

PRODUCT CATALOGUE
2006

MARBETT®
CONVEYOR COMPONENTS
SUPPORTING AND LEVELLING ELEMENTS
SELF-ALIGNING BEARINGS



FlatTop Europe

REXNORD
PRECISION. POWER. PERFORMANCE.

CONVEYOR COMPONENTS

- Chain Guide Components* Page S16
Product Handling Components Page S60
Frame Support Components Page S160
Miscellaneous Components Page S182

Page S01-S209



SUPPORTING AND LEVELLING ELEMENTS

- Articulated Feet in Reinforced Polyamide* Page R09
Fixed Feet in Reinforced Polyamide and Rubber Page R34
Articulated Feet Gripper Page R40
Articulated Feet in Steel Page R46
Fixed Feet in Steel Page R52
Vibration absorbing Feet Page R55
Anti-Slip Supports Page R56
Threaded Bushings Page R58

Page R01-R59

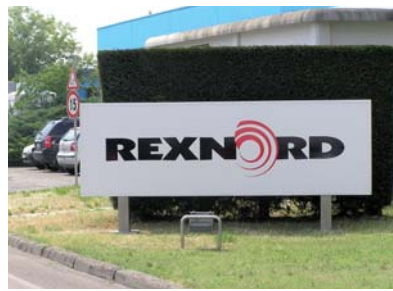


SELF-ALIGNING BEARINGS

- Square Flange Bearing Units* Page B06
Oval Flange Bearing Units Page B16
Pillow Block Type Bearing Units Page B26
Compact Pillow Block Type Bearing Units Page B30
Side Flange Bearing Units Page B34
Take-up Bearing Units Page B38
Round Flange Bearing Units Page B42

Page B01-B61





The company

Rexnord is a global company supplying many industries with power transmission and conveying components. The product offering ranges from roller chains, couplings and geared products to conveyor chains, belts and components.

The head office is based in the United States, with several divisions all over the world. The Rexnord FlatTop division is manufacturing conveyor chains, belts and components.

Rexnord is fully committed to meet customer expectations; huge knowledge of the business reduces maintenance costs, eliminates redundant inventories and prevents downtime, all in close co-operation with OEMs and end users. This is a result of Rexnord's focus on product development, application engineering, operations and customer service.

Rexnord FlatTop Europe represents 3 strong brands: Rexnord, MCC and Marbett.

With production facilities in 's-Gravenzande and Correggio, sales offices in The Netherlands, Italy, France and Germany, a large sales group for local service in many countries and distributors all over the world, Rexnord is always close to its customers. In this way a fast and reliable delivery is guaranteed.

Rexnord chains and belts are being used to convey a wide variety of products: bottles, cans, boxes, crates, tires, loose food, glass jars, PET containers, trays; shortly every transport in production halls in virtually any industry.

The product range has been split up over two catalogues, one for Rexnord/MCC Table Top/MatTop chains and one for Marbett conveyor components.

The industries served

As the handling specialist in the field of conveying, the Rexnord product portfolio is providing solutions for complete lines in several industries in order to improve productivity.

In beverage industry palletizers, depalletizers, washers, labelers, fillers, pasteurizers, inliners, outfeeds, elevators and accumulation tables are equipped with slatband chains, curves, sprockets, belts, bearings, leveling elements and many more conveyor components.



For the container manufacturing industry special products and materials are available, such as abrasion resistant polyamide for glass plants, vacuum chains for can making and gripper chains for vertical transport.

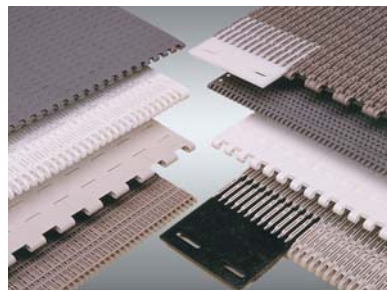


For food industry applications modular belts and components with Microban antibacterial protection are used in deboning, grading and trimming lines for meat, poultry and seafood. A wide range of products is also offered for blanchers, cookers, washers, coolers and processing lines in fruit, vegetables, bakery, confectionary etc. And many more products are available for the handling of packed food.



In automotive industry the products are engineered to meet the most demanding applications, such as rubber processing and tire handling.

This is just a short selection of the applications in which Rexnord products are being used. Among others they have also found their way into pharmaceutical production lines, battery manufacture, paper and cardboard production.



Rexnord and MCC TableTop chains and MatTop belts

The product line can be split up into:



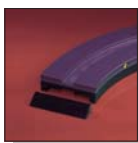
- Steel slatband chains
In various materials ranging from carbon steel to special stainless steel with better wear and sliding properties; types straight running, sideflexing tab, bevel and Magnetflex, with and without rubber top.

- Plastic slatband chains
Wide range of materials and various executions; single hinge, double hinge, heavy duty, vacuum, lbp rollers and rubber top.



- Plate Top and Gripper chains
Based on the Rexnord roller chains in both stainless and carbon steel; Plate Top chains have steel or plastic top plates; Gripper chains have different types of rubber inserts.

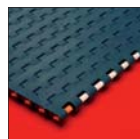
- Case conveyor and Multiflex chains
Different types of acetal for both straight running and sideflexing transport of products varying from heavy crates to small juice packs.



- Curves
Magnetflex, Tab and bevel, as well as straight tracks to support the chain in all parts of the line; there are many standard versions besides the ability to make any special curve needed

in your applications with short delivery times.

- Modular belts
Pitches differ from 0.5 to 2.25 inch to suit any application. Most series have both closed and open top executions; some also available with rubber top for inclined conveying.



Marbett conveyor components

The product line can be split up into:

- Chain guide components
Profiles, corner tracks, straight tracks, return rollers, serpentine, plugs for connections.



- Product handling components
Guide rails, roller guides, guide rail clamps, guide rail brackets and connecting clamps in plastic or stainless steel.

- Frame support components
Side mounting top brackets, bearing heads, support bases and connecting joints, stainless steel components.



- Supporting and leveling elements
Different versions in steel and plastic, articulated and fixed, with and without gripper bottom and vibration absorbing feet.

- Self-aligning bearings
Square, oval, pillow block, side flange, take-up, round, and other executions, all with open and closed unit. Lubricated for life versions are also available.



- Miscellaneous components
Line control elements, hinges, locks, knobs, modular transfer roller plates, rollers, tensioners, nozzles, cable carriage chains, shaft collars and nose-over bars.

CHAIN GUIDE COMPONENTS

Chain Guide Profiles Page S16

Corner Tracks and Straight Tracks Page S34

Roller Guides for Chain Return Page S43

Serpentine Guides for Chain Return Page S53

Plugs for Connection Page S58



PRODUCT HANDLING COMPONENTS

Product-Guides Page S60

Guide-Rail Clamps Page S104

Guide-Rail Brackets Page S123

Connecting Clamps Page S154



FRAME SUPPORT COMPONENTS

- Side Mounting top Brackets* Page S160
- Bearing Heads* Page S162
- Support Bases* Page S164
- Articulated Feet* Page S170
- Connecting Joints* Page S172
- Support Heads (Stainless steel)* Page S177
- Support Bases (Stainless steel)* Page S178
- Articulated Feet (Stainless steel)* Page S179
- Connecting Joints (Stainless steel)* Page S180



MISCELLANEOUS COMPONENTS

- Line Control Elements* Page S182
- Hinges* Page S186
- Locks* Page S188
- Tightening Elements* Page S189
- Modular transfer roller plate* Page S194
- Modular Nose-Over Bar* Page S198
- Shaft collars* Page S199
- Winding Tensioners* Page S200
- Caps* Page S201
- Cable Carriage Chains* Page S202
- Nozzles* Page S203



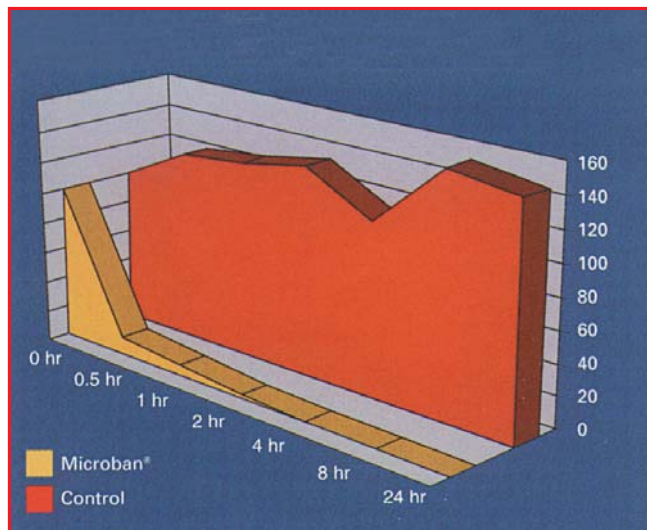
TECHNICAL INFORMATION

Technical information Pag. S204

Material characteristics

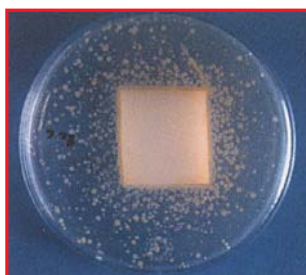


- By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.
- Independent laboratory tests have proven Microban® to be effective throughout the lifetime of the product. Because it is built-in, it is working all-over.
- The active agent used in Microban® technology has been recommended for approval in food contact uses by the European Union Scientific (SCF); in the United States the Environmental Protection Agency (EPA) has approved it for use in conveyor belts.

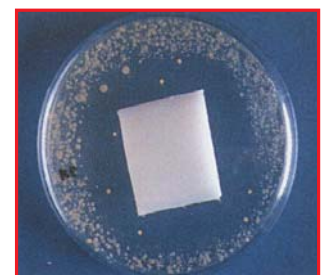


◀ Bacteria E.Coli in Microban® plastic comKuK compared to identical untreated plastic

With Microban®, absence of bacteria on and around the ▼ product



◀ Without protection, growth of bacteria on and around the product



Polyamide PA

- An extremely tough material with excellent dimensional stability even at relatively high temperatures
- Good resistance to chemical attack
- Inflammability : 94HB.

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 : 94HB.

Polypropylene PP

- Ideal for use at high temperatures
- High resistance to chemical attack
- Reduced mechanical characteristics
- Inflammability : 94HB.

Reinforced polypropylene PP FV

- This material offers better dimensional stability and rigidity than PP polypropylene as well as better mechanical strength
- Inflammability : 94HB.

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 : 94HB.

Polyethylene PE (UHMWPE + solid lubricant)

- Compared to polyethylene PE offers a reduced friction coefficient, with a consequent higher wear resistance
- Do not leave traces on the container
- 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 : 94HB.

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.

Material characteristics

Chain Guide Components

Part./Art./Réf. **742**



S19

Part./Art./Réf. **674**



S19

Part./Art./Réf. **669**



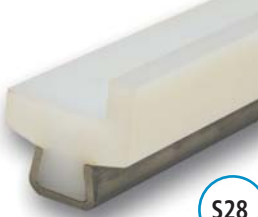
S25

Part./Art./Réf. **764**



S28

Part./Art./Réf. **766**



S28

Part./Art./Réf. **727-728**



S46

Part./Art./Réf. **758**



S49

Part./Art./Réf. **729**



S53

Frame Support Components

Part./Art./Réf. **690**



S177

Part./Art./Réf. **706**



S178

Part./Art./Réf. **707**



S178

Part./Art./Réf. **709**



S161

Part./Art./Réf. **685**



S177

Part./Art./Réf. **686-687**



S180

Part./Art./Réf. **688**



S181

Part./Art./Réf. **689**



S181

Product Handling Components

Part./Art./Réf. **715**



S62

Part./Art./Réf. **594XLF**



S66

Part./Art./Réf. **769-770**



S67

Part./Art./Réf. **767-768**



S68

Part./Art./Réf. **765**



S69

Part./Art./Réf. **730**



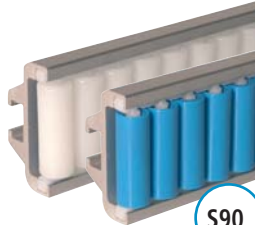
S87

Part./Art./Réf. **733**



S86

Part./Art./Réf. **757**



S90

Part./Art./Réf. **755**



S91

Part./Art./Réf. **757**



S92

Part./Art./Réf. **755**



S93

Part./Art./Réf. **721**



S86

Part./Art./Réf. **756**



S94

Part./Art./Réf. **754**



S95

Part./Art./Réf. **756**






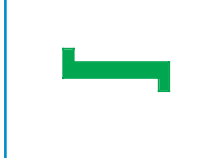




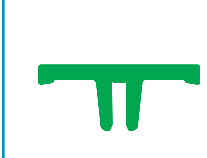





























S96

Part./Art./Réf. **754**

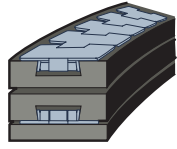


S97

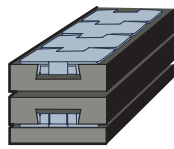
<p>Part./Art./Réf. 656-731</p>  <p>S98</p>	<p>Part./Art./Réf. 736-737-738</p>  <p>S107</p>		<p>Part./Art./Réf. 739</p>  <p>S108</p>	<p>Part./Art./Réf. 740</p>  <p>S108</p>
<p>Part./Art./Réf. 693-694</p>  <p>S110</p>	<p>Part./Art./Réf. 676</p>  <p>S116</p>	<p>Part./Art./Réf. 697-698</p>  <p>S117</p>	<p>Part./Art./Réf. 662</p>  <p>S118</p>	<p>Part./Art./Réf. 708</p>  <p>S123</p>
<p>Part./Art./Réf. 679</p>  <p>S146</p>	<p>Part./Art./Réf. 680</p>  <p>S147</p>	<p>Part./Art./Réf. 682</p>  <p>S148</p>	<p>Part./Art./Réf. 677</p>  <p>S148</p>	<p>Part./Art./Réf. 705</p>  <p>S150</p>
<p>Part./Art./Réf. 704</p>  <p>S150</p>	<p>Part./Art./Réf. 699-718</p>  <p>S151</p>	<p>Part./Art./Réf. 692</p>  <p>S152</p>	<p>Part./Art./Réf. 691</p>  <p>S152</p>	<p>Part./Art./Réf. 663</p>  <p>S153</p>
<p>Part./Art./Réf. 661</p>  <p>S153</p>	<p>Part./Art./Réf. 732</p>  <p>S155</p>	<p>Miscellaneous Components</p>		<p>Part./Art./Réf. 671</p>  <p>S192</p>
<p>Part./Art./Réf. 672</p>  <p>S194</p>	<p>Part./Art./Réf. 612</p>  <p>S199</p>	<p>Part./Art./Réf. 666</p>  <p>S201</p>	<p>Part./Art./Réf. 667</p>  <p>S201</p>	<p>Part./Art./Réf. 668</p>  <p>S201</p>

<p>Chain Guide Profiles</p>					
	<p>Part. 262 - Pag. S16 Chain guide profile.</p>	<p>Part. 261 - Pag. S16 Chain guide profile.</p>	<p>Part. 243 - Pag. S16 Chain guide profile.</p>	<p>Part. 241 - Pag. S17 Chain guide profile.</p>	<p>Part. 251 - Pag. S17 Chain guide profile.</p>
					
<p>Part. 244 - Pag. S17 Chain guide profile.</p>	<p>Part. 551 - Pag. S18 Chain inlet guide for Part. 261-243-244.</p>	<p>Part. 742 - Pag. S19 For chains 114,3 mm (K 450).</p>	<p>Part. 674 - Pag. S19 For wide chain.</p>	<p>Part. 263 - Pag. S20 Multiple strands 82,5 mm (K 32f5)/ pitch 88 mm.</p>	<p>Part. 242 - Pag. S20 Multiple strands 82,5 mm (K 325)/ pitch 88 mm.</p>
					
<p>Part. 362 - Pag. S20 Multiple strands 82,5 mm (K 325)/ pitch 85 mm</p>	<p>Part. 386 - Pag. S21 Multiple strands 87 mm (K 343)/ pitch 88 mm.</p>	<p>Part. 387 - Pag. S21 Multiple strands 87 mm (K 343)/ pitch 88 mm.</p>	<p>Part. 634 - Pag. S21 Chain guide profile.</p>	<p>Part. 366 - Pag. S22 Multiple strands 82,5 mm (K 325)/ pitch 88 mm.</p>	<p>Part. 367 - Pag. S22 Multiple strands 82,5 mm (K 325)/ pitch 85-83,5 mm.</p>
					
<p>Part. 368 - Pag. S22 Chain guide profile.</p>	<p>Part. 371 - Pag. S23 Mounting block for Part. 366-367-368.</p>	<p>Part. 621 - Pag. S23 Connecting block for Part. 366-367-368.</p>	<p>Part. 559 - Pag. S23 Clamp for Part. 366-367-368.</p>	<p>Part. 550 - Pag. S24 Chain inlet guide for Part. 366.</p>	<p>Part. 550 - Pag. S24 Chain inlet guide for Part. 367.</p>
					
<p>Part. 370 - Pag. S24-S33 Sealing profile for Part. 366-367-368-422.</p>	<p>Part. 669 - Pag. S25 Side transfer guide shoe.</p>	<p>Part. 768 - Pag. S26 Chain guide profile.</p>	<p>Part. 767 - Pag. S26 Chain guide profile.</p>	<p>Part. 356 - Pag. S27 Chain guide profile.</p>	<p>Part. 310 - Pag. S27 Chain guide profile.</p>
					
<p>Part. 765 - Pag. S27 Chain guide profile.</p>	<p>Part. 766 - Pag. S28 Chain guide profile for modular chains.</p>	<p>Part. 764 - Pag. S28 Chain guide profile for TAB chains.</p>	<p>Part. 223 - Pag. S29 Chain guide profile for roller chain ANSI 60.</p>	<p>Part. 274 - Pag. S29 Chain guide profile for roller chain ISO 12 B1.</p>	<p>Part. 903 - Pag. S28 ViseClamp™.</p>
					
<p>Part. 902 - Pag. S28 ViseSplice™.</p>	<p>Part. 215 - Pag. S31 Clamp.</p>	<p>Part. 216 - Pag. S31 Clamp.</p>	<p>Part. 275 - Pag. S31 Clamp.</p>	<p>Part. 422 - Pag. S32 Multiple strands 82,5 mm (K 325)/ pitch 85-83,5 mm.</p>	<p>Part. 369 - Pag. S31 Connecting bar for Part.422.</p>

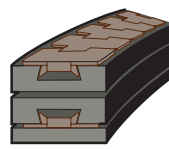
Corner Tracks and Straight Tracks



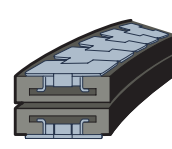
Serie KSU - Pag. S34
Corner tracks for chains
Series 881-8811-880-879.



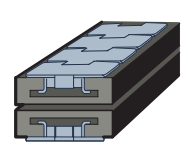
Serie SSU - Pag. S34
Straight tracks for chains
Series 881-8811-880-879.



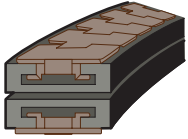
Serie KSU 200 - Pag. S35
Straight tracks for Series
882.



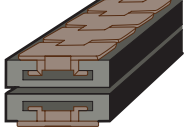
Serie KTU - Pag. S36
Corner tracks for Serie 881T-8811T-
879T-880T-RH-RHD-1050T-1055T.



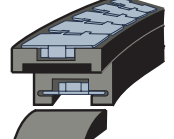
Serie STU - Pag. S36
Straight tracks for Series 881T-8811T-
879T-880T-RH-RHD-1050T-1055T.



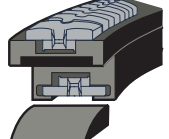
Serie KTU 200 - Pag. S37
Corner tracks for Series
882 TAB-HDF.



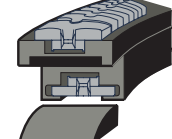
Serie STU 200 - Pag. S37
Straight tracks for Series
882 TAB-HDF.



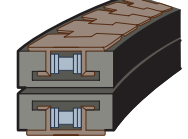
Serie COMBI C - Pag. S38
Magnetic corner tracks Series 881M-
RHM-RHMD 325 LBP-HDFM LBP.



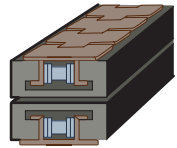
Serie COMBI CB - Pag. S39
Magnetic corner tracks Series
FGM 1050 - FTM 1060.



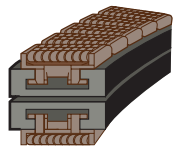
Serie COMBI CC - Pag. S39
Magnetic corner tracks
Series FTM 1055.



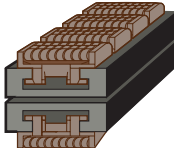
Serie KTU 300 - Pag. S40
Corner tracks for Series
1874-1873-3873.



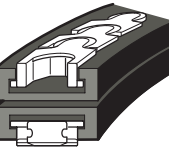
Serie STU 300 - Pag. S40
Straight tracks for Series
1874-1873-3873.



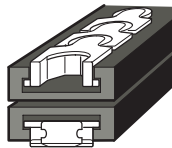
Serie KTU 200 - Pag. S41
Corner tracks for Series
LBP 883.



Serie STU 200 - Pag. S41
Straight tracks for Series
LBP 883.



Serie KTU 500 - Pag. S42
Corner tracks for Series 1700TABK-
1790TABK-1710TABK-1713TABK.



Serie STU 500 - Pag. S42
Straight tracks for Series 1700TABK
1790TABK-1710TABK-1713TABK.

Roller for Chain Return



Part. 153 - Pag. S43
Snap-on wear shoe.



Part. 73 - Pag. S44
Roller \varnothing 42,5 mm. For K82,5.
For K82,5/pitch 83,5-88.



Part. 126 - Pag. S44
Distance gear.



Part. 125 - Pag. S44
Double roller \varnothing 42,5 mm. Multiple
strands K82,5 / pitch 88.



Part. 125 - Pag. S45
Double roller \varnothing 42,5 mm. Multiple
strands K82,5 / pitch 85.



Part. 421 - Pag. S45
Roller \varnothing 42,5 mm. Multiple
strands K82,5 / pitch 83,5.



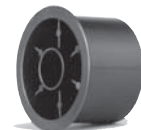
Part. 388 - Pag. S45
Roller \varnothing 42,5 mm. Multiple
strands K87 / pitch 88



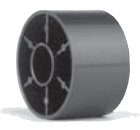
Part. 727 - Pag. S46
Roller \varnothing 46 mm. high sanitation.
Multiple str. K82,5/84-K114,3/120.



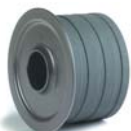
Part. 728 - Pag. S46
Roller \varnothing 46 mm. high sanitation.
Multiple strands K82,5/pitch 84.



Part. 561 - Pag. S47
Roller \varnothing 50 mm. For K82,5. Multiple
strands K82,5 / pitch 83,5-88.



Part. 560 - Pag. S47
Roller \varnothing 50 mm. Multiple
strands K82,5 / pitch 83,5.



Part. 614 - Pag. S48
Roller \varnothing 60 mm. For K82,5. Multiple
strand K82,5 / pitch 83,5-88.



Part. 613 - Pag. S48
Roller \varnothing 60 mm. Multiple
strand K82,5/pitch 83,5-85.



Part. 657 - Pag. S49
Roller \varnothing 60 mm. Multiple
strand K82,5 / pitch 85.



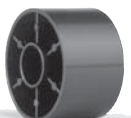
Part. 758 - Pag. S49
Roller \varnothing 60 mm. Multiple
strand K82,5 / pitch 85.



Part. 624 - Pag. S49
Distance gear.



Part. 556 - Pag. S50
Roller \varnothing 60 mm. For K82,5. Multiple
strand K82,5 / pitch 83,5-88.



Part. 554 - Pag. S50
Roller \varnothing 60 mm. Multiple
strands K82,5/pitch 83,5-85.



Part. 555 - Pag. S50
Guiding flange for part.
554-613-657-758.



Part. 11 - Pag. S51
Roller \varnothing 60 mm. For K82,5
Multiple strand K82,5/pitch 88.



Part. 37 - Pag. S51
Guiding flange for part. 11.



Part. 67-22-74 - Pag. S52
Rollers. For K82,5-101,6 Multiple
stran K82,5/pitch 85-88.



Part. 22 M - Pag. S52
Roller. Multiple strands
K82,5 / pitch 85.

Serpentine Guides for Chain Return



Part. 729 - Pag. S53
Chain return guide.



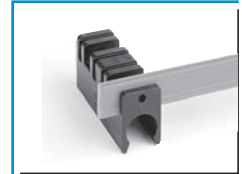
Part. 523 - Pag. S53 - S54
Spacer.



Part. 533 - Pag. S55
Striker.



Part. 533 - Pag. S55
Striker (centre). Multiple strands K82,5 / pitch 85.



Part. 524 - Pag. S55
Sliding profile.

Expansion Plugs



Part. 565 - Pag. S58
Expansion plug for tubes
ø 18-20 mm.



Part. 179 - Pag. S58
Expansion plug for tubes
ø 38-42,4 mm.



Part. 566 - Pag. S59
Expansion plug for square tubes 20 mm.



Part. 592 - Pag. S59
Expansion plug for square tubes 40 mm.

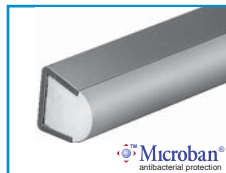
Product Guides



Part. 317 - Pag. S60
Half-round guide rail. Delicate containers (PET empty).



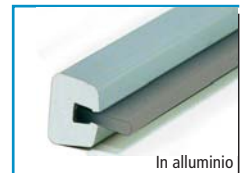
Part. 223 - Pag. S60
Flat guide rail. Middle delicate containers (PET full).



Part. 219-219XLF - Pag. S61
Round guide rail. Middle strong containers (glass).



Part. 247 - Pag. S61
Round guide rail. Middle strong containers (glass).



Part. 715-715XLF - Pag. S62
Side guide. Delicate containers (PET empty).



Part. 346 - Pag. S63
Half-round guide rail. Low side load (brick).



Part. 369 - Pag. S63-S70
Connecting bar for Part.346-422.



Part. 393 - Pag. S64
Label protection.



Part. 596 - Pag. S64
Label protection. Unstable containers.



Part. 308 - Pag. S65
Overhead transport PET bottles.



Part. 594XLF - Pag. S66
Overhead transport PET bottles.



Part. 654-654XLF - Pag. S66
Overhead transport PET bottles.



Part. 770 - Pag. S67
Flat guide rail. Rugged containers.



Part. 769 - Pag. S67
Flat guide rail. Rugged containers.



Part. 768 - Pag. S68
Flat guide rail. Rugged containers.



Part. 767 - Pag. S68
Flat guide rail. Rugged containers.



Part. 273 - Pag. S69
Flat guide rail. Rugged containers.



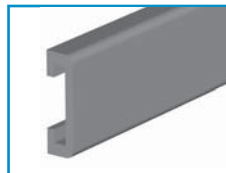
Part. 765 - Pag. S69
Extra flat guide rail.



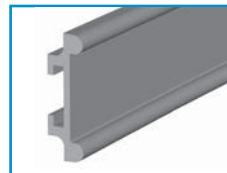
Part. 422 - Pag. S70
Extra flat guide rail. Rugged containers.



Part. 370 - Pag. S70
Sealing profile for Part.422. Improves Guide cleanliness.



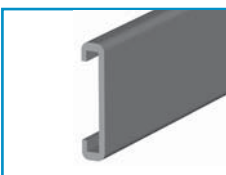
Part. 639 - Pag. S71
Extra flat guide rail.



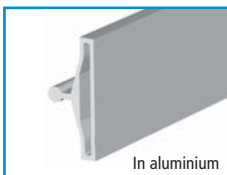
Part. 640 - Pag. S71
Round guide rail.



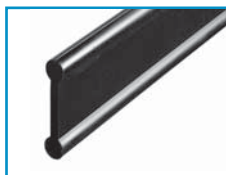
Part. 641 - Pag. S71
Metal profile for Part.639-640.



Part. 642 - Pag. S72
Extra flat guide rail. Rugged containers.



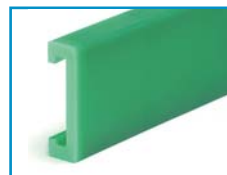
Part. 643 - Pag. S72
Metal profile for Part.642.



Part. 644 - Pag. S73
Round guide rail. Middle strong containers (glass).



Part. 645 - Pag. S73
Profile for round steel rods.



Part. 539 - Pag. S73
Extra flat guide rail. Assembly with 40x8 mmplate.



Part. 605 - Pag. S74
Extra flat centre guide. Glass containers without side load.



Part. 606 - Pag. S74
Divider module for Part.605.



Part. 605 - Pag. S75
Extra flat centre guide. Glass containers without side load.



Part. 606 - Pag. S75
Divider module for Part.605.



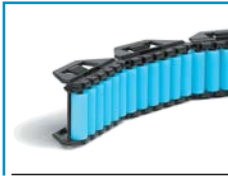
Part. 191-296 - Pag. S76
Extra large guide rail. Assembly with 60x6 mm plate.



Part. 376-377 - Pag. S76
End plug for Part.191-296.



Part. 378-379 - Pag. S77
Joint clamp for Part.191-296.



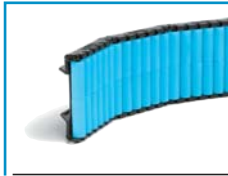
Part. 581-722 - Pag. S78
Roller side guide. Thin-walled containers.



Part. 585-724 - Pag. S78
Roller centre guide. Thin-walled containers.



Part. 586-761 - Pag. S79
Divider module for Part.585.



Part. 581-722 - Pag. S80
Roller side guide. Thin-walled containers.



Part. 585-724 - Pag. S80
Roller centre guide. Thin-walled containers.



Part. 586-761 - Pag. S81
Divider module for Part.585.



Part. 580 - Pag. S82
Roller side guide. Medium strength containers.



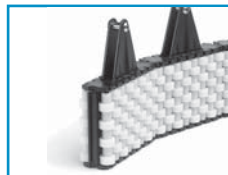
Part. 557 - Pag. S82
Roller centre guide. Medium strength containers.



Part. 570 - Pag. S83
Divider module for Part.557.



Part. 580 - Pag. S84
Roller side guide. Medium strength containers.



Part. 557 - Pag. S84
Roller centre guide. Medium strength containers.



Part. 570 - Pag. S85
Divider module for Part.557.



Part. 733 - Pag. S86
Roller side guides. Cans.



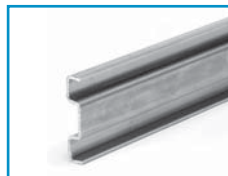
Part. 721 - Pag. S86
Roller centre guides. Cans.



Part. 730 - Pag. S87
Separation Block.



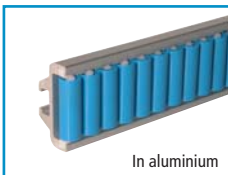
Part. 628 S - Pag. S88
Roller side guide. Medium strength containers.



Part. 537 - Pag. S89
Metal profile 40x8.



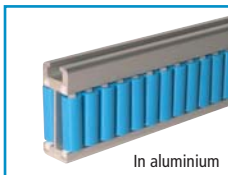
Part. 535 - Pag. S89
Bolts set for Part.535.



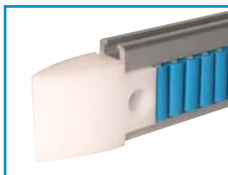
Part. 757 - Pag. S90
Roller side guides. In aluminium.



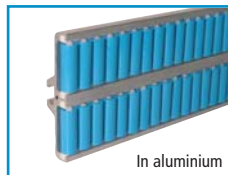
Part. 760 - Pag. S90
Separation Block.



Part. 755 - Pag. S91
Roller centre guides. In aluminium.



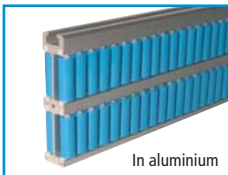
Part. 759 - Pag. S91
Separation Block.



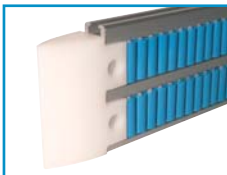
Part. 757 - Pag. S92
Roller side guides. In aluminium.



Part. 760 - Pag. S92
Separation Block.



Part. 755 - Pag. S93
Roller centre guides. In aluminium.



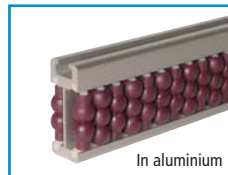
Part. 759 - Pag. S93
Separation Block.



Part. 756 - Pag. S94
Pearl™ roller side guide. In aluminium.



Part. 760 - Pag. S94
Separation Block.



Part. 754 - Pag. S95
Pearl™ roller centre guide. In aluminium.



Part. 759 - Pag. S95
Separation Block.



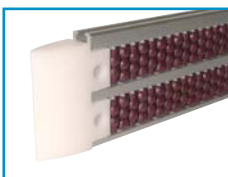
Part. 756 - Pag. S96
Pearl™ roller side guide. In aluminium.



Part. 760 - Pag. S96
Separation Block.



Part. 754 - Pag. S97
Pearl™ roller centre guide. In aluminium.



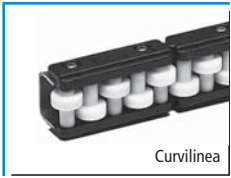
Part. 759 - Pag. S97
Separation Block.



Part. 656-731 - Pag. S98
Roller centre guides. In aluminium.

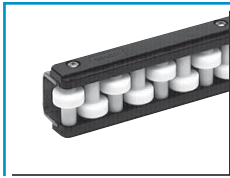


Part. 369 - Pag. S63-S70
Connecting bar for Part.754-755-756-757-656-731.

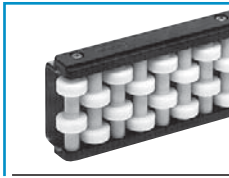


Curviline

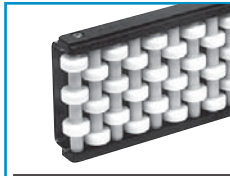
Part. 128 S - Pag. S99
Roller side guide.
Rugged containers.



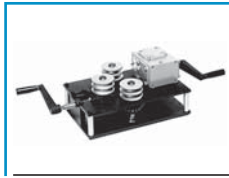
Part. 128 - Pag. S99
Roller side guide.
Rugged containers.



Part. 128 - Pag. S100
Roller side guide.
Rugged containers.



Part. 128 - Pag. S100
Roller side guide.
Rugged containers.



Part. 218 - Pag. S101
Guide rail bending machine
(manual).



Part. 233 - Pag. S102
Rollers for bending.

Guide Rail Clamps



Part. 210 P - Pag. S104
Guide rail clamp.



Part. 210 - Pag. S104
Guide rail clamp.



Part. 275 - Pag. S105
Guide rail clamp.



Part. 211 - Pag. S105
Guide rail clamp
(adjustable).



Part. 446 - Pag. S105
Guide rail clamp
(adjustable).



Part. 213 - Pag. S106
Guide rail clamp
(double).



Part. 213 - Pag. S106
Guide rail clamp
(double).



Part. 736-737-738 - Pag. S107
Sliding joint clamp.



Part. 739-739P - Pag. S108
Swivel pin connection.



Part. 740-740P - Pag. S108
Swivel pin connection.



Part. 903 - Pag. S109
ViseClamp™.



Part. 216 - Pag. S109
Guide rail clamp.



Part. 215 - Pag. S109
Guide rail clamp.



Part. 693 - Pag. S110
Guide rail clamp
with one fixing screws.



Part. 694 - Pag. S110
Guide rail clamp
with two fixing screw.



Part. 217 - Pag. S111
Guide rail clamp
(double).



Part. 902 - Pag. S111
ViseSplice™.



Part. 214 - Pag. S111
Connecting clamp.



Part. 236 - Pag. S112
Guide rail clamp.



Part. 236 - Pag. S112
Guide rail clamp.



Part. 237 - Pag. S113
Guide rail clamp
(adjustable).



Part. 116 - Pag. S113
Guide rail clamp
(double).



Part. 111 - Pag. S113
Guide rail clamp
(double).



Part. 82P - Pag. S114
Guide rail clamp.



Part. 82-82B - Pag. S114
Guide rail clamp.



Part. 478 - Pag. S115
Guide rail clamp
(pivoting).



Part. 159-437 - Pag. S115
Guide rail clamp
(adjustable).



Part. 451 - Pag. S115
Guide rail clamp
(adjustable).



Part. 71 - Pag. S116
Guide rail clamp
(double).



Part. 70 - Pag. S116
Guide rail clamp
(double).



Part. 676 - Pag. S116
Joint clamp.



Part. 697 - Pag. S117
Guide rail clamp
with one fixing screw.



Part. 698 - Pag. S117
Guide rail clamp
with two fixing screws.



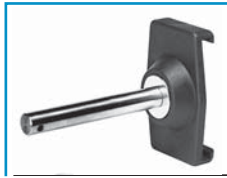
Part. 662 - Pag. S118
Guide rail clamp.



Part. 50 - Pag. S118
Guide rail clamp
(double).



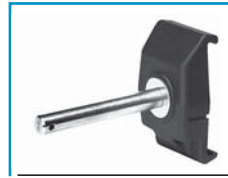
Part. 646 - Pag. S119
Guide rail clamp.



Part. 190 - Pag. S120
Guide rail clamp.



Part. 184 - Pag. S120
Guide rail clamp.



Part. 298 - Pag. S121
Guide rail clamp.



Part. 298 - Pag. S121
Guide rail clamp.



Part. 373 - Pag. S122
Guide rail clamp.

Guide- Rail Brackets



Part. 708 - Pag. S123
Bracket with eyebolt.



Part. 81 - Pag. S124
Bracket.



Part. 72 - Pag. S124
Bracket.



Part. 88 - Pag. S125
Bracket with ratched handle clamping.



Part. 89 - Pag. S125
Bracket with ratched handle clamping.

Adjustable Brackets Part.	Fixed Brackets Part.			
704+192 (699+192)	-	42,5	35,5	52 (128)
-	708	42,5	-	67,5
704+192 (699+192)	-	60	53	52 (128)
-	81-88	-	58	36
-	705	61	61	31
-	107	-	64,5	45
-	708	64,5	-	67,5
682-677	-	67	-	65
-	72-89	67	-	42,8
635-637-638 (650-652-653)	-	68	-	64 (48)
-	599	68	-	64
679	-	70	-	65
704+192 (699+192)	-	80	73	52 (128)
-	140	81	-	50
-	85	84,5	-	42
636 (651)	-	86	-	64 (48)
-	97-10	86	-	42
-	617	87	-	49
679	-	87,5	-	65
542-543-544	-	90	86	51
681	-	105,5	-	65
679	-	107,5	-	65
541	-	108	104	51
704+192 (699+192)	-	110	103	52 (128)
681	-	123	-	65
679	-	137,5	-	65
681	-	143	-	65
704+192 (699+192)	-	150	143	52 (128)
681	-	173	-	65
679	-	177,5	-	65
681	-	213	-	65

P = to increase the distance use the proper spacer



Part. 85 - Pag. S126
Bracket with eccentric lever.



Part. 10-97 - Pag. S126
Bracket with eccentric lever.



Part. 107 - Pag. S127
Bracket with eyebolt.



Part. 599 - Pag. S127
Bracket with eyebolt.



Part. 617 - Pag. S128
Bracket with eyebolt.



Part. 140 - Pag. S128
Bracket with eyebolt.



* **Part. 632** - Pag. S129
Adjustable bracket.



* **Part. 635** - Pag. S130
Adjustable bracket.



Part. 636 - Pag. S130
Adjustable bracket.



* **Part. 637** - Pag. S131
Adjustable bracket.



* **Part. 638** - Pag. S131
Adjustable bracket.



Part. 648 - Pag. S132
Adjustable bracket.



Part. 650 - Pag. S133
Adjustable bracket.



Part. 651 - Pag. S133
Adjustable bracket.



Part. 652 - Pag. S134
Adjustable bracket.



Part. 653 - Pag. S135
Adjustable bracket.



Part. 540 - Pag. S136
Adjustable bracket.



Part. 542 - Pag. S137
Adjustable bracket.

* Part. 163 - 178 - 193 - 257 available until April 2007.



Part. 541 - Pag. S137
Adjustable bracket.



Part. 544 - Pag. S138
Adjustable bracket.



Part. 543 - Pag. S139
Adjustable bracket.



Part. 255 - Pag. S140
Swivel head.



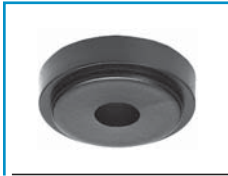
Part. 359 - Pag. S140
Swivel head.



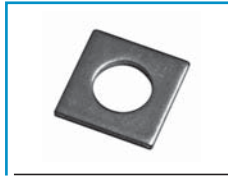
Part. 256 - Pag. S140
Swivel head.



Part. 192 - Pag. S141-149
Swivel head.



Part. 227 - Pag. S141
Spacer for adjustable brackets.



Part. 96 - Pag. S141
Square washer for Part.72-81-88-89.



Part. 61 - Pag. S142
Spacer.



Part. 142 - Pag. S142
Spacer.



Part. 545 - Pag. S143
Spacer.



Part. 725 - Pag. S143
Spacer.



Part. 226-336 - Pag. S144
Drip tray support.
Bent rod.



Part. 226-336 - Pag. S144
Drip tray support.
Straight Rod.



Part. 338 - Pag. S145
Mounting plate for Part.226-336.



Part. 678 - Pag. S146
Adjustable side bracket.



Part. 679 - Pag. S146
Adjustable side bracket.



Part. 680 - Pag. S147
Adjustable side bracket.



Part. 681 - Pag. S147
Adjustable side bracket.



Part. 682 - Pag. S148
Adjustable side bracket.



Part. 677 - Pag. S148
Adjustable side bracket.



Part. 683 - Pag. S149
Eyebolt (with knob).



Part. 684 - Pag. S149
Eyebolt (with nut).



Part. 705 - Pag. S150
Side bracket.



Part. 704 - Pag. S150
Side bracket.



Part. 699 - Pag. S151
Side bracket.



Part. 718 - Pag. S151
Side bracket.



Part. 692 - Pag. S152
Side bracket.



Part. 692 - Pag. S152
Side bracket.



Part. 691 - Pag. S152
Cross clamp.



Part. 663 - Pag. S153
Locking clamp for round steel rod.



Part. 661 - Pag. S153
Cross clamp.



Connecting Clamps



Part. 340 - Pag. S154
Cross clamp.
Round and square holes.



Part. 174-174R - Pag. S154
Cross clamp.
Round hole.



Part. 174Q - Pag. S155
Cross clamp.
Round hole + square hole.



Part. 732 - Pag. S155
Cross clamp.



Part. 339 - Pag. S156
T clamp.



Part. 595 - Pag. S156
T clamp.



Part. 587 - Pag. S157
Cross clamp round hole.



Part. 587 - Pag. S157
Cross clamp square hole.



Part. 633 - Pag. S158
Cross clamp round hole
with ratchet handle clamping.



Part. 633 - Pag. S158
Cross clamp square hole
with ratchet handle clamping.



Part. 655 - Pag. S159
Cross clamp round hole
with ratchet handle clamping.



Part. 633 - Pag. S158
Cross clamp square hole
with ratchet handle clamping.

Side Mounting top Brackets



Part. 416 - Pag. S160
Side mounting top bracket
for tubes ø 33,7.



Part. 199 - Pag. S160
Side mounting top bracket for
tubes ø 48,3-50,8 square 38-40.



Part. 709 - Pag. S161
Side mounting top bracket
for tubes ø 60,3 square 50.



Part. 168 - Pag. S161
Side mounting top bracket
for tubes ø 48,3 square 40.



Part. 685 - Pag. S177
Side mounting top bracket
for tubes ø 48,3-50,8-60,3.

Bearing Heads



Part. 415 - Pag. S162
Bearing head for tubes
ø 33,7.



Part. 198 - Pag. S162
Bearing head for tubes
ø 48,3-50,8 square 38-40.



Part. 280 - Pag. S163
Bearing head for tubes
ø 48,3-50,8-60,3.



Part. 141 - Pag. S163
Bearing head for tubes
ø 60,3.



Part. 690 - Pag. S177
Bearing head for tubes
ø 48,3.

Support Bases



Part. 615 - Pag. S164
Support base for tubes
ø 38,1-42,4-48,3-50,8-60,3.



Part. 418 - Pag. S165
Support base for tubes
ø 33,7.



Part. 420 - Pag. S165-167
Reduction bushing for
Part.418-419. For tubes ø 26,9.



Part. 618 - Pag. S166
Support base for tubes
ø 38,1-42,4-48,3-50,8-60,3.



Part. 611 - Pag. S166
Support base for tubes
square 40-50-60.



Part. 419 - Pag. S167
Support base for tubes
ø 33,7.



Part. 619 - Pag. S168
Support base for tubes
ø 42,4-48,3-50,8-60,3.



Part. 616 - Pag. S169
Support base for tubes
ø 42,4-48,3-50,8-60,3.



Part. 124 - Pag. S169
Reduction bushing for Part.615-616-
618-619. For tubes ø 42,4-48,3-50-50,6.



Part. 707 - Pag. S178
Support base for tubes
ø 48,3-50,8-60,3.



Part. 706 - Pag. S178
Support base for tubes
ø 48,3-50,8-60,3.

Articulated Feet



Part. 98 - Pag. S170
Articulated feet.



Part. 323 - Pag. S170
Articulated feet fixing
holes.



Part. 171 - Pag. S171
Articulated feet fixing
holes.



Part. 627 - Pag. S179
Articulated feet Gripper.



Part. 623 - Pag. S179
Articulated feet Gripper.

Connecting Joints



Part. 562 - Pag. S172
Connecting joint for tubes
ø 33,7-38,1-42,4-48,3.

Part. 563 - Pag. S172
Connecting joint for tubes
ø 50,8-60,3.

Part. 564 - Pag. S173
Connecting joint for square
ubes 38-40-45-50.

Part. 417 - Pag. S174
Connecting joint for tubes
ø 33,7.

Part. 454 - Pag. S174
Connecting joint for tubes
ø 42,4.



Part. 137 - Pag. S175
Connecting joint for tubes
ø 48,3-60,3.

Part. 409 - Pag. S176
Connecting joint for tubes
ø 38-42,4-48,3-60,3.

Part. 686 - Pag. S180
Connecting joint for tubes
ø 48,3.

Part. 687 - Pag. S180
Connecting joint for tubes
ø 60,3.

Part. 688 - Pag. S181
Connecting joint for tubes
ø 48,3.

Part. 689 - Pag. S181
Connecting joint for tubes
ø 48,3-50,8.

Line Control Elements



Part. 342 - Pag. S182
Assembly kit for photocells
or sensors

Part. 341 - Pag. S182
Clamp for photocells
or sensors

Part. 341C - Pag. S183
Clamp for reflectors.

Part. 372 - Pag. S184
Universal clamp for
photocells or reflectors.

Part. 518 - Pag. S185
Control contact lever.

Hinges and Locks



Part. 337 - Pag. S186
270° hinge.

Part. 260 - Pag. S186
170° hinge.

Part. 260 - Pag. S187
170° hinge. For
misaligned mounting surfaces.

Part. 272 - Pag. S188
Lock.

Tightening Elements



Part. 302 - Pag. S189
Ratchet handle clamping.

Part. 303 - Pag. S189
Ratchet handle clamping.

Part. 182 - Pag. S190
Tightening knob.

Part. 183 - Pag. S190
Tightening knob.

Part. 625 - Pag. S191
Tightening knob.



Part. 185 - Pag. S192
Tightening knob.

Part. 671 - Pag. S192
Tightening knob.

Part. 734 - Pag. S193
Tightening knob.

Modular transfer roller plate



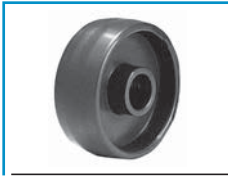
Part. 567 - Pag. S194
End transfer module
(with lip).

Part. 672 - Pag. S194
End transfer module
(with lip).

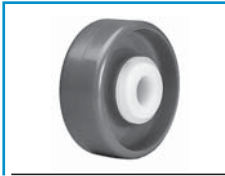
Part. 569 - Pag. S195
End transfer module.

Part. 568 - Pag. S195
Centre transfer module.

Part. 20-21 - Pag. S196
Roller.



Part. 16 - Pag. S196
Roller.



Part. 76 - Pag. S196
Roller.



Part. 63-95 - Pag. S197
Roller.



Part. 363 - Pag. S197
Roller.



Part. 455 - Pag. S197
Roller.

Modular Nose-Over Bar



Part. 905 - Pag. S198
Modular "Nose-Over"
bar standard profile.



Part. 905 - Pag. S198
Modular "Nose-Over"
bar low profile.

Shaft collars



Part. 612 - Pag. S199
Split shaft collar
(with round bore).



Part. 612 - Pag. S199
Split shaft collar
(with square bore).

Winding Tensioners



Part. 79 - Pag. S200
Winding tensioner.



Part. 75 - Pag. S200
Winding tensioner.

Caps



Part. 666 - Pag. S201
Closing caps
(for round tubes).



Part. 667 - Pag. S201
Closing caps
(for square tubes).



Part. 668 - Pag. S201
Safety caps for round tubes).

Cable Carriage Chains



Part. 112 - Pag. S202
Cable carriage chain.



Part. 114 - Pag. S202
Attachments.

Nozzles

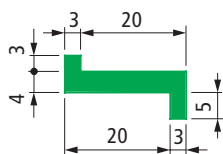


Part. 19 - Pag. S203
Nozzle conical shape.



Part. 18 - Pag. S203
Nozzle shell shape.

Part. 262



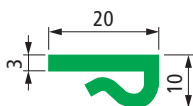
Reinforced version

Chain guide profile

Part.	Colour	Packaging metres	Code
262	Black	45	63651
	Green	45	632272*

* = new product
- Standard packaging : coil.

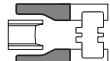
Part. 261



Chain guide profile

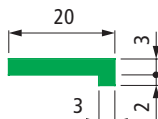
Part.	Packaging metres	Code	
		With Microban®	Without Microban®
261	40	651992	65681

- Applicable to 2,5 to 4 mm thick sheet metal.
- Colour : white (with Microban®), green (without Microban®)
- Standard packaging : coil.
- Accessories :

 Chain inlet guide shoe side Part.551. See page S18.



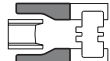
Part. 243



Chain guide profile

Part.	Packaging metres	Code	
		With Microban®	Without Microban®
243	90	698642*	63701

* = New product
- Colour : white (with Microban®), green (without Microban®)
- Standard packaging : coil.
- Accessories :

 Chain inlet guide shoe side Part.551. See page S18.



Material

Polyethylene UHMWPE with molecular density 5.600.000.

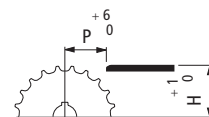
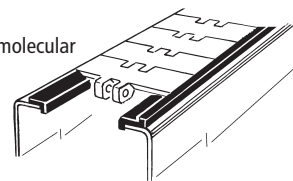
Linear expansion coefficient

2×10^{-4}
Calculation of thermal expansion see page S204.

Operating temperature

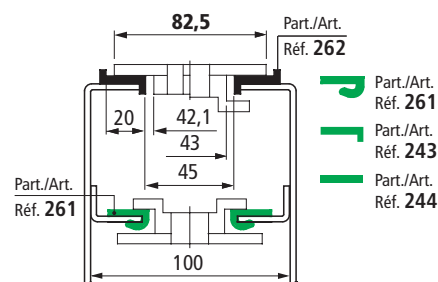
In air (- 40 to + 80 C).
In hot water (+ 70 C).

Position of guides. See page S205.

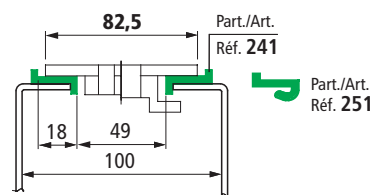


TableTop® chains series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

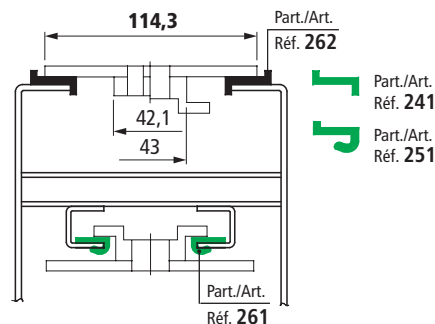
Chain width 82,5 mm (K 325) / Guide clearance 45 mm



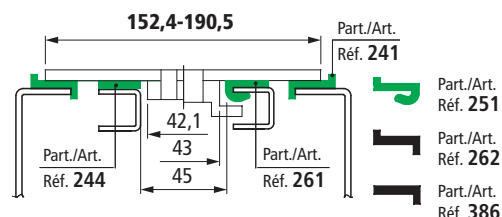
Chain width 82,5 mm (K 325) / Guide clearance 49 mm



Chain width 114,3 mm (K 450)

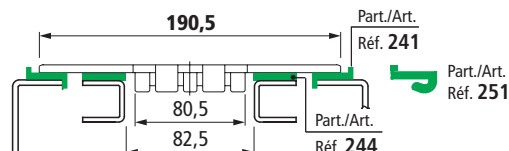


Chain width 152,4 mm (K600), 190,5 (K750)



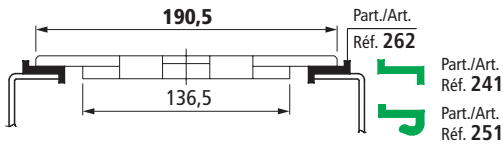
TableTop® double hinge chain series 802 - 805

Chain width 190,5 mm (K 750)

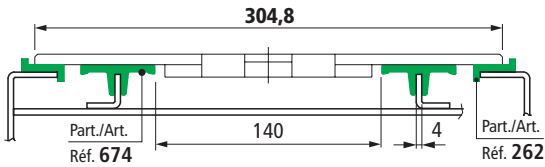


• **TableTop® double hinge chain series 821**

Chain width 190,5 mm (K 750)

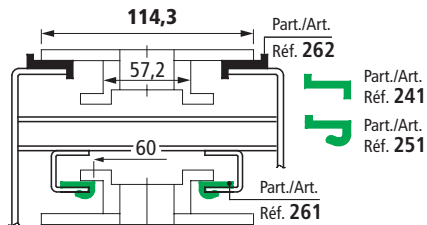


Chain width 304,8 mm (K 1200).

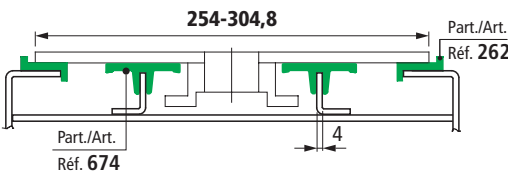


• **TableTop® chains series 882 TAB**

Chain width 114,3 mm (K 450)

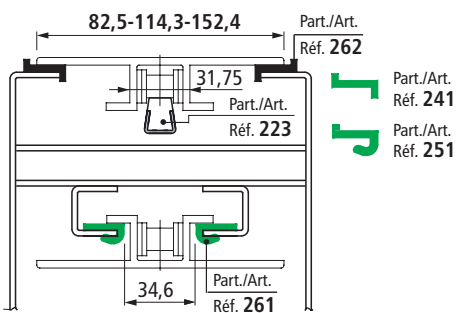


Chain width 254 mm (K 1000), 304,8 mm (K1200).



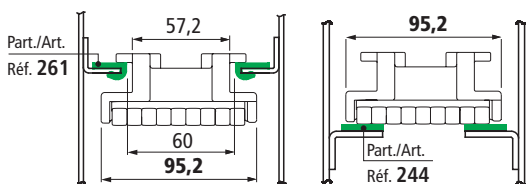
• **PlateTop chains series 1874 - 4874 - 1873**

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

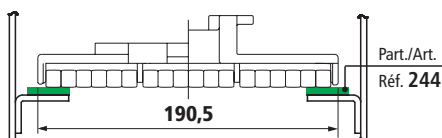


• **Low backline pressure chains series SLBP 882 TAB - SLBP 821**

Chain width 95,2 mm (K 375)



Chain width 190,5 mm (K 750)

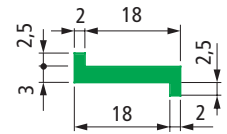


■ **Chain guide profile**

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

- Standard packaging : coil.

Part. 241

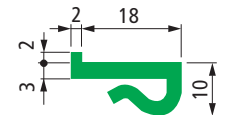


■ **Chain guide profile**

Part.	Colour	Packaging metres	Code
251	Green	40	63631

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

Part. 251

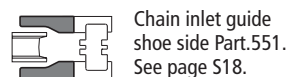


■ **Chain guide profile**

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
	Black	40 x 3	60	63661
		40 x 5	50	608172

- Standard packaging : coil.

- Accessories :



Part. 244

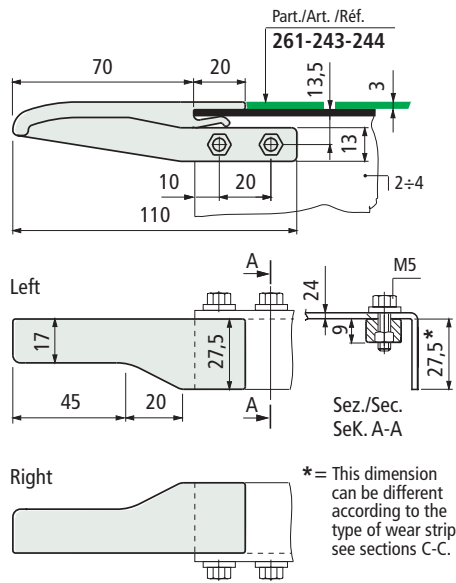


for Part. 261 - 243 - 244

Part. 551



Chain inlet guide shoe (side)

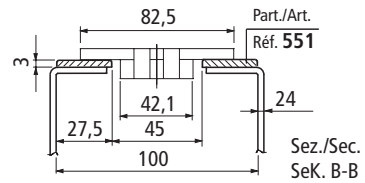
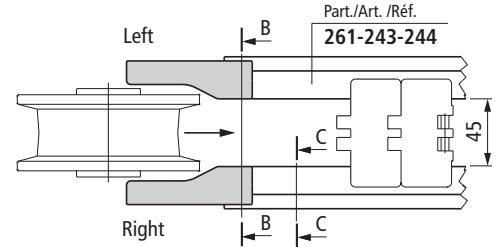


Part.	State of supply	Code	Weight kg
551	Left + Right	689501	0,025

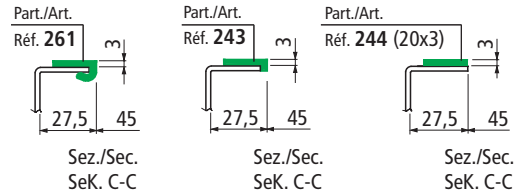
- Use : can be used in combination with Part. 261-243-244
- Material : polyamide PA (black).
- Packaging : 25 left + 25 right.

- Use for Part. 551
In TableTop® conveyors, chain inlet guide shoes shall be used near the idlers.

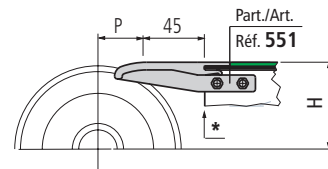
- Chain width 82,5 mm (K325).



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



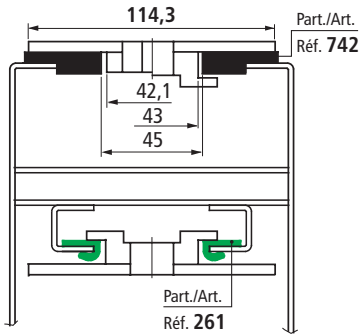
- Positioning



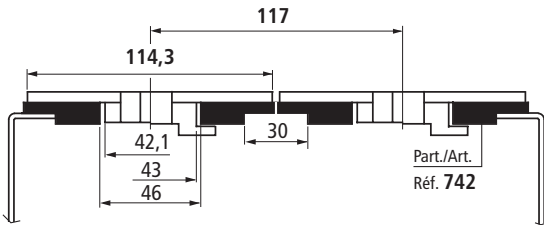
P = Chain pitch
H = See page S205.
* = Side frame edge

- Use of part. 742
Ideal with TableTop® chains width 114,3 mm (K450)

Chain width 114,3 mm (K450)

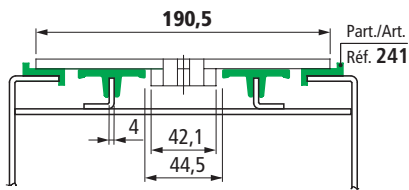


Chain width 114,3 mm (K450)/Pitch 117 mm

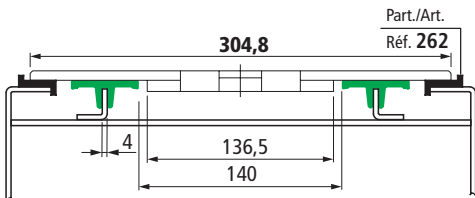


- Use of part. 674
Ideal as intermediate support for wide chains

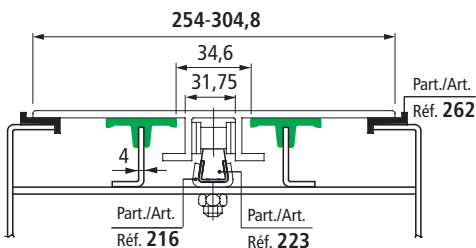
TableTop® chains series 820 width 190,5 (K750)



TableTop® double hinge chains series 821 width 304,8 (K1200)



PlateTop chains series 1873 width 254 (K1000) 304,8 (K1200)

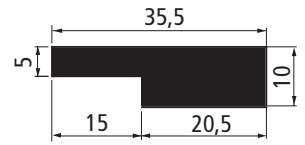


Chain guide profile

Part.	Colour	Code
742	Black	697572

- Material : Polyethylene UHMWPE with molecular density 5.600.000.
- Packaging : 96 metres. (bars of 6 metres).
- Linear expansion coefficient: 2×10^{-4}
- Operating temperature : In air (- 40 to + 80 °C).
In hot water (+ 70 °C).

Part. 742



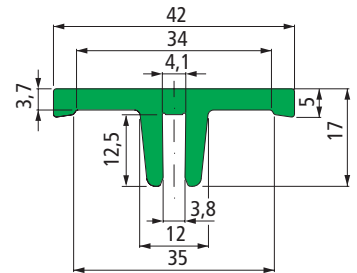
New Product

Chain guide profile

Part.	Colour	Lenght metres	Code
674	Green	3	675792
		6	675802

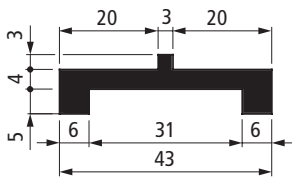
- Material : Polyethylene UHMWPE (green).
- On request other colours.
- Applicable to 4 mm thick sheet metal.
- Standard packaging : bars of 3 and 6 metres.
- Packaging : 24 metres.

Part. 674



New Product

Part. 263



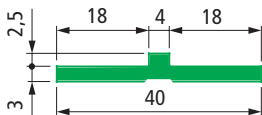
Reinforced version

Chain guide profile

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

- Standard packaging : bars of 3 and 6 metres.
 - Packaging : 96 metres.

Part. 242

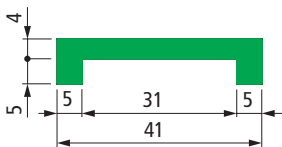


Chain guide profile

Part.	Colour	Packaging metres	Code
242	Green	80	63671

- 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

- Standard packaging : bars of 3 and 6 metres.
 - Packaging : 96 metres.

Material

Polyethylene UHMWPE with molecular density 5.600.000.

Linear expansion coefficient

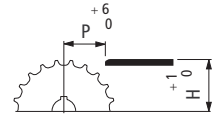
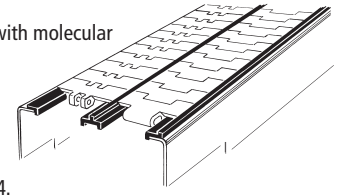
2×10^{-4}

Calculation of thermal expansion see page S204.

Operating temperature

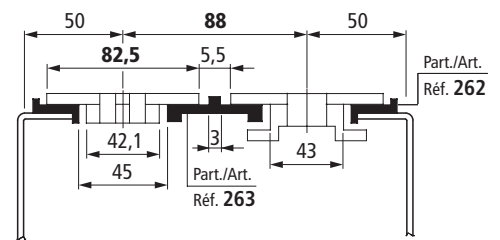
In air (- 40 to + 80 C).
 In hot water (+ 70 C).

Position of guides. See page S205.

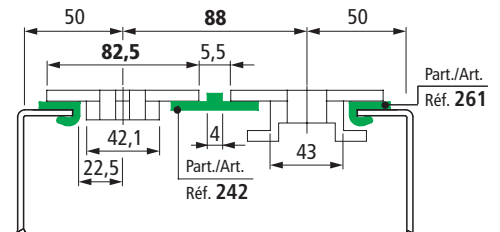


TableTop® chains series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

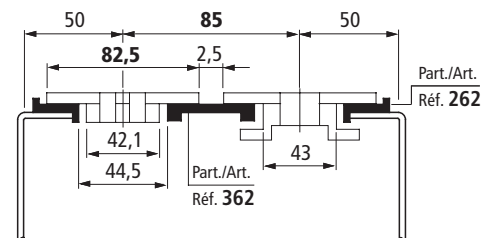
Chain width 82,5 mm (K 325) / Pitch 88 mm



Chain width 82,5 mm (K 325) / Pitch 88 mm



Chain width 82,5 mm (K 325) / Pitch 85 mm

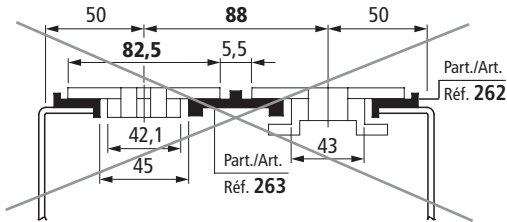


* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

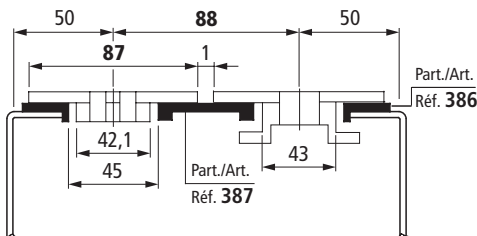
• TableTop® chains series 820 - 880TAB

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.

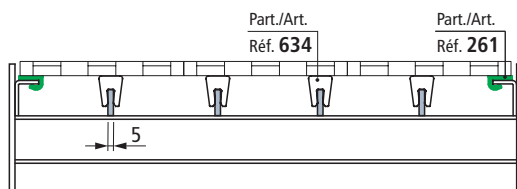


Change chains (from 82,5 mm to 87 mm width) and wear strip, in this way the Gap between chains is reduced (from 5,5 mm to 1 mm) while the conveyor frame is unchanged (pitch 88 mm)



• MatTop® modular chains

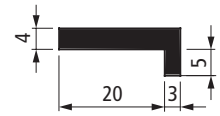
Parallel wear strips. Recommended with mediumlight loads.



■ Chain guide profile

Part.	Colour	Packaging metres	Code
386	Black	45	66096

- Can be used in combination with Part. 387.
- Standard packaging : coil.

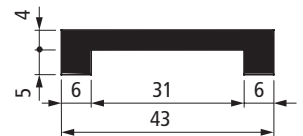


Reinforced version

■ Chain guide profile

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

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



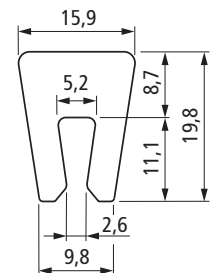
Reinforced version

■ Chain guide profile

Part.	Colour	Length metres	Code	
			With Microban®	Without Microban®
634	White	6	648132	650962

- Applicable to 5 mm thick sheet metal.
- Standard packaging : bars of 6 metres.
- Packaging : 96 metres.

Part. 634



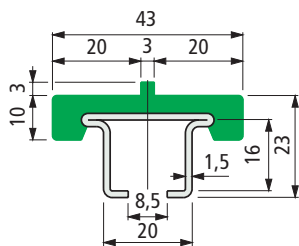
Microban®
antibacterial protection

* = 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



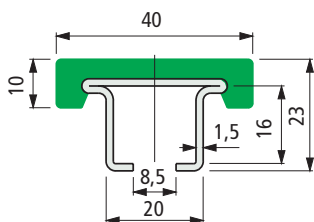
Part.	Metal profile material	Length metres	Code	Weight kg/m
366	Inox AISI 304	3	64056M	1,10
		6	69585M	
	Inox AISI 430	3	693252M*	1,10
		6	693262M*	

- * = New product
- Colour : green.
- Standard packaging : the plastic and metal profiles are supplied assembled.
- Plastic profile spare part code : 644071 (6 metres).
- Packaging: 18 metres.

Part. 367



Chain guide profile



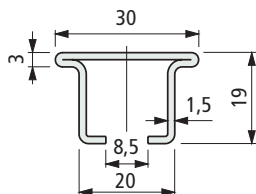
Part.	Metal profile material	Length metres	Code	Weight kg/m
367	Inox AISI 304	3	64046M	1,10
		6	69615M	
	Inox AISI 430	3	693272M*	1,10
		6	693282M*	

- * = New product
- Colour : green.
- Standard packaging : the plastic and metal profiles are supplied assembled.
- Plastic profile spare part. code : 68309 (6 metres).
- Packaging: 18 metres.

Part. 368



Chain guide profile



Part.	Metal profile material	Length metres	Code	Weight kg/m
368	Inox AISI 304	3	64066	0,90
		6	69645	
	Inox AISI 430	3	693292*	0,90
		6	693302*	

- * = New product
- Use : recommended with MatTop® chains in abrasive environment / high speed / high temperature.
- Packaging: 18 metres.

Material

Plastic profile in polyethylene UHMWPE with molecular density 5.600.000.

Linear expansion coefficient

2 x 10.⁻⁴
Calculation of thermal expansion see page S204.

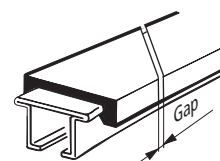
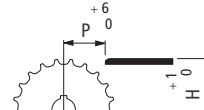
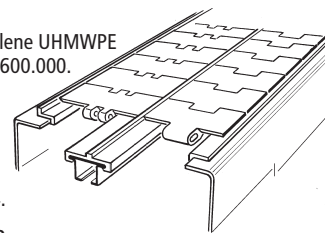
Operating temperature

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

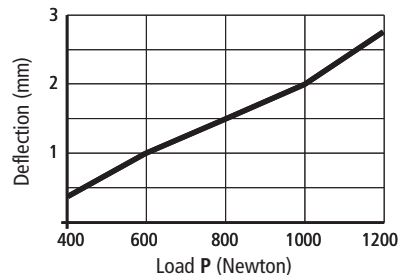
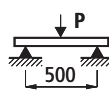
Position of guides. See page S205.

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.

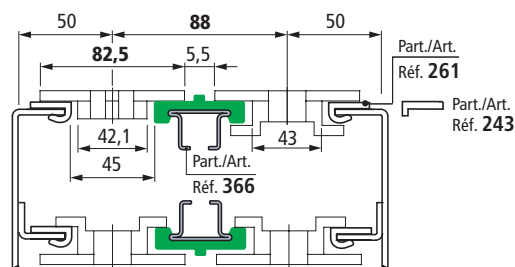


Deflection of Part. 366-367-368

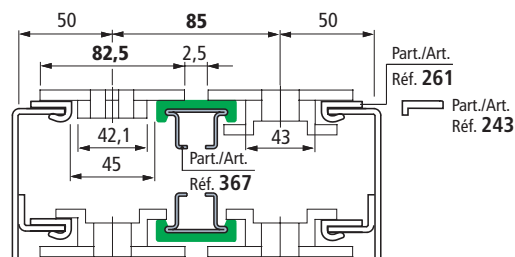


TableTop® chains series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

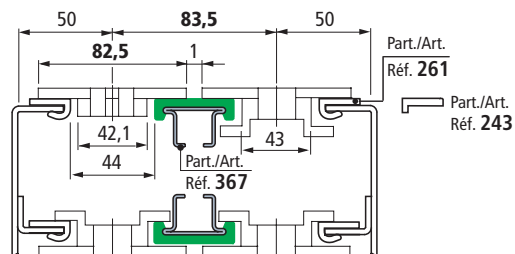
Chain width 82,5 mm (K 325) / Pitch 88 mm



Chain width 82,5 mm (K 325) / Pitch 85 mm

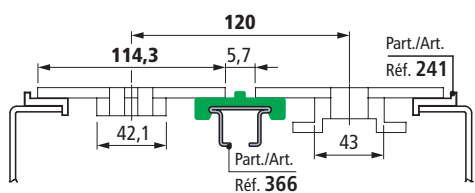


Chain width 82,5 mm (K 325) / Pitch 83,5 mm

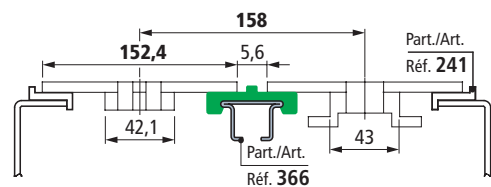


for Part. 366 - 367 - 368

Chain width 114,3 mm (K 450) / Pitch 120 mm

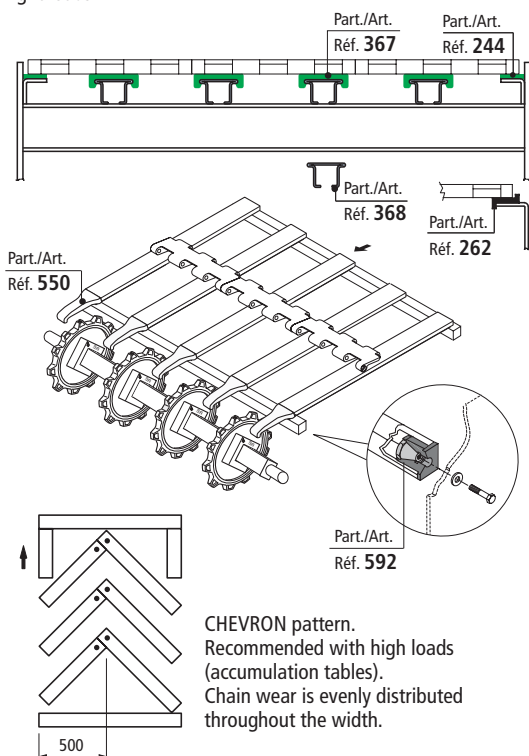


Chain width 152,4 mm (K 600) / Pitch 158 mm



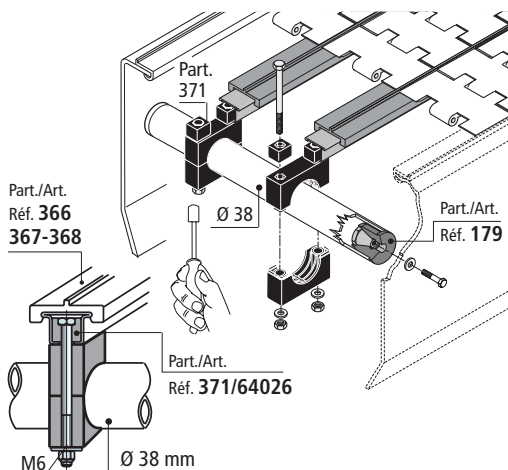
• MatTop® modular chains

Parallel wear strips. Recommended with medium light loads.

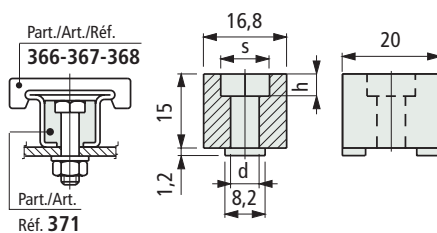


• Assembly of Part. 559

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



■ Mounting block



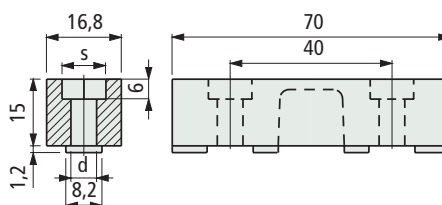
Part.	d mm	h mm	Hexagon s mm	Code
371	6,2 (for screws M 6)	4,5	10,2	64026*
	8,1 (for screws M 8)	6	13,2	61056

- 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



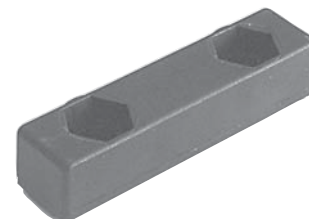
■ Connecting block



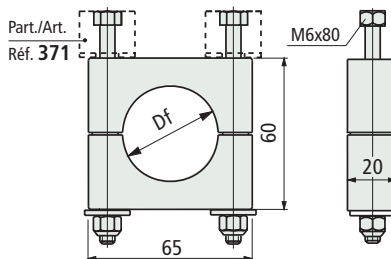
Part.	d mm	Hexagon s mm	Code
621	6,1 (for screws M 6)	10,2	670562*
	8,1 (for screws M 8 - 5/16")	13,2	635542

- = New product
- Use : easy connection of chain guide profiles Part. 366 - 367 - 368. Assembly with M6 - M8 - 5/16" hexagon bolt.
- Material : reinforced polyamide PA FV (black)
- Packaging : 100 pieces.

Part. 621



■ Connecting block



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. Self-locking nuts.
- Packaging : 50 pieces.

Part. 559



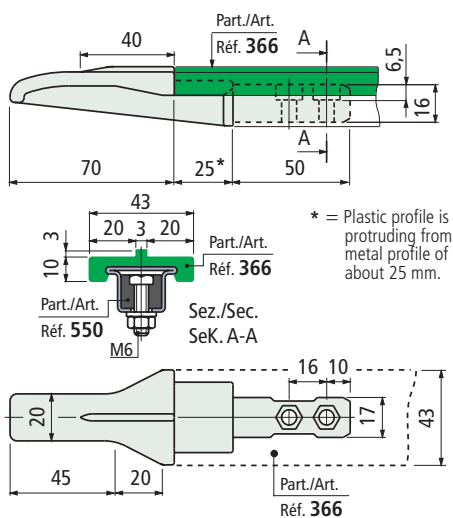
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

for Part. 366 - 367

Part. 550



Chain inlet guide shoe (centre)



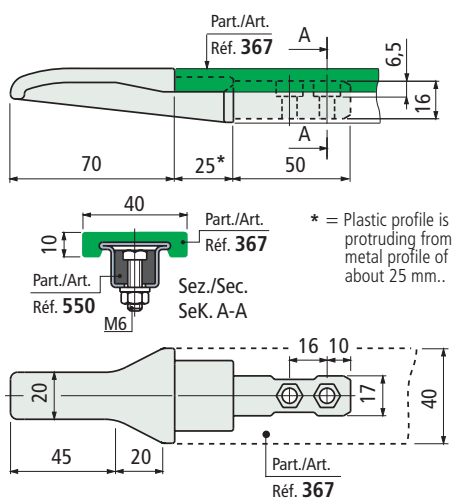
Part.	Code	Weight kg
550	689481	0,042

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

Part. 550



Chain inlet guide shoe (centre)



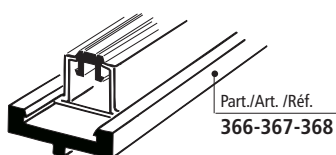
Part.	Code	Weight kg
550	689491	0,042

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

Part. 370



Sealing profile



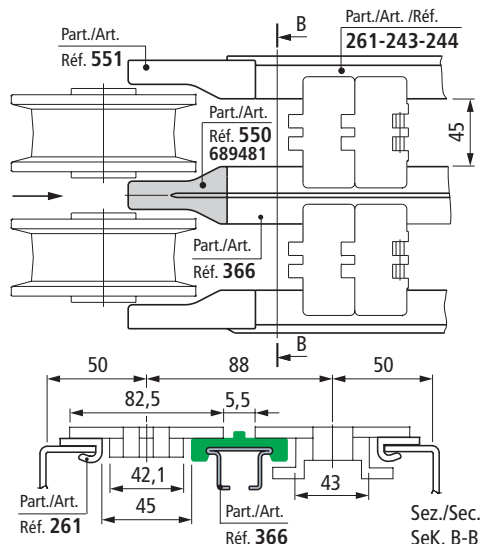
Part.	Code
370	61036*

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

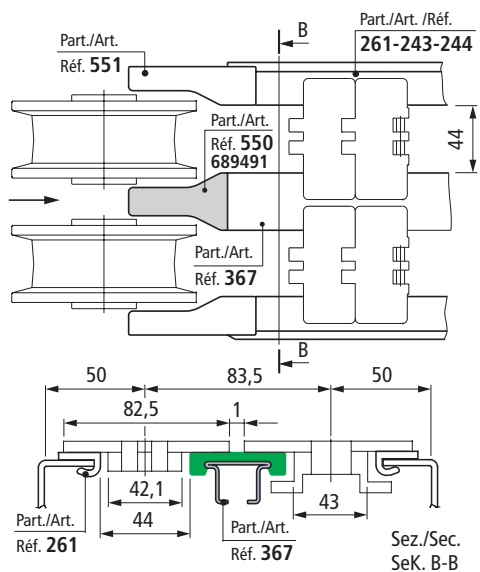
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

In TableTop® conveyors, chain inlet guide shoes shall be used near the idlers.
In MatTop® conveyors can be used near the sprockets too.

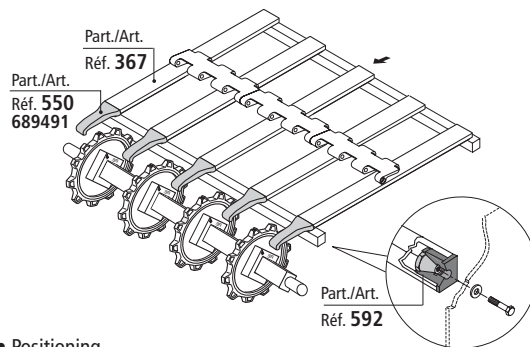
- Chain width 82,5 mm (K325) / Pitch 88 mm.



