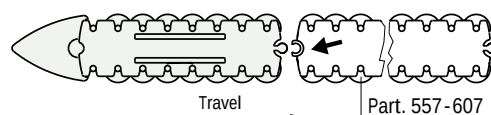
• **Modular system Part. 607**

The guide consists of modules with snap-on assembly.

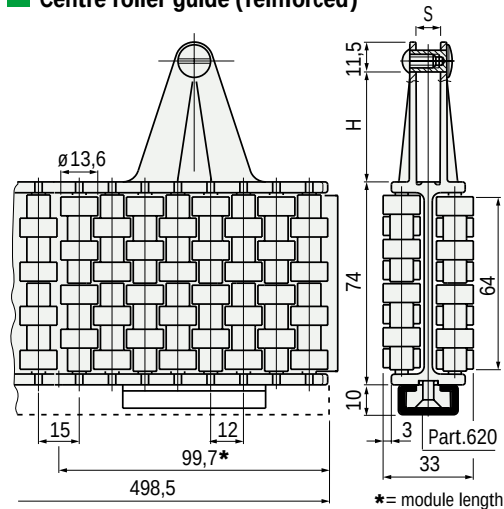


• **Assembly of Part. 570-608**

Guide position (Part. 557 - 607) to allow assembly with divider module.



■ **Centre roller guide (reinforced)**



* = module length

PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
607	For 30x6 plate	30	6	613682	2,4
	For 40x8 plate	40	8	613692	

- Can be used in combination with Part. 580.
- Material : frame in acetal POM (black). Rollers in polyamide PA (white).
- Standard packaging : strands of 0,498 metres (N° 5 modules).
- Packaging : 4,5 metres (N° 9 strands).
- Accessories :

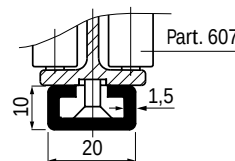


Part. 608
Divider
module



Part. 537 - Metal
profile 40x8
see page 81.

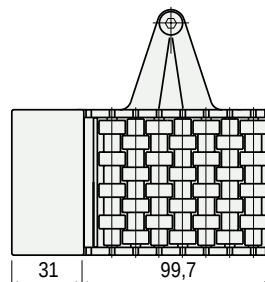
■ **Metal "C" profile**



Part.	Material	Code	Weight kg/m
620	Zinc plated steel	65618	0,4
	Stainless steel AISI 304	63226	

- To be used with Part. 607, for added stiffness.
- Standard packaging : bars of 3 metres.
- Packaging : 48 metres.

■ **Divider module**



Part.	Use	Version	Code	Weight kg
570	Applicable to Part. 557	For 30x6 plate	603532	0,24
		For 40x8 plate	603542	
608	Applicable to Part. 607	For 30x6 plate	613722	0,26
		For 40x8 plate	613732	

- Material : frame in acetal POM (black). Rollers in polyamide PA (white). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

Part. 607



Reinforced / Straight run

Part. 620



Accessories

Part. 570-608

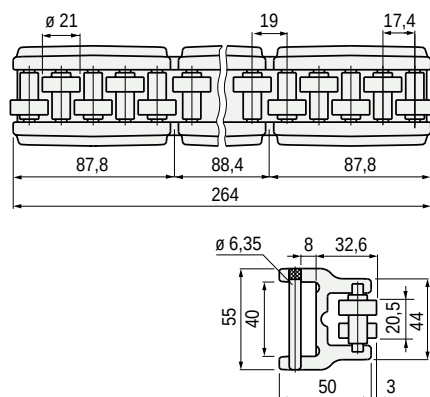


Part. 628 S



Sideflexing

Roller side guide



PATENT PENDING

Part.	Version	Code	Weight kg/m
628 S	For 40x8 plate	671981*	1,4

- Both straight and curved sections.
- Material : frame in polyamide PA (black). Rollers in acetal POM (white). Roller pins in stainless steel AISI 430 F. Fixing pins in stainless steel AISI 303.
- Standard packaging : strands of 0,264 metres.
- Packaging : 6,336 metres (N° 24 strands).
- Accessories :

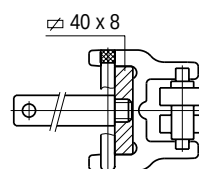


Part. 537 - Metal profile 40x8 see page 81.

- **Use of Part. 628 S**
Rugged containers (ex cases, cartons).

- **Fixing of Part. 628 S**
Assembly / disassembly

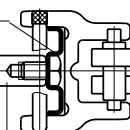
- Fixing with plate.



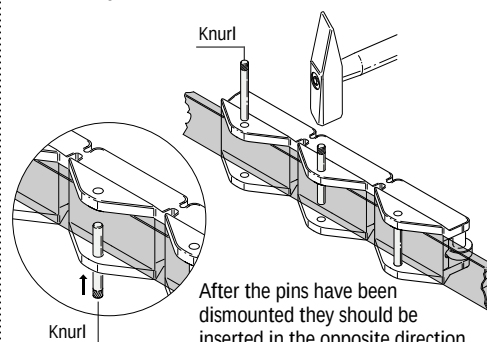
- Fixing with metal profile Part. 537.

Part. 537 (40 x 8) see page 81

Part. 535 see page 81

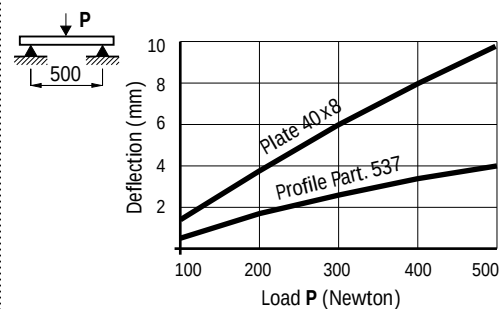


- **Assembly of Part. 628 S**



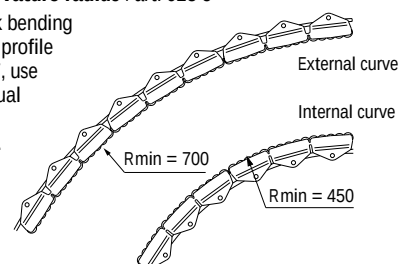
After the pins have been dismantled they should be inserted in the opposite direction to ensure proper fit in the module holes.

- **Deflection of Part. 628 S**



- **Min. curvature radius Part. 628 S**

For quick bending of metal profile Part. 537, use the manual bending machine. See page 82.

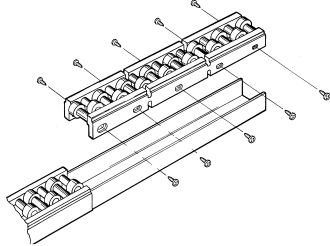


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

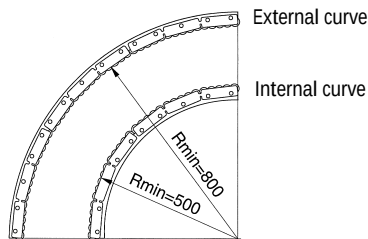
- **Use of Part. 128 S-128**
Rugged containers (ex cases, cartons).

- **Modular system**

Guides are made of 257 mm long modules fixed on a metal "C" profile.

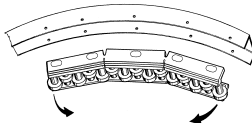


- **Min. curvature radius (only for Part. 128 S)**

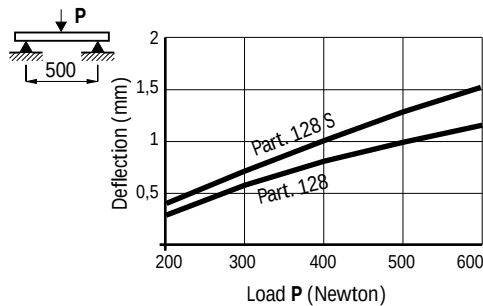


Curving procedure

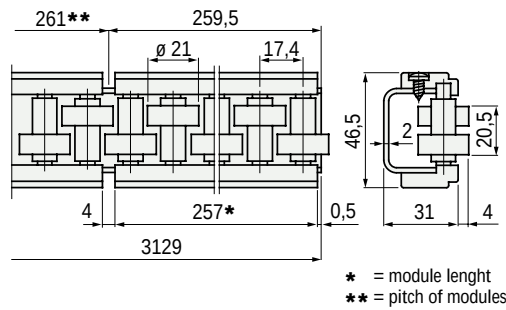
- Disassemble the modules
- Curve the metal profile using the manual bending machine.
- Reassemble the modules (the flexibility of the side straps make them easily adaptable to the curved profile).



- **Deflection** of Part. 128S-128



Roller side guide



Part.	Metal profile, screws and pins material	Code	Weight kg/m
128 S	Zinc plated steel	64136	2,06
	Stainless steel AISI 304	63466	

- Both straight and curved sections.
- Material : rollers in acetal POM (white). Side straps in polyamide PA (black).
- Standard packaging : strands of 3,129 metres.
- Packaging : 6,258 metres (n°2 strands).
- Accessories :



Guide rail clamps
see page 93.



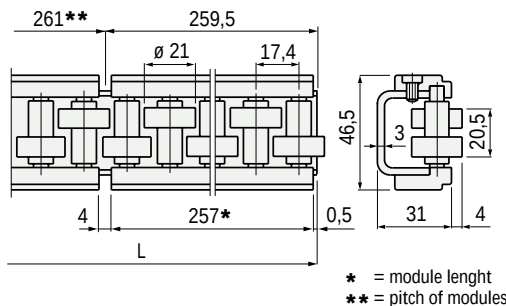
Guide rail bending machine (manual)
see page 82.

Part. 128 S



Sideflexing

Roller side guide



Part.	Length L mm	Metal profile, screws and pins material	Code	Weight kg/m
128	1041	Zinc plated steel	64531	2,6
		Stainless steel AISI 303	62640	
	2085	Zinc plated steel	64541	
		Stainless steel AISI 303	62670	
	3129	Zinc plated steel	64551	
		Stainless steel AISI 303	63350	

- Material : rollers in acetal POM (white). Side straps in polyamide PA (black).
- Packaging : n°2 strands.
- Accessories :



Guide rail clamps
see page 93.

Part. 128



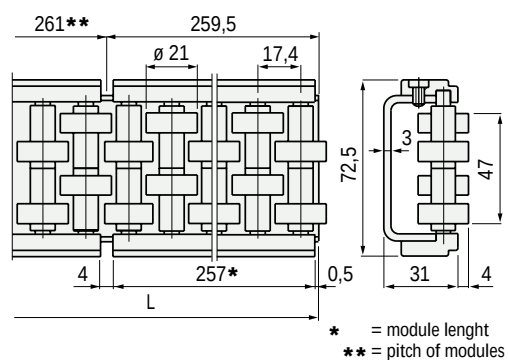
Straight run

Part. 128



Straight run

Roller side guide



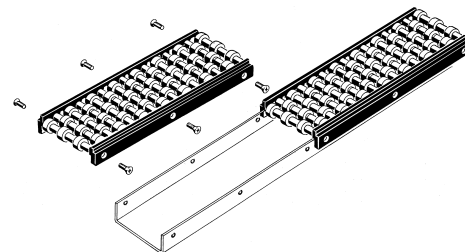
Part.	Length L mm	Metal profile, screws and pins material	Code	Weight kg/m
	1041	Zinc plated steel	64501	
		Stainless steel AISI 303	62650	
128	2085	Zinc plated steel	64511	3,8
		Stainless steel AISI 303	62680	
	3129	Zinc plated steel	64521	
		Stainless steel AISI 303	63340	

- Material : rollers in acetal POM (white). Side straps in polyamide PA (black).
- Packaging : n°2 strands.
- Accessories :

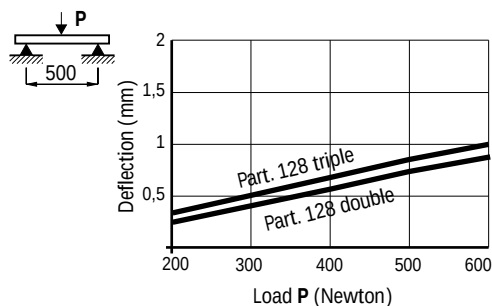


- Use of Part. 128
Rugged containers (ex cases, cartons).

- Modular system Part. 128
Guides are made of 257 mm long modules fixed on a metal "C" profile.



- Deflection of Part. 128

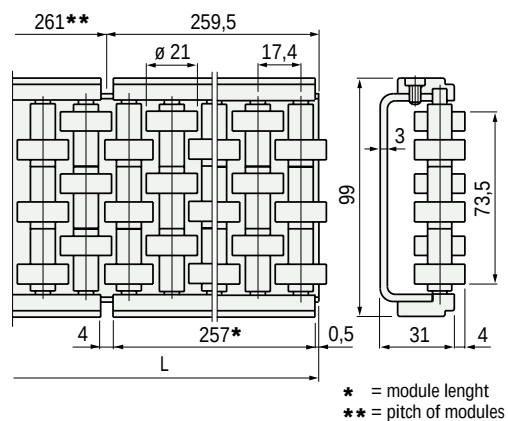


Part. 128



Straight run

Roller side guide



Part.	Length L mm	Metal profile, screws and pins material	Code	Weight kg/m
	1041	Zinc plated steel	64471	
		Stainless steel AISI 303	62660	
128	2085	Zinc plated steel	64481	5,0
		Stainless steel AISI 303	62690	
	3129	Zinc plated steel	64491	
		Stainless steel AISI 303	62890	

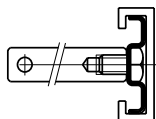
- Material : rollers in acetal POM (white). Side straps in polyamide PA (black).
- Packaging : n°2 strands.
- Accessories :



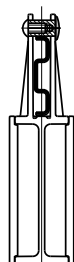
• **Types of guides**

using our 40x8 metal profile.

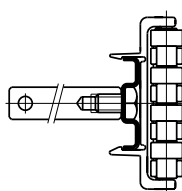
Part. 539



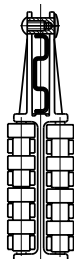
Part. 605 - 598



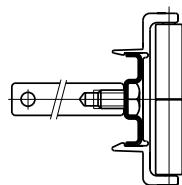
Part. 580



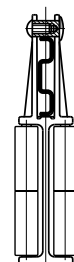
Part. 557 - 607



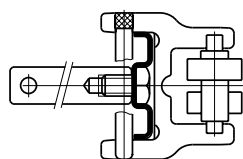
Part. 581



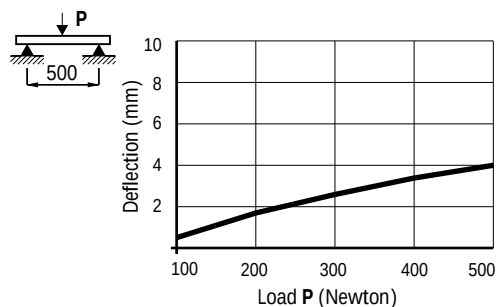
Part. 585 - 597



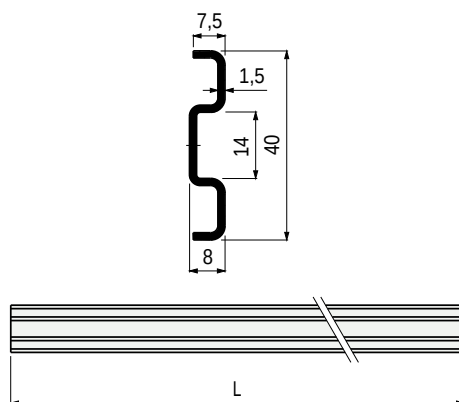
Part. 628 S



• **Deflection** of Part. 537



■ **Metal profile 40x8**



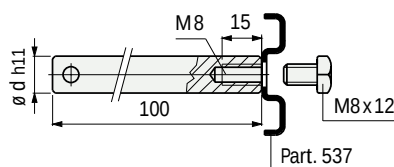
Part.	Material	Length L mm	Code
537	Stainless steel AISI 304	3209	689231
		6425	689241

- Min. curvature radius : 500 mm.
- Weight : 0,72 Kg/m.
- Packaging : 51,3 metres (in 3209 mm length),
51,4 metres (in 6425 mm length).
- Accessories :



Guide rail bending
machine (manual)
see page 82.

■ **Bolts set**



Part.	pin dia. d mm	Code	Weight kg
535	12	684641	0,12
	14	684651*	

- Material : stainless steel AISI 303.
- State of supply : complete with screw M8 x 12.
- Packaging : 24 pieces.

Part. 535

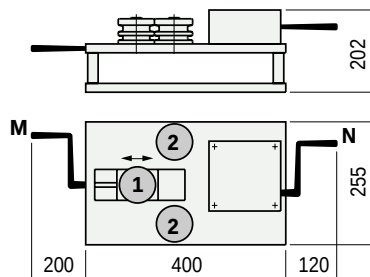


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 218

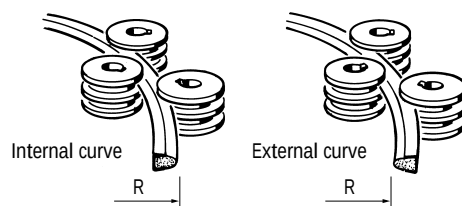


Guide rail bending machine (manual)



Part.	Code	Weight kg
218	60151*	23

- Functioning : manual.
- Packaging : 1 bending machine.
- Accessories : rollers for bending Part. 233.
- The bending machine is made with 3 shafts for rollers, hand driven.
Handle (M) displaces roller (1), to determine the bending radius.
Handle (N) actions the rotation of rollers (2).
- The rollers are supplied as separate accessories.
Each type of guide needs specific rollers, according to the table below. Double groove rollers allow two profile bending at one time.
- Both internal and external bends can be made.



Bending procedure

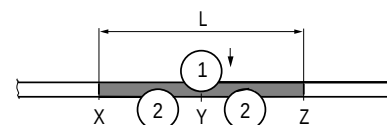
- 1- Calculate the length of the section to be bent L.

$$L = R \cdot K$$

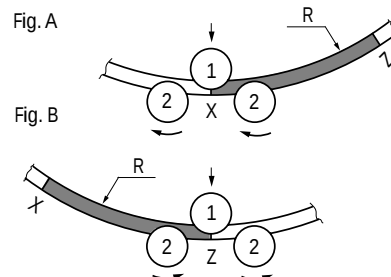
R = bend radius.
K = bend coefficient.

Bend angle (degrees)	30°	60°	90°	120°	150°	180°
Bend coefficient K	0,5	1	1,5	2	2,5	3

- 2- Sign the length L on the profile to be bent, with (X) starting point, (Z) end point and (Y) middle point. Acting on handle (M), displace roller (1) to contact the profile



- 3- Acting on handle (M), adjust the displacement to obtain the right radius (more displacement, smaller radius).
Acting on handle (N), rollers (2) rotate and move the profile to position X (picture A) or Z (picture B).
To obtain the desired radius it is necessary a minimum of two shifts.
To get a seamless transition from straight section to curve section and vice-versa it is necessary to exceed points X and Z by 20 mm.



Accessories

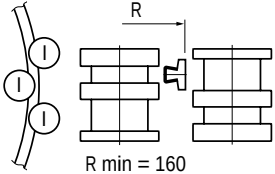
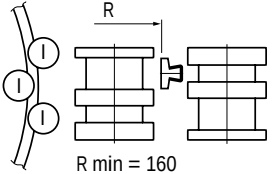
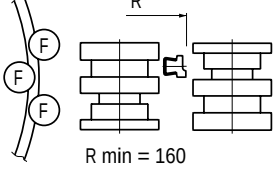
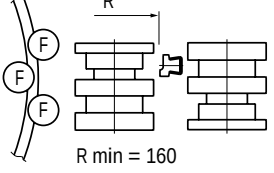
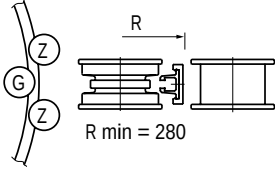
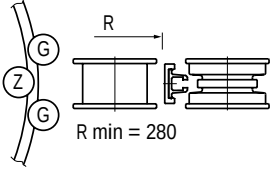
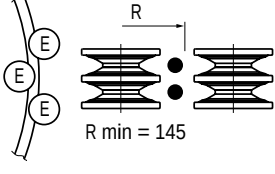
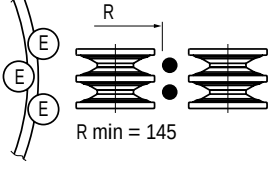
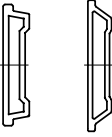
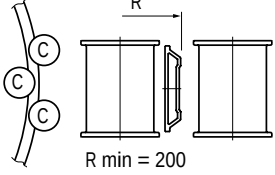
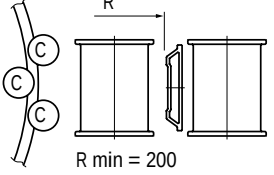
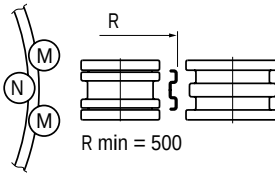
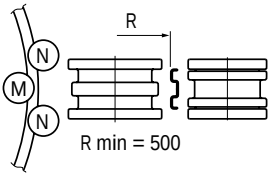
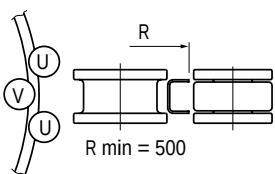
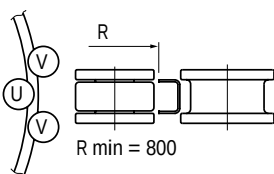
Part. 233



Rollers for bending

Part.	Types of guides to be bent	Inside bent rollers position	Outside bent rollers position	Code	No. of rollers
233	Part. 219 Part. 393 Part. 317 Part. 308 Part. 223	 R min = 145	 R min = 145	62791	4
	Part. 247	 R min = 145	 R min = 145	62811*	4
	Part. 346	 R min = 110	 R min = 110	64374*	4

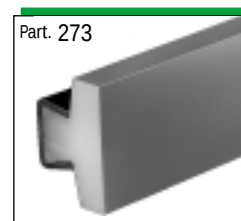
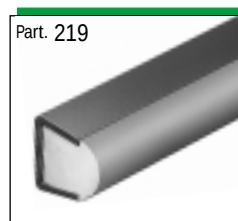
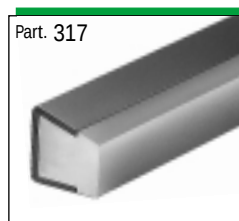
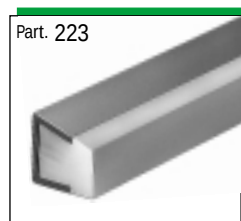
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part.	Types of guides to be bent	Internal curve position of rollers	External curve position of rollers	Code	No. of rollers
233	Part. 273 	 R min = 160	 R min = 160	69232*	3
	Part. 596 	 R min = 160	 R min = 160	621462*	3
	Part. 422 	 R min = 280	 R min = 280	68179*	4
	Steel rods dia. 8 to 14* mm 	 R min = 145	 R min = 145	62821*	3
	Part. 191 Part. 296 	 R min = 200	 R min = 200	62801*	3
	Part. 537 	 R min = 500	 R min = 500	689371*	4
	Part. 128 S 	 R min = 500	 R min = 800	64566*	4

- Material : steel (the rollers for Part. 346 - 273 - 596 - 356, are supplied in polyamide PA black).
- Packaging : 1 series of rollers.
- Double race rollers allow two guides to be bent at the same time.
- * = Steel rods Ø 14 mm can be bent only one at a time (use the lower groove to give less stress to the machine).

Guide rail clamps for

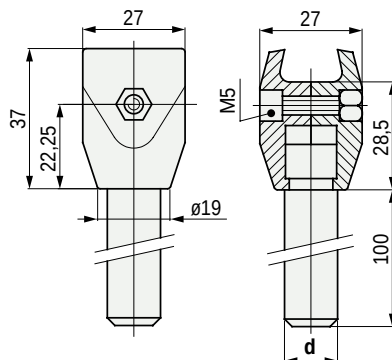
- Part. 223
- Part. 317
- Part. 219
- Part. 273
- Part. 393
- Part. 596
- Part. 308



Part. 210 P



Guide rail clamp



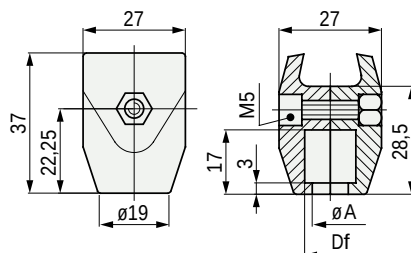
Part.	Pin dia. d mm	Code	Weight kg
210 P	12	620391	0,12
	14	618551	0,15

- Material : guide rail clamps in reinforced polyamide PA FV (black). Pin in stainless steel AISI 303.
- Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.

Part. 210



Guide rail clamp



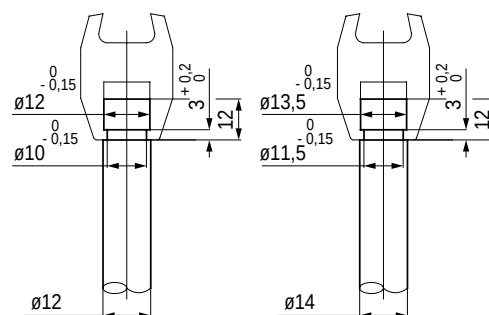
Part.	Use	Bore dia. Df mm	Ø A mm	Code	Weight kg
210	for pins dia. 12	12	10	600372	0,02
	for pins dia. 14	13,5	11,5	59941	

- Material : guide rail clamps in reinforced polyamide PA FV (black).
- Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.

Pin dimensions for Part. 210

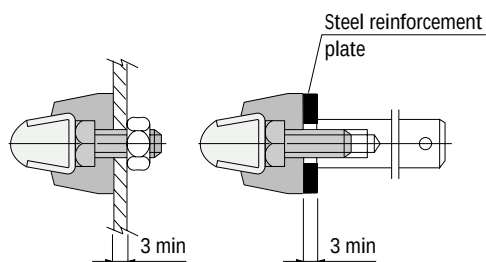
Pin dia. 12 mm

Pin dia. 14 mm

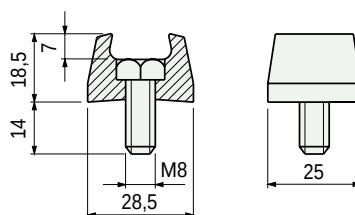


for Part. 223 - 317 - 219 - 273 - 393 - 596 - 308

• Assembly of Part. 275



■ Guide rail clamp



Part.	Code	Weight kg
275	66811	0,02

- Material : guide rail clamps in acetal POM (black), bolt in stainless steel AISI 304.
- Packaging : 100 pieces.