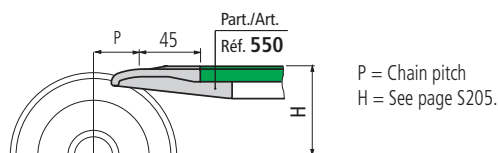
- Chain width 82,5 mm (K325) / Pitch 83,5 mm.



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



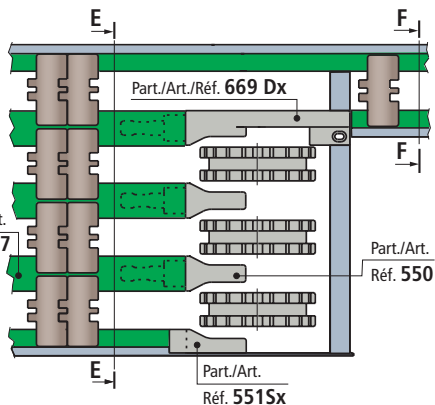
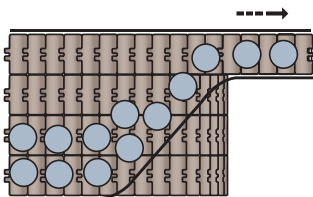
- Positioning



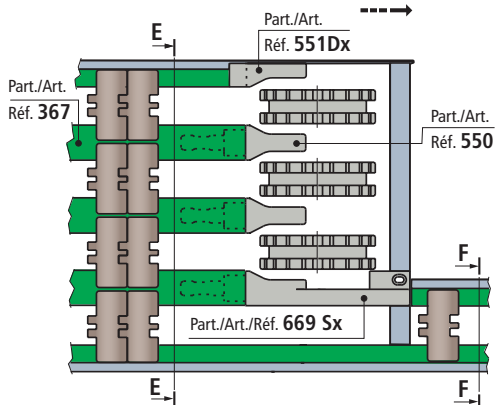
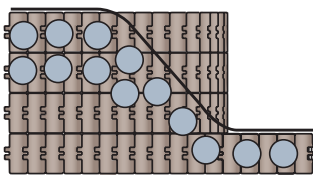
Chain Guide Profiles

for Part. 367

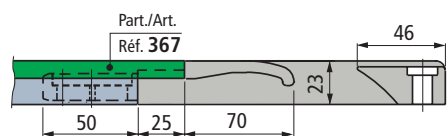
• Right shoe Dx



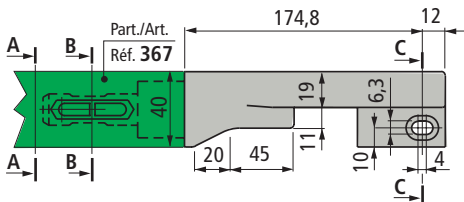
• Left shoe Sx



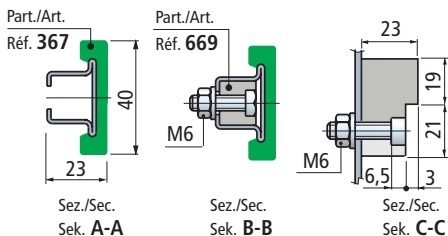
■ Side transfer guide shoe



Version right Dx



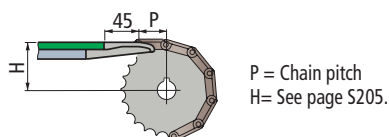
Version left Sx



Part.	Material	Version	Code	Weight kg
669	Polyethylene UHMWPE (white)*	Right Dx	686422	0,1
		Left Sx	686432	
	Poliammide PA (nera)	Right Dx	674212	0,1
		Left Sx	674222	

- Use : chain guide during side transfer
- * = Better resistance against chemical agents.
- Packaging : 10 pieces

• Positioning



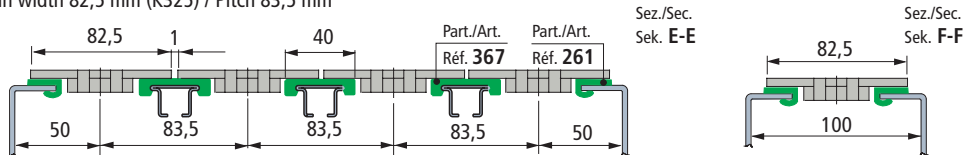
Part. 669



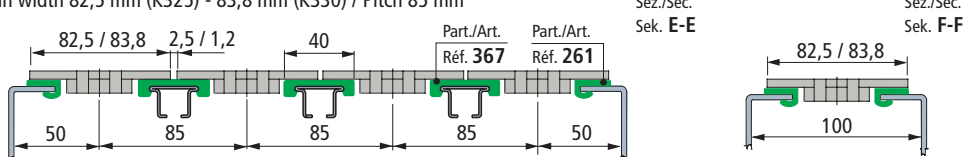
New Product

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

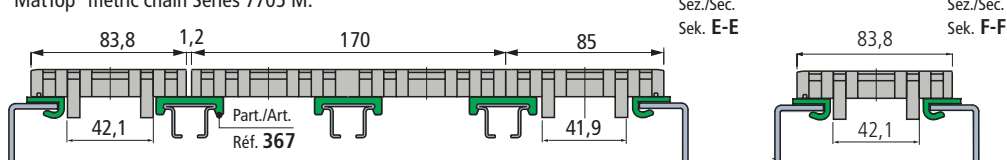
Chain width 82,5 mm (K325) / Pitch 83,5 mm



Chain width 82,5 mm (K325) - 83,8 mm (K330) / Pitch 85 mm



MatTop® metric chain Series 7705 M.



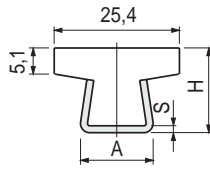
Part. 768



New Product



Chain-guide profile



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

Thickness S	Metal profile material	Length metres	Code	Weight kg/m
1,5	Inox AISI 304	3	609083	0,63
	Zinc plated steel	6	609093	
2	Inox AISI 304	3	609113	0,74
	Zinc plated steel	6	609123	

- Material : plastic profile in Polyethylene UHMWPE with molecular density 5.600.000 with Microban® antibacterial protection.
- Colour : white.
- Min. curvature radius : 160 mm.
- Linear expansion coefficient : 4×10^{-5} .
- Packaging : 24 metres.

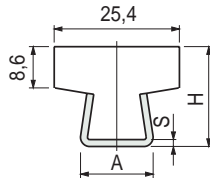
Part. 767



New Product



Chain-guide profile



S	H	A
mm	mm	mm
1,5	20,5	16
2	21	17

Thickness S	Metal profile material	Length metres	Code	Weight kg/m
1,5	Inox AISI 304	3	609033	0,72
	Zinc plated steel	6	609043	
2	Inox AISI 304	3	609063	0,82
	Zinc plated steel	6	609073	

- Material : plastic profile in Polyethylene UHMWPE with molecular density 5.600.000 with Microban® antibacterial protection.
- Colour : white.
- Min. curvature radius : 160 mm.
- Linear expansion coefficient : 4×10^{-5} .
- Packaging : 24 metres.

Material

Plastic profile in Polyethylene UHMWPE with molecular density 5.600.000. Metal Profile material inox AISI 304 or zinc plated steel.

Linear expansion coefficient

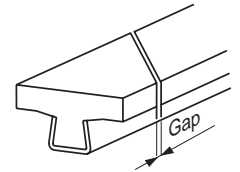
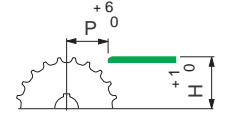
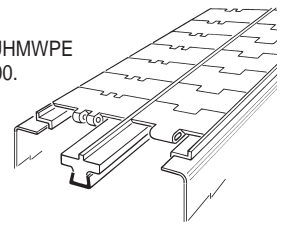
4×10^{-5}
Calculation of thermal expansion see page S204.

Operating temperature

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

Positioning.

See page S205.
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

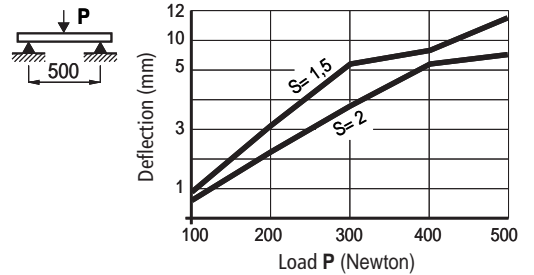
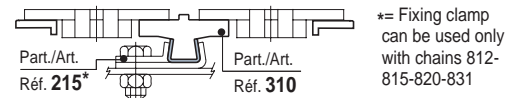
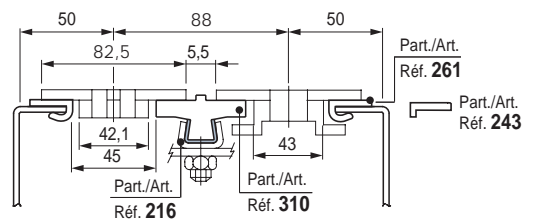


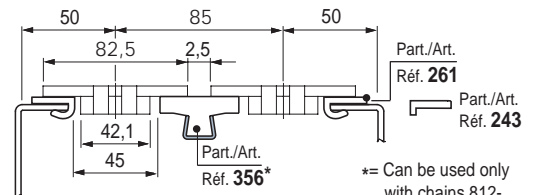
Table Top® chain series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

Chain width 82,5 mm (K 325) / Pitch 88 mm



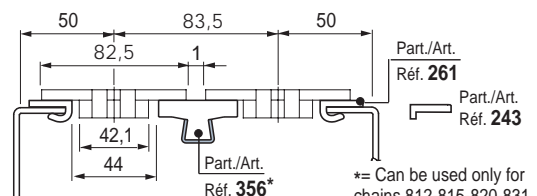
*= Fixing clamp can be used only with chains 812-815-820-831

Chain width 82,5 mm (K 325) / Pitch 85 mm



*= Can be used only with chains 812-815-820-831

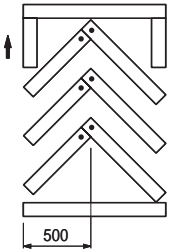
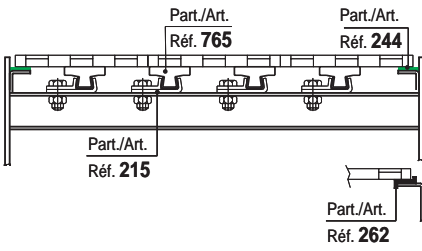
Chain width 82,5 mm (K 325) / Pitch 83,5 mm



*= Can be used only for chains 812-815-820-831

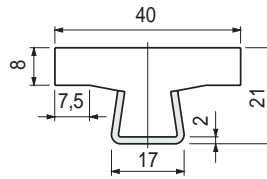
• MatTop® modular chain

Parallel wear strip.
Recommended with medium-light loads.



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

■ Chain-guide profile



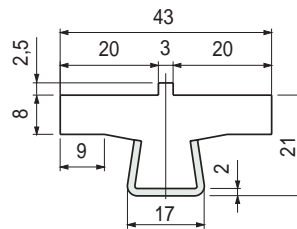
Part.	Colour	Length metres	Code		Weight kg/m
			With Microban®	Without Microban®	
356	White	3	605173	61605	0,89
		6	652002	61615	

- Material : metal profile inox AISI 304.
- Packaging : 24 metres.



Microban®
antibacterial protection

■ Chain-guide profile



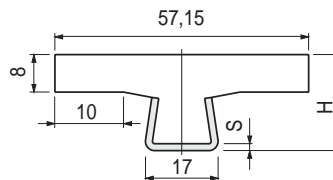
Part.	Colour	Length metres	Code		Weight kg/m
			With Microban®	Without Microban®	
310	White	3	65612		0,95
		6	69412		

- Material : metal profile inox AISI 304.
- Packaging : 24 metres.



■ Chain-guide profile

S	H	A
mm	mm	mm
1,5	20,5	16
2	21	17



Part.	Thickness S mm	Metal profile material	Length metres	Code		Weight kg/m	
				With Microban®	Without Microban®		
765	1,5	Inox AISI 304	3	608943		0,95	
			6	608953			
	2	Inox AISI 304	3	608963		1,06	
			6	608973			
				3	608973		
				6	608983		

- Material : plastic profile in Polyethylene UHMWPE with molecular density 5.600.000 with Microban® antibacterial protection.
- Colour : white.
- Min. curvature radius : 200 mm.
- Linear expansion coefficient : 4×10^{-5}
- Packaging : 24 metres.



New Product

Microban®
antibacterial protection

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

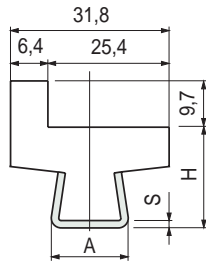
Part. 766



New Product



Chain-guide profile



S	H	A
mm	mm	mm
1,5	20,5	16
2	21	17

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
766	1,5	Inox AISI 304	3	608993	0,82
	2	Inox AISI 304	6	609003	0,93
766	1,5	Inox AISI 304	3	609013	0,93
	2	Inox AISI 304	6	609023	0,93

- Material : plastic profile in Polyethylene UHMWPE with molecular density 5.600.000 with Microban® antibacterial protection
- Colour : white.
- Linear expansion coefficient : 4×10^{-5}
- Packaging : 24 metres.

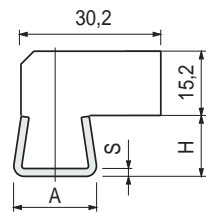
Part. 764



New Product



Chain-guide profile



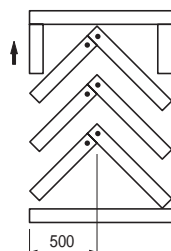
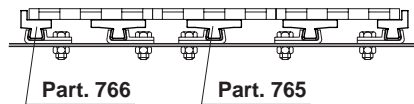
S	H	A
mm	mm	mm
1,5	25,7	16
2	26,2	17

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
764	1,5	Inox AISI 304	3	608903	0,93
	2	Inox AISI 304	6	608913	0,93
764	1,5	Inox AISI 304	3	608923	1,03
	2	Inox AISI 304	6	608933	1,03

- Material : plastic profile in Polyethylene UHMWPE with molecular density 5.600.000 with Microban® antibacterial protection.
- Colour : white.
- Linear expansion coefficient : 4×10^{-5}
- Packaging : 24 metres.

MatTop® modular chain

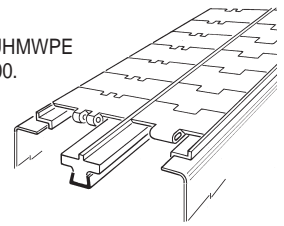
Parallel wear strip. Recommended with medium-light loads.



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

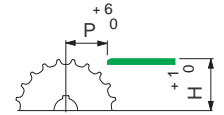
Material

Plastic profile in Polyethylene UHMWPE with molecular density 5.600.000. Metal Profile material inox AISI 304 or zinc plated steel.



linear expansion coefficient

4×10^{-5}
Calculation of thermal expansion see page S204.



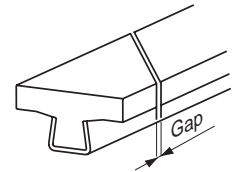
Operating temperature

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

Positioning. See page S205.

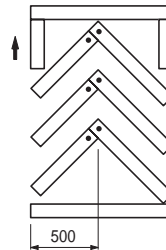
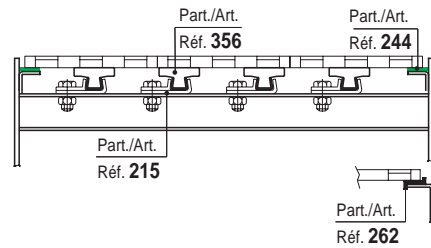
Head Joint

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.

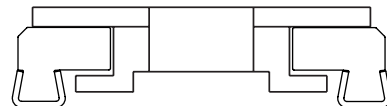


MatTop® modular chain

Parallel wear strip. Recommended with medium-light loads.



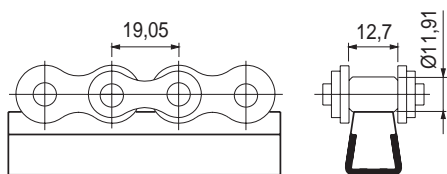
CHEVRON pattern. Recommended with high loads (accumulation tables) Chain wear is evenly distributed throughout the width.



Chain-Guide Profile

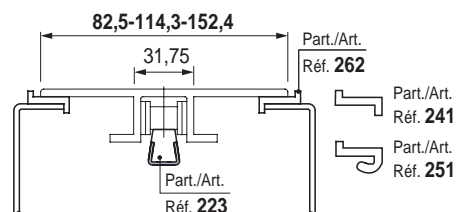
• Use of Part. 223

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

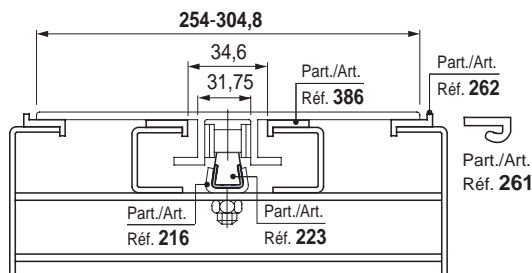


• PlateTop chain series 1874-4874-1873

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

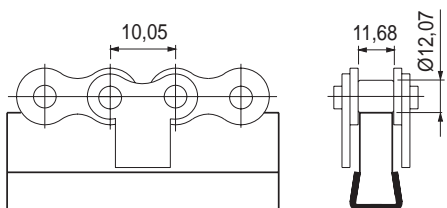


Chain width 254 mm (K 1000), 304,8 mm (K 1200)

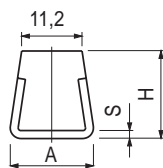


• Use of Part. 274

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



■ Chain-guide profile



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

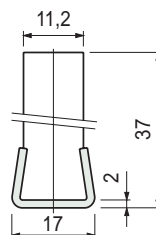
Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
			3	61031	
	1,5	Inox AISI 304	6	69402	
223		Zinc plated steel	3	63971	0,54
	2	Inox AISI 304	3	61743*	
			6	67123	

- Colour : white.
- Packaging : 24 metres (in 3 m length).
48 metres (in 6 m length).

Part. 223



■ Chain-guide profile



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

- Material : metal profile inox AISI 304.
- Packaging : 24 metres

Part. 274

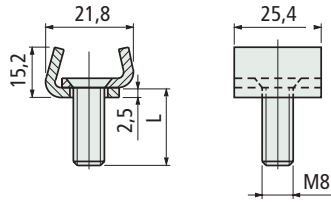


* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 903



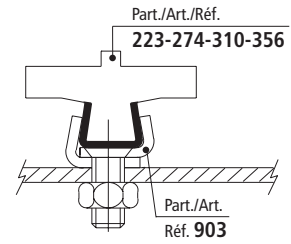
■ ViseClamp™



Part.	L mm	Code
903	20	656001*

- Material : stainless steel AISI 303.
- Packaging : 50 pieces.

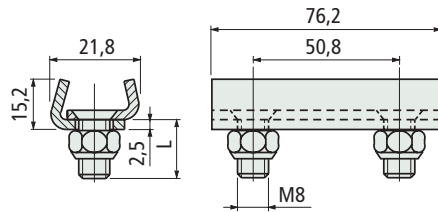
• Use of Part. 903



Part. 902



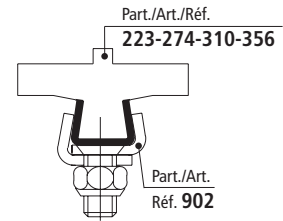
■ ViseSplice™



Part.	L mm	Code
902	15	656041*

- Material : stainless steel AISI 303.
- Self-locking nut.
- Packaging : 50 pieces.

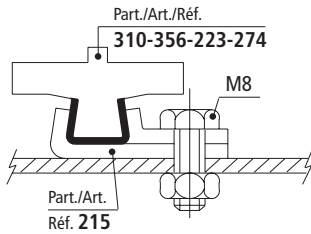
• Use of Part. 902



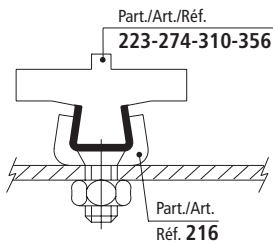
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

for Part. 223 - 274 - 310 - 356

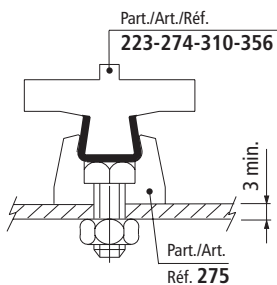
• Use of Part. 215



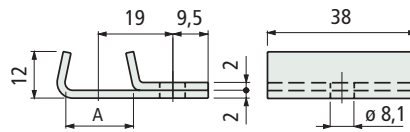
• Use of Part. 216



• Use of Part. 275



■ 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.

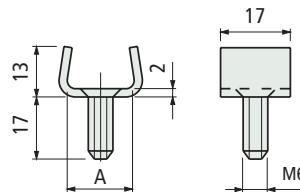
- Material : stainless steel AISI 304.

- Packaging : 50 pieces.

Part. 215



■ 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.

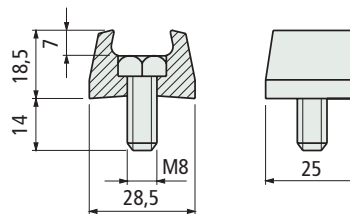
- Material : stainless steel AISI 304.

- Packaging : 50 pieces.

Part. 216



■ 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.

Part. 275



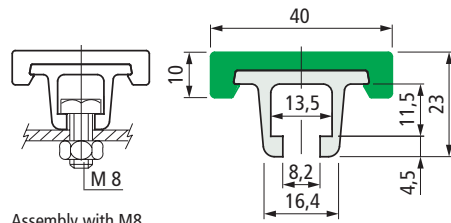
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 422



In aluminium

Chain-guide profile



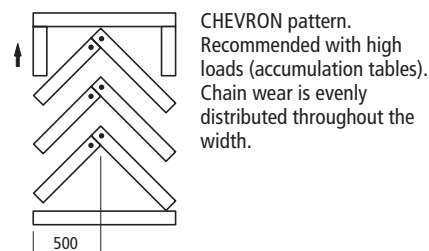
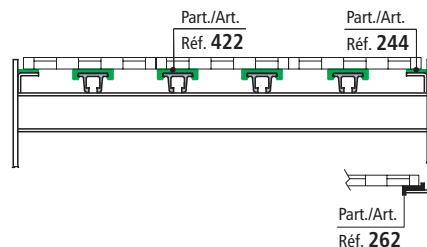
Assembly with M8 hexagon bolt

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

- Standard packaging : the plastic and metal profiles are supplied assembled.
- Plastic profile spare part code : 68309 (6 metres).
- Packaging : 48 metres.

MatTop® modular chains

Parallel wear strips. Recommended with medium-light loads.



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 S204.

Operating temperature

In air (- 40 a + 80 C).

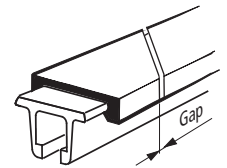
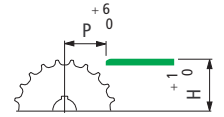
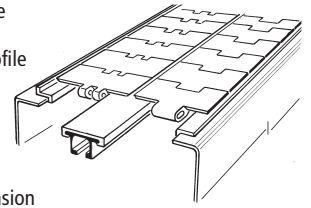
Position of guides. See page S205.

Not recommended in wet conveyors

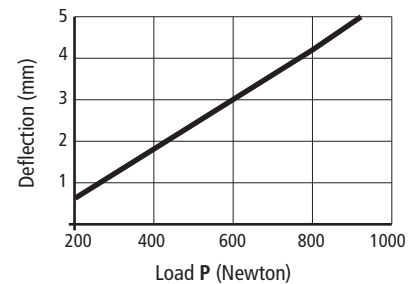
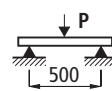
To avoid corrosion in contact with cleaning agents.

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.

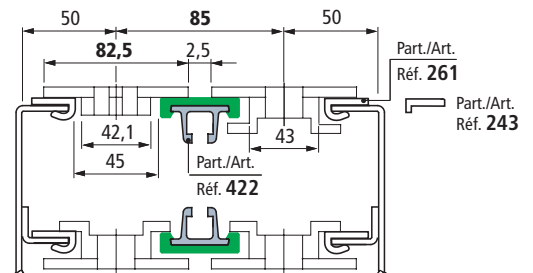


Deflection

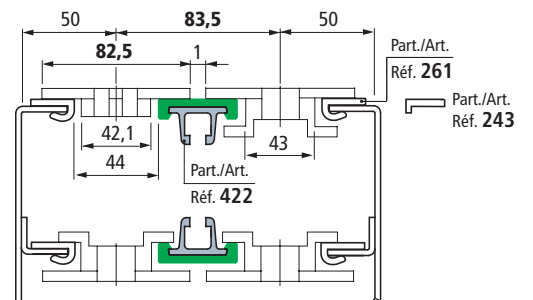


TableTop® chains series 812 - 815 - 820 - 831- 881TAB - 8811TAB - 879TAB - 880TAB

Chain width 82,5 mm (K 325) / Pitch 85 mm

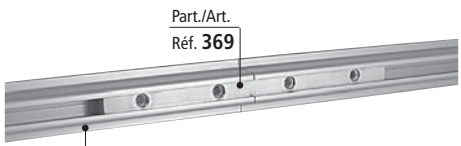
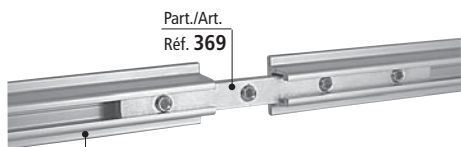


Chain width 82,5 mm (K 325) / Pitch 83,5 mm

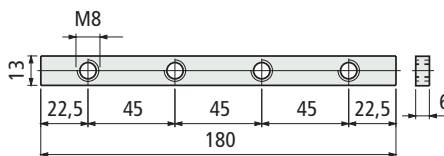


for Part. 422

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



■ Connecting bar



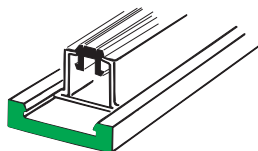
Part.	Code
369	69995

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

Part. 369



■ 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.

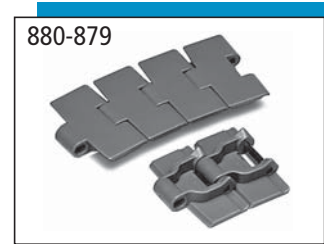
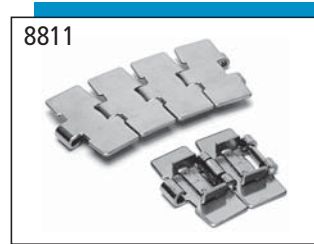
Part. 370



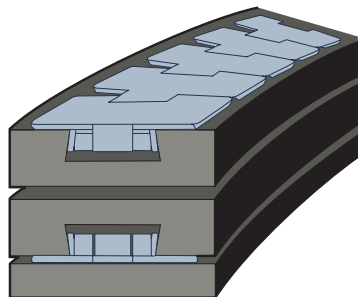
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Corner tracks and straight tracks for TableTop® Series:

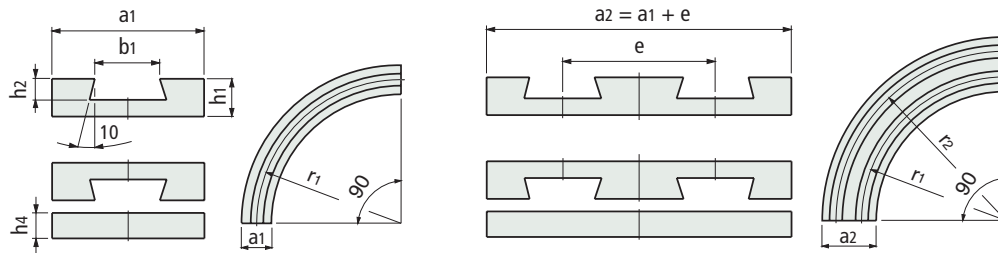
- 880 BEVEL
- 879 BEVEL
- 8811 BEVEL
- 881 BEVEL



Series KSU

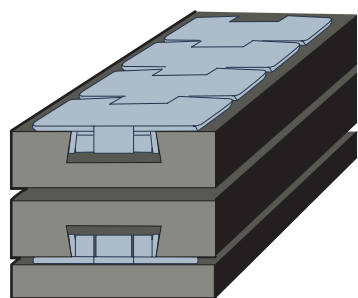


Corner tracks

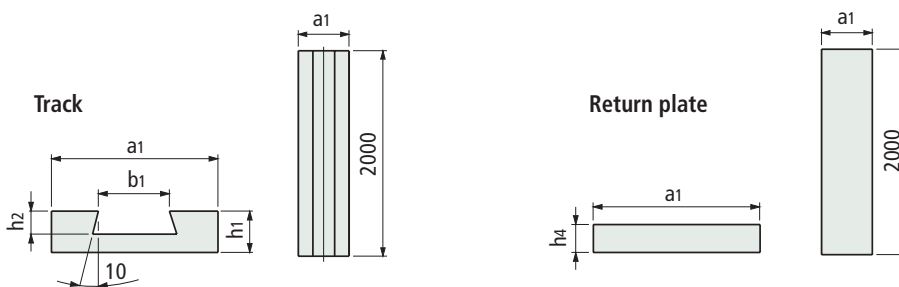


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm ± 0.5	h1 mm	h2 mm	h4 mm	Pitch e mm	Code 1 strand
880-K325, 879-K325 881-K325, 8811-K325	82,5	500	100	41,4	25	18	16	90	787.00.85
880-K450, 881-K450 8811-K450	114,3	610	125	41,4	25	18	16	120	787.00.17
881-K750 8811-K750	190,5	610	200	41,4	25	18	16	195	787.00.94

Series SSU



Straight tracks



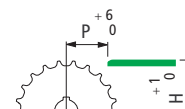
Type of chain	Chain width mm	Width a1 mm	b1 mm	h1 mm	h2 mm	h4 mm	Code Track	Code Return plate
880-K325, 879-K325 881-K325, 8811-K325	82,5	100	41,4	25	17	15	787.90.02	787.90.03
880-K450 881-K450 8811-K450	114,3	130	41,4	25	17	15	787.90.18	787.90.19

- **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 S204.

• **Operating temperature** :
In air (-40 to +80 C).
In hot water (+70 C).

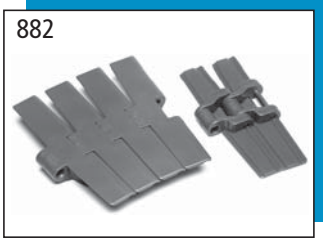
• **Positioning** : see page S205.



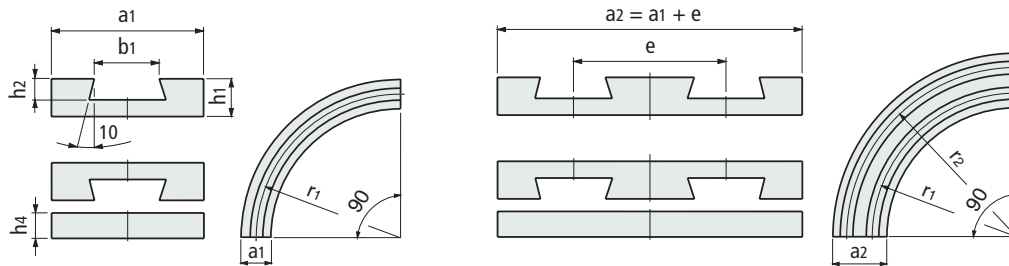
Corner tracks for TableTop®

Series:

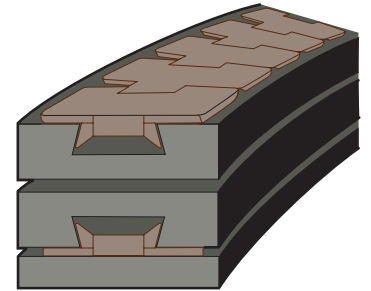
- 882 BEVEL



■ Corner tracks



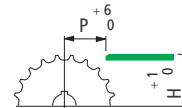
Series KSU200



Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm ± 0.5	h1 mm	h2 mm	h4 mm	Pitch e mm	Code 1 strand
882 - K450	114,3	610	125	58	27	21	16	120	787.00.95
882 - K750	190,5	610	200	58	27	21	16	195	787.00.96
882 - K1000	254	610	265	58	27	21	16	260	787.01.06

- **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.
- **For multiple strand versions please refer to Customer Service and/or Chain Catalogue**

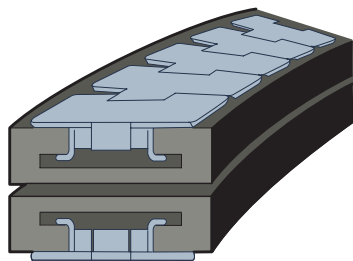
- **Linear expansion coefficient** : 2×10^{-4}
Calculation of thermal expansion see page S204.
- **Operating temperature** :
In air (-40 to + 80 C).
In hot water (+ 70 C).
- **Positioning** : see page S205.



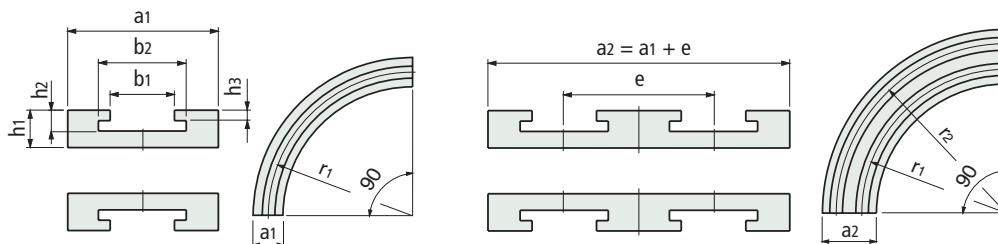
Corner tracks and straight tracks for TableTop® Series:

- 881 TAB
- 8811 TAB
- 879 TAB - 879 TAB BO
- 880 TAB - 880 TAB BO
- RH - RHD
- FT 1050 TAB - FT 1055 TAB
- LBP 879 BO

Series KTU

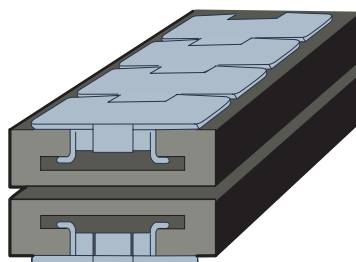


Corner tracks

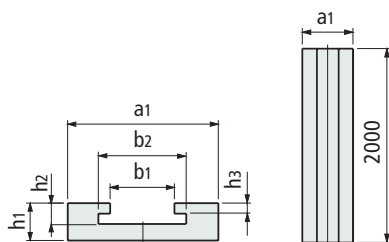


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code
879TAB-K325, 880TAB-K325 880TAB BO-K325, 879TAB BO-K325 881TAB-K325, 8811TAB-K325 SRH325, RH325, RHD325 FT1050TAB, FT1055TAB LBP879 BO-K325	82,5	500	100	45	70	25	20	10	90	787.00.02
879TAB-K450, 880TAB-K450 879TAB-K450 BO, 880TAB-K450 BO 880TAB-K454, 881TAB-K450 8811TAB-K450, RH450, RHD450	114,3	610	125	45	70	25	20	10	120	787.01.09
881TAB-K750, 8811TAB-K750	190,5	610	200	45	70	25	20	10	195	787.00.07

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, 880TAB-K325 880TAB BO-K325, 879TAB BO-K325 881TAB-K325, 8811TAB-K325 SRH325, RH325, RHD325 FT1050TAB, FT1055TAB LBP879 BO-K325	82,5	100	45	70	25	20	10	787.90.09
879TAB-K450, 880TAB-K450 879TAB-K450 BO, 880TAB-K450 BO 880TAB-K454, 881TAB-K450 8811TAB-K450, RH450, RHD450	114,3	130	45	70	25	20	10	787.90.04

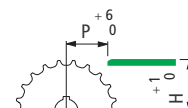
- **Material** : polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging** : the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.

• **Linear expansion coefficient** : 2×10^{-4}
Calculation of thermal expansion see page S204.

• **Operating temperature** :
In air (-40 to + 80 C).
In hot water (+ 70 C).

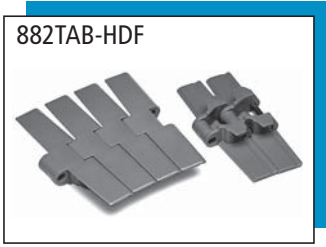
• **Positioning** : see page S205.

• **For multiple strand versions please refer to Customer Service and/or Chain Catalogue**

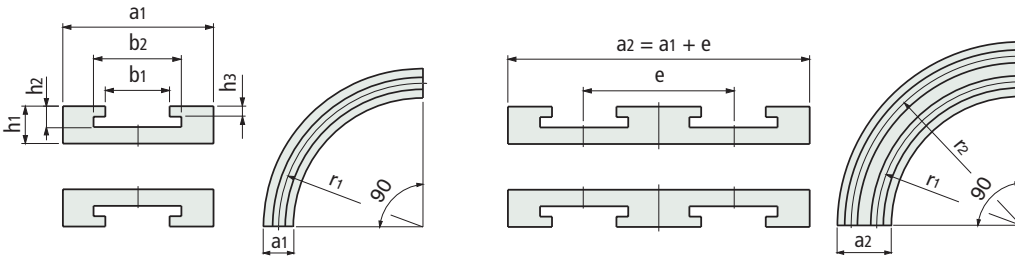


Corner tracks and straight tracks for TableTop® Series:

- 882 TAB
- HDF

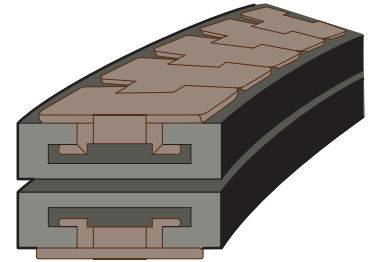


■ Corner tracks

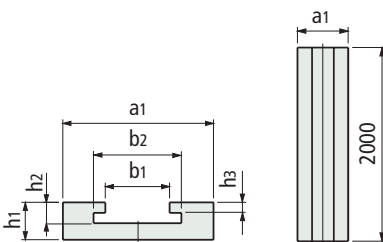


Type of chain	Chain width mm	Radius r_1 mm	Width a_1 mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	h_3 mm	Pitch e mm	Code 1 strand
882TAB-K450 HDF450	114,3	610	130	60	90	30	24	15	120	787.02.80
882TAB-K750 HDF 750	190,5	610	210	60	90	30	24	15	195	787.00.54
882TAB-K1000 HDF1000	254	610	270	60	90	30	24	15	260	787.00.06
882TAB-K1200 HDF1200	304,8	610	320	60	90	30	24	15	310	787.00.21

Series KTU200

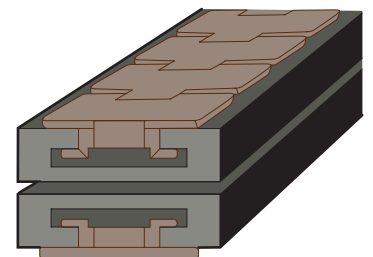


■ Straight tracks



Type of chain	Chain width mm	Width a_1 mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	h_3 mm	Code
882TAB-K450 HDF450	114,3	130	60	90	30	24	15	787.90.17
882TAB-K750 HDF 750	190,5	210	60	90	30	24	15	787.90.05
882TAB-K1000 HDF1000	254	270	60	90	30	24	15	787.90.06
882TAB-K1200 HDF1200	304,8	320	60	90	30	24	15	787.90.07

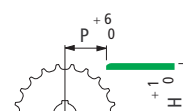
Series STU200



- **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.

• For multiple strand versions please refer to Customer Service and/or Chain Catalogue

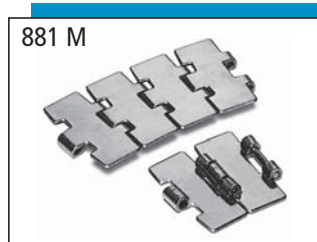
- **Linear expansion coefficient** : 2×10^{-4}
Calculation of thermal expansion see page S204.
- **Operating temperature** :
In air (-40 to + 80 C).
In hot water (+ 70 C).
- **Positioning** : see page S205.



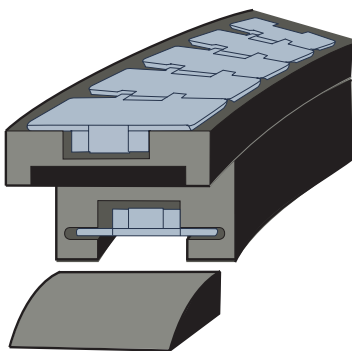
Magnetic corner tracks

for TableTop® Series:

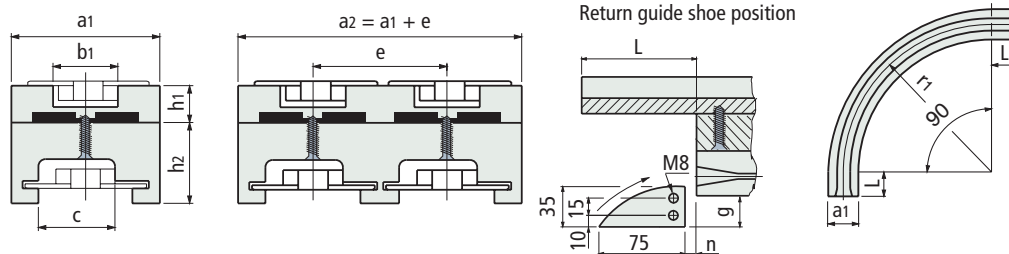
- 881 M
- RHM
- RHMD 325 LBP
- HDFM
- HDFM LBP



Series COMBI C



■ 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	M	Code		Version Number
													1 strand		
	82,5 / 83,8	500	100	0	44	50	27	55*	85	-	-	-	704.15.01	C7	
881M-K325	82,5 / 83,8	500	100	100	44	50	27	63	85	20	20	M8	704.14.01	C6	
10M31M	82,5 / 83,8	500	111	100	44	50	27	63	85	20	20	M8	704.08.01	C4	
45M31M	82,5 / 83,8	500	111	100	44	50	27	63	85	20	20	M8	704.19.01	C14	
60M31(S)M	82,5 / 83,8	500	100	125	44	50	27	55	89	0	30	M6	704.05.01	C1	
66M31(S)M	82,5 / 83,8	500	100	100	44	50	27	55	90	0	30	M8	704.06.01	C2	
60M84SM	82,5 / 83,8	500	110	0	44	50	27	55	90	0	30	M8	704.07.01	C3	
66M84SM	82,5 / 83,8	680	100	100	44	50	27	55	-	0	30	M8	704.09.01	C5A	
RHMP325	82,5 / 83,8	750	111	100	44	50	27	63	85	20	20	M8	704.28.01	C42	
RHMDP325	82,5 / 83,8	860	100	125	44	50	27	55	-	0	30	M8	704.11.01	C5C	
RHMP84	82,5 / 83,8	1000	100	0	44	50	27	55	-	0	30	M6	704.12.01	C5D	
	82,5 / 83,8	1000	111	100	44	50	27	63	85	20	20	M8	704.29.01	C43	
RHMD325LBP	82,5	500	100	100	44	50	27	63	90	0	30	M8	704.34.01	LBP2	
881M-K450, 10M42M	114,3	500	129	125	44	54	27	63	120	20	20	M6	714.08.01	C21A	
45M42M, 60M42M	114,3	610	129	125	44	54	27	63	120	20	20	M6	714.09.01	C22A	
RHMP450, RHMDP450	190,5	610	214	125	44	54	27	63	196	20	20	M6	724.05.01	C61	
881M-K750, 10M72M	190,5	860	214	0	44	54	27	55	-	0	30	M6	724.11.01	C66	
60M72M, 66M72(R)M	190,5	1000	214	0	44	54	27	55	-	0	30	M6	724.07.01	C65	
60M75(R)M, 66M75M	190,5	610	200	100	60	65	32	63	195	20	20	M8	724.31.01	C81	
HDFM750	190,5	860	214	0	60	65	32	55	-	0	30	M8	724.36.01	C86	
HDFM1000	254	860	290	0	60	65	32	55	-	0	30	M8	724.42.01	C91	
HDFM1000LBP	254	860	290	0	60	65	32	63	-	0	30	M8	724.45.01	LBP91	
HDFM1200	304,8	860	340	0	60	65	32	55	-	0	30	M8	724.44.01	C96	
HDFM1200LBP	304,8	860	340	0	60	65	32	63	-	0	30	M8	724.46.01	LBP96	

* = For corner tracks 2 or more strands h2 = 63mm.

• 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.

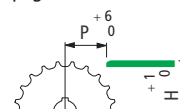
- **Material** : polyethylene UHMWPE (black).
- **Standard packaging** : the corner tracks are supplied complete with carry and return sections.

• For multiple strand versions please refer to Customer Service and/or Chain Catalogue

• **Linear expansion coefficient** : 2×10^{-4}
Calculation of thermal expansion see page S204.

• **Operating temperature** :
In air (-40 to + 80 C).
In hot water (+ 70 C).

• **Positioning** : see page S205.



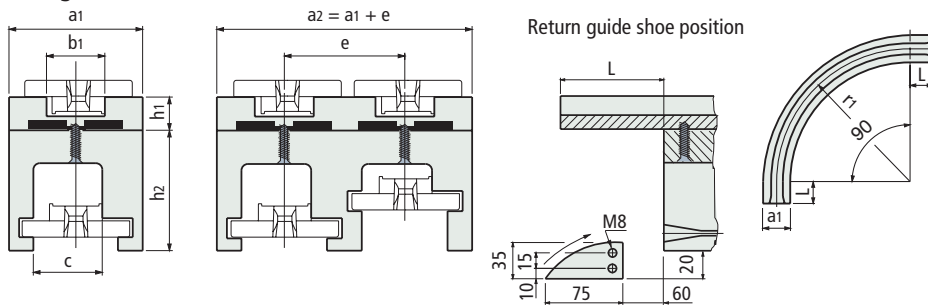


Magnetic corner tracks

for TableTop® Series:

- FGM 1050
- FTM 1060
- FTM 1055

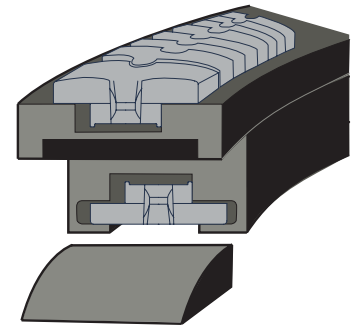
■ Magnetic corner tracks



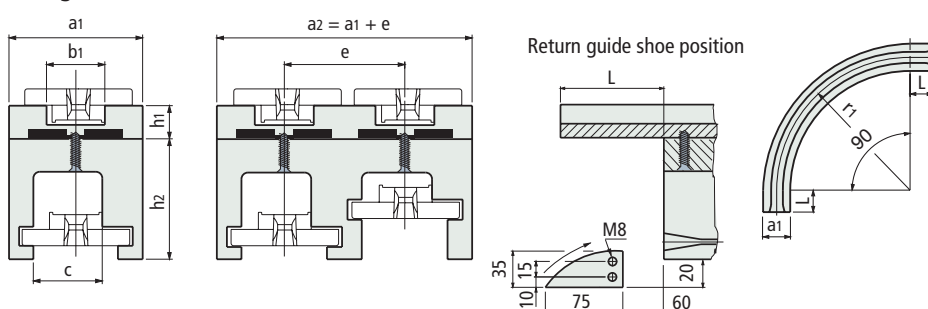
Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	L mm	b1 mm	c mm	h1 mm	h2 mm	Pitch e mm	n mm	g mm	M	Code 1 strand	Version Number
FGM1050	83,8	500	100	0	44	50	27	55 (63●)	85	-	-	-	604.15.01	CB7
FTM1060	83,8	500	100	100	44	50	27	63	85	60	20	M8	604.14.01	CB6
	83,8	500	111	100	44	50	27	63	85	60	20	M8	604.08.01	CB4

* = Supplied without the L straight-line sections. ● = Only for corner tracks of 2 or more strands.

Series COMBI CB



■ 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	M	Code 1 strand	Version Number
	83,8	500	111	100	44	50	27	63	85	60	20	M8	614.01.01	CC4
	83,8	500	100	100	44	50	27	63	85	60	20	M8	614.02.01	CC6
FTM1055	83,8	500	100	0	44	50	27	63	85	-	-	-	614.06.01	CC7
	114,3	500	129	125	44	50	27	63	120	60	20	M8	614.08.01	CC21
	114,3	610	129	125	44	50	27	63	120	60	20	M6	614.09.01	CC22

* = Supplied without the L straight-line sections. ● = Only for corner tracks of 2 or more strand s.

• 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.

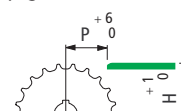
- **Material** : polyethylene UHMWPE (black).
- **Standard packaging** : the corner tracks are supplied complete with carry and return sections.

• For multiple strand versions please refer to Customer Service and/or Chain Catalogue

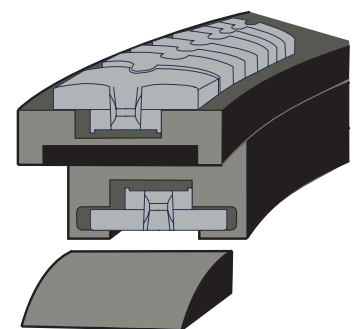
• **Linear expansion coefficient** : 2×10^{-4}
Calculation of thermal expansion see page S204.

• **Operating temperature** :
In air (-40 to + 80 C).
In hot water (+ 70 C).

• **Positioning** : see page S205.

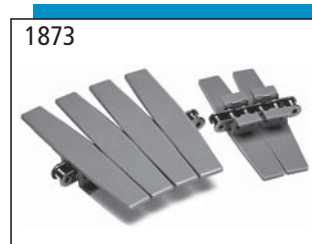
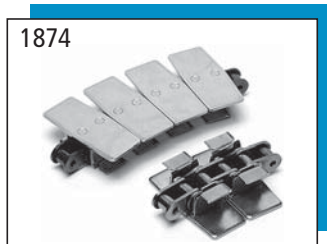


Series COMBI CC

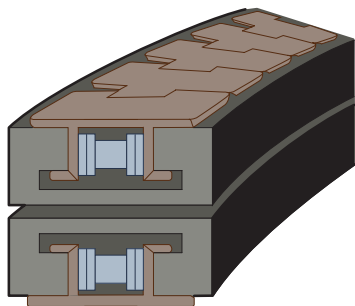


Corner tracks and straight tracks for PlateTop Series:

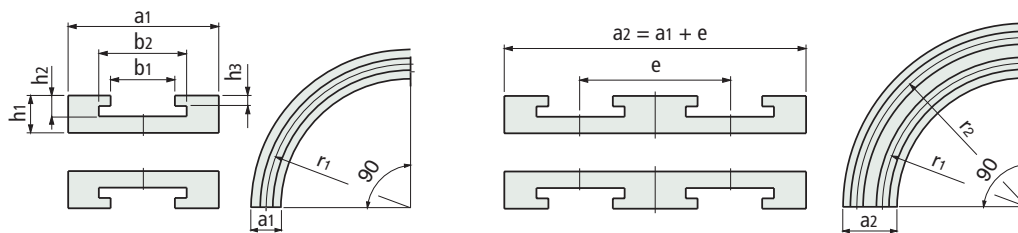
- 1874
- 1873
- 3873



Series KTU300

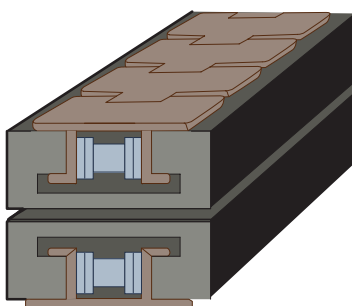


■ Corner tracks

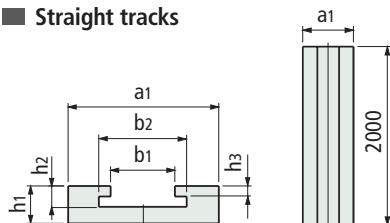


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm ± 0.5	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code 1 strand
1873-K325 1874-K325	82,5	500	100	34,6	70	36	29	19	90	787.01.13
1873-K450 1874-K450	114,3	500	125	34,6	70	36	29	19	120	787.01.16
1873-K600 1874-K600	152,4	610	160	34,6	70	36	29	19	160	787.01.19
1873-K750 1874-K750	190,5	610	200	34,6	70	36	29	19	195	787.01.22
1873-K1000 3873-K1000	254	610	260	34,6	70	36	29	19	260	787.01.25
1873-K1200 3873-K1200	304,8	610	310	34,6	70	36	29	19	310	787.01.28

Series STU300



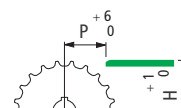
■ Straight tracks



Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
1873-K325 1874-K325	82,5	100	34,6	70	36	29	19	787.45.27
1873-K450 1874-K450	114,3	125	34,6	70	36	29	19	787.47.56
1873-K600 1874-K600	152,4	160	34,6	70	36	29	19	787.47.97
1873-K750 1874-K750	190,5	200	34,6	70	36	29	19	787.46.85
1873-K1000 3873-K1000	254	260	34,6	70	36	29	19	787.48.04
1873-K1200 3873-K1200	304,8	310	34,6	70	36	29	19	787.90.17

- **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.
- **For multiple strand versions** please refer to Customer Service and/or Chain Catalogue

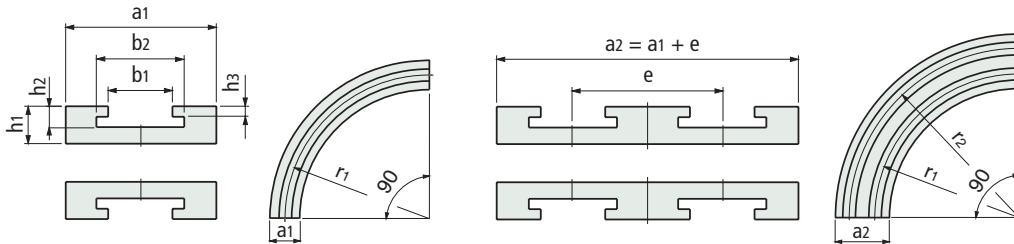
- **Linear expansion coefficient** : 2×10^{-4}
Calculation of thermal expansion see page S204.
- **Operating temperature** :
In air (-40 to +80 C).
In hot water (+70 C).
- **Positioning** : see page S205.



Corner tracks and straight tracks for TableTop® Series:
• LBP 883



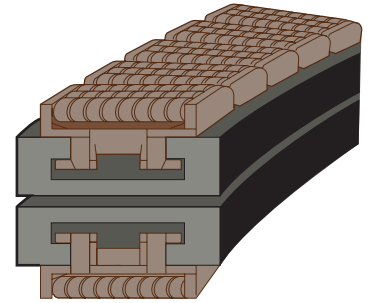
Corner tracks



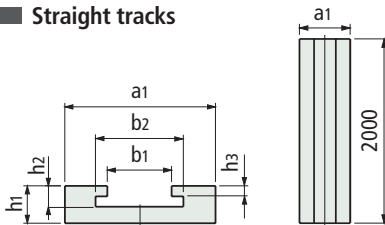
Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code
LBP883TAB-K450	114,3	610	130	60	90	30	24	15	*	787.02.80
LBP883TAB-K750	190,5	610	210	60	90	30	24	15	*	787.00.54

* = To be specified upon order.

Series KTU200

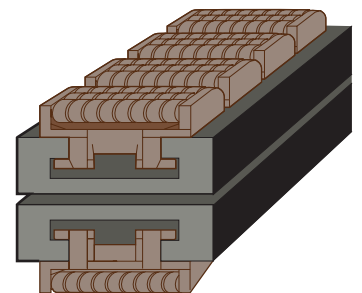


Straight tracks



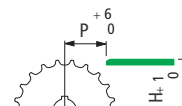
Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
LBP883TAB-K450	114,3	130	60	90	30	24	15	787.90.17
LBP883TAB-K750	190,5	210	60	90	30	24	15	787.90.05

Series STU200



- **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.
- **For multiple strand versions please refer to Customer Service and/or Chain Catalogue**

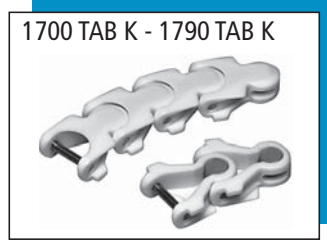
- **Linear expansion coefficient** : 2×10^{-4}
Calculation of thermal expansion see page S204.
- **Operating temperature** :
In air (-40 to + 80 C).
In hot water (+ 70 C).
- **Positioning** : see page S205.



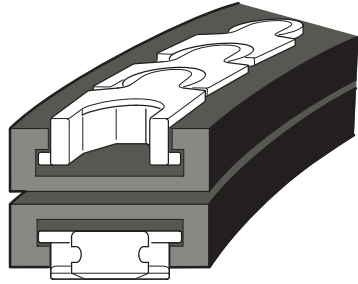
Corner tracks and straight tracks for Multiflex chains

Series:

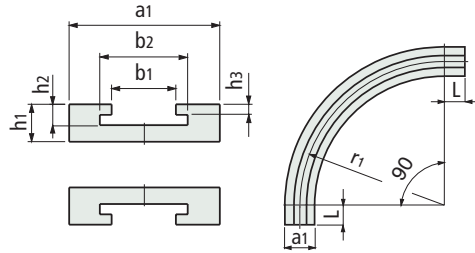
- 1700 TAB K
- 1790 TAB K
- 1710 TAB K
- 1713 TAB K



Series KTU500

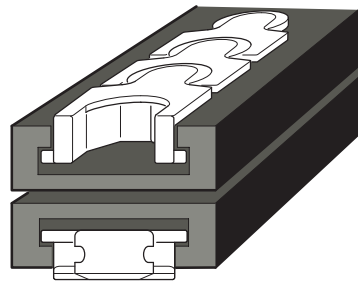


■ Corner tracks

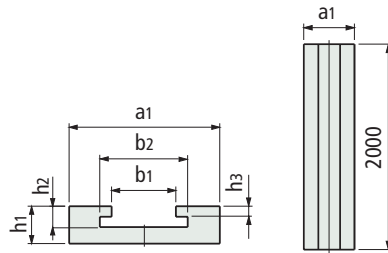


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	L mm	Code
1700TABK 1790TABK	55	250 500	100	58	70	40	21	12	50	787.03.31 787.01.81
1710TABK	98	250 500	110	58	70	40	31	22	50	787.02.97 787.00.40
1713TABK	253	500	270	58	70	40	30,5	20	50	787.03.63

Series STU500



■ Straight tracks



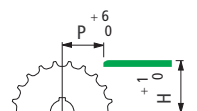
Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
1700TABK 1790TABK	55	100	58	70	40	21	12	787.40.74
1710TABK	98	110	58	70	40	31	22	787.90.11
1713TABK	253	270	58	70	40	30	20	787.90.20

- **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 S204.

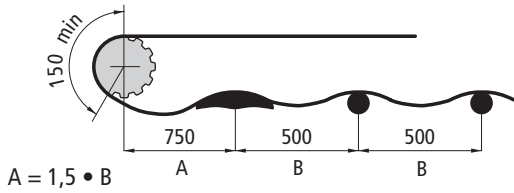
- **Operating temperature** :
In air (-40 to +80 C).
In hot water (+70 C).

- **Positioning** : see page S205.

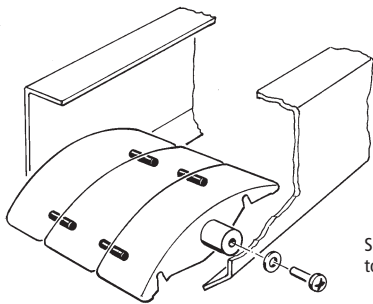
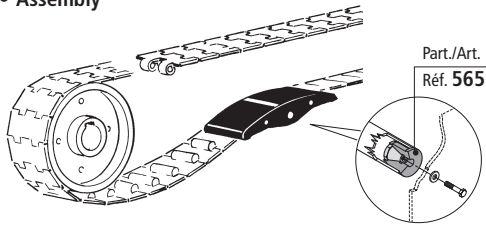


Part. 153

• Positioning



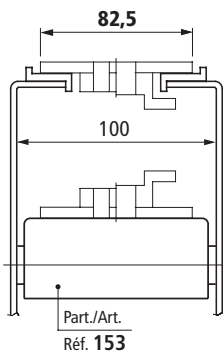
• Assembly



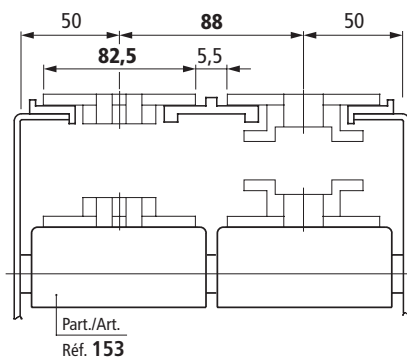
Shoes can be pinned together

• TableTop® chains / PlateTop chains

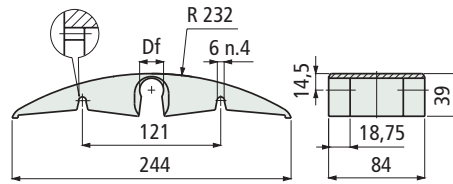
Chain width 82,5 mm (K 325)



Chain width 82,5 mm (K 325) / Pitch 88 mm



■ Wear shoe



Part.	Shaft dia. mm	Bore dia. Df mm	Material	Code
18	18,5		UNL™ (aubergine)	609423*
			Polyethylene PE (green)	608692N
153			Polyamide PA (black)	684221N
			Polyethylene PE (green)	684231N
20	20,5		UNL™ (aubergine)	609433*

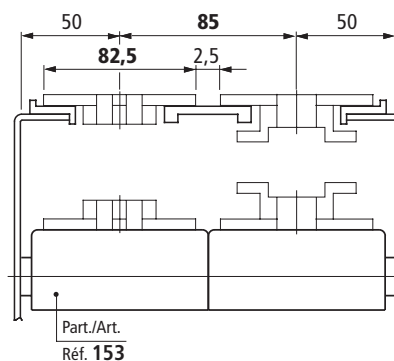
* = New product.

- New UNL™ low noise material.
- PE polyethylene (green) version can be used both with plastic chains and metal chains.
- PA polyamide (black) version is recommended for metal chains.
- Packaging : 15 pieces.

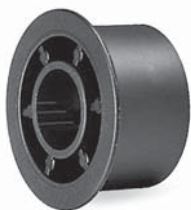


Snap-on assembly

Chain width 82,5 mm (K 325) / Pitch 85 mm

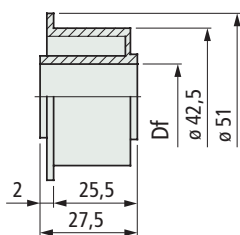


Part. 73



Dia. 42,5 mm

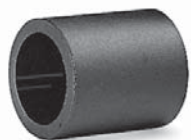
Roller



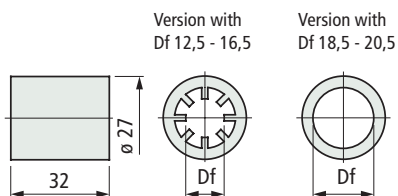
Part.	Shaft dia. mm	Bore dia. Df mm	Code
73	12	12,5	50660*
	16	16,5	62946
	18	18,5	50670*
	20	20,5	50680

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

Part. 126



Separator



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

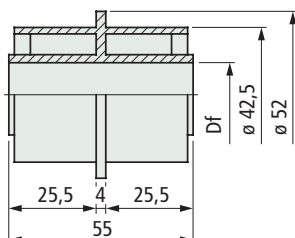
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 125



Dia. 42,5 mm

Double roller

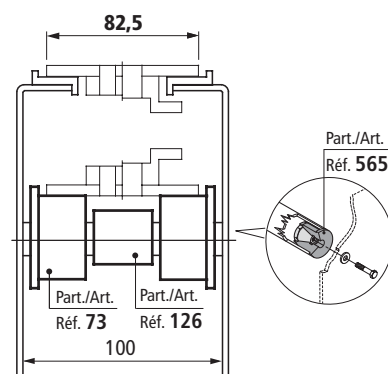


Part.	Shaft dia. mm	Bore dia. Df mm	Code
125	12	12,5	62956*
	16	16,5	62966
	18	18,5	62976*
	20	20,5	62510

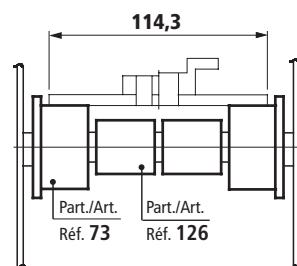
- Material : polyamide PA (black).
- Packaging : 100 pieces.

TableTop® chains / PlateTop chains

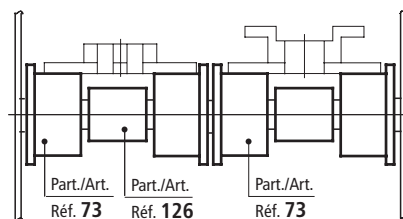
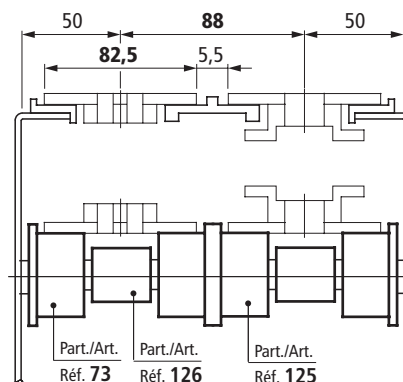
Chain width 82,5 mm (K 325)



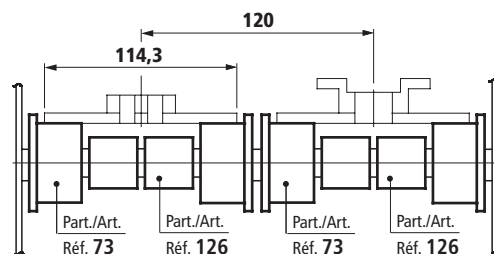
Chain width 114,3 mm (K 450)



Chain width 82,5 mm (K 325) / Pitch 88 mm

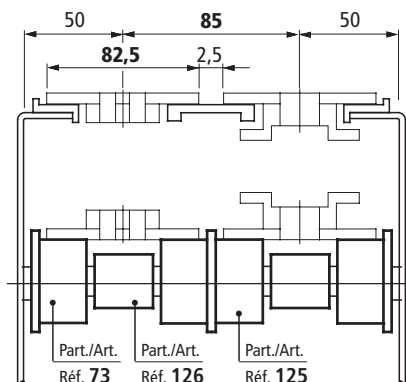


Chain width 114,3 mm (K 450) / Pitch 120 mm

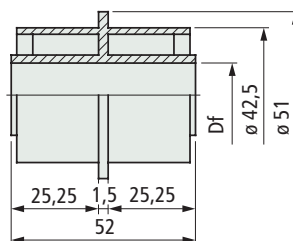


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Chain width 82,5 mm (K 325) / Pitch 85 mm



Double roller



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

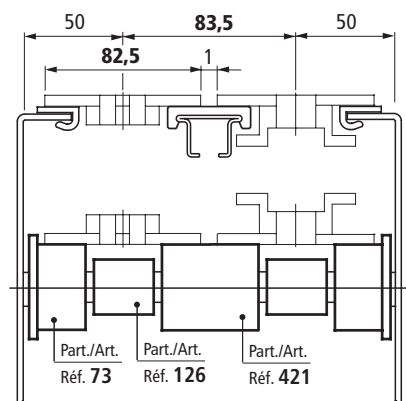
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 125

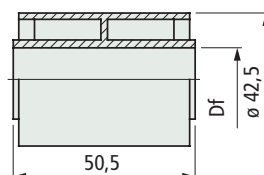


Dia. 42,5 mm

Chain width 82,5 mm (K 325) / Pitch 83,5 mm



Roller



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

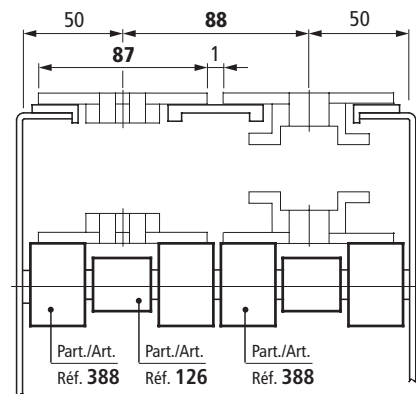
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 421

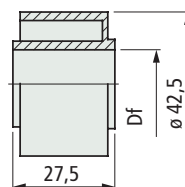


Dia. 42,5 mm

Chain width 87 mm (K 343) / Pitch 88 mm



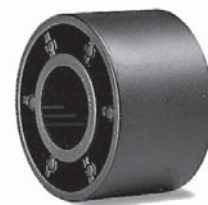
Roller



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

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

Part. 388



Dia. 42,5 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 page S21.

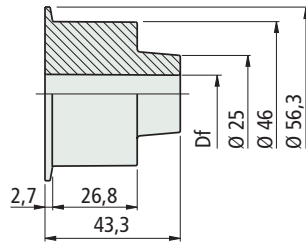
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 727



Dia. 46 mm
New
Product

Roller



Part.	shaft dia. mm	Bore dia. Df mm	Code
727	12	12,2	688902

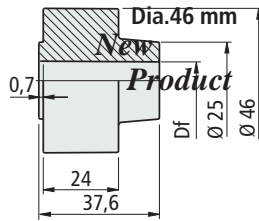
- Material : polyethylene PE (white).
- Packaging : 100 pieces.

Part. 728



Dia. 46 mm
New
Product

Roller



Part.	shaft dia. mm	Bore dia. Df mm	Code
728	12	12,2	688912

- Material : polyethylene PE (white).
- Packaging : 100 pieces.

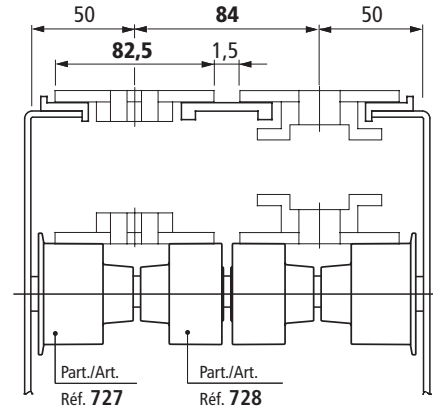
Characteristics

- Completely closed design for the maximum hygiene.
- Material polyethylene PE (white) ideal for applications in the food industry.

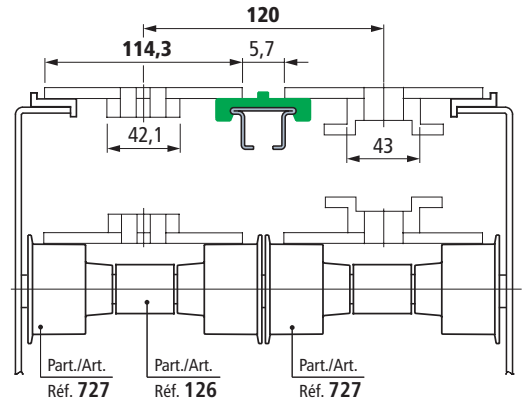
On request available with antimicrobial protection.



Chain width 82,5 mm (K325) / Pitch 84 mm

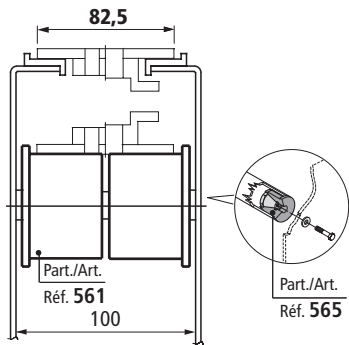


Chain width 114,3 mm (K450) / Pitch 120 mm

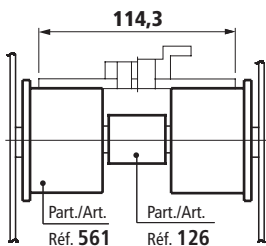


• TableTop® chains / PlateTop chains

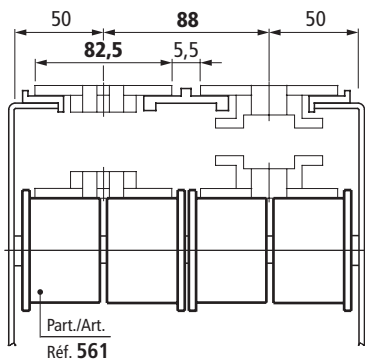
Chain width 82,5 mm (K325)



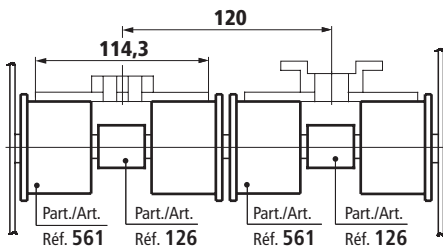
Chain width 114,3 mm (K450)



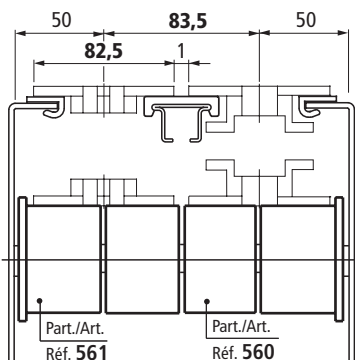
Chain width 82,5 mm (K325) / Pitch 88 mm



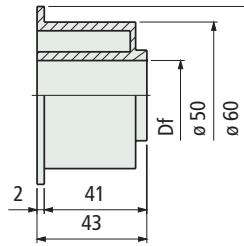
Chain width 114,3 mm (K450) / Pitch 120 mm



Chain width 82,5 mm (K325) / Pitch 83,5 mm



■ Roller



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

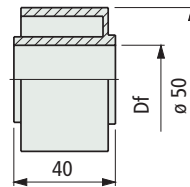
- Material : Polyamide PA (black).
- Packaging : 100 pieces.

Part. 561



Dia. 50 mm

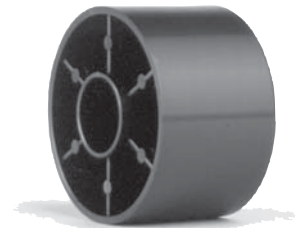
■ Roller



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

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

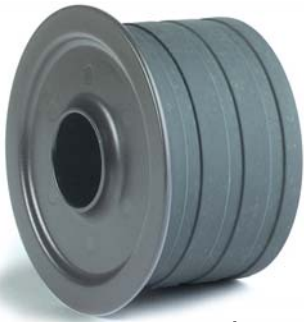
Part. 560



Dia. 50 mm

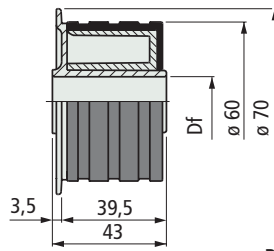
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 614



Dia. 60 mm

■ Roller (with rubber surface)



PATENTED

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

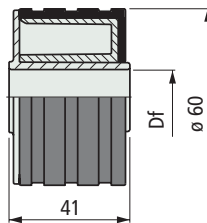
- Characteristics : completely closed design. Rubber surface for less noise even in high speed conveyors. Hub in acetal for low friction.
- Material : roller in acetal POM (grey). 65 shore hardness
- Packaging : 100 pieces.

Part. 613



Dia. 60 mm

■ Roller (with rubber surface)



PATENTED

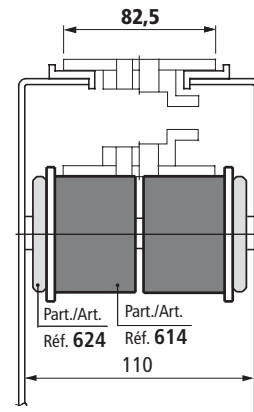
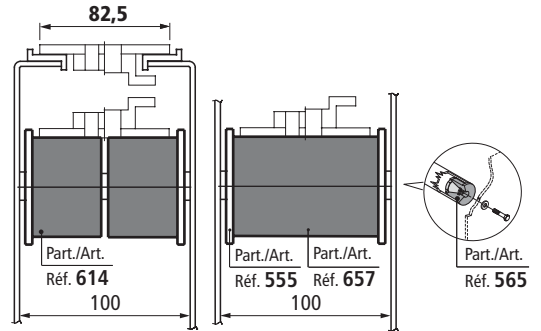
Part.	shaft dia. mm	Bore dia. Df mm	Code	
			with Microban®	without Microban®
613	15	15,5	-	615342
	16	16,5	-	615352
	18	18,5	-	615362
	20	20,5	652012	615372

- Characteristics : completely closed design. Rubber surface for less noise even in high speed conveyors. Hub in acetal for low friction.
- Version with **Microban®** material : roller in acetal POM (white) with **Microban®** antibacterial protection. External EPDM rubber surface (grey) with **Microban®** antibacterial protection. 65 Shore hardness.
- Version without **Microban®** material : roller in acetal POM (grey). External EPDM rubber surface (grey). 65 Shore hardness.
- Packaging : 100 pieces.

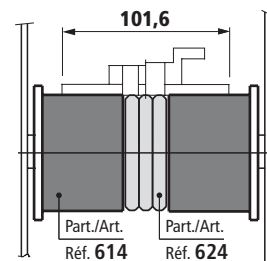


• TableTop® chains / PlateTop chains

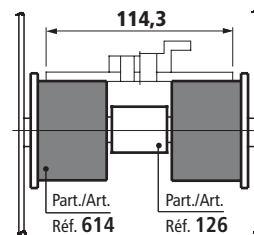
Chain width 82,5 mm (K 325)



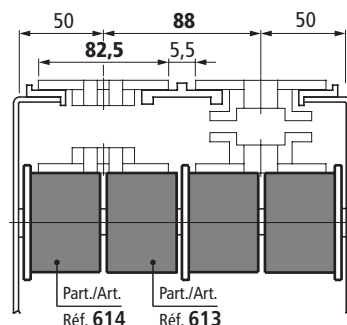
Chain width 101,6 mm (K400)



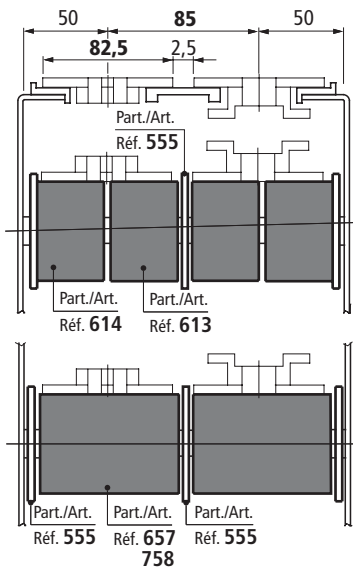
Chain width 114,3 mm (K 450)



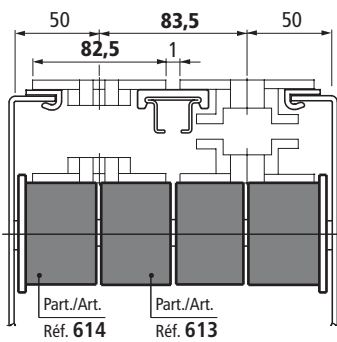
Chain width 82,5 mm (K 325) / Pitch 88 mm



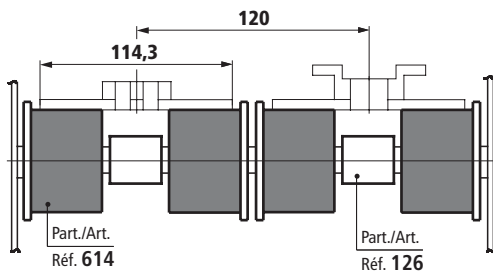
Chain width 82,5 mm (K 325) / Pitch 88 mm



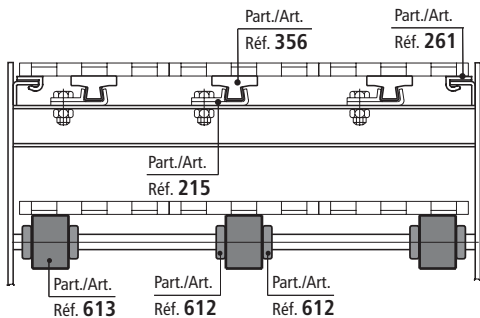
Chain width 82,5 mm (K 325) / Pitch 83,5 mm



Chain width 114,3 mm (K 450) / Pitch 120 mm

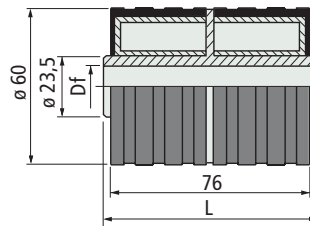


• MatTop® modular chains



■ Double roller (with rubber surface)

Part. **657**



Dia. 60 mm

PATENTED

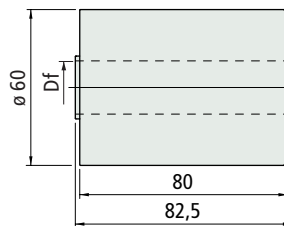
Part.	shaft dia. mm	Bore dia. Df mm	Code	
			L = 82	L = 84,5
657	15	15,5	656992	608253*
	16	16,5	657002	608263*
	18	18,5	657012	608273*
	20	20,5	657022	608283*

* = New Product

- Characteristics : completely closed design. Rubber surface for less noise even in high speed conveyors. Hub in acetal for low friction.
- Material : roller in acetal POM (grey). External EPDM rubber surface (grey). 65 shore hardness
- Packaging : 100 pieces.

■ Double roller

Part. **758**



New Product

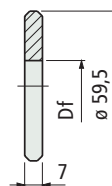
Dia. 60 mm

Part.	Material	shaft dia. mm	Bore dia. Df mm	Code
				758
		20	20,5	608543
	Polyethylene PE	18	18,5	609863
		20	20,5	609933

- Characteristics : completely closed design.
- Version in UNL™ low noise material.
- Colour : UNL™ (aubergine), Polyethylene PE (white).
- Packaging : 100 pieces.

■ Separator

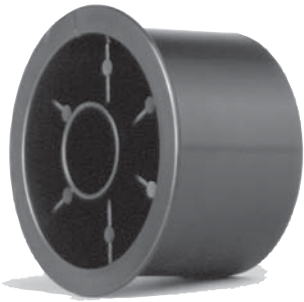
Part. **624**



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

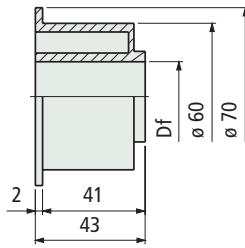
- Assembly : to be applied to rollers Part. 556-614.
- Material : Polyethylene PE (white).
- Packaging : 100 pieces.

Part. 556



Dia. 60 mm

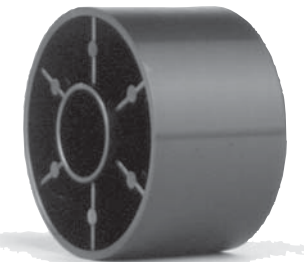
Roller



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

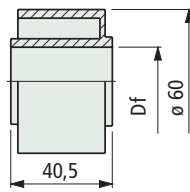
- Material : self-lubricating polyamide PA (black).
- Packaging : 100 pieces.

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

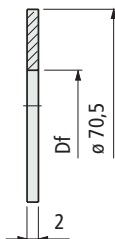
- Material : self-lubricating polyamide PA (black).
- Packaging : 100 pieces.

Part. 555



For Part. 554-613

Guide flange

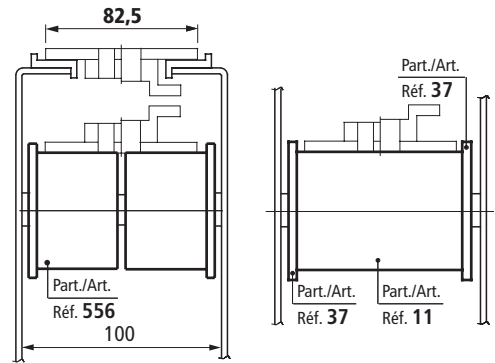


Part.	shaft dia. mm	Bore dia. Df mm	Code
555	15	15,2	695181*
	16	16,2	695191
	18	18,2	695201*
	20	20,2	695211

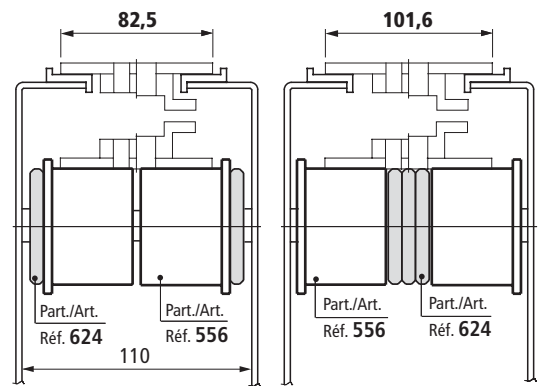
- Assembly : to be applied to rollers Part. 554-613.
- Material : self-lubricating polyamide PA (black).
- Packaging : 100 pieces.

TableTop® chains / PlateTop chains

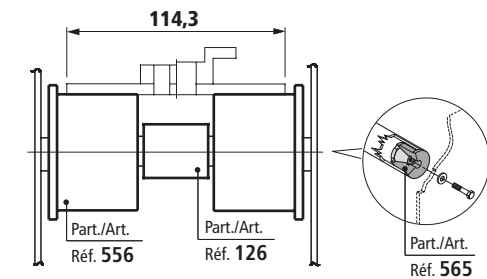
Chain width 82,5 mm (K 325)



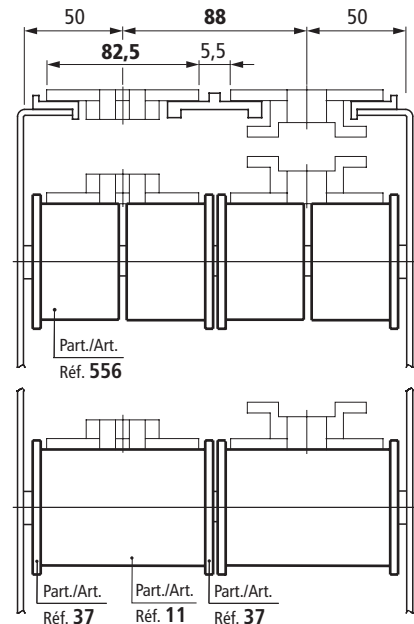
Chain width 82,5 mm (K325) - 101,6 mm (K400)



Chain width 114,3 mm (K 450)

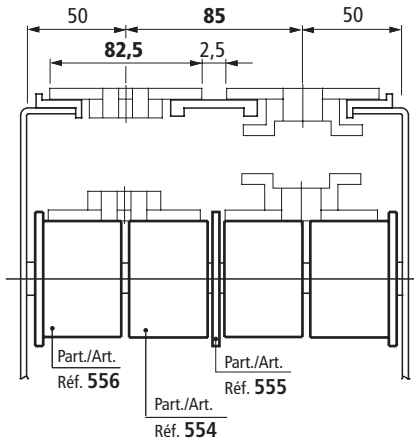


Chain width 82,5 mm (K 325) / Pitch 88 mm

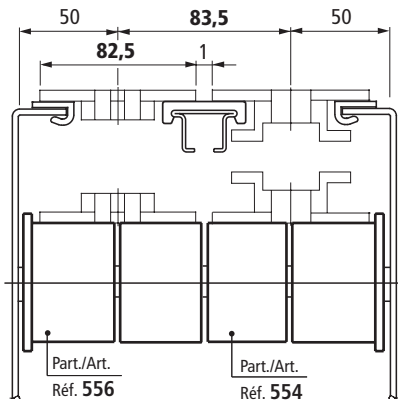


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

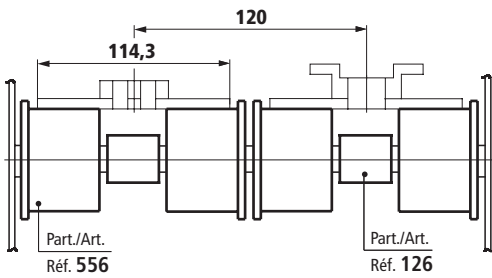
Chain width 82,5 mm (K 325) / Pitch 85 mm



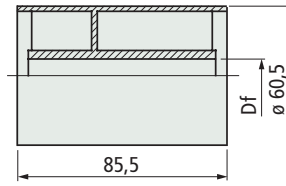
Chain width 82,5 mm (K 325) / Pitch 83,5 mm



Chain width 114,3 mm (K 450) / Pitch 120 mm



Roller



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

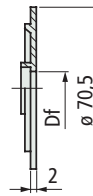
- Material : polyamide PA (black).
- Packaging : 50 pieces.

Part. 11



Dia. 60 mm

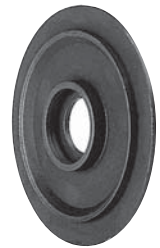
Guide flange



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

- Material : polyamide PA (black).
- Assembly : by pressure on the centre hole.
- to be applied to roller Part.11
- Packaging : 100 pieces.

Part. 37



For Part. 11

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

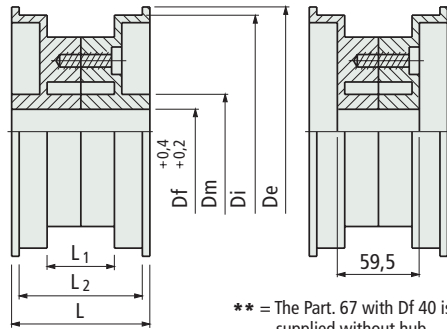
Part. 67-22-74



Rollers

Part. 67 (Df 30) - 22 - 74

Part. 67 (Df 40)



** = The Part. 67 with Df 40 is supplied without hub

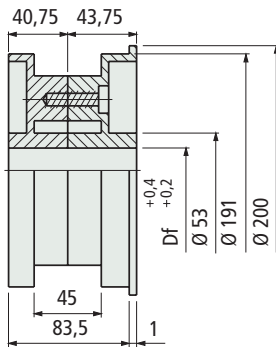
Part.	De mm	Di mm	Dm mm	L1 mm	L2 mm	L mm	Bore dia.		Code
							Df mm	mm	
67	167	156	41	50	84,5	87,5	30	50580	
							**	40	50590
22	200	191	53	45	85,5	87,5	30	63840	
								40	50630*
74	200	191	53	62	102,5	105,5	30	50640	
								40	50650*

- 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. 22M



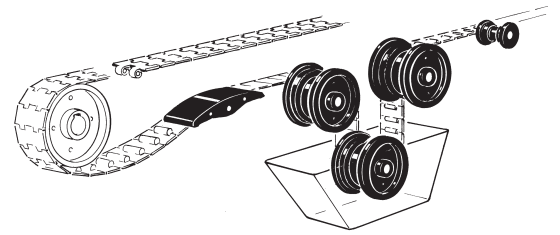
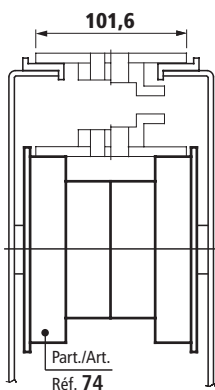
Roller



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

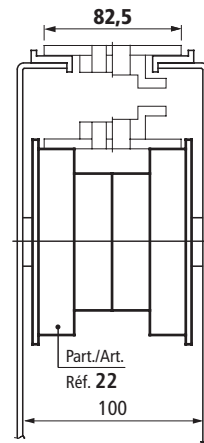
- Material : roller in polyamide PA (black), screws in zinc plated steel.
- Packaging : 20 pieces.

Chain width 101,6 mm (K 400)

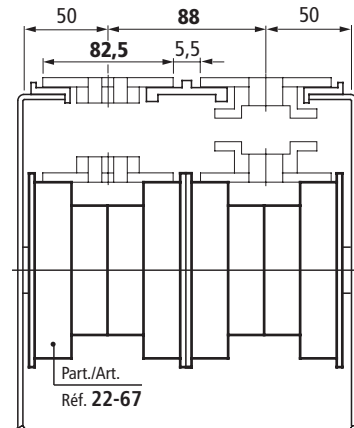


TableTop® chains

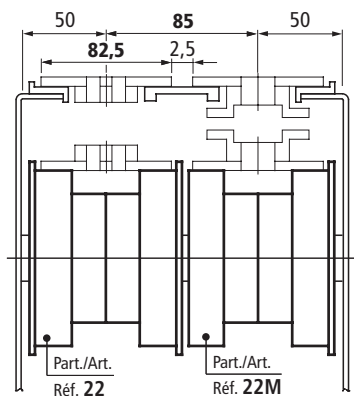
Chain width 82,5 mm (K 325)



Chain width 82,5 mm (K 325) / Pitch 88 mm



Chain width 82,5 mm (K 325) / Pitch 85 mm

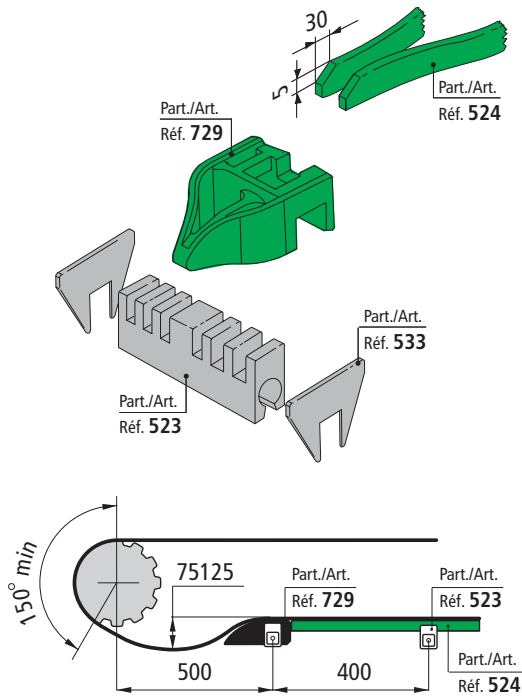


- With 3 track conveyors: use 1 Part. 22 and 2 Part. 22 M.
- With 4 track conveyors: use 1 Part. 22 and 3 Part. 22 M, etc.

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

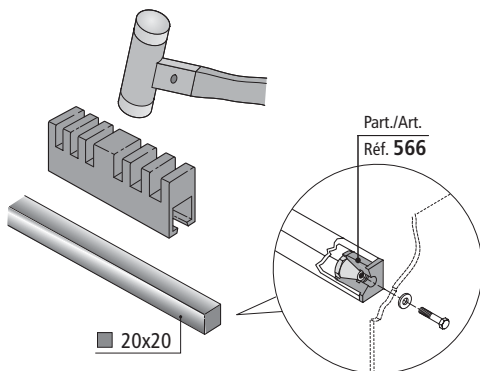
• Assembly Part. 729

Assembly : press-fit. Interference fixed
For assembly schemes see page S56-S57.

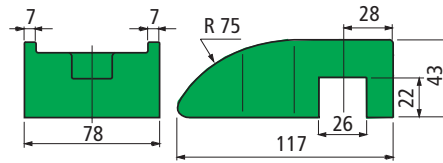


• Assembly Part. 523

Snap-on assembly on square
For assembly schemes see page S56-S57.



■ Chain return guide



Part.	Material	Code	Weight Kg
729	Polyamide PA (black)	689642	0,10
	Polyethylene PE (green)	697662	

- New design offers less and more uniform wear of chains and better cleanability.
- PE Polyethylene (UHMWPE) version can be used both with plastic chains and metal chains. PA Polyamide version is recommended for metal chains
- Packaging : 50 pieces

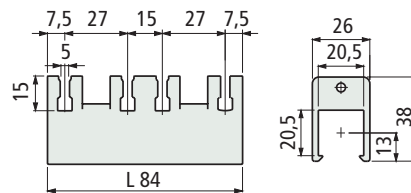
Part. 729



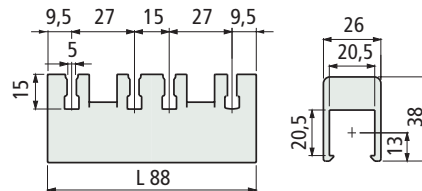
New Product

■ Spacer for square profiles

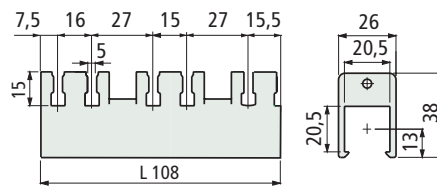
Version width L 84 mm



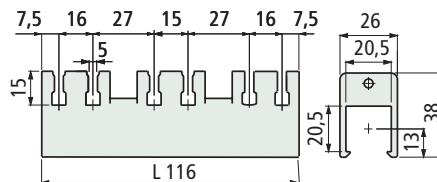
Version width L 88 mm



Version width L 108 mm



Version width L 116 mm



Part.	square shaft mm	Width L mm	Code	Weight Kg
523	20x20	L 84	643451	0,03
		L 88	698472*	0,05
		L 108	698462*	0,05
		L 116	692122*	0,05

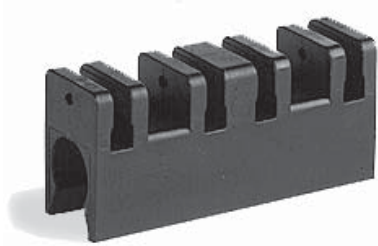
* = New Product

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

Part. 523

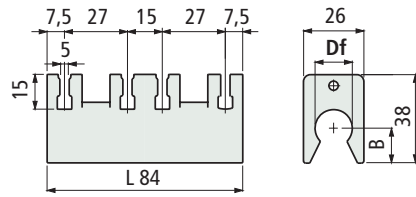


Part. 523

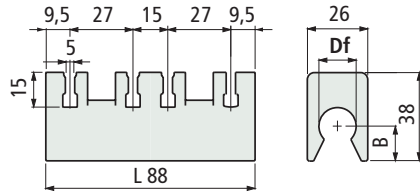


■ Spacer for round profile

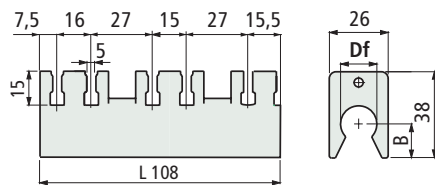
Version with L 84 mm



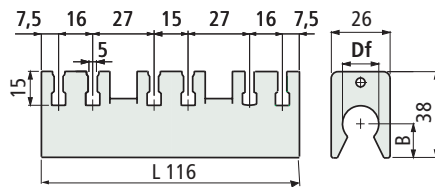
Version width L 88 mm



Version width L 108 mm

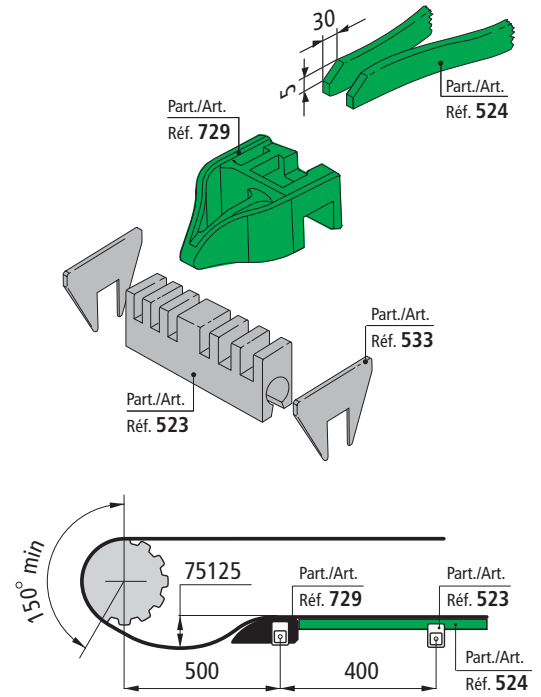


Version width L 116 mm

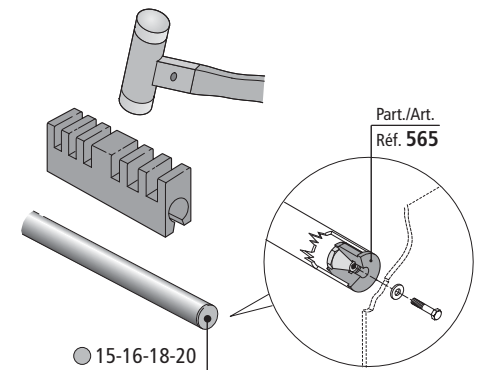


Part.	Width L mm	Bore dia. Df mm	Bore dia. Df inch	Code	B mm	Weight Kg
523	L 84	15	—	643461*	15,5	0,04
		16	—	643471*	15	
		18	—	643481*	14	
		20	—	643491	13	
		—	3/4"	692112•	13	
L 88	20	—	698442•	13	0,05	
	—	3/4"	698452•	13		
L 108	20	—	698422•	13	0,05	
	—	3/4"	698432•	13		
L 116	20	—	692132•	13	0,05	
	—	3/4"	692142•	13		

- = New Product
- Material : Polyamide PA (black).
- Packaging : 100 pieces.

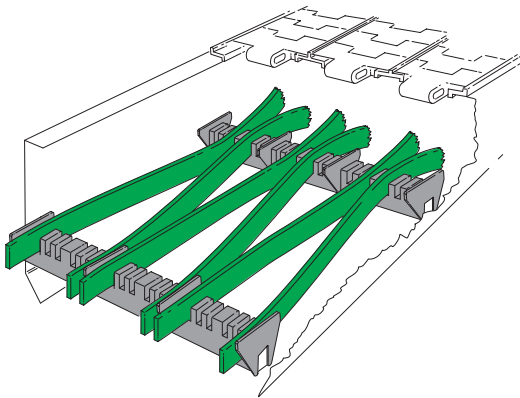
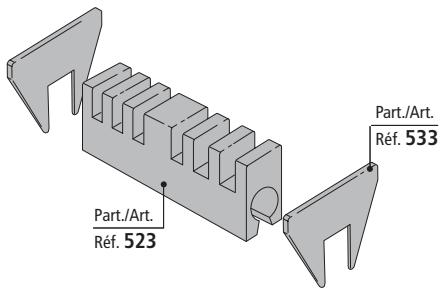


- Assembly Part. 523
Snap-on assembly on round steel profiles.
For assembly schemes see page S56-S57

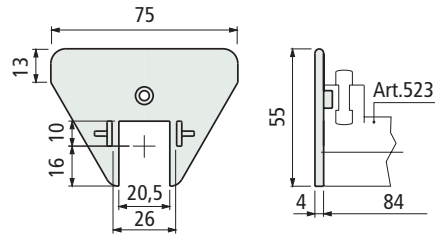


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

for Part. 523



■ Striker



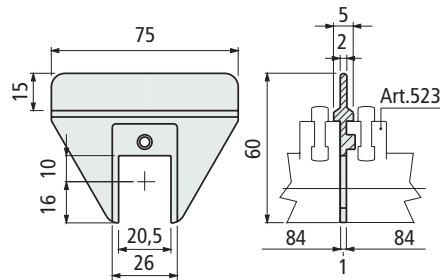
Part.	Code	Weight Kg
533	672801	0,01

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

Part. 533



■ Striker (centre)



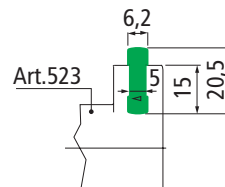
Part.	Code	Weight Kg
533	672811*	0,01

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

Part. 533



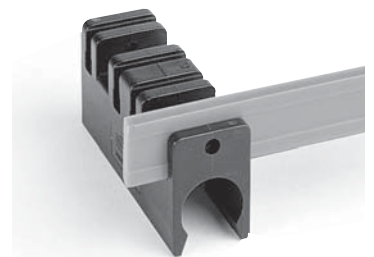
■ Sliding profile



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

- Assembly : Applicable to spacers Part. 523. Snap-on assembly.
- Standard packaging : coil.
- Packaging : 70 metres.

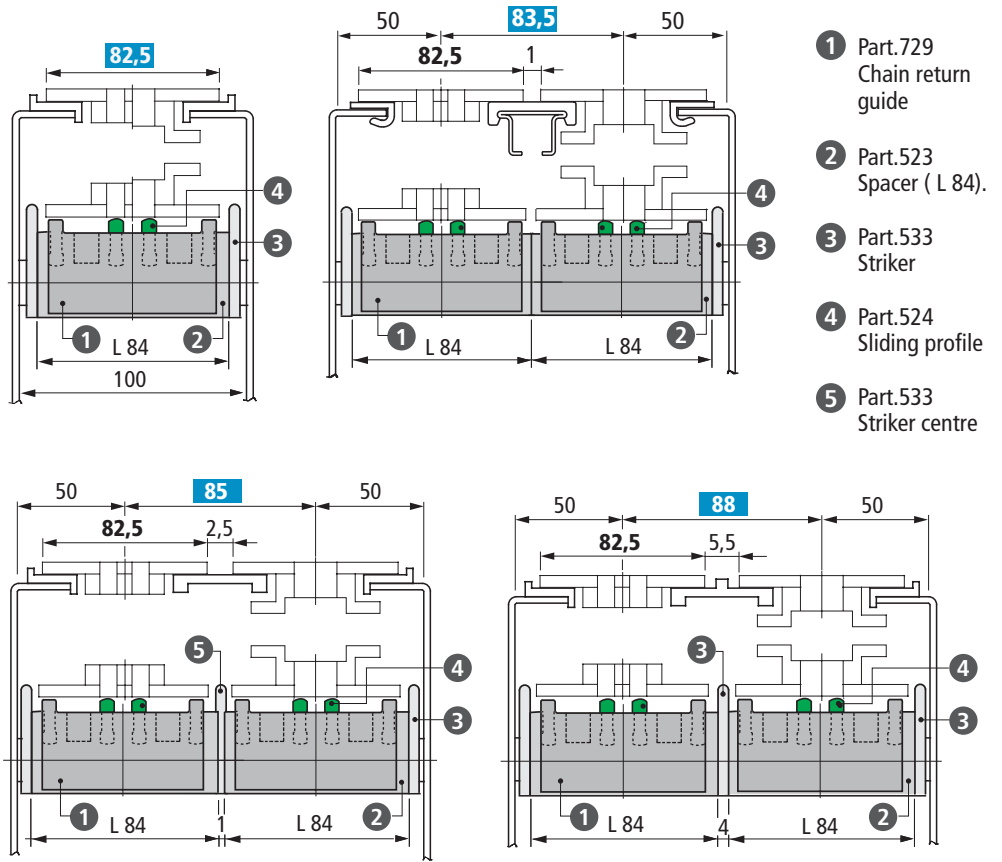
Part. 524



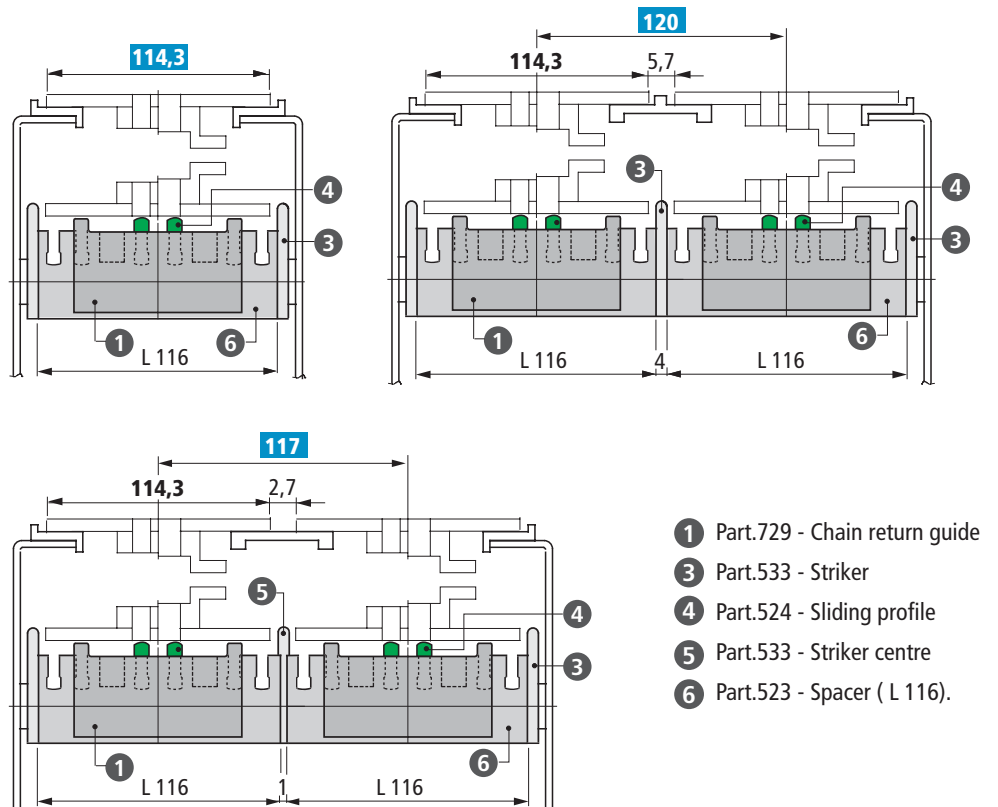
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Assembly schemes for:
Part. 729-523-533-524.

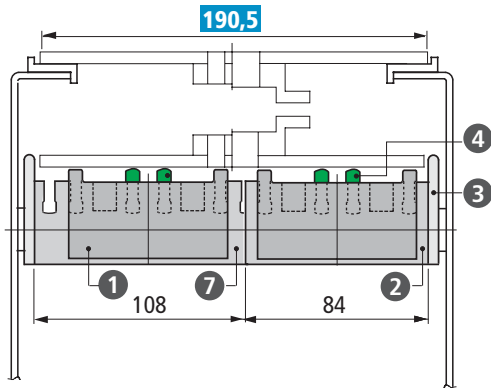
• Chain width 82,5 mm (K325)



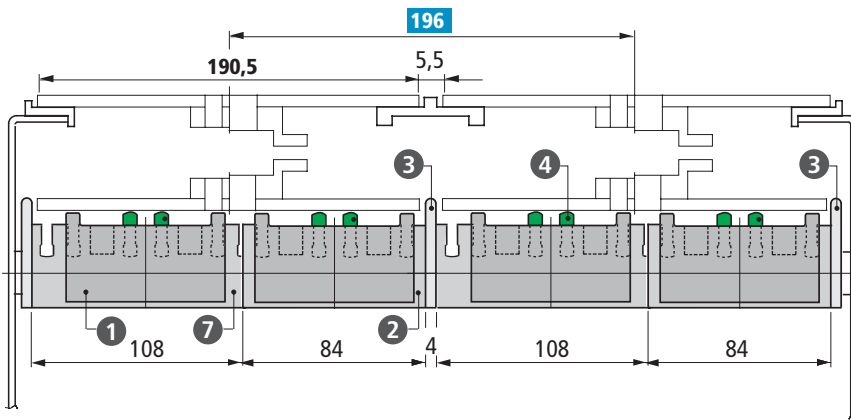
• Chain width 114,3 mm (K450)



• Chain width 190,5 mm (K750)

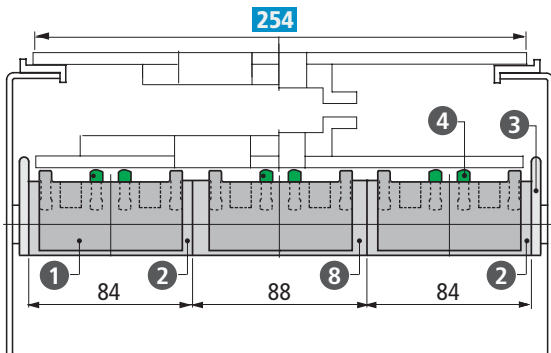


- ① Part.729 - Chain return guide
- ② Part.523 - Spacer (L 84).
- ③ Part.533 - Striker
- ④ Part.524 - Sliding profile
- ⑦ Part.523 - Spacer (L 108).



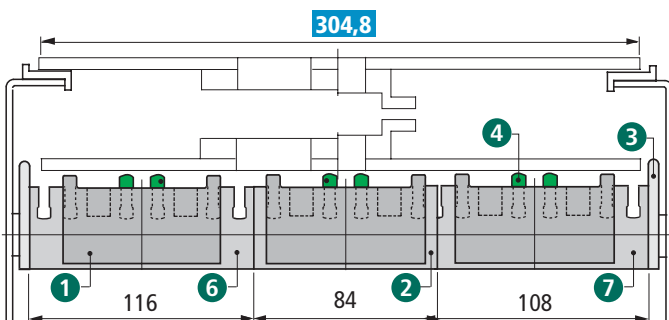
Assembly schemes for:
Part. 729-523-533-524.

• Chain width 254 mm (K1000)



- ① Part.729 - Chain return guide
- ② Part.523 - Spacer (L 84).
- ③ Part.533 - Striker
- ④ Part.524 - Sliding profile
- ⑧ Part.523 - Spacer (L 88).

• Chain width 304,8 mm (K1200)



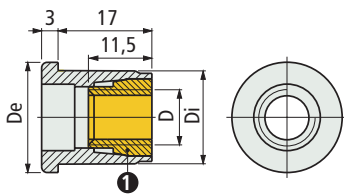
- ① Part.729 - Chain return guide
- ② Part.523 - Spacer (L 84).
- ③ Part.533 - Striker
- ④ Part.524 - Sliding profile
- ⑥ Part.523 - Spacer (L 116).
- ⑦ Part.523 - Spacer (L 108).

Part. 565



for round tubes Dia. 18-20 mm

Expansion plugs



① Expansion cone

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

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

Part. 179

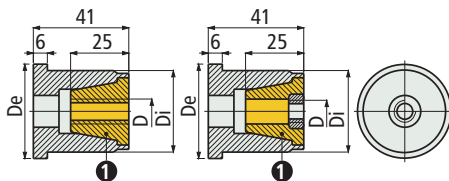


for round tubes Dia. 38-42,4 mm

Expansion plugs

Expansion cone in brass

Expansion cone in reinforced polyamide PA FV

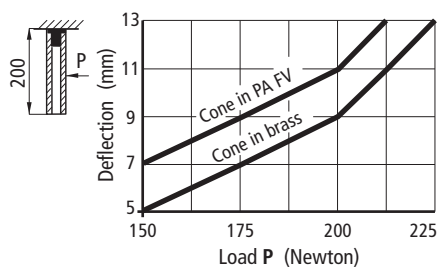


① Expansion cone

Tube dimensions							
Part.	Outside dia.mm	Thickness mm	Inside dia.mm	Thread D	De mm	Di mm	Code
179	Ø 38	1,5	35	M8	40	34,8	69513
				M10	40	34,8	69523
	Ø 42,4	1,5	39,4	M8	44,5	39,2	69533
				M10	44,5	39,2	69543
179	Ø 38	1,5	35	M8	40	34,8	54881
				M10	40	34,8	52641*
	Ø 42,4	1,5	39,4	M8	44,5	39,2	54891
				M10	44,5	39,2	52651*

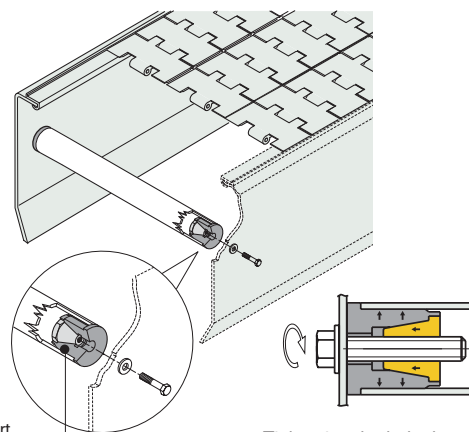
- Expansion cone in brass
- Expansion cone in reinforced polyamide PA FV
- Material : plug in reinforced polyamide PA (black), expansion cone in brass or in reinforced polyamide PA FV.
- Weight : 0,10 Kg.
- Packaging : 50 pieces.
- Max recommended tightening torque : 2,5 Kgm (for M8), 4 Kgm (for M10).

• Deflection of Part. 179



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

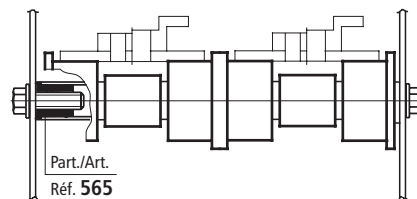
• Assembly Part. 565 - 179



Part./Art. Réf. 565-179

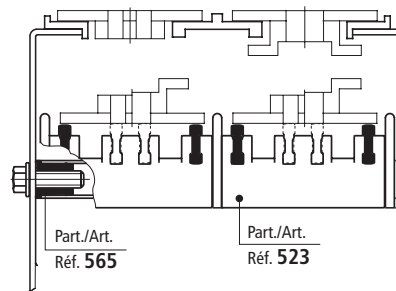
Tightening the bolt, the plug expands and stays firmly in the tube.

• Application example of Part.565 for return chain rollers



Part./Art. Réf. 565

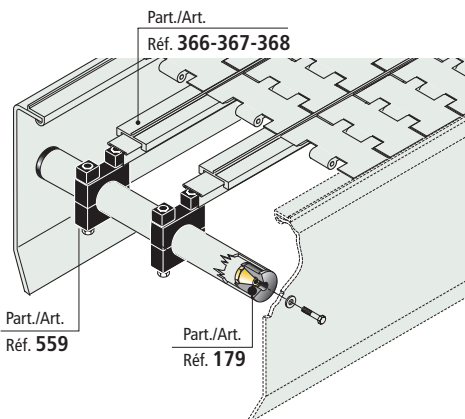
• Application example of Part.565 for serpentine return



Part./Art. Réf. 565

Part./Art. Réf. 523

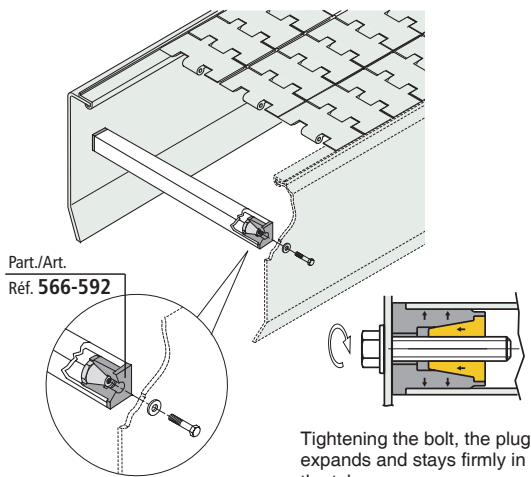
• Application example of Part.179 for supporting chain guide profile Part.366-367-368



Part./Art. Réf. 559

Part./Art. Réf. 179

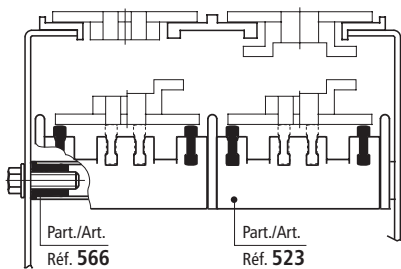
• Assembly Part. 566 - 592



Part./Art.
Réf. 566-592

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

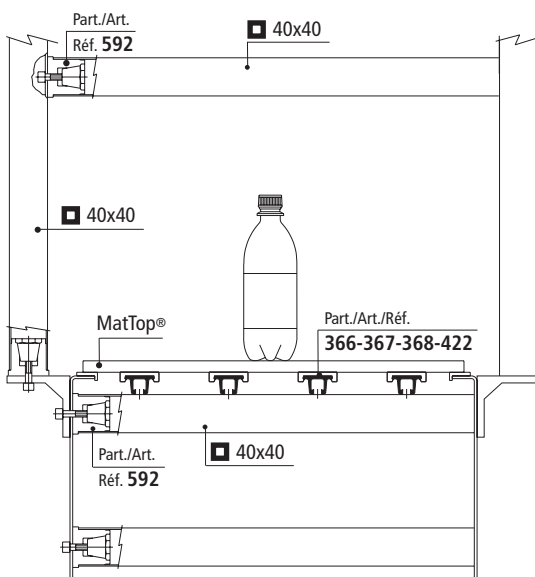
• Application example of Part.566 for serpentine return



Part./Art.
Réf. 566

Part./Art.
Réf. 523

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

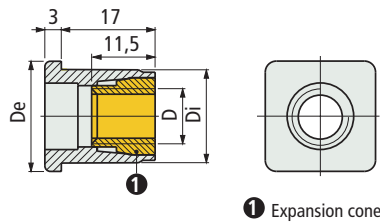


Part./Art.
Réf. 592

Part./Art./Réf.
366-367-368-422

Part./Art.
Réf. 592

■ Expansion plugs



① Expansion cone

Tube dimensions						
Part. dia.mm	Outside Thickness mm	Inside dia. mm	Thread D	De mm	Di mm	Code
566	1,5	17	M8	20	17	698701
			M10	20	17	698711
	2	16	M8	20	16	698721

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

Part. 566

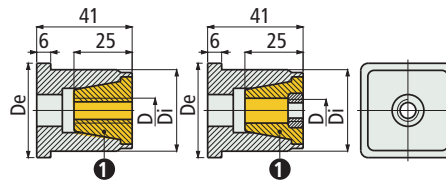


for tubes \varnothing 20 mm

■ Expansion plugs

Expansion cone in brass

Expansion cone in reinforced polyamide PA FV



① Expansion cone

Tube dimensions						
Part. dia.mm	Outside Thickness mm	Inside dia. mm	Thread D	De mm	Di mm	Code

• Expansion cone in brass

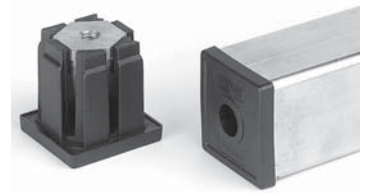
592	\varnothing 40	1,5/2	37/36	M8	42	36	609442
				M10	42	36	609462
		2,5/3	35/34	M8	42	34	609482
				M10	42	34	609502

• Expansion cone in reinforced polyamide PA FV

592	\varnothing 40	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

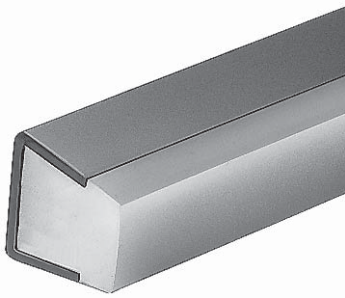
- Material : plug in reinforced polyamide PA FV (black), expansion cone in brass or in reinforced polyamide PA FV.
- Weight : 0,10 Kg.
- Packaging : 50 pieces.
- Max recommended tightening torque : 2,5 Kgm (for M8), 4 Kgm (for M10).

Part. 592

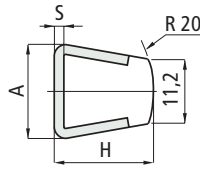


for tubes \varnothing 40 mm

Part. 317



■ Guide rail (half round)



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

Part.	Thickness		Metal profile material	Length metres	Code	Weight kg/m
	S	mm				
317	1,5	mm	Inox AISI 304	3	69072	0,54
				6	69302	
	2	mm	Inox 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 S204.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).
- Accessories :



Guide rail clamps see page S104.

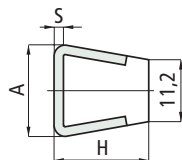


Guide rail bending machine (manual) see page S101.

Part. 223



■ Guide rail (flat)



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

Part.	Thickness		Metal profile material	Length metres	Code	Weight kg/m
	S	mm				
223	1,5	mm	Inox AISI 304	3	61031	0,54
				6	69402	
	2	mm	Zinc plated steel	3	63971	
				6	61743*	
	2	mm	Inox 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 S204.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).
- Accessories :

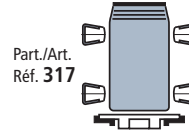


Guide rail clamps see page S104.

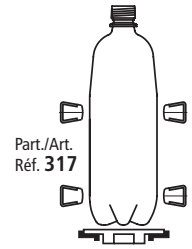


Guide rail bending machine (manual) see page S101.

- Use of Part. 317
Delicate containers (ex: empty cans, empty PET).

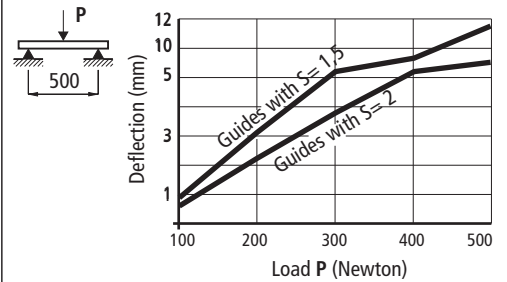


Part./Art. Réf. 317

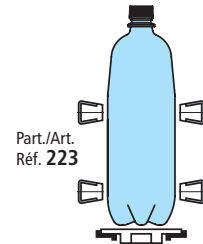


Part./Art. Réf. 317

- Deflection of Part. 317 - 223

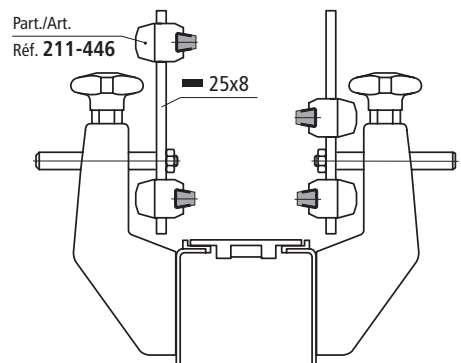


- Use of Part. 223
Middle delicate containers (ex: full PET).



Part./Art. Réf. 223

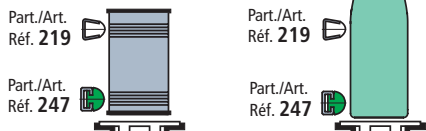
- Assembly of Part. 317-223



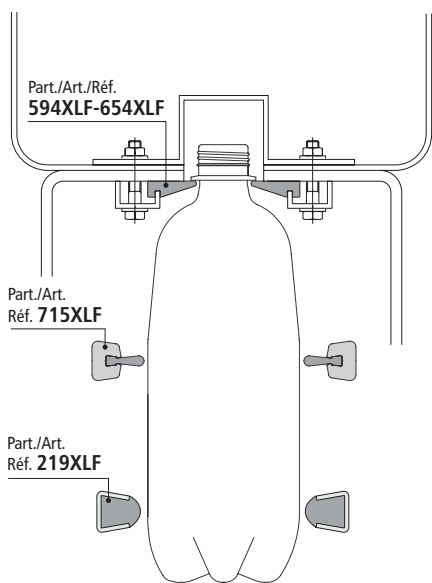
Part./Art. Réf. 211-446

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

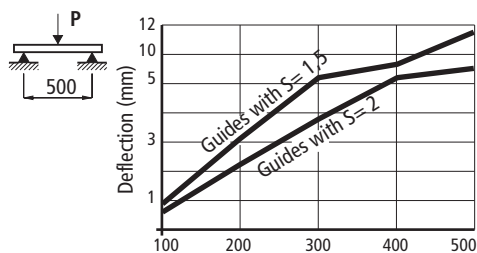
- Use of Part. 219-247
Medium strength containers
(ex: latten, glass).



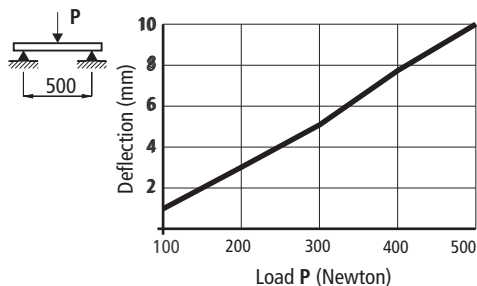
Plastic profile of Part. 247 can be disassembled.



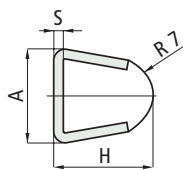
- Deflection of Part. 219-219XLF



- Deflection of Part. 247



■ Guide rail (round)



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

Part.	Thickness S mm	Metal profile material	Length metres	Code	
				Without Microban®	With Microban®
Plastic profile in polyethylene UHMWPE (white).					
219	1,5	Inox AISI 304	3	60161	-
			6	69292	-
219	2	Zinc plated steel	3	63961	-
			6	61753	651972
2	Inox AISI 304	Zinc plated steel	3	61753	651972
			6	67113	-
Plastic profile in polyethylene XLF (grey)					
219XLF	1,5	Inox AISI 304	3	XL691852*	-
			6	XL691862*	-
219XLF	2	Inox AISI 304	3	XL691872*	-
			6	XL691882*	-

* = New Product.

- Characteristics new material Polyethylene XLF grey (UHMWPE) : reduced friction coefficient with a consequent higher wear resistance, XLF manufactured guides do not leave any traces on the container.
- Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 145 mm.
- Weight : 0,54 kg/m.
- Linear expansion coefficient : 4×10^{-5} .
Calculation of thermal expansion see page S204.
- Packaging : 24 metres (in 3 m length).
48 metres (in 6 m length).

- Accessories :

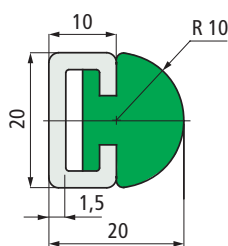


Guide rail clamps
see page S104.



Guide rail bending machine (manual)
see page S101.

■ Guide rail (round)



Part.	Length metres	Metal profile material	Code	Weight kg/m
Plastic profile material in polyethylene PE 500.000 (green).				
247	3	Inox AISI 304	63911	0,67
		Zinc plated steel	63921	
Plastic profile material in polyethylene PE 500.000 (black).				
247	3	Zinc plated steel	684232*	0,67
		Zinc plated steel	689712*	

* = New Product.

- Min. curvature radius : 145 mm.
- Linear expansion coefficient : 2×10^{-4} .
Calculation of thermal expansion see page S204.
- Packaging : 24 metres.

- Accessories :

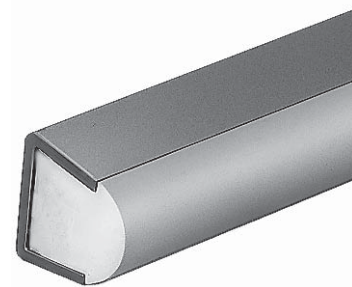


Guide rail clamps
see page S104.



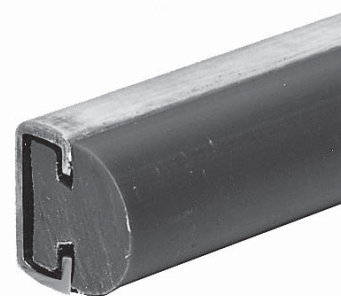
Guide rail bending machine (manual)
see page S101.

Part. 219-219XLF

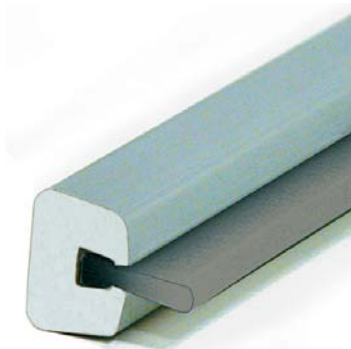


Microban®
antibacterial protection

Part. 247

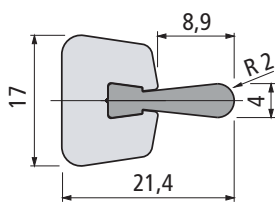


Part. **715-715XLF**



In aluminium
New Product

■ Guide rail



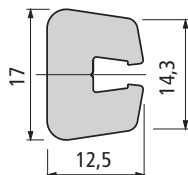
Part.	Length metres	Code	Weight kg/m
Plastic profile in Polyethylene (white)			
715	3	686182	0,59
	6	686192	
Plastic profile in Polyethylene XLF (grey)			
715XLF	3	XL691892	0,59
	6	XL691902	

- The advantage of this new material is a reduced friction coefficient with a consequent higher wear resistance. Moreover, XLF manufactured guides do not leave any traces on the container.
- Material : metal profile in anodized aluminium.
- The plastic and metal profiles are supplied disassembled.
- Linear expansion coefficient : 2×10^{-4} .
- Packaging : 72 metres.
- Accessories :



The guide rail can be supplied with separated components.

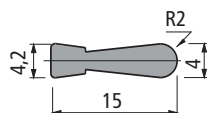
Part. **717 - Metal profile**



Part.	Length metres	Code	Weight kg/m
717	3	686222	0,50

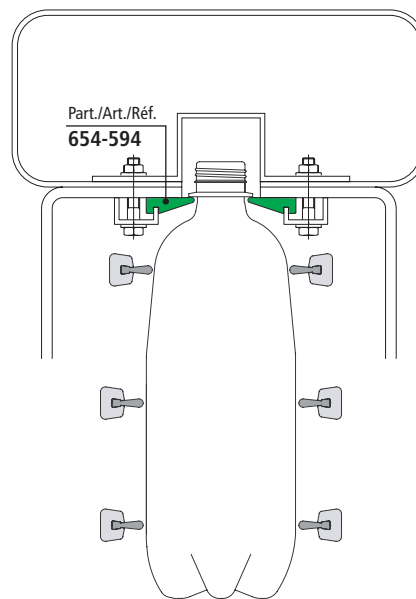
Packaging : 60 metres.

Part. **716-716XLF- Plastic profile**

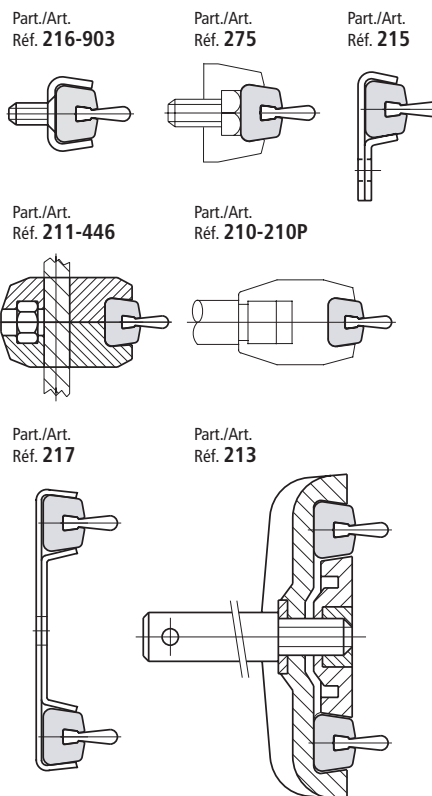


Part.	Length metres	Code	Weight kg/m
Polyethylene (white)			
716	3	688942	0,09
	6	688952	
Polyethylene XLF (grey)			
716XLF	3	XL691912	0,09
	6	XL691922	

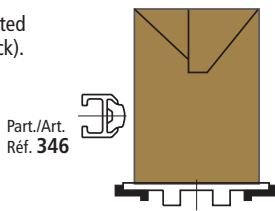
- Packaging : 60 metres.



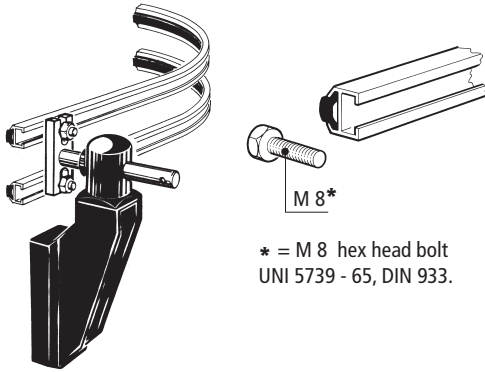
• Accessories : guide rail clamps see page S122



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

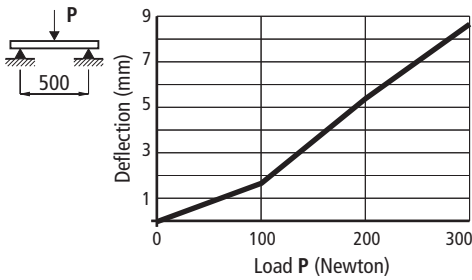


- Assembly of Part. 346

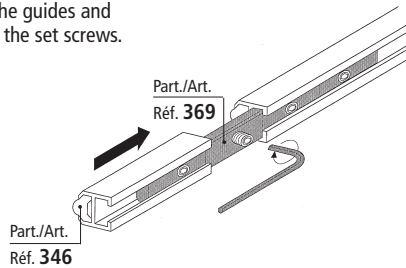


* = M 8 hex head bolt
UNI 5739 - 65, DIN 933.

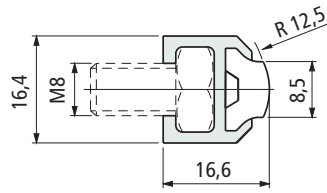
- Deflection of Part. 346



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



■ Guide rail (half round)



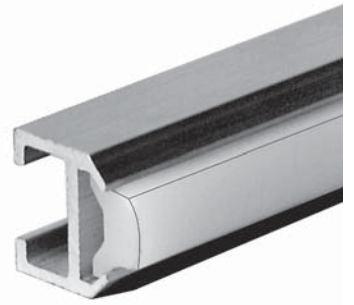
Part.	Length metres	Code	Weight kg/m
346	3	60204	0,24
	6	60214	

- 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 S204.
- Packaging : 48 metres (in 3 m length).
96 metres (in 6 m length).
- Accessories :



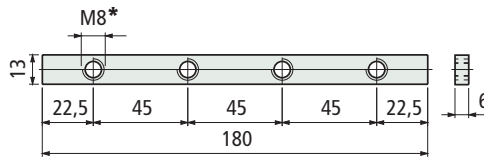
Guide rail bending machine (manual)
see page S101.

Part. 346



In aluminium

■ Connecting bar



* = set screw

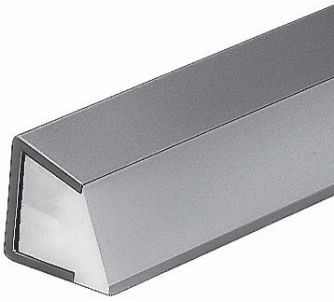
Part.	Code
369	69995

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

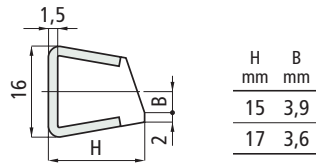
Part. 369



Part. 393



Label protection guide



Part.	Metal profile material	Length metres	H mm	Code	Weight kg/m
393	Inox 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 S204.
- Packaging : 24 metres.
- Accessories :



Guide rail clamps see page S104.

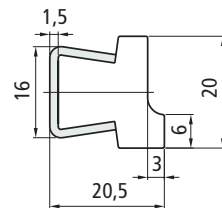


Guide rail bending machine (manual) see page S101.

Part. 596



Label protection guide



Part.	Metal profile material	Length metres	Code	Weight kg/m
596	Inox 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 S204.
- Packaging : 48 metres.
- Accessories :



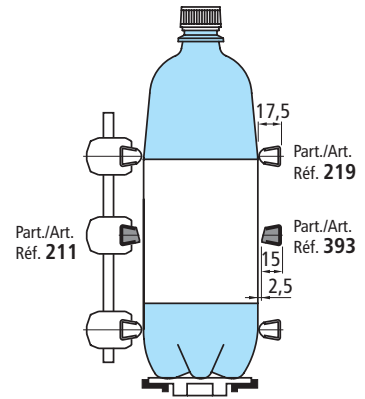
Guide rail clamps see page S104.



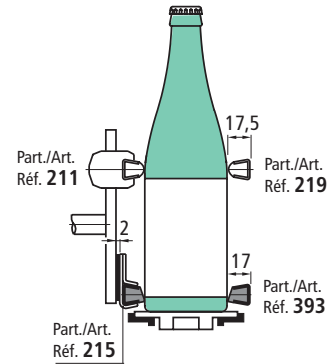
Guide rail bending machine (manual) see page S101.

Use of Part. 393

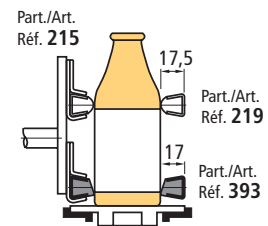
Transport of PET btles with petaloid bottom. The guide can be used to stabilize, and protect label from damage.



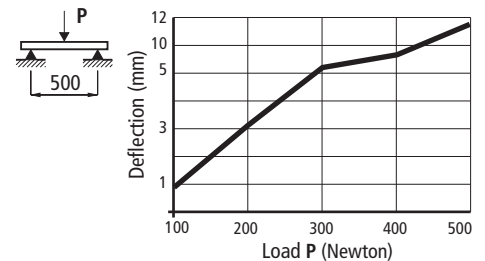
Transport of glass bottles.



Transport of fruit juices.



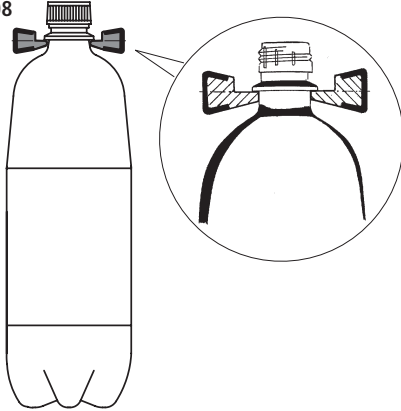
Deflection of Part. 393 - 596



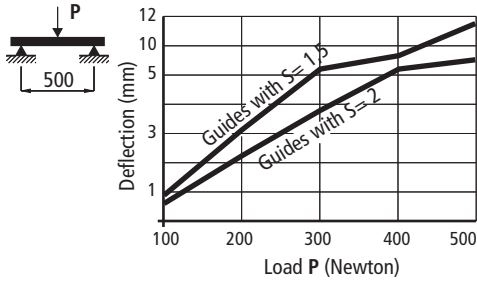
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

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

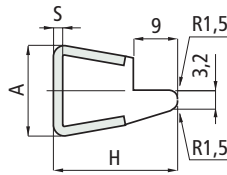
Part./Art.
Réf. 308



- Deflection of Part. 308



Neck transport guide



S	H	A
mm	mm	mm
1,5	22,5	16
2	23	17

Part.	Metal profile material	Thickness	Length metres	Code	Weight kg/m
		S mm			
308	Inox AISI 304	1,5	3	65602	0,65
			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 S204.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).

- Accessories :

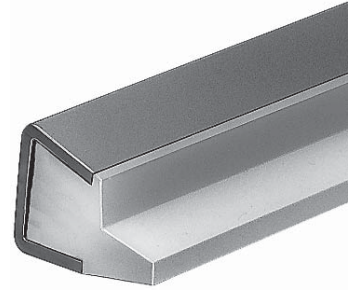


Guide rail clamps
see page S104.



Guide rail bending machine (manual)
see page S101.

Part. 308

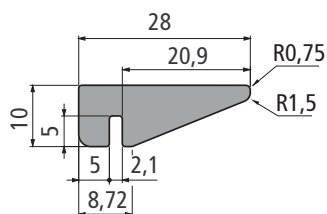


Part. **594XLF**



New Product

■ Neck transport guide



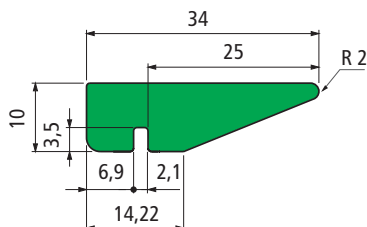
Part.	Length metres	Code
594 XLF	3	XL 691702
	6	XL 691712

- Characteristics : new material Polyethylene XLF grey (UHMWPE) : reduced friction coefficient, higher wear resistance, do not leave any traces on the container.
- Material : Polyethylene UHMWPE (grey) + solid lubricant.
- Min. curvature radius : 750 mm.
- Linear expansion coefficient : 2×10^{-4} . Calculation of thermal expansion see page S204.
- Packaging : 45 metres (in 3 m length). 90 metres (in 6 m length).

Part. **654-654XLF**



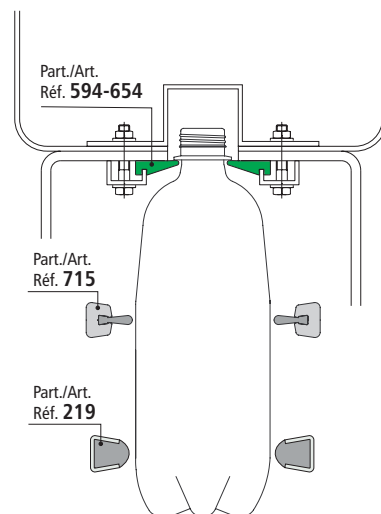
■ Neck transport guide



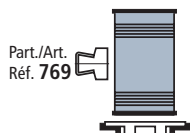
Part.	Length metres	Code
Polyethylene UHMWPE (green)		
654	6	654872
Polyethylene XLF (grey)		
654 XLF	3	XL691722*
	6	XL691732*

- * = New Product.
- Characteristics : new material Polyethylene XLF grey (UHMWPE) : reduced friction coefficient, higher wear resistance, do not leave any traces on the container.
- Min. curvature radius : 750 mm.
- Linear expansion coefficient : 2×10^{-4} . Calculation of thermal expansion see page S204.
- Packaging : 90 metres.

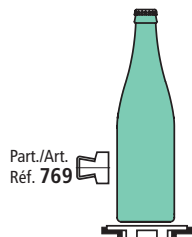
- Use of Part. 594-654 Overhead transport of PET bottles.



- Use of Part. 770-769 Medium strength containers. (ex. latten, glass)

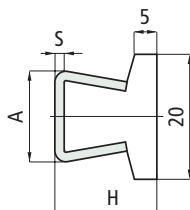


Part./Art.
Réf. 769



Part./Art.
Réf. 769

■ Guide rail (flat)



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

Part.	Thickness		Metal profile material	Length metres	Code	Weight kg/m
	S mm	A mm				
770	1,5	17	Inox AISI 304	3	609183	0.61
			Zinc plated steel	6	609193	
	2	17,5	Inox AISI 304	3	609213	0.71
			Zinc plated steel	6	609223	

- Plastic profile material : polyethylene UHMWPE (white) with Microban® antibacterial protection. Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 160 mm.
- Linear expansion coefficient : 4×10^{-5} .
- Calculation of thermal expansion see page S204.
- Packaging : 24 metres
- Accessories :

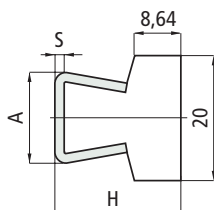


Guide rail clamps see page S104.



Guide rail bending machine (manual) see page S101.

■ Guide rail (flat)



S mm	H mm	A mm
1,5	20,5	16
2	21	17

Part.	Thickness		Metal profile material	Length metres	Code	Weight kg/m
	S mm	A mm				
769	1,5	20,5	Inox AISI 304	3	609133	0,67
			Zinc plated steel	6	609143	
	2	21	Inox AISI 304	3	609163	0,78
			Zinc plated steel	6	609173	

- Plastic profile material : polyethylene UHMWPE (white) with Microban® antibacterial protection. Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 160 mm.
- Linear expansion coefficient : 4×10^{-5} .
- Calculation of thermal expansion see page S204.
- Packaging : 24 metres
- Accessories :



Guide rail clamps see page S104.



Guide rail bending machine (manual) see page S101.

Part. 770



New Product



Part. 769



New Product



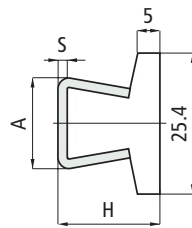
Part. **768**



New Product



■ Guide rail (flat)



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

Part.	Thickness		Metal profile material	Length metres	Code	Weight kg/m
	S mm	mm				
768	1,5	3	Inox AISI 304	3	609083	0,63
			Zinc plated steel	6	609093	
	2	3	Inox AISI 304	3	609103	0,74
			Zinc plated steel	6	609113	
				6	609123	

- Plastic profile material : polyethylene UHMWPE (white) with Microban® antibacterial protection. Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 160 mm.
- Linear expansion coefficient : 4×10^{-5} . Calculation of thermal expansion see page S204.
- Packaging : 24 metres
- Accessories :



Guide rail clamps see page S104.



Guide rail bending machine (manual) see page S101.

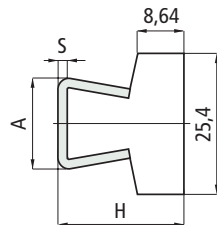
Part. **767**



New Product



■ Guide rail (flat)



S	H	A
mm	mm	mm
1,5	20,5	16
2	21	17

Part.	Thickness		Metal profile material	Length metres	Code	Weight kg/m
	S mm	mm				
767	1,5	3	Inox AISI 304	3	609033	0,72
			Zinc plated steel	6	609043	
	2	3	Inox AISI 304	3	609063	0,82
			Zinc plated steel	6	609073	

- Plastic profile material : polyethylene UHMWPE (white) with Microban® antibacterial protection. Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 160 mm.
- Linear expansion coefficient : 4×10^{-5} . Calculation of thermal expansion see page S204.
- Packaging : 24 metres
- Accessories :

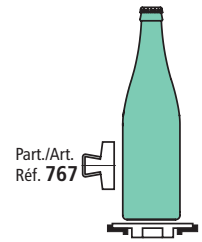
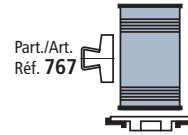


Guide rail clamps see page S104.



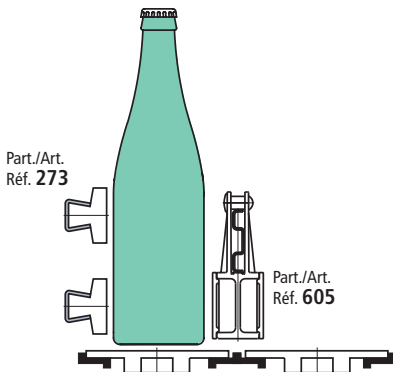
Guide rail bending machine (manual) see page S101.

- Use of Part. 770-769 Medium strength containers. (ex. latten, glass)

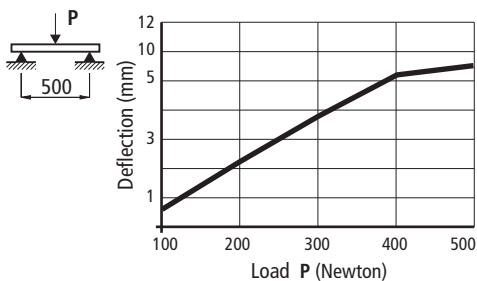


• Use of Part. 273

Rugged containers with delicate surface (ex. decorated glass bottles). Can be use in combination with Part. 605.

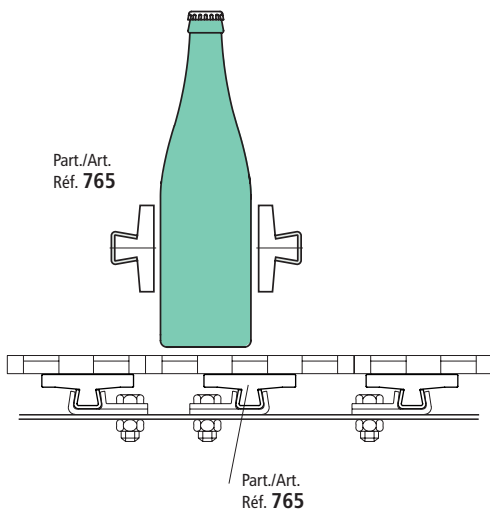


• Deflection of Part. 273

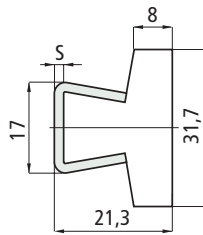


• Use of Part. 765

Rugged containers with delicate surface (ex. decorated glass bottles).



■ Guide rail (extra-flat)



Part.	Thickness S mm	Metal profile material	Length metres	Code	
				With Microban®	Without Microban®
273	2	Inox AISI 304	3	651982	66791
			6	-	67602

- Plastic profile material : polyethylene UHMWPE (white)
- Min. curvature radius : 160 mm.
- Weight : 0,76 kg/m.
- Linear expansion coefficient : 4×10^{-5} .
- Calculation of thermal expansion see page S204.
- Packaging : 24 metres (in 3 m length).
- 36 metres (in 6 m length).

- Accessories :



Guide rail clamps see page S104.

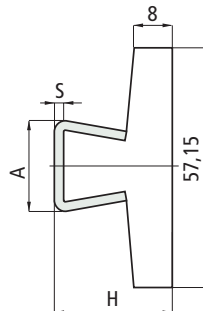


Guide rail bending machine (manual) see page S101.

Part. 273



■ Guide rail (extra-flat)



S mm	H mm	A mm
1,5	20,5	16
2	21	17

Part.	Thickness S mm	Metal profile material	Length metres	Code	Wight kg/m
6	608953				
2	Inox AISI 304	3	608973	1,06	
		6	608983		

- Plastic profile material : polyethylene UHMWPE (white) with Microban® antibacterial protection.
- Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 200 mm.
- Linear expansion coefficient : 4×10^{-5} .
- Calculation of thermal expansion see page S204.
- Packaging : 24 metres

- Accessories :



Guide rail clamps see page S104.



Guide rail bending machine (manual) see page S101.

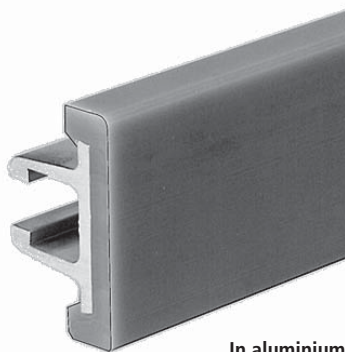
Part. 765



New Product

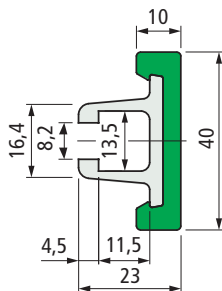


Part. 422



In aluminium

■ Guide rail (extra flat)



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

- 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.
- Plastic profile spare part code : 68309 (6 metres).
- Min. curvature radius : 280 mm.
- Linear expansion coefficient : 2×10^{-4} . Calculation of thermal expansion see page S204.
- Packaging : 48 metres.
- Accessories :



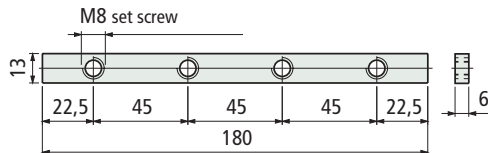
Guide rail bending machine (manual) see page S101.

Accessories

Part. 369



■ Connecting bar



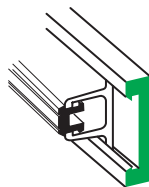
Part.	Code
369	69995

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

Part. 370



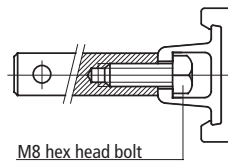
■ Sealing profile



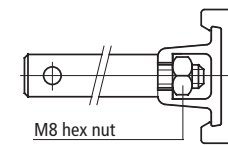
Part.	Code
370	61036*

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

• Fixing of Part. 422

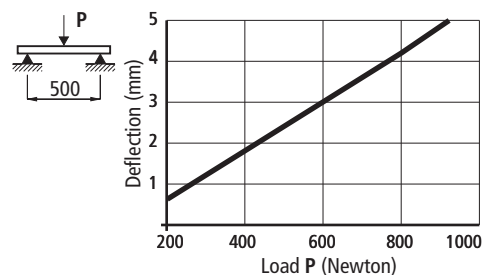


M8 hex head bolt



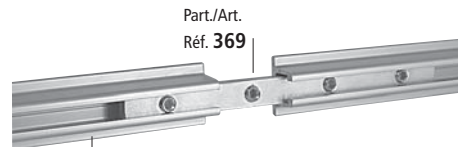
M8 hex nut

• Deflection of Part. 422



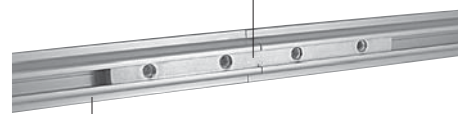
• Assembly of Part. 369

Insert the guides and tighten the set screws.



Part./Art. Réf. 422

Part./Art. Réf. 369



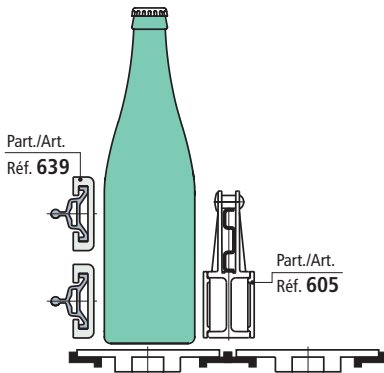
Part./Art. Réf. 422

Part./Art. Réf. 369

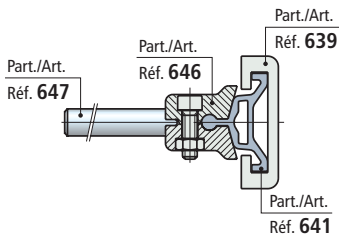
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• Use of Part. 639

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

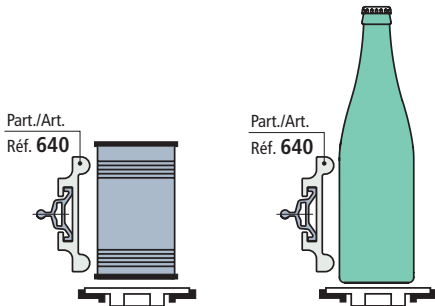


• Assembly of Part. 639

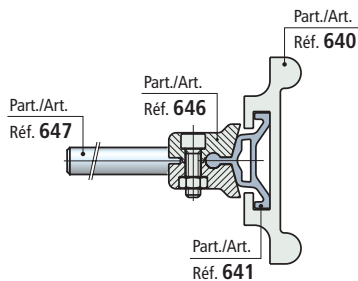


• Use of Part. 640

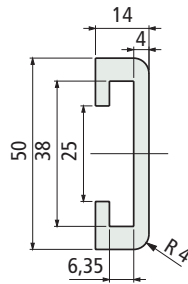
Medium strength containers (ex: latten, glass).



• Assembly of Part. 640



■ Guide rail

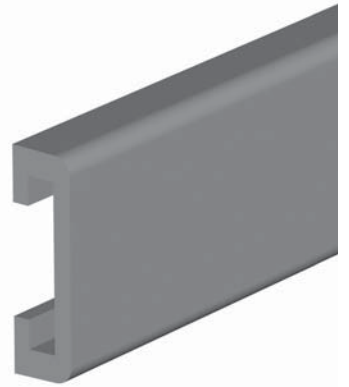


Part.	Colour	Length metres	Code
639	Black	3	652252

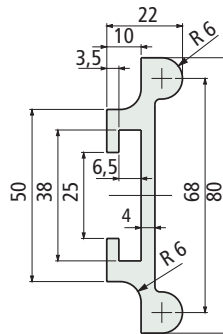
- Material : polyethylene UHMWPE.
- Linear expansion coefficient : 2×10^{-4} .
- Calculation of thermal expansion see page S204.
- Packaging : 36 metres.
- Accessories :



Part. 639



■ Guide rail

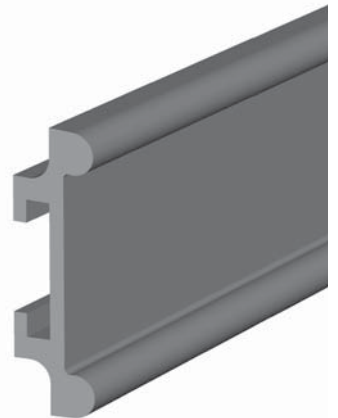


Part.	Colour	Length metres	Code
640	Black	3	652262

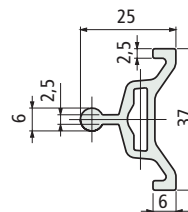
- Material : polyethylene UHMWPE.
- Linear expansion coefficient : 2×10^{-4} .
- Calculation of thermal expansion see page S204.
- Packaging : 36 metres.
- Accessories :



Part. 640



■ Metal profile

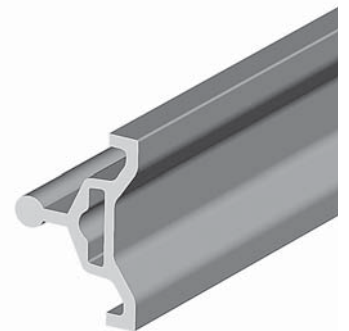


Part.	Length metres	Code
641	3	652272
	6	652282

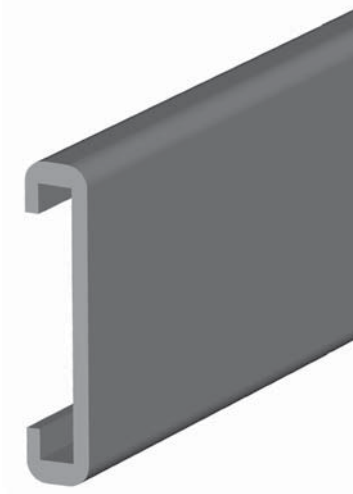
- Material : anodized aluminium.
- Packaging : 36 metres.
- Accessories :



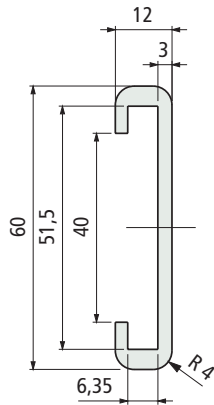
Part. 641



Part. 642



■ Guide rail (extra flat)



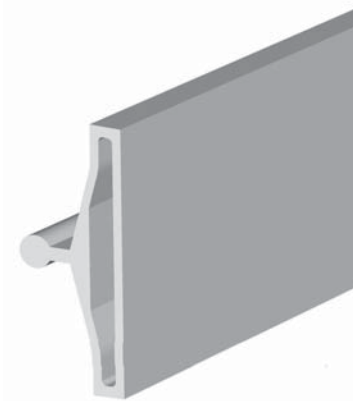
Part.	Colour	Length metres	Code	Weight kg/m
642	Black	3	652292	-

- Material : polyethylene UHMWPE.
- Linear expansion coefficient : 2×10^{-4} .
- Calculation of thermal expansion see page S204.
- Packaging : 36 metres.
- Accessories :

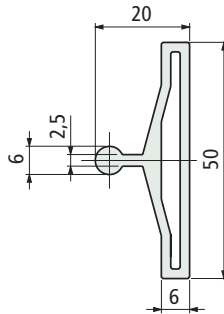


Accessories

Part. 643



■ Metal profile



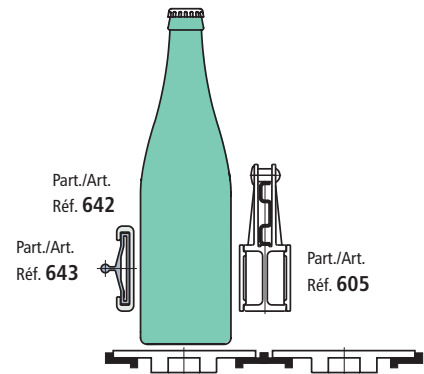
Part.	Length metres	Code	Weight kg/m
643	3	652302	-
	6	652312	

- Can be used in combination with Part. 642.
- Material : anodized aluminium.
- Packaging : 36 metres.
- Accessories :

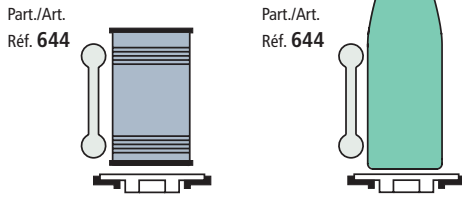


• Use of Part. 642-643

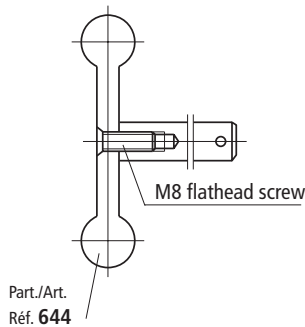
Rugged containers with delicate surface (for example decorated glass bottles). Can be used in combination with Part. 605.



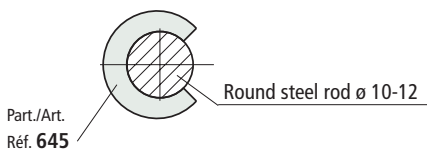
- Use of Part. 644
Medium strength containers
(ex: latten, glass).