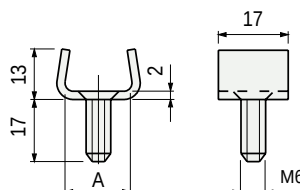
Part. **275**



Part.	Use	A mm	Code	Weight kg
216	For guides with S = 1,5	16,5	60131*	0,01
	For guides with S = 2	17	64244	

- Material : stainless steel AISI 304.
- Packaging : 50 pieces.

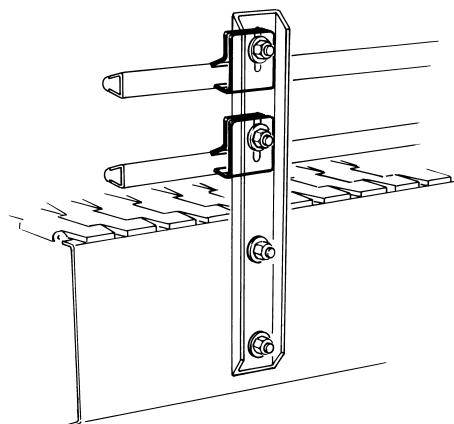
■ Guide rail clamp



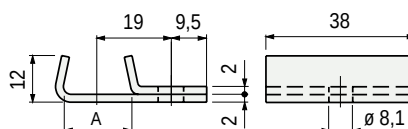
Part. **216**



• Assembly of Part. 215



■ Guide rail clamp



Part.	Use	A mm	Code	Weight kg
215	For guides with S = 1,5	16,5	60121	0,04
	For guides with S = 2	17	65976	

- Material : stainless steel AISI 304.
- Packaging : 50 pieces.

Part. **215**



* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

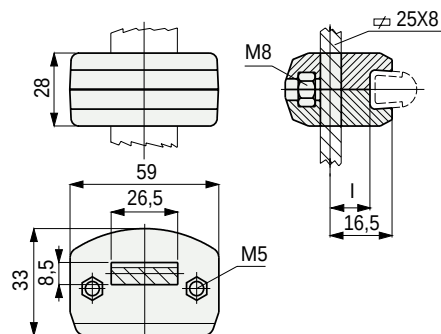
for Part. 223 - 317 - 219 - 273 - 393 - 596 - 308

Part. 211



Distance $l = 8 \text{ mm}$

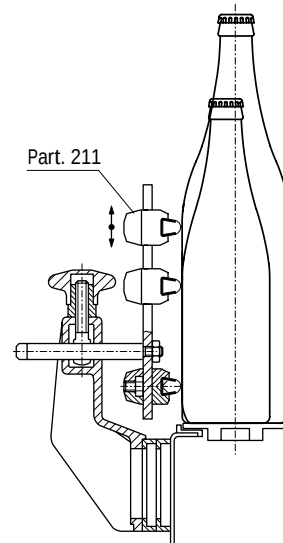
Adjustable guide rail clamp



Part.	l mm	Code	Weight kg
211	8	59961	0,05

- Material : guide rail clamps in reinforced polyamide PA FV (black).
- Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 100 pieces.

- Assembly of Part. 211
Unlimited height adjustment possible

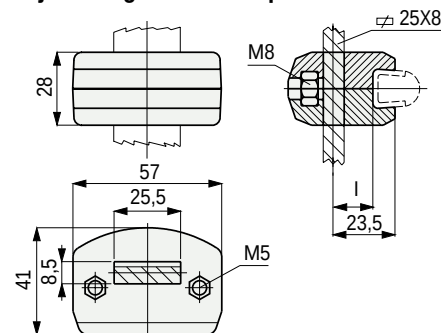


Part. 446



Distance $l = 15 \text{ mm}$

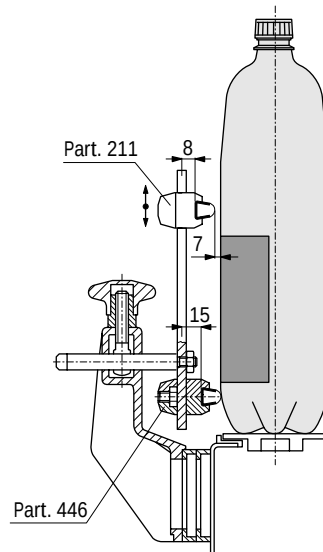
Adjustable guide rail clamp



Part.	l mm	Code	Weight kg
446	15	607651	0,05

- Material : guide rail clamps in reinforced polyamide PA FV (black).
- Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.

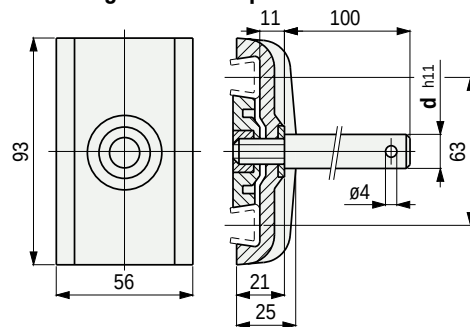
- Assembly of Part. 211-446
PET bottle movement (subject to swelling).



Part. 213



Double guide rail clamp

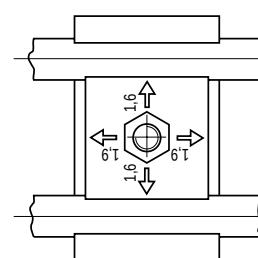


Part.	Pin dia. d mm	Code	Weight kg
213	12	60091	0,19
	14	60181	0,22
	16	60191	0,25

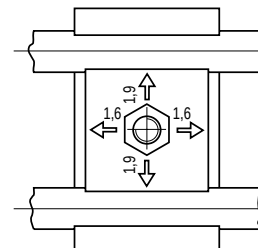
- Material : guide rail clamp in reinforced polyamide PA FV (black). Pin in stainless steel AISI 303. Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.

- Assembly of Part. 213
The plate inside the clamp must be positioned to suit the thickness of the guide.

Position of plate for assembly of guides of thickness $s = 1,5$.



Position of plate for assembly of guides of thickness $s = 2$. The plate is turned through 90° .

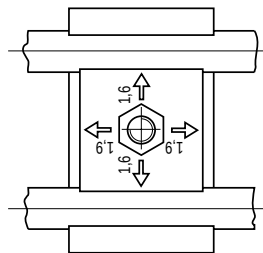


for Part. 223 - 317 - 219 - 273 - 393 - 596 - 308

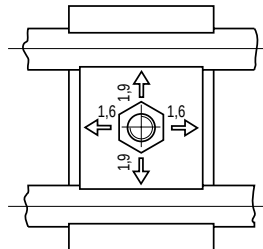
• **Assembly of Part. 213**

The plate inside the clamp must be positioned to suit the thickness of the guide.

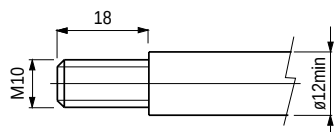
Position of plate for assembly of guides of thickness $s = 1,5$.



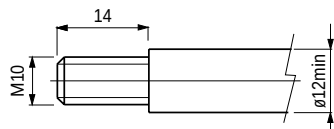
Position of plate for assembly of guides of thickness $s = 2$. The plate is turned through 90°.



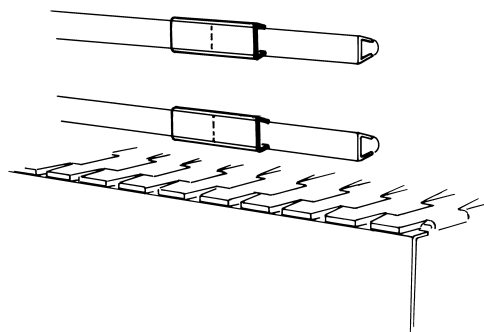
• **Pin dimensions for Part. 213**



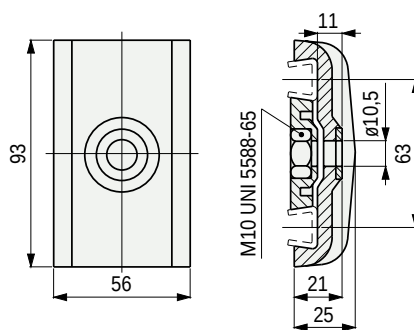
• **Pin dimensions for Part. 217**



• **Assembly of Part. 214**



■ **Double guide rail clamp**



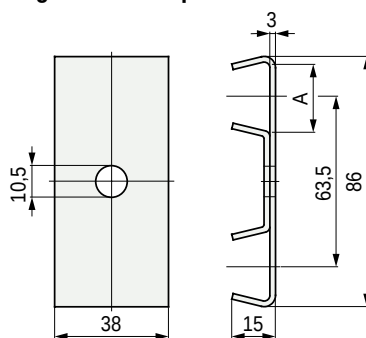
Part.	Code	Weight kg
213	60101	0,08

- Material : guide rail clamp in reinforced polyamide PA FV (black). Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.

Part. 213



■ **Double guide rail clamp**



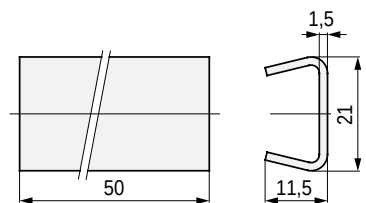
Part.	Use	A mm	Code	Weight kg
217	For guides with $S = 1,5$	16,5	60141	0,14
	For guides with $S = 2$	17	695131	

- Material : stainless steel AISI 304.
- Packaging : 50 pieces.

Part. 217



■ **Joint clamp**



Part.	Code	Weight kg
214	60111	0,02

- Material : stainless steel AISI 304.
- Packaging : 50 pieces.

Part. 214



Guide rail clamps for

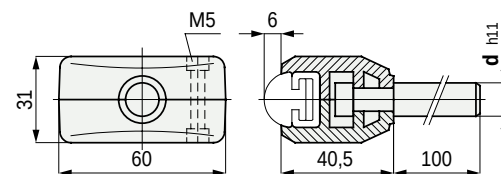
- Part. 247



Part. 236



Guide rail clamp



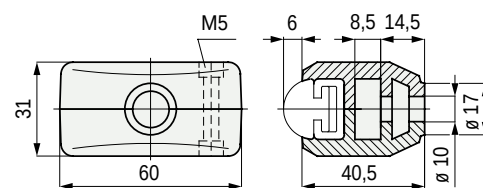
Part.	Pin dia. d mm	Code	Weight kg
236	12	63931	0,13
	14	63941	0,18
	16	63951*	0,23

- Material : guide rail clamps in reinforced polyamide PA FV (black). Pin in stainless steel AISI 303.
- Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.

Part. 236



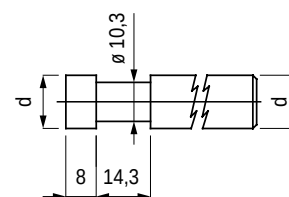
Guide rail clamp



Part.	Code	Weight kg
236	63141	0,06

- Material : guide rail clamps in reinforced polyamide PA FV (black).
- Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.

Pin dimensions for Part. 236

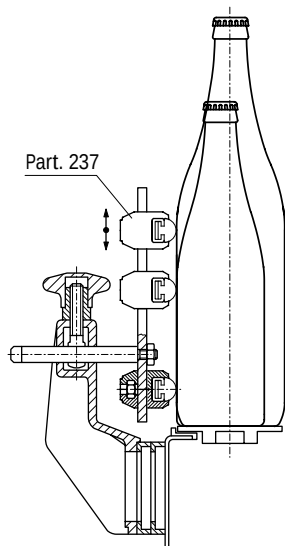


d = dia. 12 to 16 mm

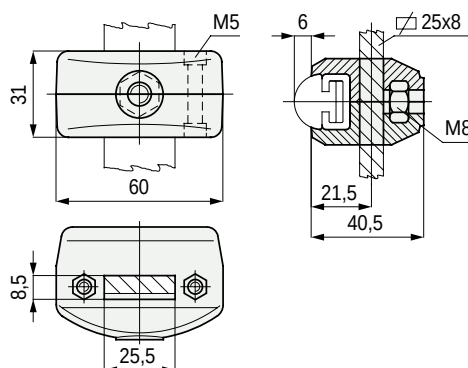
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

for Part. 247

- **Assembly of Part. 237**
Unlimited height adjustment possible



Adjustable guide rail clamp



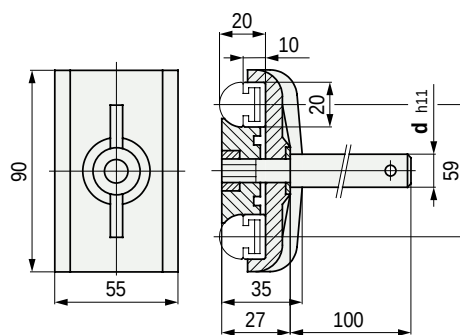
Part.	Code	Weight kg
237	63151	0,06

- Material : guide rail clamps in reinforced polyamide PA FV (black).
- Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.

Part. 237



Double guide rail clamp



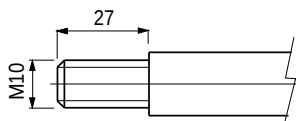
Part.	Pin dia. d mm	Code	Weight kg
	12	51590	0,20
116	14	51600	0,23
	16	55010	0,26

- Material : guide rail clamp in reinforced polyamide PA FV (black). Pin in stainless steel AISI 303. Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.

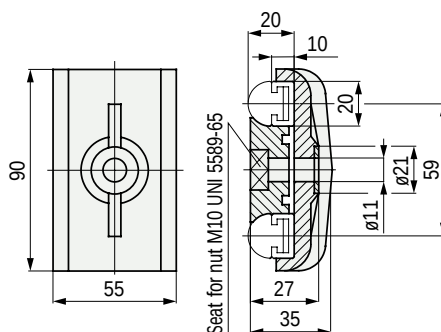
Part. 116



- **Pin dimensions for Part. 111**



Double guide rail clamp



Part.	Code	Weight kg
111	51580	0,08

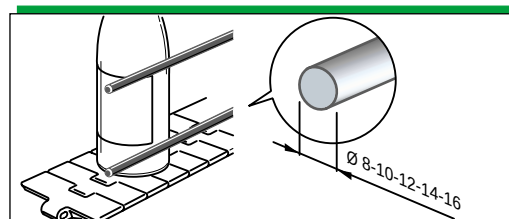
- Material : guide rail clamp in reinforced polyamide PA FV (black). Washer in stainless steel AISI 304.
- State of supply : supplied without tightening nut.
- Packaging : 50 pieces.

Part. 111



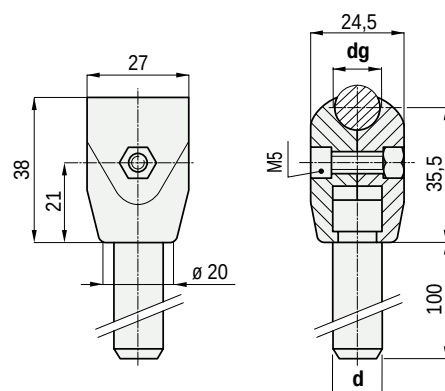
Guide rail clamps for

- Round steel rods



Part. 82 P

■ Guide rail clamp

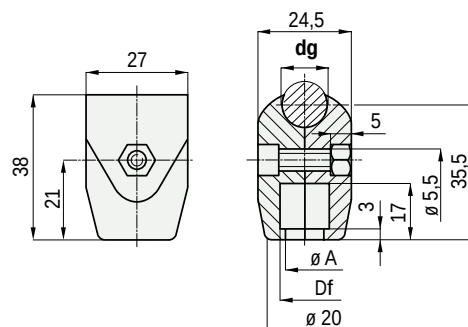


Part.	Pin dia. d mm	Guide dia. dg mm	Code	Weight kg
82 P	12	12	618491	0,12
		14	618501	
	14	12	618511	0,15
		14	618521	

- Material : guide rail clamps in reinforced polyamide PA FV (black). Pin in stainless steel AISI 303.
- Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.

Part. 82-82 B

■ Guide rail clamp

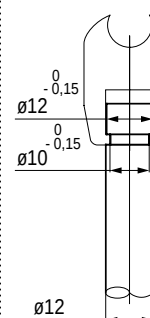


Part.	Use	Bore dia. Df mm	Ø A mm	Guide dia. dg mm	Code	Weight kg
• Without tightening bolt						
82	for pins dia. 12	12	10	12	66861	0,01
				14	66871*	
	for pins dia. 14	13,5	11,5	12	50930*	
				14	50940*	
• With tightening bolt						
82 B	for pins dia. 12	12	10	12	66838	0,01
				14	66848	
	for pins dia. 14	13,5	11,5	12	607251	
				14	607261	

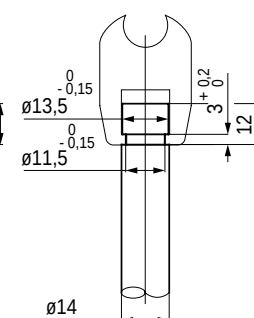
- Material : guide rail clamps in reinforced polyamide PA FV (black).
- Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 100 pieces.

• Pin dimensions for Part. 82 - 82 B

Pin dia. 12 mm



Pin dia. 14 mm

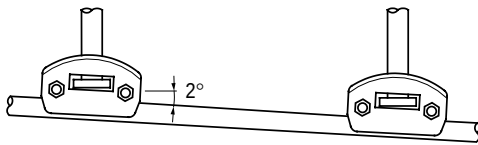


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

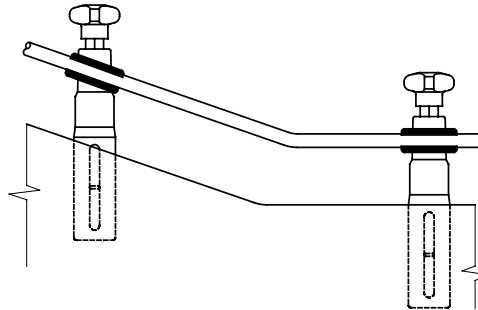
for round steel rods

• **Assembly of Part. 478**

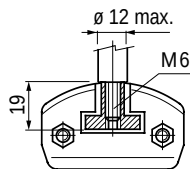
It is possible an inclination of 2° of the guide rail



Recommended for inclined conveyors (with any angle).

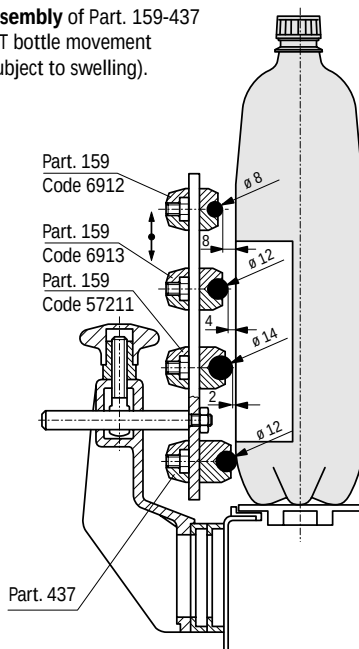


• **Pin dimensions for Part. 478**

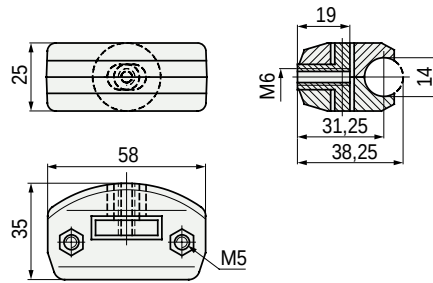


• **Assembly of Part. 159-437**

PET bottle movement
(subject to swelling).



■ **Pivoting guide rail clamp**



Part.	Code	Weight kg
478	670151	0,06

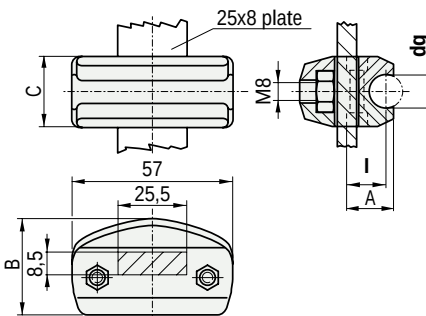
- Material : guide rail clamps in reinforced polyamide PA FV (black). Insert in brass. Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.

Part. 478



Pivoting

■ **Adjustable guide rail clamps**



Part.	Guide dia. dg mm	I mm	A mm	B mm	C mm	Code	Weight kg
	8	12	15,5	32,5	21	69120	
	10	12	15,8	32,5	21	622381	
159	12	14	17,8	35	25	69130	0,05
	14	15	19,5	35	25	57211	
437	12	18	22	41	25	68089	0,05

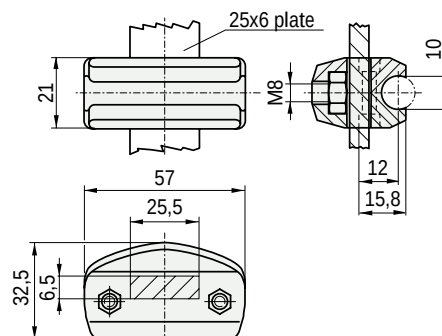
- Material : guide rail clamps in reinforced polyamide PA FV (black). Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.

Part. 159-437



For 25 x 8 plates

■ **Adjustable guide rail clamp**



Part.	Code	Weight kg
451	63389	0,05

- Material : guide rail clamps in reinforced polyamide PA FV (black). Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.

Part. 451

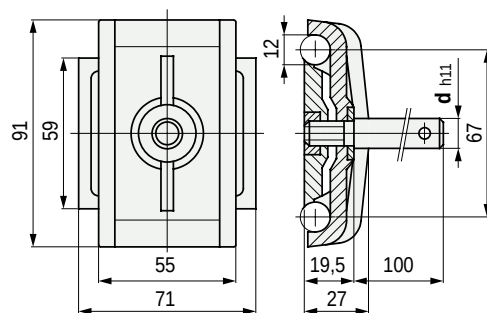


For 25 x 6 plates

for round steel rods

Part. 71

Double guide rail clamp

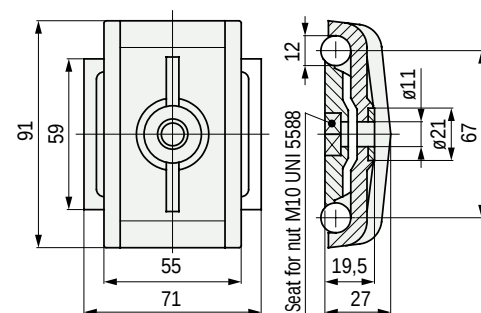


Part.	Pin dia. d mm	Code	Weight kg
71	12	50960	0,20
	14	50970	0,22
	16	50980*	0,26

- Material : guide rail clamp in reinforced polyamide PA FV (black). Pin in stainless steel AISI 303. Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.

Part. 70

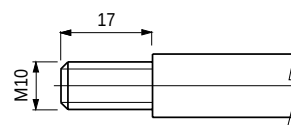
Double guide rail clamp



Part.	Code	Weight kg
70	50950	0,09

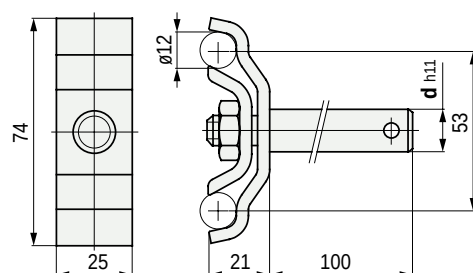
- Material : guide rail clamp in reinforced polyamide PA FV (black). Washer in stainless steel AISI 304.
- State of supply : supplied without tightening nut.
- Packaging : 50 pieces.

• Pin dimensions for Part. 70



Part. 50

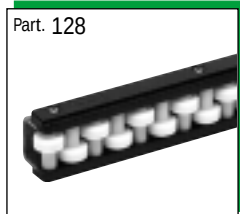
Double guide rail clamp



Part.	Pin dia. d mm	Code	Weight kg
50	12	53801	0,34
	14	51000	0,36
	16	647871	0,38

- Material : guide rail clamp and tightening nut in stainless steel AISI 304. Pin in stainless steel AISI 303.
- Packaging : 50 pieces.

* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.



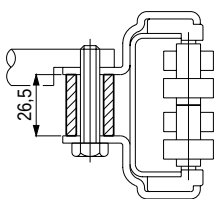
Guide rail clamps for

- Part. 128 S
- Part. 128

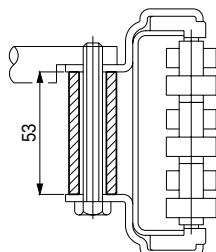
• Assembly of Part. 373

For the use of double and triple execution rails it is necessary a spacer.

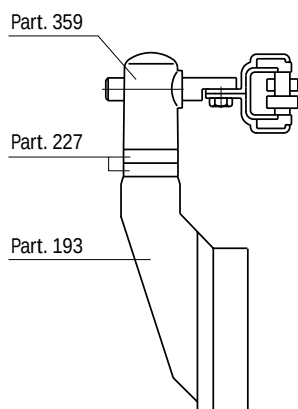
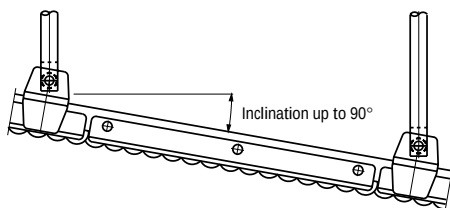
Spacer for double execution guide rail



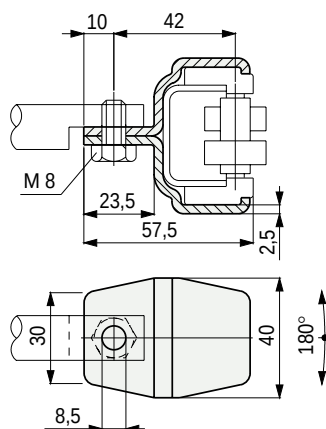
Spacer for triple execution guide rail



The clamp allow the guide to be mounted at an angle



■ Guide rail clamp



Part. 373

Part.	Material	Code	Weight kg
373	Stainless steel AISI 304	63506	
	Zinc plated steel	64156	0,11

- Packaging : 50 pieces.
- **Suitable to use in curves also.**
- **On request** the clamps can be supplied complete with pins (with measurements to drawing).

Guide rail clamps for

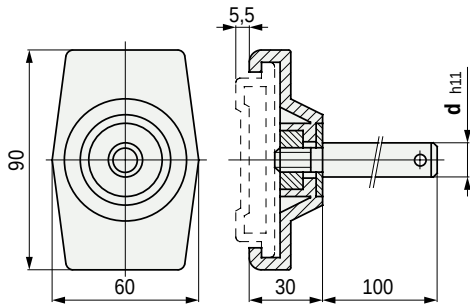
- Part. 191



Part. 190



■ Guide rail clamp

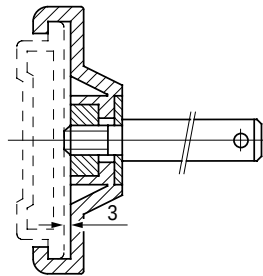


Part.	Pin dia. d mm	Code	Weight kg
	12	55741	0,18
190	14	55751	0,22
	16	55761	0,25

- Material : guide rail clamp in reinforced polyamide PA FV (black). Pin in stainless steel AISI 303. Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.
- Suitable to use in curves also.

• Assembly of Part. 190

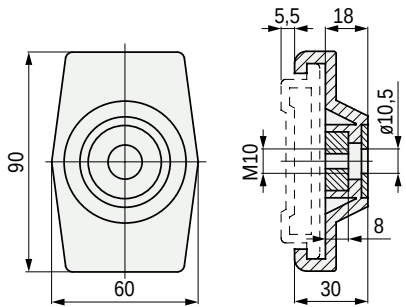
The protrusion of the pin allows the guide to be locked axially



Part. 184



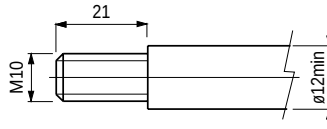
■ Guide rail clamp



Part.	Code	Weight kg
184	54961	0,09

- Material : guide rail clamp in reinforced polyamide PA FV (black). Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.
- Suitable to use in curves also.

• Pin dimensions for Part. 184



Part. 296

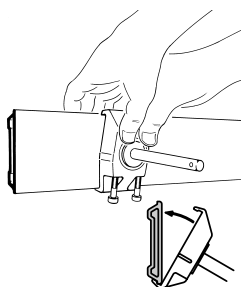


Guide rail clamps for

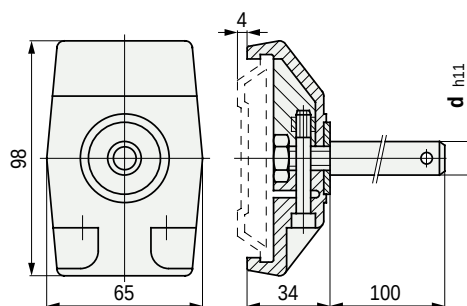
- Part. 296

• Assembly of Part. 298

- 1) Untighten the screws
- 2) Clip on to the profile
- 3) Slide along the guide to the desired position and tighten screws to lock in place.



■ Guide rail clamp



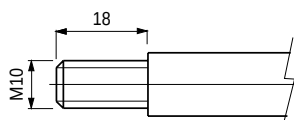
Part.	Pin dia. d mm	Code	Weight kg
	12	60372	0,12
298	14	60382	0,25
	16	60392	0,29

- Material : guide rail clamp in reinforced polyamide PA FV (black). Pin in stainless steel AISI 303. Washer and tightening screws in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.
- **Suitable to use in curves also.**

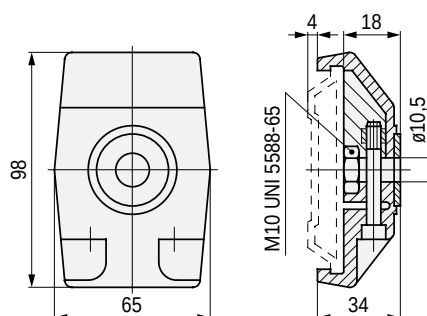
Part. 298



• Pin dimensions for Part. 298



■ Guide rail clamp



Part.	Code	Weight kg
298	60362	0,12

- Material : guide rail clamp in reinforced polyamide PA FV (black). Washer and tightening screws in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.
- **Suitable to use in curves also.**

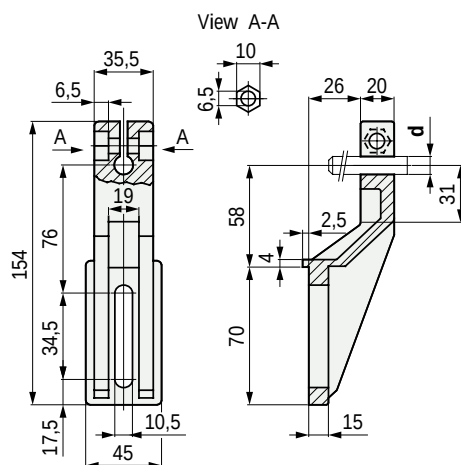
Part. 298



Part. 81



Bracket



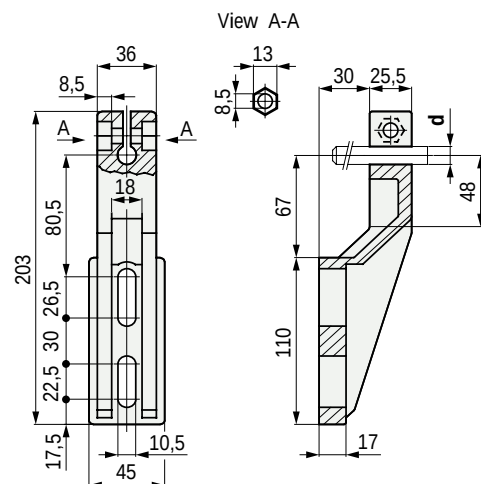
Part.	Material	Pin dia. d mm	Code	Weight kg
81	Polyamide PA (black)	12	50770	0,11
		14	50780*	

- Standard packaging : supplied without tightening bolt.
- Tightening bolt required : bolt M6 x 25 UNI 5931, DIN 912. Nut M6 UNI 5587-68.
- Max recommended tightening torque : 0,6 Kgm.
- Packaging : 50 pieces.

Part. 72



Bracket

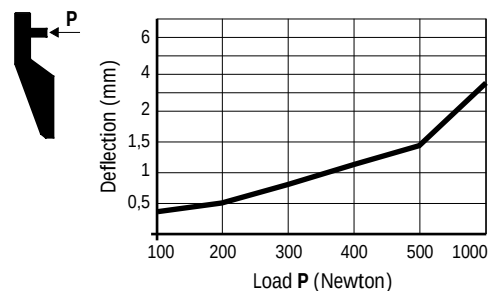


Part.	Material	Pin dia. d mm	Code	Weight kg
72	Polyamide PA (black)	14	50790	0,17
		16	50800	
	Reinforced polypropylene PP FV (black)	14	57120	0,17
		16	57130*	

- Standard packaging : supplied without tightening bolt.
- Tightening bolt required : bolt M8 x 25 UNI 5931, DIN 912. Nut M8 UNI 5587-68.
- Max recommended tightening torque : 1 Kgm.
- Packaging : 50 pieces.

* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Deflection of Part. 81



Technical data Part. 81

- Sliding load resistance :


 1020 N (with d = 12)
 2000 N (with d = 14)

- Breaking load :

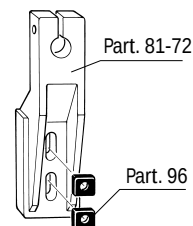


2500 N

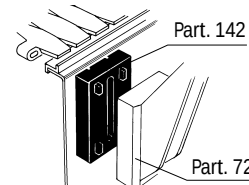
Tests performed at tightening torque : 0,6 Kgm

Accessories

Square washer Part. 96, see page 111.
 Applicable to Part. 81-72 distributes force from tightening over larger area.

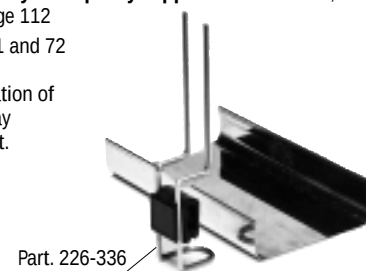


Spacer Part. 142, see page 110.
 Applicable to Part. 72

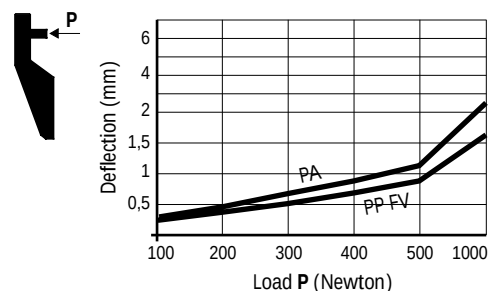


Assembly of drip tray support Part. 226-336, see page 112

Part. 81 and 72 permit application of drip tray support.



Deflection of Part. 72



Technical data Part. 72

- Sliding load resistance :

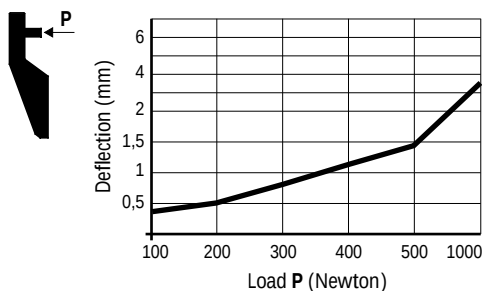

 Material in PA
 2700 N (with d = 14)
 2200 N (with d = 16)
 Material in PP FV
 800 N (with d = 14)
 600 N (with d = 16)

- Breaking load :


 Material in PA
 2700 N
 Material in PP FV
 2200 N

Tests performed at tightening torque : 1 Kgm

• **Deflection** of Part. 88



• **Technical data** Part. 88

- Sliding load resistance :

- Breaking load :



1400 N (with d = 12)
2000 N (with d = 14)

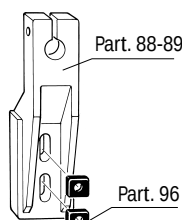


2500 N

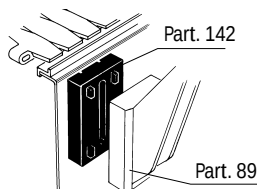
Tests performed at tightening torque : 0,6 Kgm

• **Accessories**

Square washer Part. 96, see page 111.
Applicable to Part. 88-89 distributes force from tightening over larger area.



Spacer Part. 142, see page 110.
Applicable to Part. 89

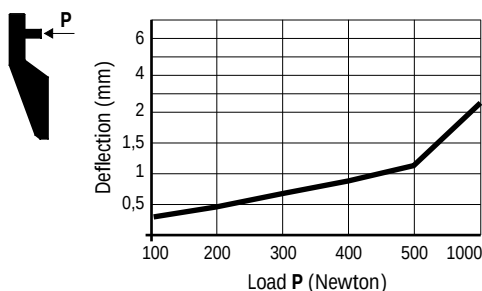


• **Assembly of drip tray support** Part. 226-336, see page 112

Part. 88 and 89 permit application of drip tray support.



• **Deflection** of Part. 89



• **Technical data** Part. 89

- Sliding load resistance :

- Breaking load :



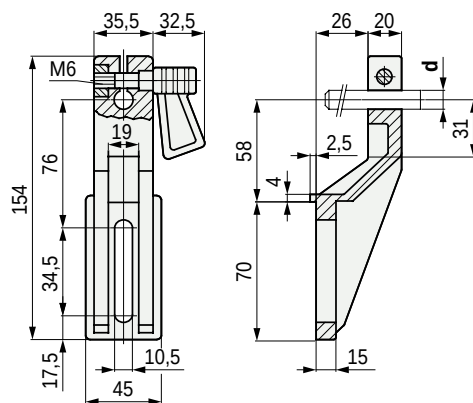
1450 N (with d = 12)
1300 N (with d = 14)
1100 N (with d = 16)



2700 N

Tests performed at tightening torque : 0,6 Kgm

■ **Bracket with ratchet handle clamping**



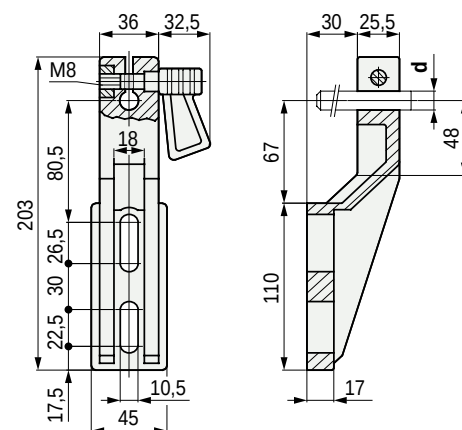
Part.	Material	Pin dia d mm	Code	Weight kg
88	Polyamide PA (black)	12	50730	0,15
		14	50740	

- Ratchet lever material : grip in acetal POM (black), threaded shank in stainless steel AISI 303, fixing nut in nickel plated brass.
- Max recommended tightening torque : 0,6 Kgm.
- Packaging : 50 pieces.

Part. 88



■ **Bracket with ratchet handle clamping**



Part.	Material	Pin dia d mm	Code	Weight kg
89	Polyamide PA (black)	12	69705	0,22
		14	50750	
		16	50760	

- Ratchet lever material : grip in acetal POM (black), threaded shank in stainless steel AISI 303, fixing nut in nickel plated brass.
- Max recommended tightening torque : 0,6 Kgm.
- Packaging : 50 pieces.

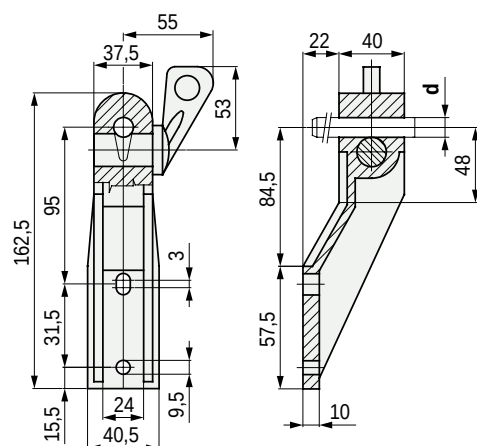
Part. 89



Part. 85



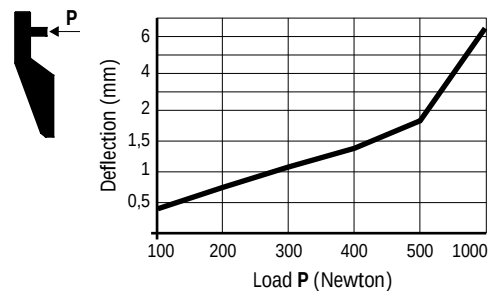
Bracket with eccentric lever



Part.	Material	Pin dia. d mm	Code	Weight kg
85	Reinforced polypropylene PP FV (black)	12	50810	0,13
		14	50820	

- Packaging : 50 pieces.

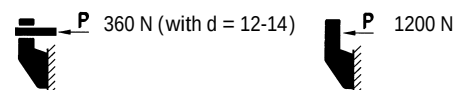
Deflection of Part. 85



Technical data Part. 85

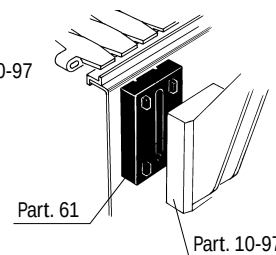
- Sliding load resistance :

- Breaking load :



Accessories

Spacer Part. 61,
see page 110.
Applicable to Part. 10-97



Assembly of drip tray support Part. 226-336, see page 112

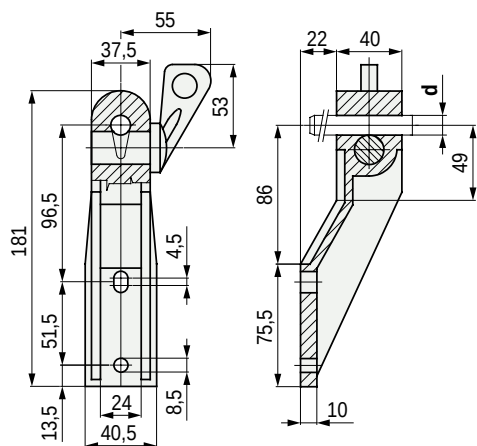
Part. 85-10-97 permit application of drip tray support.



Part. 10-97



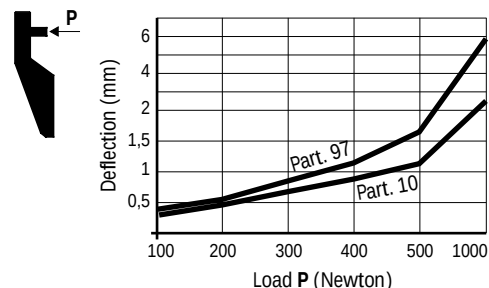
Bracket with eccentric lever



Part.	Material	Pin dia. d mm	Code	Weight kg
10	Reinforced polyamide PA FV (black)	14	50840	0,14
97	Reinforced polypropylene PP FV (black)	12	50850	0,14
		14	50860	

- Packaging : 50 pieces.

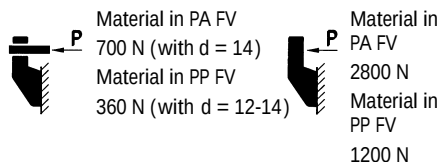
Deflection of Part. 10-97



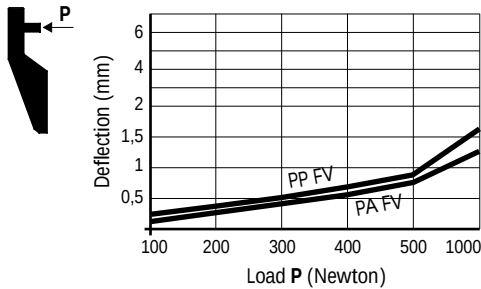
Technical data Part. 10-97

- Sliding load resistance :

- Breaking load :



• Deflection of Part. 107



• Technical data Part. 107

- Sliding load resistance :

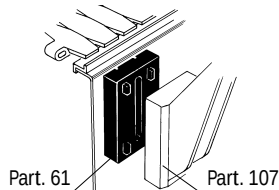
- Breaking load :

Material in PA FV	Material in PA FV
2000 N (with d = 12)	4500 N
3200 N (with d = 14)	
Material in PP FV	Material in PP FV
1300 N (with d = 12)	3300 N
1700 N (with d = 14)	

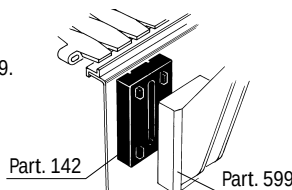
Tests performed at tightening torque : 4 Kgm

• Accessories

Spacer Part. 61,
see page 110.
Applicable to Part. 107.

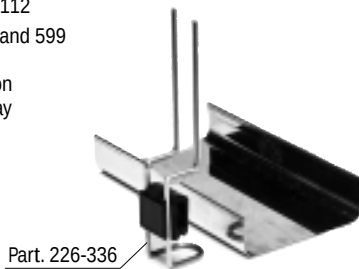


Spacer Part. 142,
see page 110.
Applicable to Part. 599.

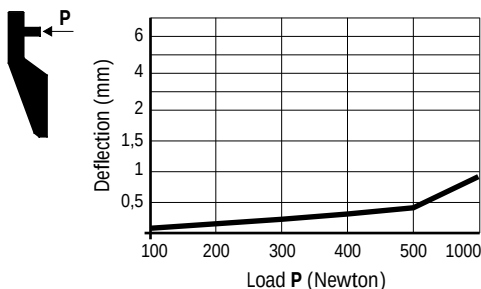


• Assembly of drip tray support Part. 226-336,
see page 112

Part. 107 and 599
permit
application
of drip tray
support.



• Deflection of Part. 599



• Technical data Part. 599

- Sliding load resistance :

- Breaking load :

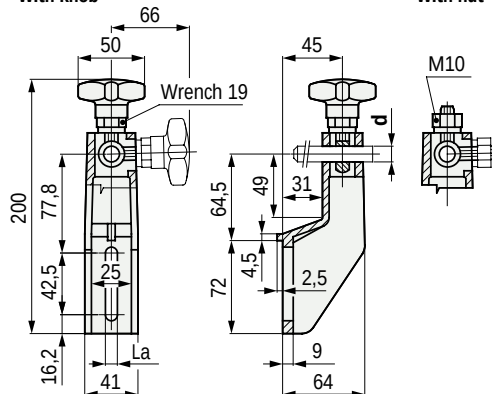
2000 N (with d = 12)	3000 N
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Tests performed at tightening torque : 4 Kgm

■ Bracket with eyebolt

With knob

With nut



Part.	Material	Pin dia. d mm	Code	Weight kg
-------	----------	---------------------	------	--------------

• With knob

Reinforced polyamide	12	50710	68200	
PA FV (black)	14	67811	67821	
Reinforced polypropylene	12	59121*	59131*	0,15
PP FV (black)	14	67831*	67841*	

• With nut

Reinforced polyamide	12	57341*	57351	
PA FV (black)	14	67771*	67781	
Reinforced polypropylene	12	59141	59151*	0,15
PP FV (black)	14	67791	67801	

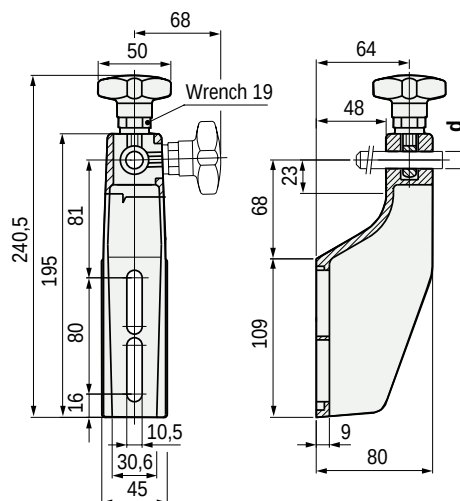
• = Knob supplied without hexagonal nut for wrench 19 mm (economical version).

- Material : knob in reinforced polyamide (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, tightening nut and eyebolt in stainless steel AISI 304.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 50 pieces.

Part. 107



■ Bracket with eyebolt



Part.	Material	Pin dia. d mm	Code	Weight kg
-------	----------	---------------------	------	--------------

Reinforced polyamide	12	613572	0,11
PA FV (black)			

- Material : knob in reinforced polyamide (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, tightening nut and eyebolt in stainless steel AISI 304.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 50 pieces.

Part. 599

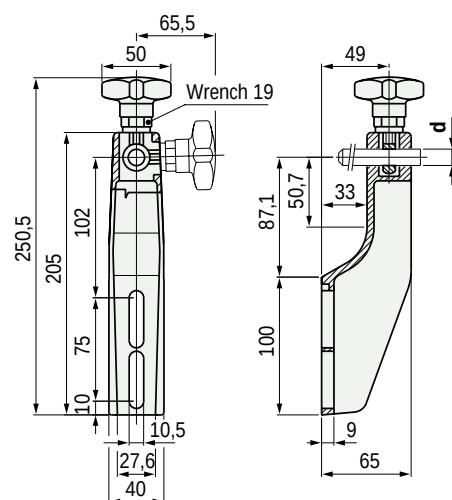


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 617



Bracket with eyebolt



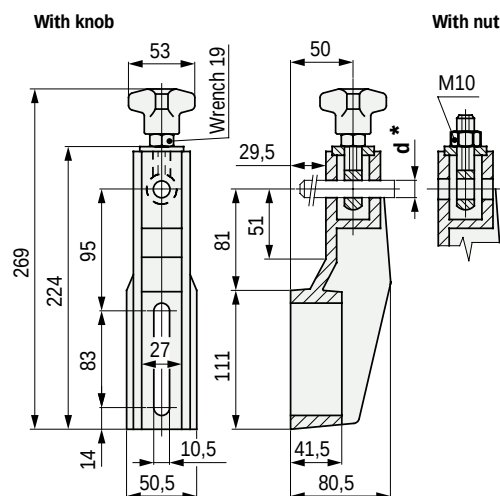
Part.	Material	Pin dia. d mm	Code	Weight kg
617	Reinforced polyamide PA FV (black)	12	613562	0,18

- Material : knob in reinforced polyamide (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, tightening nut and eyebolt in stainless steel AISI 304.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 50 pieces.

Part. 140



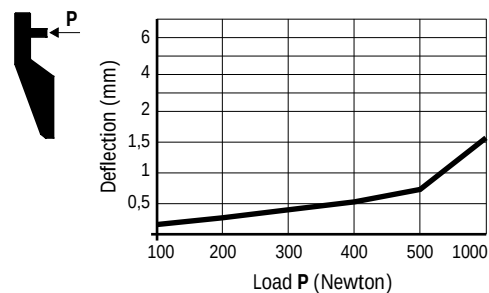
Bracket with eyebolt



Part.	Pin dia. d * mm	Version	Code	Weight kg
140	14÷16	with knob	66690	0,47
		with nut	57421	0,47

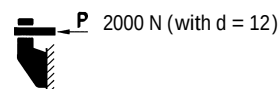
- * = The bracket can be used with $\varnothing$ 14 and $\varnothing$ 16 mm pins.
- Material : bracket and knob in reinforced polyamide (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, tightening nut and eyebolt in stainless steel AISI 304.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

Deflection of Part. 617

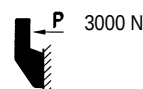


Technical data Part. 617

- Sliding load resistance :



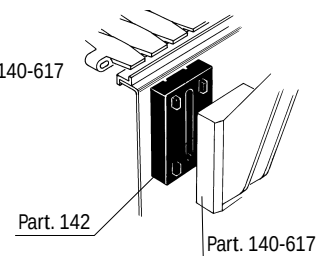
- Breaking load :



Tests performed at tightening torque : 4 Kgm

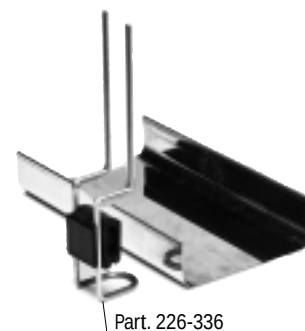
Accessories

Spacer Part. 142,
see page 110.
Applicable to Part. 140-617

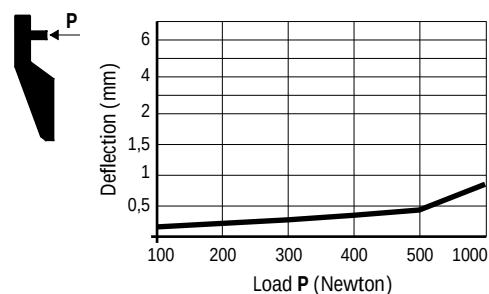


Assembly of drip tray support Part. 226-336, see page 112

Part. 140 - 617 permit application of drip tray support.