- Fixing of Part. 644

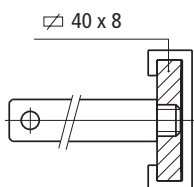


- Use of Part. 645
Protection of round steel rods

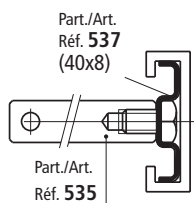


- Fixing of Part. 539
Assembly / disassembly

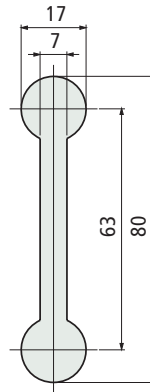
- Fixing with plate.



- Fixing with metal profile Part. 537.



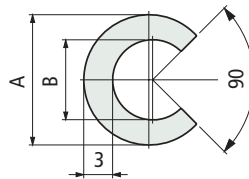
■ Guide rail



Part.	Length metres	Colour	Code	Weight kg/m
644	3	Black	652322	-
		Green	652332	

- Material : polyethylene UHMWPE.
- Linear expansion coefficient : 2×10^{-4} .
- Calculation of thermal expansion see page S204.
- Packaging : 36 metres.

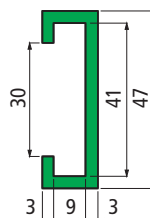
■ Profile for round steel rods



Part.	Use	A mm	B mm	Code	Weight kg/m
645	for rod ø 10	14	9	652342	-
	for rod ø 12	17	11	652352	

- Material : polyethylene UHMWPE (white).
- Linear expansion coefficient : 2×10^{-4} .
- Standard packaging : coil.
- Packaging : 50 metres.

■ 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 S204.
- Packaging : 48 metres (in 3 m length).
- 96 metres (in 6 m length).
- Accessories :



Part. 644



Part. 645



Part. 539

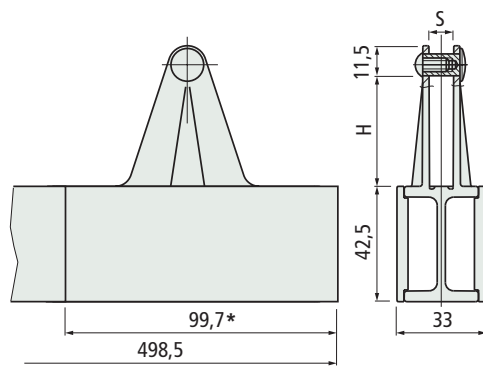


Part. 605



Curvilinea

Centre guide (extra flat)



* = module length
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 - 639 - 642.
- 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. 730
Divider module
see page S87.



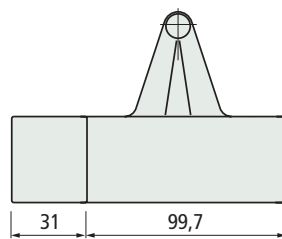
Part. 537 - Metal
profile 40x8
see page S89.

Accessories

Part. 606



Divider module

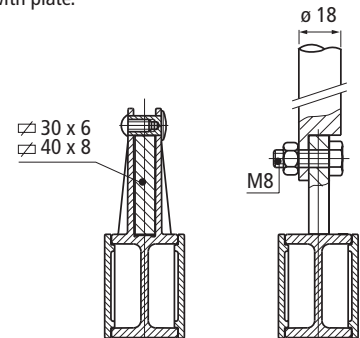


Part.	Version	Code	Weight kg
606	For 30x6 plate	613642	0,13
	For 40x8 plate	613652	

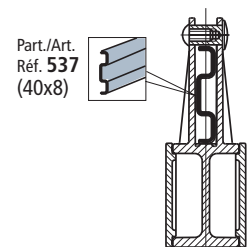
- Material : frame in acetal POM (black). Low friction plates in acetal POM (white). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

Fixing of Part. 605
Assembly / disassembly

- Fixing with plate.

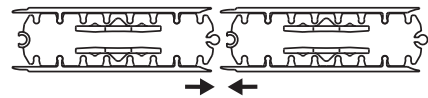


- Fixing with metal
profile Part. 537.



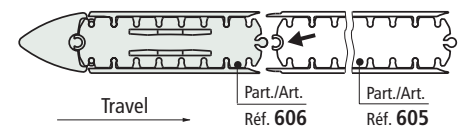
Modular system

The guide consists of modules with snap-on assembly.



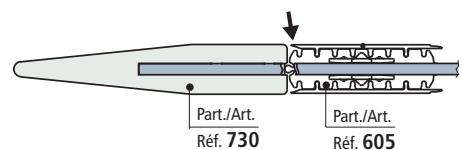
Assembly of Part. 606

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



Assembly of Part. 730 (see page S87).

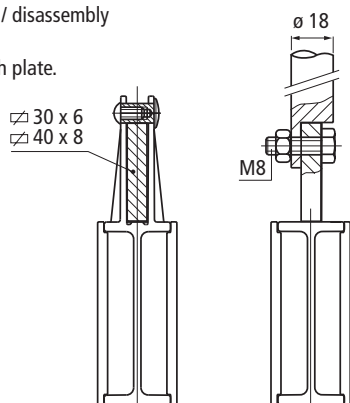
Guide position (Part. 605) to allow assembly with
divider module Part.730.



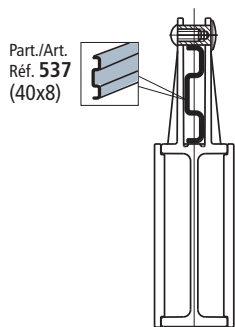
• Fixing of Part. 605

Assembly / disassembly

- Fixing with plate.

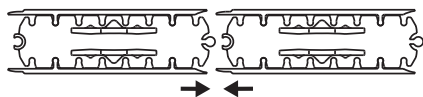


- Fixing with metal profile Part. 537.



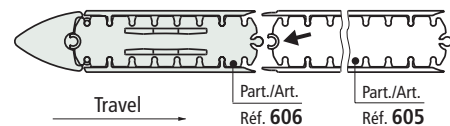
• Modular system

The guide consists of modules with snap-on assembly.



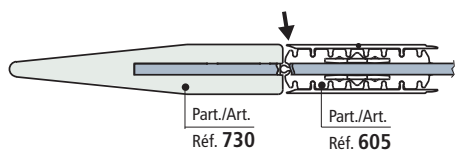
• Assembly of Part. 606

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

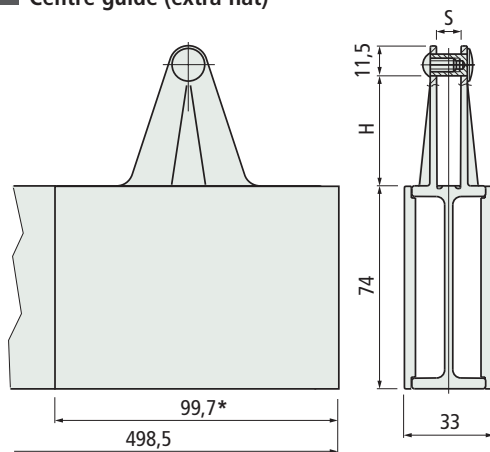


• Assembly of Part. 730 (see page S87).

Guide position (Part. 605) to allow assembly with divider module Part.730.



■ Centre guide (extra flat)



* = module length
PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
605	For 30x6 plate	30	6	613622	1,38
	For 40x8 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 - 639 - 642.
- 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 :

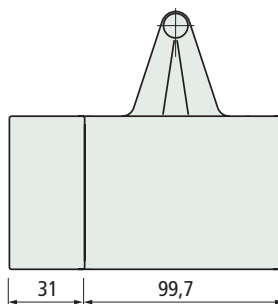


Part. 730
Divider module
see page S87.



Part. 537 - Metal
profile 40x8
see page S89.

■ Divider module



Part.	Version	Code	Weight kg
606	For 30x6 plate	613662	0,19
	For 40x8 plate	613672	

- 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

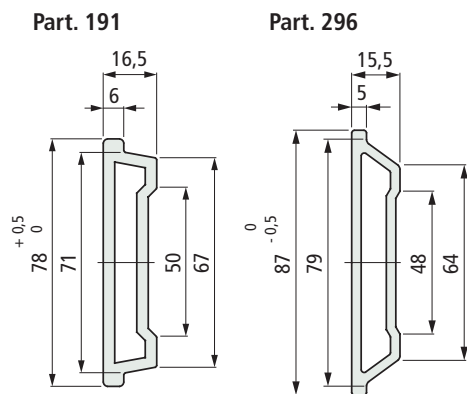
Part. 606



Part. 191-296



■ Guide rail (extra-large)



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 S204.
- Packaging : 30 metres (in 3 m length).
60 metres (in 6 m length).



Guide rail clamps
Part. 191 (see page S120).
Part. 296 (see page S121).



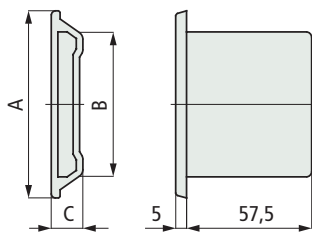
Bending machine
see page S101.

Accessories

Part. 376-377



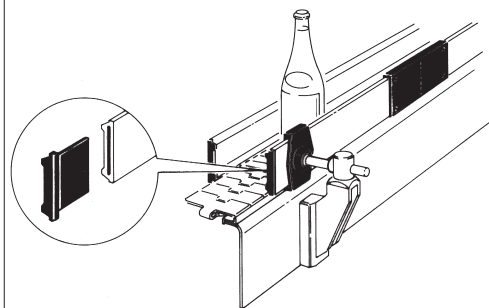
■ End plug



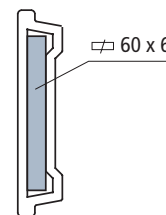
Part.	Use	A mm	B mm	C mm	Code
376	Applicable to Part. 191	77	65,3	15,5	63626
377	Applicable to Part. 296	86	63,8	14,5	63636

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

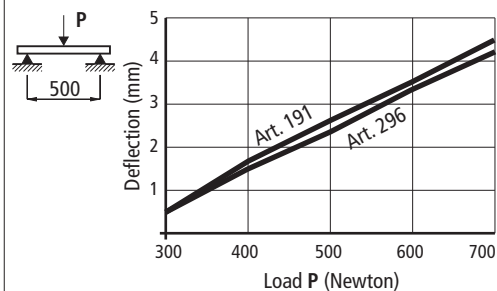
• Use of Part. 191-296



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

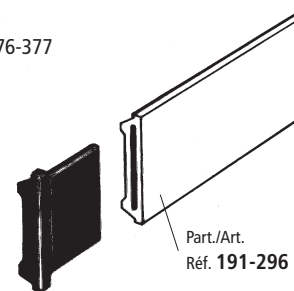


• Deflection of Part. 191 - 296

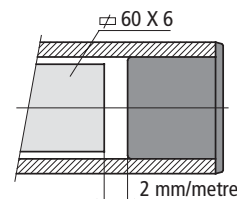


• Assembly of Part. 376-377

- Press-fit.
- Seal with silicon.

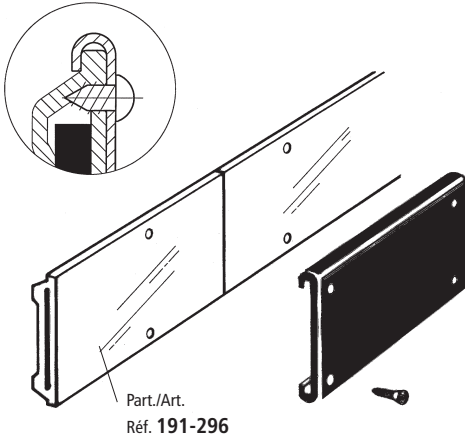


- Leave a gap between the plug and the plate to allow for contraction at low temperatures.

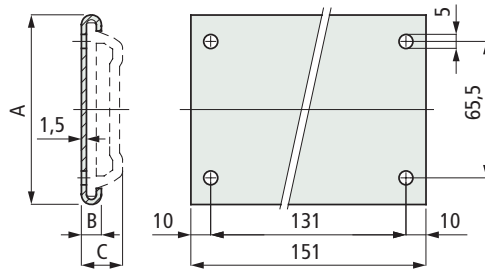


Part. **378-379**

- Assembly of Part. 378-379
Assembly with self-tapping screws 4,8 x 9,5 DIN 7970

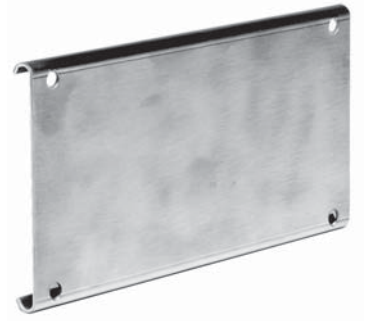


■ Joint clamp



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.
- Standard packaging : 50 pieces complete with fixing screws.

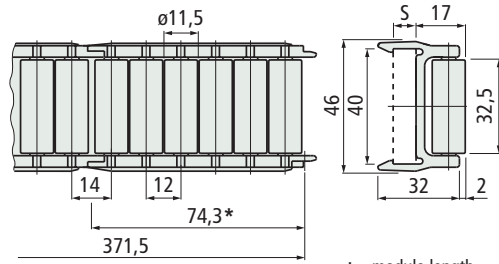


Part. **581-722**



Sideflexing

■ Roller side guide



* = module length

PATENT PENDING

Part.	Version	S mm	Code	Weight kg/m
Rollers in Polyethylene PE (white)				
581	For 40x8 plate	8	603322	0,62
	For 40x10 plate	10	673952*	
Rollers in Polyurethan (blue)				
722	For 40x8 plate	8	688622*	0,62
	For 40x10 plate	10	688662*	

* = New product.

- Characteristic new material **Polyurethan (blue)**: low noise, 85 Shore A hardness.
- Material : frame in acetal POM (black).
- Standard packaging : strands of 0,371 metres (N 5 modules).
- Packaging : 4,5 metres (N 12 strands).
- Accessories :

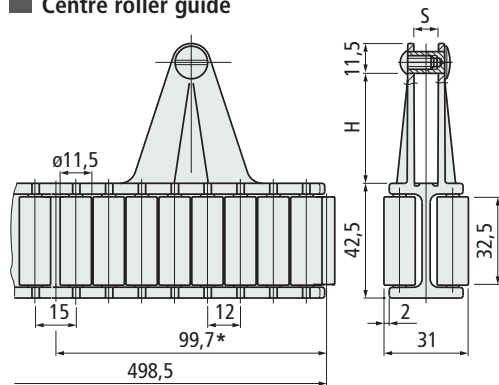


Part. **585-724**



Sideflexing

■ Centre roller guide



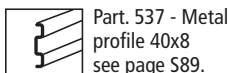
* = module length

PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
Rollers in Polyethylene PE (white)					
585	For 30x6 plate	30	6	603492 N	1,24
	For 40x8 plate	40	8	603502 N	
Rollers in Polyurethan (blue)					
724	For 30x6 plate	30	6	688682*	1,24
	For 40x8 plate	40	8	688692*	

* = New product.

- Can be used in combination with Part. 581-722.
- Characteristic new material **Polyurethan (blue)**: low noise, 85 Shore A hardness.
- Material : frame in acetal POM (black).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N 5 modules).
- Packaging : 4,5 metres (N 9 strands).
- Accessories :



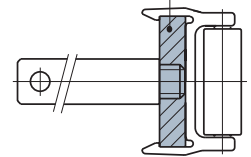
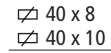
• Use of Part. 581-722-585-724

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

• Fixing of Part. 581-722

Snap-on assembly / disassembly

- Fixing with plate.

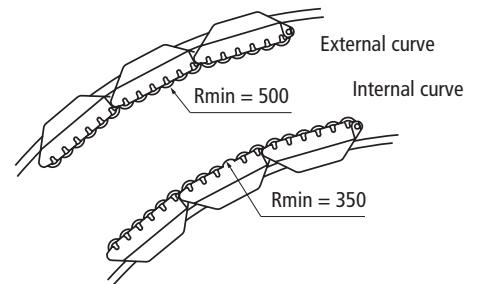


- Fixing with metal profile Part. 537.

Part./Art. Réf. 537 (40x8)

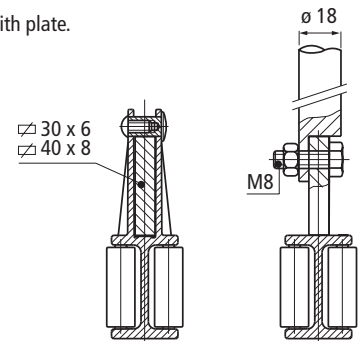
Part./Art. Réf. 535

• Min. curvature radius Part. 581-722

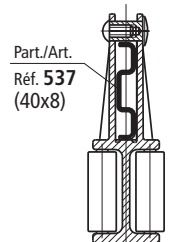


• Fixing of Part. 585-724 Assembly / disassembly

- Fixing with plate.

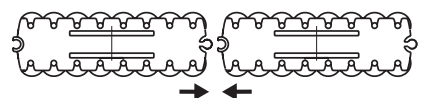


- Fixing with metal profile Part. 537.

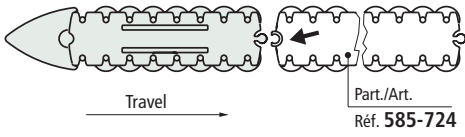


• Modular system Part. 581-722-585-724

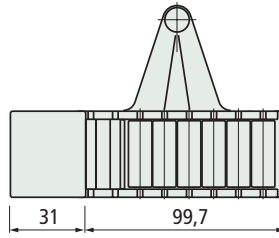
The guide consists of modules with snap-on assembly.



- **Assembly of Part. 586-761**
Guide position (Part. 585-724) to allow assembly with divider module.



■ Divider module



Part.	Version	Code	Weight kg
Rollers in Polyethylene PE (white)			
586	For 30x6 plate	603552 N	0,15
	For 40x8 plate	603562 N	
Rollers in Polyurethan (blue)			
761	For 30x6 plate	608033N*	0,15
	For 40x8 plate	608043N*	

* = *New product.*

- Characteristic new material **Polyurethan (blue)**:
low noise, 85 Shore A hardness.
- Material : frame in acetal POM (black). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

Part. 586-761

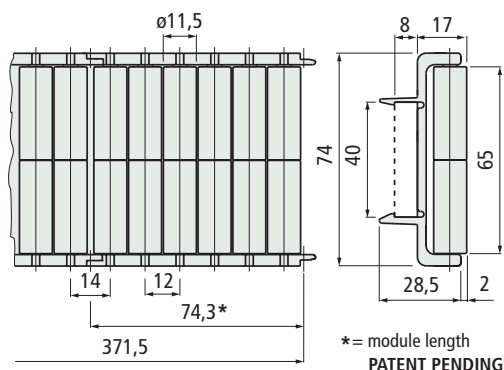


Part. 581-722



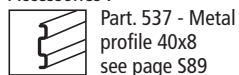
Sideflexing

Roller side guide



Part.	Version	Code	Weight kg/m
Rollers in Polyethylene PE (white)			
581	For 40x8 plate	603312	1,01
Rollers in Polyurethan (blue)			
722	For 40x8 plate	688672*	1,01

- * = New product.
- Characteristic new material **Polyurethan (blue)**: low noise, 85 Shore A hardness.
- Material : frame in acetal POM (black).
- Standard packaging : strands of 0,371 metres (N 5 modules).
- Packaging : 4,5 metres (N 12 strands).
- Accessories :



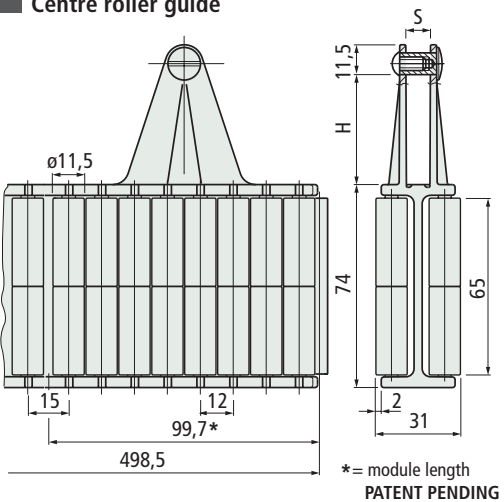
Part. 537 - Metal profile 40x8 see page S89

Part. 585-724



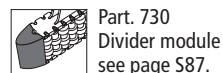
Sideflexing

Centre roller guide

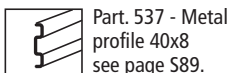


Part.	Version	H mm	S mm	Code	Weight kg/m
Rollers in Polyethylene PE (white)					
585	For 30x6 plate	30	6	603512	2,0
	For 40x8 plate	40	8	603522	
Rollers in Polyurethan (blue)					
724	For 30x6 plate	30	6	688702*	2,0
	For 40x8 plate	40	8	688712*	

- * = New product.
- Can be used in combination with Part. 581-722.
- Characteristic new material **Polyurethan (blue)**: low noise, 85 Shore A hardness.
- Material : frame in acetal POM (black).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N 5 modules).
- Packaging : 4,5 metres (N 9 strands).
- Accessories :



Part. 730 Divider module see page S87.

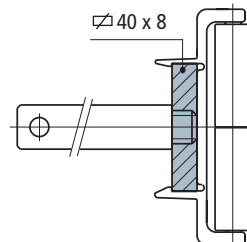


Part. 537 - Metal profile 40x8 see page S89.

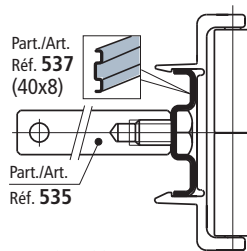
- Use of Part. 581-722-585-724 For thin walled and delicate containers (like aluminium cans, PET bottles, decorated card-board).

- Fixing of Part. 581-722 Snap-on assembly / disassembly

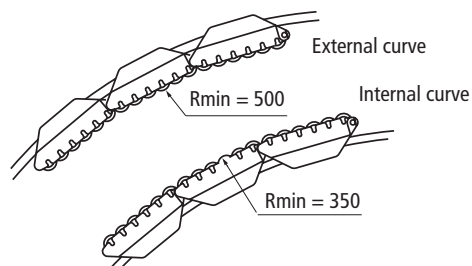
- Fixing with plate.



- Fixing with metal profile Part. 537.

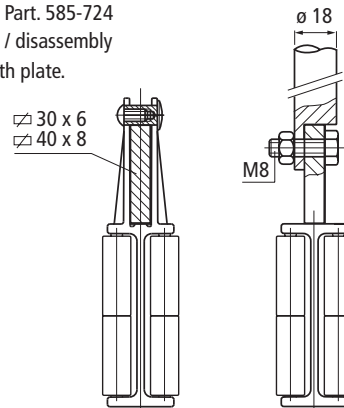


- Min. curvature radius Part. 581-722

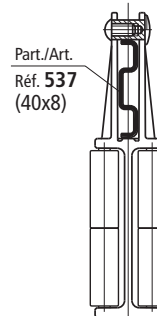


- Fixing of Part. 585-724 Assembly / disassembly

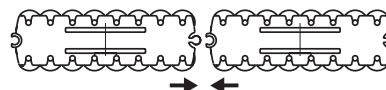
- Fixing with plate.



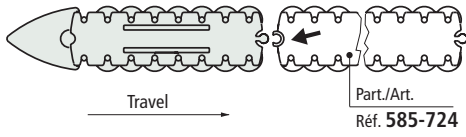
- Fixing with metal profile Part. 537.



- Modular system Part. 581-722-585-724 The guide consists of modules with snap-on assembly.

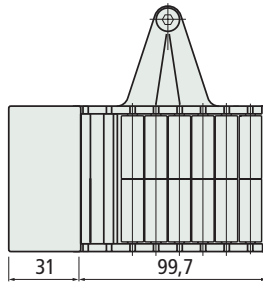


- **Assembly of Part. 586-761**
Guide position (Part. 585-724) to allow assembly with divider module.



Part./Art.
Réf. 585-724

■ Divider module



Part.	Version	Code	Weight kg
Rollers in Polyethylene PE (white)			
586	For 30x6 plate	603572	0,24
	For 40x8 plate	603582	
Rollers in Polyurethan (blue)			
761	For 30x6 plate	608053*	0,24
	For 40x8 plate	608063*	

* = *New product.*

- Characteristic new material **Polyurethan (blue)**:
low noise, 85 Shore A hardness.
- Material : frame in acetal POM (black). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

Part. 586-761

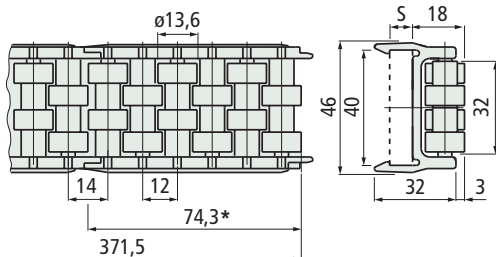


Part. 580



Sideflexing

Roller side guide

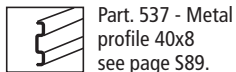


* = module length

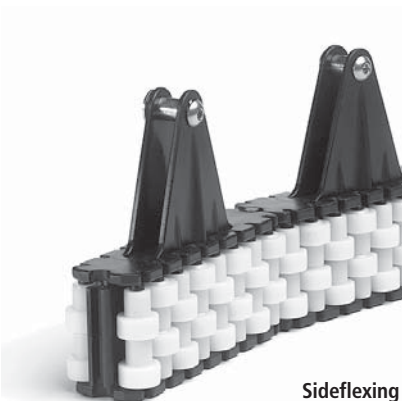
PATENT PENDING

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 :

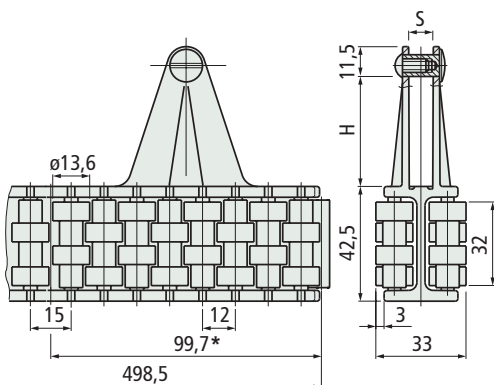


Part. 557



Sideflexing

Centre roller guide

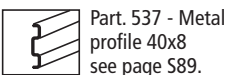
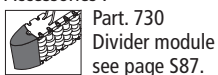


* = module length

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	

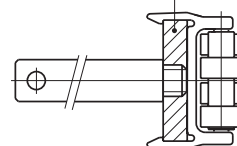
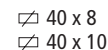
- Can be used in combination with Part. 580.
- Material : frame in acetal POM (black). Rollers in polyamide PA (white).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N 5 modules).
- Packaging : 4,5 metres (N 9 strands).
- Accessories :



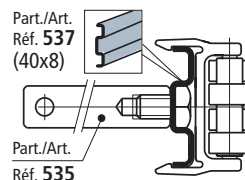
Fixing of Part. 580

Snap-on assembly / disassembly

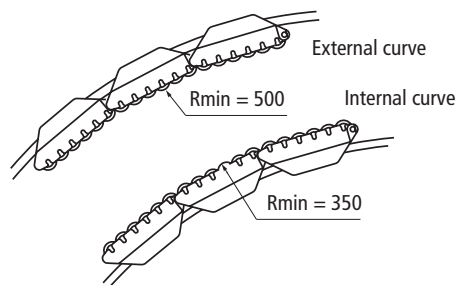
- Fixing with plate.



- Fixing with metal profile Part. 537.



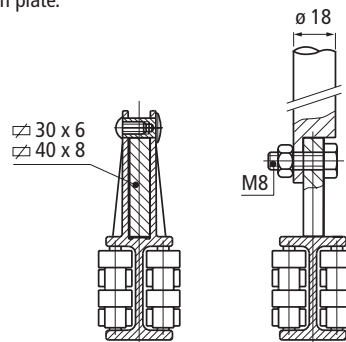
Min. curvature radius Part. 580



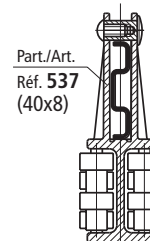
Fixing of Part. 557

Assembly / disassembly

- Fixing with plate.

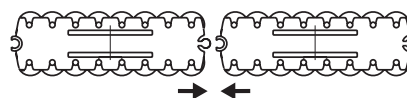


- Fixing with metal profile Part. 537.

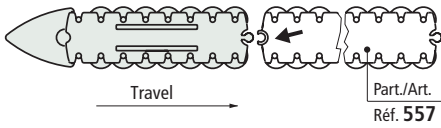


Modular system Part. 580-557

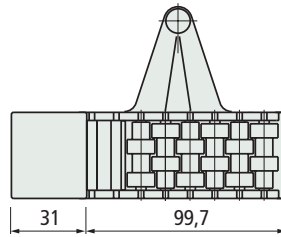
The guide consists of modules with snap-on assembly.



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



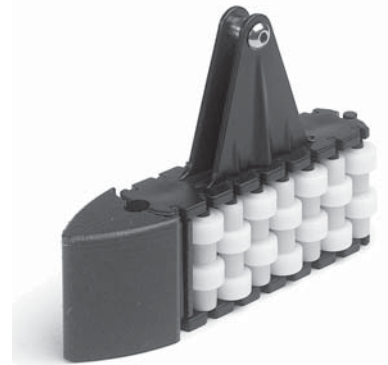
■ Divider module



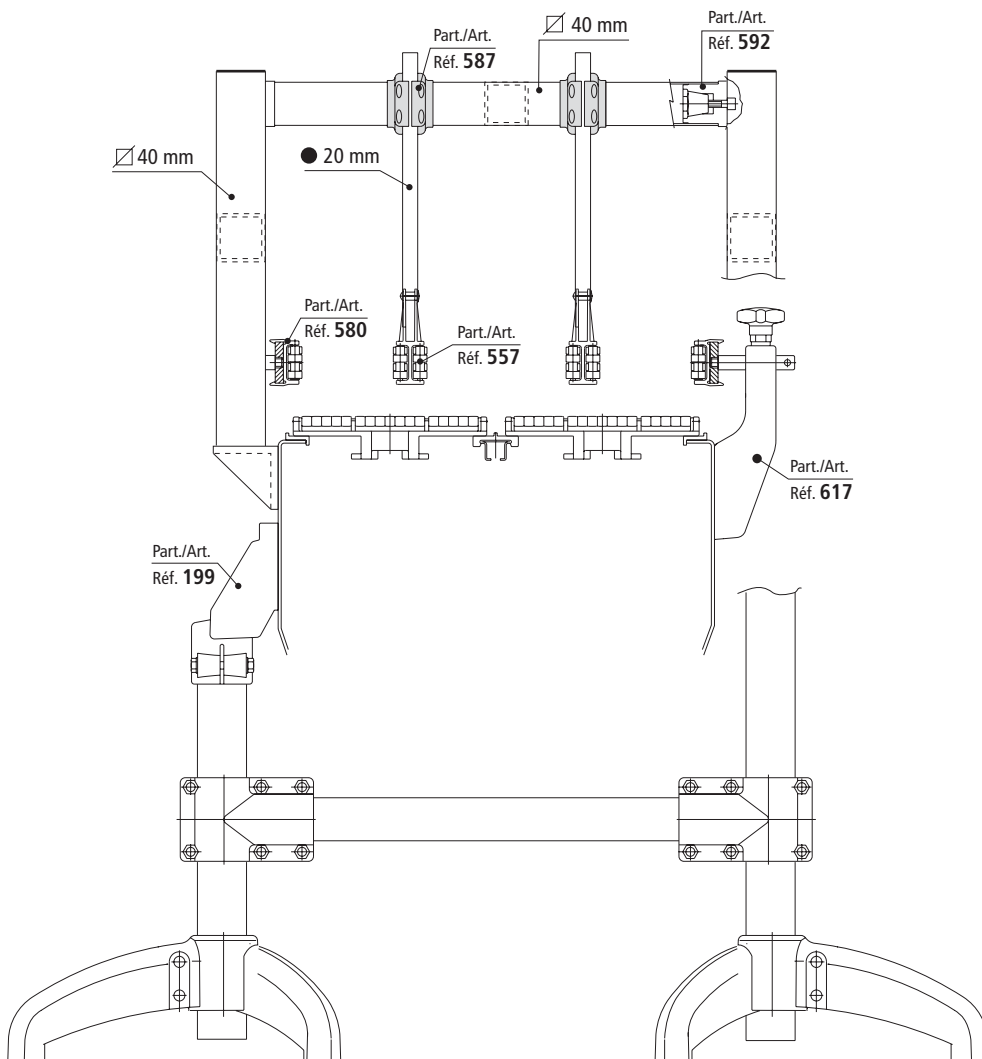
Part.	Version	Code	Weight kg
570	For 30x6 plate	601142 N	0,15
	For 40x8 plate	601162 N	

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

Part. 570



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

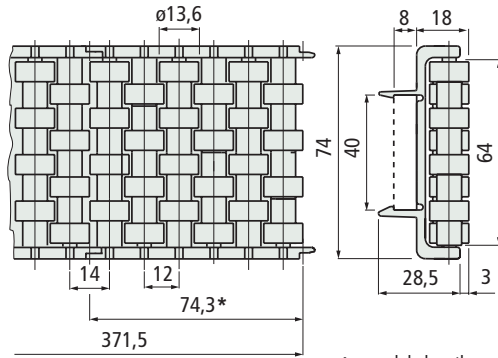


Part. 580



Sideflexing

Roller side guide



* = module length

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 :



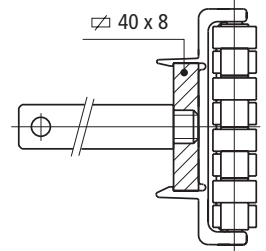
Part. 537 - Metal profile 40x8 see page S89.

Use of Part. 580-557

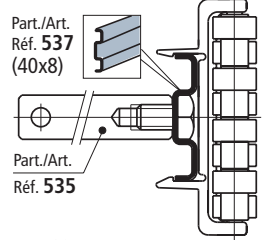
For medium strength containers (tin cans, glass, strong aluminium cans).

Fixing of Part. 580

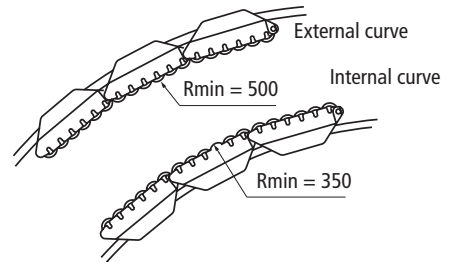
- Fixing with plate.



- Fixing with metal profile Part. 537.



Min. curvature radius Part. 580

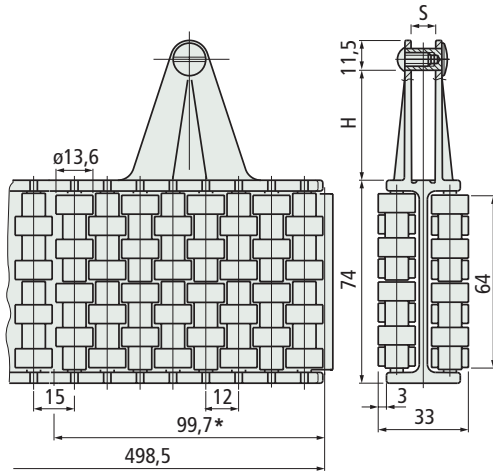


Part. 557



Sideflexing

Centre roller guide



* = module length

PATENT PENDING

Part.	Version	H mm	S mm	Code	Weight kg/m
557	For 30x6 plate	30	6	603472	1,96
	For 40x8 plate	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. 730 - Divider module see page S87.

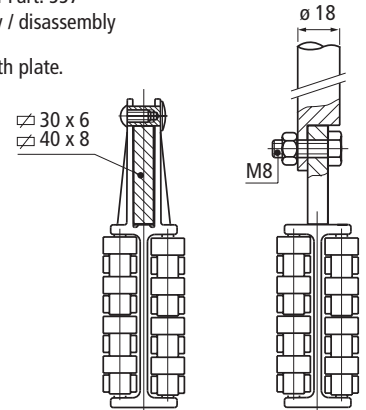


Part. 537 - Metal profile 40x8 see page S89.

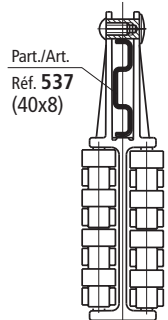
Fixing of Part. 557

Assembly / disassembly

- Fixing with plate.

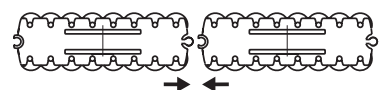


- Fixing with metal profile Part. 537.

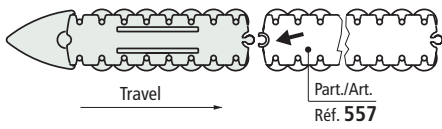


Modular system Part. 580-557

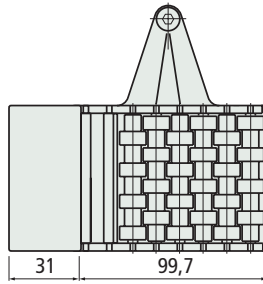
The guide consists of modules with snap-on assembly.



- 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	603532	0,24
	For 40x8 plate	603542	

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

Part. 570

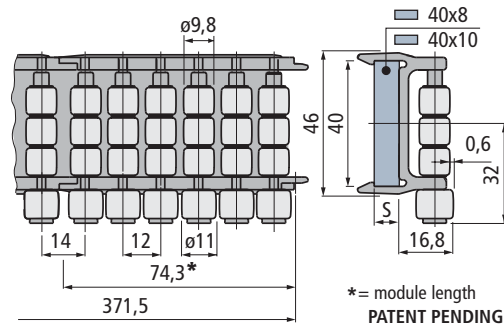


Part. 733



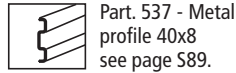
New Product

Roller side guide



Part.	Version	S mm	Code	Weight kg/m
723	For 40x8 plate	8	693512	0,61
	For 40x10 plate	10	693522	

- Material : frame in acetal POM (black). Rollers in Rex-Hp™ (grey).
- Standard packaging : strands of 0,371 metres (N 5 modules).
- Packaging : 4,5 metres (N 12 strands).
- Accessories :

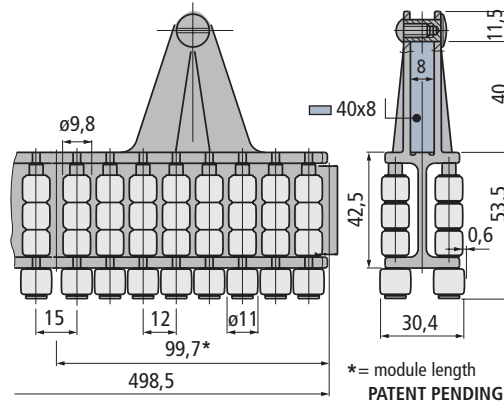


Part. 721



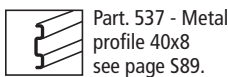
New Product

Centre roller guide



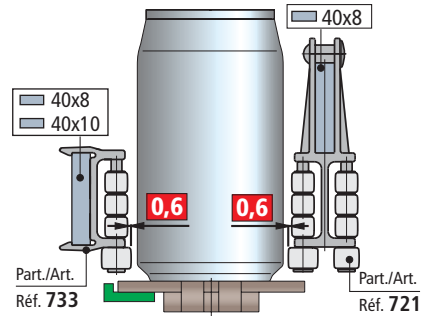
Part.	Version	Code	Weight kg/m
721	For 40x8 plate	688602	1,24

- Material : frame in acetal POM (black). Rollers in Rex-Hp™ (grey).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N 5 modules).
- Packaging : 4,5 metres (N 9 strands).
- Accessories :



Use of Part. 733-721

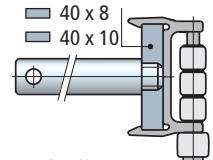
Ideal for thin walled cans and delicate containers. The contact between can and rollers takes place near the can bottom where it is stronger.



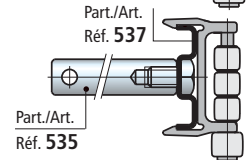
Fixing of Part. 733

Snap-on assembly / disassembly

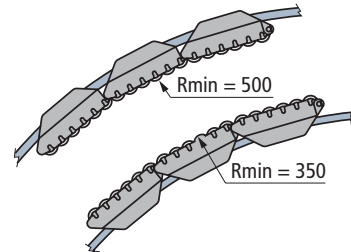
- Fixing with plate.



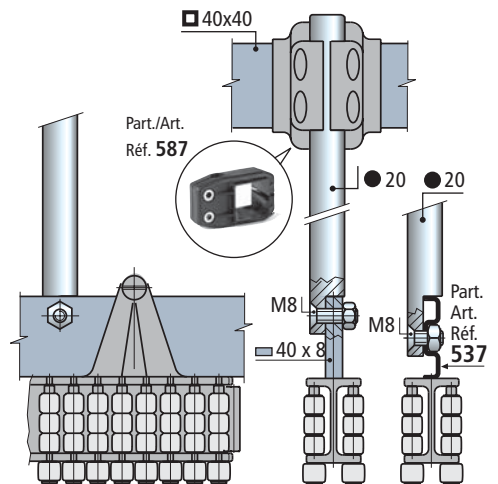
- Fixing with metal profile Part. 537.



Min. curvature radius Part. 733

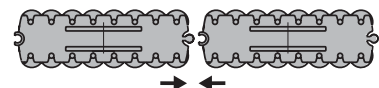


Fixing of Part. 721



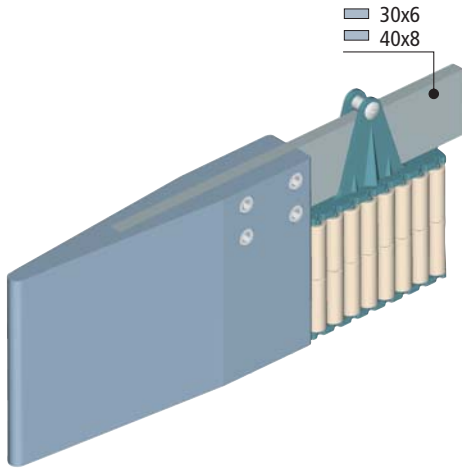
Modular system Part. 733-721

The guide consists of modules with snap-on assembly.



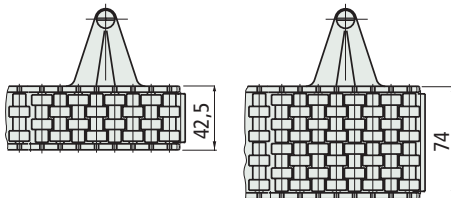
Use of Part. 730

Applicable to centre guides Part. 557-585-724-605-721.

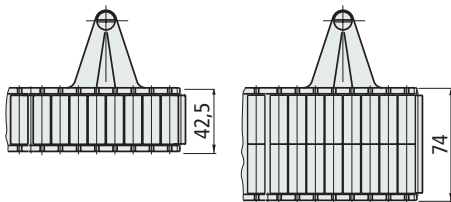


• Types of guides that can be used

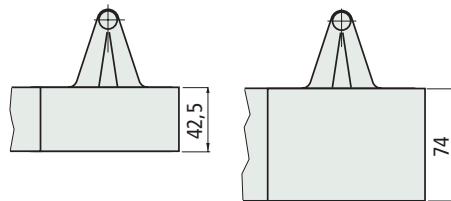
Part. 557



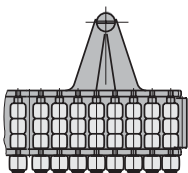
Part. 585-724



Part. 605



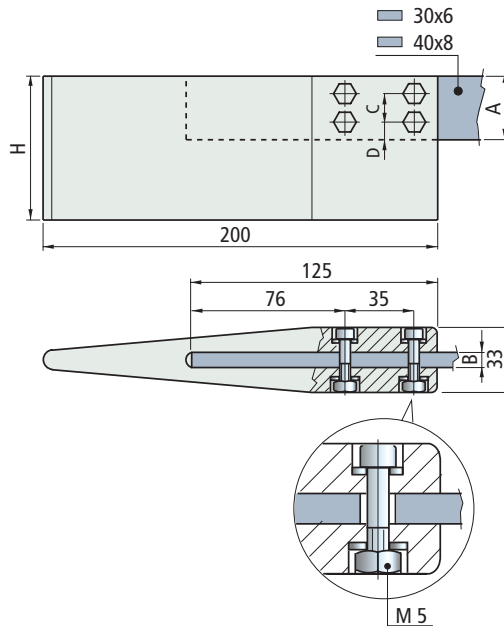
Part. 721



Guide position (Part. 605) to allow assembly with separation block.



■ Divider module



Part. 730



New Product

Part.	Plate dimensions AxB mm	Code	H mm	C mm	D mm	Weight Kg
For Part. 557-585-724-605-721 (with height 42,5 mm)						
730	30x6	689882	72,5	15	7,5	0,4
	40x8	689902	82,5	20	10,5	0,5
For Part. 557-585-724-605 (with height 74 mm)						
730	30x6	689892	104	15	7,5	0,6
	40x8	689912	114	20	10,5	0,7

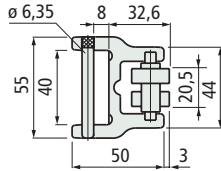
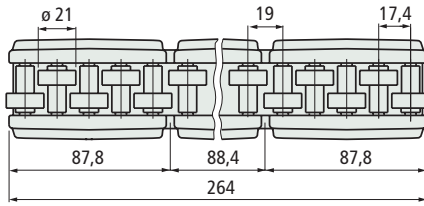
- Material : separation block in Polyethylene PE (black).
- Stainless steel AISI 304 tightening screw and self-locking nut.
- Packaging : 2 pieces.

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 :

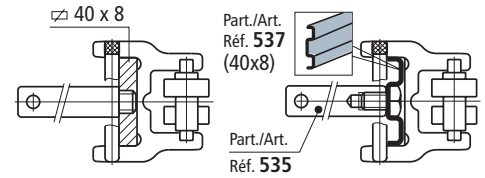
 Part. 537 - Metal profile 40x8 see page S89.

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

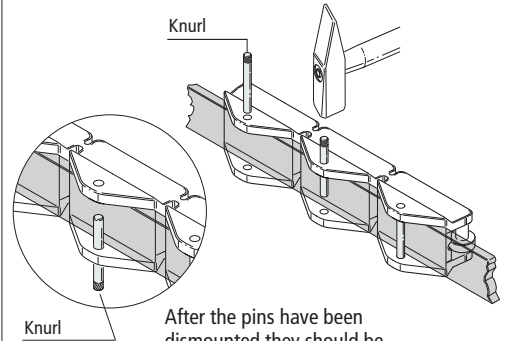
- Fixing of Part. 628 S
Assembly / disassembly

- Fixing with plate.

- Fixing with metal profile Part. 537.



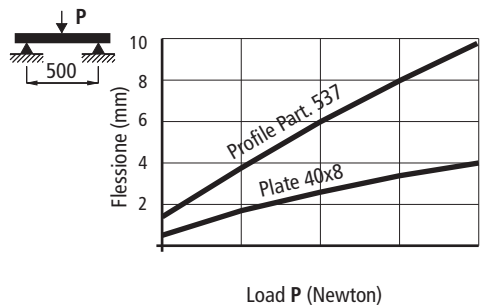
- Assembly of Part. 628 S



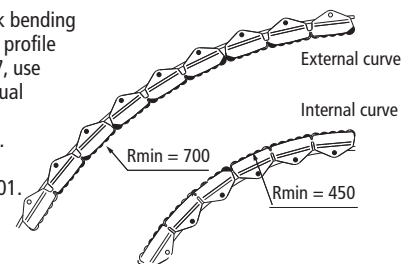
Knurl

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



For quick bending of metal profile Part. 537, use the manual bending machine. See page S101.

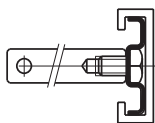


* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• Types of guides

using our 40x8 metal profile.

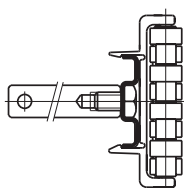
Part. 539



Part. 605



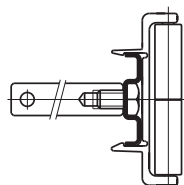
Part. 580



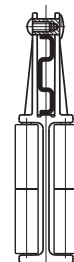
Part. 557



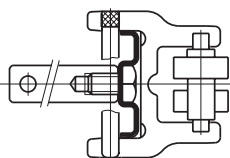
Part. 581-722



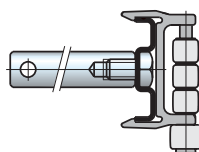
Part. 585-724 - 597



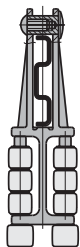
Part. 628 S



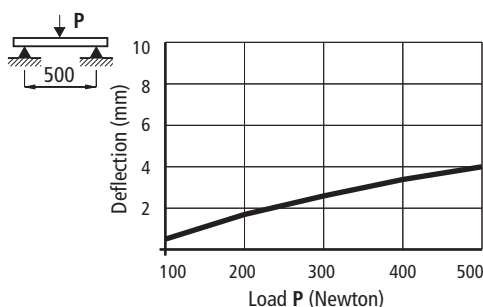
Part. 733



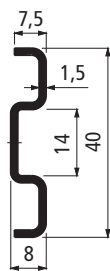
Part. 721



• Deflection of Part. 537



■ Metal profile 40x8



Part. 537

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

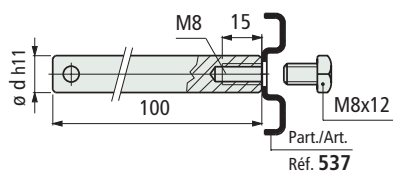
- Min. curvature radius : 500 mm.
- Weight : 0,72 Kg/m.
- Packaging : 51,3 metres (in 3209 mm length),
51,4 metres (in 6425 mm length).

- Accessories :



Guide rail bending machine (manual) see page S101.

■ Bolts set



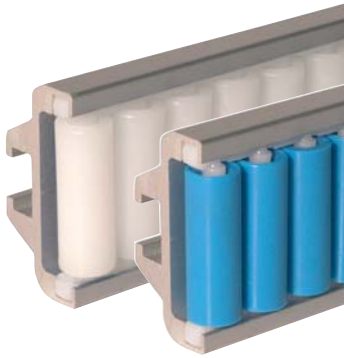
Part. 535

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.

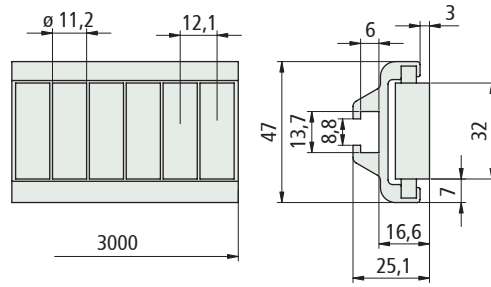
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 757



New Product

Roller side guides

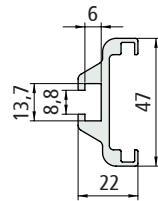


Part.	Rollers material	Code	Weight kg/m
757	Polyurethan (blue) 85 Shore A	607763	1,25
	Polyethylene PE (white)	607773	1,20

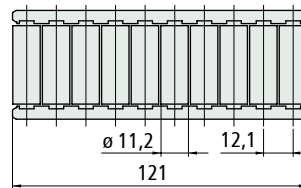
- Material metal profile : anodized aluminium
- Min. curvature radius : 250 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Roller module

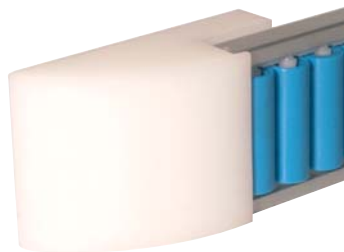


Length mm	Code
3000	607933
6000	607943

Roller material	Code
Polyurethan (blue)	689982
Polyethylene PE (white)	689972

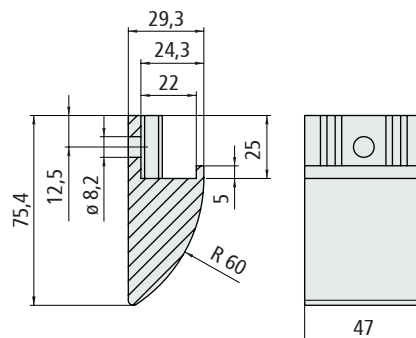
- Material : aluminium anodized.
- Weight : 0,85 Kg/m.
- Packaging : n1 strand.

Part. 760



New Product

Separation block



Part.	Code	Weight kg
760	608103	0,058

- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

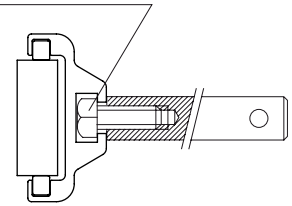
Characteristics Part. 757

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.
- Low friction rollers.
- Suitable for delicate containers and packages.
- Low noise PU rollers for thin wall - delicate containers.

Assembly Part. 757

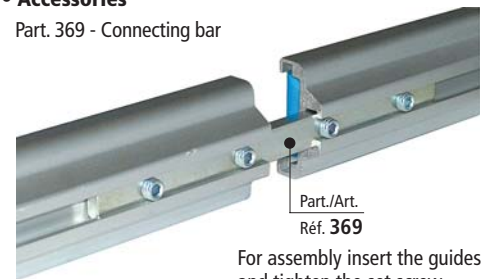
- For the correct moduls assembly see page S210 - S211.

M8 hex head bolt



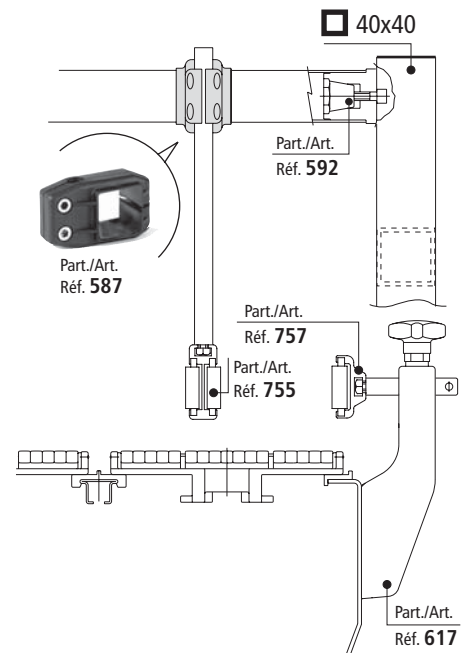
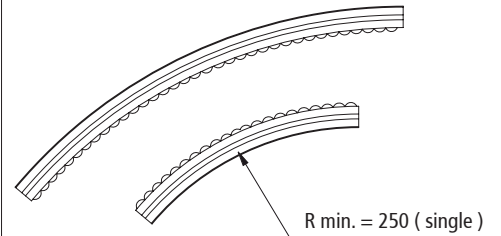
Accessories

Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

Min. curvature radius Part. 757

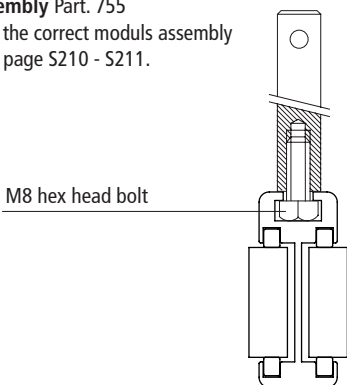


• Characteristics Part. 755

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.
- Low friction rollers.
- Suitable for delicate containers and packages.
- Low noise PU rollers for thin wall - delicate containers.

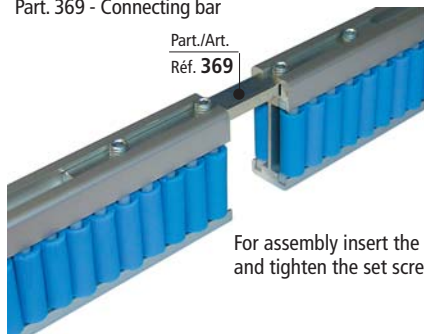
• Assembly Part. 755

- For the correct moduls assembly see page S210 - S211.



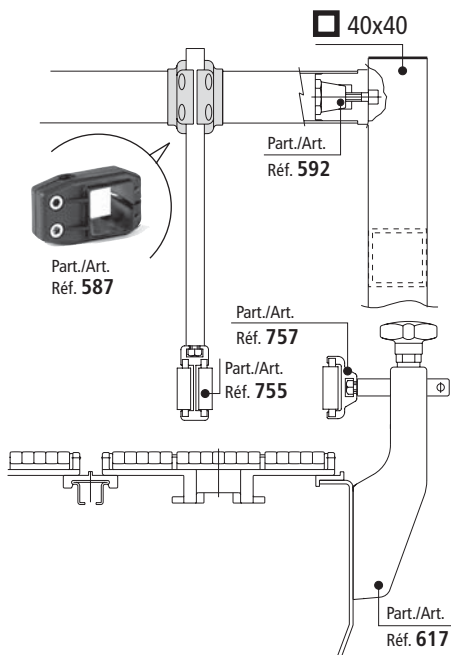
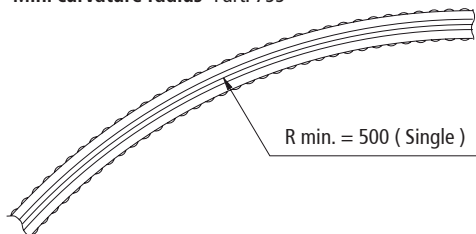
• Accessories

Part. 369 - Connecting bar

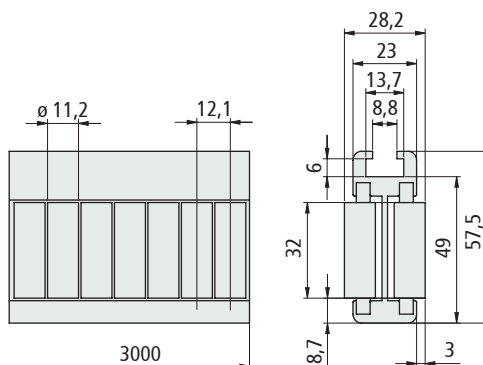


For assembly insert the guides and tighten the set screw.

• Min. curvature radius Part. 755



■ Roller centre guides

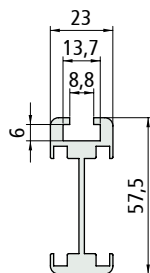


Part.	Rollers material	Code	Weight kg/m
755	Polyurethan (blue) 85 Shore A	607683	1,85
	Polyethylene PE (white)	607693	1,75

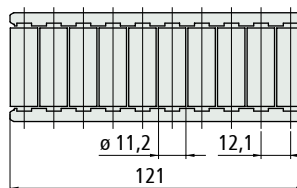
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Roller module

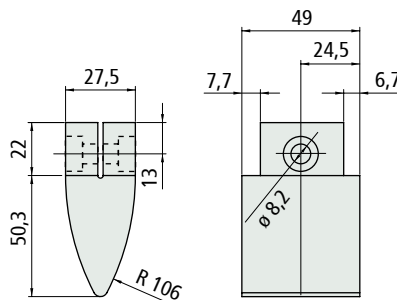


Length mm	Code
3000	607893
6000	607903

Roller material	Code
Polyurethan (blue)	689982
Polyethylene PE (white)	689972

- Material : aluminium anodized.
- Weight : 1,08 Kg/m.
- Packaging : n1 strand.

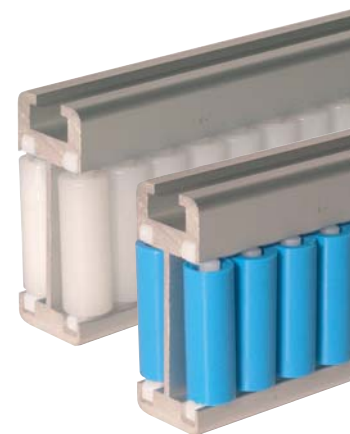
■ Separation block



Part.	Code	Weight kg
759	608083	0,063

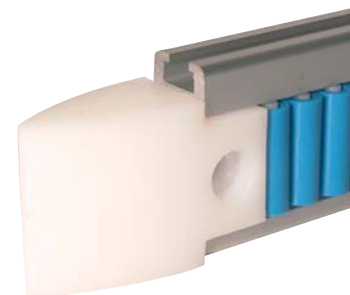
- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

Part. 755



New Product

Part. 759



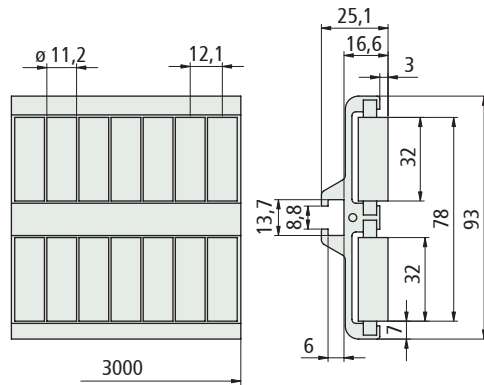
New Product

Part. 757



New Product

■ Roller side guides

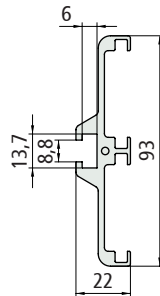


Part.	Rollers material	Code	Weight kg/m
757	Polyurethan (blue) 85 Shore A	607783	2,15
	Polyethylene PE (white)	607793	2,00

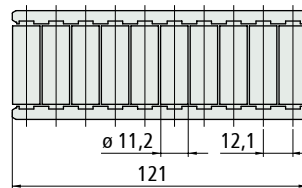
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Roller module



Length mm	Code	Roller material	Code
3000	607953	Polyurethan (blue)	689982
6000	607963	Polyethylene PE (white)	689972

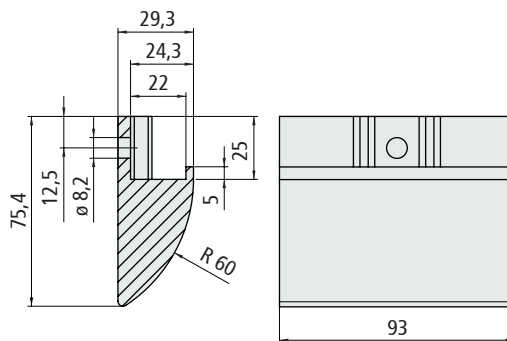
- Material : aluminium anodized.
- Weight : 0,85 Kg/m.
- Packaging : n1 strand.

Part. 760



New Product

■ Separation block



Part.	Code	Weight kg
760	608113	0,120

- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

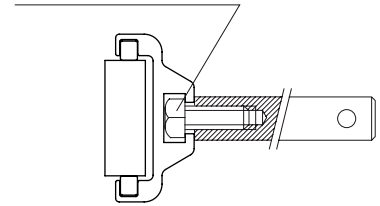
• Characteristics Part. 757

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.
- Low friction rollers.
- Suitable for delicate containers and packages.
- Low noise PU rollers for thin wall - delicate containers.

• Assembly Part. 757

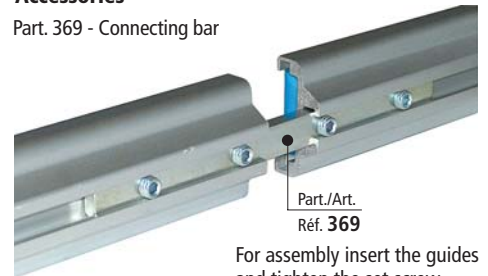
- For the correct moduls assembly see page S210 - S211.

M8 hex head bolt



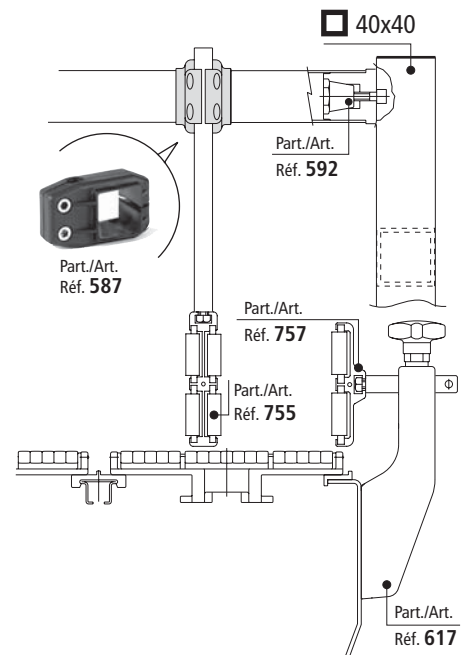
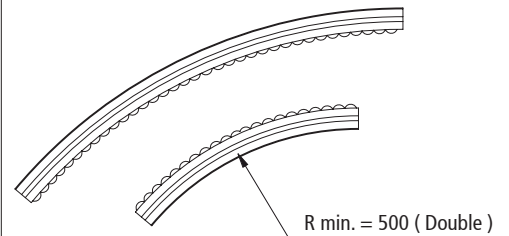
• Accessories

Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

• Min. curvature radius Part. 757

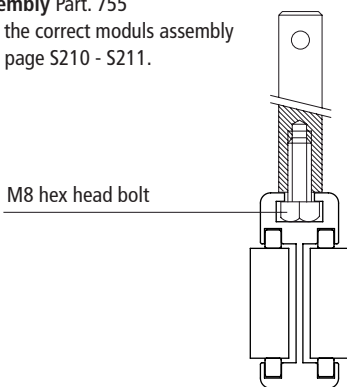


• **Characteristics Part. 755**

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.
- Low friction rollers.
- Suitable for delicate containers and packages.
- Low noise PU rollers for thin wall - delicate containers.

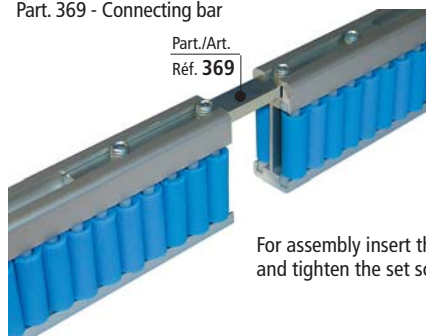
• **Assembly Part. 755**

- For the correct moduls assembly see page S210 - S211.

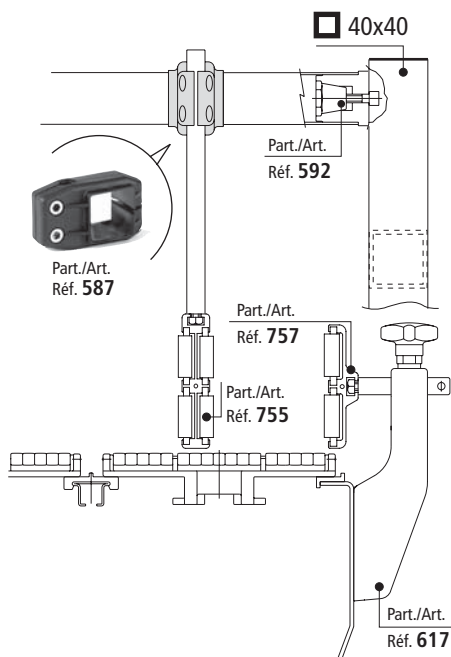
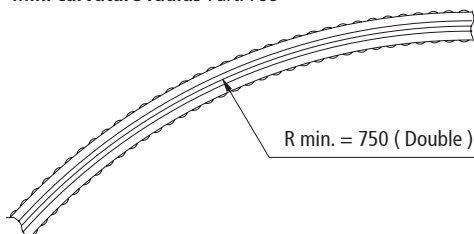


• **Accessories**

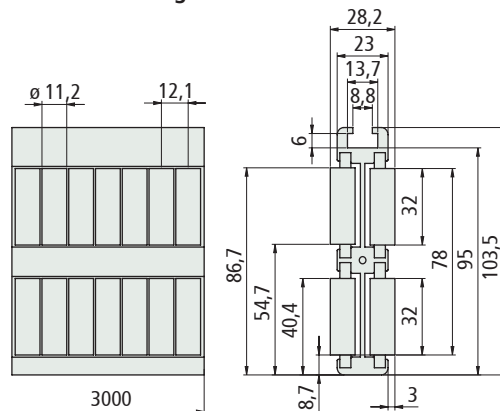
Part. 369 - Connecting bar



• **Min. curvature radius Part. 755**



■ **Roller centre guides**

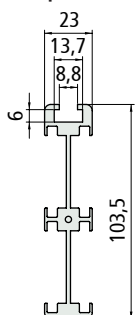


Part.	Rollers material	Code	Weight kg/m
755	Polyurethan (blue) 85 Shore A	607703	3,22
	Polyethylene PE (white)	607713	3,00

- Material metal profile : anodized aluminium
- Min. curvature radius : 750 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

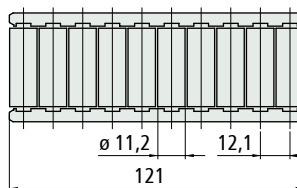
The roller side guides can be supplied with separated components.

Metal profile



Length mm	Code
3000	607913
6000	607923

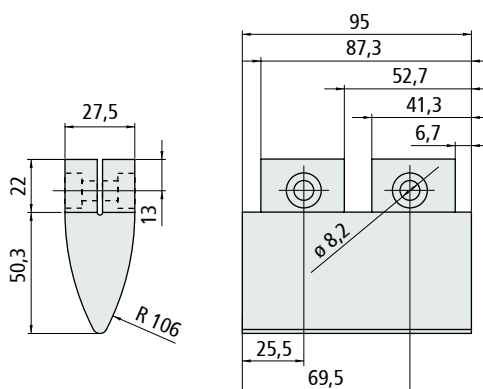
Roller module



Roller material	Code
Polyurethan (blue)	689982
Polyethylene PE (white)	689972

- Material : aluminium anodized.
- Weight : 1,08 Kg/m.
- Packaging : n1 strand.

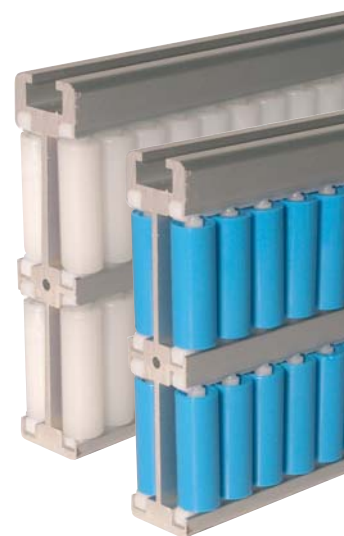
■ **Separation block**



Part.	Code	Weight kg
759	608093	0,124

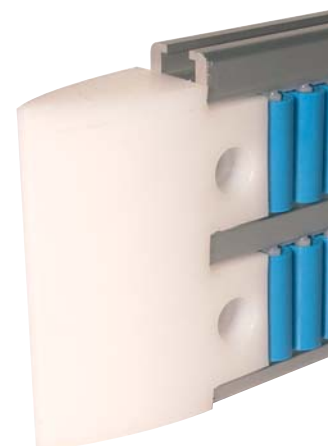
- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

Part. 755



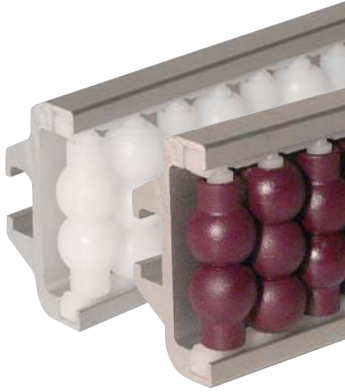
New Product

Part. 759



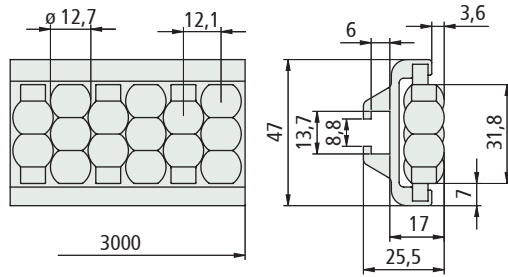
New Product

Part. 756



New Product

■ Pearl™ roller side guide

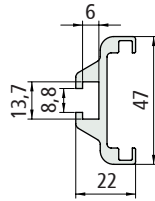


Part.	Rollers materiale	Code	Weight kg/m
756	UNL™ (Aubergine)	607723	1,20
	PE (Polyethylene white)	607733	1,15

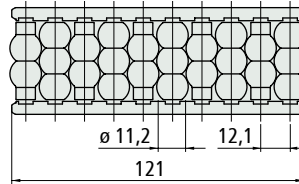
- Material metal profile : anodized aluminium
- Min. curvature radius : 250 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Pearls™ module

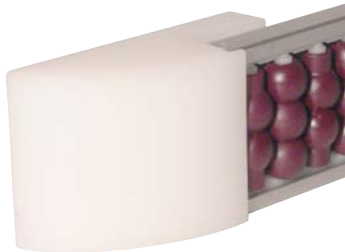


Length mm	Code
3000	607933
6000	607943

Rollers material	Code
UNL™ (Aubergine)	607853
PE (Polyethylene white)	607863

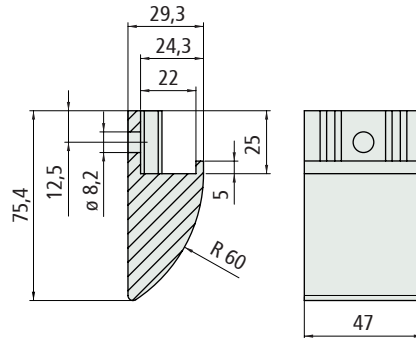
- Material : aluminium anodized.
- Weight : 0,85 Kg/m.
- Packaging : n1 strand.

Part. 760



New Product

■ Separation block



Part.	Code	Weight kg
760	608103	0,058

- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

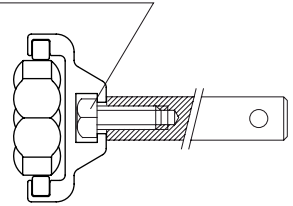
• Characteristics Part. 756

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- UNL™ low noise material.
- Can be used straight running and sideflexing.
- Low friction rollers.
- Suitable for delicate containers and packages.

• Assembly Part. 756

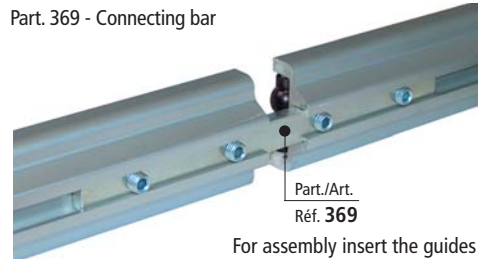
- For the correct modules assembly see page S210 - S211.

M8 hex head bolt



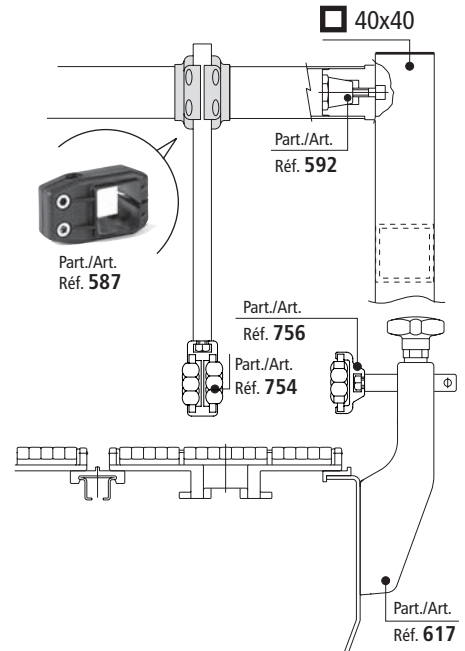
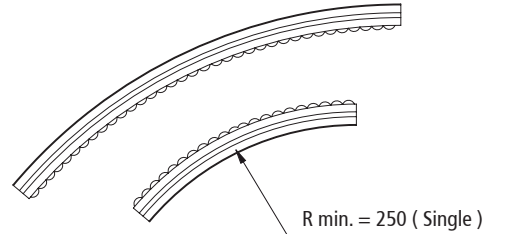
• Accessories

Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

• Min. curvature radius Part. 756

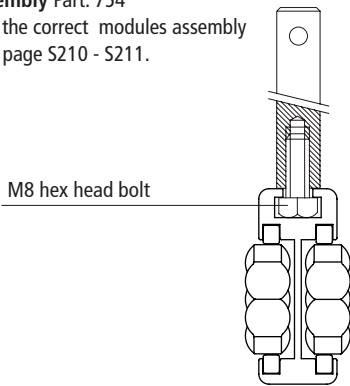


• Characteristics Part. 757

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- UNL™ low noise material.
- Can be used straight running and sideflexing.
- Low friction rollers.
- Suitable for delicate containers and packages.

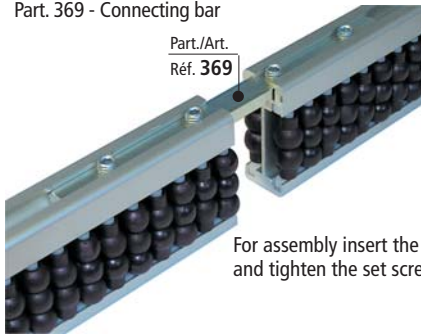
• Assembly Part. 754

- For the correct modules assembly see page S210 - S211.

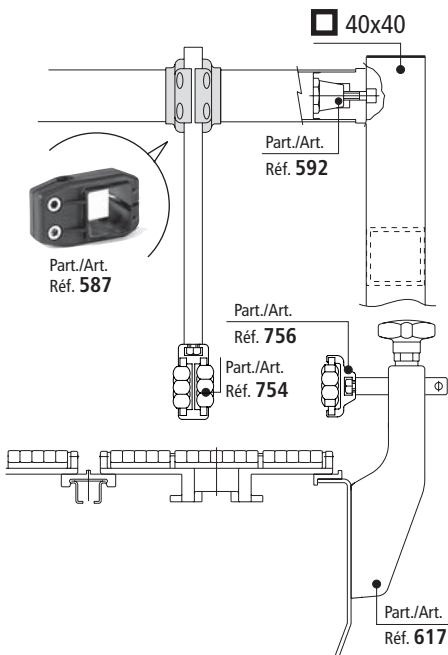
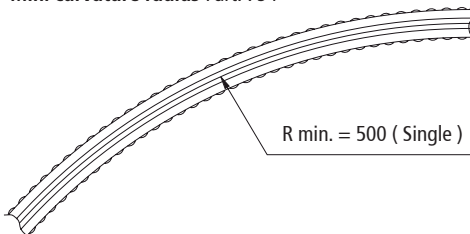


• Accessories

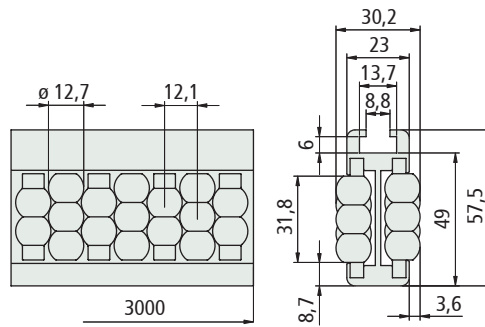
Part. 369 - Connecting bar



• Min. curvature radius Part. 754



■ Pearls™ roller centre guide

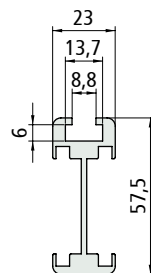


Part.	Rollers material	Code	Weight kg/m
754	UNL™ (Aubergine)	607643	1,80
	PE (Polyethylene white)	607653	1,70

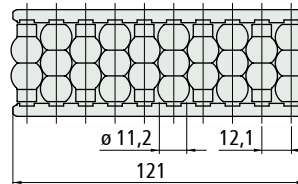
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



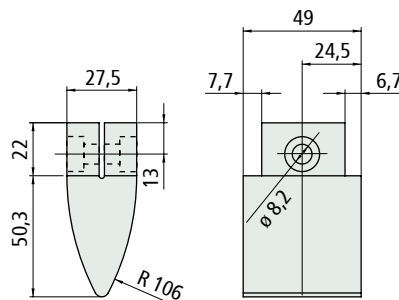
Pearls™ module



Length mm	Code	Rollers material	Code
3000	607893	UNL™ (Aubergine)	607853
6000	607903	PE (Polyethylene white)	607863

- Material : aluminium anodized.
- Weight : 1,08 Kg/m.
- Packaging : n1 strand.

■ Separation block



Part.	Code	Weight kg
759	608083	0,063

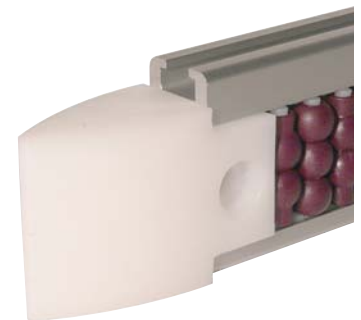
- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

Part. 754



New Product

Part. 759



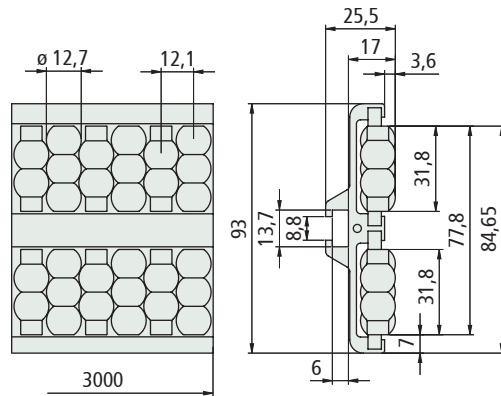
New Product

Part. 756



New Product

■ Pearl™ roller side guide

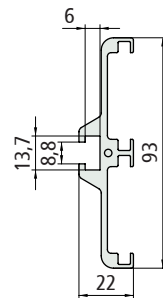


Part.	Rollers material	Code	Weight kg/m
756	UNL™ (Aubergine)	607743	2,06
	PE (Polyethylene white)	607753	1,95

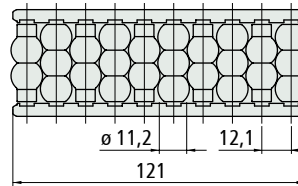
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



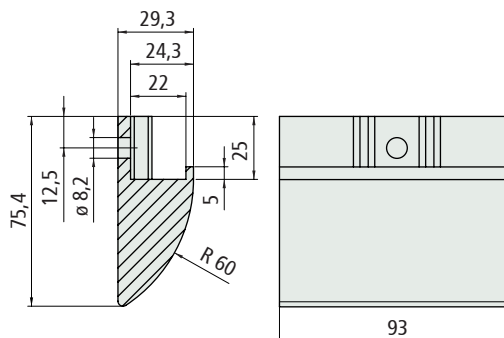
Pearls™ module



Length mm	Code	Rollers material	Code
3000	607953	UNL™ (Aubergine)	607853
6000	607963	PE (Polyethylene white)	607863

- Material : aluminium anodized.
- Weight : 0,85 Kg/m.
- Packaging : n1 strand.