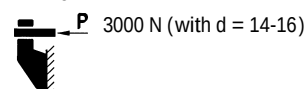


Deflection of Part. 140

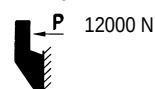


Technical data Part. 140

- Sliding load resistance :

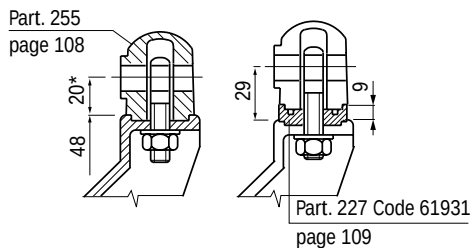


- Breaking load :



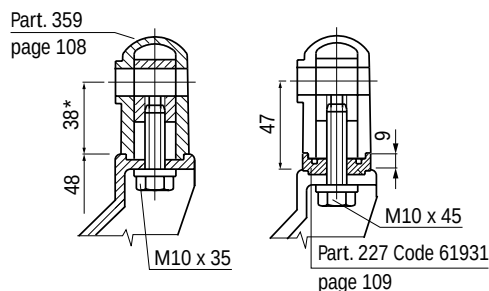
Tests performed at tightening torque : 4 Kgm

• **Assembly with swivel head Part. 255**



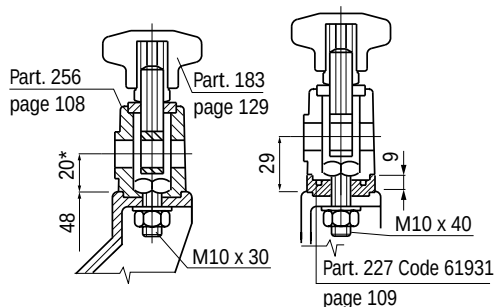
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

• **Assembly with swivel head Part. 359**



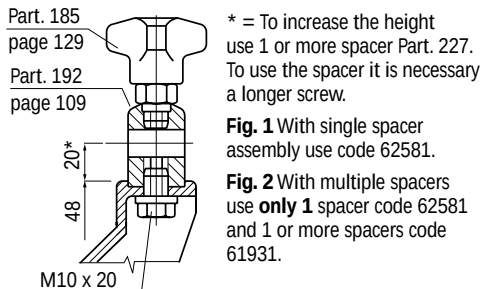
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

• **Assembly with swivel head Part. 256**



* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

• **Assembly with swivel head Part. 192**



* = To increase the height use 1 or more spacer Part. 227. To use the spacer it is necessary a longer screw.

Fig. 1 With single spacer assembly use code 62581.

Fig. 2 With multiple spacers use **only 1** spacer code 62581 and 1 or more spacers code 61931.

Fig. 1

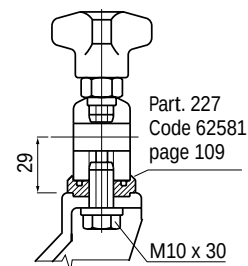
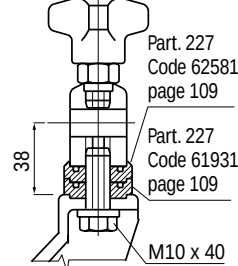
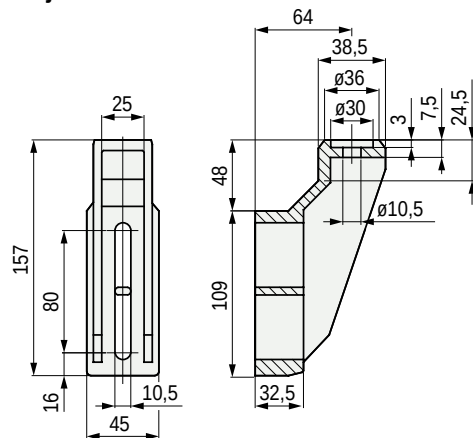


Fig. 2



■ **Adjustable bracket**



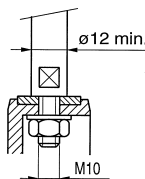
Part.	Material	Code	Weight kg
193	Reinforced polyamide PA FV (black)	69700	0,21

- Packaging : 50 pieces.

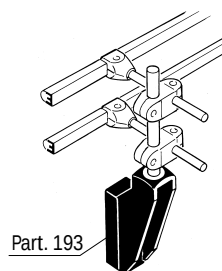
Part. 193



• **Pin dimensions for Part. 193**

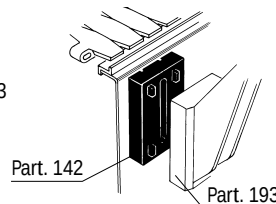


• **Assembly of Part. 193**



• **Accessories**

Spacer Part. 142, see page 110.
Applicable to Part. 193

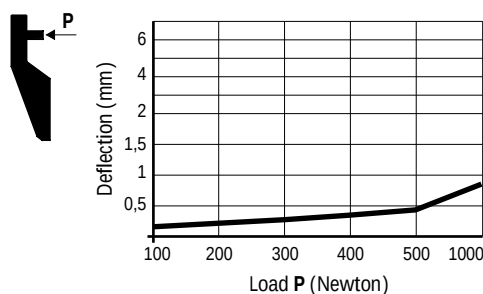


• **Assembly of drip tray support Part. 226-336, see page 112**

Part. 193 permit application of drip tray support.

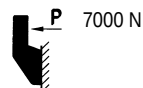


• **Deflection of Part. 193**



• **Technical data Part. 193**

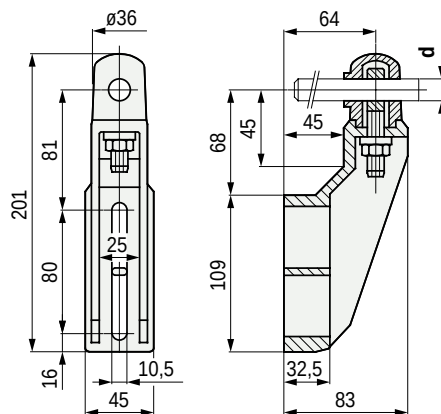
- Breaking load :



Part. 163



Adjustable bracket



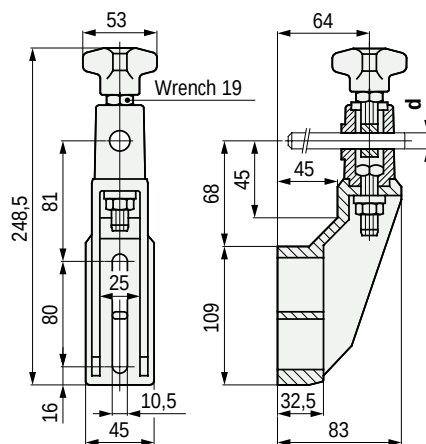
Part.	Material	Pin dia. d mm	Code	Weight kg
163	Reinforced polyamide PA FV (black)	12	69640	0,30
		14	69650	
		16	59031	

- Material : swivel head in reinforced polyamide (black), tightening nut and eyebolt in stainless steel AISI 304.
- Operation : by untightening the nut, the position of the top and the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 50 pieces.

Part. 257



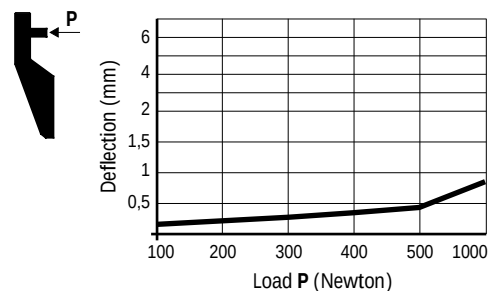
Adjustable bracket



Part.	Material	Pin dia. d mm	Code	Weight kg
257	Reinforced polyamide PA FV (black)	12	64591	0,40
		14	64601	
		16	64611	

- Material : swivel head and knob in reinforced polyamide PA FV (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, eyebolt and tightening nuts/bolt in stainless steel AISI 304.
- Operation : by untightening the bolt, the position of the top can be adjusted.
By untightening the knob, the position of the pin can be adjusted
- Max recommended tightening torque : 4 Kgm.
- Packaging : 50 pieces.

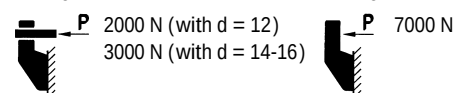
Deflection of Part. 163-257



Technical data Part. 163-257

- Sliding load resistance :

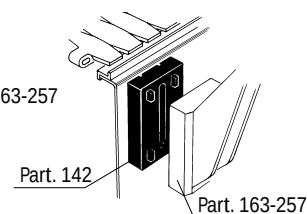
- Breaking load :



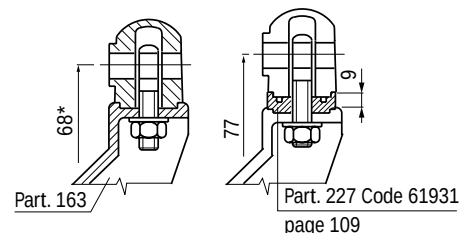
Tests performed at tightening torque : 4 Kgm

Accessories

Spacer Part. 142,
see page 110.
Applicable to Part. 163-257

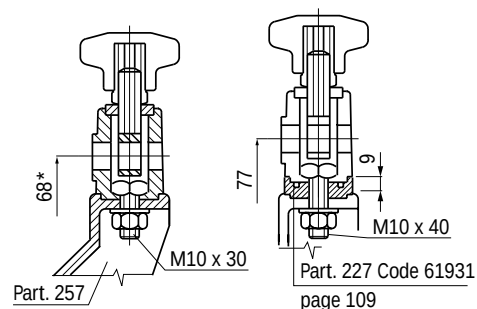


Spacer Part. 227, see page 109. Applicable to Part. 163



* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

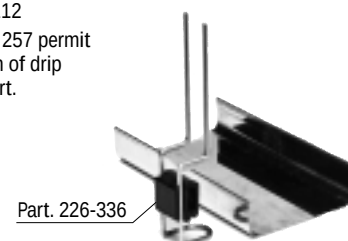
Spacer Part. 227, see page 109. Applicable to Part. 257



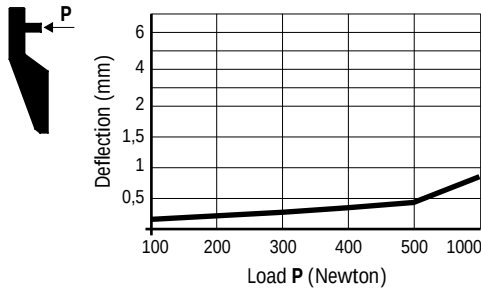
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

Assembly of drip tray support Part. 226-336, see page 112

Part. 163 - 257 permit
application of drip
tray support.



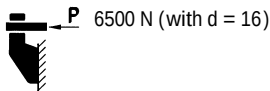
• **Deflection** of Part. 178



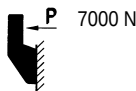
• **Technical data** Part. 178

- Sliding load resistance :

- Breaking load :



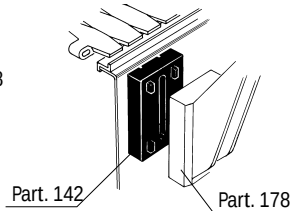
6500 N (with d = 16)



7000 N

• **Accessories**

Spacer Part. 142,
see page 110.
Applicable to Part. 178



Spacer Part. 227, see page 109. Applicable to Part. 178

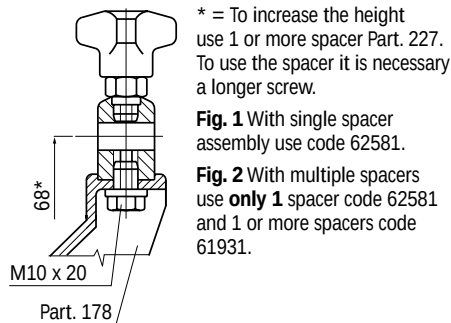


Fig. 1

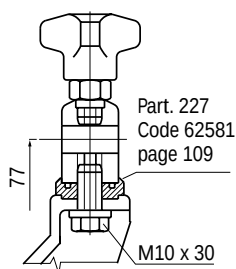
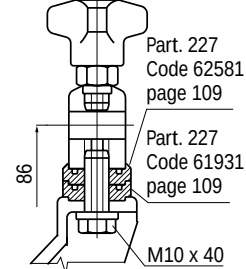
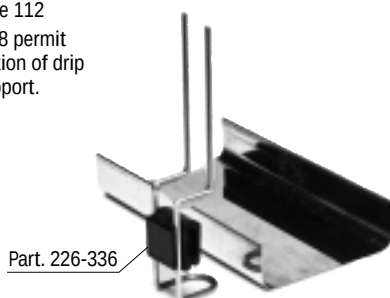


Fig. 2

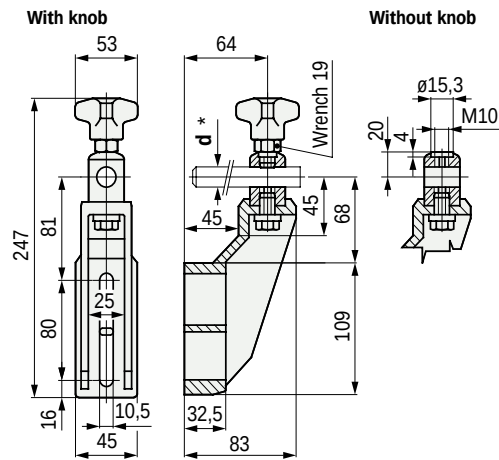


• **Assembly of drip tray support** Part. 226-336, see page 112

Part. 178 permit application of drip tray support.



■ **Adjustable bracket**



Part.	Swivel head material	Pin dia. d * mm	Code	Weight kg
• With knob				
178	Stainless steel AISI 303 Nickel plated brass	14 to 16	53111 60963	0,50
• Without knob				
178	Stainless steel AISI 303 Nickel plated brass	14 to 16	53121 60973	0,50

* = The bracket can be used with dia. 14 and dia. 16 mm pins.

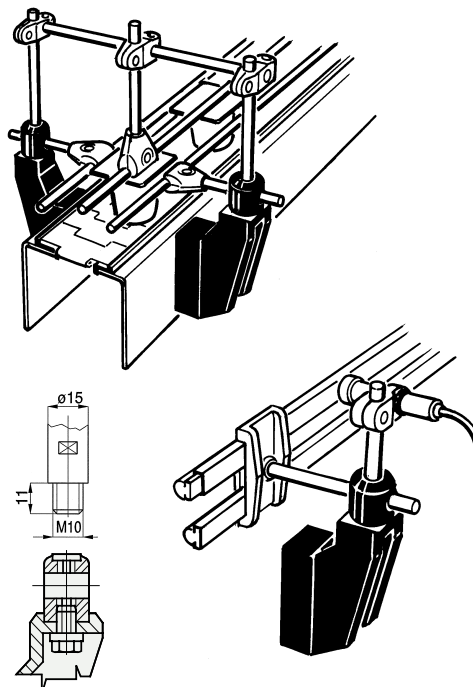
- Material : bracket and knob in reinforced polyamide PA FV (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, tightening nuts/bolt in stainless steel AISI 304.
- Operation : by untightening the bolt, the position of the top can be adjusted.
- By untightening the knob, the position of the pin can be adjusted
- Max recommended tightening torque : 4 Kgm.
- Packaging : 50 pieces.

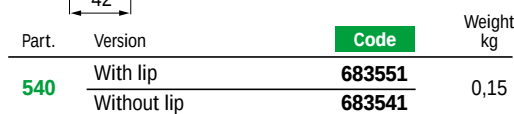
Part. 178



Stainless steel and brass swivel head

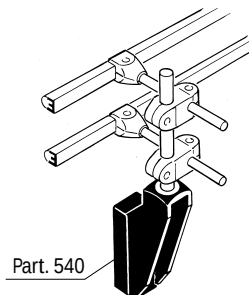
• **Assembly of Part. 178 (version without knob)**



Part. 256
page 108

Part. 185	
page 129	
Part. 192	
page 109	

M10 x 40



40

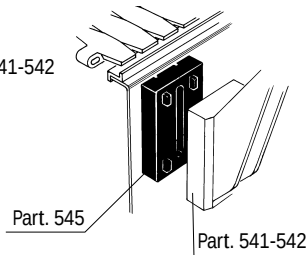
Part. 545

Part. 540

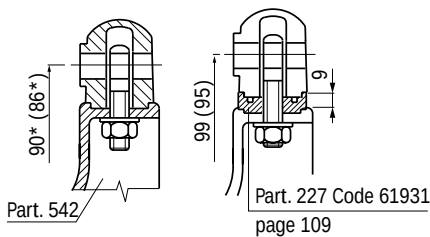
Part. 226-336

• **Accessories**

Spacer Part. 545,
see page 111.
Applicable to Part. 541-542

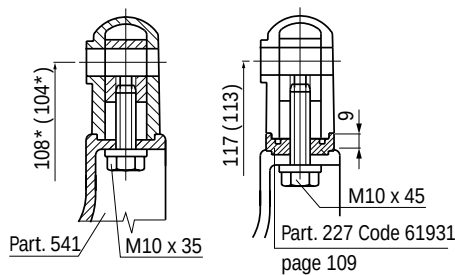


Spacer Part. 227, see page 109. Applicable to Part. 542



* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

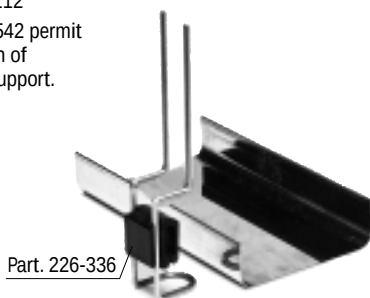
Spacer Part. 227, see page 109. Applicable to Part. 541



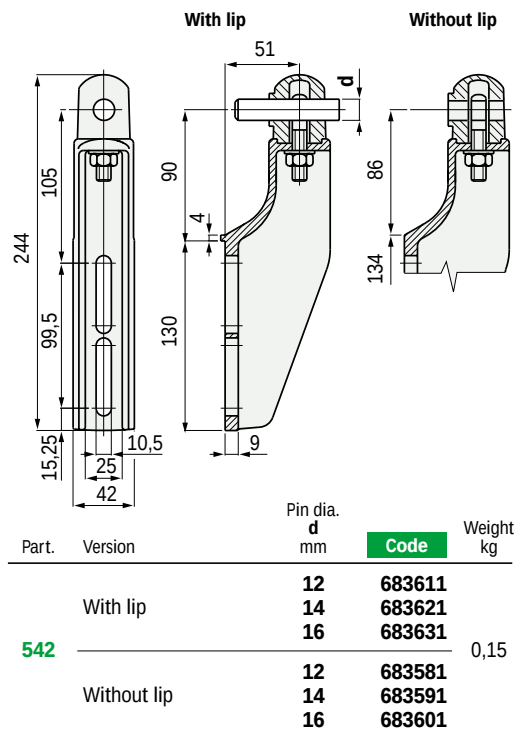
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

• **Assembly of drip tray support** Part. 226-336, see page 112

Part. 541-542 permit application of drip tray support.



■ **Adjustable bracket**

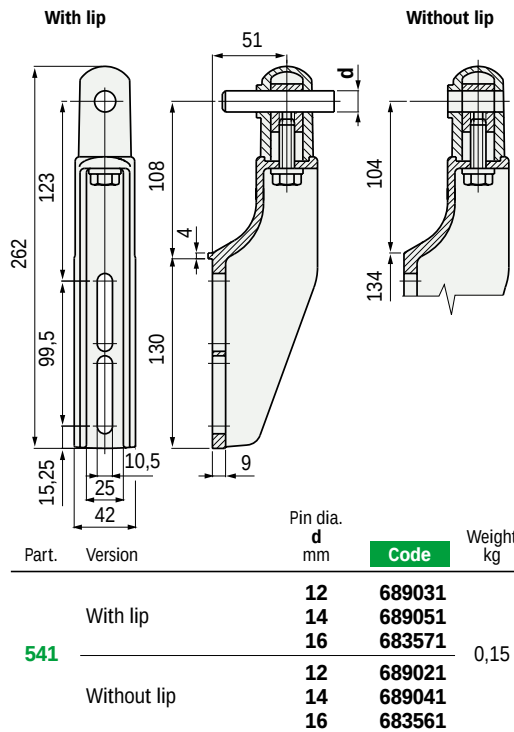


- Material : bracket and swivel head in reinforced polyamide (black), tightening nut and eyebolt in stainless steel AISI 304.
- Operation : by untightening the nut, the position of the top and the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

Part. 542



■ **Adjustable bracket**



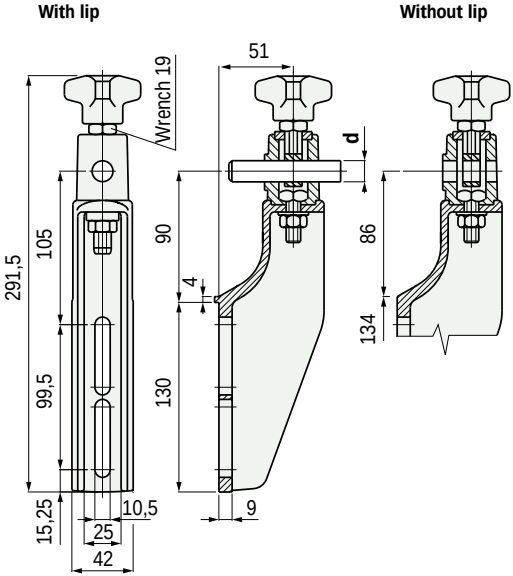
- Material : bracket and swivel head in reinforced polyamide (black), eyebolt in nickel plated brass, tightening nut in stainless steel AISI 304.
- Operation : by untightening the nut, the position of the top and the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

Part. 541



Part. 544

Adjustable bracket

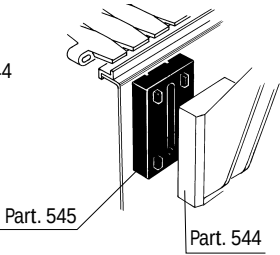


Part.	Version	Pin dia. d mm	Code	Weight kg
544	With lip	12	683731	0,15
		14	683741	
		16	683751	
	Without lip	12	683701	
		14	683711	
		16	683721	

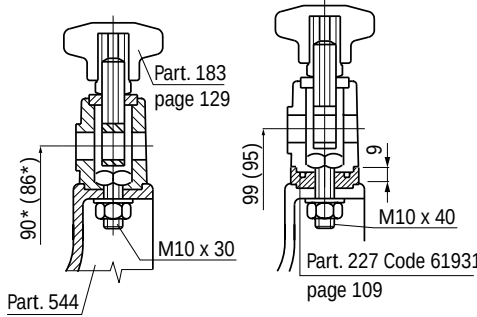
- Material : bracket, swivel head and knob in reinforced polyamide PA FV (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, eyebolt and tightening nuts/bolt in stainless steel AISI 304.
- Operation : by untightening the bolt, the position of the top can be adjusted.
By untightening the knob, the position of the pin can be adjusted
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

Accessories

Spacer Part. 545,
see page 111.
Applicable to Part. 544



Spacer Part. 227, see page 109. Applicable to Part. 544



* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

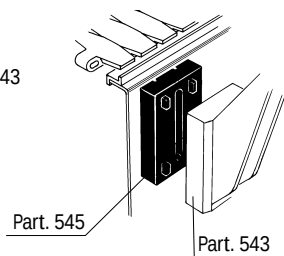
Assembly of drip tray support Part. 226-336, see page 112

Part. 544 permit
application of
drip tray support.



• **Accessories**

Spacer Part. 545,
see page 111.
Applicable to Part. 543



Spacer Part. 227, see page 109. Applicable to Part. 543

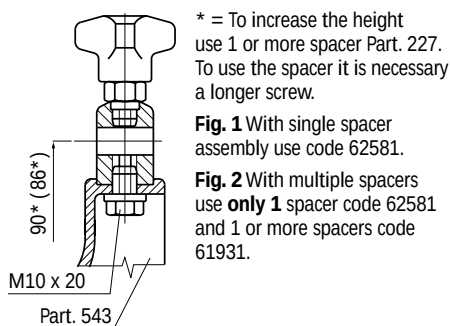


Fig. 1

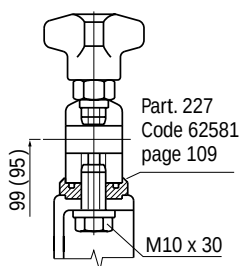
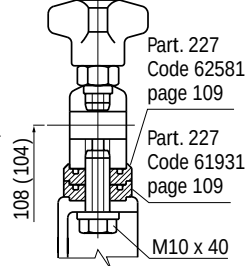
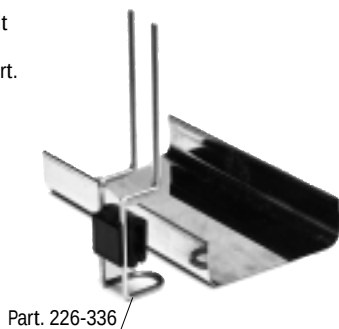


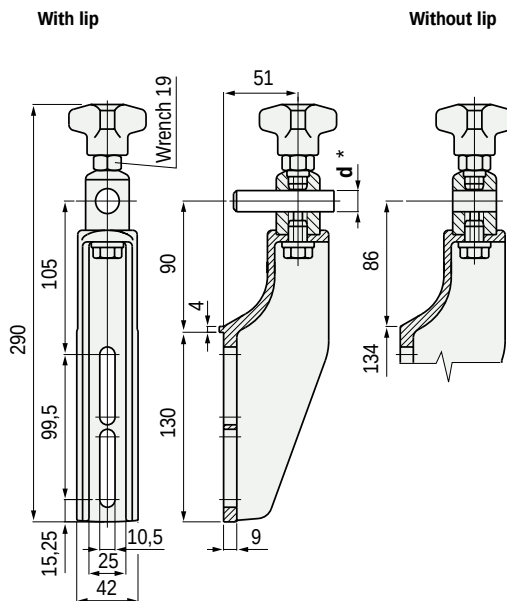
Fig. 2



- **Assembly of drip tray support** Part. 226-336, see page 112
Part. 543 permit application of drip tray support.