■ Separation block



Part.	Code	Weight kg
760	608113	0,120

- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

Part. 760



New Product

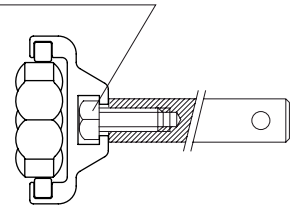
• Characteristics Part. 756

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- UNL™ low noise material.
- Can be used straight running and sideflexing.
- Low friction rollers.
- Suitable for delicate containers and packages.

• Assembly Part. 756

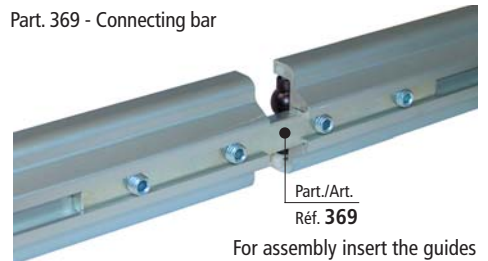
- For the correct modules assembly see page S210 - S211.

M8 hex head bolt



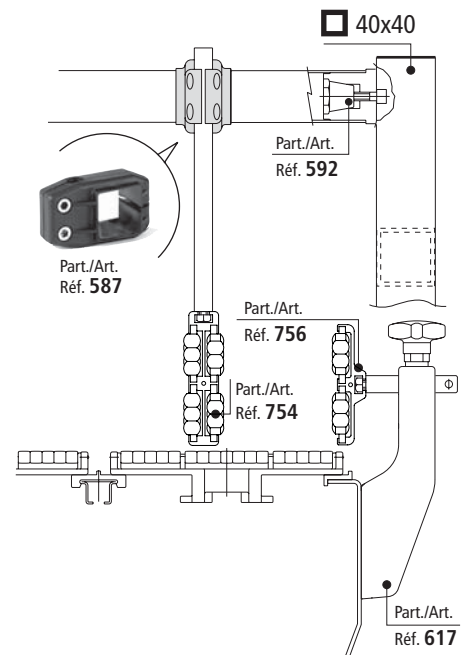
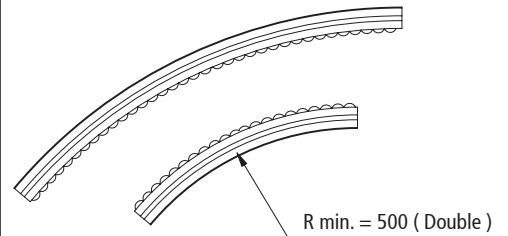
• Accessories

Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

• Min. curvature radius Part. 756

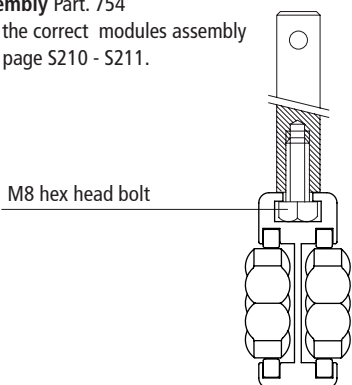


• Characteristics Part. 757

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- UNL™ low noise material.
- Can be used straight running and sideflexing.
- Low friction rollers.
- Suitable for delicate containers and packages.

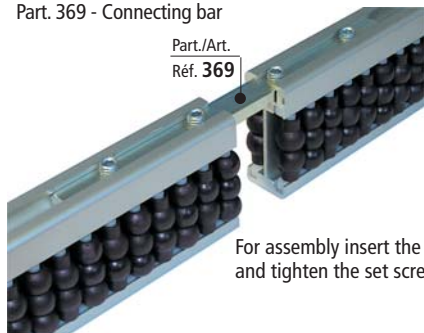
• Assembly Part. 754

- For the correct modules assembly see page S210 - S211.

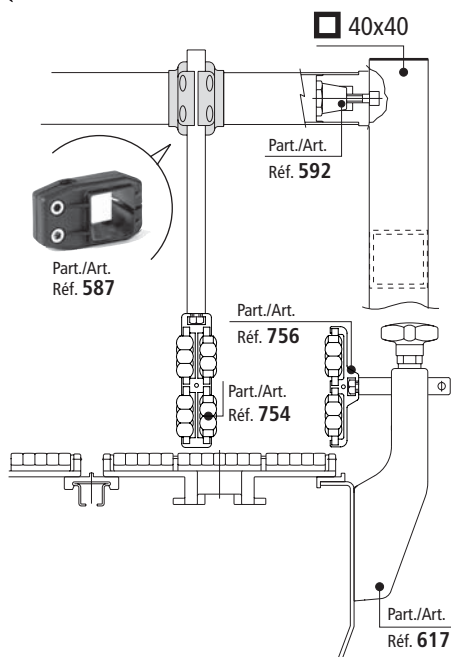
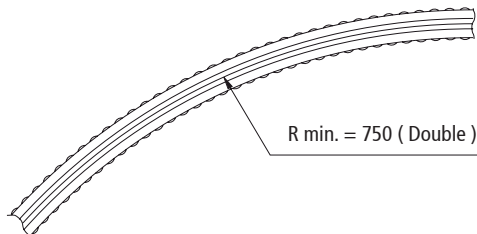


• Accessories

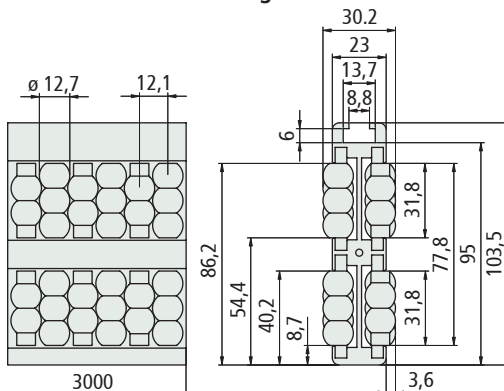
Part. 369 - Connecting bar



• Min. curvature radius Part. 754



■ Pearls™ roller centre guide

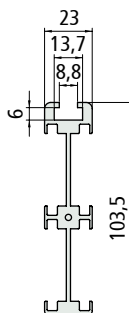


Part.	Rollers material	Code	Weight kg/m
754	UNL™ (Aubergine)	607663	3,12
	PE (Polyethylene white)	607673	2,90

- Material metal profile : anodized aluminium
- Min. curvature radius : 750 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

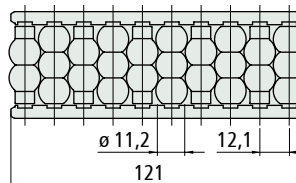
The roller side guides can be supplied with separated components.

Metal profile



Length mm	Code
3000	607913
6000	607923

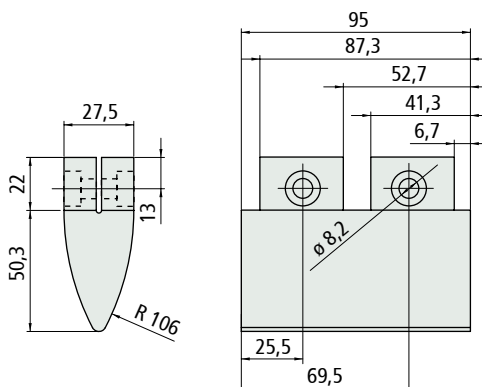
Pearls™ module



Rollers Material	Code
UNL™ (Aubergine)	607853
PE (Polyethylene white)	607863

- Material : aluminium anodized.
- Weight : 1,08 Kg/m.
- Packaging : n1 strand.

■ Separation block



Part.	Code	Weight kg
759	608093	0,124

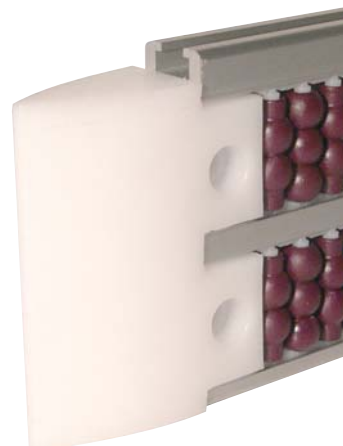
- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

Part. 754



New Product

Part. 759



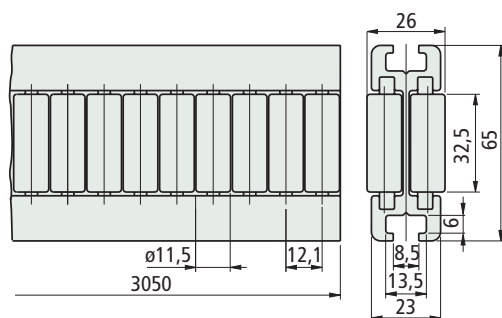
New Product

Part. **656-731**



New Product

■ Centre rollers guide

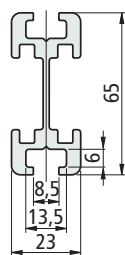


Part.	Rollers material	Code	Weight kg/m
656	Polyethylene PE (white)	656382	1,96
731	Polyurethan (blue) 85 Shore A	689962	

- Use : rollers in polyurethan version suitable for thin walled and delicate containers. Low noise.
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3,05 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

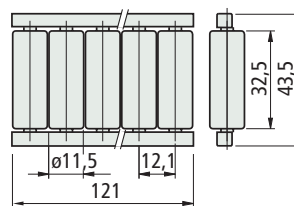
Metal profile



Length mm	Code
3050	689832
6100	689992

- Material : aluminium anodized.
- Weight : 1,24 Kg/m.

Rollers module

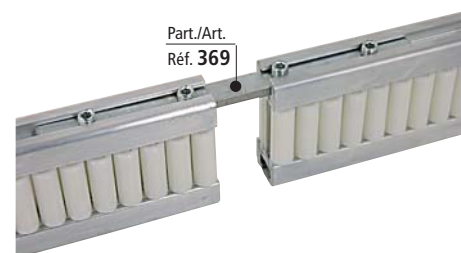


Rollers material	Code
Polyethylene PE (white)	689972
Polyurethan (blue)	689982

- Packaging : 10 pieces

• Accessories

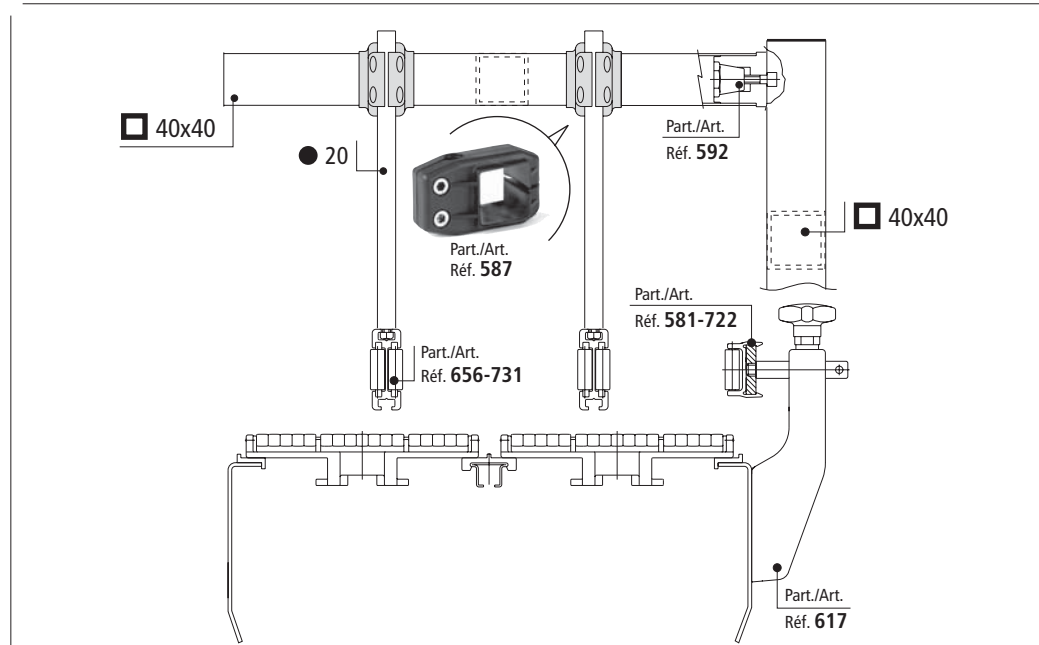
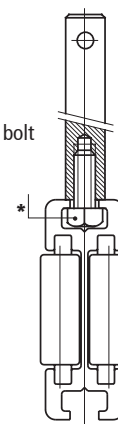
Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

• Fixing

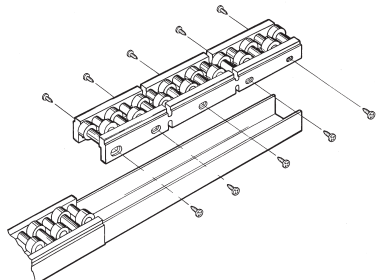
* = M8 hex head bolt



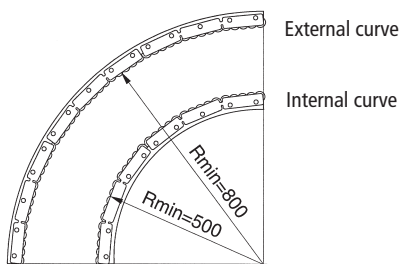
- Use of Part. 128 S-128
Rugged containers (ex. cases, cartons).

Modular system

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

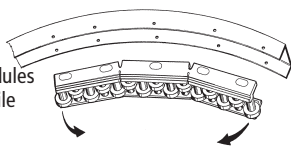


- Min. curvature radius (only for Part. 128 S)

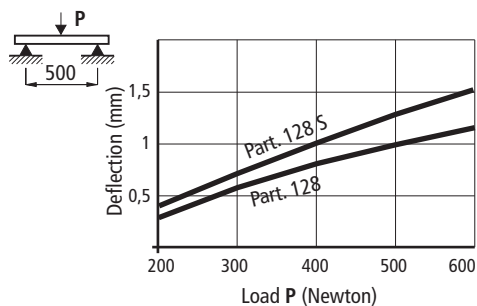


Curving procedure

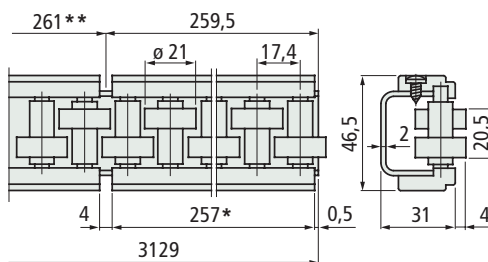
- Disassemble the modules
- Curve the metal profile using the manual bending machine.
- Reassemble the modules (the flexibility of the side straps make them easily adaptable to the curved profile).



- Deflection of Part. 128S-128



Roller side guide



* = module length
** = pitch of modules

Part. 128 S



Sideflexing

Part.	Metal profile and screws 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). Roller pins in stainless steel AISI 430 F.
- Standard packaging : strands of 3,129 metres.
- Packaging : 6,258 metres (n2 strands).
- Accessories :

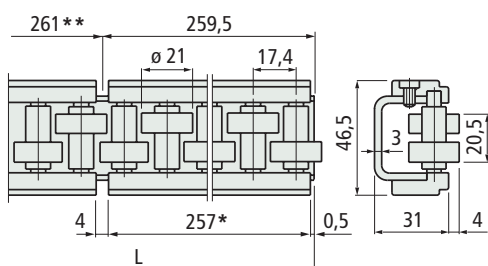


Guide rail clamps
see page S104.



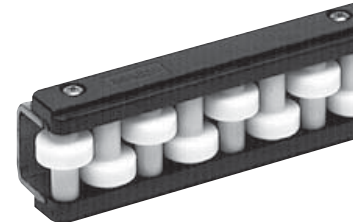
Guide rail bending machine (manual)
see page S101.

Roller side guide



* = module length
** = pitch of modules

Part. 128



Straight run

Part.	Length L mm	Metal profile and screws material	Code	Weight kg/m
1041		Zinc plated steel	64531	
		Stainless steel AISI 304	62640	
128	2085	Zinc plated steel	64541	2,6
		Stainless steel AISI 304	62670	
3129		Zinc plated steel	64551	
		Stainless steel AISI 304	63350	

- Material : rollers in acetal POM (white). Side straps in polyamide PA (black). Roller pins in stainless steel AISI 430 F.
- Packaging : n2 strands.
- Accessories :



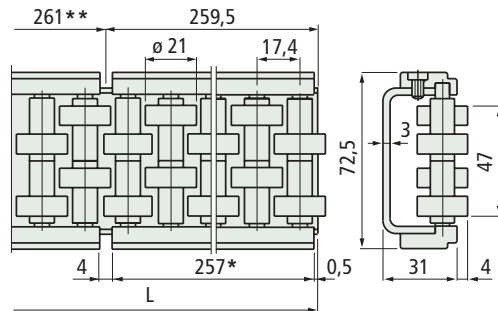
Guide rail clamps
see page S104.

Part. 128



Straight run

Roller side guide



* = module length
** = pitch of modules

Part.	Length L mm	Metal profile and screws material	Code	Weight kg/m
1041		Zinc plated steel	64501	
		Stainless steel AISI 304	62650	
128	2085	Zinc plated steel	64511	3,8
		Stainless steel AISI 304	62680	
3129		Zinc plated steel	64521	
		Stainless steel AISI 304	63340	

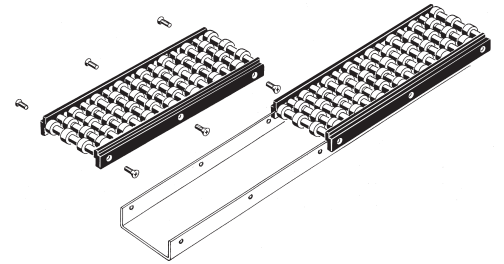
- Material : rollers in acetal POM (white). Side straps in polyamide PA (black). Roller pins in stainless steel AISI 430 F.
- Packaging : n2 strands.
- Accessories :



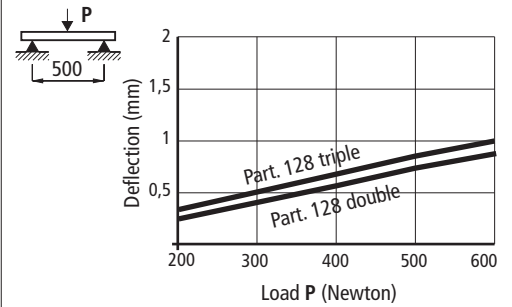
Guide rail clamps see page S122.

- 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

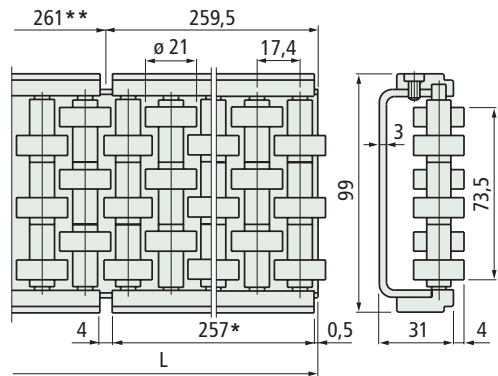


Part. 128



Straight run

Roller side guide



* = module length
** = pitch of modules

Part.	Length L mm	Metal profile and screws material	Code	Weight kg/m
1041		Zinc plated steel	64471	
		Stainless steel AISI 304	62660	
128	2085	Zinc plated steel	64481	5,0
		Stainless steel AISI 304	62690	
3129		Zinc plated steel	64491	
		Stainless steel AISI 304	62890	

- Material : rollers in acetal POM (white). Side straps in polyamide PA (black). Roller pins in stainless steel AISI 430 F.
- Packaging : n2 strands.
- Accessories :



Guide rail clamps see page S122.

Part. 218

• Bending procedure

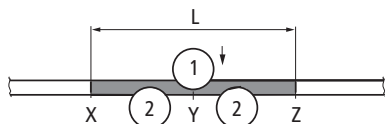
1- Calculate the length of the section to be bent L.

$$L = R \cdot K$$

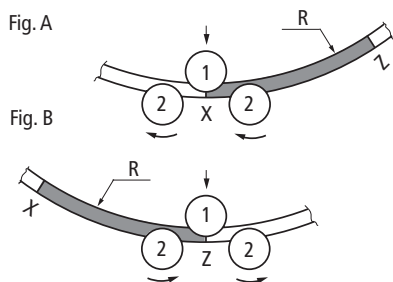
R = bend radius.
K = bend coefficient.

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

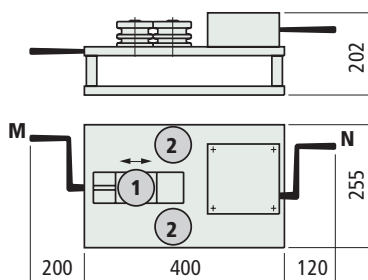
2- Sign the length L on the profile to be bent, with (X) starting point, (Z) end point and (Y) middle point. Acting on handle (M), displace roller (1) to contact the profile



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.



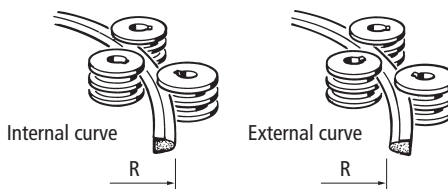
■ Guide rail bending machine (manual)



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.




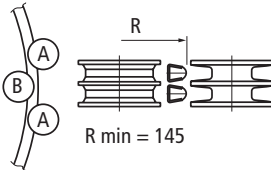
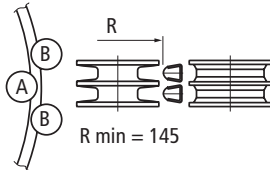

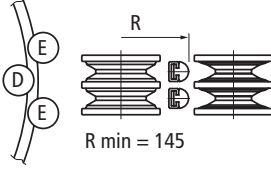
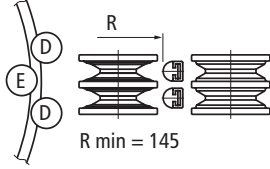

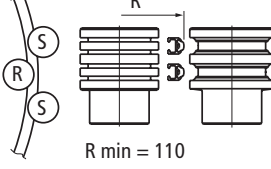
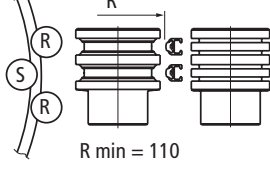

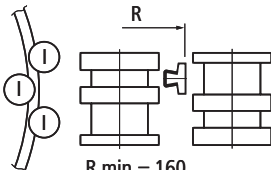
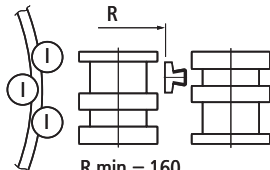

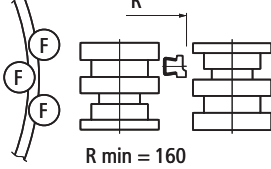
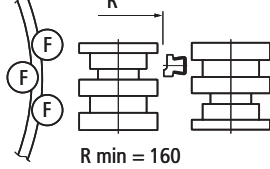

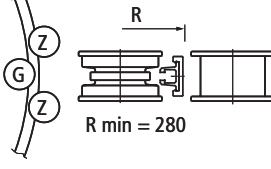
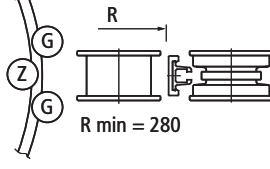

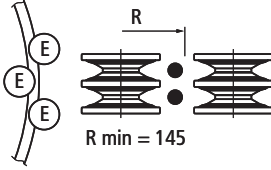
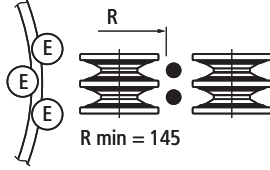
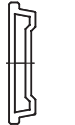
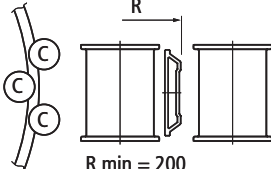
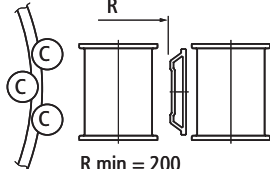


* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 233

Rollers for bending



Part.	Types of guides to be bent	Internal curve position of rollers	External curve positions of rollers	Code	No. of rollers
233	Part. 219 Part. 393  Part. 317 Part. 308  Part. 223 	 R R min = 145	 R R min = 145	62791	4
	Part. 247 	 R R min = 145	 R R min = 145	62811*	4
	Part. 346 	 R R min = 110	 R R min = 110	64374*	4
	Part. 273 	 R R min = 160	 R R min = 160	69232*	3
	Part. 596 	 R R min = 160	 R R min = 160	621462*	3
	Part. 422 	 R R min = 280	 R R min = 280	68179*	4
	Steel rods dia. 8 to 14• mm 	 R R min = 145	 R R min = 145	62821*	3
	Part. 191 Part. 296 	 R R min = 200	 R R min = 200	62801*	3

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

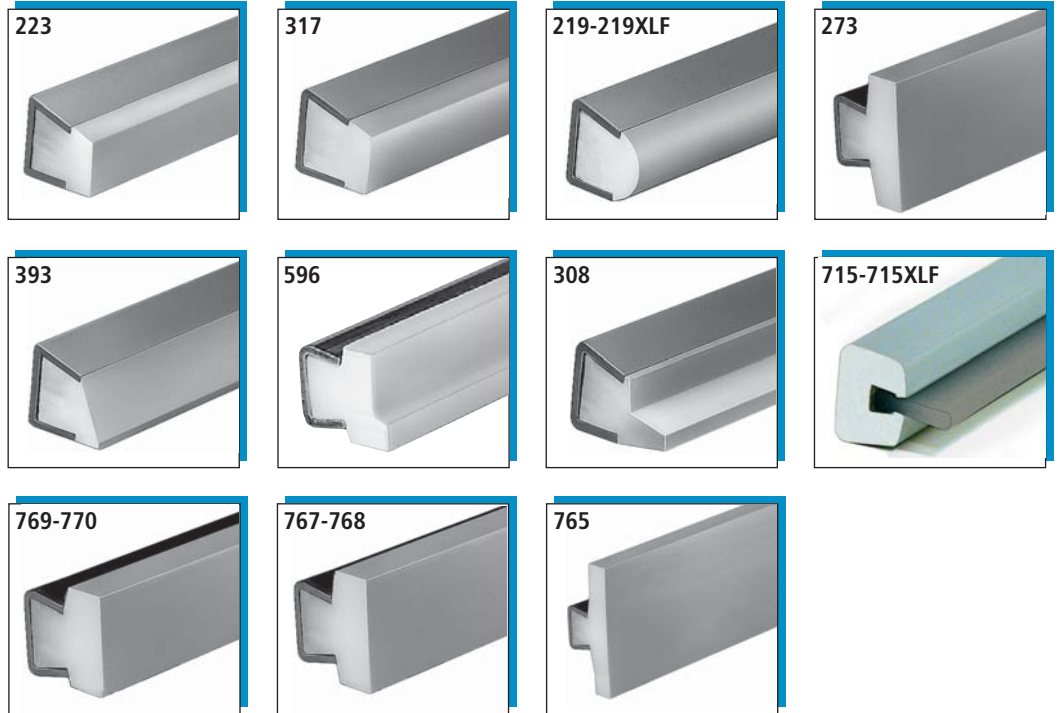
Part.	Types of guides to be bent	Inside bent rollers position	Inside bent rollers position	Code	No. of rollers
233	Part. 537 	 R R min = 500	 R R min = 500	689371*	4
	Part. 128 S 	 R R min = 500	 R R min = 800	64566*	4

- 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 dia.14 mm, can be bent only one at a time (use the lower groove to give less stress to the machine).

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

Guide rail clamps for

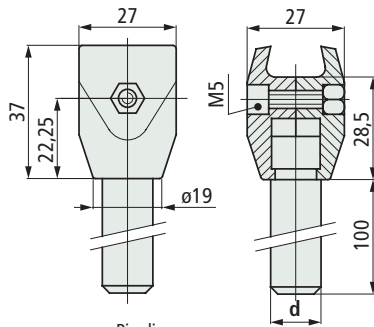
- Part. 223
- Part. 317
- Part. 219-219XLF
- Part. 273
- Part. 393
- Part. 596
- Part. 308
- Part. 715-715XLF
- Part. 765
- Part. 767
- Part. 768
- Part. 769
- Part. 770



Part. 210 P



■ Guide rail clamp



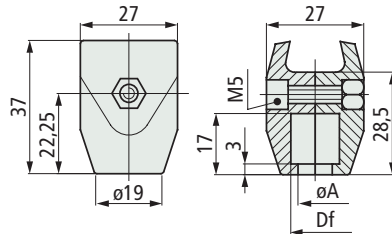
Part.	Pin dia. d mm	Code	Weight kg
210 P	12	P6203910	0,12
	14	P6185510	0,15

- 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



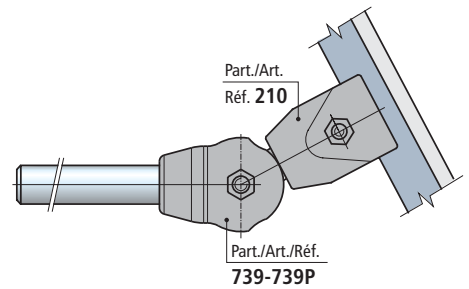
■ Guide rail clamp



Part.	Use	Bore dia. Df mm	dia. A mm	Code		Weight kg
				With Microban®	Without Microban®	
210	for pins dia. 12	12	10	652022	600372	0,02
	for pins dia. 14	13,5	11,5	-	59941	

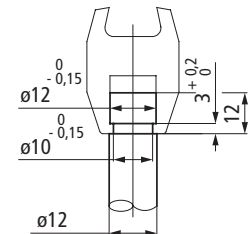
- Material : guide rail clamps in reinforced polyamide PA FV
Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Colour : grey (with Microban®), black (without Microban®).
- Packaging: 100 pieces.
- Accessories : swivel pin connection Part. 739-739P.

- Swivel pin connection Part. 739-739P
Use for conveyors with (format change). They allow an easy regulation of product-guides on corner tracks.
See page S108.

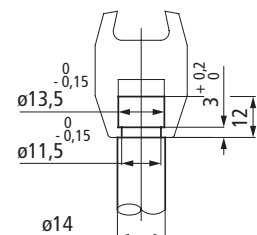


- Pin dimensions for Part. 210

Pin dia. 12 mm



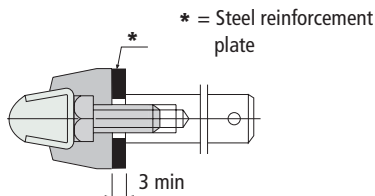
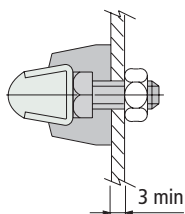
Pin dia. 14 mm



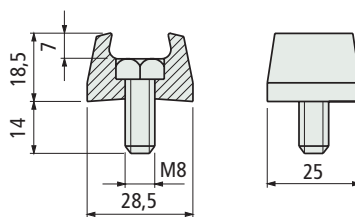
Guide - Rail Clamps

for Part. 223 - 317 - 219 - 219XLF - 273 - 393 - 596 - 308 - 715 - 715XLF - 765 - 767 - 768 - 769 - 770

• Assembly of part. 275



■ Guide rail clamp



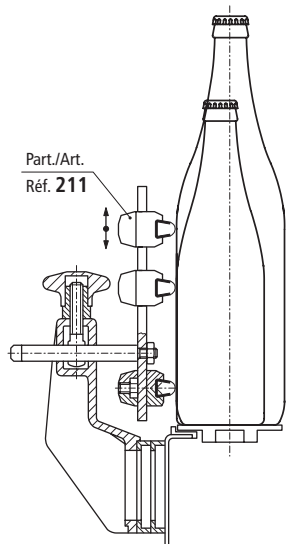
Part.	Code	Weight kg
275	66811	0,02

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

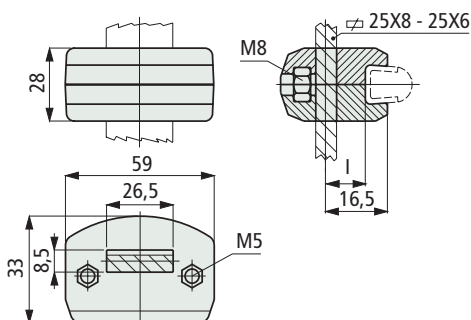
Part. 275



• Assembly of Part. 211
 Unlimited height adjustment possible



■ Adjustable guide rail clamp



Part.	I mm	Code		Weight kg
		With Microban®	Without Microban®	
211	8	652032	59961	0,05

- Material : guide rail clamps in reinforced polyamide PA FV (black).
 Bolt in stainless steel AISI 304. Nut in nickel plated brass.
 - Colour : grey (with Microban®), black (without Microban®).
 - Packaging : 100 pieces.

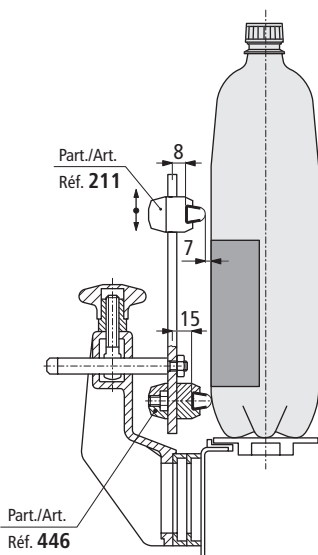
Part. 211



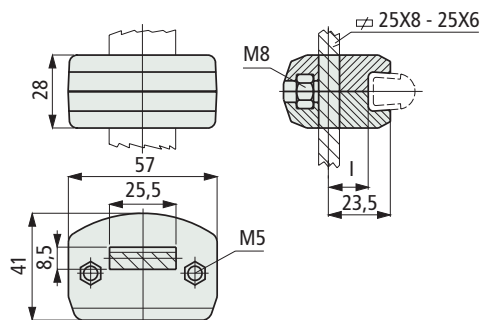
Distance I = 8 mm



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



■ Adjustable guide rail clamp



Part.	I mm	Code		Weight kg
		With Microban®	Without Microban®	
446	15	607651		0,05

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

Part. 446



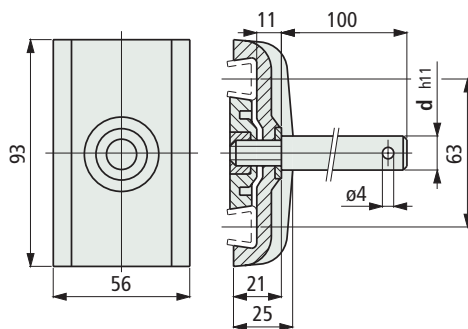
Distance I = 15 mm

for Part. 223 - 317 - 219 - 219XLF - 273 - 393 - 596 - 308 - 715 - 715XLF - 765 - 767 - 768 - 769 - 770

Part. 213



Double guide rail clamp



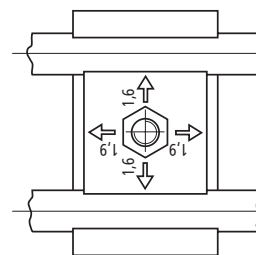
Part.	Pin dia. d mm	Code		Weight kg
		With Microban®	Without Microban®	
213	12	652042	60091	0,19
	14	-	60181	0,22
	16	-	60191	0,25

- Material : guide rail clamp in reinforced polyamide PA FV. Pin in stainless steel AISI 303. Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Colour : grey (with Microban®), black (without Microban®).
- Packaging : 50 pieces.

Assembly of Part. 213

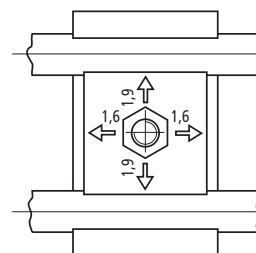
The plate inside the clamp must be positioned to suit the thickness of the guide.

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



Position of plate for assembly of guides of thickness $s = 2$.

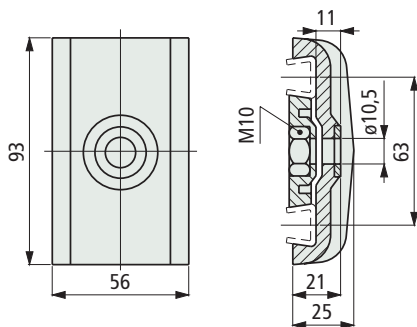
The plate is turned through 90°.



Part. 213



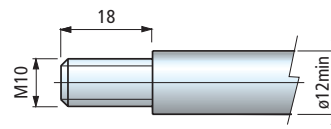
Double guide rail clamp



Part.	Code	Weight kg
213	60101	0,08

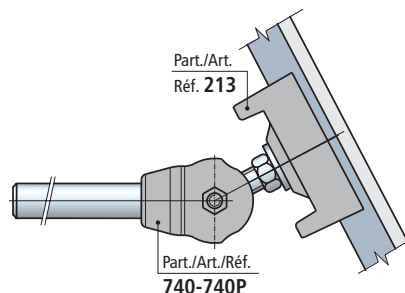
- Material : guide rail clamp in reinforced polyamide PA FV (black).
- Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.
- Accessories : swivel pin connection Part. 749-740P.

Pin dimension for Part. 213



Swivel pin connection Part. 740-740P

Use for conveyors with (format change). They avoid an easy regulation of product-guides on corner tracks. See page S108.

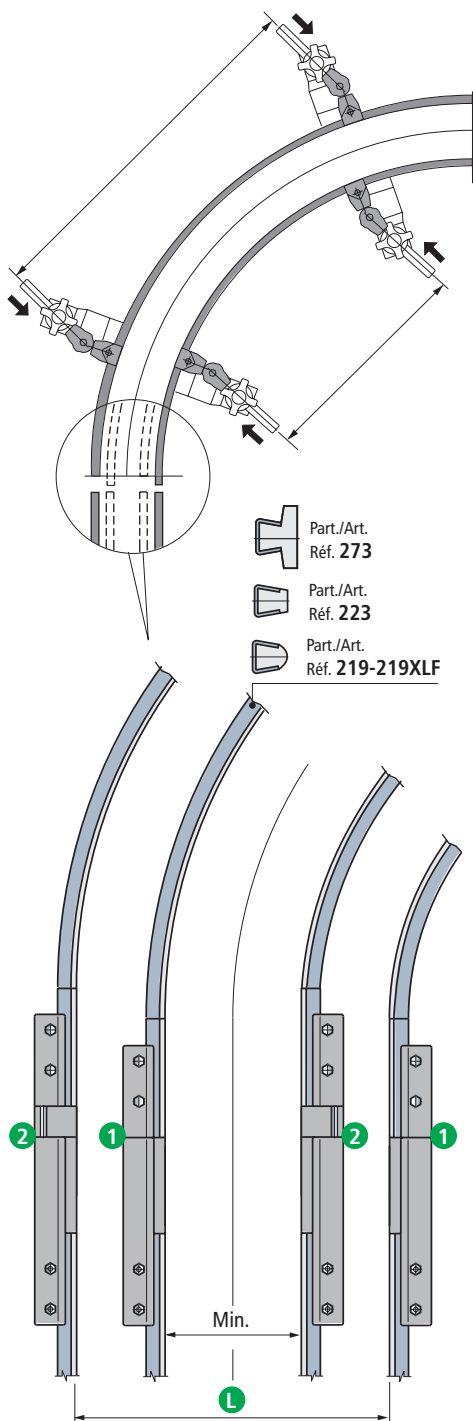


Guide-Rail Clamps

for Part. 223 - 219 - 219XLF - 273

• **Assembly of Part. 736-737-738**

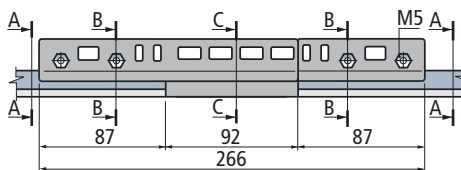
The clamps allows the junction of straight tracks with corner tracks. Ideal to adjust the length of side guides near the curves when width adjustment is needed.



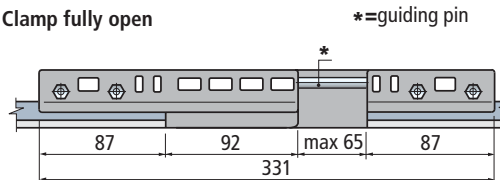
- 1- Closed clamp.
- 2- Open clamp.
- L- Size changing width.

■ **Sliding joint clamp**

Clamp fully closed



Clamp fully open

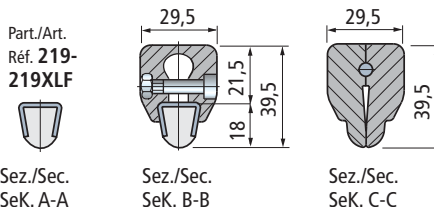


Part. 736-737-738

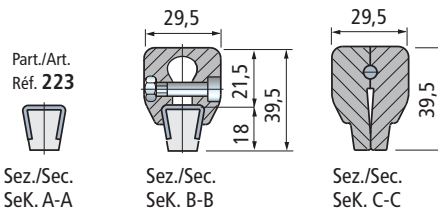


New Product

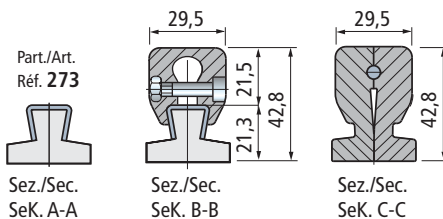
■ **Part. 736 - Sliding joint clamp for Part. 219-219XLF**



■ **Part. 738 - Sliding joint clamp for Part. 223**



■ **Part. 737 - Sliding joint clamp for Part. 273**



Part.	Type of guides to joint	Code	Weight Kg
736	Part. 219-219XLF	695402	
738	Part. 223	695422	0,24
737	Part. 273	695412	

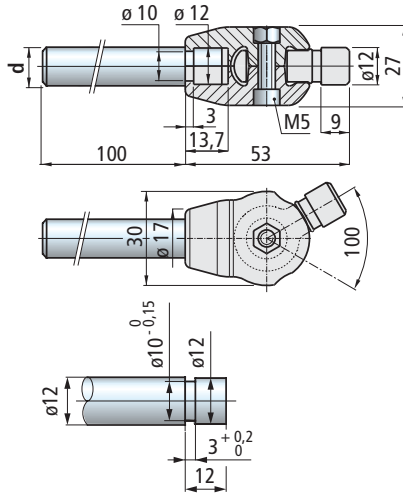
- Material: clamp in acetal (white). Guiding pin in stainless steel AISI 303. Tightening bolt in stainless steel AISI 304.
- Max recommended tightening torque : 0,4 Kgm.
- Packaging : 1 piece.

Part. **739-739P**



New Product

■ Swivel pin connection



Part.	Version	Pin dia. d mm	Code	Weight Kg
739	Without pin	—	695522	0,01
739P	With pin	12	P6025830	0,12

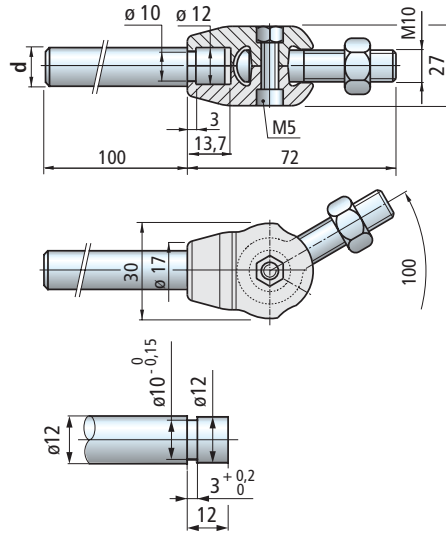
- Material : clamp and eyebolt in reinforced Polyamide PA FV (black). Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- ackaging : 20 pieces.

Part. **740-740P**



New Product

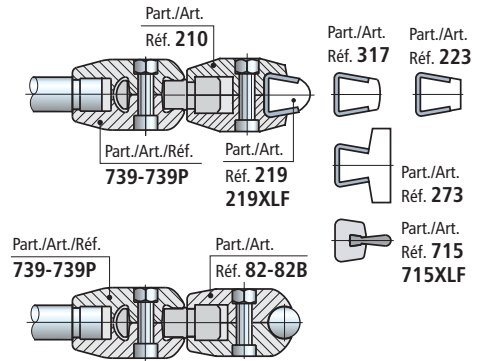
■ Swivel pin connection



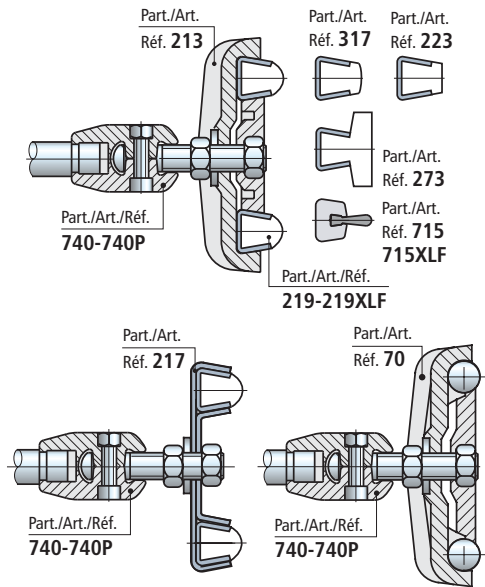
Part.	Version	Pin dia. d mm	Code	Weight Kg
740	Without pin	—	695532	0,01
740P	With pin	12	P6025930	0,12

- Material : clamp in reinforced Polyamide PA FV (black). Eyebolt and nut in stainless steel AISI 304. Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 20 pieces.

• Assembly of Part. 739-739P

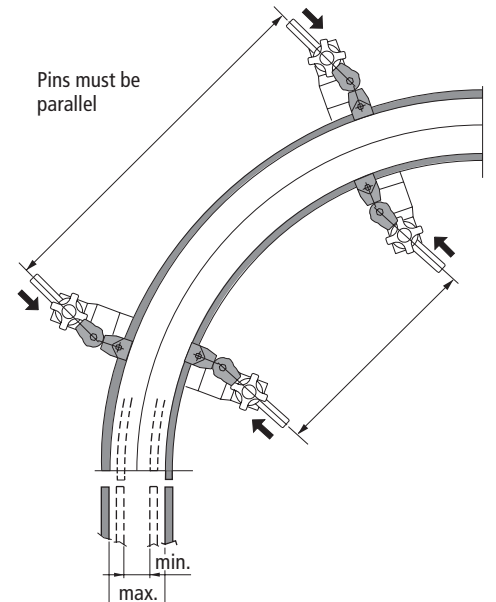


• Assembly of Part. 740-740P



• Use of Part. 739-739P-740-740P

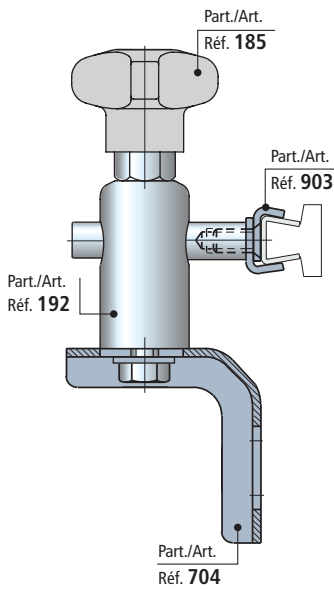
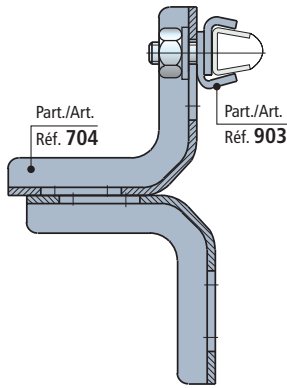
Use for conveyors with (format change). They allow an easy regulation of product-guides on corner tracks.
To adjust the guide-rail with format change, untighten the knobs of brackets and slide along the "parallel pins" until the required width.



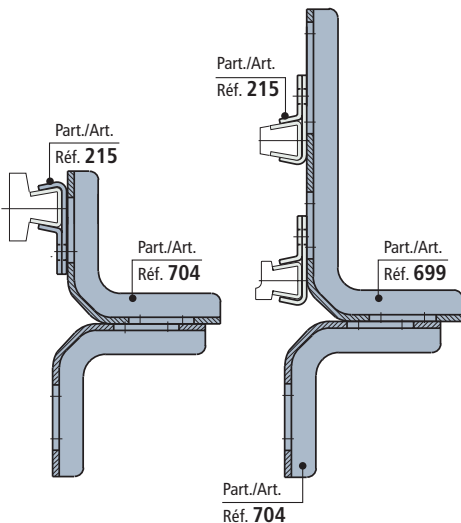
Guide - Rail Clamps

for Part. 223 - 317 - 219 - 219XLF - 273 - 393 - 596 - 308 - 715 - 715XLF - 765 - 767 - 768 - 769 - 770

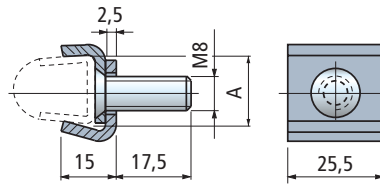
• Assembly of Part. 903-216



• Assembly of Part. 215



■ ViseClamp™



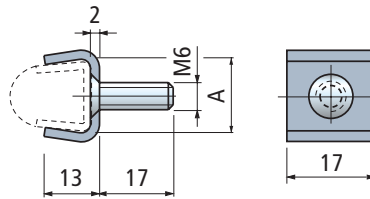
Part.	Use	A mm	Code
903	For guides with S= 2	17	656001*

- Material : stainless steel AISI 303.
- Packaging : 50 pieces.

Part. 903



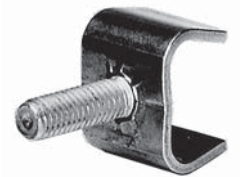
■ Guide rail clamp



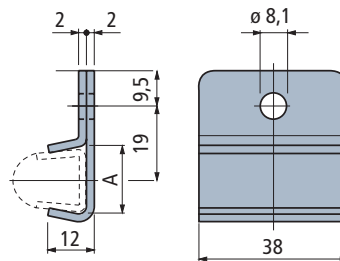
Part.	Use	A mm	Code	Weight kg
216	For guides with S= 1,5	16,5	60131*	0,01
	For guides with S= 2	17	64244	

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

Part. 216



■ Guide rail clamp



Part.	Use	A mm	Code	Weight kg
215	For guides with S= 1,5	16	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.

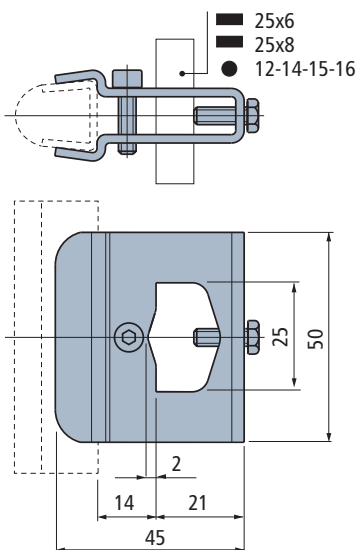
for Part. 223 - 317 - 219 - 219XLF - 273 - 393 - 596 - 308 - 715 - 715XLF - 765 - 767 - 768 - 769 - 770

Part. 693



New Product

■ Guide-rail clamp
With one fixing screw



Part.	Code	Weight kg
693	689212	0,10

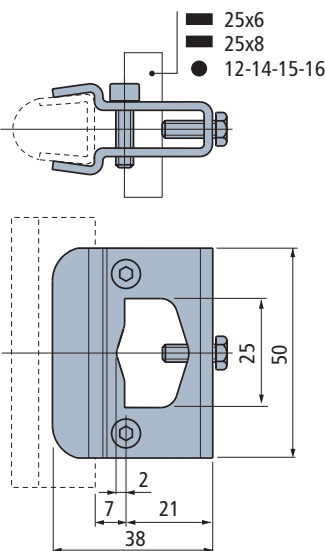
- Material : clamp and bolt in stainless steel AISI 304.
- Packaging : 16 pieces .

Part. 694



New Product

■ Guide-rail clamp
With two fixing screws



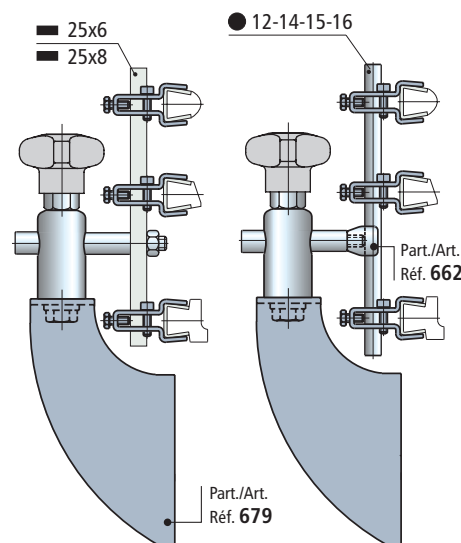
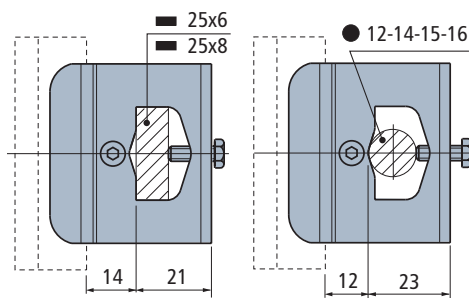
Part.	Code	Weight kg
694	689222	0,10

- Material : clamp and bolt in stainless steel AISI 304.
- Packaging : 16 pieces.

• Assembly of Part. 693

Fixing on plates

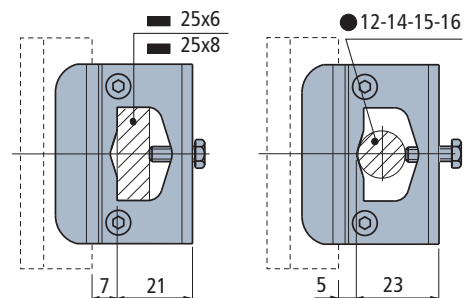
Fixing on rods



• Assembly of Part. 694

Fixing on plates

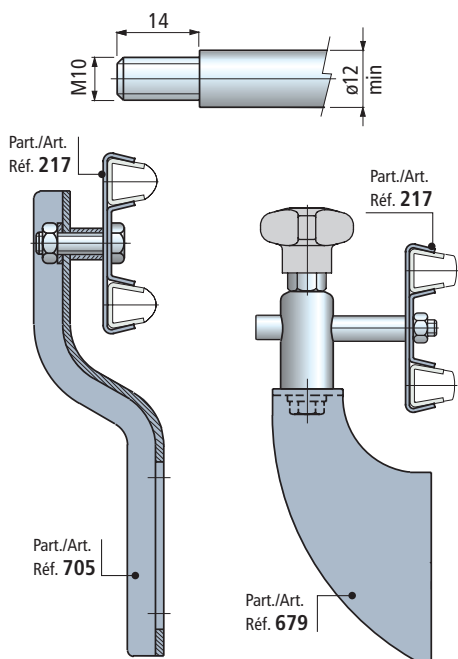
Fixing on rods



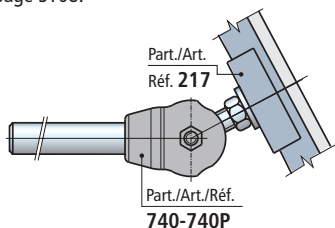
Guide - Rail Clamps

for Part. 223 - 317 - 219 - 219XLF - 273 - 393 - 596 - 308 - 715 - 715XLF - 765 - 767 - 768 - 769 - 770

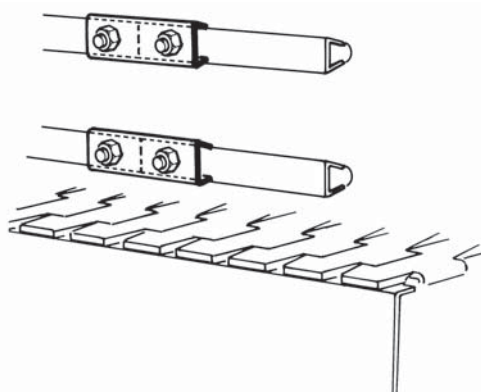
• Pin dimensions for Part. 217



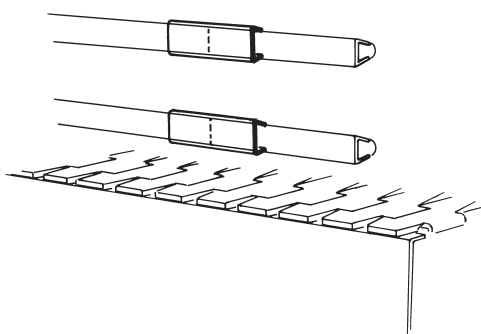
- **Swivel pin connection Part. 740-740P**
Use for conveyors with (format change). They allow an easy regulation of product-guides on corner tracks. See page S108.



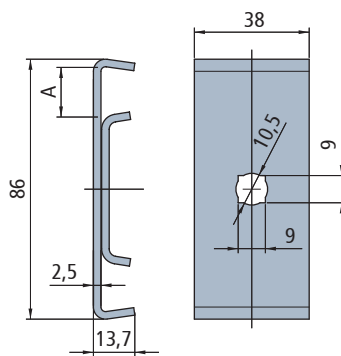
• **Assembly of Part. 902**



• **Assembly of Part. 214**



■ **Guide-rail clamp (double)**



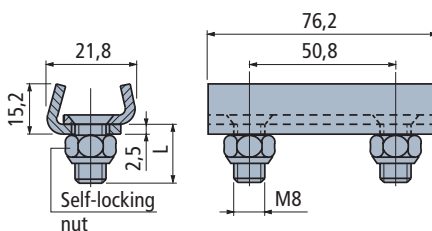
Part.	Use	A mm	Code	Weight kg
217	For guides with S= 1,5	16	60141	0,14
	For guides with S= 2	17	695131*	

- = *New Product*
- Material : stainless steel AISI 304.
- Packaging : 50 pieces.
- Accessories : swivel pin connection Part. 740-740P.

Part. 217



■ **ViseSplice™**



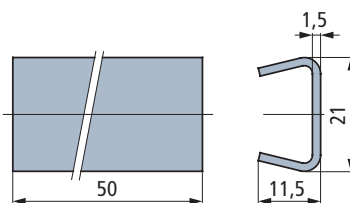
Part.	Use	L mm	Code
902	For guides with S=2	15	656041*

- Material : stainless steel AISI 303.
- Packaging : 50 pieces.

Part. 902



■ **Connecting clamp**



Part.	Code	Weight kg
214	60111	0,02

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

Part. 214



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

Guide-rail clamps for

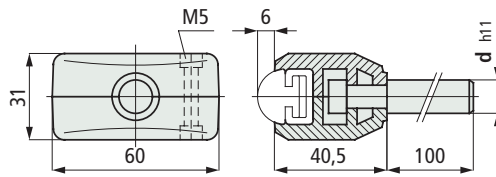
- Part. 247



Part. 236



■ Guide-rail clamp



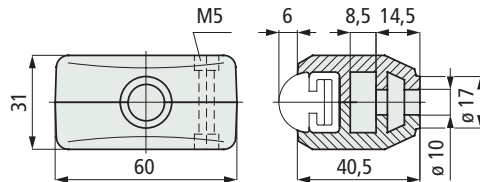
Part.	Pin dia. d mm	Code	Weight kg
236	12	63931	0,13
	14	63941	0,18
	16	63951*	0,23

- 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



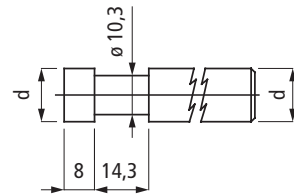
■ Guide-rail clamp



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



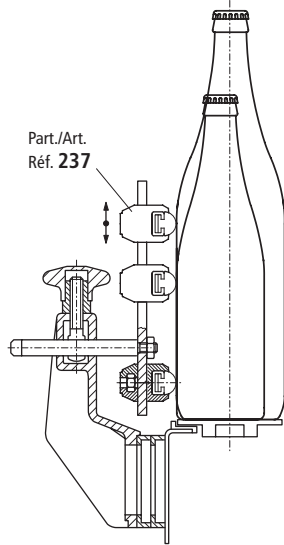
d = dia. 12 16 mm

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

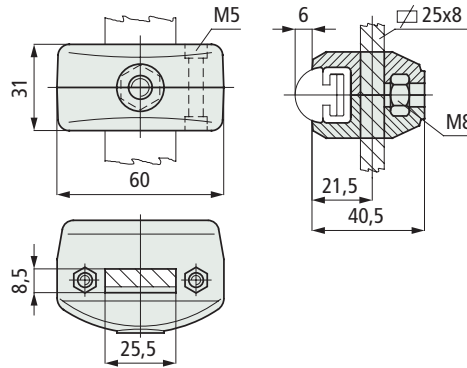
Guide - Rail Clamps

for Part. 247

- Assembly of Part. 237
Unlimited height adjustment possible



Adjustable guide-rail clamp



Part.	Code	Weight kg
237	63151	0,06

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

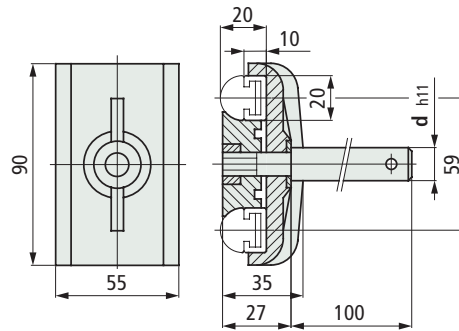
Part. 237



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

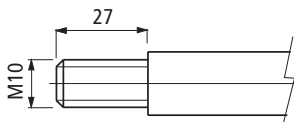
- Material : guide rail clamp in reinforced polyamide PA FV (black).
- Pin in stainless steel AISI 303. Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.

Double guide-rail clamp

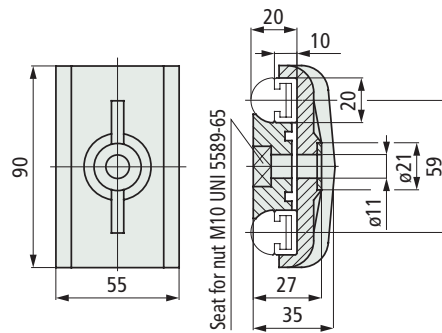


Part. 116

- Pin dimensions for Part. 111



Double guide-rail clamp



Part.	Code	Weight kg
111	51580	0,08

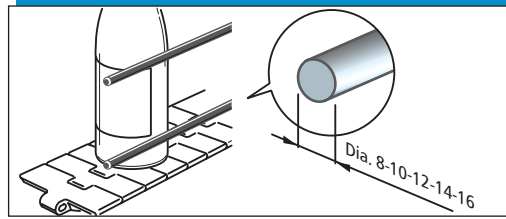
- Material : guide rail clamp in reinforced polyamide PA FV (black).
- Washer in stainless steel AISI 304.
- State of supply : supplied without tightening nut.
- Packaging : 50 pieces

Part. 111



Guide-rail clamps for

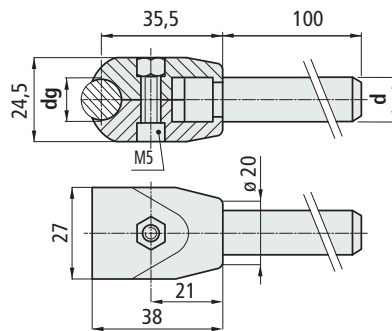
- Round steel rods



Part. **82P**



■ Guide-rail clamp



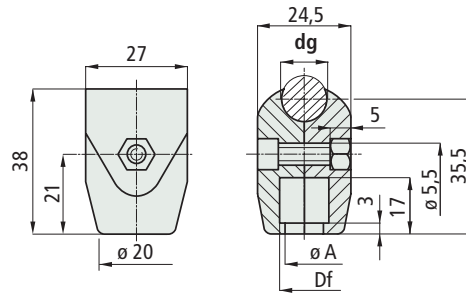
Part.	pin dia. d mm	Guide dia. dg mm	Code	Weight kg
82 P	12	10	P6827820●	0,12
		12	P6184910	
	14	14	P6185010	0,15
		10	P6827920●	
		12	P6185110	
		14	P6185210	

- = New Product.
- 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. **82-82B**



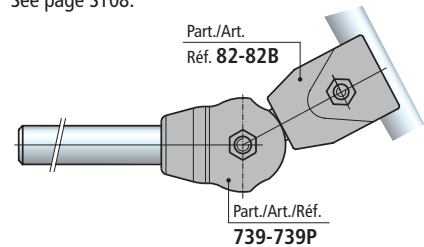
■ Guide-rail clamp



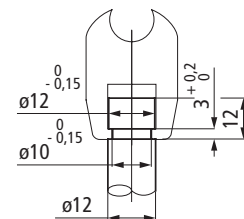
Part.	Use	Guide dia. dg mm	Code	Bore dia. dia. Df mm	A mm	Weight kg
Without tightening bolt						
82	for pins dia. 12	10	682742●	12	10	0,01
		12	66861			
		14	66871*			
	for pins dia. 14	10	682752●	13,5	11,5	
		12	50930*			
		14	50940*			
With tightening bolt						
82 B	for pins dia. 12	10	B6827620●	12	10	0,01
		12	B6683800			
		14	B6684800			
	for pins dia. 14	10	B6827720●	13,5	11,5	
		12	B6072510			
		14	B6072610			

- = New Product.
- Material : guide rail clamps in reinforced polyamide PA FV (black).
- Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 100 pieces.
- Accessories : swivel pin connection Part. 739-739P.

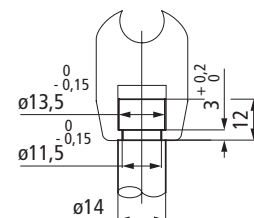
- Swivel pin connection Part. 739-739P
Use for conveyors with (format change).
They allow an easy regulation of product-guides on corner tracks.
See page S108.



- Pin dimensions for Part. 82 - 82 B
Pin dia. 12 mm



- Pin dia. 14 mm



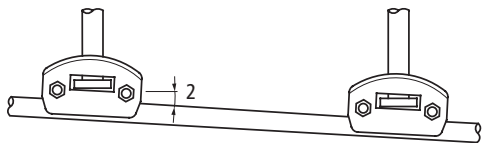
*= items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Guide - Rail Clamps

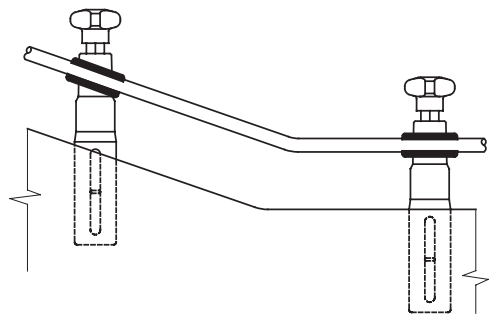
for round steel Rods

• Assembly of Part. 478

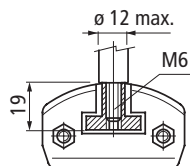
It is possible an inclination of 2° of the guide rail



Recommended for inclined conveyors (with any angle).

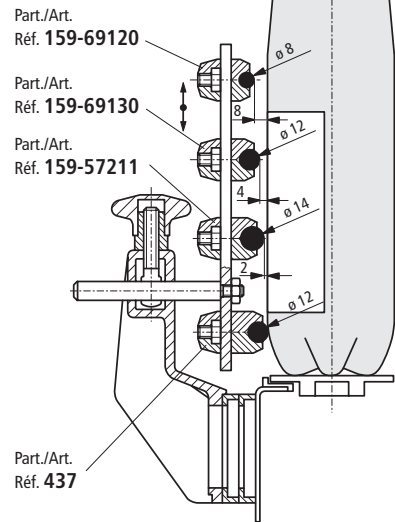


• Pin dimensions for Part. 478

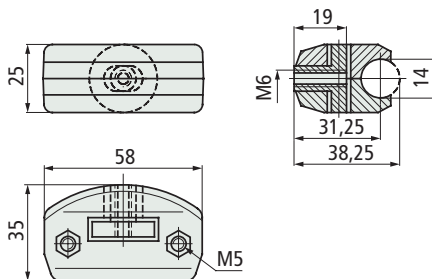


• Assembly of Part. 159-437

PET bottle movement (subject to swelling).



■ Pivoting guide-rail clamp



Part.	Code	Weight kg
478	670151	0,06

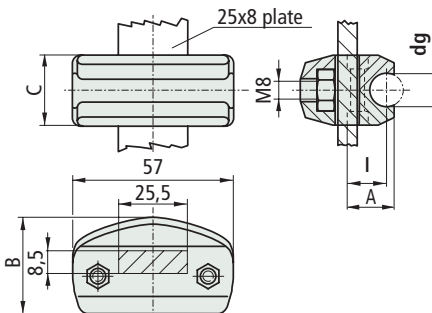
- Material : guide rail clamp in reinforced polyamide PA FV (black). Insert in brass. Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.

Part. 478



Pivoting

■ Adjustable guide-rail clamp



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

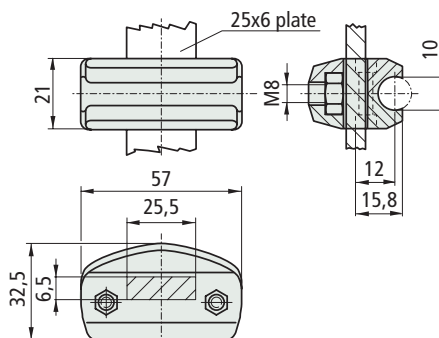
- Material : guide rail clamp in reinforced polyamide PA FV (black). Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.

Part. 159-437



For 25 x 8 plates

■ Adjustable guide-rail clamp



For 25 x 6 plates

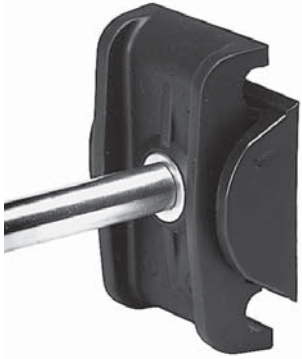
Part.	Code	Weight kg
451	63389	0,05

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

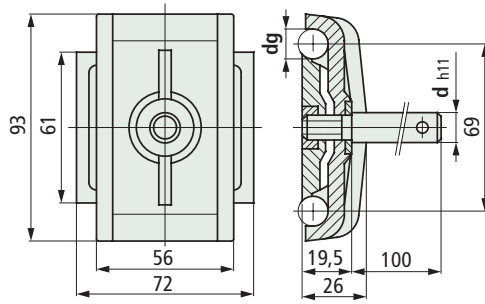
Part. 451

for round steel Rods

Part. 71



Double guide-rail clamp



Part.	Pin dia. d mm	Guide dia. dg mm	Code	Weight kg
71	12	10	677252*	0,20
		12	50960	
	14	10	677262*	0,22
	12	50970		
	16	10	677272*	0,26
		12	50980*	

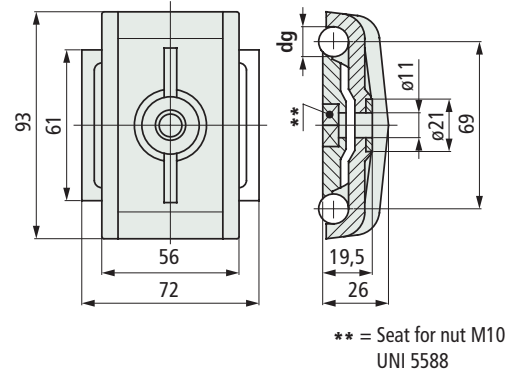
• = New Product

- 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

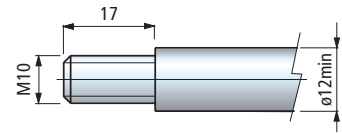


Part.	Guide dia. dg mm	Code	Weight kg
70	10	677242*	0,09
	12	50950	

• = New Product

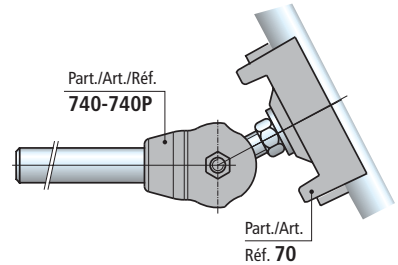
- Material : guide rail clamps in reinforced polyamide PA FV (black).
- Washer in stainless steel AISI 304.
- State of supply : supplied without tightening nut.
- Packaging : 50 pieces.
- Accessories : swivel pin connection Part. 740-740P.

• Pin Dimensions for Part. 70



• Swivel pin connection Part. 739-739P

- Use for conveyors with (format change). They allow an easy regulation of product-guides on corner tracks.
- See page S108.



• Use of part. 676

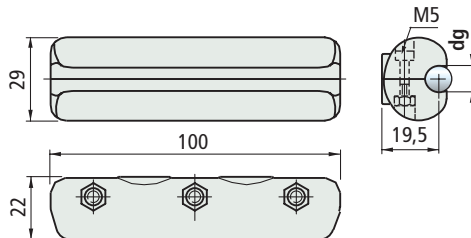
- New split joint clamp, to be used for the junction of dia. 10-12 round guides.

Part. 676



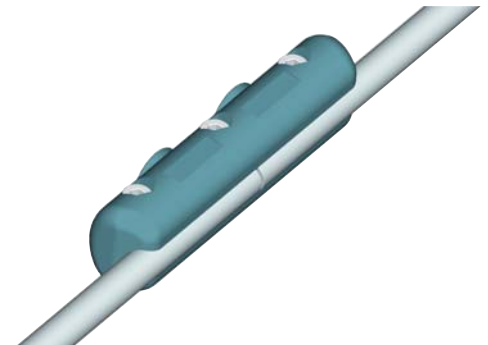
New Product

Joint clamp



Part.	Guide dia. dg mm	Code	Weight kg
676	10	689682	0,10
	12	689692	

- Material : joint clamp in reinforced Polyamide PA FV (black). Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 10 pieces.



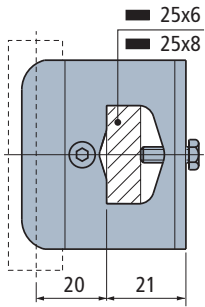
*= items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Guide-Rail Clamps

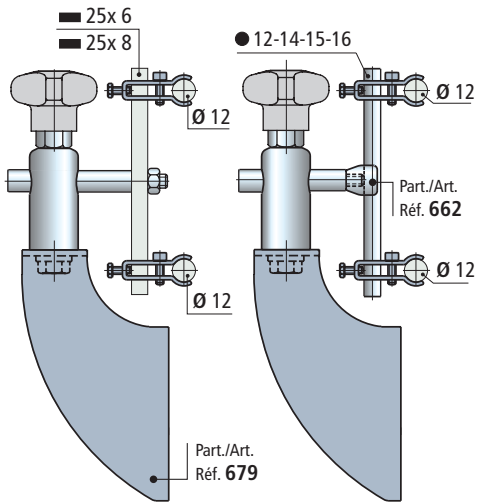
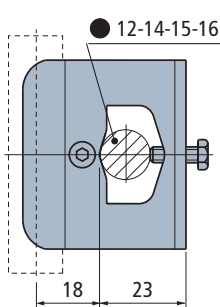
for round steel Rods

• Assembly of Part. 697

Fixing on plates

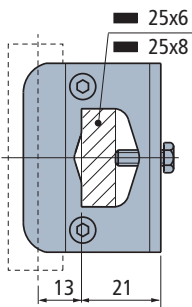


Fixing on rods

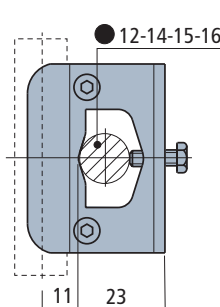


• Assembly of Part. 698

Fixing on plates

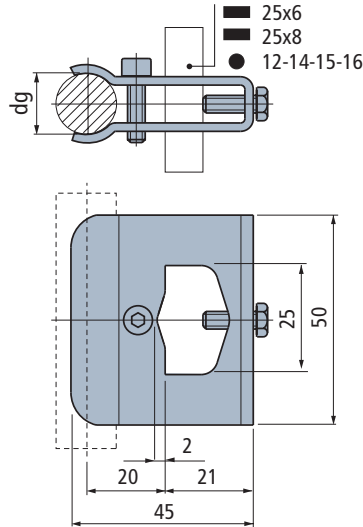


Fixing on rods



■ Guide-rail clamp

With one fixing screw



Part.	Guide dia. dg mm	Code	Weight kg
697	12	689192	0,10

- Material : clamp and bolt in stainless steel AISI 304.
- Packaging : 16 pieces.

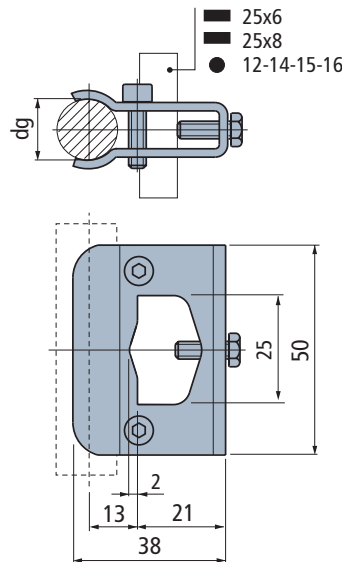
Part. 697



New Product

■ Guide-rail clamp

With two fixing screws



Part.	Guide dia. dg mm	Code	Weight kg
698	12	689202	0,10

- Material : clamp and bolt in stainless steel AISI 304.
- Packaging : 16 pieces.

Part. 698



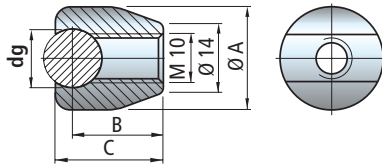
New Product

Part. 662



New Product

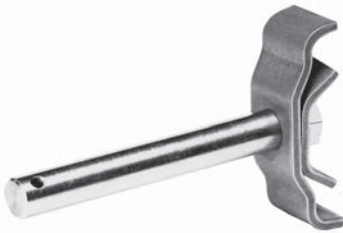
■ Guide-rail clamp



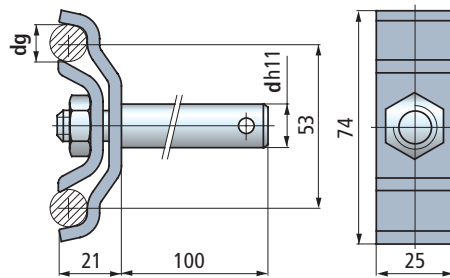
Part.	Guide dia. dg mm	Code	dia.A mm	B mm	C mm	Weight kg
662	10	669542	20	17,5	20	0,03
	12	669552	21	18,5	22	
	14	669562	23	19,5	24	

- Material : stainless steel AISI 303.
- Packaging : 50 pieces.

Part. 50



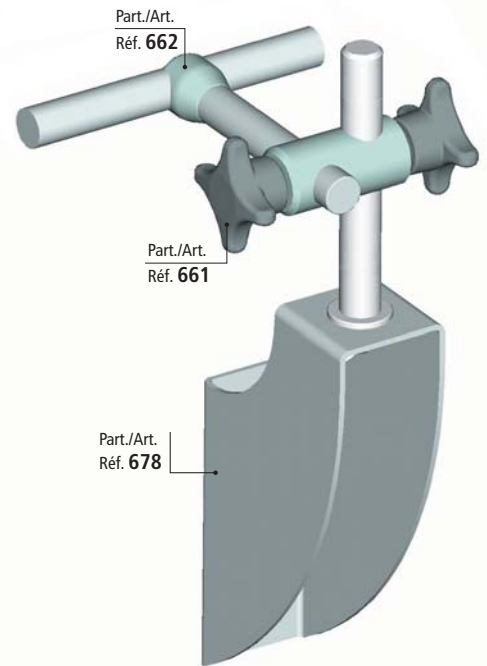
■ Guide-rail clamp (double)



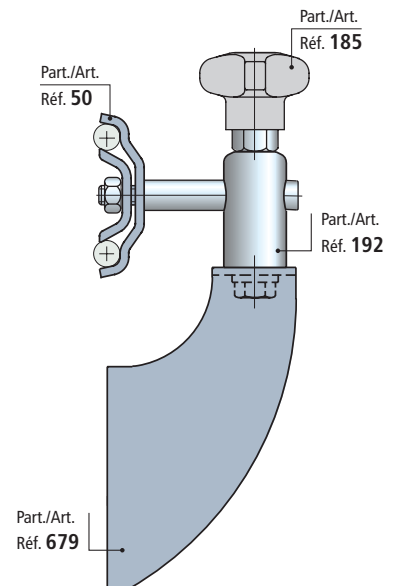
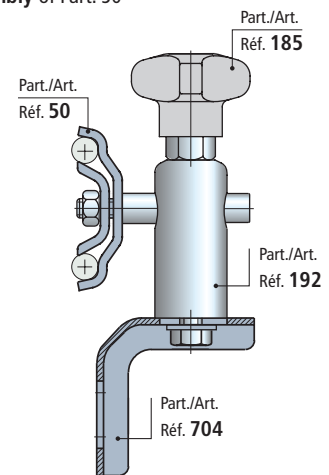
Part.	Guide dia. dg mm	Pin dia. d mm	Code	Weight kg
50	12	12	53801	0,34
		14	51000	0,36
		16	647871	0,38

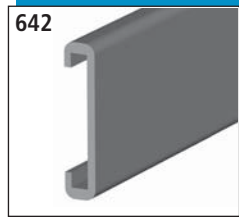
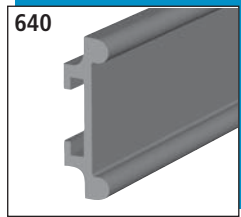
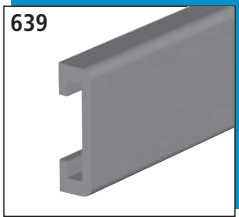
- Material : guide rail clamp and tightening nut in stainless steel AISI 304. Pin in stainless steel AISI 303.
- Packaging : 50 pieces.