■ **Adjustable bracket**



Part.	Swivel head material	Pin dia. d * mm	Code	Weight kg
• With lip				
543	Stainless steel AISI 303 Nickel plated brass	14 to 16	683671 683691	0,15
• Without lip				
543	Stainless steel AISI 303 Nickel plated brass	14 to 16	683641 683661	0,15

- * = The bracket can be used with dia. 14 and dia. 16 mm pins.
- Material : bracket and knob in reinforced polyamide PA FV (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, tightening nuts/bolt in stainless steel AISI 304.
- Operation : by untightening the bolt, the position of the top can be adjusted.
- By untightening the knob, the position of the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

Part. 543



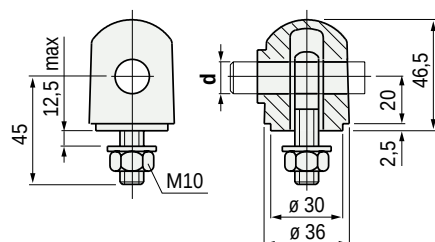
Stainless steel and brass swivel head

Accessories

Part. 255



■ Swivel head



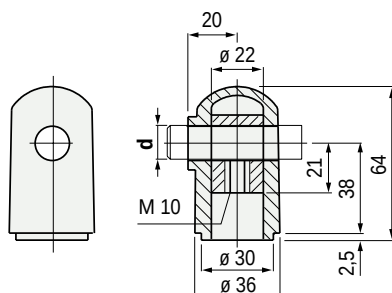
Part.	Material	Pin dia. d mm	Code	Weight kg
255	Reinforced polyamide PA FV (black)	12	69670	0,08
		14	69680	
		16	59041	

- Material : tightening nut and eyebolt in stainless steel AISI 304.
- Packaging : 50 pieces.

Part. 359



■ Swivel head



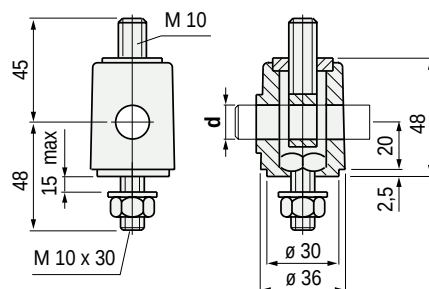
Part.	Material	Pin dia. d mm	Code	Weight kg
359	Reinforced polyamide PA FV (black)	12	684501	0,10
		14	684511	
		16	64235	

- Material : eyebolt in nickel plated brass.
- Packaging : 50 pieces.

Part. 256



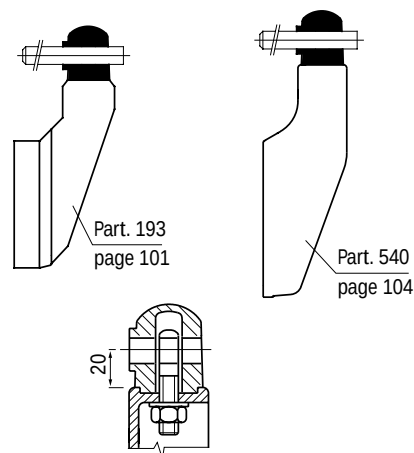
■ Swivel head



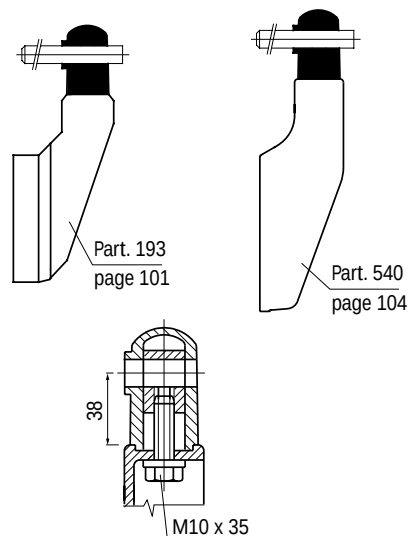
Part.	Material	Pin dia. d mm	Code	Weight kg
256	Reinforced polyamide PA FV (black)	12	64561	0,12
		14	64571	
		16	64581	

- Material : tightening nut and eyebolt in stainless steel AISI 304.
- Packaging : 50 pieces.

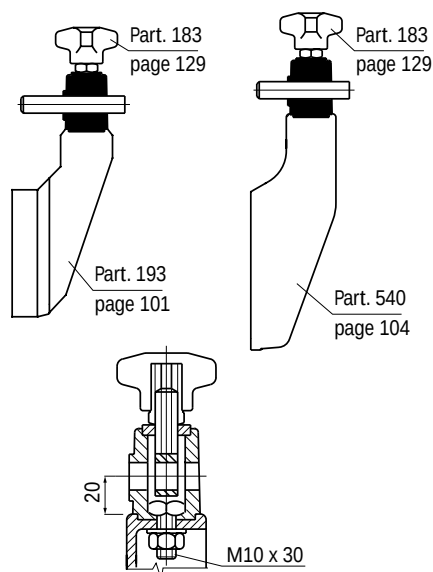
- Assembly of Part. 255
Applicable to brackets Part. 193-540



- Assembly of Part. 359
Applicable to brackets Part. 193-540

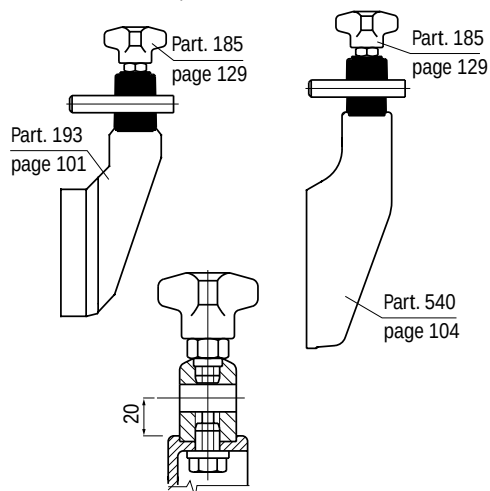


- Assembly of Part. 256
Applicable to brackets Part. 193-540 (in combination with knob Part. 183).



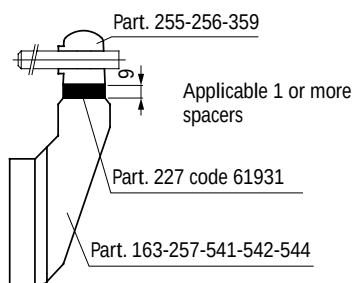
• **Assembly of Part. 192**

Applicable to brackets Part. 193-540 (in combination with knob Part. 185).



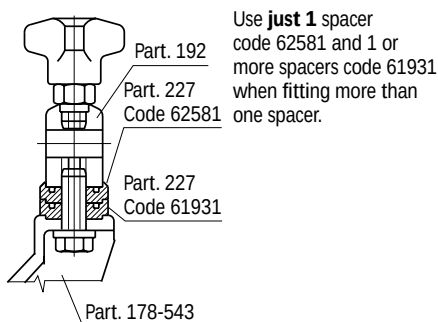
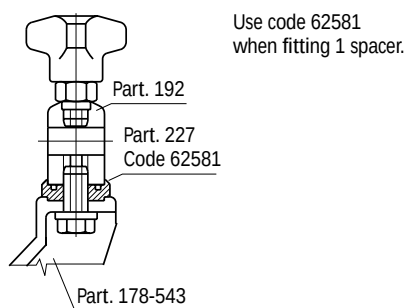
• **Assembly of Part. 227 code 61931**

- Applicable to adjustable brackets Part. 163-257-541-542-544 and/or bearing heads Part. 255-256-359

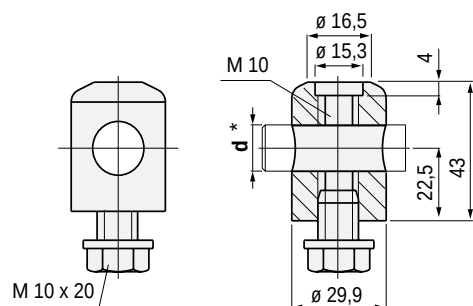


• **Assembly of Part. 227 code 62581**

- Applicable to adjustable brackets Part. 178-543 and/or bearing heads Part. 192



■ **Swivel head**



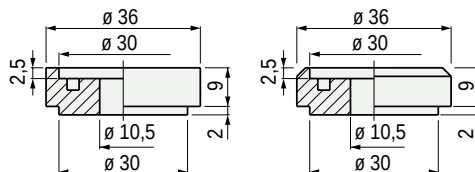
Part.	Material	Pin dia. d * mm	Code	Weight kg
192	Stainless steel AISI 303 Nickel plated brass	14 to 16	53091 60933	0,19

* = The bearing head can be used with dia. 14 and dia. 16 mm pins.
- Material : tightening bolt in stainless steel AISI 304.
- Packaging : 50 pieces.

■ **Spacer**

Code : **61931**

Code : **62581**



Part.	Use	Code	Weight kg
227	With any adjustable bracket or bearing head	61931	0,01
	For adjustable brackets Part. 178-543 or bearing head Part.192	62581	

- Material : reinforced polyamide PA FV (black).
- Packaging : 50 pieces.

Part. 192



In stainless steel and brass

Part. 227

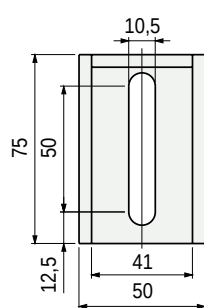


Accessories

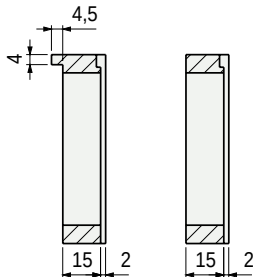
Part. 61



■ Spacer
With lip



Without lip

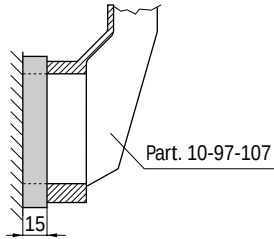


Part.	Version	Code	Weight kg
61	With lip	66194	0,04
	Without lip	50870	

- Material : reinforced polyamide PA FV (black).
- Packaging : 50 pieces.

- Assembly of Part. 61
Applicable to Part. 10-97-107

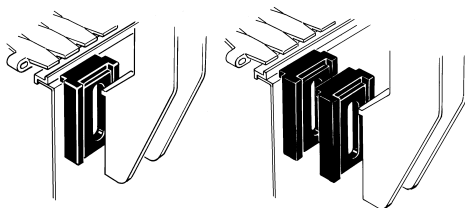
Applicable with 1
or more spacers



Advantages of version with lip :

Possibility of resting
on side of conveyor
frame.

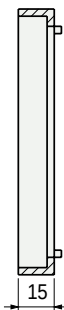
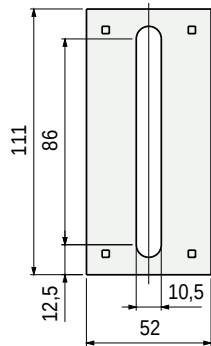
Possibility of assembling
several spacers,
all centred.



Part. 142



■ Spacer

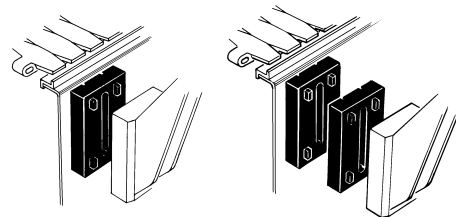
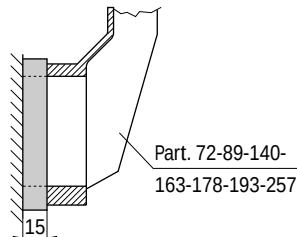


Part.	Code	Weight kg
142	65870	0,06

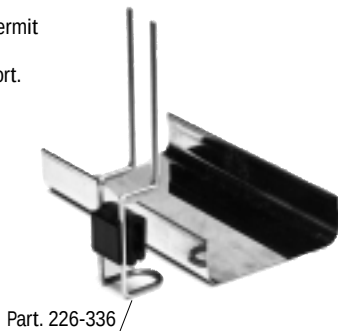
- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

- Assembly of Part. 142
Applicable to Part. 72-89-140-163-178-193-257

Applicable with 1
or more spacers



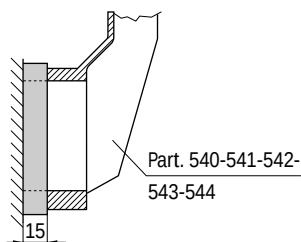
- Assembly of drip tray support Part. 226-336,
see page 112
Part. 61-142 permit
application of
drip tray support.



• **Assembly of Part. 545**

Applicable to Part. 540-541-542-543-544

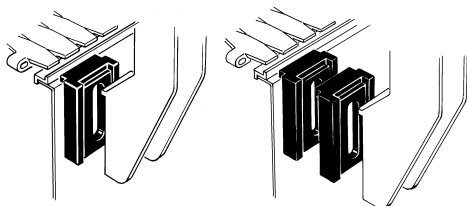
Applicable with 1
or more spacers



Advantages of version with lip :

Possibility of resting
on side of conveyor
frame.

Possibility of assembling
several spacers,
all centred.



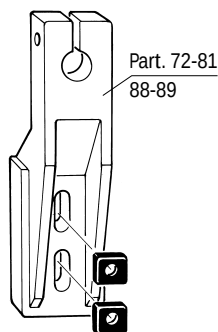
• **Assembly of drip tray support** Part. 226-336,
see page 112

Part. 545 permit
application of
drip tray support.

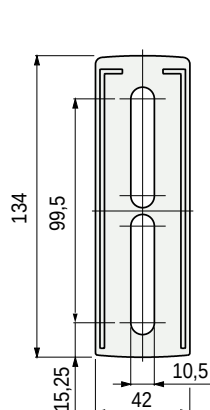


• **Assembly of Part. 96**

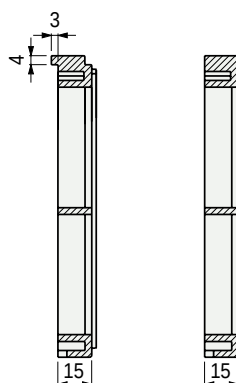
Applicable to Part. 72-81-88-89
distributes force from
tightening over larger
area.



■ **Spacer**
With lip



Without lip



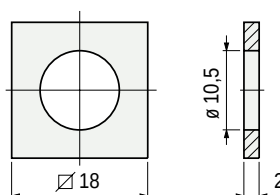
Part.	Version	Code	Weight kg
545	With lip	683771	0,04
	Without lip	683761	

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

Part. 545



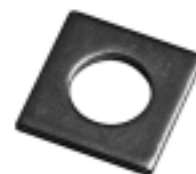
■ **Square washer**



Part.	Code
96	51550

- Material : stainless steel AISI 304.
- Packaging : 200 pieces.

Part. 96



Accessories

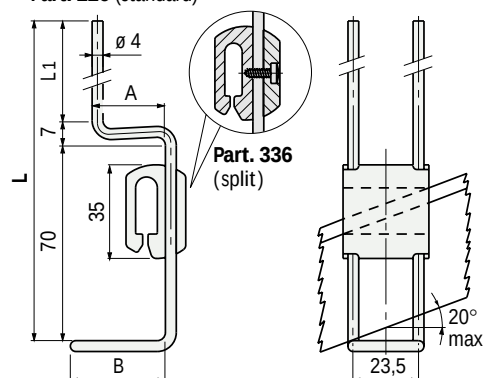
Part. 226 - 336



Bent rod

■ Drip tray support

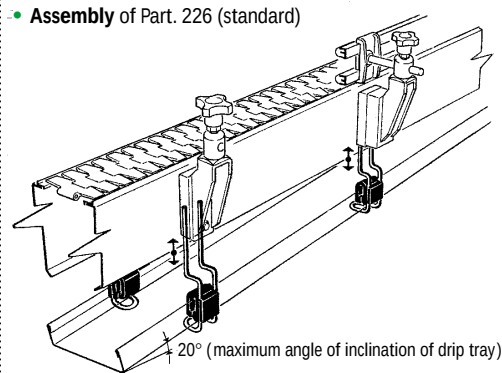
Part. 226 (standard)



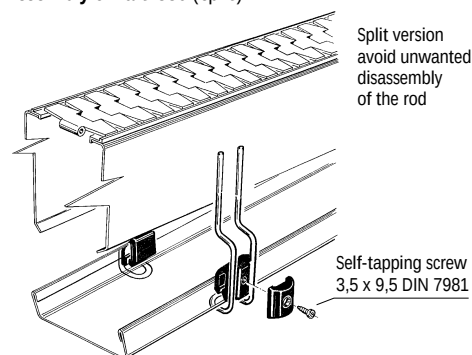
Height L mm	L1 mm	A mm	B mm	Code		Weight kg
				Part. 226 Standard	Part. 336 Split	
180	103	14	35	67305N	697761N	0,06
		17	35	66772N	66823N	
		27	35	62071N	60574N*	
		27	50	67319N	697771N	
		57	50	641461N*	697781N*	
200	123	38	35	64681N*	697791N*	
230	153	27	35	64631N	697801N	
310	233	18	35	647551N	68299N	

- Material : body in reinforced polypropylene PP FV (black), support element in stainless steel AISI 304, self-tapping screw (only for Part. 336) in stainless steel.
 - Packaging : 100 pieces.

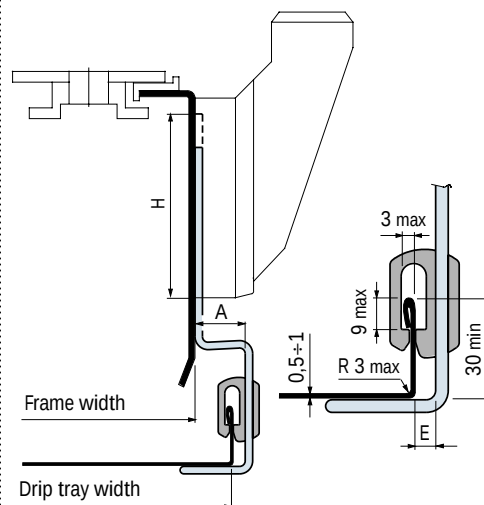
• Assembly of Part. 226 (standard)



• Assembly of Part. 336 (split)



• Drip tray design



$$\text{Drip tray width} = \text{Frame width} + 2 \cdot (A - E)$$

A = see table with codes

E = 10 mm for Part. 226 (standard)
 9,2 mm for Part. 336 (split)

Bracket Part.	Rod slot length H mm
81-88	70
72-89	102,5
85	53
10-97	71
107	72
599	104
140	106
617	95
163-193-178-257	103,5
540-541-542-543-544	123

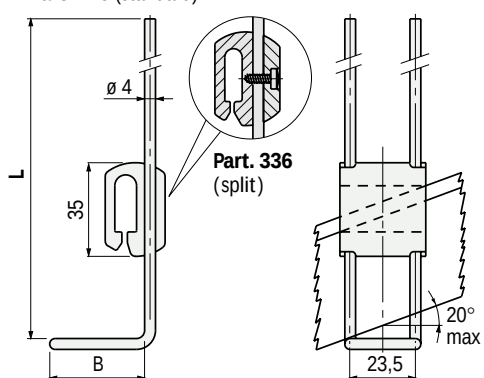
Part. 226 - 336



Straight rod

■ Drip tray support

Part. 226 (standard)



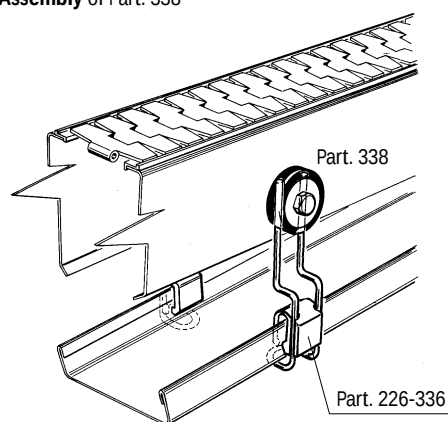
Height L mm	B mm	Code		Weight kg
		Part. 226 Standard	Part. 336 Split	
200	35	61767	697811	0,06

- Material : body in reinforced polypropylene PP FV (black), support element in stainless steel AISI 304, self-tapping screw (only for Part. 336) in stainless steel.
 - Packaging : 100 pieces.

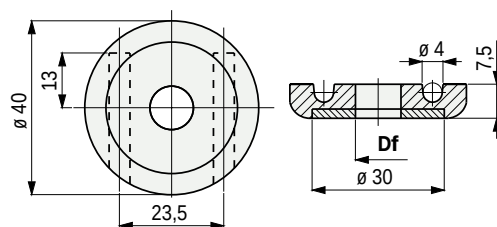
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 338

- Assembly of Part. 338



Mounting plate



Part.	Bore dia. Df mm	Code	Weight kg
338	9	67563	0,20
	10,5	67325	

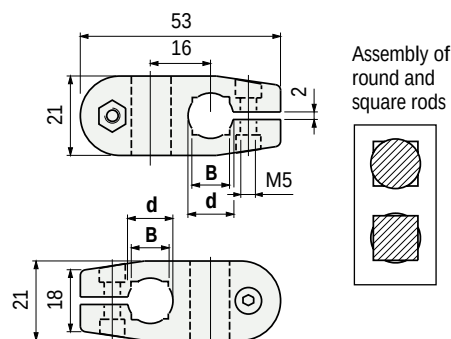
- Material : plate in reinforced polyamide (black), washer in stainless steel AISI 304.
- Packaging : 100 pieces.



Part. 340



■ Cross clamp



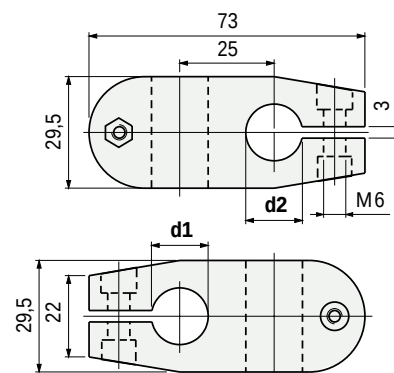
Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
340	Stainless steel AISI 304	10	8	68373	0,02
		12	10	68385	
		14	12	67375	
	Zinc plated steel	10	8	627031	
		12	10	627041	
		14	12	627051	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

Part. 174-174R



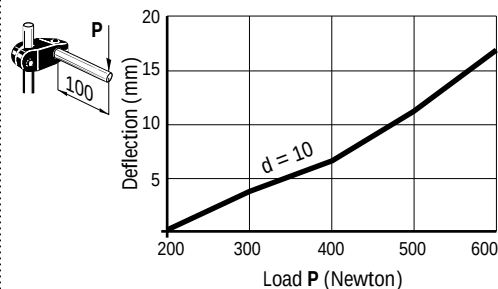
■ Cross clamp



Part.	Material	Rod dia. d1 mm	Rod dia. d2 mm	Code	Weight kg
174	Reinforced polyamide PA FV (black)	14	14	57941	0,07
			15	59291*	
			16	59301	
			18	59311	
		15	15	53791	
			16	59321*	
			18	59331	
		16	16	53781	
			18	59341	
		18	18	53771	
174R	Reinforced polyamide PA FV special (black)	15	15	61887	0,07
		18	18	64997	

- Material : tightening bolt in stainless steel AISI 304.
- Max recommended tightening torque : 1 Kgm (Part. 174); 1,5 Kgm (Part. 174 R).
- Packaging : 50 pieces.

• Deflection of Part. 340

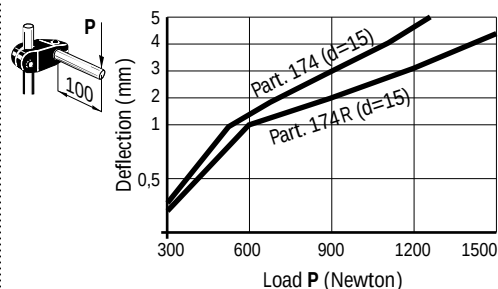


• Technical data Part. 340

- sliding load : 1200 N
- rotation load : 5 N/m

Tests performed at tightening torque : 0,5 Kgm

• Deflection of Part. 174-174R



• Technical data Part. 174

- sliding load : 2500 N (with d = 14-15-16)
2800 N (with d = 18)
- rotation load : 13 N/m

Tests performed at tightening torque : 1 Kgm

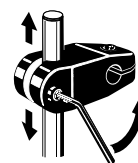
• Technical data Part. 174 R

- sliding load : 3500 N
- rotation load : 25 N/m

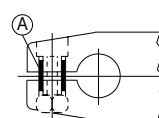
Tests performed at tightening torque : 1,5 Kgm

• Characteristics of Part. 174 R

It differs from Part. 174 in the use of a special material and a stiffening bush (spacer).

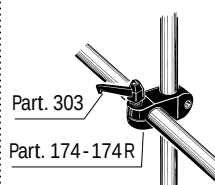


The increased elasticity of the material permits, once the bolts are untightened, the clamp to slide easily over the rod. Especially suitable for applications with frequent adjustment.



The spacers A (nickel plated brass) prevent breakage of clamp When bolts are tightened higher than max. recommended values. The resulting loads are absorbed by the spacers and not the body.

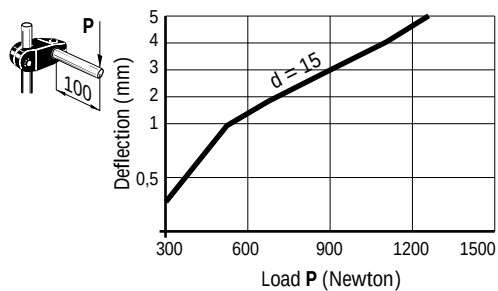
• Assembly of Part. 174-174 R with ratchet handle



Can be applied with the ratched handle Part. 303 (code 60922) instead of the standard hardware, see page 128.

* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• **Deflection** of Part. 174 Q

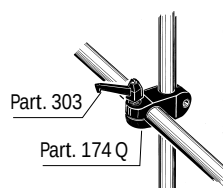


• **Technical data** Part. 174 Q

- sliding load : 2500 N (with d = 14-15-16)
2800 N (with d = 18)
- rotation load : 13 N/m

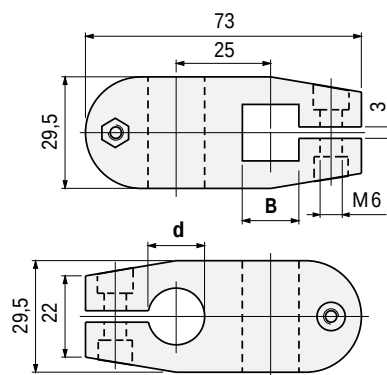
Tests performed at tightening torque : 1 Kgm

• **Assembly** of Part. 174 Q with ratchet handle



Can be applied with the ratched handle Part. 303 (code 60922) instead of the standard hardware, see page 128.

■ **Cross clamp**



Part.	Square rod B mm	Rod dia. d mm	Code	Weight kg
		14	59351	
		15	59361*	
174 Q	12	16	59371	0,07
		18	59381	

- Material : clamp in reinforced polyamide PA FV (black), tightening bolt in stainless steel AISI 304.
- Max recommended tightening torque : 1 Kgm.
- Packaging : 50 pieces.

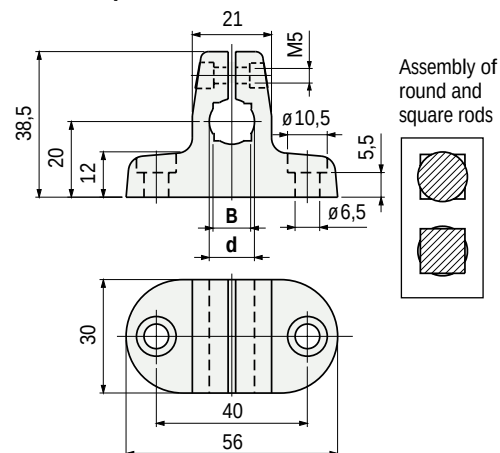
Part. 174 Q



Part. 339



T-clamp



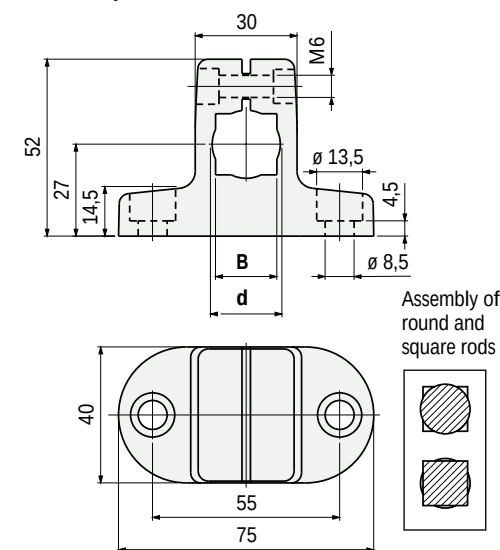
Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
339	Stainless steel AISI 304	10	8	68363	0,03
		12	10	68375	
		14	12	67365	
	Zinc plated steel	10	8	626001	
		12	10	627011	
		14	12	627021	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

Part. 595



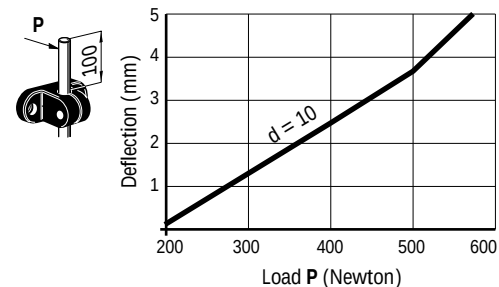
T-clamp



Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
595	Stainless steel AISI 304	16	14	610432	0,07
		18	16	610442	
		20	18	610452	
	Zinc plated steel	16	14	610462	
		18	16	610472	
		20	18	610482	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 50 pieces.

Deflection of Part. 339

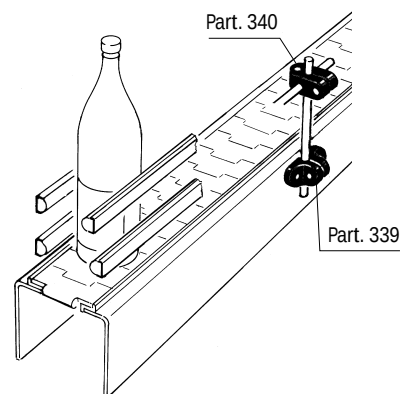


Technical data Part. 339

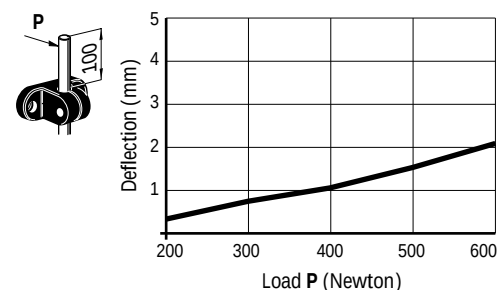
- sliding load : 650 N
- rotation load : 5 N/m
- Tests performed at tightening torque : 0,5 Kgm

Assembly of Part. 339

Can be used in combination with Part. 340



Deflection of Part. 595

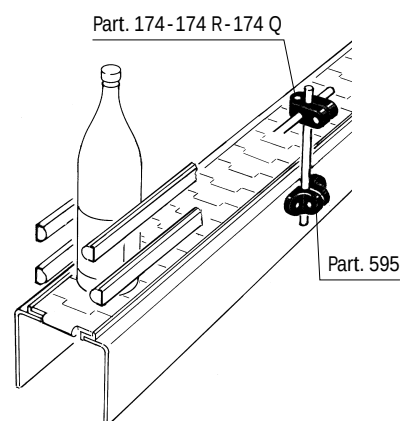


Technical data Part. 595

- sliding load : 600 N (with d = 16)
- 500 N (with d = 18-20)
- Tests performed at tightening torque : 1,5 Kgm

Assembly of Part. 595

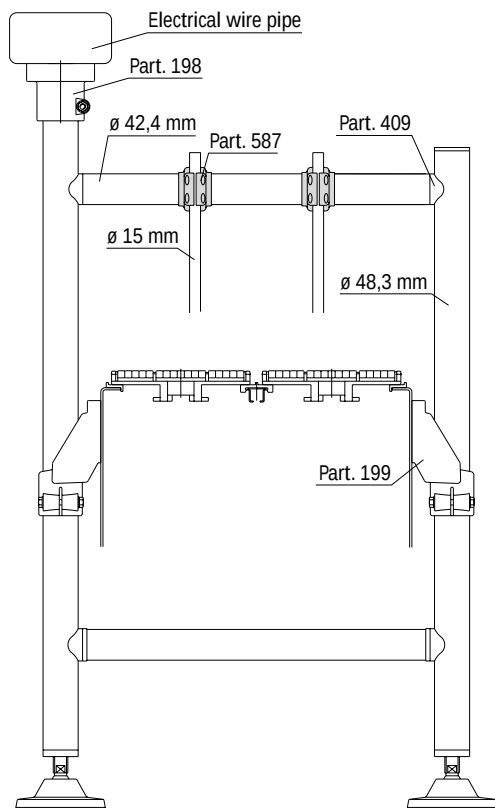
Can be used in combination with Part. 174-174 R-174 Q



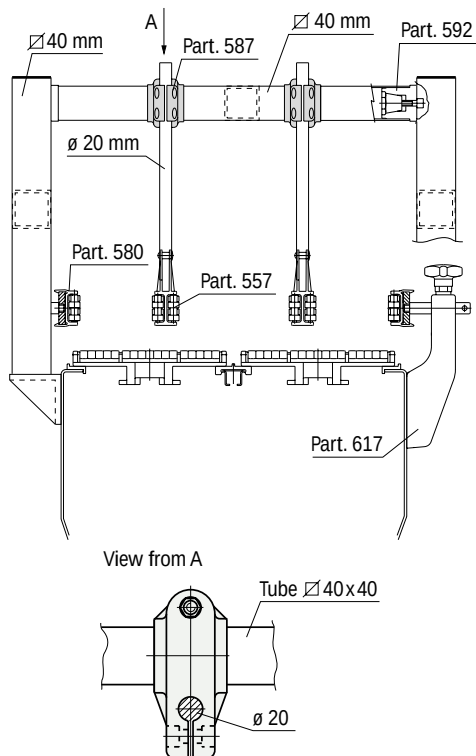
• **Characteristics of Part. 587**

The stiffness of Part. 587 makes them suitable for wide multistrand conveyors.

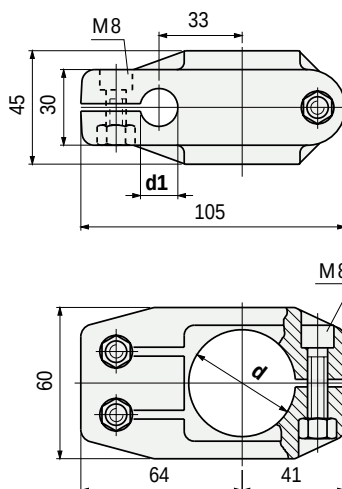
• **Use of Part. 587 (for round tubes)**



• **Use of Part. 587 (for square tubes)**



■ **Cross clamp**



Part.	Tube dia. d mm	Rod dia. d1 mm	Code	Weight kg
587	42,4 (1" 1/4)	15	56941N	0,18

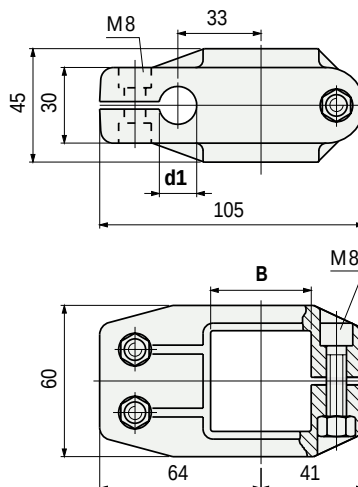
- Material : clamp in reinforced polyamide PA FV (black), tightening bolt in stainless steel AISI 304.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 100 pezzi.

Part. 587



Round bore

■ **Cross clamp**



Part.	Square tube B mm	Rod dia. d1 mm	Code	Weight kg
587	40x40	20	56951N	0,18

- Material : clamp in reinforced polyamide PA FV (black), tightening bolt in stainless steel AISI 304.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 100 pezzi.

Part. 587

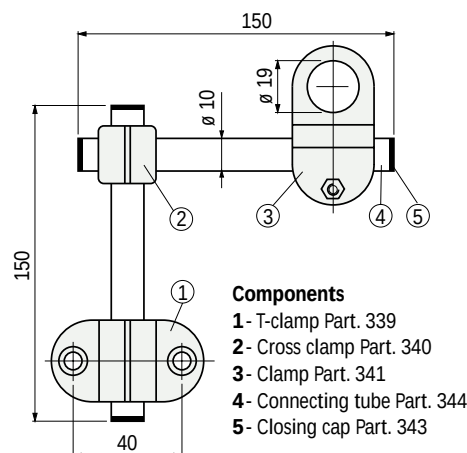


Square bore

Part. 342



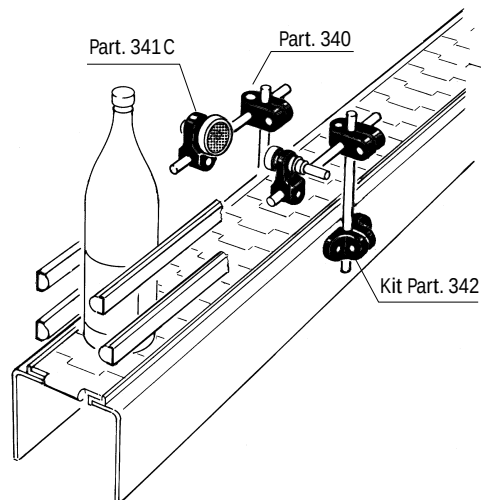
■ Assembly kit for photocells or sensors



Part.	Code	Weight kg
342	68923	0,14

- Material : clamps in reinforced polyamide PA FV (black), tightening bolt and connecting tubes in stainless steel AISI 304, closing caps in polypropylene.
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 Kit.

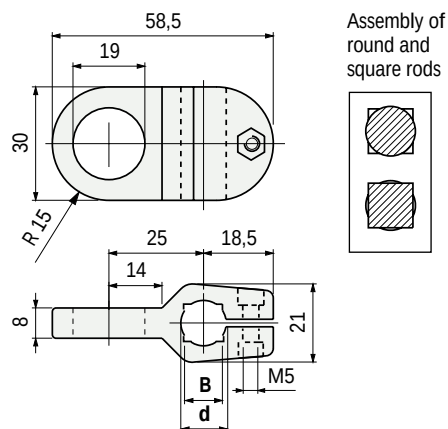
- **Assembly of Part. 342**
Dia. 18 mm photocells or sensors



Part. 341



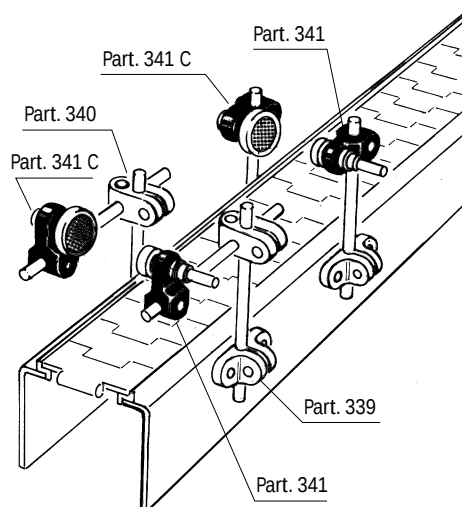
■ Clamp for photocells or sensors



Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
341	Stainless steel AISI 304	10	8	68383	0,02
		12	10	68395	
		14	12	67385	
	Zinc plated steel	10	8	627061	
		12	10	627071	
		14	12	627081	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

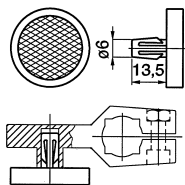
- **Assembly of Part. 341**
Dia. 18 mm photocells or sensors



• **Assembly of Part. 341 C**

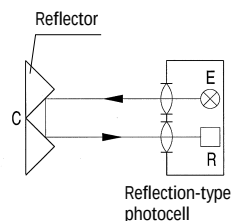
Types of reflectors that can be mounted :

Reflector with clip-on fixing pin: press-fit between clip and clamp hole.



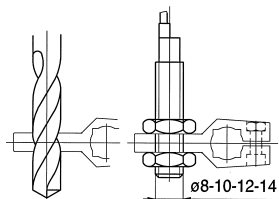
• **Operating principle**

The beam of light emitted by source E is reflected by reflector C and conveyed to receiver R. Reading is performed through interruption of the beam of light.

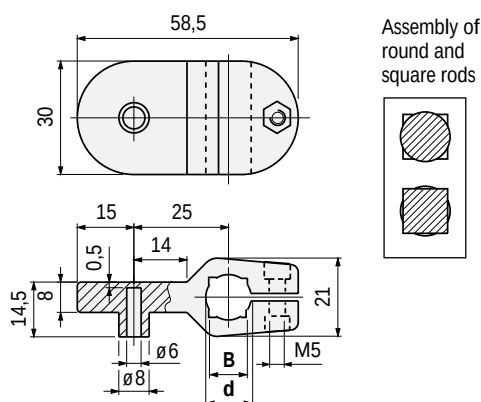


• **Assembly of photocells or sensors**

The clamp can also be drilled to hold dia. 8-10-12-14 mm photocells or sensors.



■ **Clamp for reflectors**



Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
		10	8	67215	
	Stainless steel AISI 304	12	10	69125	
		14	12	69135	
341 C					0,02
		10	8	627091	
	Zinc plated steel	12	10	627101	
		14	12	627111	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

Part. 341 C



■ **Connecting tube Ø 10 x 1/Closing cap**

Part.	Material	Code	Weight kg/m
344 - Tube	Stainless steel AISI 304	69713	0,23
343 - Cap	Polypropylene (black)	69703	—

- State of supply for Part. 344 : bars of 3 metres.
- Packaging : 30 metres (Part. 344), 200 pieces (Part. 343) .

Part. 343-344



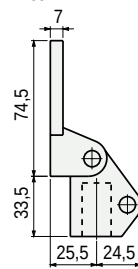
Part. 372



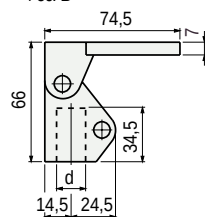
Universal clamp for photocells or reflectors

- Can be fitted in positions A - B - C

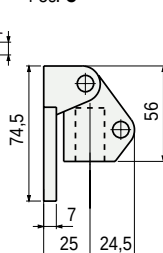
Pos. A



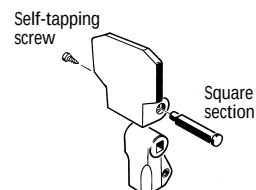
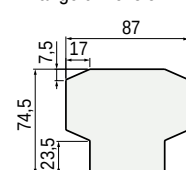
Pos. B



Pos. C



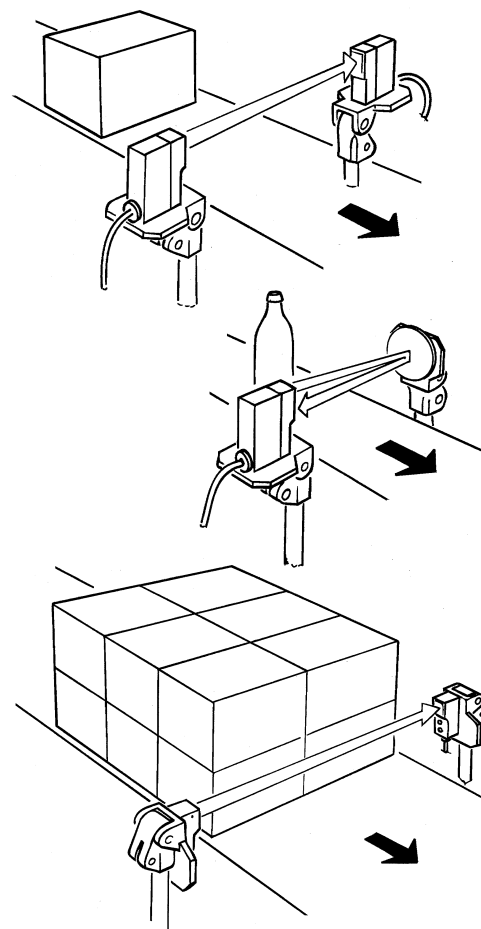
- Flange dimension



Part.	Rod dia. d mm	Code	Weight kg
	14	61786	
	15	61796	
372	16	61806	0,12
	18	61816	
	20	61826*	

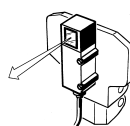
- Material : clamp in reinforced polyamide PA FV (black),
tightening bolt in stainless steel AISI 304.
- State of supply : already assembled in position A
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 50 pieces.

Assembly of Part. 372

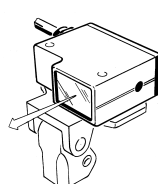
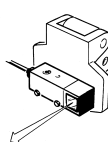


Suitable photocell types

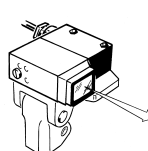
- Omron / E3S - R



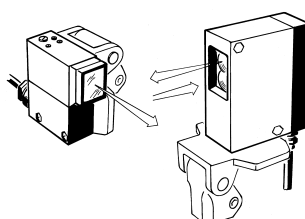
- Sick / WL 36



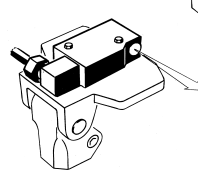
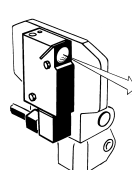
- Omron / E3A2



- Datalogic / RT 7



- Leuze / Rk 18

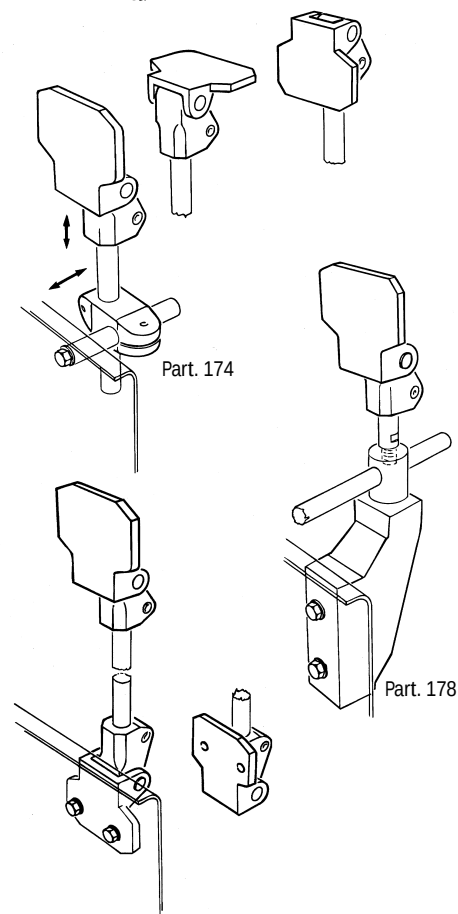
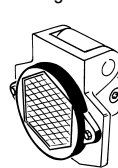
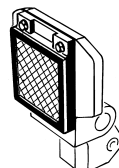
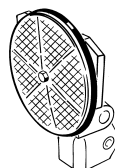


Suitable reflector types

Diell / RL 110

Sicest / RF - 230

Diell / RL 113
Datalogic / R2



* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

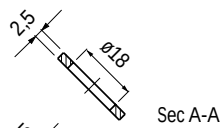
• **Use**

Contact lever ideal to mechanically check the presence of products. Works in conjunction with photocells or magnetic sensor (proximity sensor).

• **Versions**

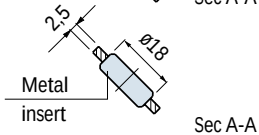
The control contact lever is supplied in three versions according to the type of sensor to be used.

1) With hole (no insert).



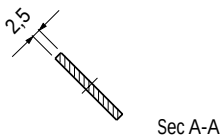
Sec A-A

2) With hole and metal insert (for magnetic sensor).



Sec A-A

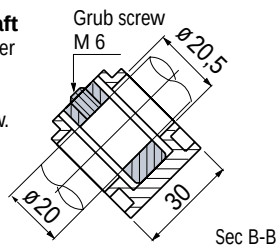
2) Without hole



Sec A-A

• **Assembly on the shaft**

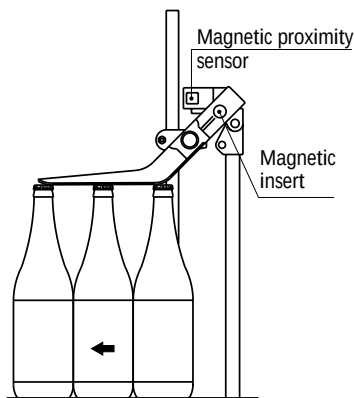
The control contact lever can be axially fixed on the shaft with a metal collar and a grub screw.



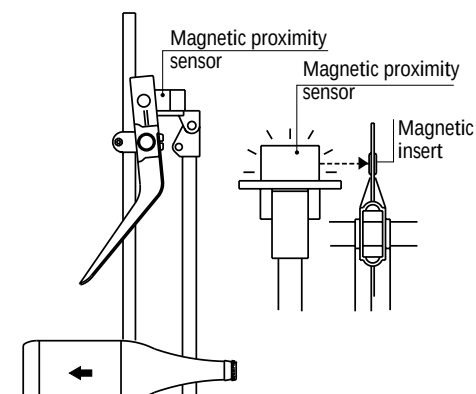
Sec B-B

• **Assembly of Part. 518 (with insert for magnetic sensor)**

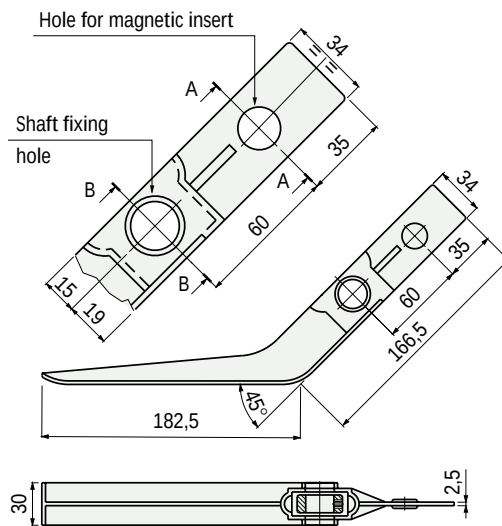
In regular conditions the control contact lever is high and magnetic proximity sensor does not detect the presence of magnetic insert.



In case of problem (example bottle downing) the control contact lever lowers and magnetic sensor detects the presence of magnetic insert and stops the conveyor.



■ **Control contact lever**



Part.	Version	Code	Weight kg
	With hole (no insert)	642941N	
518	With hole and metal insert	642951N	0,1
	Without hole	696021N	

- Material : lever in polypropylene (black), insert (for magnetic sensor) in stainless steel AISI 430, locking spacer (for shaft fixing) in zinc plated steel.
- Packaging: 50 pieces.



HINGES



Part. 337 - Page 124
180° hinge.



Part. 260 - Page 124
180° hinge.



Part. 260 - Page 125
180° hinge for misaligned mounting surfaces.



LOCKS



Part. 272 - Page 126
Lock.



TIGHTENING ELEMENTS



Part. 302 - Page 127
Ratchet handle clamping.



Part. 303 - Page 127
Ratchet handle clamping.



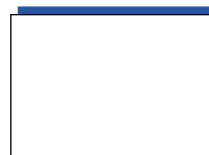
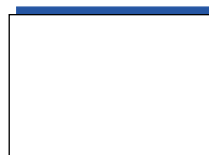
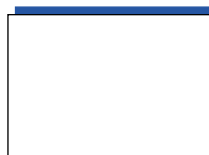
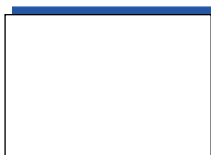
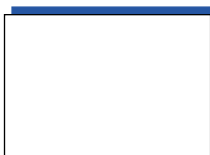
Part. 182 - Page 128
Tightening knob.



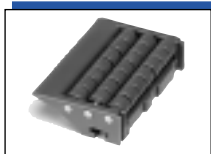
Part. 183 - Page 128
Tightening knob.