• Assembly of Part. 662



• Assembly of Part. 50

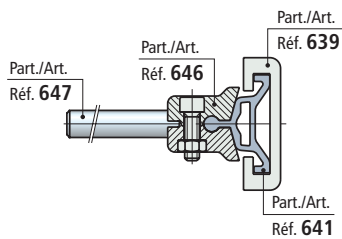




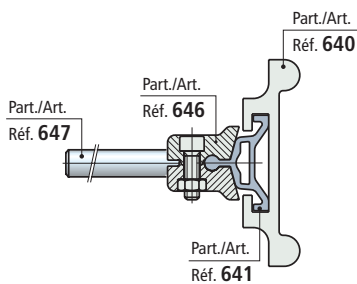
Guide-rail clamps for

- Part. 639
- Part. 640
- Part. 642

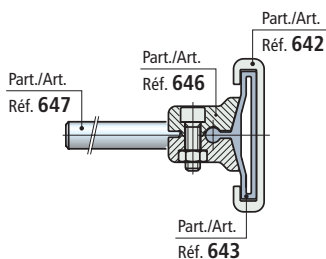
• Assembly of Part. 639



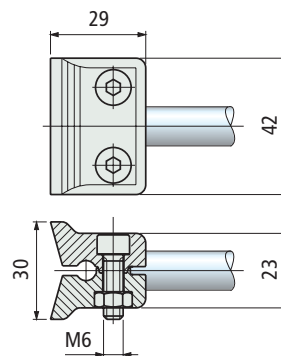
• Assembly of Part. 640



• Assembly of Part. 642



■ Guide-rail clamp



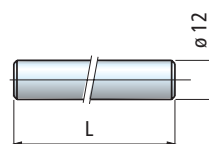
Part. 646



Part.	Code
646	652362

- Material : clamp in poliketone (black).
- Bolts and nuts in stainless steel.
- Packaging : 50 pieces.

■ Rod



Part. 647



Part.	L mm	Code	Weight kg
647	100	652372	0,09
	150	652382	0,13
	200	652392	0,18
	250	652402	0,22

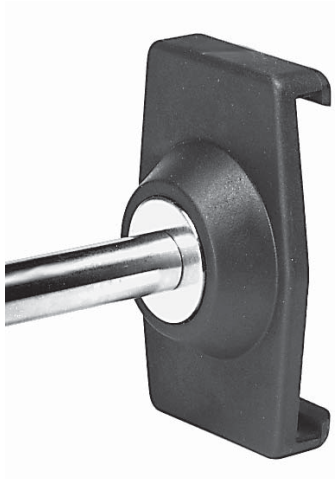
- Material : stainless steel AISI 430.
- Packaging : 50 pieces.

Guide-rail clamps for

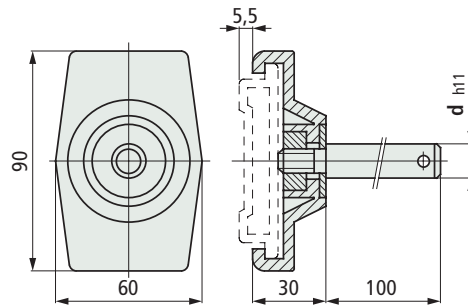
- Part. 191



Part. 190



■ Guide-rail clamp

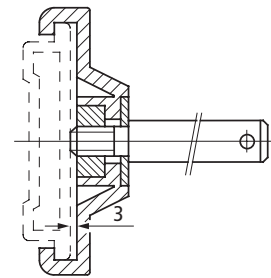


Part.	pin dia. d mm	Code	Weight kg
	12	55741	0,18
190	14	55751	0,22
	16	55761	0,25

- 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

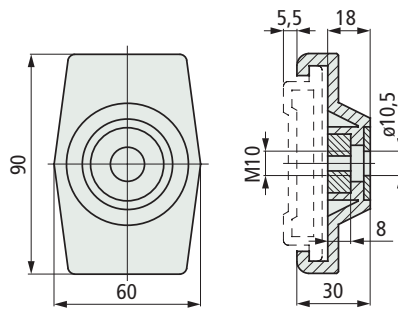
The protrusion of the pin allows the guide to be locked axially



Part. 184



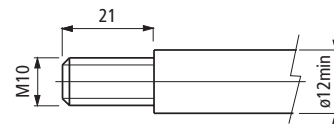
■ Guide-rail clamp



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

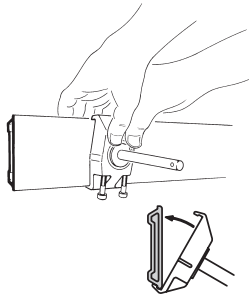


Guide-rail clamps for

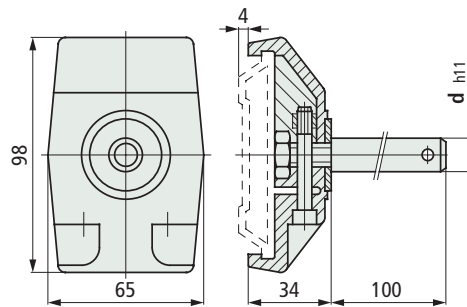
- Part. 296

• 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



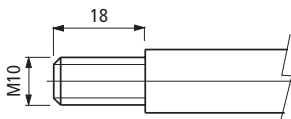
Part.	Pin dia. d mm	Code	Weight kg
	12	60372	0,12
298	14	60382	0,25
	16	60392	0,29

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

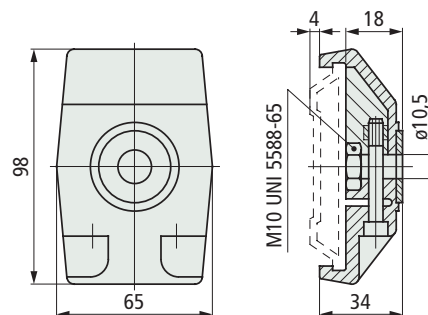
Part. 298



• Pin dimensions for Part. 298



■ Guide-rail clamp



Part.	Code	Weight kg
298	60362	0,12

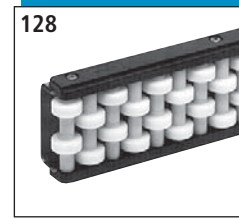
- Material : guide rail clamp in reinforced polyamide PA FV (black). Washer and tightening screws in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.
- Suitable to use in curves also

Part. 298



Guide-rail clamps for

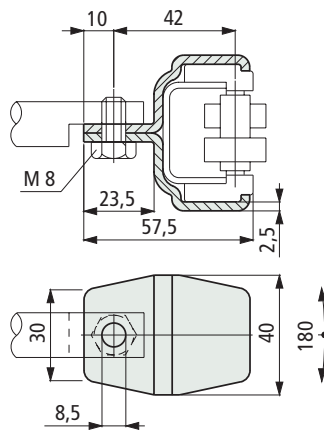
- Part. 128 S
- Part. 128



Part. 373



■ Guide-rail clamp



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

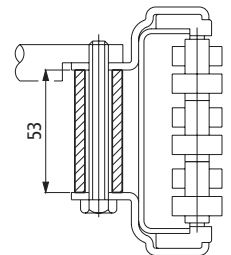
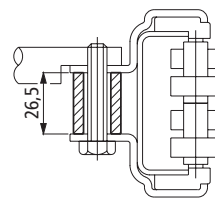
- Packaging : 50 pieces.
- Suitable to use in curves also.

• Assembly of Part. 373

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

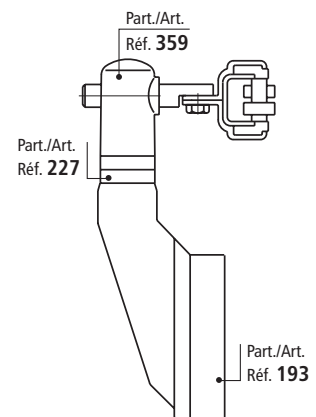
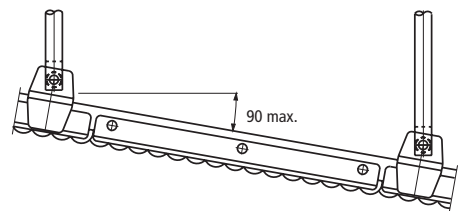
Spacer for double execution guide rail

Spacer for triple execution guide rail



Spacer not included

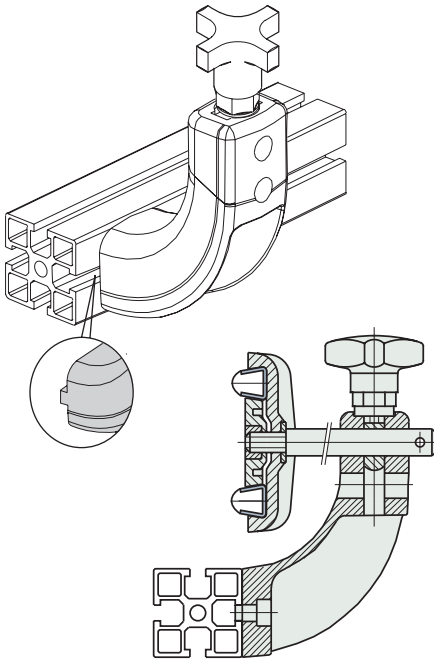
The clamp allow the guide to be mounted at an angle



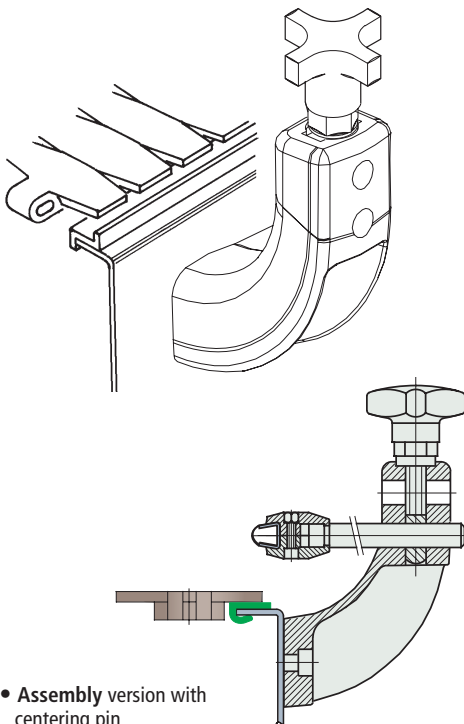
• **Characteristics of Part. 708**

- Bracket with a reduced structure-connecting size.
- Available with positioning guide for an easy assembly on aluminium sections.
- The two holes allows to position the guide-rail bracket in two different heights depending on specific requirements.

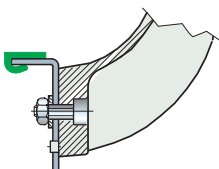
• **Assembly version with positioning guide**



• **Assembly version without positioning guide**

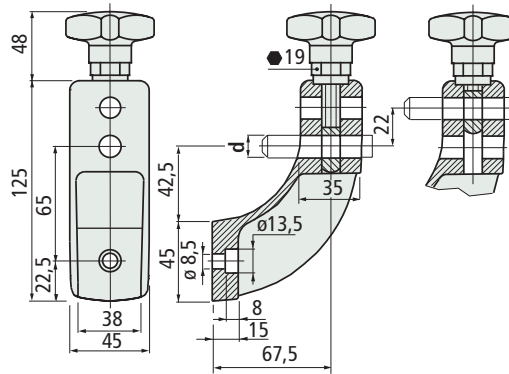


• **Assembly version with centering pin**

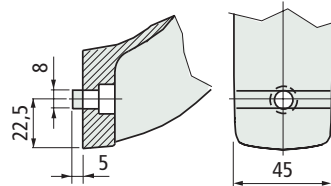


■ **Bracket with two holes**

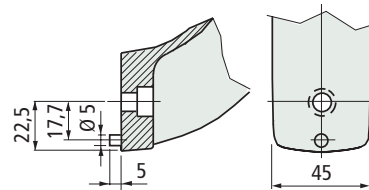
Version without positioning guide



Version with positioning guide



Version with centering pin



Part. 708



New Product

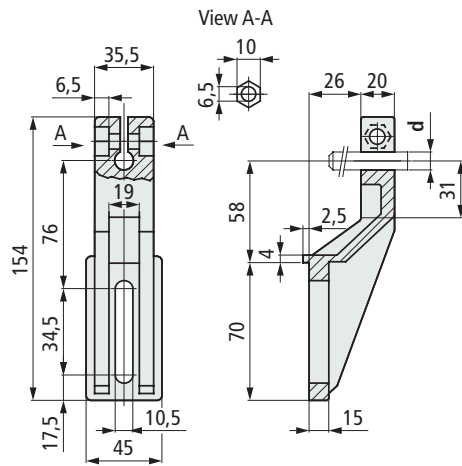
Part.	Pin dia. d mm	Code	Weight Kg
Version without positioning guide			
708	12	692502	0,23
	14	693092	
	16	692512	
Version with positioning guide			
708	12	692482	0,23
	14	693082	
	16	692492	
Version with centering pin			
708	12	605603	0,23
	14	605613	
	16	605623	

- Material : bracket and knob in reinforced polyamide PA FV (black). Hexagonal insert (for 19 mm wrench) in nickel plated brass. Eyebolt in stainless steel AISI 304.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 50 pieces.

Part. 81



Bracket



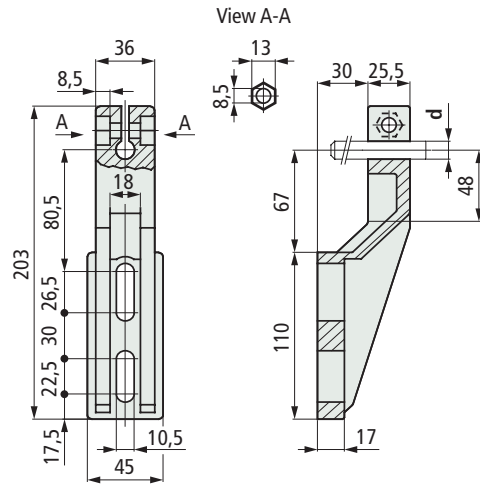
Part.	Material	Pin dia. d mm	Code	Weight kg
81	Polyamide PA (black)	12	50770	0,11
		14	50780*	

- 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

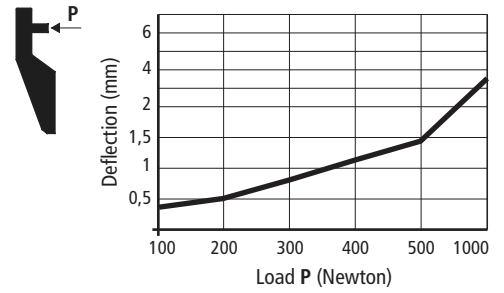


Part.	Material	Pin dia. d mm	Code	Weight kg
72	Polyamide PA (black)	14	50790	0,17
		16	50800	
	Reinforced polypropylene PP FV (nero)	14	57120	0,17
		16	57130*	

- 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



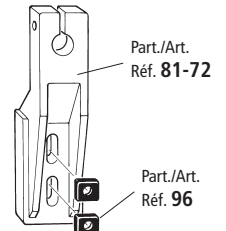
Technical data Part. 81

- Sliding load resistance : 1020 N (with d = 12) / 2000 N (with d = 14)
- Breaking load : 2500 N

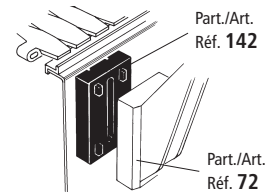
Tests performed at tightening torque : 0,6 Kgm

Accessories

Square washer Part. 96, see page S141. Applicable to Part. 81-72 distributes force from tightening over larger area.

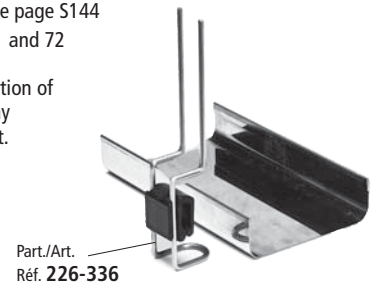


Spacer Part. 142, see page S142. Applicable to Part. 72

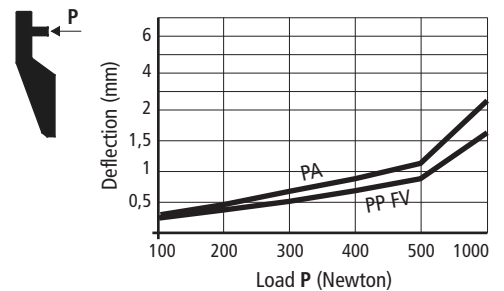


Assembly of drip tray support Part. 226-336, see page S144

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



Deflection of Part. 72

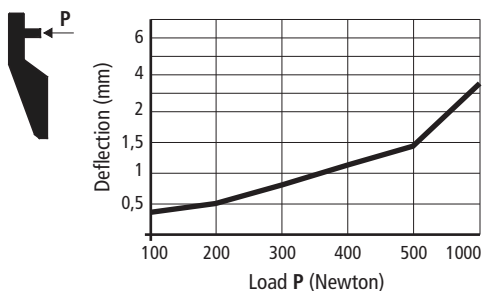


Technical data Part. 72

- 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

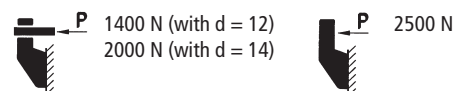
• Deflection of Part. 88



• Technical data Part. 88

- Sliding load resistance :

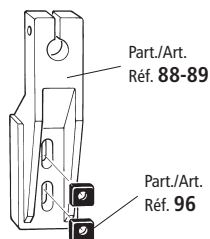
- Breaking load :



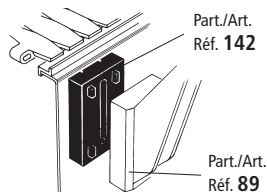
Tests performed at tightening torque : 0,6 Kgm

• Accessories

Square washer Part. 96, see page S141. Applicable to Part. 88-89 distributes force from tightening over larger area.

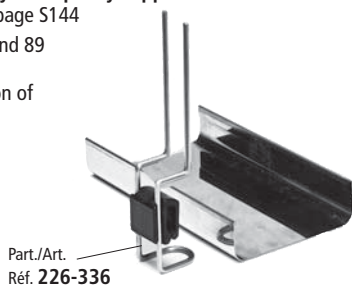


Spacer Part. 142, see page S142. Applicable to Part. 89

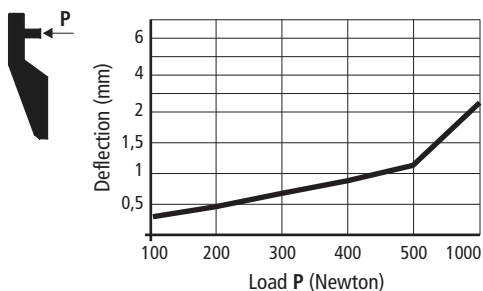


• Assembly of drip tray support Part. 226-336, see page S144

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



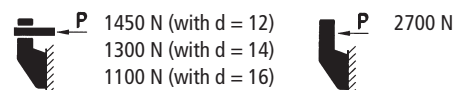
• Deflection of Part. 89



• Technical data Part. 89

- Sliding load resistance :

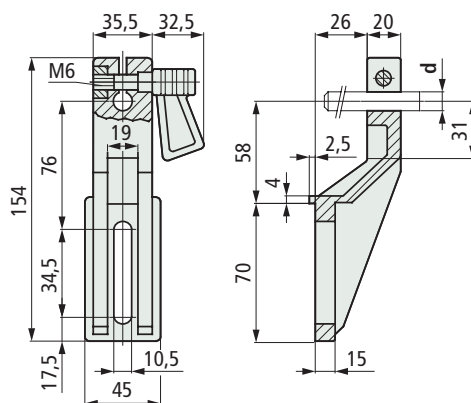
- Breaking load :



Tests performed at tightening torque : 0,6 Kgm

■ Bracket with ratchet handle clamping

Part. 88

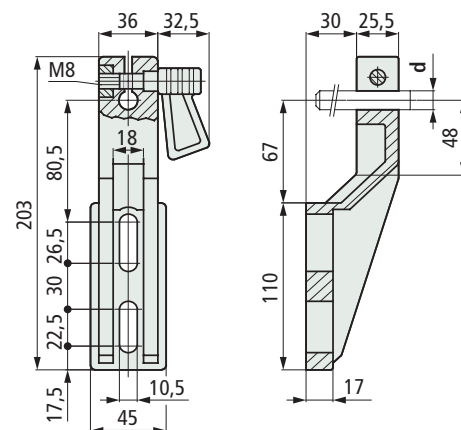


Part.	Material	Pin dia. d mm	Code	Weight kg
88	Polyamide PA (black)	12	50730	0,15
		14	50740	

- 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.

■ Bracket with ratchet handle clamping

Part. 89



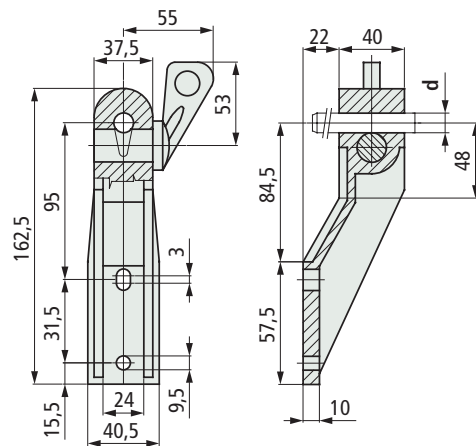
Part.	Material	Pin dia. d mm	Code	Weight kg
89	Polyamide PA (black)	12	69705	0,22
		14	50750	
		16	50760	

- 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. 85



Bracket with eccentric lever



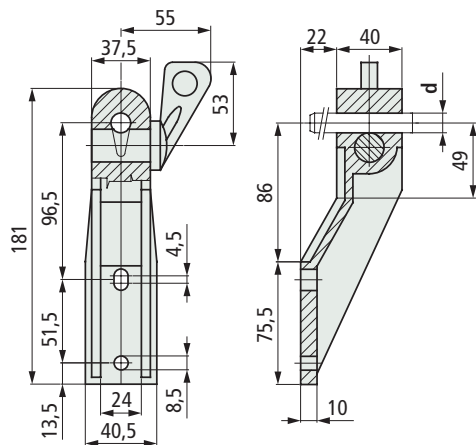
Part.	Material	pin dia. d mm	Code	Weight kg
85	Reinforced polypropylene PP FV (black)	12	50810	0,13
		14	50820	

- Packaging : 50 pieces.

Part. 10-97



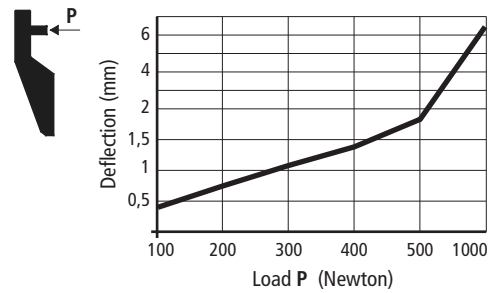
Bracket with eccentric lever



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.

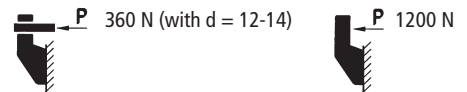
Deflection of Part. 85



Technical data Part. 85

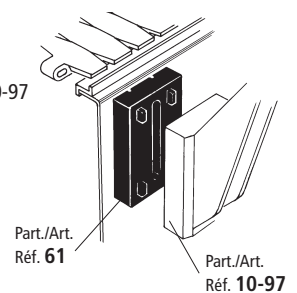
- Sliding load resistance :

- Breaking load:



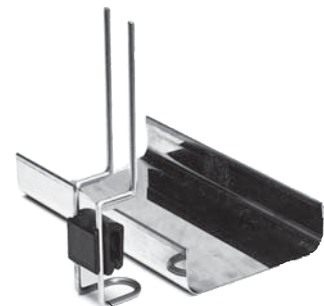
Accessories

Spacer Part. 61, see page S142.
Applicable to Part. 10-97

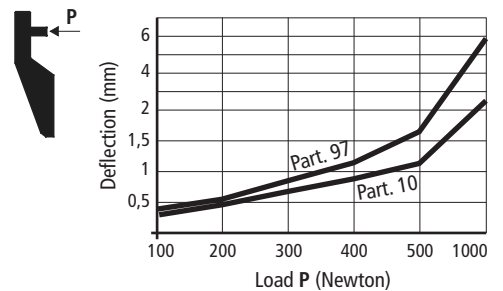


Assembly of drip tray support Part. 226-336, see page S144.

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



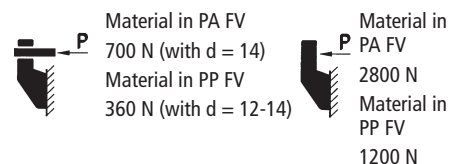
Deflection of Part. 10-97



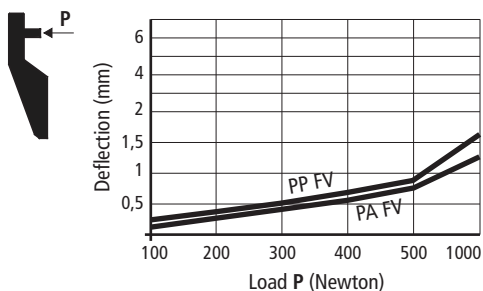
Technical data Part. 10-97

- Sliding load resistance :

- Breaking load :



• Deflection of Part. 107



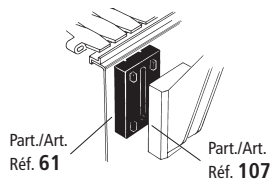
• Technical data Part. 107

- Sliding load resistance :	- Breaking load :
Material in PA FV 2000 N (with d = 12) 3200 N (with d = 14)	Material in PA FV 4500 N
Material in PP FV 1300 N (with d = 12) 1700 N (with d = 14)	Material in PP FV 3300 N

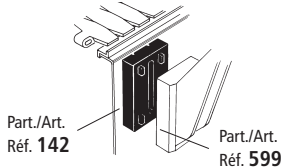
Tests performed at tightening torque : 4 Kgm

• Accessories

Spacer Part. 61,
see page S142.
Applicable to Part. 107

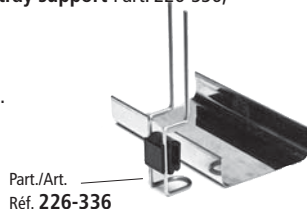


Spacer Part. 142,
see page S142.
Applicable to Part. 599



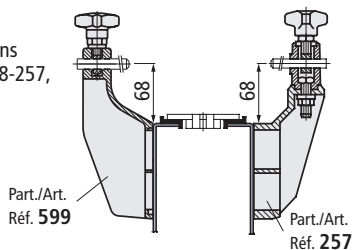
• Assembly of drip tray support Part. 226-336,

see page S144.
Part. 107 e 599
permit application
of drip tray support.

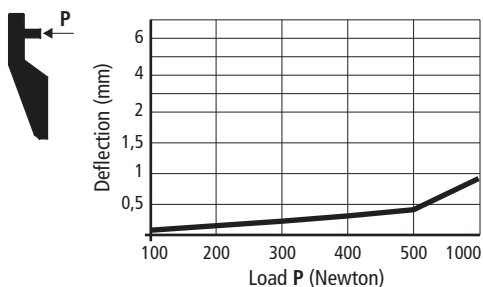


• Use Part. 599

Same dimensions
as Part. 163-178-257,
can be used
alternatively.



• Deflection of Part. 599

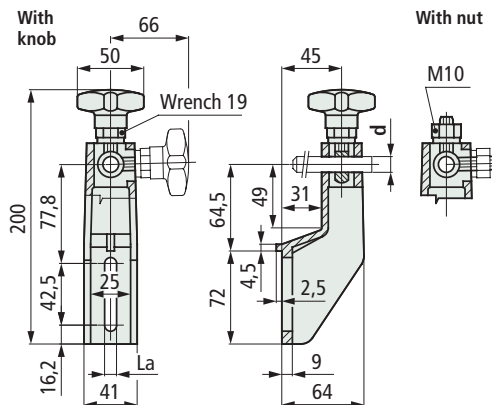


• Technical data Part. 599

- Sliding load resistance :	- Breaking load :
Material in PA FV 2000 N (with d = 12)	Material in PA FV 3000 N

Tests performed at tightening torque : 4 Kgm

■ Bracket with eyebolt

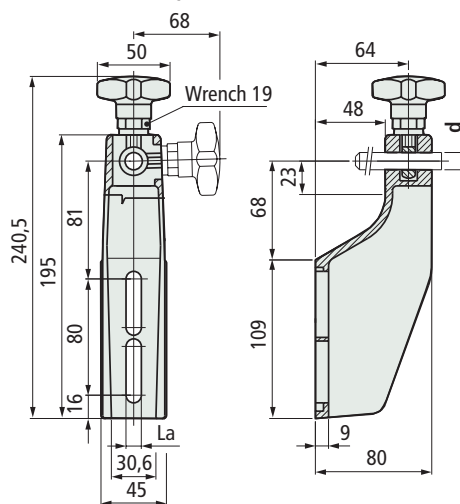


Part.	Material	Pin dia. d mm	Code		
			With Microban® La = 9	Without Microban® La = 9	Without Microban® La = 10,5
• With knob					
107	Reinforced polyamide PA FV	12	652052	50710	68200
		14	-	67811	67821
		16	-	655512	655522
107	Reinforced polypropylene PP FV	12	-	59121*	59131*
		14	-	67831*	67841*
		16	-	655532	655542
• With nut					
107	Reinforced polyamide PA FV	12	-	57341*	57351
		14	-	67771*	67781
		16	-	655552	655562
107	Reinforced polypropylene PP FV	12	-	59141	59151*
		14	-	67791	67801
		16	-	655572	655582

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

- Material : knob in reinforced polyamide, exagonal insert (for 19 mm wrench) in nickel plated brass, tightening nut and eyebolt in stainless steel AISI 304.
- Colour : grey (with Microban®), black (without Microban®).
- Weight : 0,15 Kg.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 50 pieces.

■ Bracket with eyebolt



Part.	Material	Pin dia. d mm	Code		Weight
			La = 9	La = 10,5	
599	Reinforced polyamide PA FV	12	611293	613572	0,11
		16	611303	655592	

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

Part. 107



Part. 599

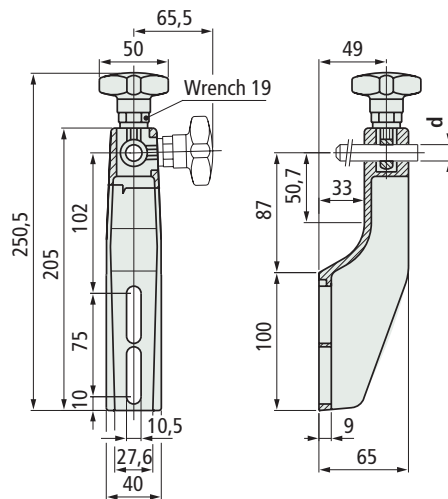


* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 617



■ Bracket with eyebolt



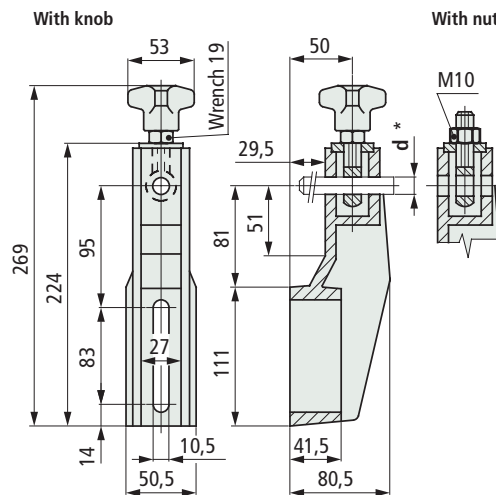
Part.	Material	Pin dia. d mm	Code	Weight kg
617	Reinforced polyamide PA FV (black)	12	613562	0,18
		16	655602	

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

Part. 140



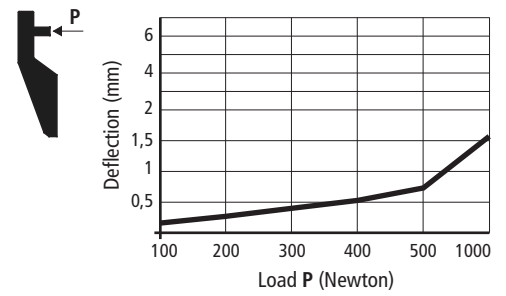
■ Bracket with eyebolt



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 dia. 14 and dia. 16 mm pins.
- Material : bracket and knob in reinforced polyamide (black), exagonal nut and eyebolt in stainless steel AISI 304.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

• Deflection of Part. 617



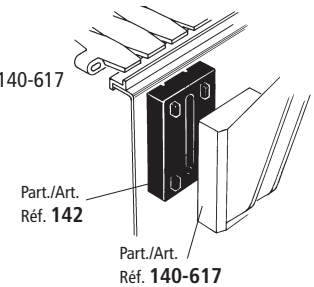
• Technical data Part. 617

- Sliding load resistance : 2000 N (with d = 12)
- Breaking load : 3000 N

Tests performed at tightening torque : 4 Kgm

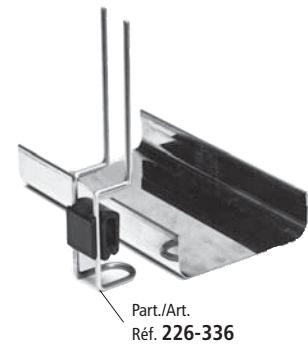
• Accessories

Spacer Part. 142, see page S142.
Applicable to Part. 140-617

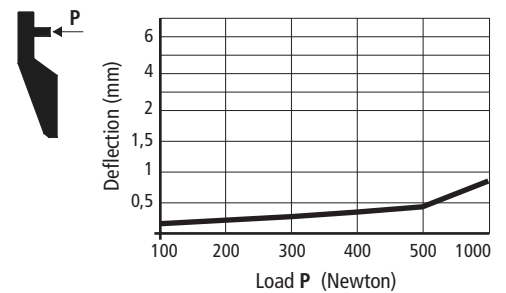


• Assembly of drip tray support Part. 226-336, see page S144

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



• Deflection of Part. 140

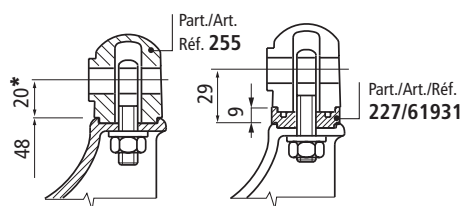


• Technical data Part. 140

- Sliding load resistance : 3000 N (with d = 14-16)
- Breaking load : 12000 N

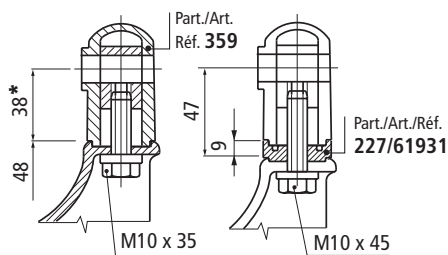
Tests performed at tightening torque : 4 Kgm

• Assembly with swivel head Part. 255



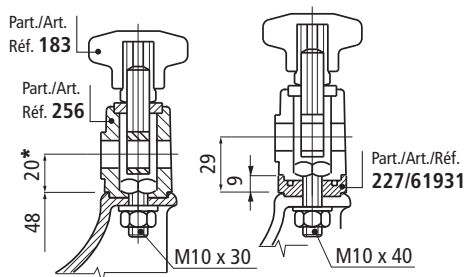
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

• Assembly with swivel head Part. 359



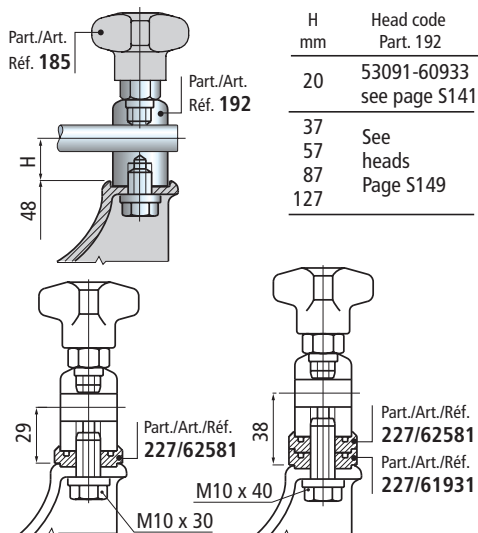
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

• Assembly with swivel head Part. 256



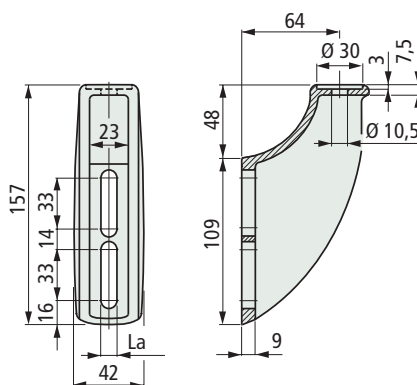
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

• Assembly with swivel head Part. 192



To use the spacer Part. 227, it is necessary a longer screw.

■ Adjustable bracket



Part.	La mm	Code	Weight kg
632	9	605263*	0,21
	10,5	647142	

* = New product

- Material : reinforced polyamide PA FV (black)

- Packaging : 50 pieces.

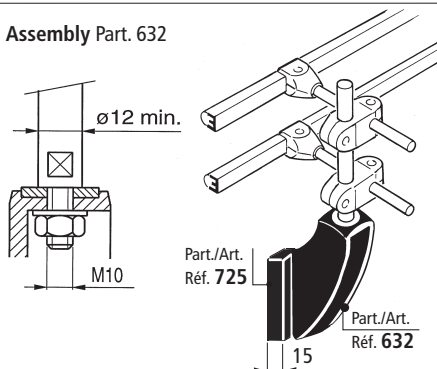
- Accessories : spacer Part. 725.

Part. 632

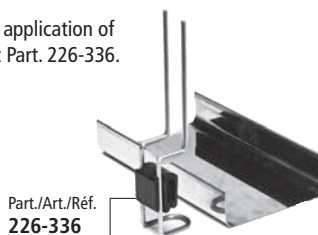


Replace part. 193

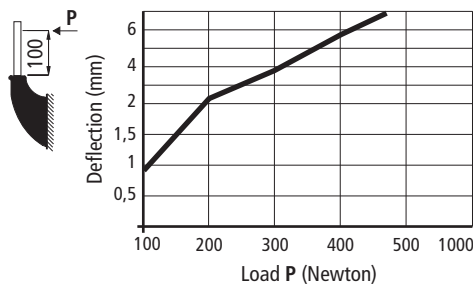
• Assembly Part. 632



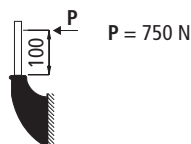
• Part. 632 permit application of drip tray support Part. 226-336.



• Deflection of Part. 632



• Breaking load P

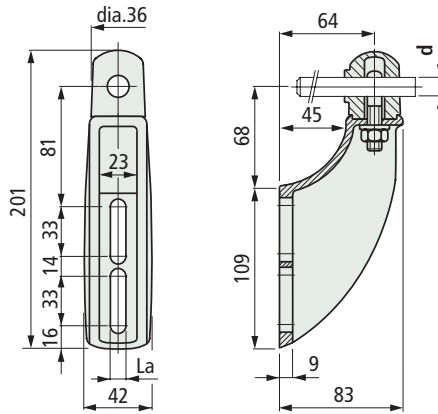


Part. 635



Replace part. 163

Adjustable bracket

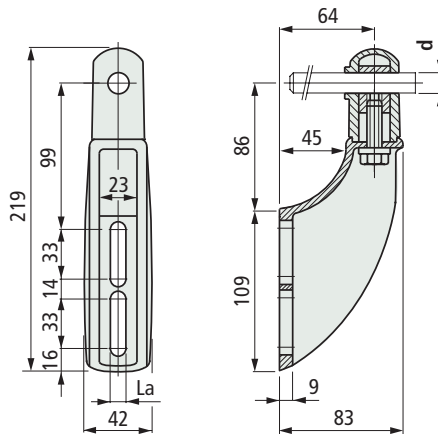


Part.	Pin dia. d mm	Code		Weight kg
		La=9 mm	La=10,5 mm	
635	12	610893*	648312	0,30
	14	610903*	648322	
	16	610913*	648332	

* = New product

- Material : bracket and swivel head in reinforced Polyamide PA FV (black). Eyebolt and 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 : 50 pieces.

Adjustable bracket

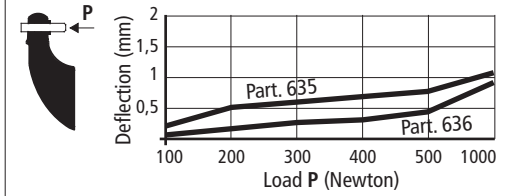


Part.	Pin dia. d mm	Code		Weight kg
		La=9 mm	La=10,5 mm	
636	12	610923*	648342	0,30
	14	610933*	648352	
	16	610943*	648362	

* = New product

- Material : bracket and swivel head in reinforced Polyamide PA FV (black), eyebolt in nickel plated brass, tightening screw in stainless steel AISI 304.
- Operation : by untightening the screw, the position of the top and the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 50 pieces.

Deflection of Part. 635 - 636



Technical data Part. 635 - 636

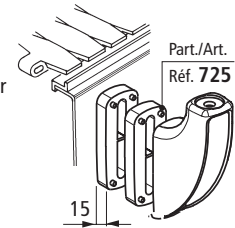
- Sliding load resistance :

- Breaking load :

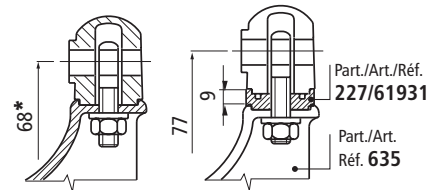
Part.	Sliding load resistance	Breaking load
Part. 635	2000 N (with d = 12)	4000 N
	3000 N (with d = 14-16)	
Part. 636	2000 N (with d = 12)	3000 N
	2500 N (with d = 14-16)	

Tests performed at tightening torque : 4 Kgm

- Part. 635-636 permit application of 1 or more spacer Part. 725.

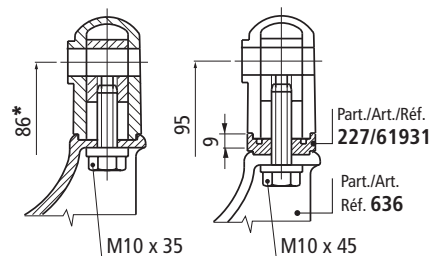


- Part. 635 permit application of spacer Part. 227. See page S141.



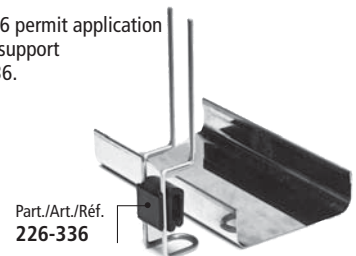
- * = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

- Part. 636 permit application of spacer Part. 227. See page S141.

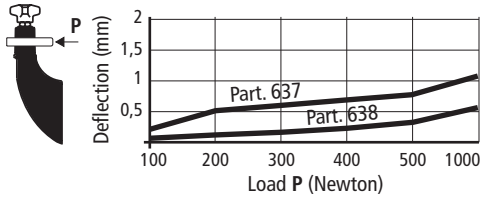


- * = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer Part. 277 it is necessary a longer screw.

- Part. 635-636 permit application of drip tray support Part. 226-336.

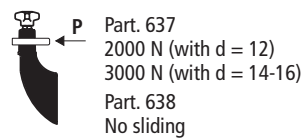


• Deflection of Part. 637 - 638

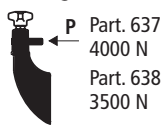


• Technical data Part. 637 - 638

- Sliding load resistance :

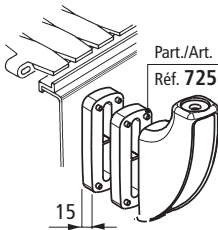


- Breaking load :

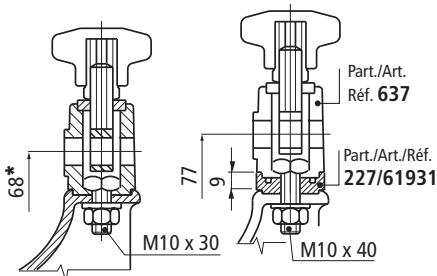


Tests performed at tightening torque : 4 Kgm

- Part. 637-638 permit application of 1 or more spacer Part. 725.

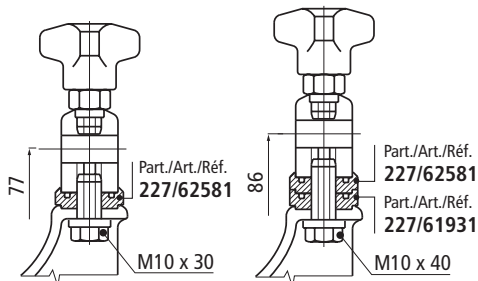


- Part. 637 permit application of spacer Part. 227. See page S141.



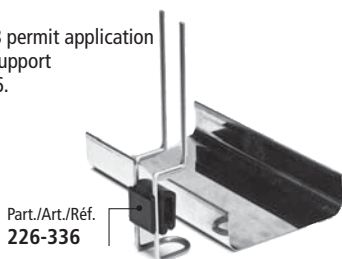
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

- Part. 638 permit application of spacer Part. 227. See page S141.

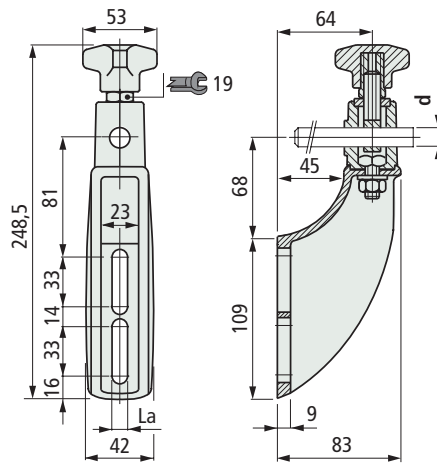


To use the spacer Part. 227 it is necessary a longer screw.

- Part. 637-638 permit application of drip tray support Part. 226-336.



■ Adjustable bracket



Part.	Pin dia. d mm	Code	Code	Weight kg
		La=9 mm	La=10,5 mm	
637	12	605423*	648372	040
	14	605433*	648382	
	16	605443*	648392	

* = New product

- Material : bracket, swivel head and knob in reinforced polyamide (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.

Part. 637

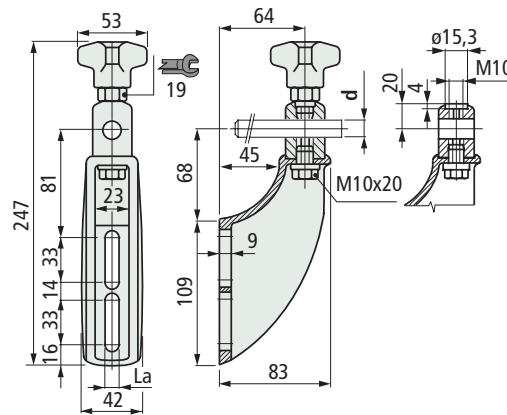


Replace part. 257

■ Adjustable bracket

With knob

Without knob



Part.	Pin dia. d mm	Swivel head material	Code	Code	Weight kg
			La=9 mm	La=10,5 mm	
638	14÷16	Stainless steel AISI 303	610953*	648402	0,50
		Nickel plated brass	610963*	648412	
Without knob					
638	14÷16	Stainless steel AISI 303	610973*	648422	0,50
		Nickel plated brass	610983*	648432	

* = New product

- 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. 638



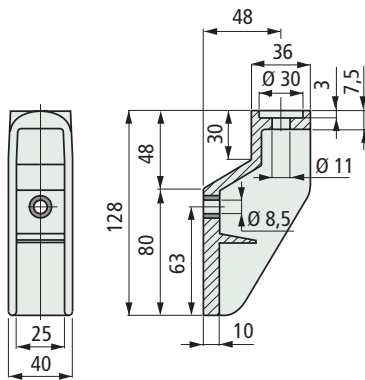
Replace part. 178

Stainless steel and brass swivel head

Part. 648



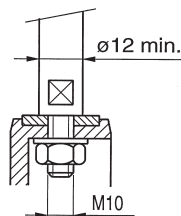
Adjustable bracket



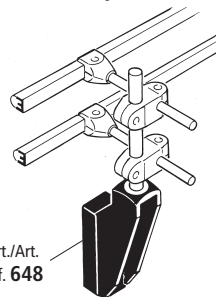
Part.	Material	Code	Weight kg
648	Reinforced polyamide PA FV (black)	653112	0,12

- Packaging : 50 pieces.

Pin dimensions for Part. 648

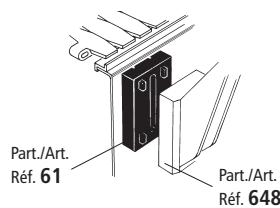


Assembly of Part. 648

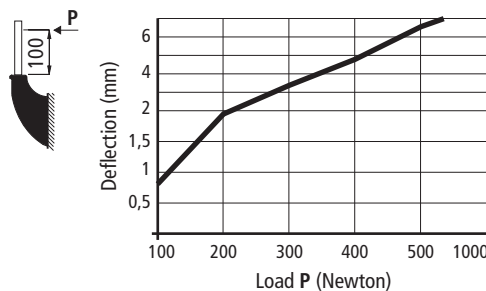


Accessories

Spacer Part. 61, see page S142. Applicable to Part. 648

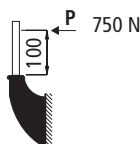


Deflection of Part. 648

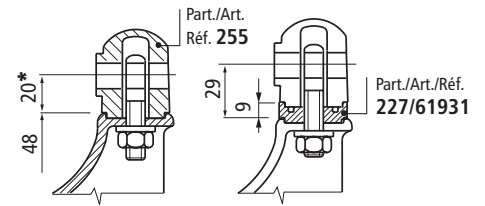


Technical data Part. 648

- Breaking load : 750 N

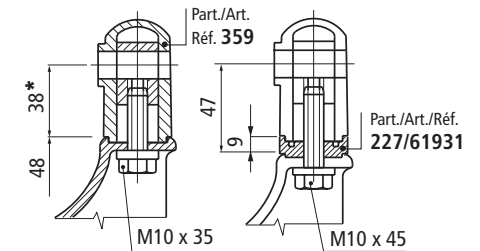


Assembly with swivel head Part. 255



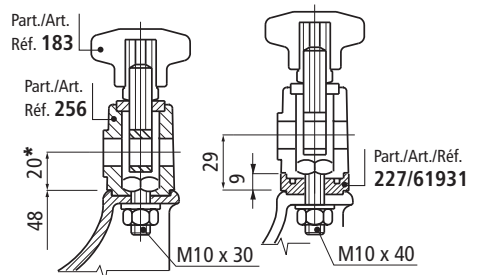
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

Assembly with swivel head Part. 359



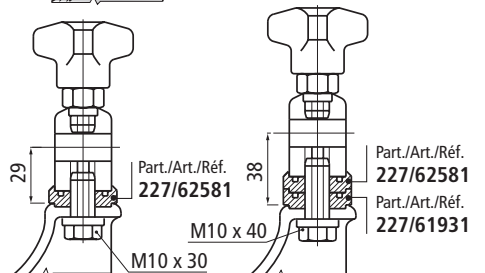
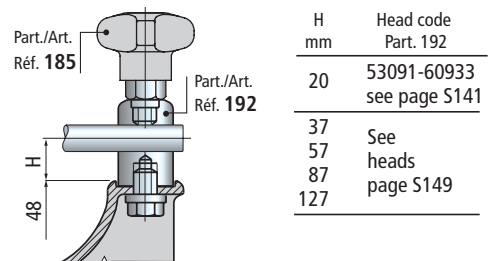
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

Assembly with swivel head Part. 256



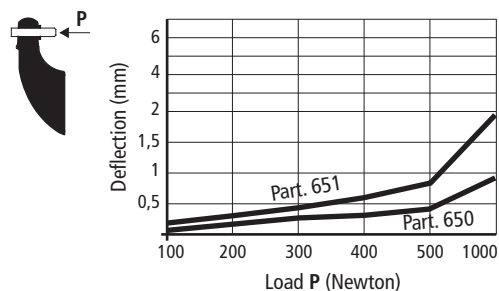
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

Assembly with swivel head Part. 192



To use the spacer Part. 277 it is necessary a longer screw.

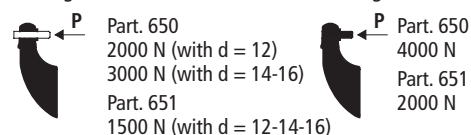
• Deflection of Part. 650 - 651



• Technical data Part. 650 - 651

- Sliding load resistance :

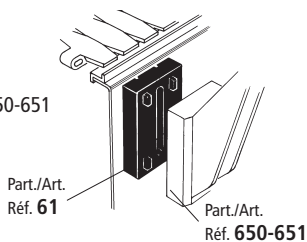
- Breaking load :



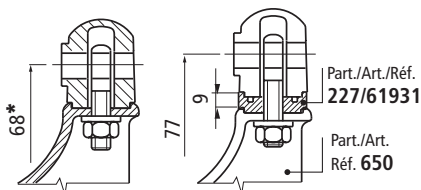
Tests performed at tightening torque : 4 Kgm

• Accessories

Spacer Part. 61, see page S142.
Applicable to Part. 650-651

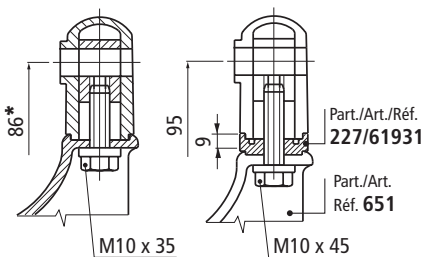


• Part. 650 permit application of spacer Part. 227. See page S141.



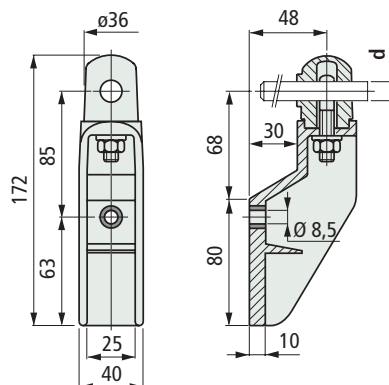
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

• Part. 651 permit application of spacer Part. 227. See page S141



* = 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.

■ Adjustable bracket



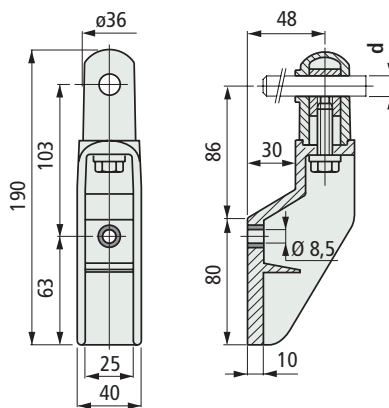
Part.	Material	Pin dia. d mm	Code	Weight kg
650	Reinforced polyamide PA FV (black)	12	653802	0,19
		14	653812	
		16	653822	

- 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. 650



■ Adjustable bracket



Part.	Material	Pin dia. d mm	Code	Weight kg
651	Reinforced polyamide PA FV (black)	12	653832	0,26
		14	653842	
		16	653852	

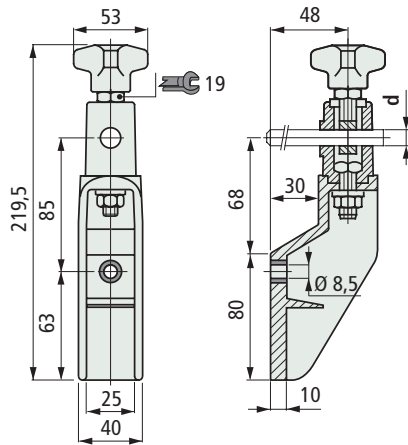
- Material : bracket and swivel head in reinforced polyamide (black), eyebolt in nickel plated brass, tightening screw in stainless steel AISI 304.
- Operation : by untightening the screw, the position of the top and the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging :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

Part. 651



Part. 652

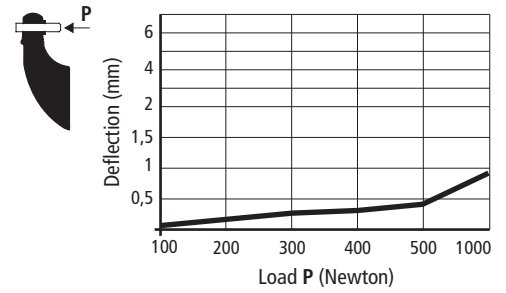
■ Adjustable bracket



Part.	Material	pin dia. d mm	Code	Weight kg
652	Reinforced polyamide PA FV (black)	12	653862	0,31
		14	653872	
		16	653882	

- 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. 652



• Technical data Part. 652

- Sliding load resistance :

2000 N (with d = 12)
3000 N (with d = 14-16)

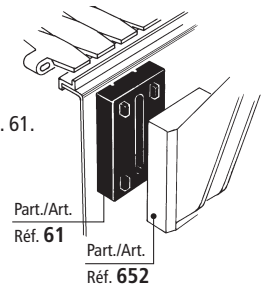
- Breaking load :

4000 N

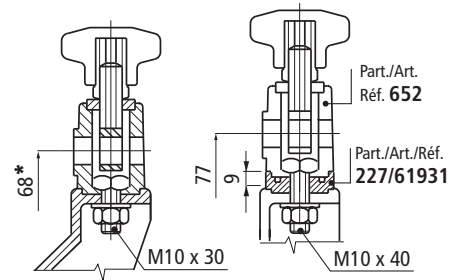
Tests performed at tightening torque : 4 Kgm

• Accessories

Part. 652 permit application of 1 or more spacer Part. 61.

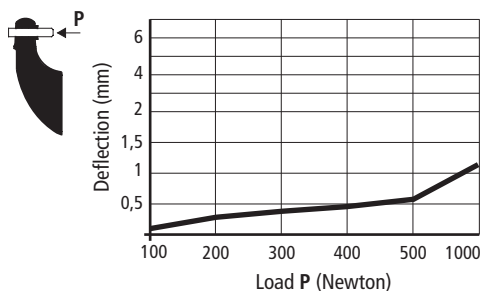


• Part. 652 permit application of spacer Part. 227. See page S141.



* = 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.

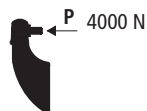
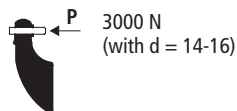
• Deflection of Part. 652 - 653



• Technical data Part. 653

- Sliding load resistance :

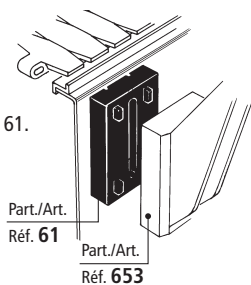
- Breaking load :



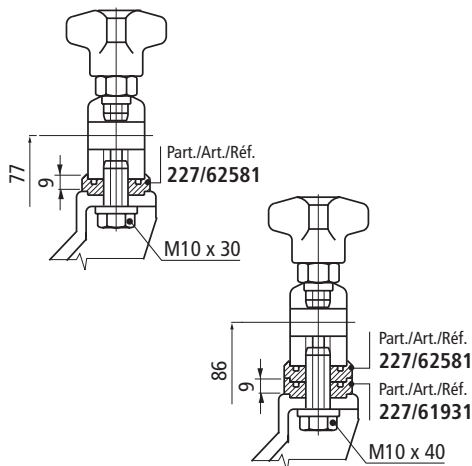
Tests performed at tightening torque : 4 Kgm

• Accessories

Part. 653 permit application of 1 or more spacer Part. 61.



• Part. 653 permit application of spacer Part. 227. See page S141.

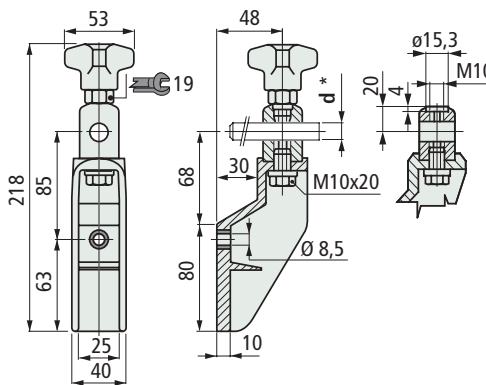


To use the spacer Part. 277 it is necessary a longer screw.

■ Adjustable bracket

With knob

Without knob



Part. 653

Stainless steel and brass swivel head

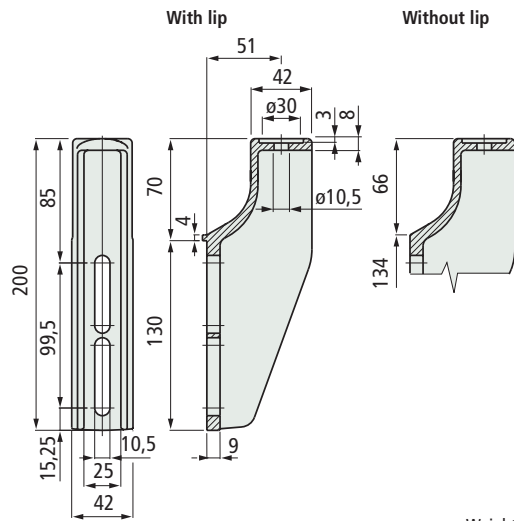
Part.	Pin dia. d* mm	Swivel head material	Code	Weight kg
• With knob				
653	14÷16	Stainless steel AISI 303	653892	0,41
		Nickel plated brass	653902	
• Without knob				
653	14÷16	Stainless steel AISI 303	653912	0,41
		Nickel plated brass	653922	

- * = 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. 540



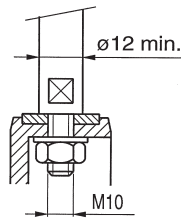
Adjustable bracket



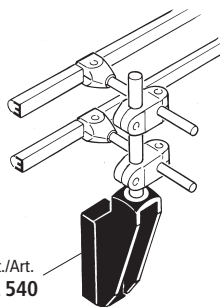
Part.	Version	Code	Weight kg
540	With lip	683551	0,15
	Without lip	683541	

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

Pin dimensions for Part. 540

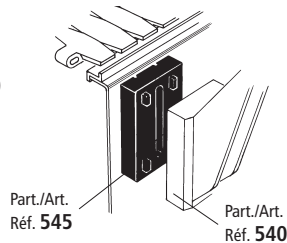


Assembly of Part. 540



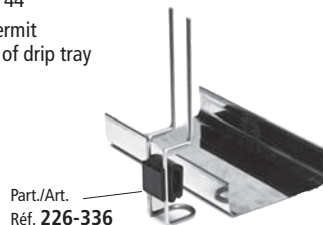
Accessories

Spacer Part. 545, see page S143. Applicable to Part. 540

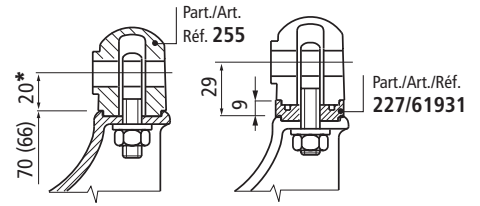


Assembly of drip tray support Part. 226-336, see page S144

Part. 540 permit application of drip tray support

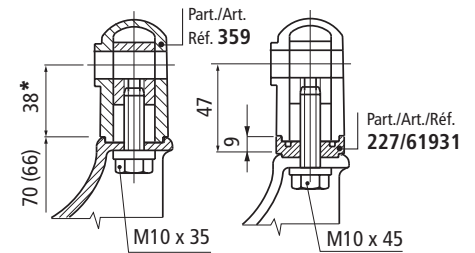


Assembly with swivel head Part. 255



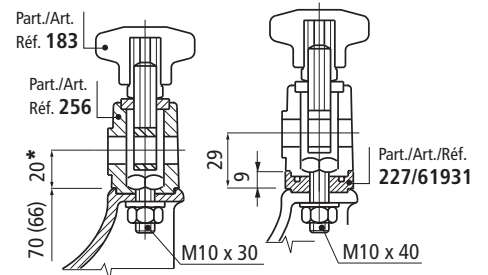
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

Assembly with swivel head Part. 359



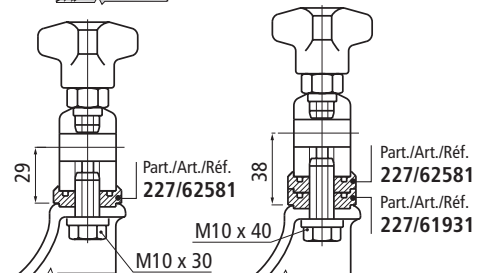
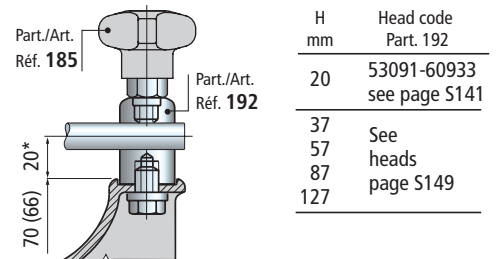
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

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.

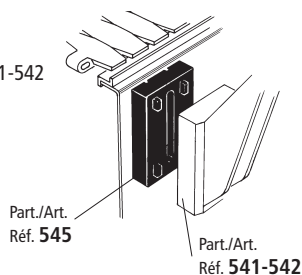
Assembly with swivel head Part. 192



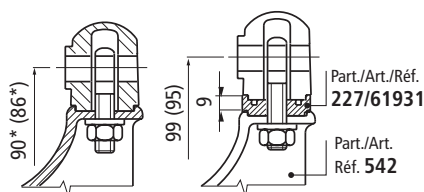
To use the spacer Part. 227 it is necessary a longer screw.

Accessories

Spacer Part. 545,
see page S143.
Applicable to Part. 541-542

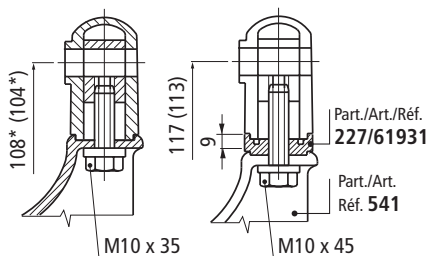


- Part. 542 permit application of spacer Part. 227.
See page S141.



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

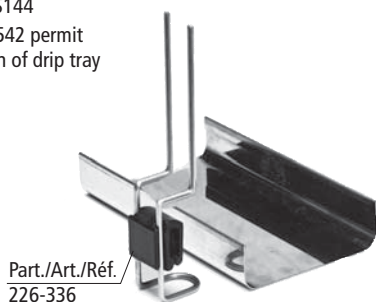
- Part. 541 permit application of spacer Part. 227.
See page S141.



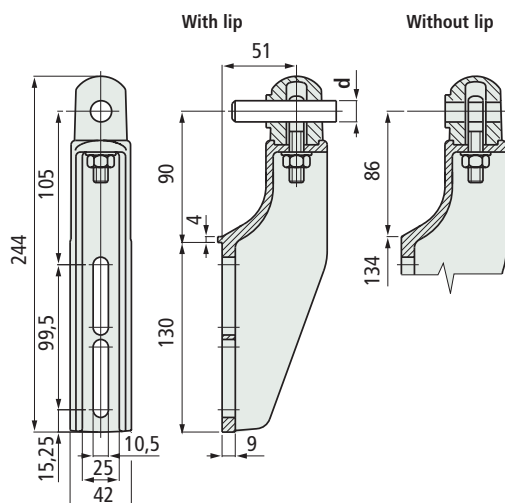
* = To increase the height (by 9 mm) use 1 or more spacer
Part. 227 code 61931.
To use the spacer it is necessary a longer screw.

- Assembly of drip tray support Part. 226-336,
see page S144

Part. 541-542 permit
application of drip tray
support.



Adjustable bracket



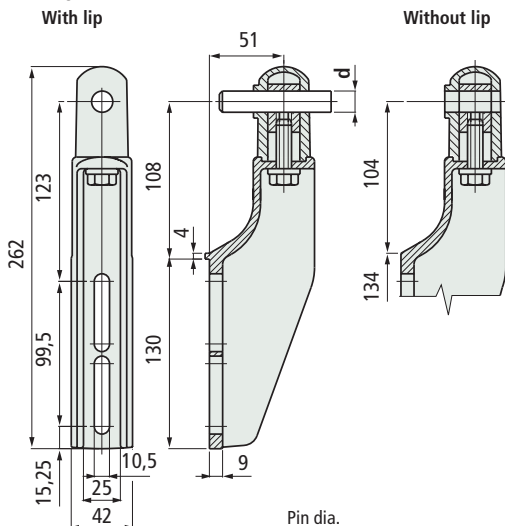
Part.	Version	Pin dia. d mm	Code	Weight kg
542	With lip	12	683611	0,15
		14	683621	
		16	683631	
	Without lip	12	683581	
		14	683591	
		16	683601	

- 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



Part.	Version	Pin dia. d mm	Code	Weight kg
541	With lip	12	689031	0,15
		14	689051	
		16	683571	
	Without lip	12	689021	
		14	689041	
		16	683561	

- Material : bracket and swivel head in reinforced polyamide (black), eyebolt in nickel plated brass, tightening screw in stainless steel AISI 304.
- Operation : by untightening the screw, the position of the top and the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

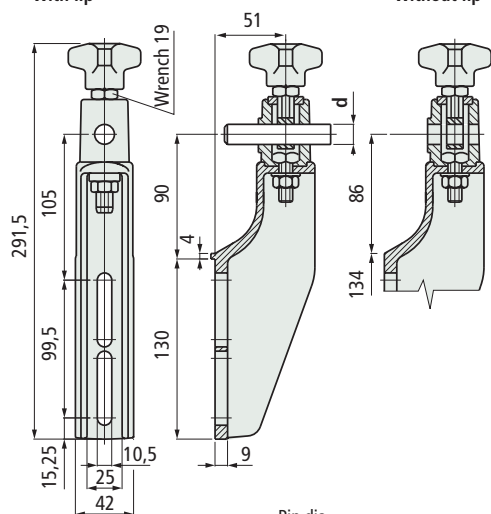
Part. 541



Part. 544



Adjustable bracket
With lip

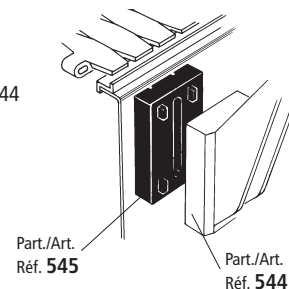


Part.	Version	Pin dia. d mm	Code	Weight kg
544	With lip	12	683731	0,15
		14	683741	
	16	683751		
	Without lip	12	683701	
14		683711		
16		683721		

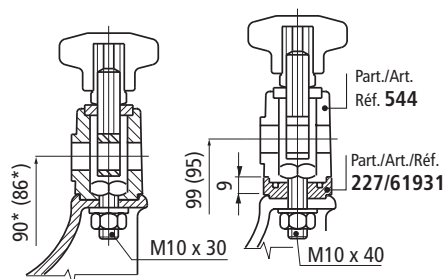
- Material : bracket, swivel head and knob in reinforced polyamide (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, eyebolt and tightening nuts/bolt in stainless steel AISI 304.
- Operation : by untightening the bolt, the position of the top can be adjusted. By untightening the knob, the position of the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

Accessories

Spacer Part. 545, see page S143.
Applicable to Part. 544



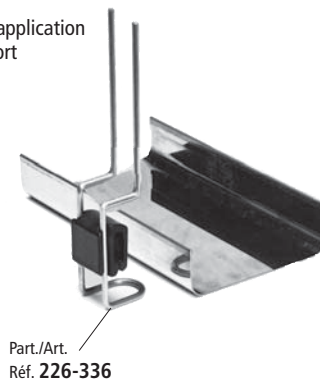
Part. 544 permit application of spacer Part. 227. See page S141.



* = 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.

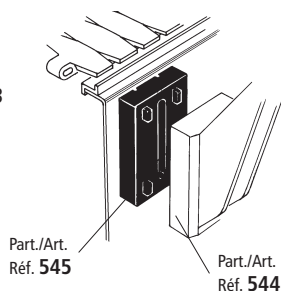
Assembly of drip tray support Part. 226-336, see page S144

Part. 544 permit application of drip tray support



Accessories

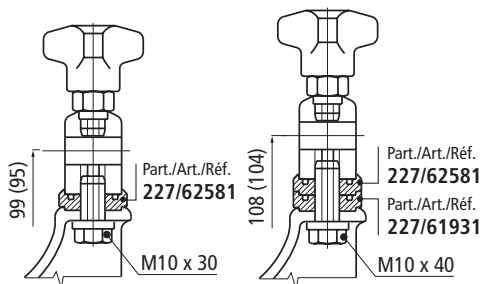
Spacer Part. 545, see page S143. Applicable to Part. 543



Part./Art. Réf. 545

Part./Art. Réf. 544

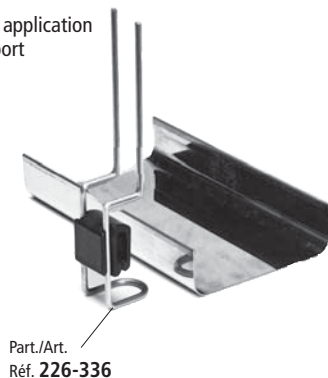
Part. 543 permit application of spacer Part. 227. See page S141.



To use the spacer Part. 277 it is necessary a longer screw.

Assembly of drip tray support Part. 226-336, see page S144

Part. 543 permit application of drip tray support

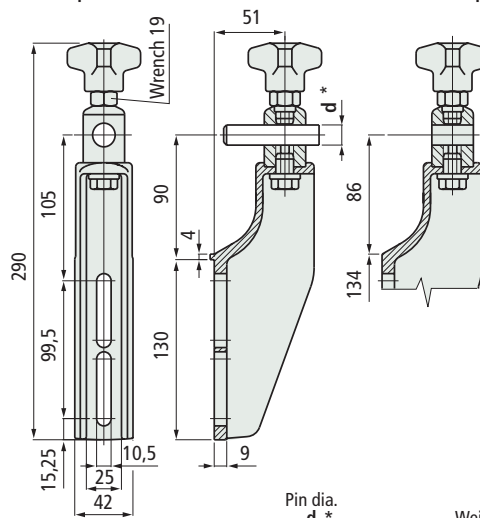


Part./Art. Réf. 226-336

Adjustable bracket

With lip

Without lip



Part. Swivel head material Pin dia. d* mm Code Weight kg

With lip

543	Stainless steel AISI 303	14÷16	683671	0,15
	Nickel plated brass		683691	

Without lip

543	Stainless steel AISI 303	14÷16	683641	0,15
	Nickel plated brass		683661	

* = 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



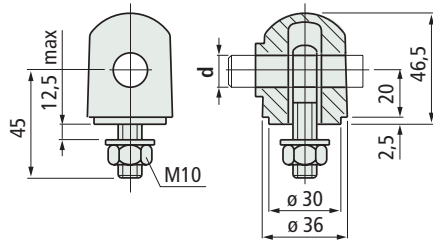
Stainless steel and brass swivel head

Accessories

Part. 255



■ Swivel head



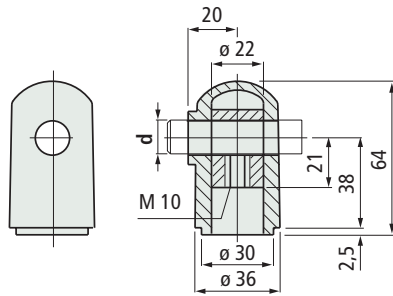
Part.	Material	Pin dia. d mm	Code	Weight kg
255	Reinforced polyamide PA FV (black)	12	69670	0,08
		14	69680	
		16	59041	

- Material : tightening nut and eyebolt in stainless steel AISI 304.
- Packaging : 50 pieces.

Part. 359



■ Swivel head



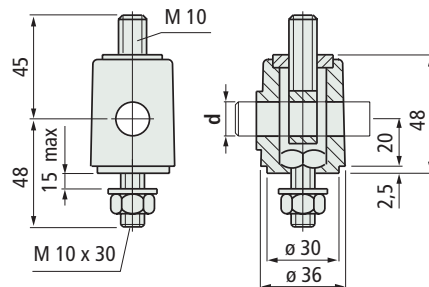
Part.	Material	Pin dia. d mm	Code	Weight kg
359	Reinforced polyamide PA FV (black)	12	684501	0,10
		14	684511	
		16	64235	

- Material : eyebolt in nickel plated brass.
- Packaging : 50 pieces.

Part. 256



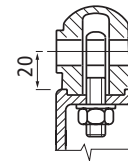
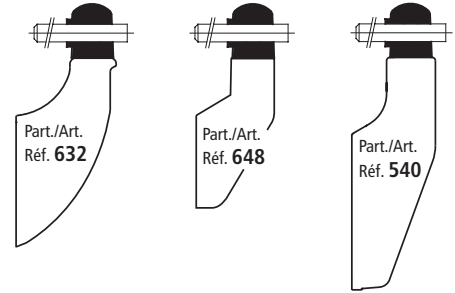
■ Swivel head



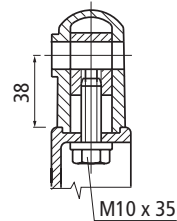
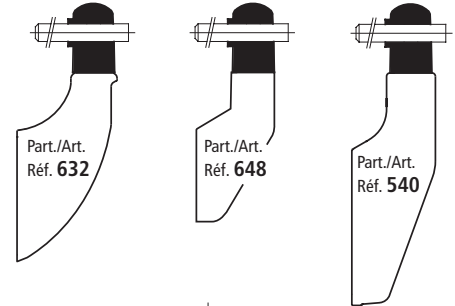
Part.	Material	Pin dia. d mm	Code	Weight kg
256	Reinforced polyamide PA FV (black)	12	64561	0,12
		14	64571	
		16	64581	

- Material : tightening nut and eyebolt in stainless steel AISI 304.
- Packaging : 50 pieces.

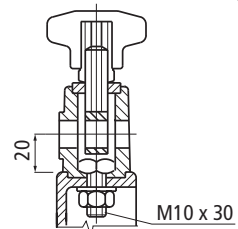
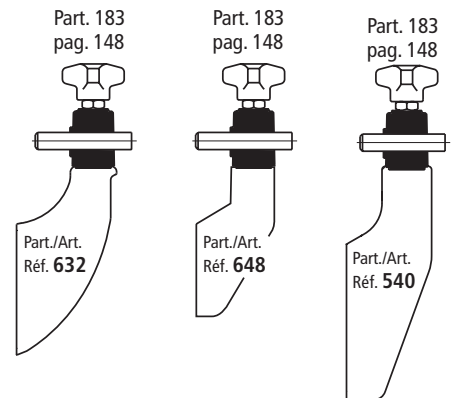
• Assembly of Part. 255
Applicable to brackets Part. 632-648-540



• Assembly of Part. 359
Applicable to brackets Part. 632-648-540

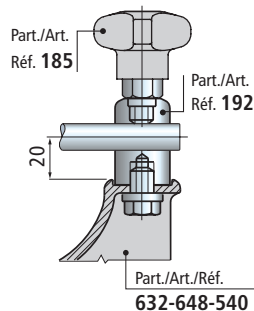


• Assembly of Part. 256
Applicable to brackets Part. 632-648-540
(in combination with knob Part. 183).



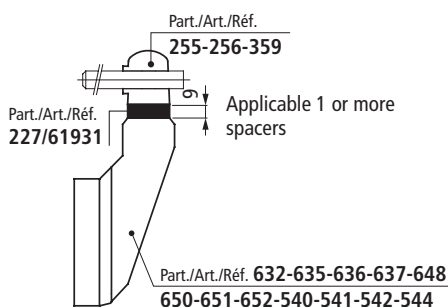
• **Assembly of Part. 192**

Applicable to brackets Part. 632-648-540 (in combination with knob Part. 185).



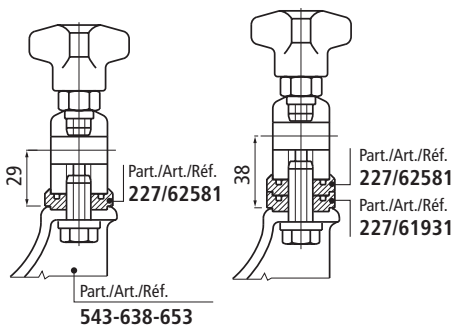
• **Assembly of Part. 227 code 61931**

- Applicable to adjustable brackets.



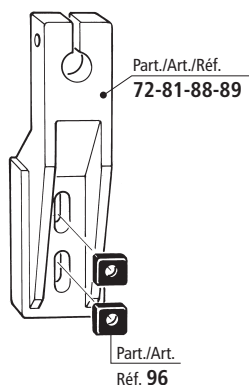
• **Assembly of Part. 227 code 62581**

- Applicable only to adjustable brackets Part. 543-638-653 (version with metal head).

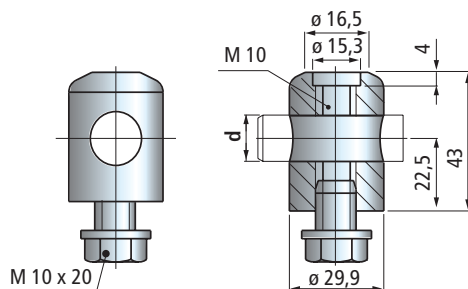


• **Assembly of Part. 96**

Applicable to Part. 72-81-88-89 distributes force from tightening over larger area.