Part. 185 - Page 129
Tightening knob.



SLIDING ROLLERS



Part. 567 - Page 130
End transfer module (with lip).



Part. 569 - Page 130
End transfer module.



Part. 568 - Page 130
Centre transfer module.



Part. 20-21 - Page 132
Rollers.



Part. 16 - Page 132
Roller.



Part. 76 - Page 132
Roller.



Part. 63-95 - Page 133
Rollers.



Part. 363 - Page 133
Roller.



Part. 455 - Page 133
Roller.



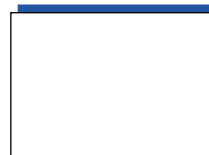
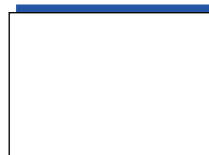
WINDING TENSIONERS



Part. 79 - Page 134
Winding tensioner.



Part. 75 - Page 134
Winding tensioner.



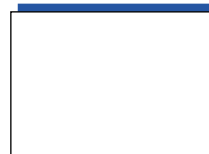
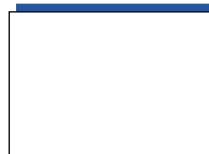
NOZZLES



Part. 19 - Page 135
Nozzle conical shape.
Jet shape: conical.



Part. 18 - Page 135
Nozzle shell shape.
Jet shape: flat.



CABLE CARRIAGE CHAINS



Part. 112 - Page 136
Cable carriage chain.



Part. 114 - Page 136
Attachments.

SPLIT SHAFT COLLARS

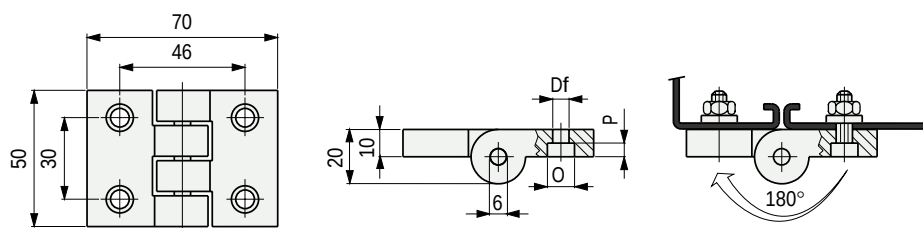


Part. 612 - Page 137
Split shaft collars for sprockets
and rollers.

Part. 337



■ 180° hinge



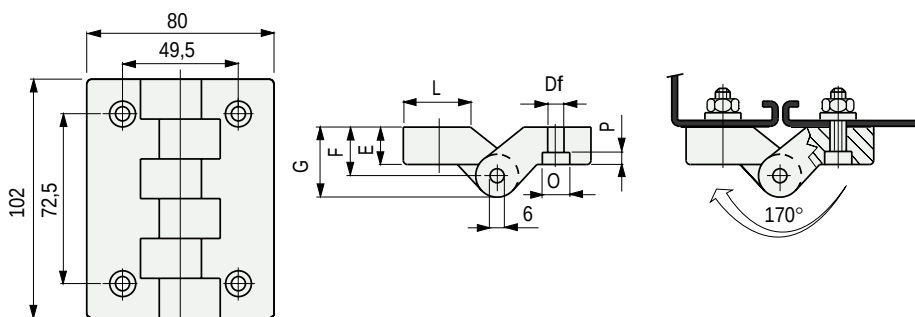
Part.	Fixing screws dia.	Code	Df dia. mm	O mm	P mm	Weight gr	Packaging No. of pieces
337	M 6	67023	6,5	10,5	6	55	24
	M 8	60334	8,5	13,5	4		

- Material : hinge in polyamide PA (black). Pin in stainless steel AISI 430 F.
- Max recommended tightening torque : 0,5 Kgm.

Part. 260



■ 180° hinge

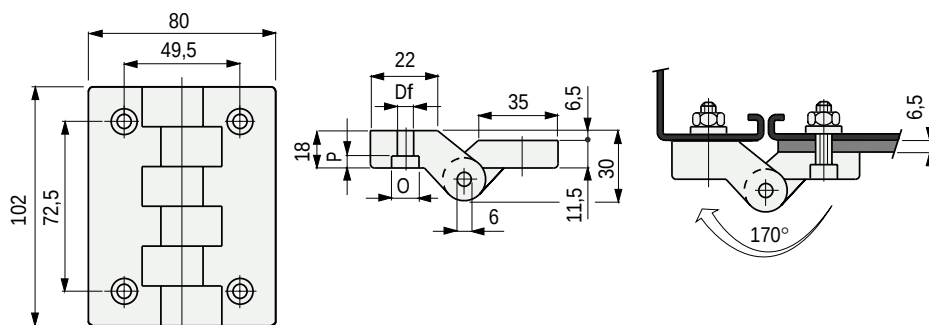


Part.	E mm	Fixing screws dia.	Code	Df dia. mm	F mm	G mm	O mm	P mm	L mm	Weight gr	Packaging No. of pieces
260	11,5	M 6	65021	6,5	11,5	23,5	10,5	6	35	110	20
		M 8	66546	8,5			13,5	8			
	18	M 6	65011	6,5	18	30	10,5	6	22	130	
		M 8	66556	8,5			13,3	8			

- Material : hinge in polyamide PA (black). Pin in stainless steel AISI 303.
- Max recommended tightening torque : 0,5 Kgm (with M6 screws), 1 Kgm (with M8 screws).

■ 180° hinge

Part. **260**



Part.	Fixing screws dia.	Code	Df dia. mm	Ø mm	P mm	Weight gr	Packaging No. of pieces
260	M 6	65031	6,5	10,5	6	120	20
	M 8	66566*	8,5	13,5	8		

- Material : hinge in polyamide PA (black). Pin in stainless steel AISI 303.
- Max recommended tightening torque : 0,5 Kgm (with M6 screws), 1 Kgm (with M8 screws).

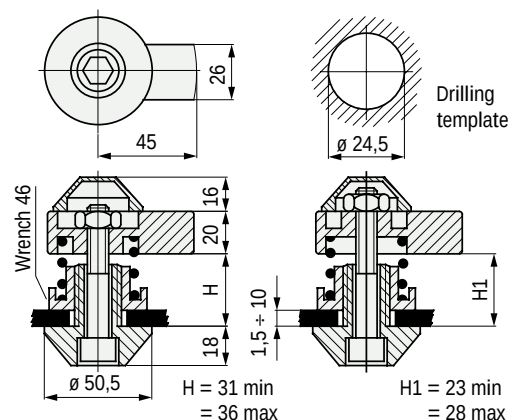


For misaligned mounting surfaces

Part. 272



Lock



Assembly drawing No. 1

Assembly drawing No. 2

Part.	Code	Weight Kg
272	66771	0,2

- Material : body in reinforced polyamide PA FV (black), bolts, nuts and spring in stainless steel AISI 304.
- Use : closure of doors in machines for foodindustry (washing, bottling, etc).
- Packaging : 10 pieces.
- Operation with hexagonal bar 10 key.
- Key turn : 360° right or left.
- Assembly instructions :
Assembly lock as shown in assembly diagram 1, when the size X (Fig. 1) is suitable for assembly distance between 31÷36 mm. When X (Fig. 1) is between 23÷28 mm, follow assembly type 2.

Assembly of Part. 272

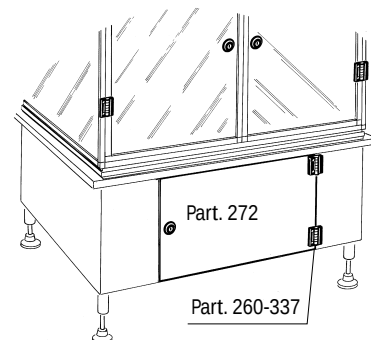
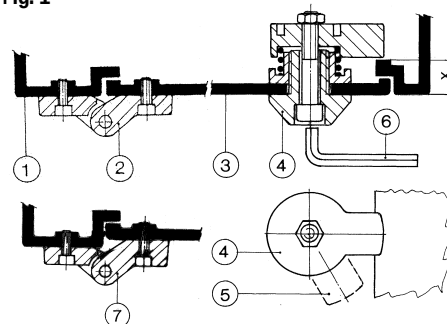


Fig. 1

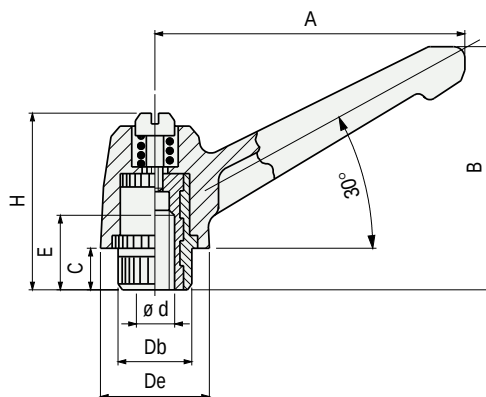


- 1- Machine structure.
- 2- Hinge Part. 260-337.
- 3- Door.
- 4- Lock Part. 272 (in closed position).
- 5- Lock Part. 272 (in open position).
- 6- Lock key (with exagonal 10 wrench).
- 7- Hinge Part. 260 (for misalligned mounting surfaces).

Ratchet handle clamping

Part.	Bore dia. d	A mm	B mm	C mm	E mm	H mm	Db mm	De mm	Code
M 6	40	40	7	12	29	11	16		60902
302 M 8	55	51	9	14	36	14	20		60862
M 10	79	67	11	20	48	20	28		60962

- Material : handle in reinforced polyamide in PA FV (black), Threaded insert in nickel plated brass.
- Packaging :
with d = M 6 and M 8 (100 pieces).
with d = M 10 (50 pieces).



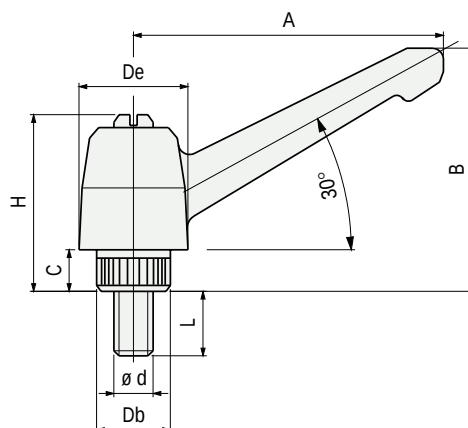
Part. 302



Ratchet handle clamping

Part.	Spindle dia. d	A mm	B mm	C mm	L mm	H mm	Db mm	De mm	Code
M 6	40	40	7	20	29	11	16		60922
303 M 8	55	51	9	25	36	14	20		60872
M 10	79	67	11	30	48	20	28		60942

- Material : handle in reinforced polyamide in PA FV (black), spindle in stainless steel AISI 303.
- Packaging :
with d = M 6 and M 8 (100 pieces).
with d = M 10 (50 pieces).

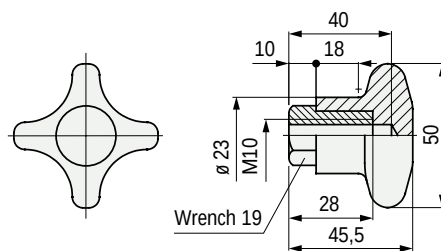


Part. 303



Part. **182**

■ Tightening knob



Part.

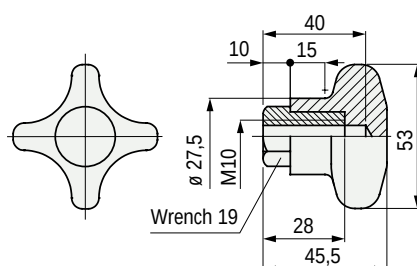
Code

182**54911**

- Material : knob in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 2,5 Kgm (manual tightening), 4 Kgm (tightening with wrench). For high tightening torques apply a 19 mm wrench to the hexagon of the insert.
- Packaging : 50 pieces.

Part. **183**

■ Tightening knob



Part.

Code

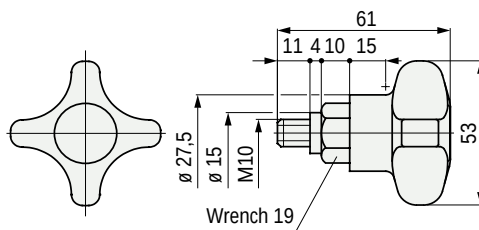
183**54921**

- Material : knob in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 2,5 Kgm (manual tightening), 4 Kgm (tightening with wrench). For high tightening torques apply a 19 mm wrench to the hexagon of the insert.
- Packaging : 50 pieces.

■ Tightening knob

Part.	Code
185	53081

- Material : knob in reinforced polyamide PA FV (black), spindle in nickel plated brass.
- Max recommended tightening torque : 2,5 Kgm (manual tightening), 4 Kgm (tightening with wrench).
For high tightening torques apply a 19 mm wrench to the hexagon of the insert.
- Packaging : 50 pieces.

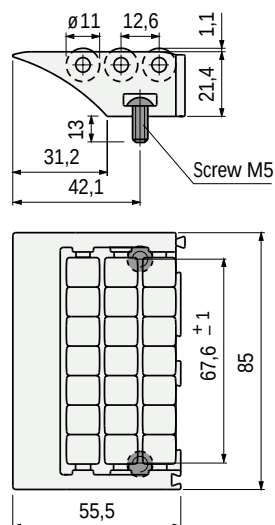


Part. **185**

Part. 567

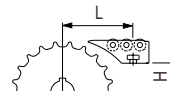


■ End transfer module (with lip)



Part.	Code	Weight kg
567	601072	0,09

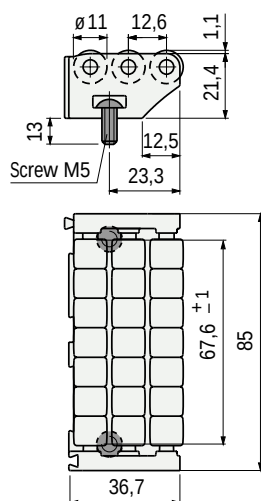
- Use :
 - Head to tail transfer see Fig. 1-2.
 - 90° transfer see Fig. 5.
- Material : frame and rollers in acetal Rex-HP™ (dark grey) very low coefficient of friction. Roller pins and screws in stainless steel AISI 304.
- Modularity : snap-on assembly with Part. 568.
- Packaging : 10 pieces.
- Positioning related to sprockets : see page 145.



Part. 569

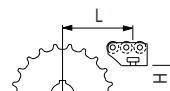


■ End transfer module



Part.	Code	Weight kg
569	601092	0,08

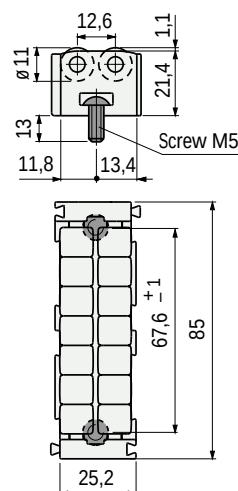
- Use :
 - Head to tail transfer see Fig. 3-4.
 - 90° transfer see Fig. 6.
- Material : frame and rollers in acetal Rex-HP™ (dark grey) very low coefficient of friction. Roller pins and screws in stainless steel AISI 304.
- Modularity : snap-on assembly with Part. 568.
- Packaging : 10 pieces.
- Positioning related to sprockets : see page 145.



Part. 568



■ Centre transfer module

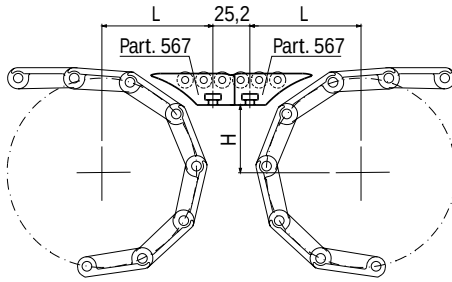


Part.	Code	Weight kg
568	601082	0,06

- Use : snap-on assembly with Part. 567-569.
- Material : frame and rollers in acetal Rex-HP™ (dark grey) very low coefficient of friction. Roller pins and screws in stainless steel AISI 304.
- Packaging : 20 pieces.

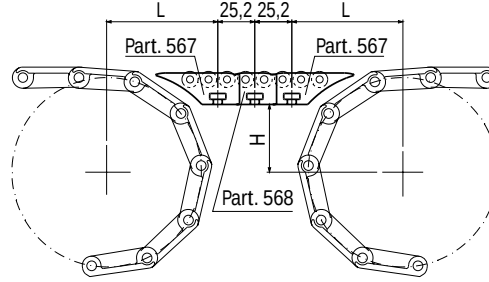
Assembly of Part. 567 - 568 - 569

• **Fig. 1** - Head to tail transfer with 2 modules

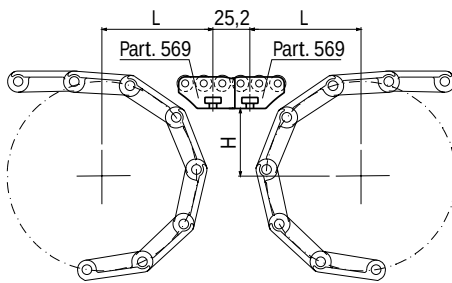


L and H see page 145

• **Fig. 2** - Head to tail transfer with 3 modules

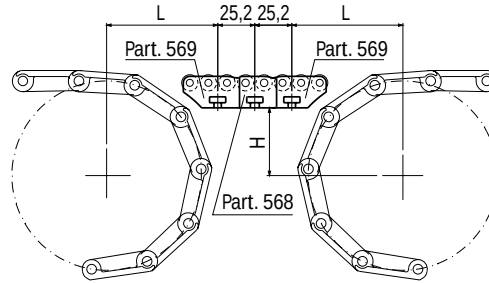


• **Fig. 3** - Head to tail transfer with 2 modules

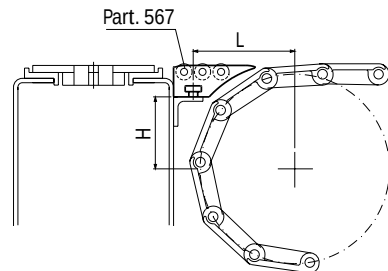


L and H see page 145

• **Fig. 4** - Head to tail transfer with 3 modules

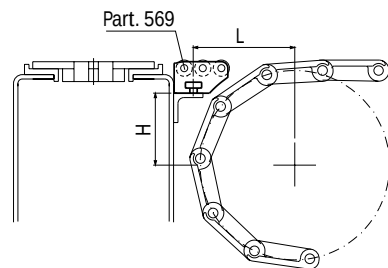


• **Fig. 5** - 90° transfer with Part. 567



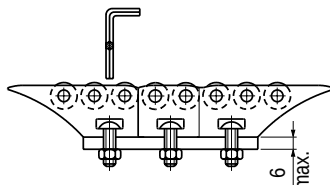
L and H see page 145

• **Fig. 6** - 90° transfer with Part. 569



L and H see page 145

Screws are tightened with an hexagon key inserted between rollers



Head to tail transfer of small and light products

Head to tail transfer of big and heavy products

90° transfer of small and light products

90° transfer of big and heavy products

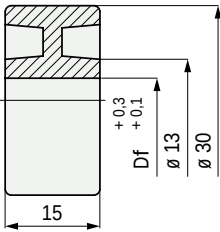
Fixing

Part. 20-21

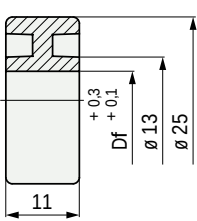


Rollers

Part. 20



Part. 21



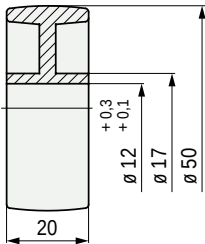
Part.	Bore dia. Df mm	Code
20	7	51410*
21	5,5 9,5 10,5	51420 51430* 51440*

- Material : polyamide PA (black).
- Packaging : 200 pieces.

Part. 16



Roller



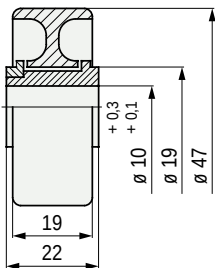
Part.	Code
16	51400

- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 76



Roller



Part.	Code
76	51390

- Material : roller in acetal POM (orange), bush in polyamide PA (white).
- Packaging : 100 pieces.

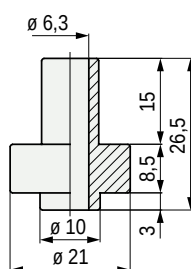
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Rollers

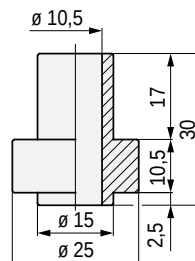
Part.	Code
63	51370
95	51380

- Material : acetal POM (white).
- Packaging : Part. 63 (500 pieces), Part. 95 (200 pieces).
- Part. 63 can be used as spare part in roller guides Part. 128-128 S-628 S.

Part. 63



Part. 95



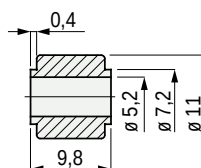
Part. 63-95



Roller

Part.	Code
363	64434

- Material : acetal Rex-LF® (light brown) very low coefficient of friction.
- Packaging : 5000 pieces.



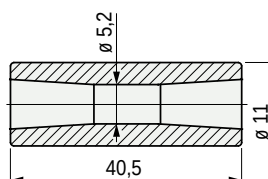
Part. 363



Roller

Part.	Code
455	614381

- Material : acetal Rex-LF® (light brown) very low coefficient of friction.
- Packaging : 500 pieces.



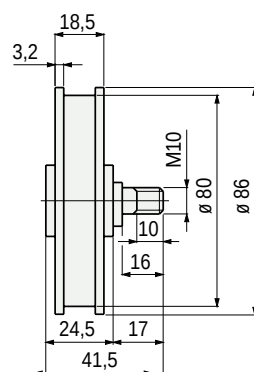
Part. 455



Part. 79



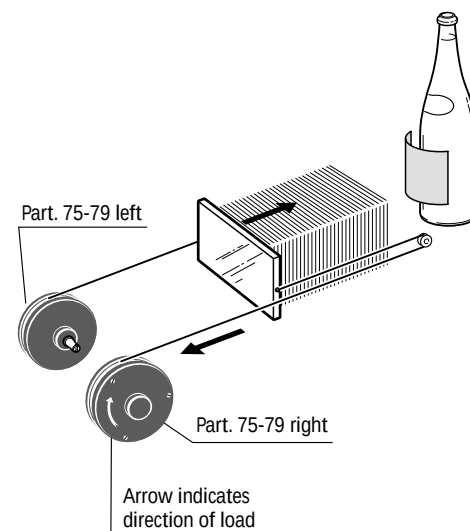
■ Winding tensioner



Part.	Load gr.	Winding travel mm	Direction of travel	Code
79	0÷2000	2000	right left	51350 51360

- Material : pulley in polyamide PA (orange), pin in brass.
- Packaging : 10 pieces.

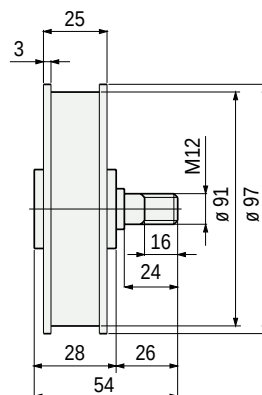
• Assembly of Part. 79-75



Part. 75



■ Winding tensioner

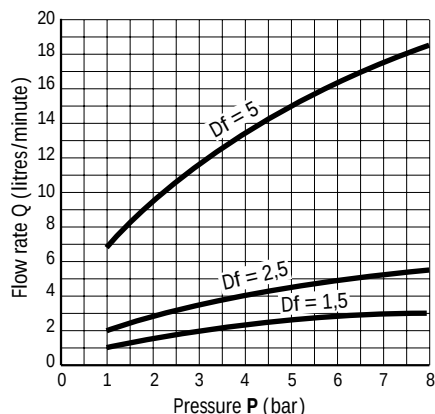


Part.	Load gr.	Winding travel mm	Direction of travel	Code
75	0÷4000	2500	right left	52130N 52120N
	0÷2800*	600	right left	623882N 623872N

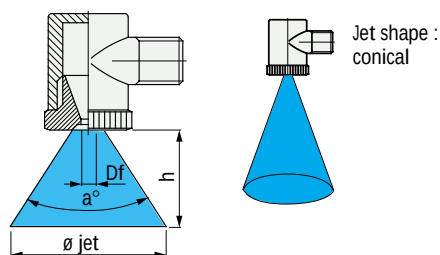
* = Unwinding the spring, the load is almost constant (10/20% loss of load).

- Material : pulley in reinforced polyamide PA FV (black), pin in brass.
- Packaging : 10 pieces.

• Capacity diagram of Part. 19



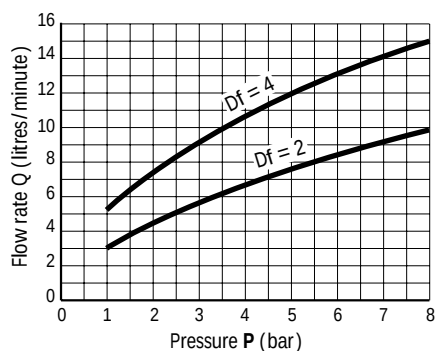
• Dimensions and jet shape of Part. 19



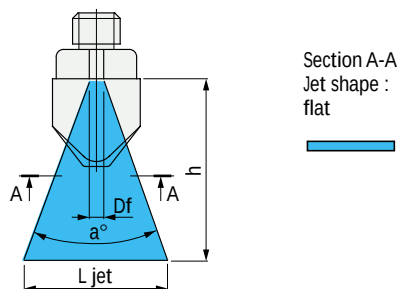
Bore dia. Df mm	outlet angle a°	Jet dia. mm	distance h mm
1,5	18°	160	500
2,5	22°	200	500
5	60°	600	500

Tests performed at 2 bar pressure.

• Capacity diagram of Part. 18



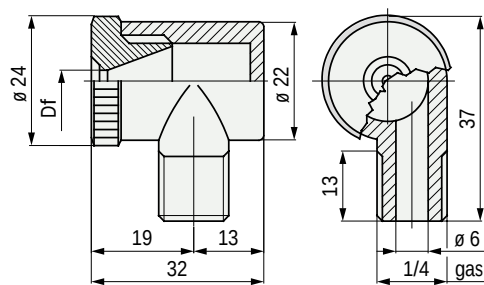
• Dimensions and jet shape of Part. 18



Bore dia. Df mm	outlet angle a°	Jet width L mm	distance h mm
2	28°	250	500
4	18°	160	500

Tests performed at 2 bar pressure.

■ Nozzle conical shape



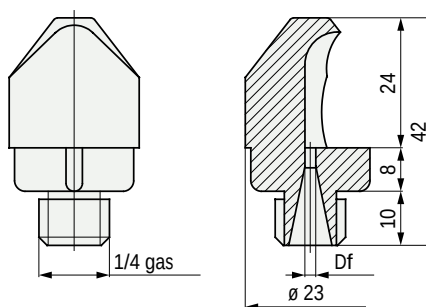
Part.	Bore dia. Df mm	Code
19	1,5	51450*
	2,5	51460
	5	51470*

- Use : washing equipment.
- Material : polyamide PA (black).
- Max operating temperature in contact with hot water : 70° C.
- Packaging : 100 pieces.

Part. 19



■ Nozzle shell shape



Part.	Bore dia. Df mm	Code
18	2	51480
	4	51490

- Use : washing equipment.
- Material : polyamide PA (white).
- Max operating temperature in contact with hot water : 70° C.
- Packaging : 200 pieces.

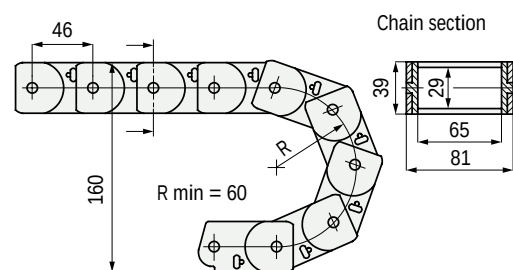
Part. 18



* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. **112**

■ Cable carriage chain



Part.

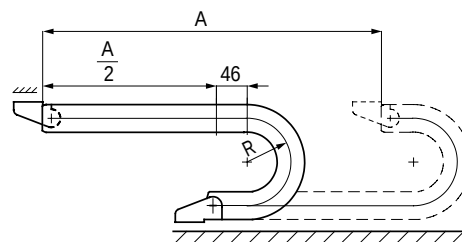
112

Code

51610

- Use : for carrying cables and hoses in the machine and protecting them from tensile and torsional stress.
- Material : polyamide PA (black).
- Assembly of engaged links : the engagement system allows a quick easy dismantling.
- Packaging : 5 metres.

• Calculation of chain length L



$$L = \frac{A}{2} + \pi \cdot R + (46 \cdot 2)$$

L = chain length (mm).

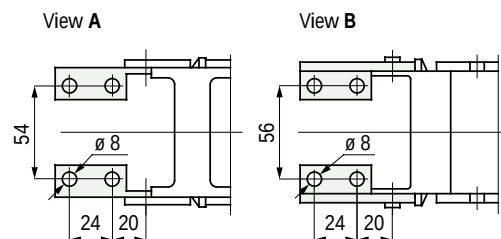
A = chain stroke (mm).

R = curving radius (mm).

Accessories

Part. **114**

■ Attachments



Part.

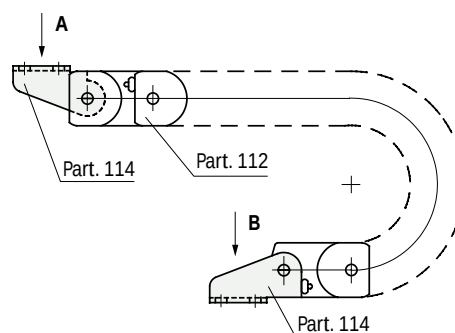
114

Code

59040*

- Material : zinc plated steel.
- State of supply : complete with No. 4 connections.
- Packaging : 5 kit.

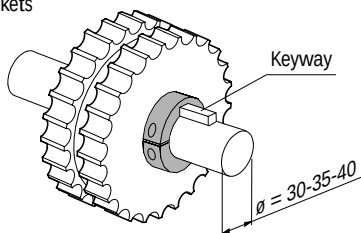
• Assembly of Part. 114



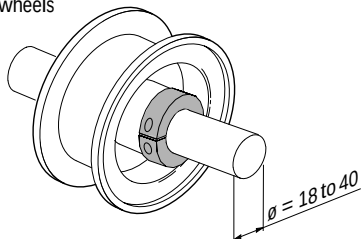
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• **Assembly of Part. 612**

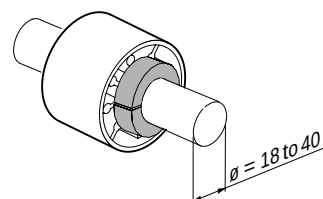
- With sprockets



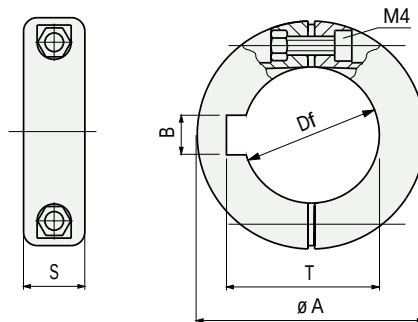
- With idler wheels



- With rollers



■ **Split shaft collar**



Part. 612

Bore dia.						Code	Weight kg
Part.	Df mm	ø A mm	S mm	B mm	T mm		
• Without seat keyway							
612	18	38	14	—	—	614712	0,018
	20	40	14	—	—	614722	0,019
	25	45	14	—	—	619452	0,022
• With seat keyway							
612	30	50	16	8	33,3	614732	0,026
	35	56	16	10	38,3	614742	0,030
	40	63	18	12	43,3	615012	0,040

- Material : collar in reinforced polyamide PA FV (black), tightening bolt in stainless steel AISI 304.
- Max recommended tightening torque : 0,3 Kgm.
- Packaging : 100 pieces.

TECHNICAL INFORMATION

Plastic materials

Polyamide PA

- An extremely tough material with excellent dimensional stability even at relatively high temperatures • Good resistance to chemical attack • Inflammability : 94 HB.

Reinforced polyamide PA FV

This material offers improved ductile strength compared with PA polyamide, as well as improved rigidity and dimensional stability • Operating temperatures can also be higher • Inflammability : 94 HB.

Polypropylene PP

- Ideal for use at high temperatures • High resistance to chemical attack • Reduced mechanical characteristics • Inflammability : 94 HB.

Reinforced polypropylene PP FV

• This material offers better dimensional stability and rigidity than PP polypropylene as well as better mechanical strength • Inflammability : 94 HB.

Polyethylene PE (UHMWPE)

• This is the plastic material which is most suited to the manufacture of lateral guides subject to sliding contact, thanks to an extremely low coefficient of friction, excellent wear resistance and zero absorption (important in water lubricated applications) • PE polyethylene also offers high resistance to chemical attack and good sound absorbing qualities • Inflammability : 94 HB.

Acetal POM

• Acetalic resins are among the strongest and most resistant thermoplastic materials known • The most important characteristics of these materials are excellent ductile strength, impact resistance, rigidity, and dimensional stability • These materials also resist humidity and attack by most chemical agents • The materials cannot be used in continuous contact with steam or hot water at temperatures above 60° C • Inflammability : 94 HB.

Acetal Rex LF®

• This material conserves the same characteristics of POM acetalic • The addition of a self-lubricating agent, however, gives an extremely low coefficient of friction and excellent wear resistance • Rex LF® acetalic has the same limitations as POM acetalic as far as continuous contact with hot water and steam are concerned • Inflammability : 94 HB.

Metal materials

Stainless steel AISI 303 - AISI 304

• An austenitic steel generally known as 18/8 steel offering excellent corrosion and oxidation resistance • Ideal for the food industry, dairy and cheese production, beer production, and the pharmaceutical industry • Stainless steel is cold rolled and responsive to magnets.

Zinc plated steel

• Galvanically zinc coated steel • Galvanization thickness 7 microns.

Nickel plated brass

• Good resistance to chemicals • Humid and wet environments.

Operating temperatures

Material	Description	Operating temperatures (°C)		
		contact with air		contact with hot water
		Min	Max	Max
PA	Polyamid	0	+ 80	+ 65
PA FV	Reinforced polyamid	- 5	+ 120	+ 100
PP	Polypropylene	+ 5	+ 105	+ 105
PP FV	Reinforced polypropylene	+ 5	+ 115	+ 115
PE (UHMWPE)	Polyethylene	- 40	+ 80	+ 70
POM	Acetal	- 40	+ 80	+ 65
Rex-LF®	Acetal	- 40	+ 80	+ 65
AISI 303 - AISI 304	Austenitic stainless steel (18/8)	- 70	+ 430	+ 120
Fe Zn	Zinc plated steel	- 40	+ 180	–
OT	Nickel plated brass	- 40	+ 180	+ 120

$$L_t = L_0 \cdot [1 + a \cdot (T - 20^{\circ}\text{C})]$$

L_t = final length (mm.)
 L_0 = initial length (mm.)
 a = coefficient of linear expansion.
 T = operating temperature (°C).
 20°C = ambient temperature.

Calculation of thermal expansion

Example :

a guide having initial length $L_0 = 1000$ mm, coefficient of linear expansion 2×10^{-4} , and an operating temperature of 70°C , expands by :

$$L_t = 1000 \text{ mm} \cdot [1 + 0,0002 \cdot (70^{\circ}\text{C} - 20^{\circ}\text{C})] = 1010 \text{ mm}$$

CHEMICAL AGENT	POLYAMIDE PA		POLYETHYLENE PE		POLYPROPYLENE PP		ACETAL POM		AISI 303 AISI 304		NICKEL PLATED BRASS	
	Conc. %	23° C	Conc. %	23° C	Conc. %	23° C	Conc. %	23° C	Conc. %	23° C	Conc. %	23° C
ACETIC ACID	100	+	10	+	40	+	5	-	20	+	/	
ACETONE	100	+		+		+	/		50	+		+
ALUMINIUM CHLORIDE	10	+								-		
AMMONIA	10	+		+	30	+	Sol.	+	50	+		-
AMMONIA CONC.	10	+		+		+		-				
AMMONIUM CHLORIDE	10	+							10	/		
AMYL ALCOHOL	100	+				+				+		
ANILINE		/	3	+	100	+	3	+	3	+		
BEER		+		+		+		+		+		
BENZENE		+		/		+		+	70	/		
BENZOIC ACID	Sat.	/			Sat.	+			100	/		
BENZOL	100	+		/		/		+		+		+
BORIC ACID	10	+	Sat.	+	Sat.	+		+	100	/		
BRINE		/		+	Sat.	+		/				
BUTTER		+		+		+		+		+		+
BUTHYL ALCOHOL	100	+				+				+		
BUTYRIC ACID		-		+	100	+		-	5	+		
CALCIUM CHLORIDE	10	+	Sat.	+	50	+		/	10	-		+
CARBON SULPHIDE	100	+		+		+		+		+		
CARBON TETRACHLORIDE		+		/		-		+	10	-		+
CAUSTIC SODA	10	+	25	+	52	+	25	-		+		
CHEESE		-		+		+		+				
CHLORINATED WATER		+		-		-		-		-		
CHLOROFORM	100	-		-		/		-	100	+		+
CHOCOLATE		-		+				+				
CITRIC ACID	10	/		+	10	+		/	5	+		-
CUPRIC SULPHATE	10	+		+	Sat.	+		+	5	+		
DISTILLED WATER		+		+		+		+		+		
ETHYL ACETAT	100	+				+			100	/		
ETHYL ALCOHOL	96	+		+	96	+		+	10	+		+
ETHYL CHLORIDE	100	+		/		-		+		+		/
ETHYL ETHER	100	+		+		+		+				
FERRIC CHLORIDE	10	+				+			20	-		
FOOD FATS		+		+		+		+		+		
FOOD OILS		+		+		+		+		+		
FORMALDEHYDE	30	+		/	40	+		+	100	+		+
FORMIC ACID	10	-	10	+	100	+	10	-	5	/		+
FREON 12		+								+		
FRESH WATER		+		+		+		+		+		
FRUIT JUICES		+		+		+		+		+		
GASOLINE		+		/		/		+		+		/
GLYCERINE		+		+		+		+		+		+
HYDROCHLORIC ACID	10	-	37	+	30	+	37	-		-		/
HYDROCHLORIC ACID	2	-	2	+	2	+	2	/				
HYDROFLUORIC ACID	40	-	70	+	40	+		-		-		
HYDROGEN PEROXIDE	3	-		+	30	+		-	30	+		/
IODINE		-		+		+		+				
LACTIC ACID	10	+		+	20	+		+	5	+		-
LINSEED OIL		+				+			100	+		
MAGNESIUM CHLORIDE	10	+			Sat.	+			5	+		
MERCURY		+		+	100	+		+	100	/		/
METHYL ALCOHOL	100	+		+		+		+	100	/		+
METHYLENE CHLORIDE	100	+		/		/		-		/		
MILK		+		+		+		+		+		+
MINERAL OILS		+		+		+		+		+		
MUSTARD		-		+		+		+				
NITRIC ACID	10	-	5	/		+	5	-	10	+		
OLEIC ACID	100	+		/		+		-	100	/		+
PARAFFIN		+		+	100	/		+		+		
PETROLEUM		+		-	100	/		+		+		+
PETROLEUM ETHER		+		+		+		+		+		+

CHEMICAL AGENT	POLYAMIDE PA		POLYETHYLENE PE		POLYPROPYLENE PP		ACETAL POM		AISI 303 AISI 304		NICKEL PLATED BRASS	
	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C
PHENOL		–				+			10	+		
PHOSFORIC ACID	10	–	95	+	85	+	10	–	10	–		–
POTASSIUM HYDROXIDE	10	+							50	+		
SEA WATER		+		+		+	/			+		+
SILICONE OIL		+				+						
SILVER NITRATE		+			20	+			60	/		
SOAP AND WATER		+		+		+		+		+		
SODIUM CARBONATE	10	+		+	Sat.	+		+	5	+		
SODIUM CHLORIDE	10	+		+	Sat.	+		+	5	+		+
SODIUM HYDROXIDE	10	+		+	30	+	10	+		–		
SODIUM HYPOCHLORITE		+		+	20	+		–		–		
SODIUM SILICATE		+							100	+		
SODIUM SULPHATE	10	+		+	Sat.	+		+	5	+		
SOFT DRINKS		+		+		+		+		+		
SUDS		+				+						
SULPHURIC ACID	10	–	40	/	98	+	40	–	10	–		+
TARTARIC ACID		+		+	10	+	30	/	10	+		–
TETRALINE		+				–						
TINCTURE OF IODINE		–		+		+		+				–
TRANSFORMER OIL		+				/						
TRICHLORETHYLENE		/		+		/		–		+		+
TURPENTINE		/		–		–		–		+		
VASELINE		+		/		+		+				
VEGETABLE JUICES		+		+		+		+		+		
VEGETABLE OILS		+		+		+		+		+		
VINEGAR		+		+		+		+		+		+
WHISKY		+		+		+		+		+		+
WINE		+		+		+		+		+		+
XIOL		+		/		–		+		+		/
ZINC CHLORIDE	10	/			20	+			10	–		

Abbreviations: Sat. = saturated.

Legend..

+ = Good resistance.

/ = Fairly good resistance (limited use depending on working conditions).

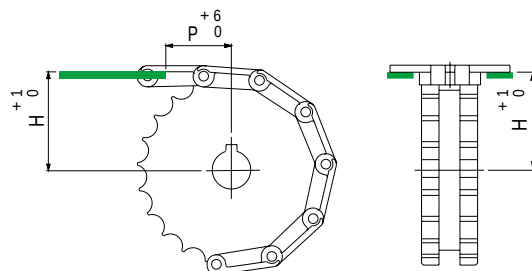
– = Poor resistance (not recommended).

N.B. Where tests have not been carried out the spaces are left blank.

The data shown in this table..

are taken from laboratory tests, performed on unstrained test samples. It should be considered as purely indicative since material behaviour under real working conditions depends on different factors: temperature, concentration of the chemical agent, quick or long-lasting effect of the chemical agent.

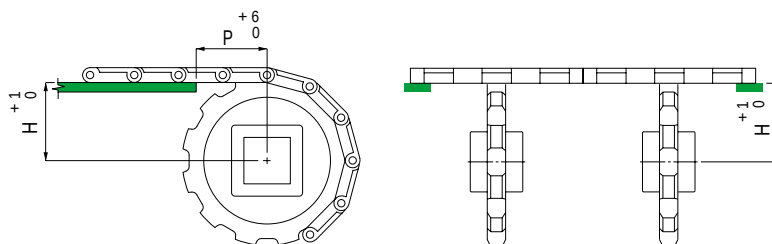
Position of chain guide profiles for TableTop® chains



Chain	H mm	P mm
512 - 802 - 805 - 812 - 815 - 820 - 821 - 881 - 881 M - 8811 - 8811 TAB - SLBP 821	(Dp:2) + 3,2	40
831 - XLBP 831	(Dp:2) + 2,4	40
880 - 880 TAB - 880 BO	(Dp:2) + 3,6	40
879 - 879 TAB - 879 BO - LBP 879 BO	(Dp:2) + 2,8	40
882 - 882 TAB - SLBP 882 TAB - LBP 883	(Dp:2) + 4,8	40
866 - 963 - 1864 - 1873 - 1874 - 2873 - 3873	(Dp:2) + 11	40
1700K - 1700TABK - AC1700K - 1701 - 1790K - 1701TABK - 1702 - 1716K -	(Dp:2) - 12	50
1710K - 1710TABK - 1713K - 1713TABK	(Dp:2) - 12	50

Dp = primitive diameter of drive sprocket - mm.

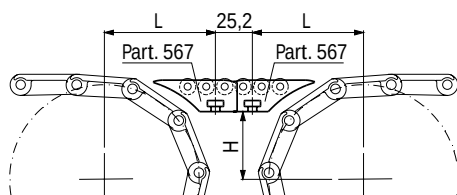
Position of chain guide profiles for MatTop® chains



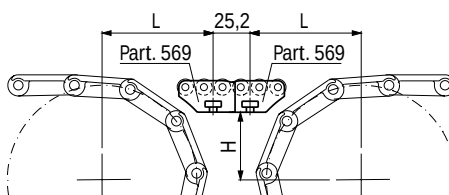
Chain	H mm	P mm
1505 - 1506	(Dp:2) - 4,95	25
2100	(Dp:2) - 4,37	25
4705 - 4706 - 4707 - 4705 Vacuum - 4803 - 5705 - 5706	(Dp:2) - 6,35	38
4812	(Dp:2) - 5,2	38
4809	(Dp:2) - 7,9	57
5935 - 5936 - 5935 Vacuum - 8505 - 8506	(Dp:2) - 4,35	19
5996 - 5997 - 5998	(Dp:2) - 9,1	57
6390 - 6391 - 6392	(Dp:2) - 7,0	50
7705 - 7706	(Dp:2) - 6,35	25
7956	(Dp:2) - 6,35	32

Dp = primitive diameter of drive sprocket - mm.

• **Head to tail transfer with Part. 567**

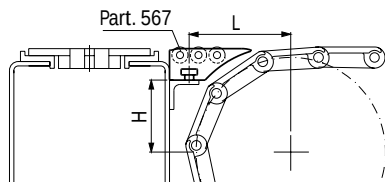


• **Head to tail transfer with Part. 569**

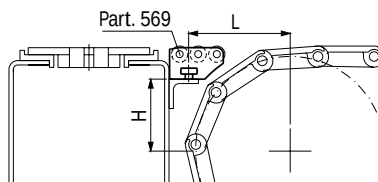


Type of transfer

• **90° transfer with Part. 567**



• **90° transfer with Part. 569**



Chain	Z 15		Z 17		Z 19		Z 21		Z 23		Z 25		Z 27		Z 29	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
802 - 805 - 812 - 815 - 881	30,9	64,6	36,8	65,8	42,8	67,0	48,7	68,1	54,7	69,2	60,7	70,2	66,7	71,2	72,7	72,2
881 M - 8811 - 8811 TAB	30,9	64,6	36,8	65,8	42,8	67,0	48,7	68,1	54,7	69,2	60,7	70,2	66,7	71,2	72,7	72,2
512	45,2	67,4	53,2	68,9	60,3	70,3	69,3	71,6	—	—	—	—	—	—	—	—
1864 - 1874 - 4874	37,6	73,3	43,6	74,8	49,7	76,3	55,7	77,6	61,8	79,0	67,8	80,3	—	—	—	—
820	31,5	65,4	37,4	66,7	43,4	67,9	49,3	69,0	55,3	70,1	61,3	71,2	67,3	72,2	73,3	73,2
821	32,3	65,8	38,2	67,1	44,2	68,3	50,1	69,4	56,1	70,6	62,1	71,6	68,1	72,7	74,1	73,7
843	17,1	65,9	21,2	67,1	25,2	68,2	29,2	69,3	33,3	70,3	37,3	71,3	—	—	—	—
845	17,1	63,9	21,2	64,9	25,2	66,0	29,2	67,0	33,2	67,9	37,3	68,8	—	—	—	—
963	37,6	73,5	43,6	75,0	49,7	76,5	55,7	77,9	61,8	79,2	67,8	80,5	—	—	—	—
1873 - 1853 - 853	37,6	68,7	43,6	70,0	49,7	71,2	55,7	72,4	61,8	73,6	67,8	74,7	73,8	75,7	—	—
1843	17,9	63,9	22,0	64,9	26,0	66,0	30,0	66,9	34,0	67,9	38,1	68,8	—	—	—	—
812 Rub. Top - 881 Rub. Top	32,9	65,0	38,8	66,2	44,8	67,3	50,7	68,4	56,7	69,5	62,7	70,5	68,7	71,5	74,7	72,5
802 Rub. Top	33,9	65,2	39,8	66,4	45,8	67,5	51,7	68,6	57,7	69,7	63,7	70,7	69,7	71,7	75,7	72,6
HFP 820	33,5	65,1	39,4	66,3	45,4	67,5	51,3	68,6	57,3	69,6	63,3	70,6	69,3	71,6	75,3	72,6
HFP 821	34,3	65,3	40,2	66,5	46,2	67,6	52,1	68,7	58,1	69,7	64,1	70,8	70,1	71,8	76,1	72,7
HFP 867 - HFP 1877 - HFP 1873	40,4	66,5	46,4	67,7	52,5	68,8	58,5	69,8	64,6	70,8	70,6	71,8	76,6	72,8	—	—
SLBP 821	46,8	67,7	52,7	68,8	58,7	69,8	64,6	70,9	70,6	71,8	76,6	72,8	—	—	—	—

**H, L dimensions for
TableTop® chains**

Chain	Z 9		Z 10		Z 11		Z 12		Z 13		Z 14		Z 15	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L
880 TAB, 879 TAB	40,8	66,6	46,7	67,7	52,7	68,8	58,7	69,9	64,7	70,9	70,7	71,8	76,7	72,8
882 TAB	42,7	66,9	48,6	68,1	54,6	69,1	60,6	70,2	—	—	—	—	—	—
LPC 279	49,9	68,3	55,8	69,4	61,8	70,4	67,8	71,4	73,8	72,3	—	—	—	—
HFP 880 TAB	42,9	67,0	48,7	68,1	54,7	69,2	60,7	70,2	66,7	71,2	72,7	72,2	—	—
HFP 882 TAB	44,7	67,3	50,6	68,4	56,6	69,5	62,6	70,5	—	—	—	—	—	—
SLBP 882 TAB	57,2	69,6	63,1	70,6	69,1	71,6	75,1	72,5	—	—	—	—	—	—

Chain	Z 12		Z 21		Z 23		Z 24		Z 25		Z 27	
	H	L	H	L	H	L	H	L	H	L	H	L
4705 - 4706 - 5705 - 5706	57,5	69,6	48,5	68,0	54,5	69,1	57,5	69,6	60,5	70,2	66,5	71,2
HFP 5705	—	—	51,0	68,5	57,0	69,6	60,0	70,1	63,0	70,6	69,0	71,6

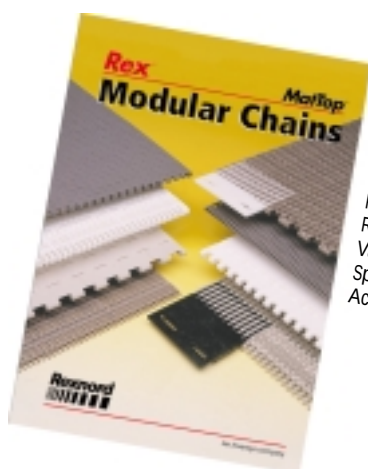
**H, L dimensions for
MatTop® chains**

Chain	Z 7		Z 8		Z 9		Z 10		Z 11		Z 12		Z 13		Z 19	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
2100	—	—	—	—	—	—	—	—	27,0	63,7	9,2	59,3	9,2	59,3	59,1	69,9
4812	—	—	32,5	64,9	—	—	—	—	—	—	56,3	69,4	—	—	—	—
5996	52,5	68,8	—	—	70,2	71,8	—	—	—	—	—	—	—	—	—	—
6390 - 6391 - 6392	—	—	49,8	68,3	—	—	65,4	71,0	—	—	—	—	—	—	—	—

Chain	Z 10		Z 16		Z 18		Z 21		Z 24		Z 25		Z 31	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L
5935 - 5936	13,0	60,4	—	—	—	—	—	—	55,6	69,3	58,6	69,8	76,9	72,8
7705 - 7706	—	—	49,0	68,1	57,0	69,6	69,1	71,6	—	—	—	—	—	—

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MatTop®

Solid Top chains.
Perforated Top chains.
Raised Top chains.
Vacuum chains.
Sprockets and idler wheels.
Accessories.



TableTop®

Steel TableTop® and PlateTop chains.
Thermoplastic TableTop® and PlateTop chains.
Chains for incline conveyors.
Gripper chains.
Case conveyor chains.
Multiflex chains.
Low backline pressure chains.
Special chains.
Corner tracks and straight tracks.
Sprockets and idler wheels.
Accessories.



Complete sealed supports.
Supports with high corrosion resistance.
Supports for shafts of Ø 20 and Ø 45 mm.



Thermoplastic, steel and stainless steel supporting feet.
Vibration absorbing feet.
Fixed feet.
Articulated feet with or without mounting holes.
Threaded bushes for tubes.



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