■ **Swivel head**



Part.	Pin dia. d mm	Material	Code	Weight kg
192	12 (1/2")	Stainless steel AISI 303	608683●	0,19
	14÷16 *	Stainless steel AISI 303	53091	
		Nickel plated brass	60933	

● = New Product

* = 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.

Part. 192

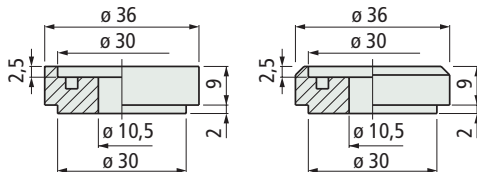


In stainless steel and brass

■ **Spacer**

Code : 61931

Code : 62581



Part.	Use	Code	Weight kg
61931	With any adjustable bracket or bearing head	61931	
227	For adjustable bracket Part. 178-543 638-653 or bearing head Part. 192	62581	0,01

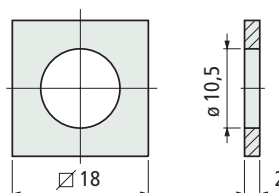
- Material : Reinforced polyamide PA FV (black).

- Packaging : 50 pieces.

Part. 227



■ **Square washer**

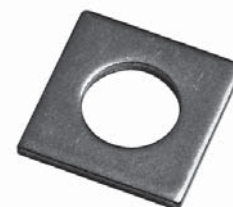


Part.	Code
96	51550

- Material : stainless steel AISI 304.

- Packaging : 200 pieces.

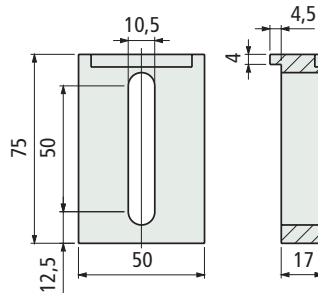
Part. 96



Part. 61



■ **Spacer**
With lip



Without lip



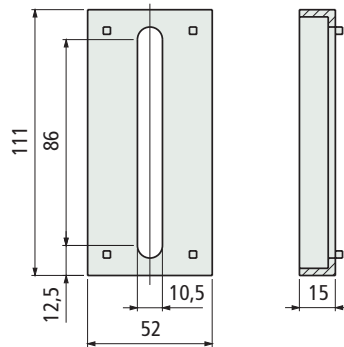
Part.	Version	Code	Weight kg
61	With lip	66194N	0,04
	Without lip	50870N	

- Material : reinforced polyamide PA FV (black).
- Packaging : 50 pieces.

Part. 142



■ **Spacer**

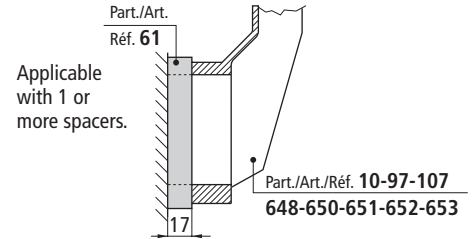


Part.	Code	Weight kg
142	65870	0,06

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

• **Assembly of Part. 61**

Applicable to Part. 10-97-107-648-650-651-652-653.

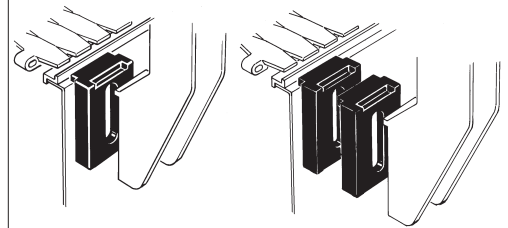


Applicable with 1 or more spacers.

Advantages of version with lip :

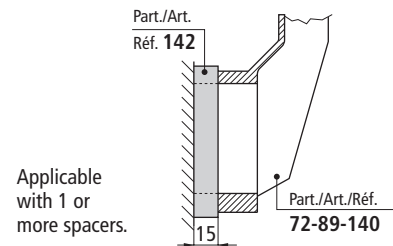
Possibility of resting on side of conveyor frame.

Possibility of assembling several spacers, all centred.

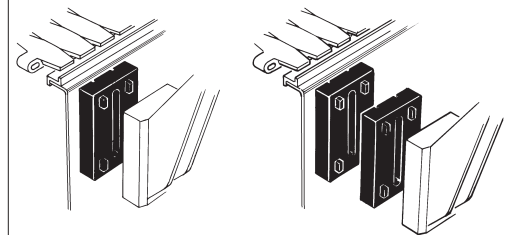


• **Assembly of Part. 142**

Applicable to Part. 72-89-140.



Applicable with 1 or more spacers.



• **Assembly of drip tray support**

Part. 226-336, see S144 pag. S144

Part. 61-142 permit application of drip tray support

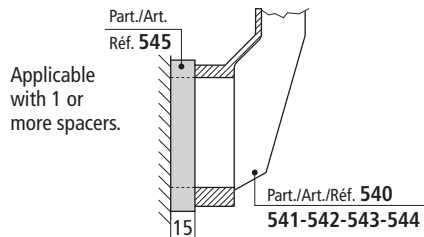


Part./Art./Réf. 226-336

Guide - Rail Brackets

• Assembly of Part. 545

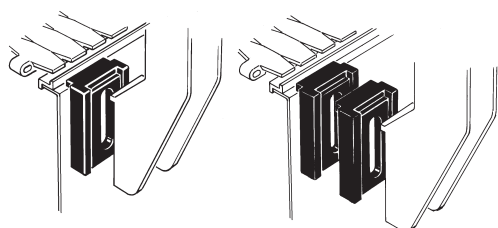
Applicable to Part. 540-541-542-543-544.



Advantages of version with lip :

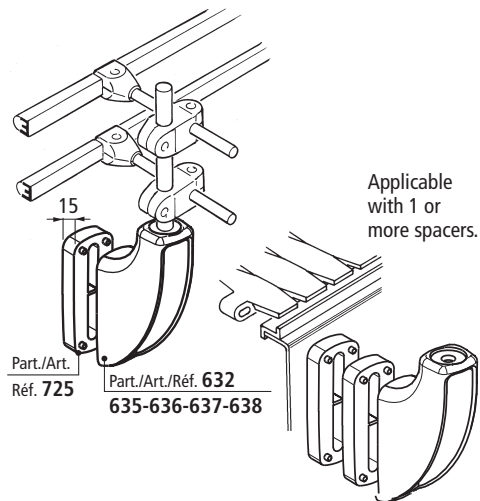
Possibility of resting on side of conveyor frame.

Possibility of assembling several spacers, all centred.



• Assembly of Part. 725

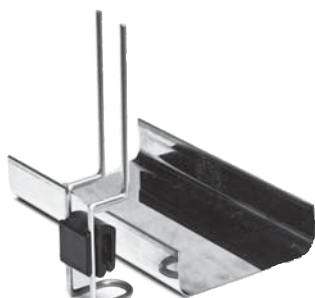
Applicable to Part. 632-635-636-637-638.



• Assembly of drip tray support

Part. 226-336, see pag. S144

Part. 725 permit application of drip tray support

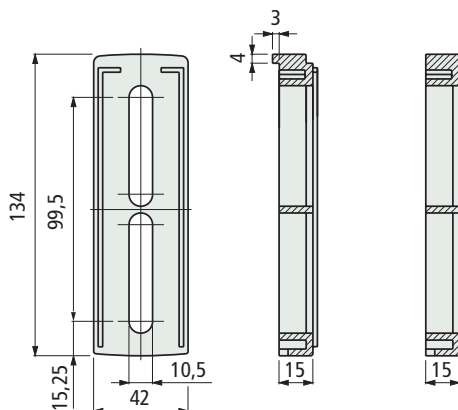


Part./Art./Réf. 226-336

■ Spacer

With lip

Without lip



Part.	Version	Code	Weight kg
545	With lip	683771	0,04
	Without lip	683761	

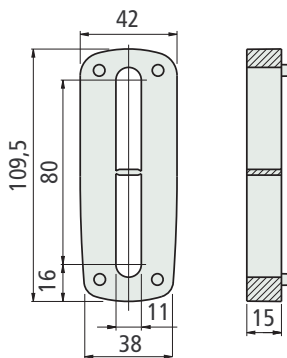
- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

Part. 545



■ Spacer

Part. 725



Part.	Code	Weight Kg
725	688762	0,05

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.



New Product

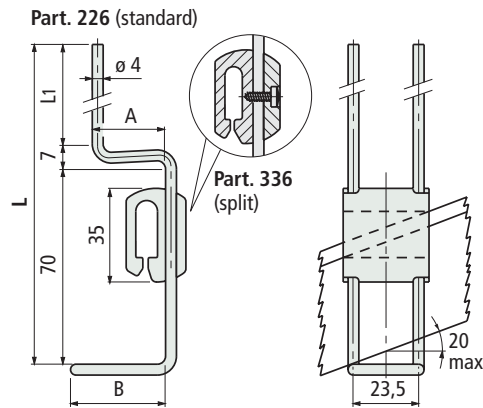
Accessories

Part. 226-336



Bent rod

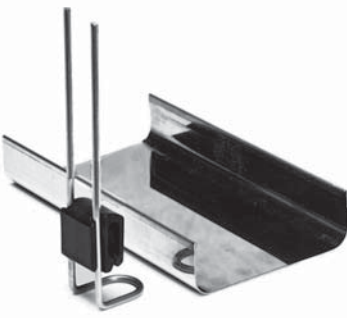
■ Drip tray support



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	

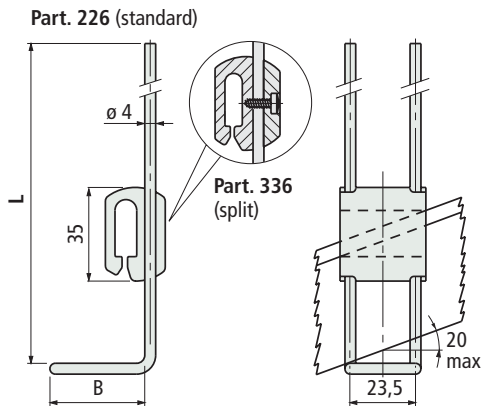
- Material : body in reinforced polypropylene PP FV (black), support element in stainless steel AISI 304, self-tapping screw (only for Part. 336) in stainless steel.
- Packaging : 100 pieces.

Part. 226-336



Straight rod

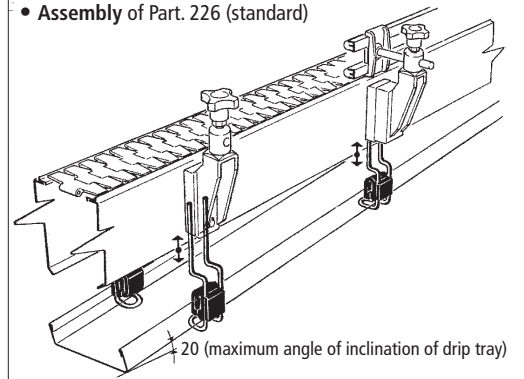
■ Drip tray support



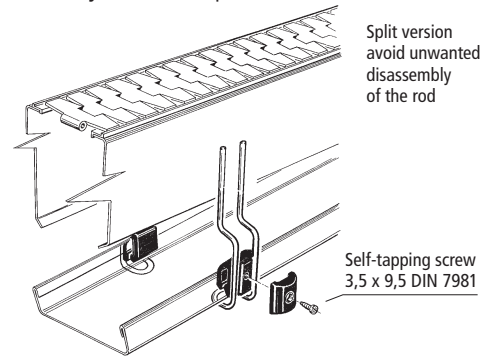
Height L mm	B mm	Code		Weight kg
		Part. 226 Standard	Part. 336 Split	
200	35	61767	697811	0,06

- 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.

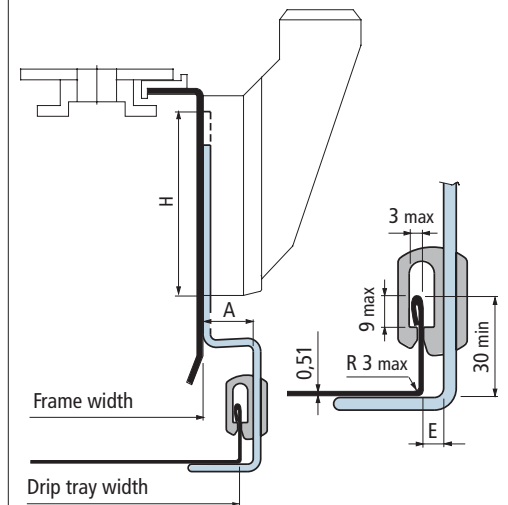
• Assembly of Part. 226 (standard)



• Assembly of Part. 336 (split)



• Drip tray design



Drip tray width = Frame width + 2 • (A - E)

A = see table with codes

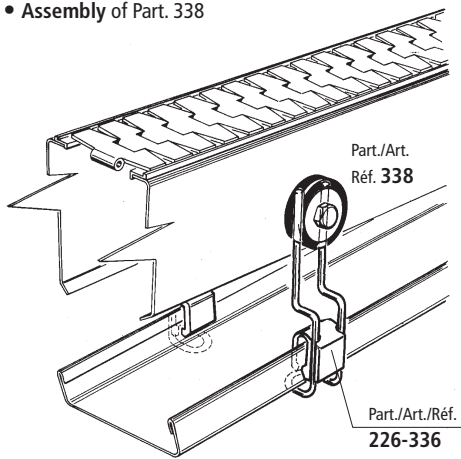
E = 10 mm for Part. 226 (standard)
9,2 mm for Part. 336 (split)

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
632-635-636-637-638	103,5
540-541-542-543-544	123

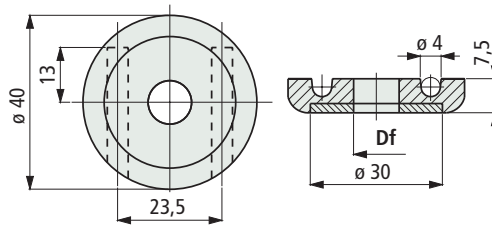
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

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.

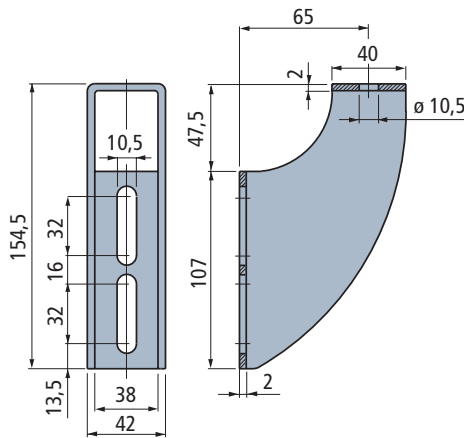


Part. **678**



New Product

Adjustable bracket



Part.	Code	Weight kg
678	684292	0,32

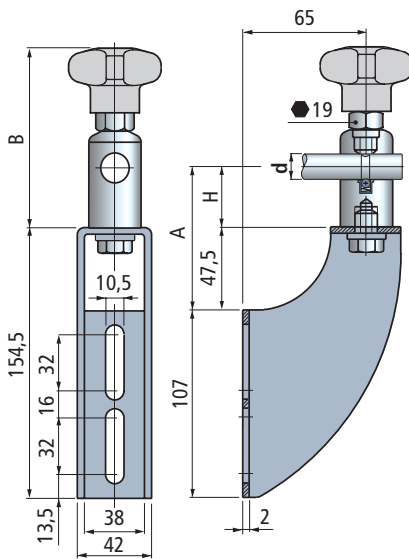
- Material : stainless steel AISI 304.
- Packaging : 6 pieces.

Part. **679**



New Product

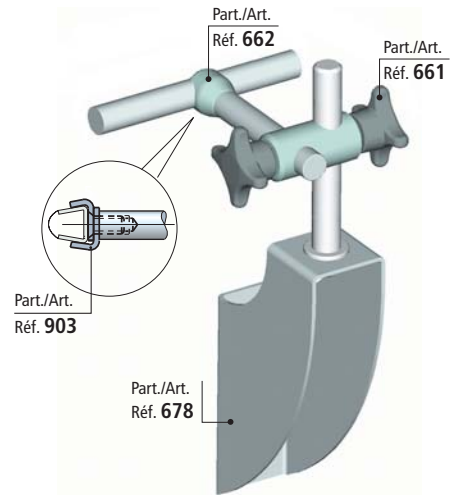
Adjustable bracket



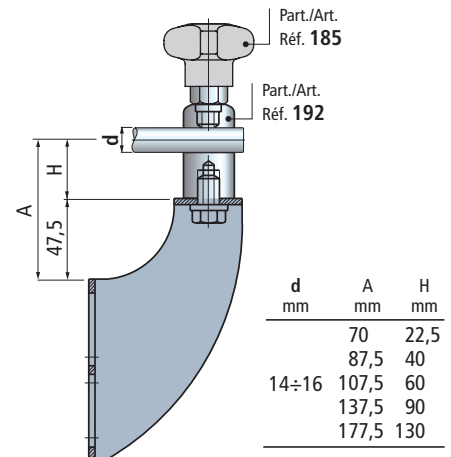
Part.	Pin dia. d mm	A mm	H mm	Code	B mm	Weight kg
Without positioner						
679	14÷16	70	22,5	684302	89	0,60
		87,5	40	684312	106,5	0,70
		107,5	60	684322	126,5	0,81
		137,5	90	684332	156,5	0,97
		177,5	130	684342	196,5	1,20
With positioner						
679	16*	87,5	40	685072	106,5	0,70
		107,5	60	685082	126,5	0,81
		137,5	90	685092	156,5	0,97
		177,5	130	685102	196,5	1,20

- * = Version with positioner can be used only with dia. 16 mm pins.
- Material : bracket in stainless steel AISI 304. Swivel head in stainless steel AISI 303. Knob in reinforced polypropylene PP FV (grey). Hexagonal insert (for 19 mm wrench) and bolts in stainless steel AISI 304.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 6 pieces.

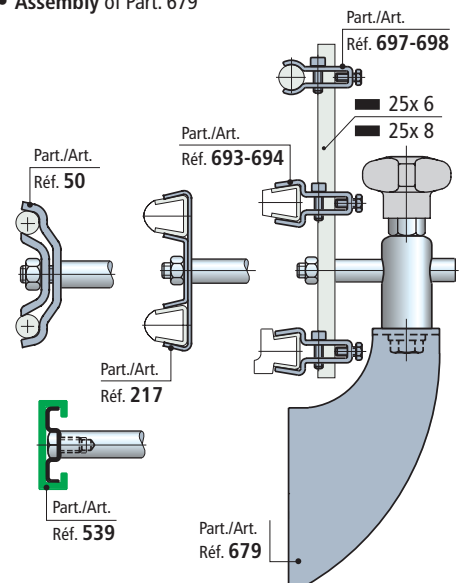
Assembly of Part. 678



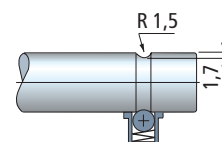
Accessories for Part. 678



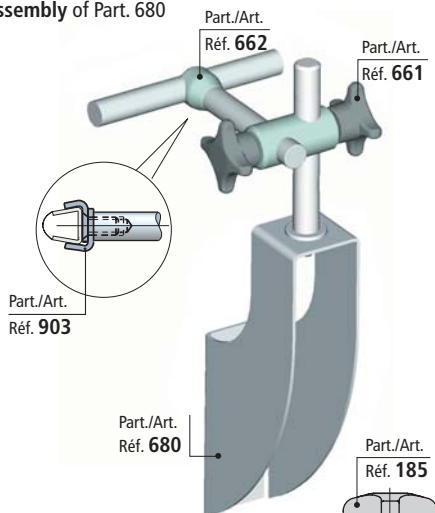
Assembly of Part. 679



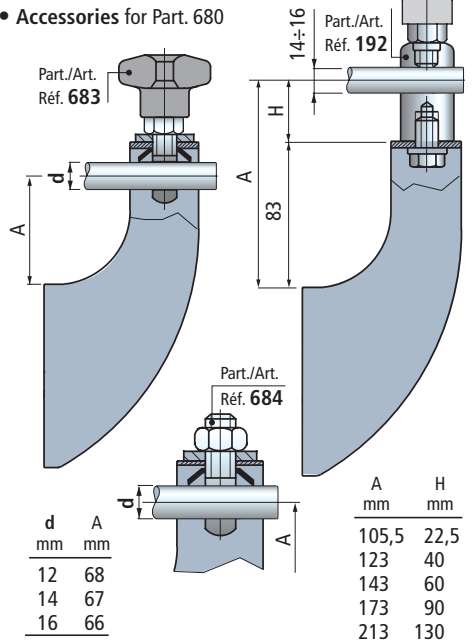
Pin dimension for positioner



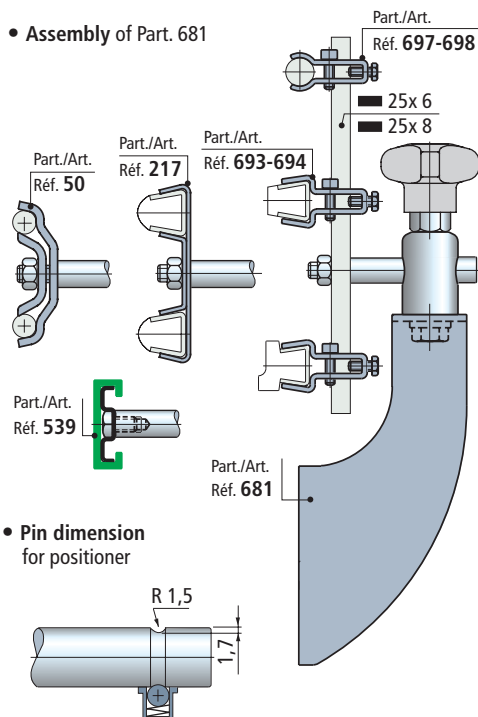
• Assembly of Part. 680



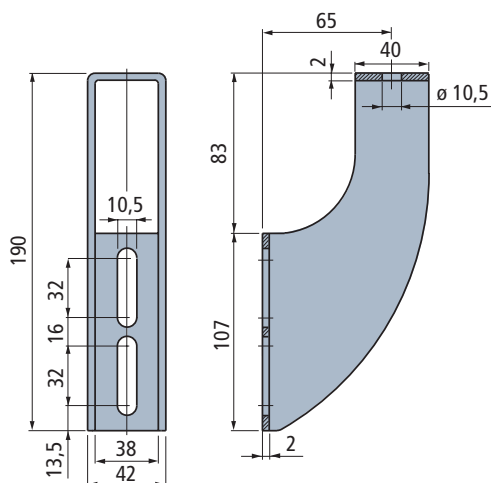
• Accessories for Part. 680



• Assembly of Part. 681



■ Adjustable bracket



Part.	Code	Weight kg
680	684352	0,36

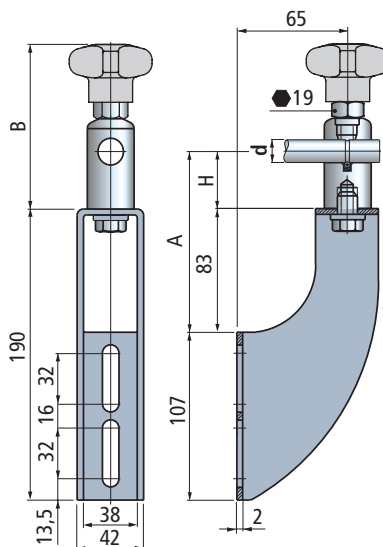
- Material : stainless steel AISI 304.
- Packaging : 6 pieces.

Part. 680



New Product

■ Adjustable bracket



Part.	Pin dia. d mm	A mm	H mm	Code	B mm	Weight kg
Without positioner						
	105,5	22,5		684402	89	0,64
	123	40		685112	106,5	0,74
681	14±16	143	60	685122	126,5	0,85
		173	90	685132	156,5	1,01
		213	130	685142	196,5	1,24
With positioner						
681	16*	123	40	684362	106,5	0,74
		143	60	684372	126,5	0,85
		173	90	684382	156,5	1,01
		213	130	684392	196,5	1,24

- * = Version with positioner can be used only with dia. 16 mm pins.
- Material : bracket in stainless steel AISI 304. Swivel head in stainless steel AISI 303. Knob in reinforced polypropylene PP FV (grey). Hexagonal insert (for 19 mm wrench) and bolts in stainless steel AISI 304.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 6 pieces.

rt. 681



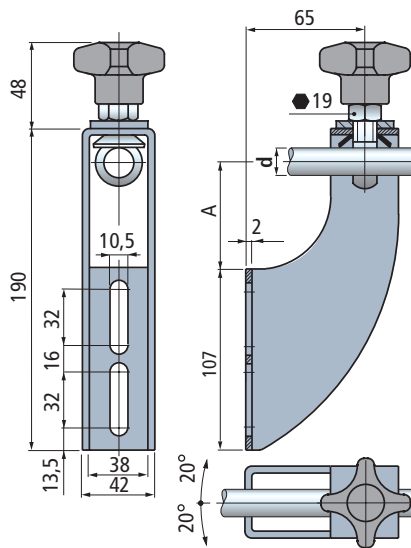
New Product

Part. 682



New Product

Adjustable brackets



Part.	Pin dia. d mm	A mm	Code	Weight kg
682	12	68	684412	0,46
	14	67	684422	
	16	66	684432	

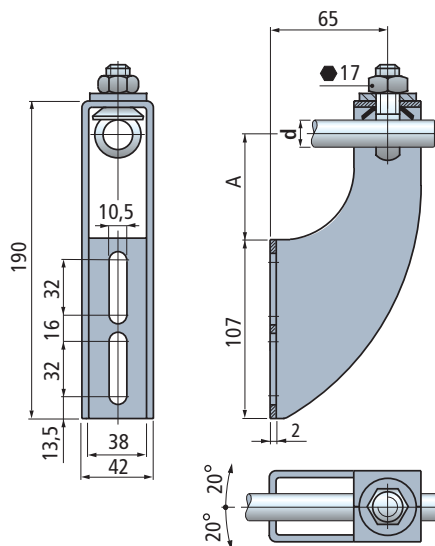
- Material : bracket, tightening nut, washer and eyebolt in stainless steel AISI 304. Knob in reinforced polypropylene PP FV (grey). Hexagonal insert (for 19 mm wrench) in stainless steel AISI 303.
 - Packaging : 6 pieces.

Part. 677



New Product

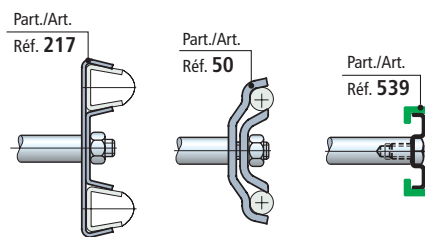
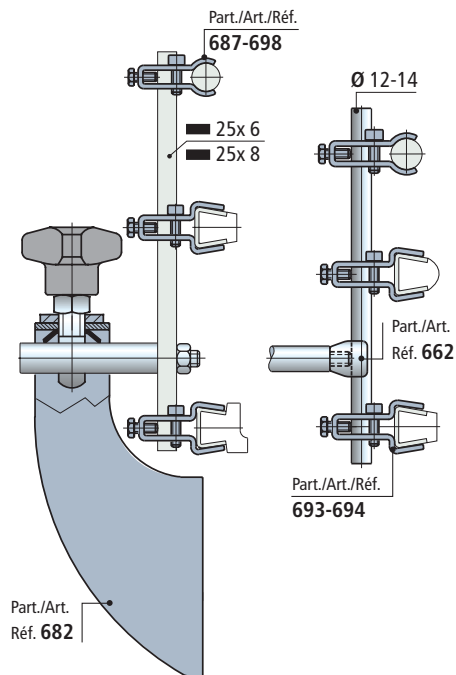
Adjustable brackets



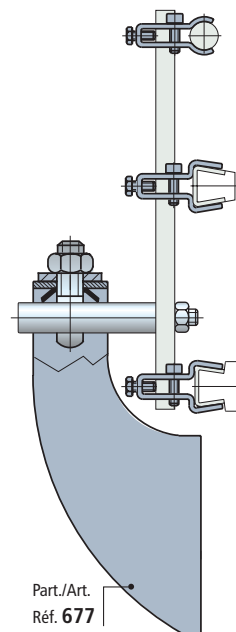
Part.	Pin dia. d mm	A mm	Code	Weight kg
677	12	68	684262	0,42
	14	67	684272	
	16	66	684282	

- Material : bracket, tightening nut, washer and eyebolt in stainless steel AISI 304.
 - Packaging : 6 pieces.

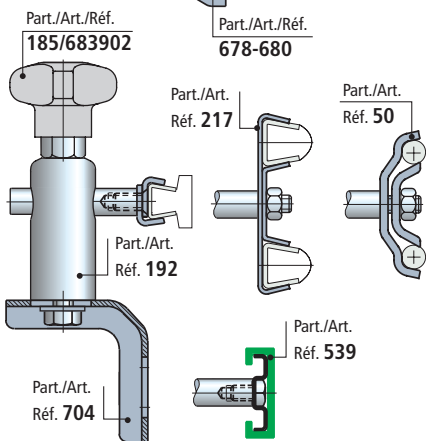
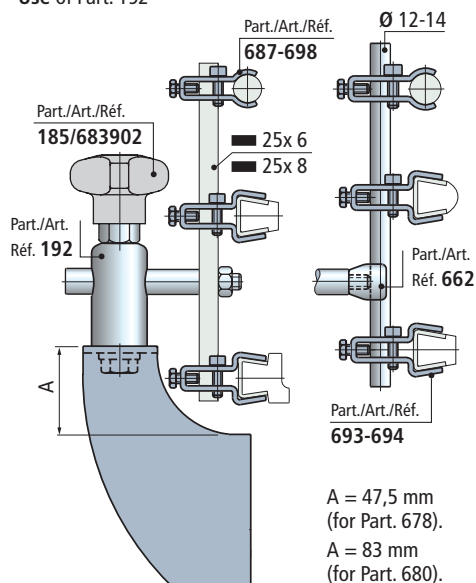
Use of Part. 682



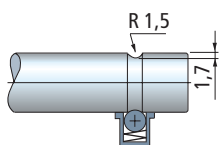
Use of Part. 677



• Use of Part. 192

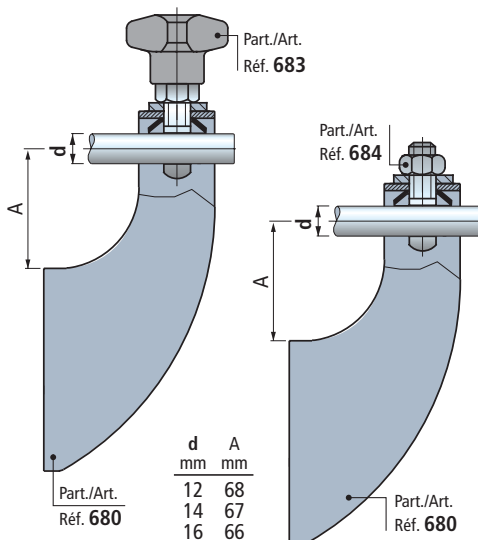


• Pin dimension for positioner



• Use of Part. 683-684

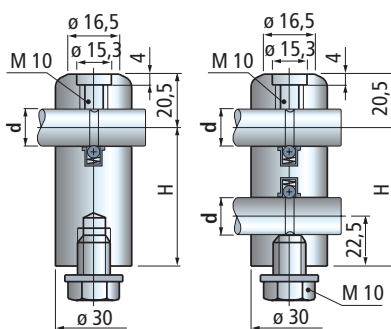
In combination with brackets Part. 680.



■ Swivel heads

With single bore

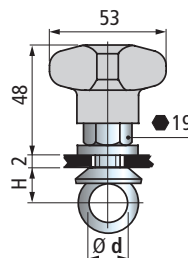
With double bore



Part.	Pin dia. d mm	H mm	Code		Weight kg
			Without positioner	With positioner	
With single bore					
192	14÷16*	22,5	685842	—	0,19
		40	674012	673962	0,29
		60	674022	673972	0,40
		90	674032	673982	0,56
		130	674042	673992	0,79
With double bore					
192	14÷16*	90	674052	674002	0,52

- * = version with positioner can be used only with dia. 16 mm pins.
- Material : swivel head in stainless steel AISI 303.
- Tightening bolt in stainless steel AISI 304.
- Packaging : 10 pieces.

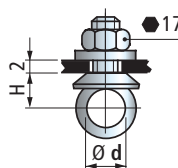
■ Eyebolt (with knob)



Part.	Pin dia. d mm	Code	H mm	Weight kg
683	12	684442	13	0,10
	14	684452	14	
	16	684462	15	

- Material : eyebolt and washer in stainless steel AISI 304.
- Knob in reinforced polypropylene PP FV (grey). Hexagonal insert (for 19 mm wrench) in stainless steel AISI 303.
- Packaging : 6 pieces.

■ Eyebolt (with nut)



Part.	Pin dia. d mm	Code	H mm	Weight kg
684	12	684472	13	0,06
	14	684482	14	
	16	684492	15	

- Material : eyebolt, tightening nut and washer in stainless steel AISI 304.
- Packaging : 6 pieces.

Part. 192



New Product

Part. 683



New Product

Part. 684



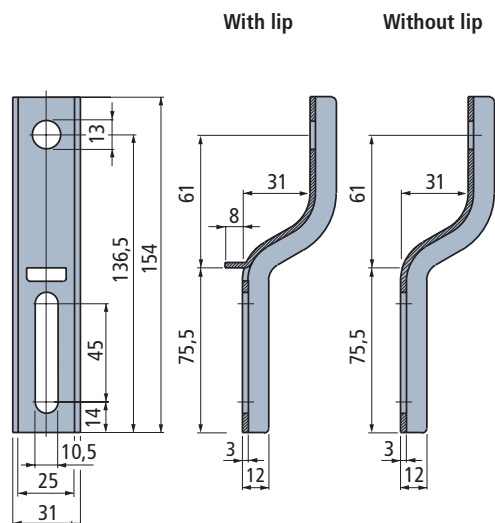
New Product

Part. 705



New Product

Bracket



Part.	Version	Code	Weight kg
705	With lip	684902	0,17
	Without lip	684912	

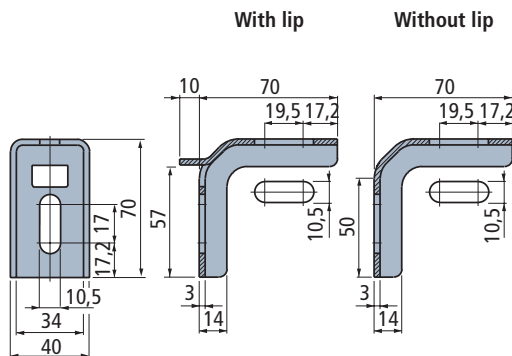
- Material : stainless steel AISI 304.
- Packaging : 16 pieces.

Part. 704



New Product

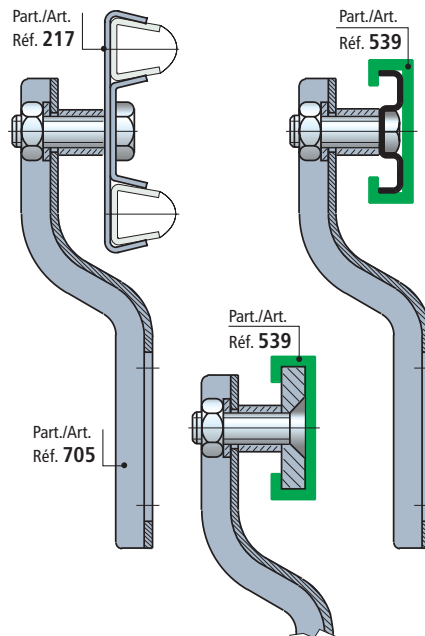
Bracket



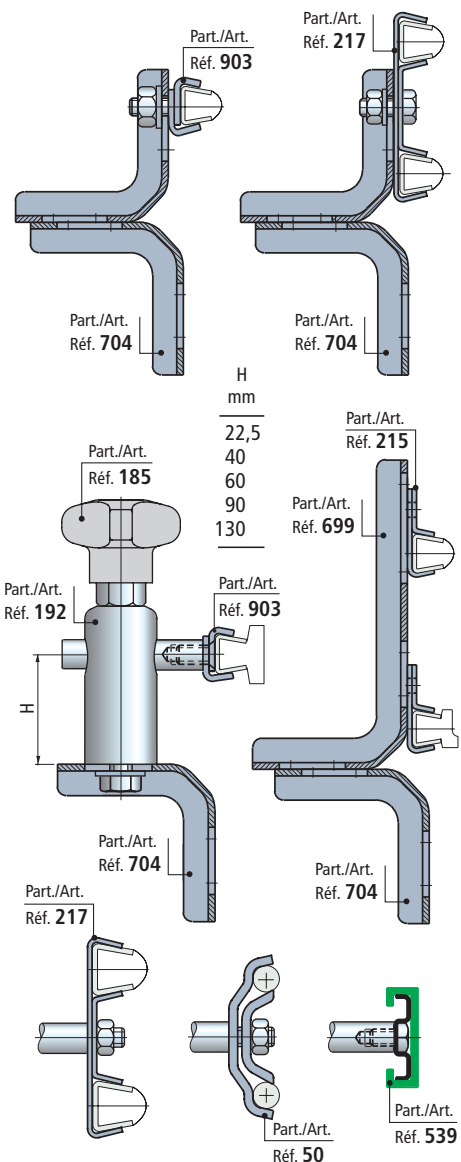
Part.	Version	Code	Weight kg
704	With lip	684882	0,15
	Without lip	684892	

- Material : stainless steel AISI 304.
- Packaging : 16 pieces.

• Use of Part. 705

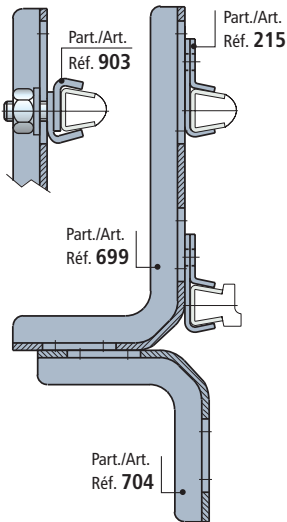
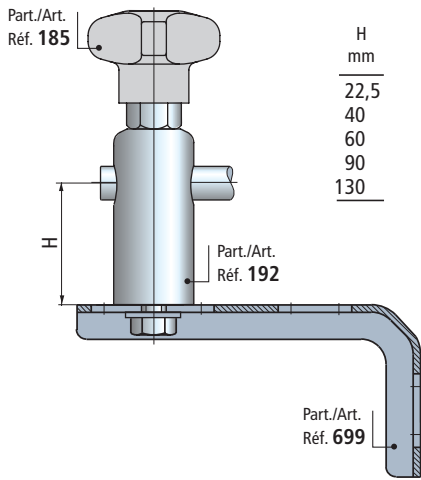


• Use of Part. 704



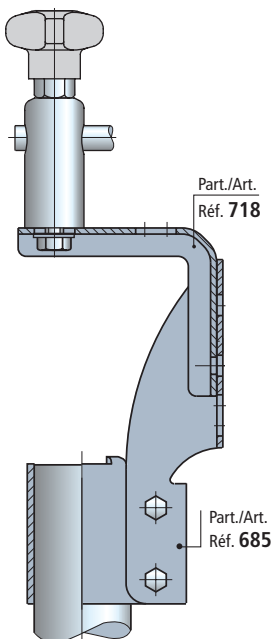
Guide - Rail Brackets

• Use of Part. 699

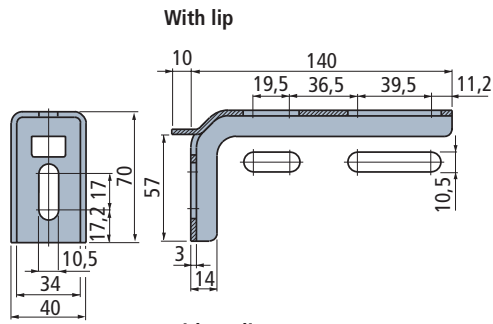


Part./Art. Réf. 704

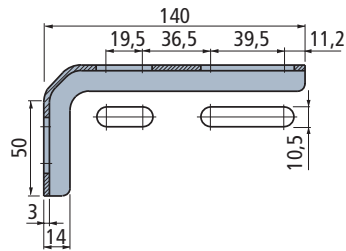
• Use of Part. 718



■ Bracket



Without lip



Part.	Version	Code	Weight kg
699	With lip	684862	0,23
	Without lip	684872	

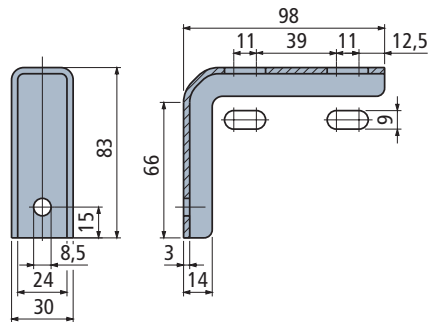
- Material : stainless steel AISI 304.
- Packaging : 16 pieces.

Part. 699



New Product

■ Bracket



Part.	Code	Weight kg
718	687252	0,17

- Material : stainless steel AISI 304.
- Packaging : 16 pieces.

Part. 718



New Product

Part. 692



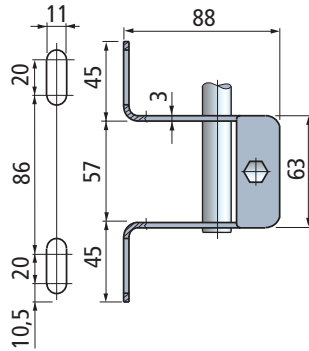
New Product



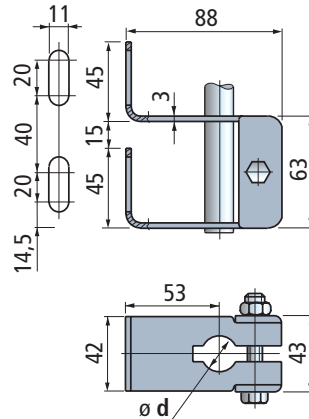
New Product

Side bracket

Standard version



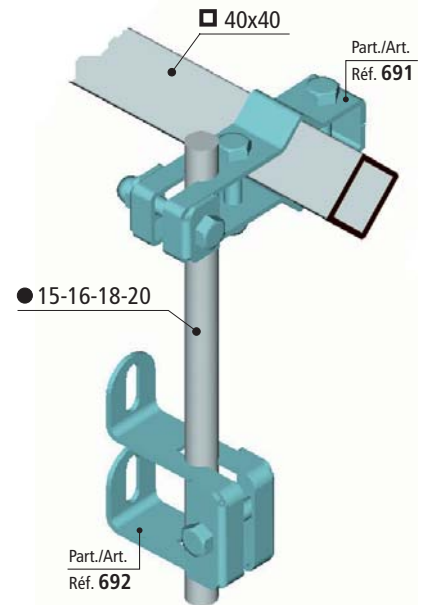
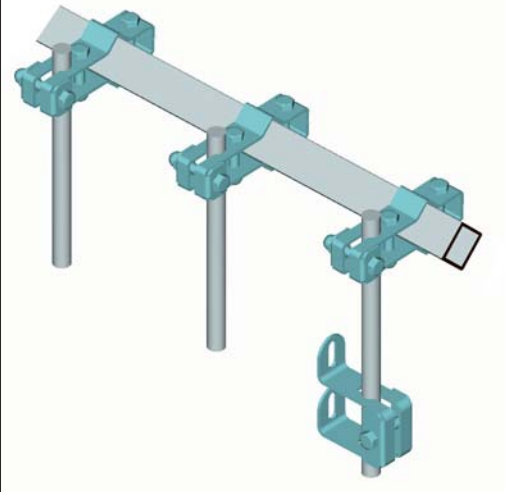
Compact version



Part.	Pin dia. d mm	Code		Weight kg
		Standard version	Compact version	
692	15	686272	684622	0,33
	16	686282	684632	
	18	686292	684642	
	20	686302	684652	

- Material : bracket and bolt in stainless steel AISI 304.
 - Packaging : 8 pieces.

Use of Part. 692

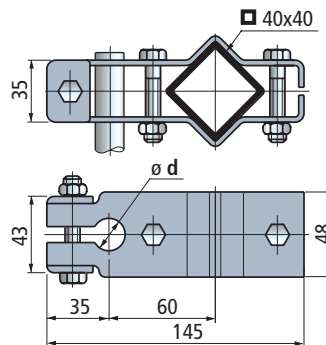


Part. 691



New Product

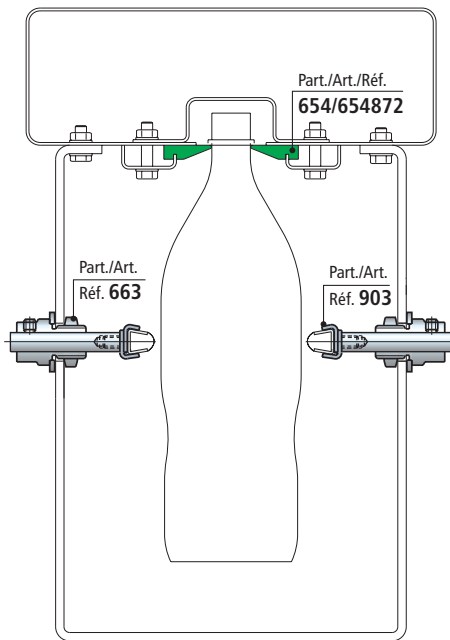
Cross clamp



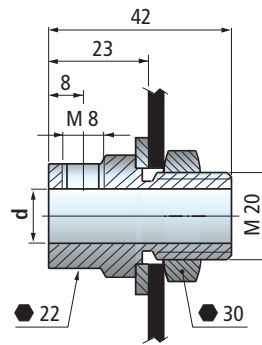
Part.	Square tube mm	Pin dia. d mm	Code		Weight kg
			Standard version	Compact version	
691	40x40	15	684582		0,52
		16	684592		
		18	684602		
		20	684612		

- Material : clamp and bolt in stainless steel AISI 304.
 - Packaging : 8 pieces.

• Use of Part. 663



■ Locking clamp for round steel rod



Part. 663

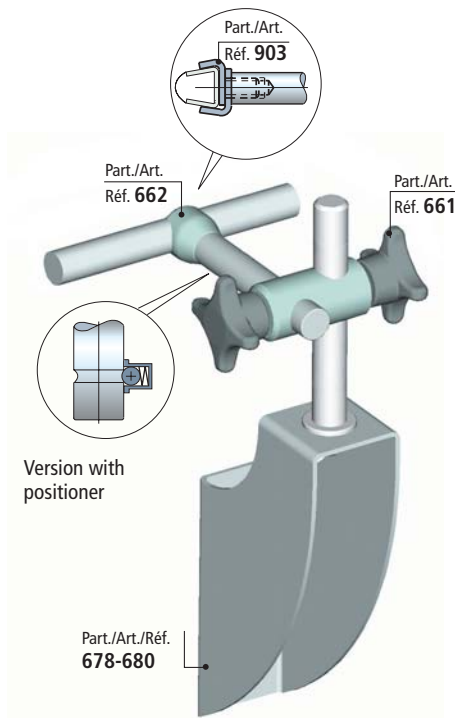


New Product

Part.	Pin dia. d mm	Code	Weight kg
663	12	669572	0,13

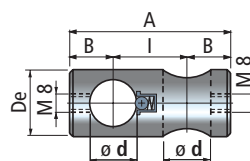
- Material : clamp in stainless steel AISI 303. Nut and washer in stainless steel AISI 304.
- Packaging : 50 pieces.

• Use of Part. 661

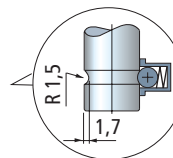


■ Cross clamp

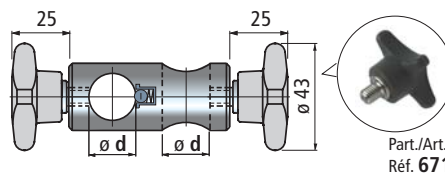
Version without knobs



Positioner



Version with knobs



Part./Art.
Réf. 671

Part. 661



New Product

Part.	Pin dia. d mm	Code		I mm	A mm	B mm	ø De mm
		Without knobs	With knobs				
Version without positioner							
	10	669112	675712	14	36	11	18
	12	669122	675722	16	40	12	20
	(1/2")	686022	683802	16	40	12	20
661	14	669132	675732	18	44	13	20
	16	669142	675742	20	48	14	24
	18	669152	675752	22	52	15	26
	20	669162	675762	24	56	16	28
Version with positioner							
	12	669172	675772	22	48	13	20
661	14	669182	675782	22	48	13	20
	16	614043	614053	26	56	15	24

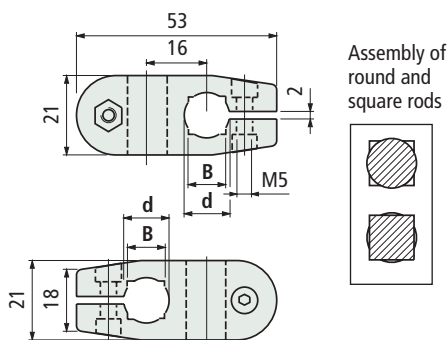
- Material : clamp in stainless steel AISI 303. Knob in reinforced polypropylene PP FV (grey). Threaded insert in stainless steel AISI 303.
- Max recommended tightening torque : 1 Kgm.
- Packaging : 24 pieces.

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

Part. 340



■ Cross clamp



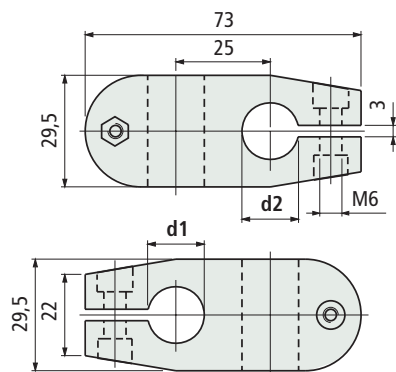
Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
340	Stainless steel AISI 304	10	8	68373	0,02
		12	10	68385	
		14	12	67375	
	Zinc plated steel	10	8	627031	
		12	10	627041	
		14	12	627051	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

Part. 174-174R



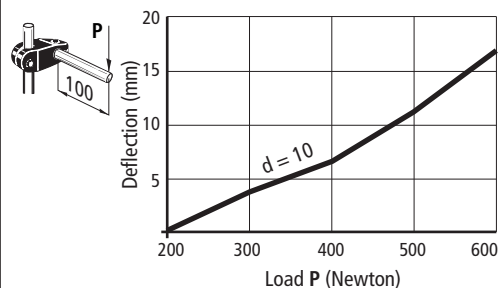
■ Cross clamp



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			
		174R	Reinforced polyamide PA FV special (black)	15		15	53791
						16	59321*
				16		16	53781
						18	59341
				18		18	53771
						20	20
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.

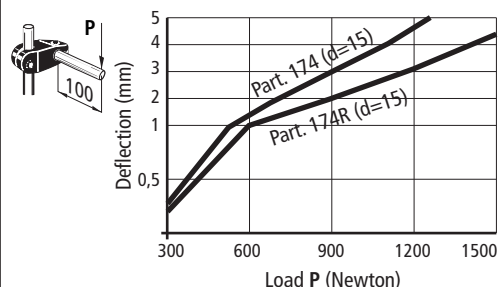
• Deflection of Part. 340



• 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

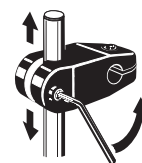
- sliding load : 2500 N (with d = 14-15-16)
2800 N (with d = 18)
- rotation load : 13 N/m
- Tests performed at tightening torque : 1 Kgm

• Technical data Part. 174R

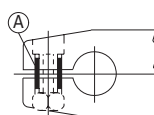
- sliding load : 3500 N
- rotation load : 25 N/m
- Tests performed at tightening torque : 1,5 Kgm

• Characteristics Part. 174R

It differs from Part. 174 in the use of a special material and a stiffening bush (spacer).

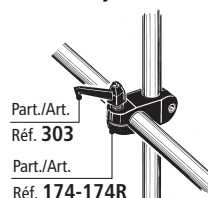


The increased elasticity of the material permits, once the bolts are untightened, the clamp to slide easily over the rod. Especially suitable for applications with frequent adjustment.



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



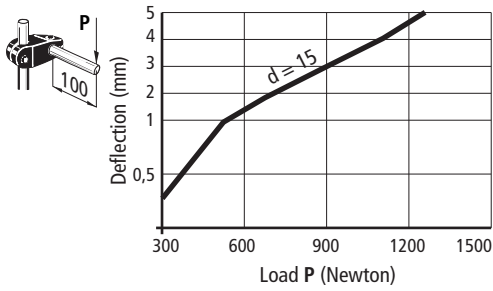
Part./Art. Réf. 303

Part./Art. Réf. 174-174R

Can be applied with the ratchet handle Part. 303 (code 60922), instead of the standard hardware, see page S189.

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

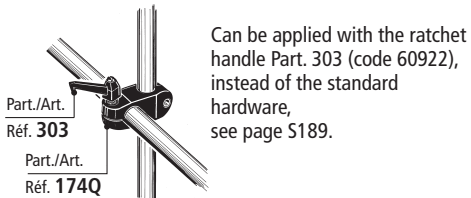
• Deflection of Part. 174Q



• 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

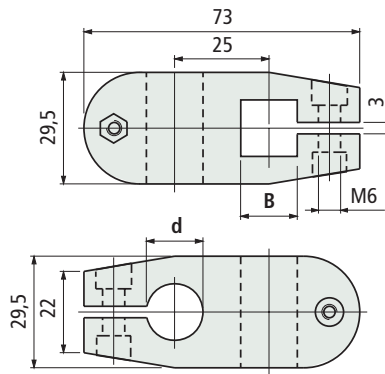
• Assembly of Part. 174 Q with ratchet handle



• Use of Part. 732



■ Cross clamp



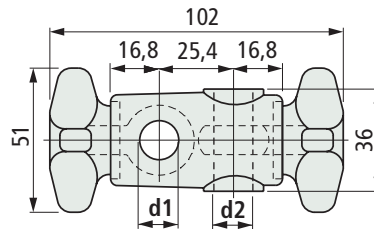
Part.	Square rod B mm	Rod dia. d mm	Code	Weight kg
174 Q	12	14	59351	0,07
		15	59361*	
		16	59371	
		18	59381	

- Material : clamp in reinforced polyamide PA FV (black), tightening bolt in stainless steel AISI 304, nuts in nickel plated brass.
- Max recommended tightening torque : 1 Kgm.
- Packaging : 50 pieces.

Part. 174Q



■ Cross clamp



Part.	Pin dia. d1		Pin dia. d2		Code	Weight kg
	mm	inch	mm	inch		
732	12	1/2"	12	1/2"	692352	0,13
	12	1/2"	16	5/8"	692362	
	16	5/8"	16	5/8"	692372	

- Material : clamp and knobs in reinforced polyamide PA FV (black). Eyebolts in stainless steel AISI 304.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 50 pieces.

Part. 732



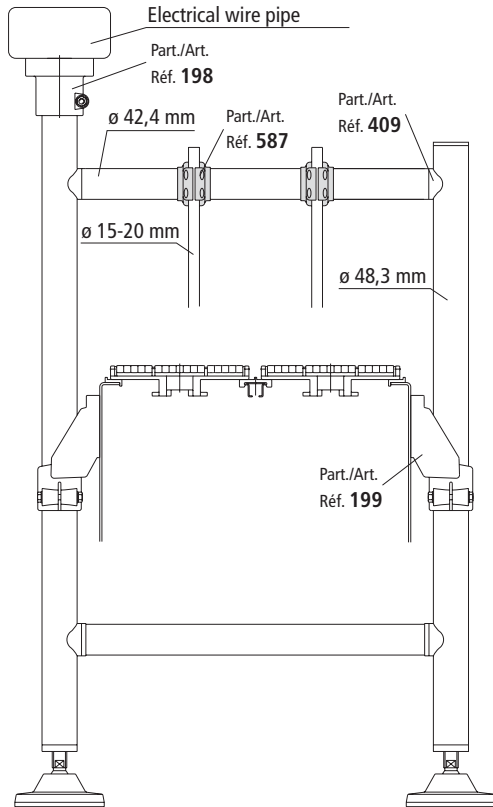
New Product

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

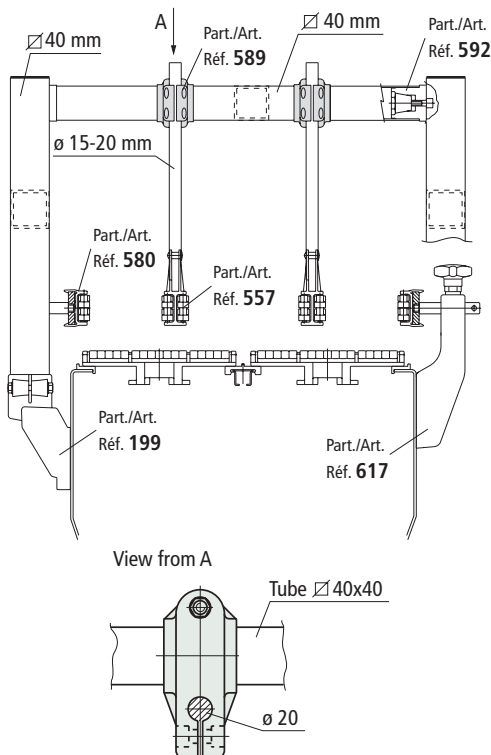
• **Characteristics of Part. 587**

The stiffness of Part.587 makes them suitable for wide multistrand conveyors.

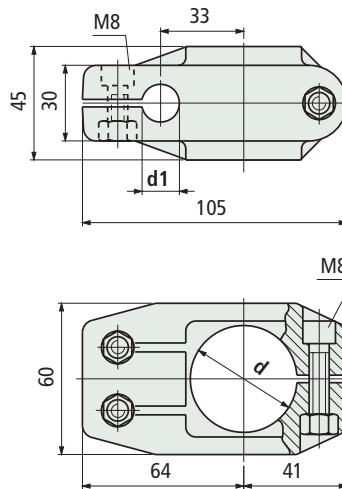
• **Use of Part. 587 (for round tubes)**



• **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	646292N	0,18
		20	655382N	

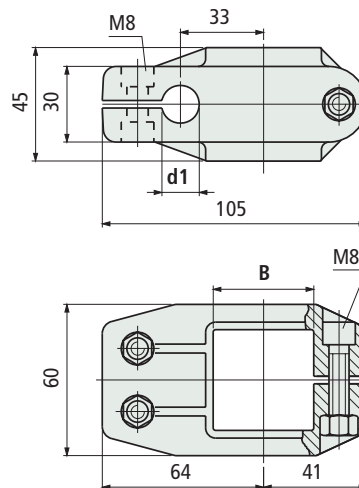
- Material : clamp in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 25 pieces.

Part. 587



Round bore

■ **Cross clamp**



Part.	Square tube B mm	Rod dia. d1 mm	Code	Weight kg
587	40x40	15	655392N	0,18
		20	646302N	

- Material : clamp in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 25 pieces.

Part. 587



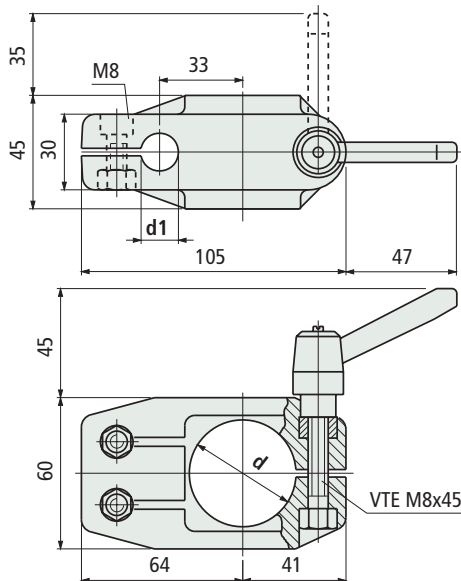
Square bore

Part. 633



Round bore

■ Cross clamp with ratchet handle clamping



Part.	Tube dia. d mm	Rod dia. d1 mm	Code	Weight kg
633	42,4 (1" 1/4)	15	647152	0,23
		20	655402	

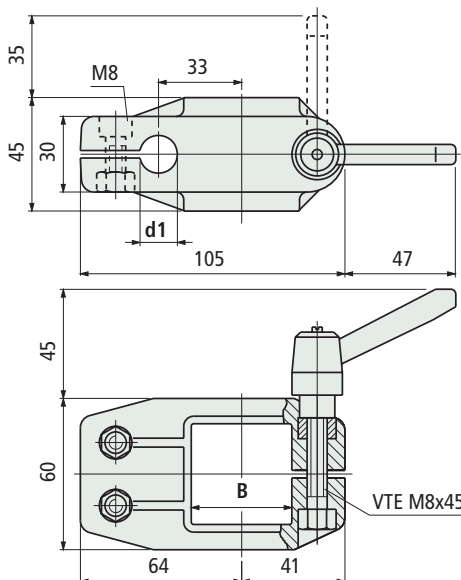
- Material clamp : body in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Material handle : body in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 1,5 Kgm (handle), 2 Kgm (screws).
- Packaging : 25 pieces.

Part. 633



Square bore

■ Cross clamp with ratchet handle clamping



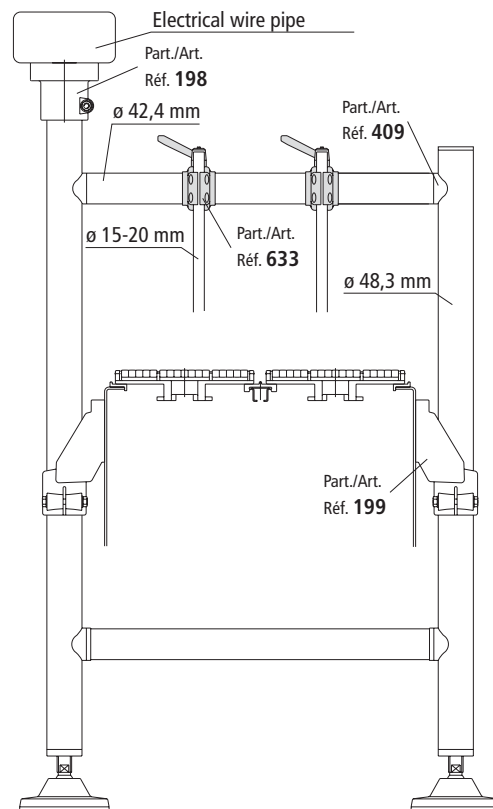
Part.	Square tube B mm	Rod dia. d1 mm	Code	Weight kg
633	40x40	15	655412	0,23
		20	647162	

- Material clamp : body in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Material handle : body in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque: 1,5 Kgm (handle), 2 Kgm (screws).
- Packaging : 25 pieces.

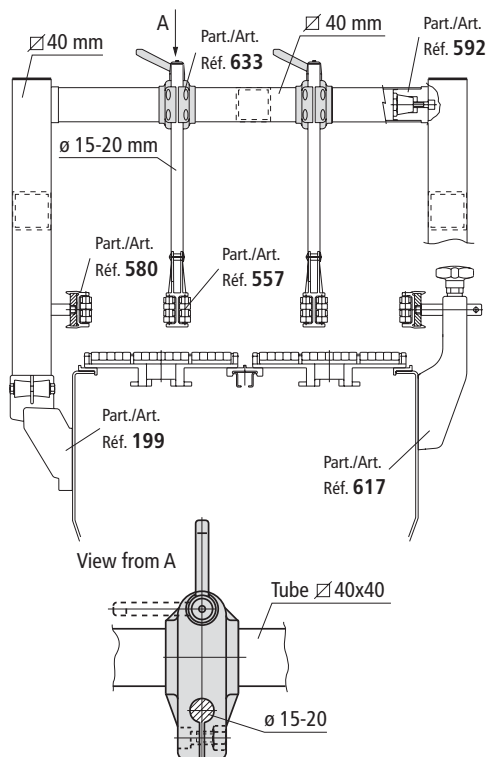
• Characteristics of Part. 633

Easy and quick adjustment of guides supported by bridge structure.

• Use of Part. 633 (for round tubes)

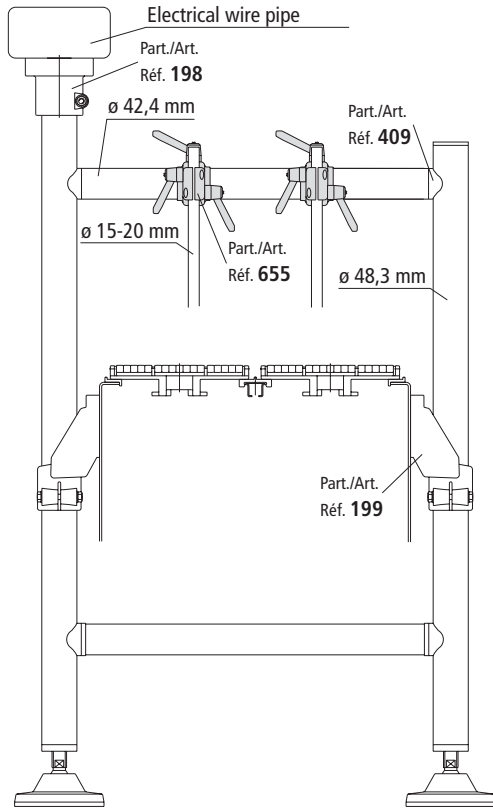


• Use of Part. 633 (for square tubes)

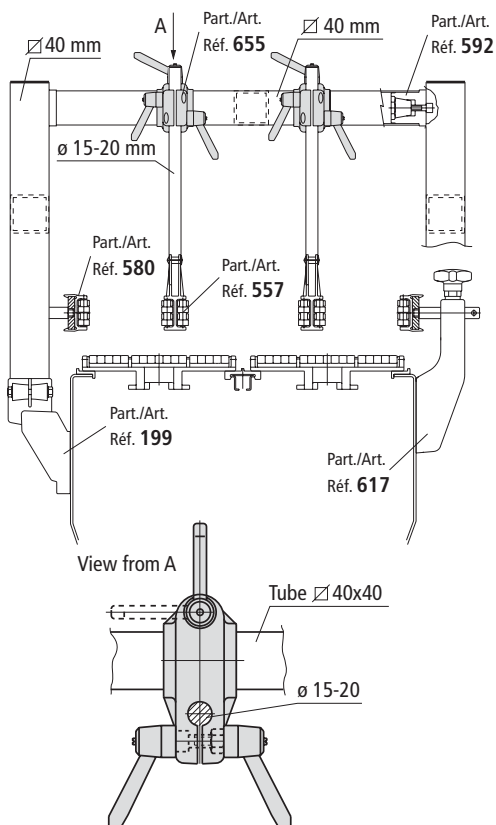


- **Characteristics of Part. 655**
Easy and quick adjustment of guides supported by bridge structure.

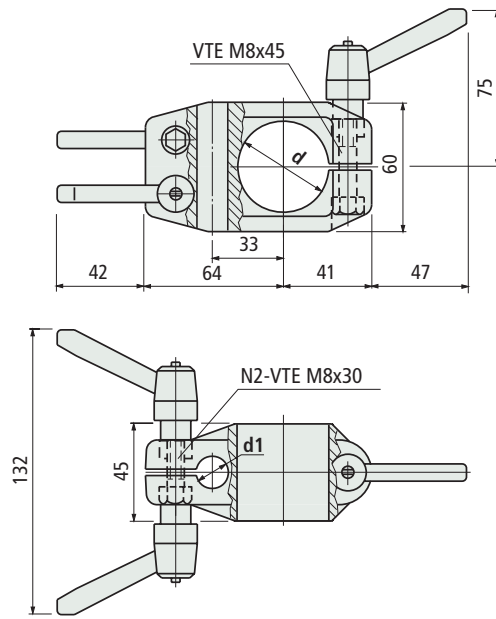
• **Use of Part. 655 (for round tubes)**



• **Use of Part. 655 (for square tubes)**



■ **Cross clamp with ratchet handle clamping**



Part.	Tube dia. d mm	Rod dia. d1 mm	Code	Weight kg
655	42,4 (1" 1/4)	15	655422	0,28
		20	655182	

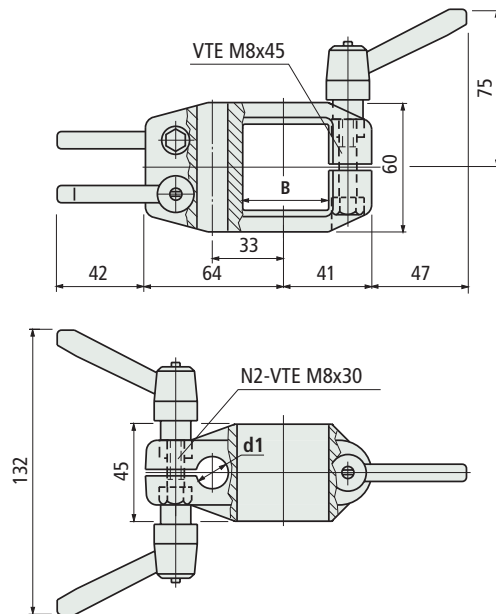
- Material clamp : body in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304.
- Material handles : body in reinforce polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 25 pieces.

Part. 655



Round bore

■ **Cross clamp with ratchet handle clamping**



Part.	Square tube B mm	Rod dia. d1 mm	Code	Weight kg
655	40x40	15	655432	0,28
		20	655442	

- Material clamp : body in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304.
- Material handles : body in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 25 pieces.

Part. 655



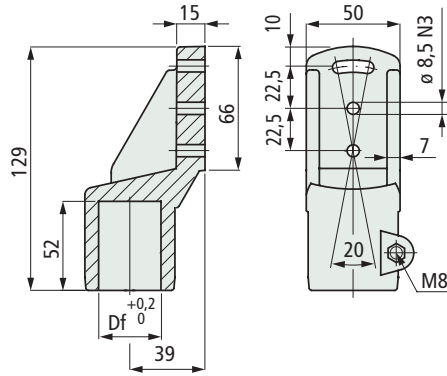
Square bore

Part. 416



For round tubes

Side mounting top bracket



Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
416	Ø 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.

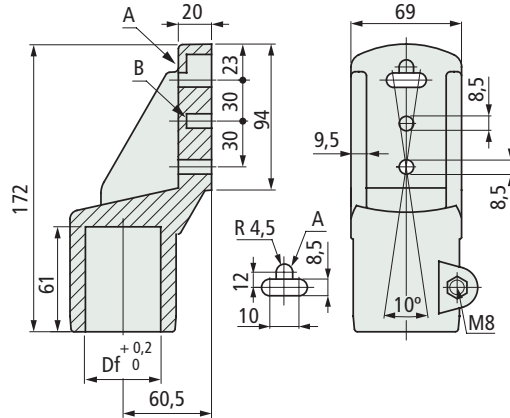
Part. 199



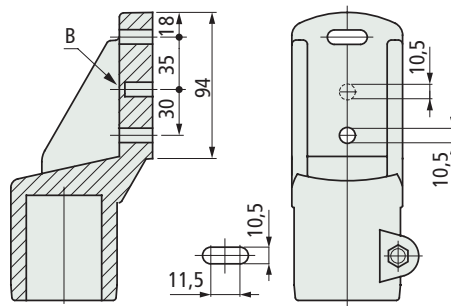
For round and square tubes

Side mounting top bracket

Version with fixing holes for M8



Version with fixing holes for M10



Part.	Tube dimensions mm	Bore Df mm	Bolts material	Code
Version with fixing holes for M8				
	Ø 48,3 (1 1/2)	Ø 48,3	AISI 304	59171
	Ø 50,8	Ø 50,8	AISI 304	664771*
Version with fixing holes for M10				
199	38x38	38	Zinc plated steel	611622
	40x40	40	Zinc plated steel	611712
			AISI 304	611632
			Zinc plated steel	611722

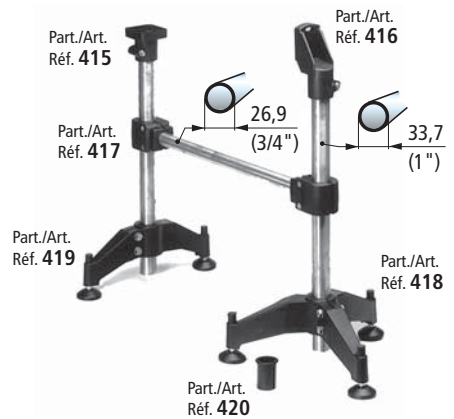
199	Ø 48,3 (1 1/2)	Ø 48,3	AISI 304	61683*
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* = New product.

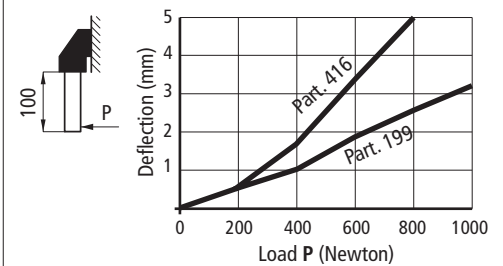
- Material : reinforced polyamide PA FV (black).
- Weight : 0,32 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 24 pieces.

* = 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-Ø48,3 (P = 3600 N)
- Part. 199-Ø38 (P = 2600 N)
- Part. 199-Ø40 (P = 1900 N)

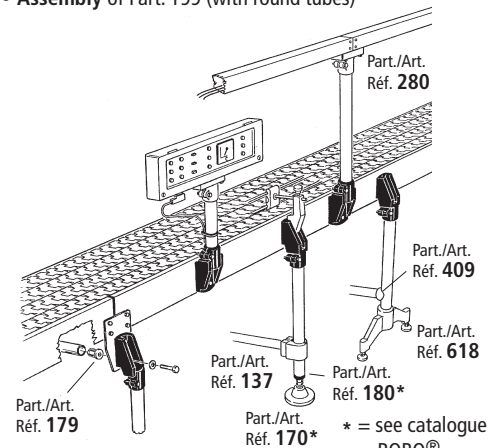
Tests performed at tightening torque : 2 Kgm

Breaking load

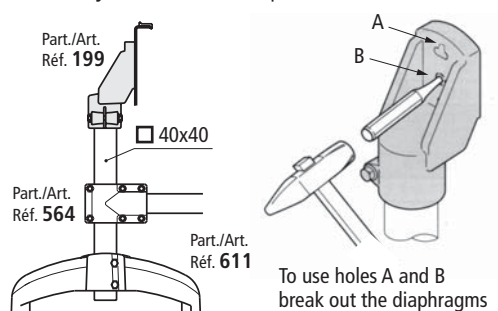


- Part. 416 (P = 21900 N)
- Part. 199 (P = 35900 N)

Assembly of Part. 199 (with round tubes)



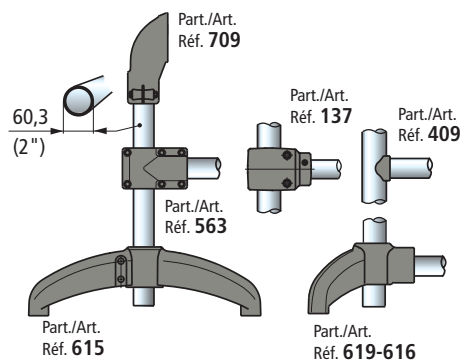
Assembly of Part. 199 (with square tubes)



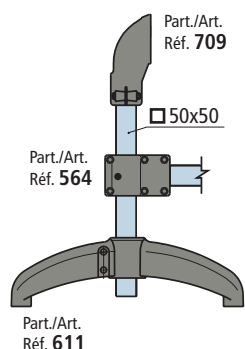
To use holes A and B break out the diaphragms

Side Mounting top Brackets

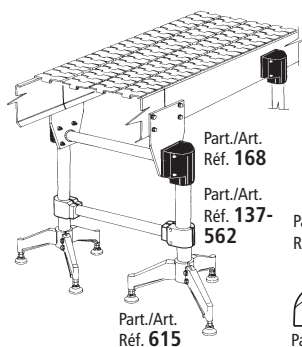
- Assembly of Part. 709 (with round tubes Ø 60,3 mm (2")).



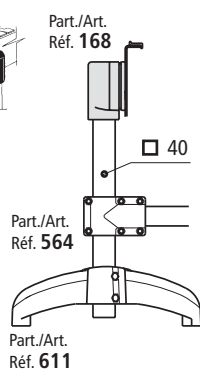
- Assembly of Part. 709 (with square tubes 50x50 mm).



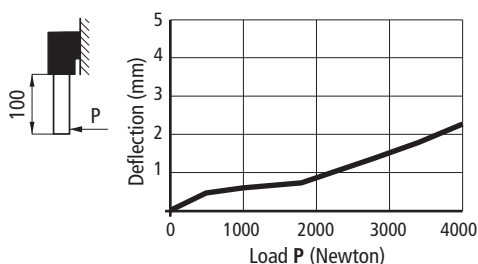
- Assembly of Part. 168 (with square tubes)



- Assembly of Part. 168 (with round tubes)



- Deflection of Part. 168

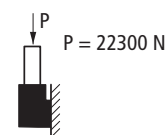


- Sliding load



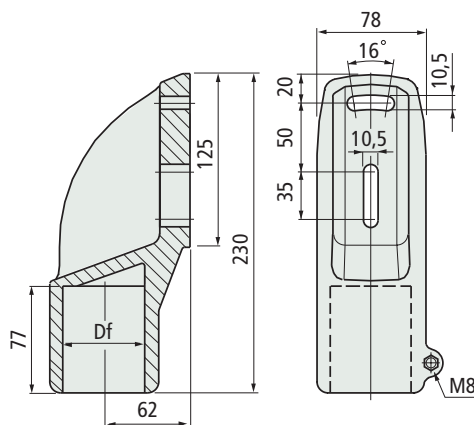
With tubes Ø48,3
(P = 1900 N)
With tubes 40
(P = 3100 N)

- Breaking load



Tests performed at tightening torque : 2 Kgm

Side mounting top bracket



Part.	Tube dimensions mm	Bore Df mm	Code
709	Ø 60,3 (2")	Ø 60,3	685322
	50x50	50	685332

- Material : bracket in reinforced polyamide PA FV (black).
- Bolts in stainless steel AISI 304.
- Weight : 0,75 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 12 pieces.

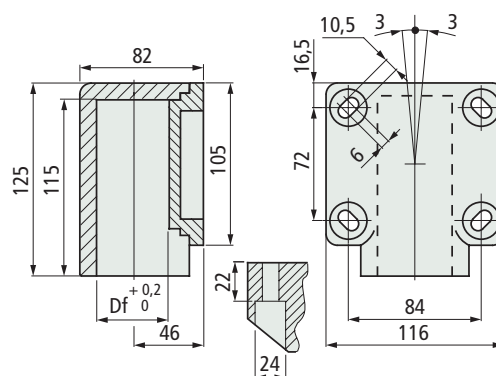
Part. 709



For round and square tubes

New Product

Side mounting top bracket



Part.	Tube dimensions mm	Bore Df mm	Code
168	Ø 48,3 (1 1/2)	Ø 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. 168



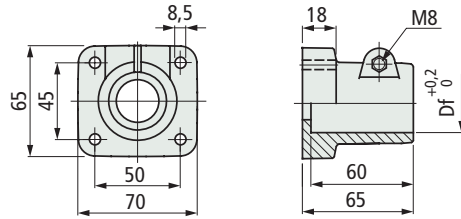
For round and square tubes

Part. 415



For round tubes

■ Bearing head



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

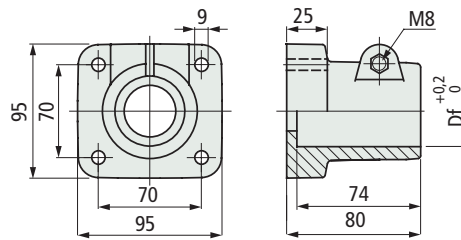
- Material : reinforced polyamide PA FV (black).
- Weight : 0,12 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 24 pieces.

Part. 198



For round and square tubes

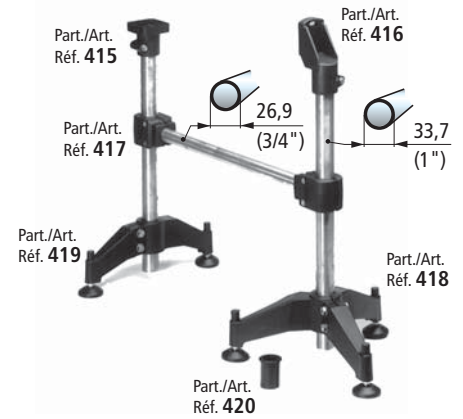
■ Bearing head



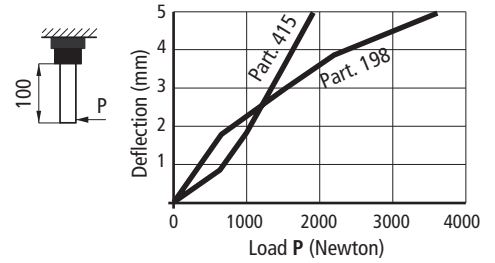
Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
	Ø 48,3 (1" 1/2)	Ø 48,3	AISI 304	59161
	Ø 50,8	Ø 50,8	AISI 304	664761
198	38x38	38	AISI 304	611602
			Zinc plated steel	611682
	40x40	40	AISI 304	611612
			Zinc plated steel	611692

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

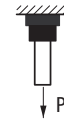
• Assembly of Part. 415



• Deflection of Part. 415 - 198



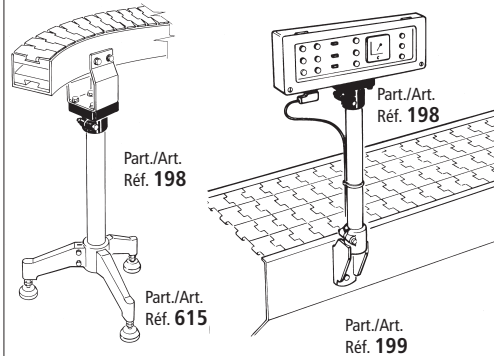
• Sliding load resistance



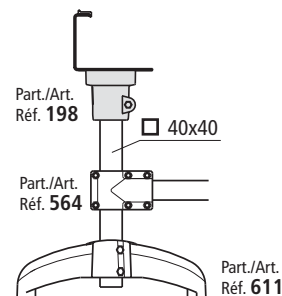
- Part. 415 (P = 1500 N)
- Part. 198-Ø48,3 (P = 1900 N)
- Part. 198-38 (P = 4400 N)
- Part. 198-40 (P = 2300 N)

Tests performed at tightening torque : 2 Kgm

• Assembly of Part. 198 (with round tubes)

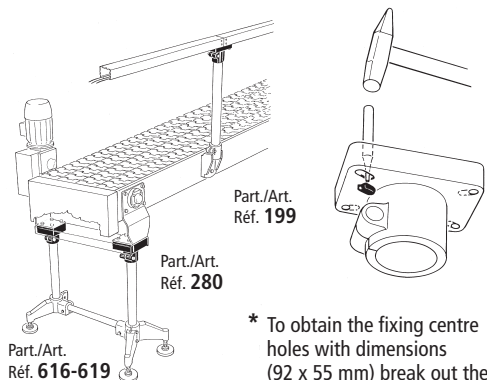


• Assembly of Part. 198 (with square tubes)



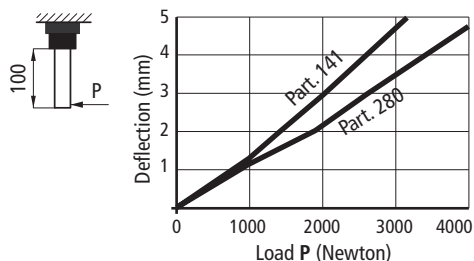
Bearing Heads

• Assembly of Part. 280



* To obtain the fixing centre holes with dimensions (92 x 55 mm) break out the thickness of diaphragm.

• Deflection of Part. 280 - 141



• Sliding load resistance

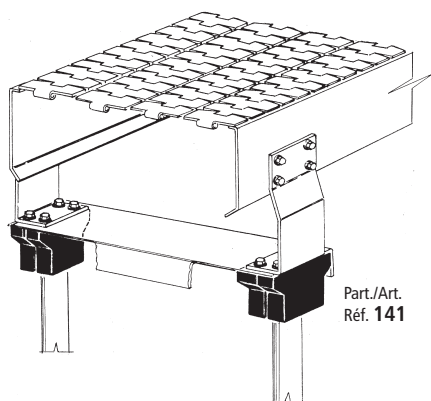


Part. 280 (P = 1900 N)
Part. 141 (P = 5800 N)

Tests performed at tightening torque :

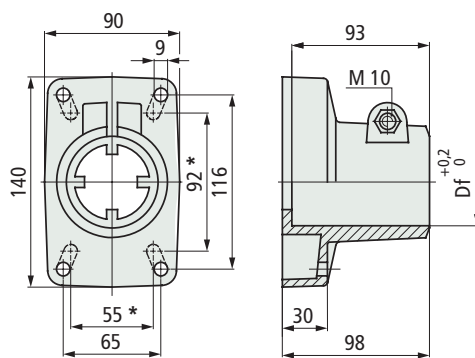
- 3,5 Kgm (for Part. 280)
- 1 Kgm (for Part. 141)

• Assembly of Part. 141



Part./Art.
Réf. 141

■ Bearing head



Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
	Ø 48,3 (1" 1/2)	48,3	AISI 304	63503
280	Ø 50,8	50,8	AISI 304	664781*
	Ø 60,3 (2")	60,3	AISI 304	66781

• = New product.

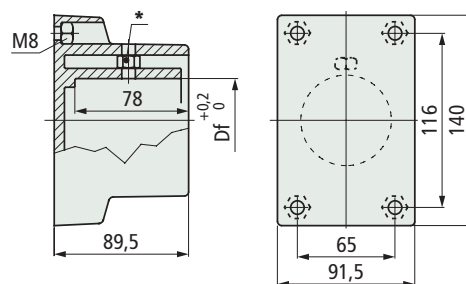
- Material : reinforced polyamide PA FV (black).
- Weight : 0,40 Kg.
- Max recommended tightening torque : 3,5 Kgm.
- Packaging : 8 pieces.

Part. 280



For round tubes

■ Bearing head



*=M8 seat set screw for tube locking

Part.	Tube dia. mm	Bore dia. Df mm	Code
141	Ø 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



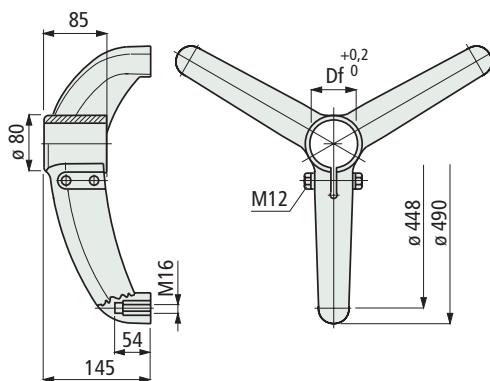
For round tubes

Part. 615



For round tubes

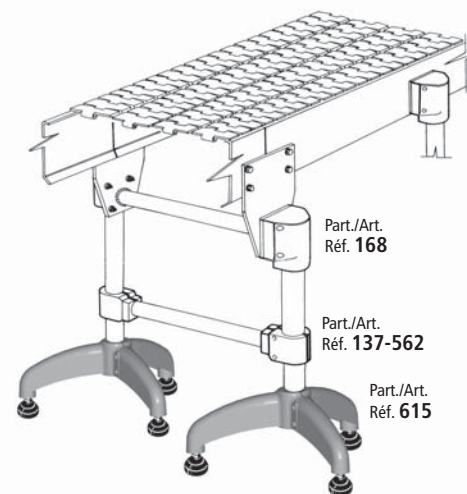
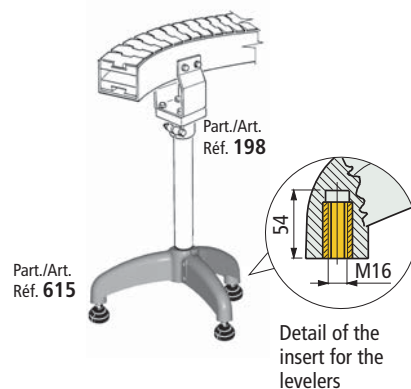
Support base (tripod)



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
	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
	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

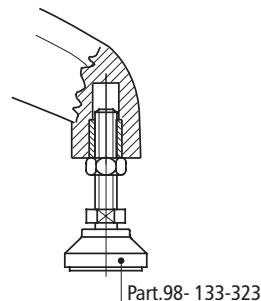


Sliding load resistance • Max applicable load

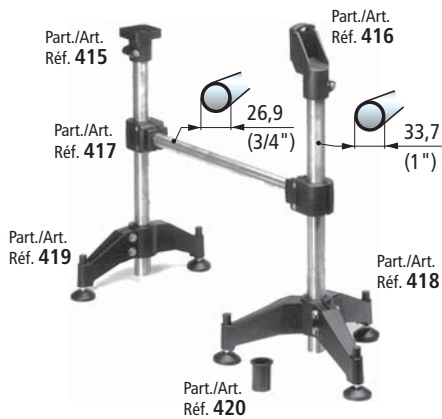


Tests performed at tightening torque : 3,6 Kgm

Types of levelers that can be used

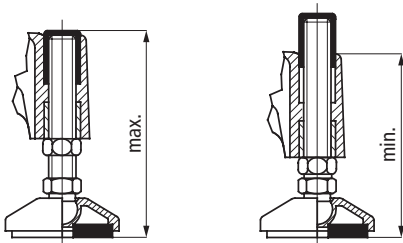


• Assembly of Part. 418



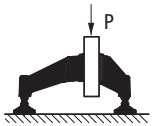
• Protective cap

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

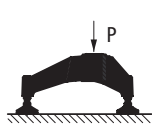


• Sliding load resistance

• Max applicable load



P = 3600 N

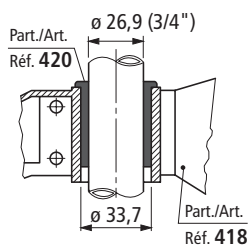


P = 7000 N

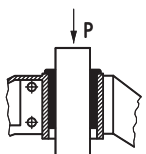
Tests performed at tightening torque : 2 Kgm

• Assembly Part. 420

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



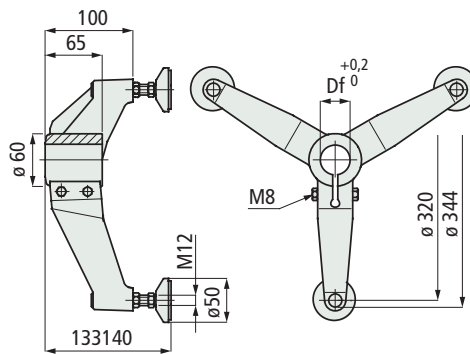
• Sliding load resistance



P = 3200 N

Tests performed at tightening torque : 2 Kgm

■ Support base (tripod)



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

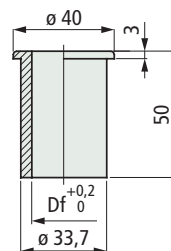
- Material : support base and foot plate in reinforced polyamide PA FV (black). Spindle in stainless steel AISI 303. Protective spindle cap in polyamide PA (black). Nickel plated brass threaded bushings. Anti-slip disc in black NBR rubber (70 shore).
- Weight : 0,81 Kg.
- Max recommended tightening torque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

Part. 418



For round tubes

■ Reduction bushing



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

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

Part. 420



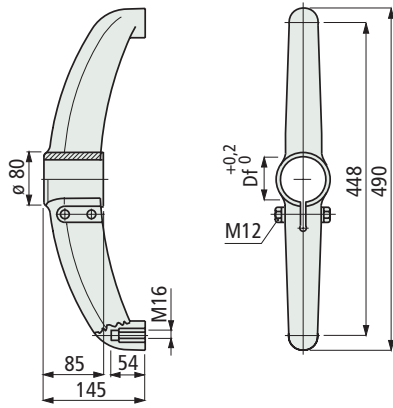
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 618



For round tubes

Support base (bipod)



Part.	Tube dia. mm	Bore dia. Df mm	Code
Bolts in stainless steel AISI 304			
618	38,1	38,1	624282
	42,4 (1" 1/4)	42,4	624292
	48,3 (1" 1/2)	48,3	624302
	50,8	50,8	624312
	60,3 (2")	60,3	624322
Bolts in zinc plated steel			
618	38,1	38,1	638792
	42,4 (1" 1/4)	42,4	638802
	48,3 (1" 1/2)	48,3	638812
	50,8	50,8	638822
	60,3 (2")	60,3	638832

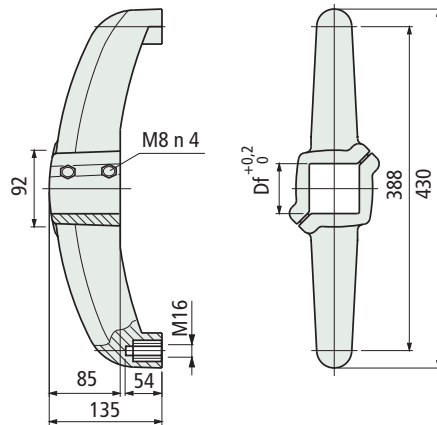
- Material : support base in reinforced polyamide PA FV (black), brass threaded bushings.
- Weight : 1,05 Kg.
- Max recommended tightening torque : 3,6 Kgm.
- Packaging : 12 pieces.

Part. 611



For square tubes

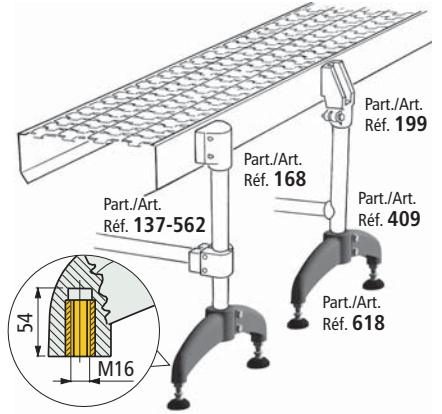
Support base (bipod)



Part.	Tube dimensions mm	Bore Df mm	Code	
			Closed version	Open version
611	40x40	40	615542	616082
	50x50	50	615552	616092
	60x60	60	615562	616102

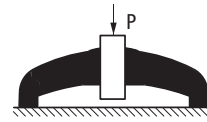
- Material : support base in reinforced polyamide PA FV (black), bolts in stainless steel AISI 304, tightening bushes in nickel plated brass, brass threaded bushings.
- Max recommended tightening torque : 2,5 Kgm.
- Weight : 0,9 Kg.
- Packaging : 10 pieces (20 half bases).

Assembly of Part. 618



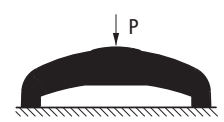
Detail of the insert for the levelers

Sliding load resistance



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

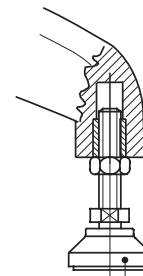
Max applicable load



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

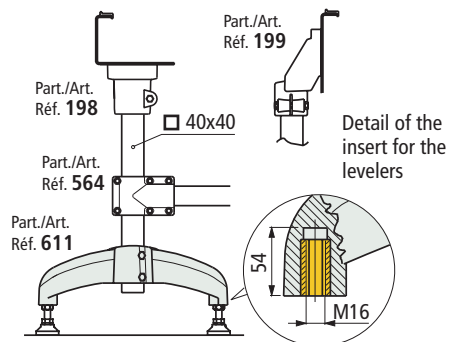
Tests performed at tightening torque : 3,6 Kgm (Part. 618), 2,5 Kgm (Part. 611)

Types of levelers that can be used



Part.98- 133-323

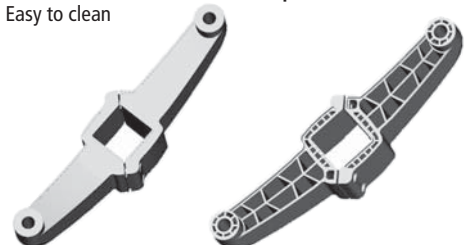
Assembly of Part. 611



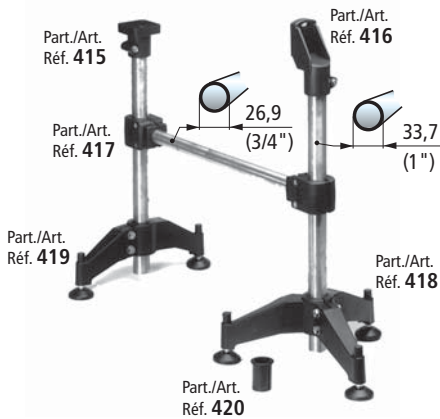
Part. 611 available versions

Closed version
Easy to clean

Open version

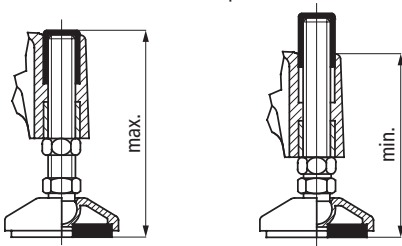


• Assembly of Part. 419

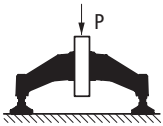


• Protective cap

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

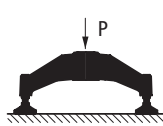


• Sliding load resistance



P = 3600 N

• Max applicable load

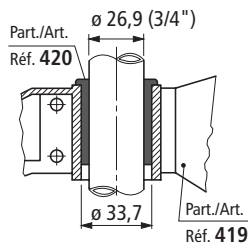


P = 7000 N

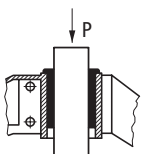
Tests performed at tightening torque : 2 Kgm

• Assembly of Part. 420

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



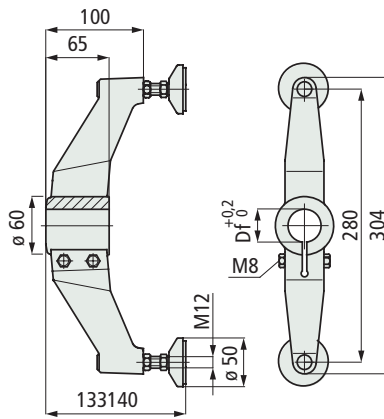
• Sliding load resistance



P = 3200 N

Tests performed at tightening torque : 2 Kgm

■ Support base (bipod)



Part. 419



For round tubes

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

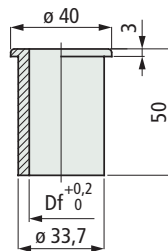
- Material : support base and foot plate in reinforced polyamide PA FV (black). Spindle in stainless steel AISI 303. Protective spindle cap in polyamide PA (black). Nickel plated brass threaded bushings. Anti-slip disc in black NBR rubber (70 shore).

- Weight : 0,57 Kg.

- Max recommended tightening torque : 2 Kgm.

- Packaging : 12 pieces.

■ Reduction bushing



Part. 420



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

- Material : polyamide PA (black).

- Packaging : 24 pieces.

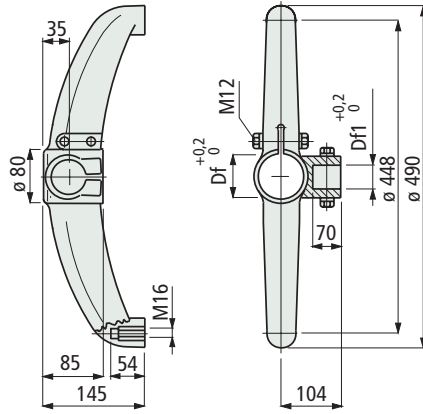
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 619



For round tubes

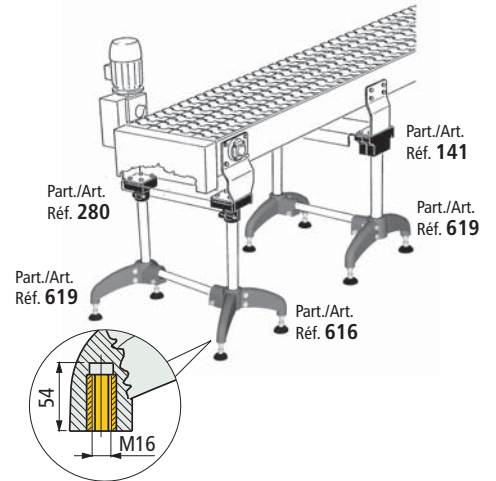
■ Support base (bipod)



Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
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	48,3 (1" 1/2)	48,3 (1" 1/2)	48,3	48,3	692052•
	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	48,3 (1" 1/2)	48,3 (1" 1/2)	48,3	48,3	600213•
	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

- = New product.
- 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.

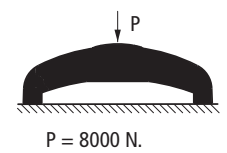
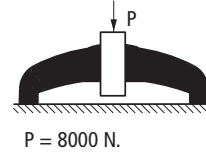
• Assembly of Part. 619



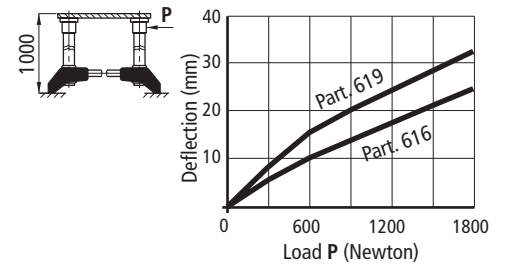
Detail of the insert for the levelers

• Sliding load resistance

• Max applicable load

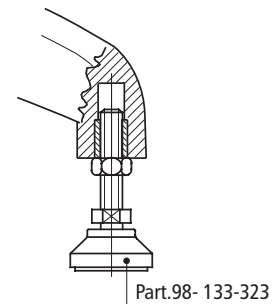


• Deflection

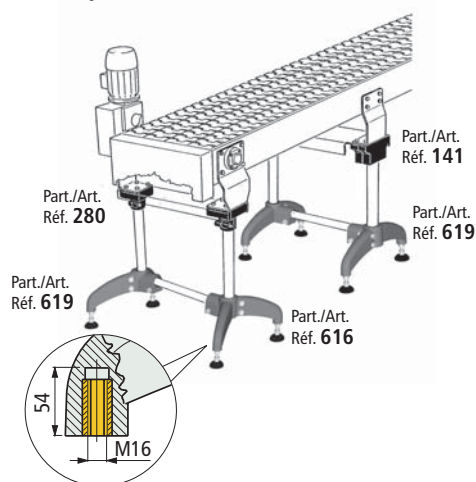


Tests performed at tightening torque : 3,6 Kgm

• Types of levelers that can be used

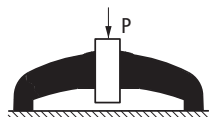


• Assembly of Part. 616



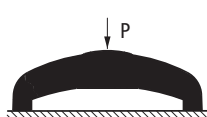
Detail of the insert for the levelers

• Sliding load resistance



P = 8000 N.

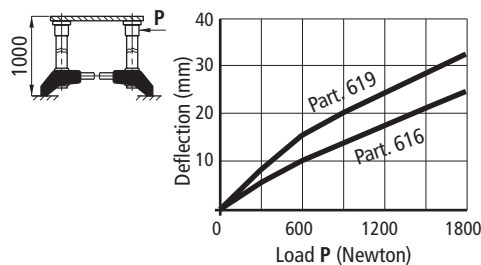
• Max applicable load



P = 8000 N.

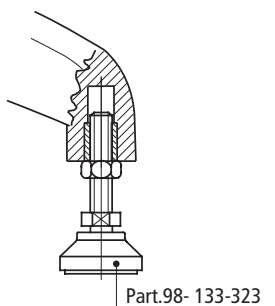
• Deflection

Part. 616 offers a better rigidity than Part. 619

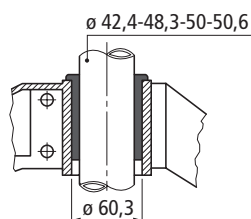


Tests performed at tightening torque : 3,6 Kgm

• Types of levelers that can be used

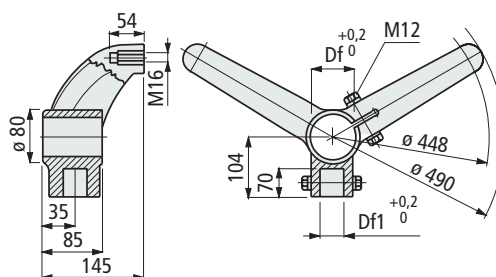


• Assembly of Part. 124



When applied on bases with bore Df=60,3 mm these can be used with dia. 42,4-48,3-50-50,6 mm tubes.

■ Support base (bipod)



Part. 616



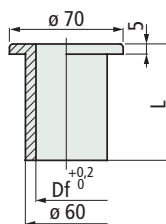
For round tubes

Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
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	48,3 (1 "1/2)	48,3 (1 "1/2)	48,3	48,3	611203•
	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	48,3 (1 "1/2)	48,3 (1 "1/2)	48,3	48,3	611213•
	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

• = New product.

- 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.

■ Reduction bushing



Part. 124



Part.	Tube dia. mm	Bore dia. Df mm	L mm	Code	Weight Kg
	Ø 42,4 (1 "1/4)	42,4	85	61980	
124	Ø 48,3 (1 "1/2)	48,3	50	692711*	0,10
			85	61970	
	Ø 50	50	85	51361*	
	Ø 50,8	50,8	85	61770	

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

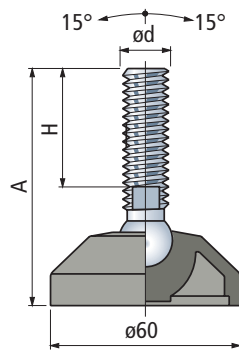
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

for Part. 615 - 618 - 611 - 619 - 616

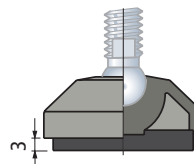
Part. 98



Articulated feet

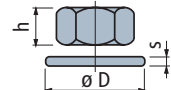


Accessories
Anti-slip



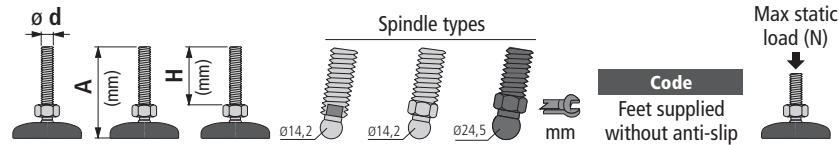
- Code : 630022.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



Code		h	ϕD	s		
Stainless steel AISI 304	Zinc plated steel	mm	mm	mm		
M16	630212	630142	13	24	30	3

Packaging : 8 pieces.



Spindle in stainless steel AISI 303		Spindle types		Code		Max static load (N)		
M 16				Feet supplied without anti-slip				
	100	64	1a	-	-	13	98/626012	
	115	81	1a	-	-	13	98/626022	10000
	160	124	1a	-	-	13	98/626032	
Spindle in zinc plated steel		Spindle types		Code		Max static load (N)		
M 16								
	95	61	1a	-	-	13	98/626102	
	100	68	-	2b	-	16	98/674171	
	125	89	-	2b	-	16	98/685741	10000
	130	96	1a	-	-	13	98/626112	
	150	116	1a	-	-	13	98/626122	
Spindle in reinforced polyamide (black) with steel pin		Spindle types		Code		Max static load (N)		
M 16	100	54	-	-	3	24	98/61920	6000

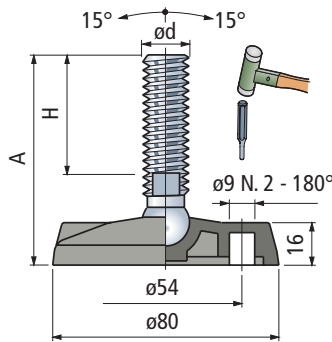
- Use : in combination with support bases Part. 615-618-611-619-616.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.

Part. 323

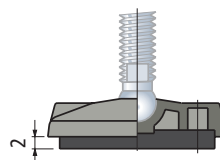


Articulated feet

Fixing holes, obtainable by breaking "diaphragm".

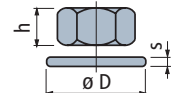


Accessories
Anti-slip



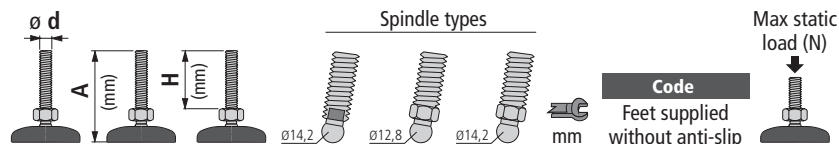
- Code : 630042.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



Code		h	ϕD	s		
Stainless steel AISI 304	Zinc plated steel	mm	mm	mm		
M16	630212	630142	13	24	30	3

Packaging : 8 pieces.



Spindle in stainless steel AISI 303		Spindle types		Code		Max static load (N)		
M 16				Feet supplied without anti-slip				
	95	64	1a	-	-	13	323/626582	10000
	100	72	-	2a	-	16	323/626852	9000
	110	81	1a	-	-	13	323/626592	10000
	155	124	1a	-	-	13	323/626602	
Spindle in zinc plated steel		Spindle types		Code		Max static load (N)		
M 16								
	95	68	-	-	2b	16	323/62353N	
	115	89	-	-	2b	16	323/686001N	
	125	96	1a	-	-	13	323/626682	10000
	145	116	1a	-	-	13	323/626692	
	150	124	-	-	2b	16	323/69935N	

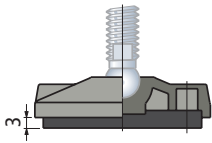
- Use : in combination with support bases Part. 615-618-611-619-616.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.

Articulated Feet

for Part. 615 - 618 - 611 - 619 - 616

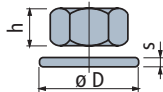
Accessories

Anti-slip



- Code : 630052.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer

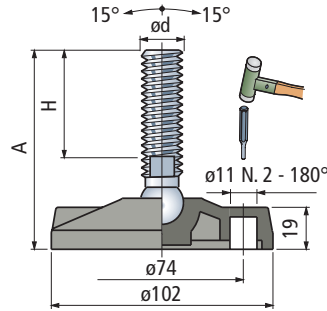


Code		h	s	øD		
Stainless steel AISI 304	Zinc plated steel	mm	mm	mm		
M16	630212	630142	13	24	30	3

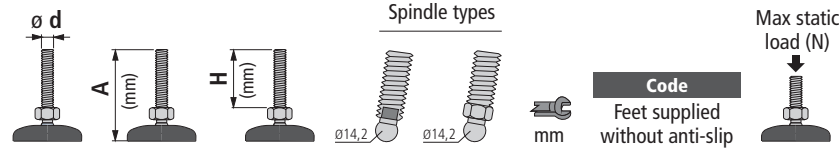
Packaging : 8 pieces.

Articulated feet

Fixing holes, obtainable by breaking "diaphragm".



Part. 133



Spindle in stainless steel AISI 303						
	100	64	1a	-	13	133/633202
M 16	115	81	1a	-	13	133/633212
	160	124	1a	-	13	133/633222
Spindle in zinc plated steel						
	95	61	1a	-	13	133/633292
	100	68	-	2b	16	133/679711N
M 16	125	89	-	2b	16	133/686421N
	130	96	1a	-	13	133/633302
	150	116	1a	-	13	133/633312

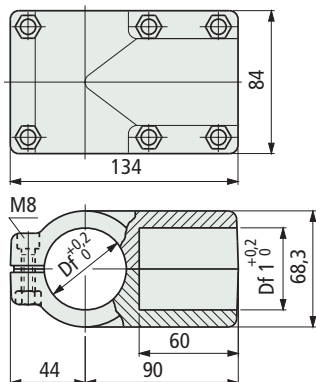
- Use : in combination with support bases Part. 615-618-611-619-616.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.

Part. 562



For round tubes

■ Connecting joint



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

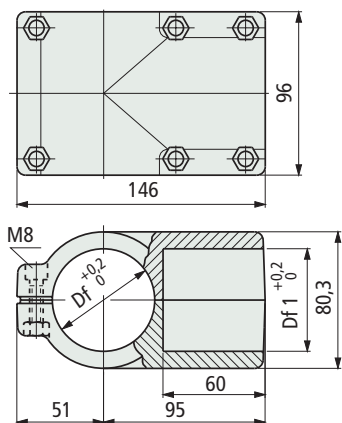
- Material : joint in reinforced polyamide PA FV (black). Tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Weight : 0,4 Kg.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 8 pieces.

Part. 563



For round tubes

■ Connecting joint

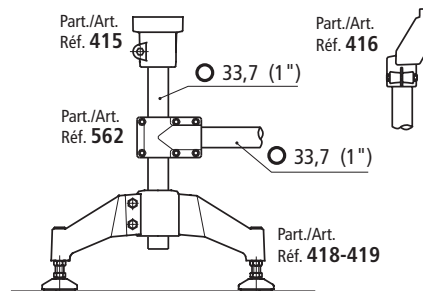


Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
563		Ø 33,7 (1")	50,8	33,7	697871
	Ø 50,8	Ø 42,4 (1 1/4)	50,8	42,4	605892
		Ø 48,3 (1 1/2)	50,8	48,3	605872
		Ø 50,8	50,8	50,8	669512*
563		Ø 33,7 (1")	60,3	33,7	605882
	Ø 60,3 (2")	Ø 42,4 (1 1/4)	60,3	42,4	605562
		Ø 48,3 (1 1/2)	60,3	48,3	697881
		Ø 60,3 (2")	60,3	60,3	697891

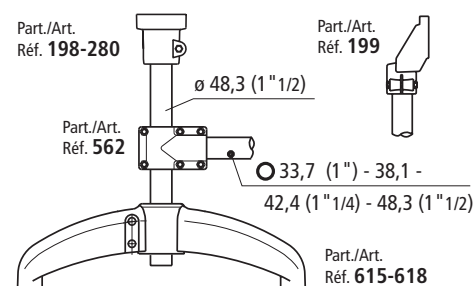
- * = New product.
- Material : joint in reinforced polyamide PA FV (black). Tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Weight : 0,5 Kg.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 8 pieces.

• Assembly of Part. 562

Example of assembly with vertical tubes Ø 33,7 mm

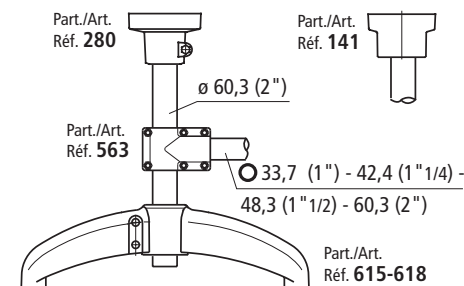


Example of assembly with vertical tubes Ø 48,3 mm

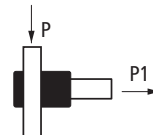


• Assembly of Part. 563

Example of assembly with vertical tubes Ø 60,3 mm



• Sliding load resistance

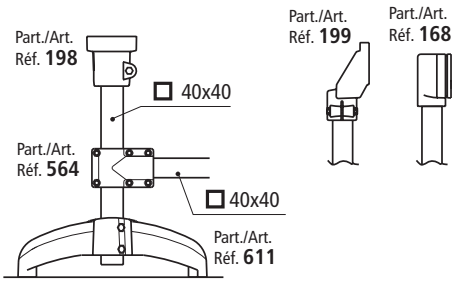


Part. 562 (P = 2000 N) - (P1 = 3500 N)
Part. 563 (P = 1500 N) - (P1 = 3000 N)

Tests performed at tightening torque : 1,5 Kgm

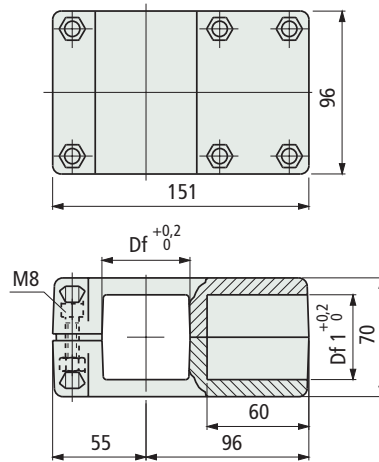
• Assembly of Part. 564

Example of assembly with vertical tubes ∇ 40 mm



■ Connecting joint

Part. 564



For square tubes

Part.	Tube dimensions mm	Bore Df mm	Bore Df1 mm	Code
564	∇ 38x38	∇ 38	∇ 38	698531
	∇ 40x40	∇ 40	∇ 40	698541
	∇ 45 x45	∇ 45	∇ 45	607112
	∇ 50x50	∇ 50	∇ 50	698551

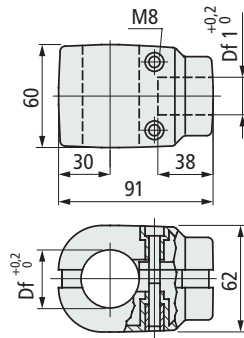
- Material : joint in reinforced polyamide PA FV (black). Tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Weight : 0,5 Kg.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 8 pieces.

Part. 417



For round tubes

■ Connecting joint



Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. mm	Bore dia. Df1 mm	Code
417	Ø 33,7 (1")	Ø 26,9 (3/4")	33,7	26,9	69368

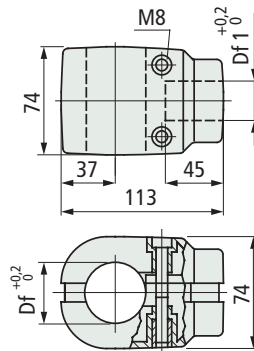
- Material : joint in reinforced polyamide PA FV (black). Tightening bolts in stainless steel AISI 304.
- Weight : 0,21 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 24 pieces.

Part. 454



For round tubes

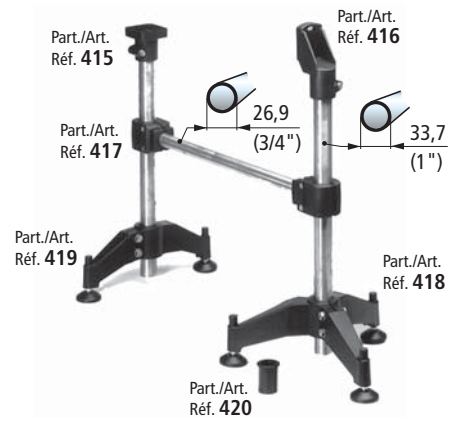
■ Connecting joint



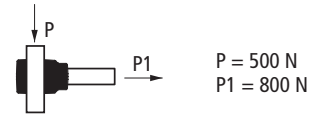
Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. mm	Bore dia. Df1 mm	Code
454	Ø 42,4 (1 1/4")	Ø 33,7 (1")	42,4	33,7	69378

- 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



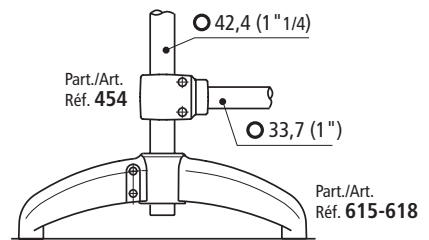
• Sliding load resistance



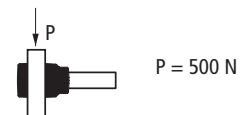
Tests performed at tightening torque : 2 Kgm

• Assembly of Part. 454

Example of assembly with vertical tubes Ø 42,4 mm



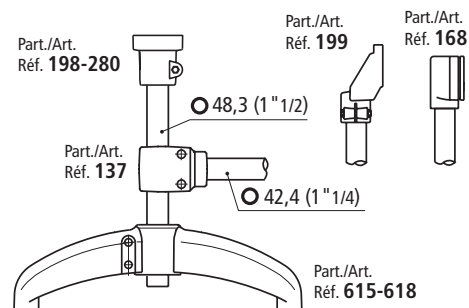
• Sliding load resistance



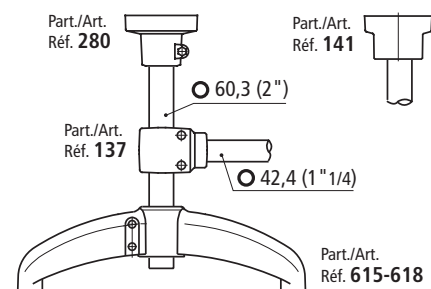
Tests performed at tightening torque : 2 Kgm

• Assembly of Part. 137

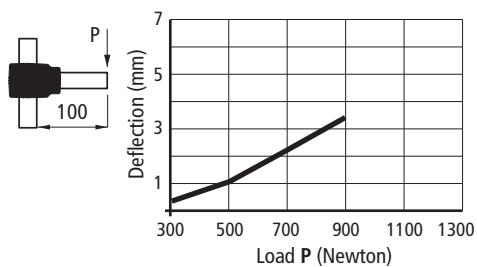
Example of assembly with vertical tubes $\varnothing 48,3$ mm



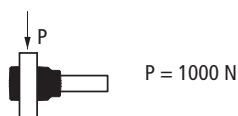
Example of assembly with vertical tubes $\varnothing 60,3$ mm



• Deflection

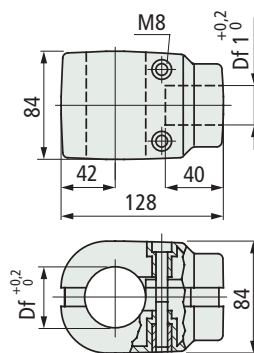


• Sliding load resistance



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. Df1 mm	Code
137	$\varnothing 48,3$ (1 1/2)	$\varnothing 42,4$ (1 1/4)	48,3	42,4	66813
	$\varnothing 60,3$ (2")	$\varnothing 42,4$ (1 1/4)	60,3	42,4	65020

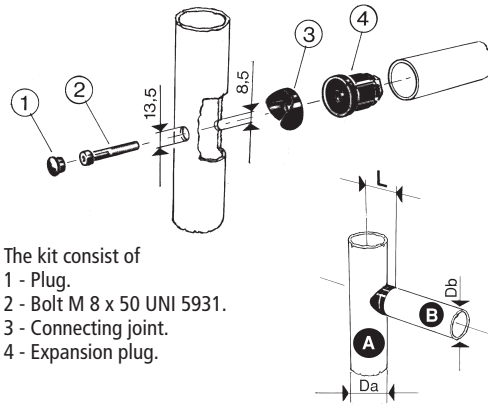
- Material : joint in reinforced polyamide PA FV (black). Tightening screws in stainless steel AISI 304, cadmium plated brass threaded bushings.
- Weight : 0,44 Kg.
- Max recommended tightening torque : 1 Kgm.
- Packaging : 8 pieces.

Part. 137

Part. 409



■ Connecting joint



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

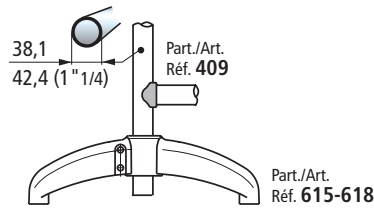
Part.	Tube A dia. ¹⁾ Da mm	Tube B dia. Db mm	Tube B Thickness mm	Code	L mm
	Ø 38	Ø 38	1,5	63277*	31
	Ø 42,4 (1" 1/4)	Ø 38	1,5	63287*	33,2
409	Ø 42,4 (1" 1/4)	Ø 42,4 (1" 1/4)	1,5	63337	
	Ø 48,3 (1" 1/2)	Ø 38	1,5	63297	36,2
	Ø 48,3 (1" 1/2)	Ø 42,4 (1" 1/4)	1,5	63347	
	Ø 60,3 (2")	Ø 42,4 (1" 1/4)	1,5	63357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

1) = Various dimensions

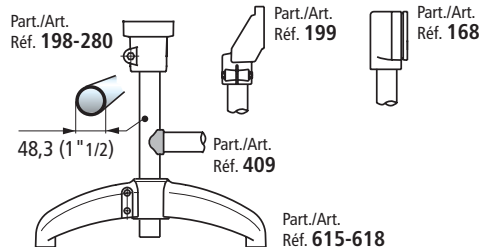
- Material : Plug in PVC (black). Bolt in stainless steel AISI 304. Connecting joint in reinforced polyamide PA FV (black). Expansion plug : body in reinforced polyamide PA FV (black), cone in brass.
- Weight : 0,29 Kg.
- Max recommended tightening torque : 2,5 Kgm.
- Packaging : 50 Kit.

• Assembly of Part. 409

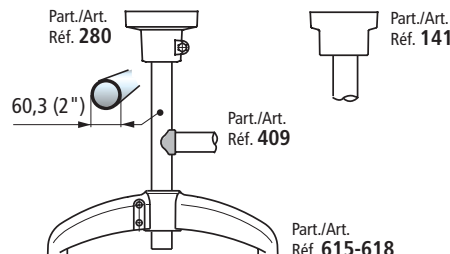
Example of assembly with vertical tubes Ø 38,1 and 42,4 mm



Example of assembly with vertical tubes Ø 48,3 mm



Example of assembly with vertical tubes Ø 60,3 mm

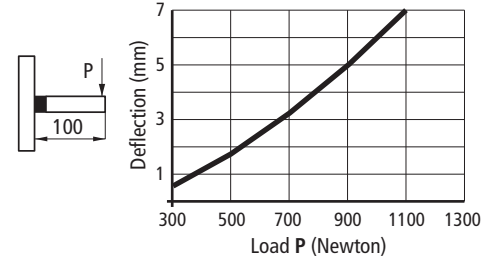


* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• Characteristics

High sanitation. Allows connection joints at any angle.

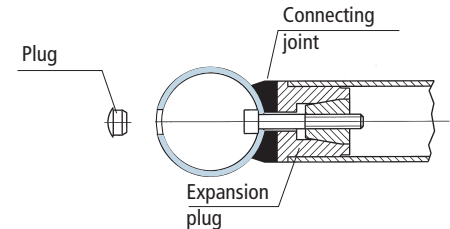
• Deflection



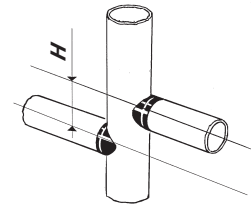
Tests performed at tightening torque : 2,5 Kgm

• Assembly

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



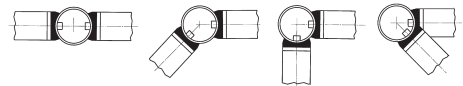
• Offset tube joints



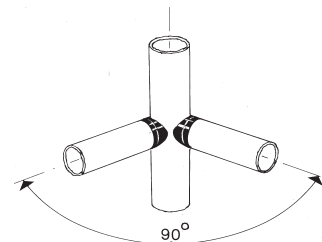
Minimum offset value

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.

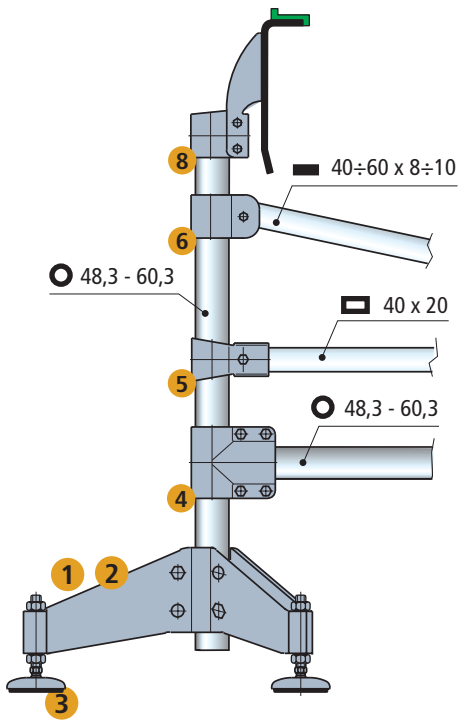


• Coaxial tube joints

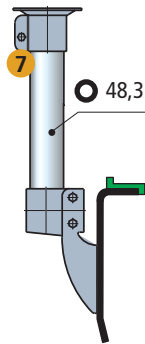


With more than one Ø 60,3 x 42,4 tube (code 63357) at the same point, only 90 joints can be made.

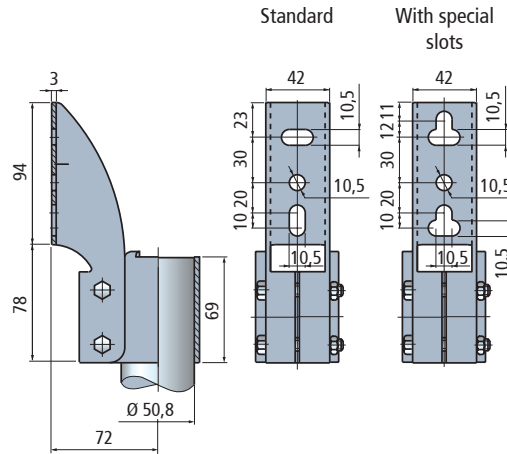
Part. 685



- 1 - Part. 706.
- 2 - Part. 707.
- 3 - Part. 623-627.
- 4 - Part. 686.
- 5 - Part. 688.
- 6 - Part. 689.
- 7 - Part. 690.
- 8 - Part. 685.



Side mounting top brackets



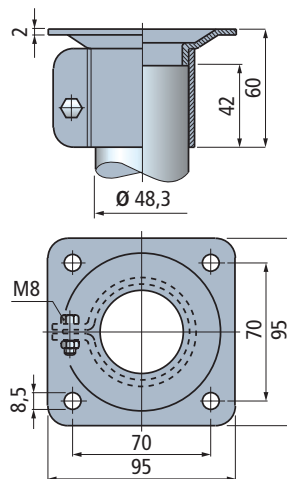
Part.	Tube dia. mm	Code	Code	Weight kg
		Standard	With special slots	
685	48,3 (1" 1/2)	684502	610223	0,70
	50,8	605143	610233	0,75
	60,3 (2")	696122	610243	0,80

- Material : top bracket and bolts in stainless steel AISI 304.
- Packaging : 4 pieces.



New Product

Bearing heads



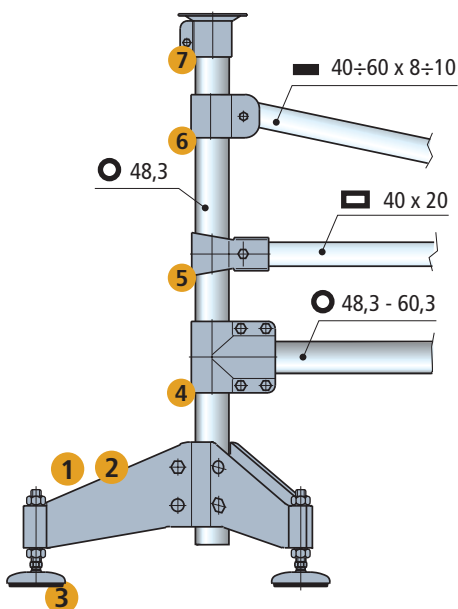
Part.	Tube dia. mm	Code	Weight kg
		690	

- Material : top bracket and bolts in stainless steel AISI 304.
- Packaging : 4 pieces.

Part. 690



New Product

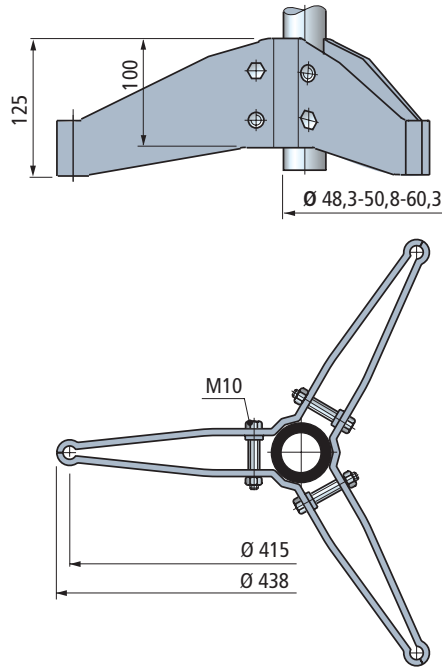


Part. 707



New Product

Support bases (tripod)



Part.	Tube dia. mm	Code	Weight kg
707	48,3 (1"1/2)	685062	2,61
	50,8	609963	
	60,3 (2")	685862	

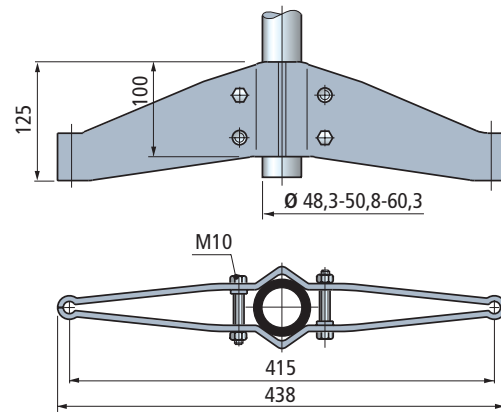
- Material : support base and bolts in stainless steel AISI 304.
- Packaging : 1 piece.

Part. 706



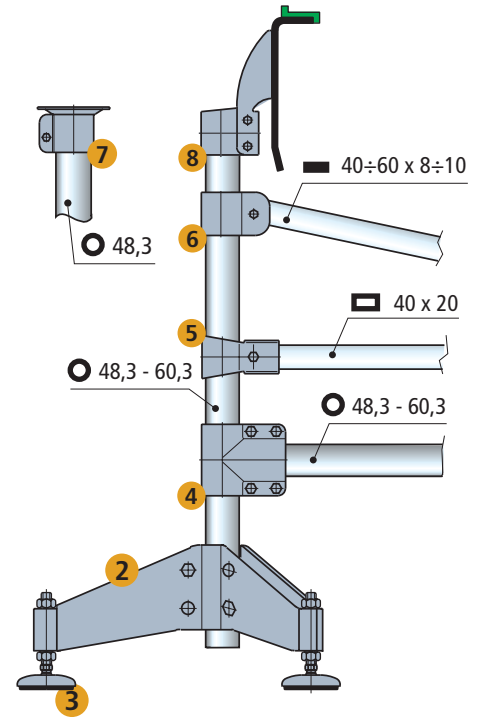
New Product

Support bases (bipod)

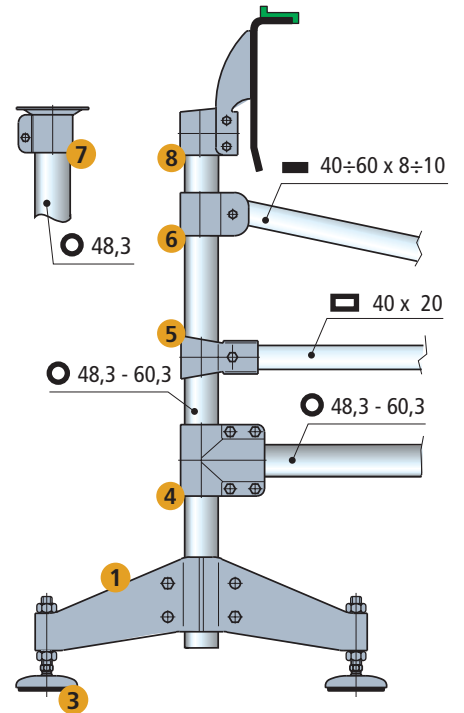


Part.	Tube dia. mm	Code	Weight kg
706	48,3 (1"1/2)	685052	1,88
	50,8	609953	
	60,3 (2")	685852	

- Material : support base and bolts in stainless steel AISI 304.
- Packaging : 2 piece.



- 1 - Part. 706.
- 2 - Part. 707.
- 3 - Part. 623-627.
- 4 - Part. 686.
- 5 - Part. 688.
- 6 - Part. 689.
- 7 - Part. 690.
- 8 - Part. 685.

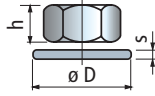


Articulated Feet

for Part. 706 - 707

Accessories

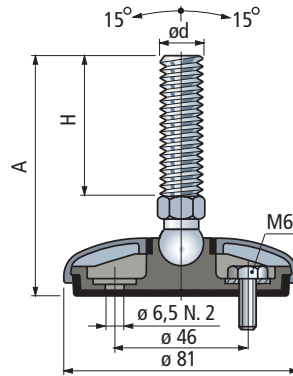
Nut + Washer



Code	h mm	s mm	øD mm
M16 630212	13	24	30

- Material : stainless steel AISI 304.
- Packaging : 8 pieces.

Articulated feet Gripper



Part. 627

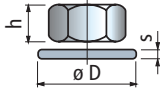


Code	A (mm)	H (mm)	Spindle types			Code	Code	Max static load (N)
			ø14,2	mm	mm			
M 16	100	64	1a	13		627/642112	627/647332	12000
	115	81	1a	13		627/642122	627/647342	
	160	124	1a	13		627/642132	627/647352	

- Use : in combination with support bases Part. 706-707.
- 1) = Feet can be fixed to the floor.
- Material : spindle in stainless steel AISI 303. Protection cap in stainless steel AISI 304.
- Base in reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Packaging : 24 pieces.
- Foot base is supplied with Microban® antibacterial protection.
- By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.

Accessories

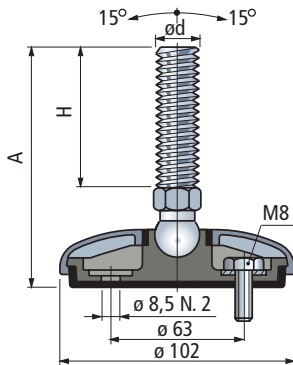
Nut + Washer



Code	h mm	s mm	øD mm
M16 630212	13	24	30

- Material : stainless steel AISI 304.
- Packaging : 8 pieces.

Articulated feet Gripper



Part. 623



Code	A (mm)	H (mm)	Spindle types			Code	Code	Max static load (N)	
			ø14,2	ø24,5	ø24,5				mm
M 16	105	64	1a	-	-	13	623/643732	623/647412	19500
	115	74	-	-	6b	24	623/637512	623/647422	
	115	65	-	1b	-	13	623/640482*	623/647432*	
	120	81	1a	-	-	13	623/643742	623/647442	
	150	109	-	-	6b	24	623/637522	623/647452	
	150	100	-	1b	-	13	623/640492*	623/647462*	

- Use : in combination with support bases Part. 706-707.
- 1) = Feet can be fixed to the floor.
- Material : spindle in stainless steel AISI 303. Protection cap in stainless steel AISI 304.
- Base in reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Packaging : 24 pieces.
- Foot base is supplied with Microban® antibacterial protection.
- By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.

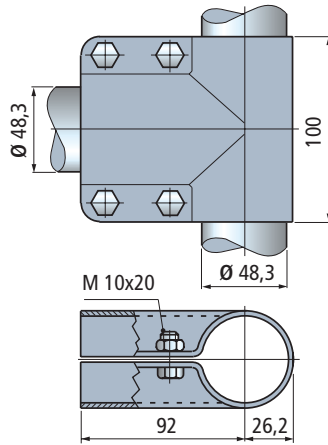
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 686



For tubes Ø 48,3 mm
New Product

■ Connecting joints



Part.	Tube dia. mm	State of supply	Code	Weight kg
686	48,3 (1" 1/2)	With bolts	684512	0,64
		Without bolts	684522	

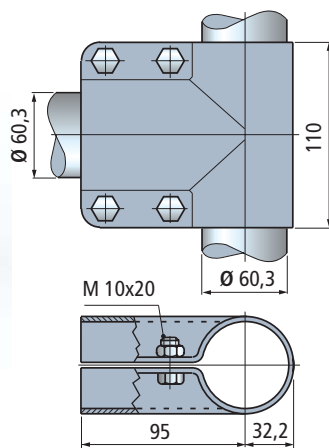
- Material : joint and bolts in stainless steel AISI 304.
- Packaging : 4 pieces.

Part. 687



For tubes Ø 60,3 mm
New Product

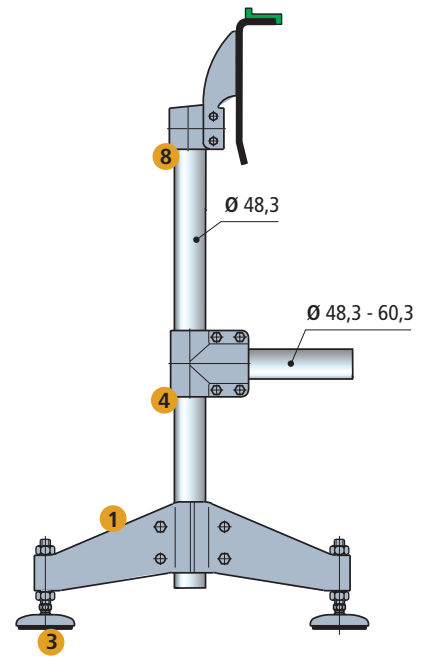
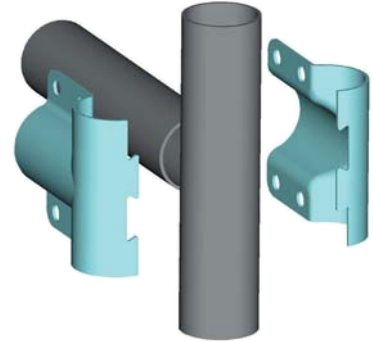
■ Connecting joints



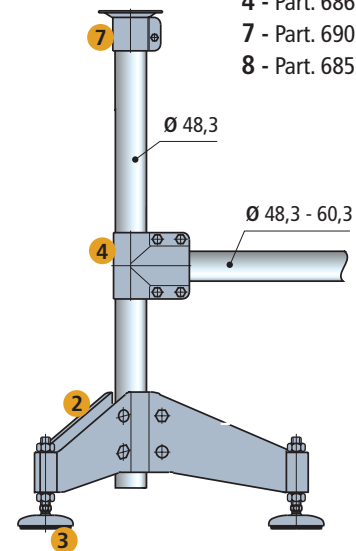
Part.	Tube dia. mm	State of supply	Code	Weight kg
687	60,3 (2")	With bolts	684532	0,70
		Without bolt	684542	

- Material : joint and bolts in stainless steel AISI 304.
- Packaging : 4 pieces.

• Assembly Part. 686-687

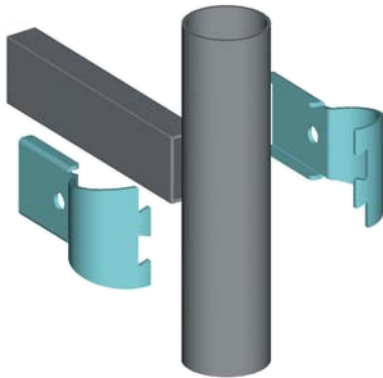


- 1 - Part. 706.
- 2 - Part. 707.
- 3 - Part. 623-627.
- 4 - Part. 686.
- 7 - Part. 690.
- 8 - Part. 685.

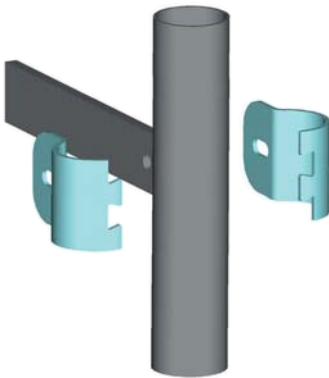


• Assembly

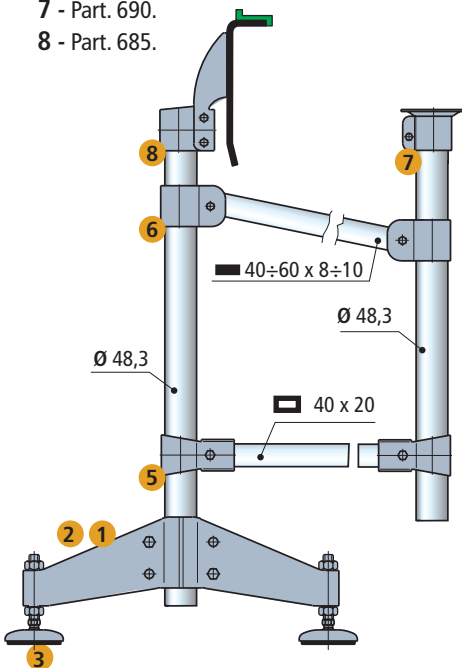
Part. 688



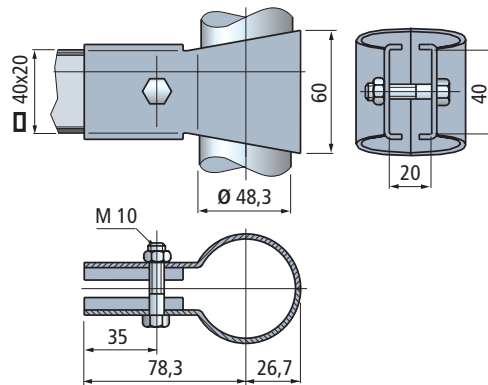
Part. 689



- 1 - Part. 706.
- 2 - Part. 707.
- 3 - Part. 623-627.
- 5 - Part. 688.
- 6 - Part. 689.
- 7 - Part. 690.
- 8 - Part. 685.



■ Connecting joints



Part.	Tube dia. mm	Rectangular tube mm	Code	Weight kg
688	48,3 (1"1/2)	40x20	684552	0,35

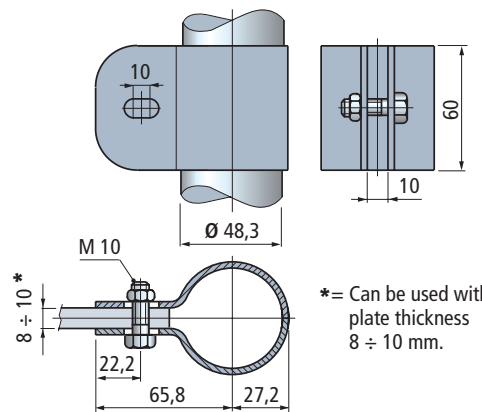
- Material : joint and bolts in stainless steel AISI 304.
- Packaging : 8 pieces.

Part. 688



New Product

■ Connecting joints



Part.	Tube dia. mm	Code	Weight kg
689	48,3 (1"1/2)	684562	0,37
	50,8	609943*	

- * : available upon request and minimum order quantity.
- Material : joint and bolts in stainless steel AISI 304.
- Packaging : 8 pieces.

Part. 689

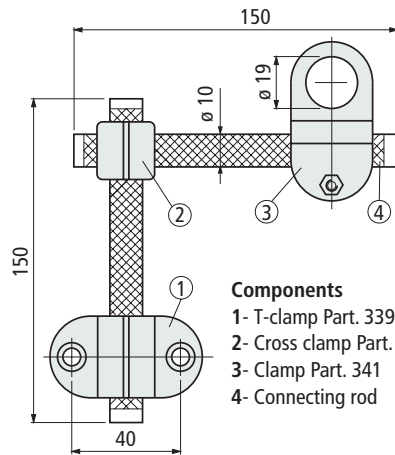


New Product

Part. 342



■ Assembly kit for photocells or sensors



- Components**
 1- T-clamp Part. 339
 2- Cross clamp Part. 340
 3- Clamp Part. 341
 4- Connecting rod

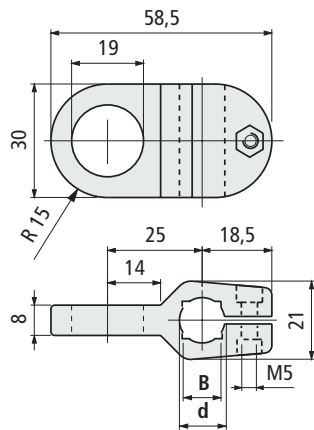
Part.	Code	Weight kg
342	605153N	0,14

- Material : clamps in reinforced polyamide PA FV (black), tightening bolt and connecting rods in stainless steel AISI 304.
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 Kit.

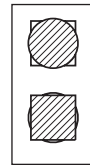
Part. 341



■ Clamp for photocells or sensors



Assembly of round and square rods

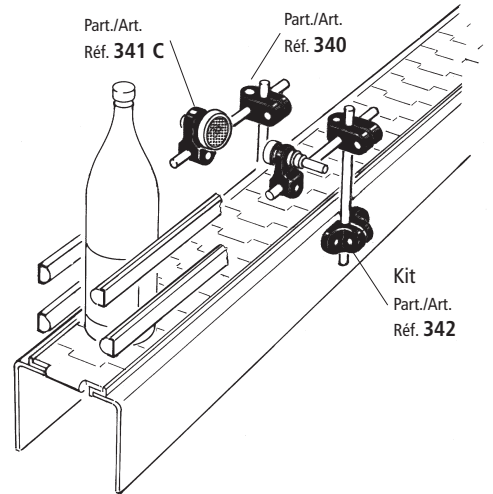


Part.	Tightening bolt material	Rod dia.		Code	Weight kg
		d mm	Square rod B mm		
341	Stainless steel AISI 304	10	8	68383	0,02
		12	10	68395	
		14	12	67385	
341	Zinc plated steel	10	8	627061	0,02
		12	10	627071	
		14	12	627081	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

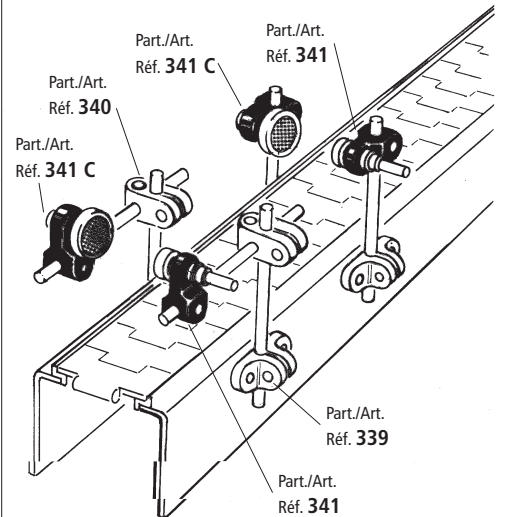
• Assembly of Part. 342

Dia. 18 mm photocells or sensors



• Assembly of Part. 341

Dia. 18 mm photocells or sensors

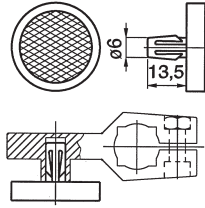


Line Control Elements

• **Assembly of Part. 341 C**

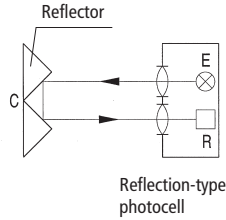
Types of reflectors that can be mounted :

Reflector with clip-on fixing pin: press-fit between clip and clamp hole.



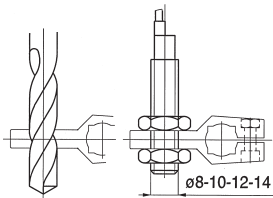
• **Operating principle**

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.

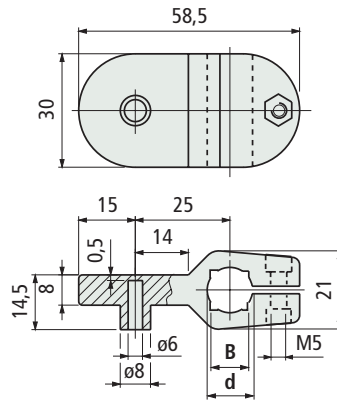


• **Assembly of photocells or sensors**

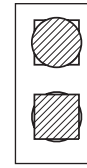
The clamp can also be drilled to hold dia. 8-10-12-14 mm photocells or sensors.



■ **Clamp for reflectors**



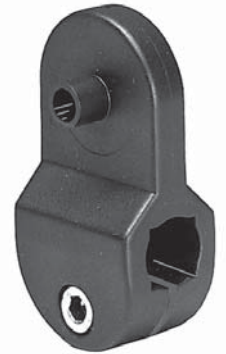
Assembly of round and square rods



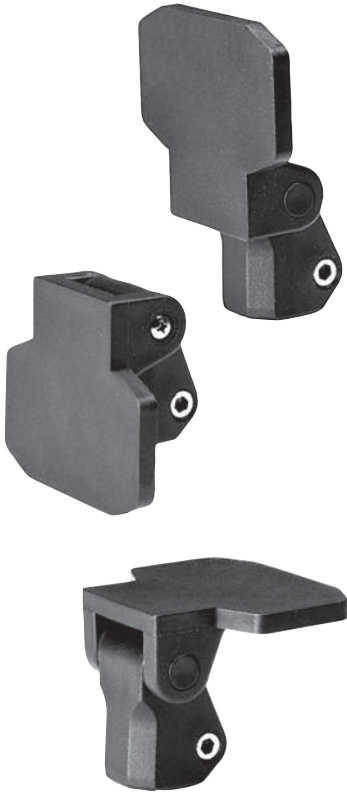
Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
341C	Stainless steel AISI 304	10	8	C6721500	0,02
		12	10	C6912500	
		14	12	C6913500	
	Zinc plated steel	10	8	C6270910	
		12	10	C6271010	
		14	12	C6271110	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

Part. 341C

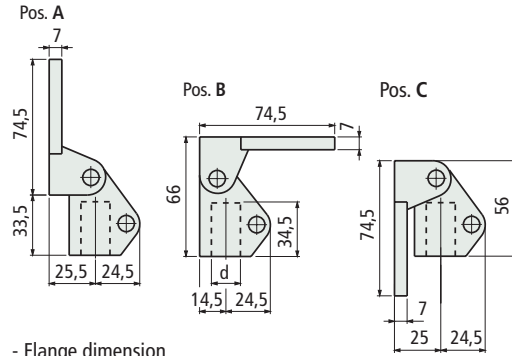


Part. 372

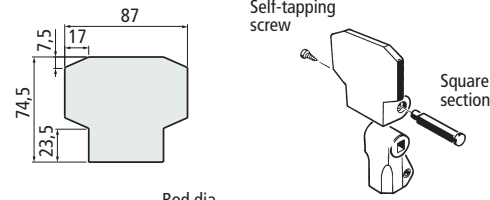


■ Universal clamp for photocells or reflectors

- Can be fitted in positions A - B - C



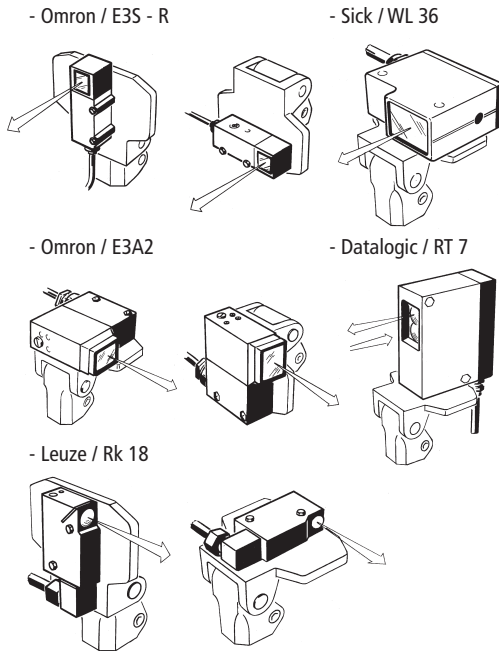
- Flange dimension



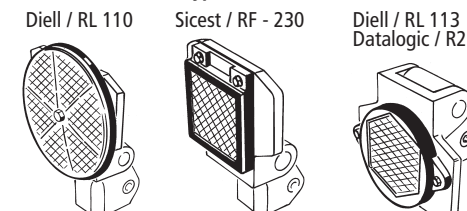
Part.	Rod dia. d mm	Code	Weight kg
372	14	61786	0,12
	15	61796	
	16	61806	
	18	61816	
	20	61826*	

- 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.

• Suitable photocell types

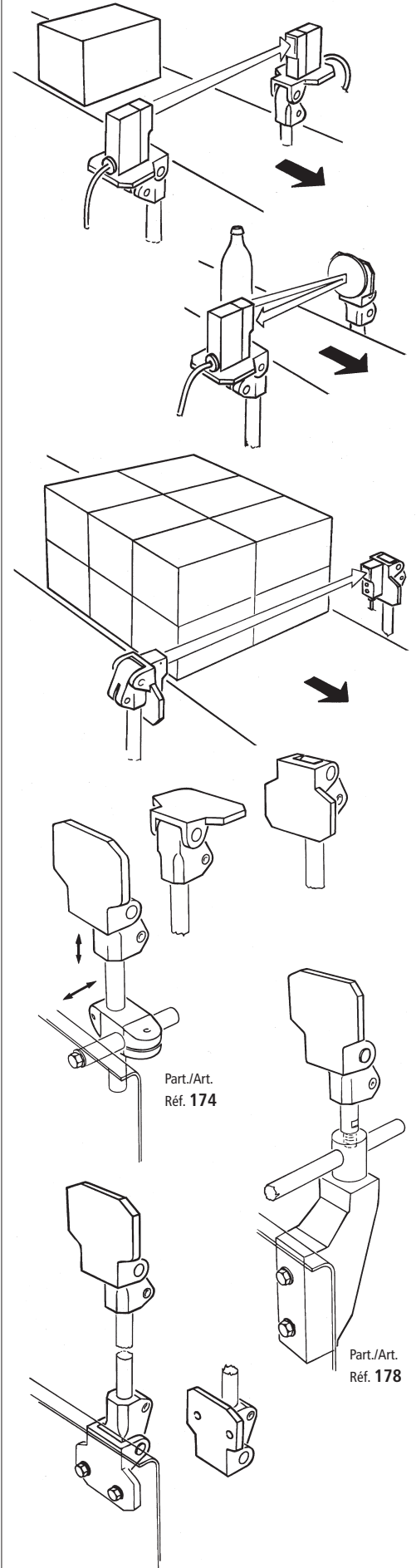


• Suitable reflector types



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

• Assembly of Part. 372



Line Control Elements

Part. 518

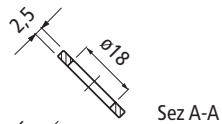
Use

Contact lever ideal to mechanically check the presence of products. Works in conjunction with photocells or magnetic sensor (proximity sensor).

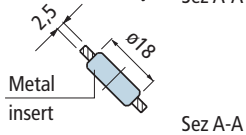
Versions

The control contact lever is supplied in three versions according to the type of sensor to be used.

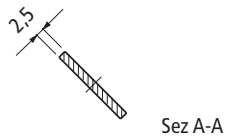
1) With hole (no insert).



2) With hole and metal insert (for magnetic sensor).

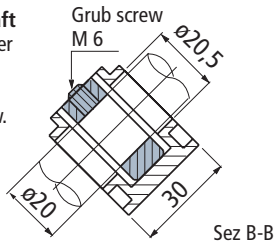


3) Without hole



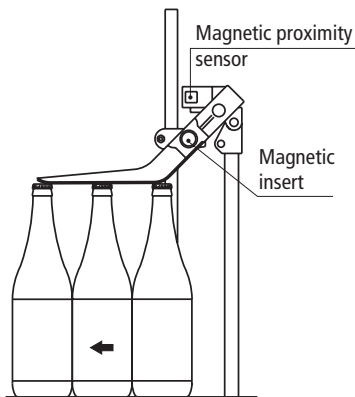
Assembly on the shaft

The control contact lever can be axially fixed on the shaft with a metal collar and a grub screw.

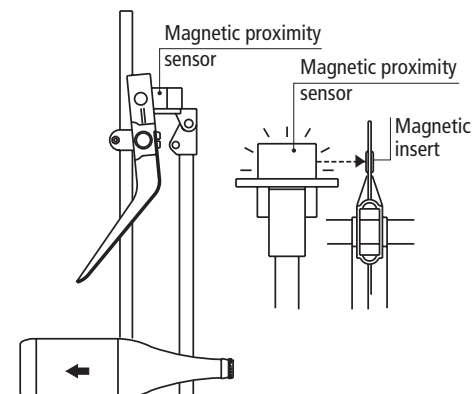


Assembly of Part. 518 (with insert for magnetic sensor)

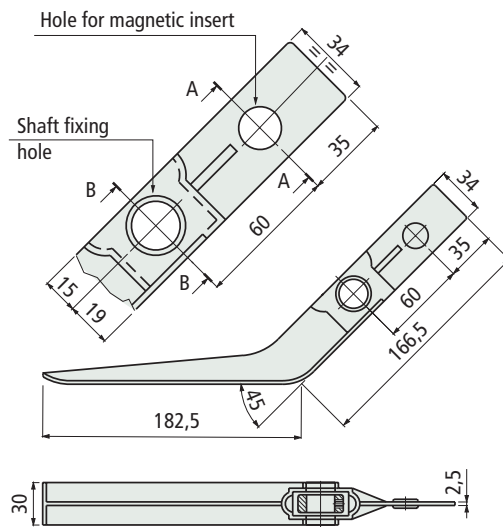
In regular conditions the control contact lever is high and magnetic proximity sensor does not detect the presence of magnetic insert.



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



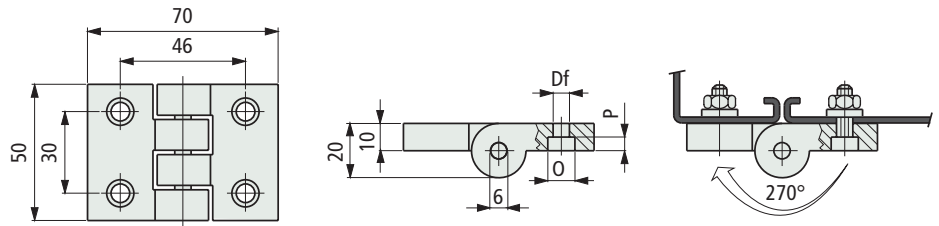
Part.	Version	Code	Weight kg
	With hole (no insert)	642941N	
518	With hole and metal insert	642951N	0,1
	Without hole	696021N	

- 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.

Part. **337**



■ 270° hinge



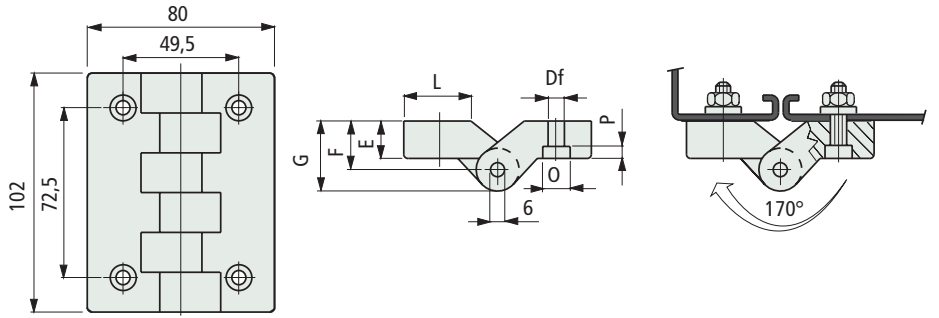
Part.	Fixing screws dia.	Code	Df dia. mm	0 mm	P mm	Weight gr	Packaging No. of pieces
337	M 6	67023	6,5	10,5	6	55	24
	M 8	60334	8,5	13,5	4		

- Material : hinge in polyamide PA (black). Pin in stainless steel AISI 430 F.
 - Max recommended tightening torque : 0,5 Kgm.

Part. **260**



■ 170° hinge

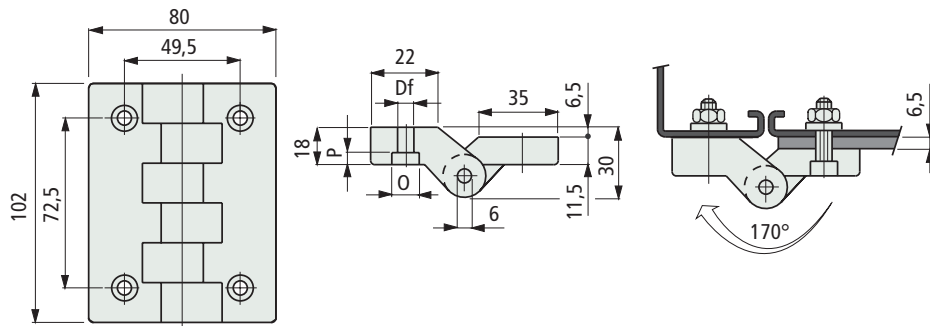


Part.	E mm	Fixing screws dia.	Code	ø Df mm	F mm	G mm	0 mm	P mm	L mm	Weight gr	Packaging No. of pieces
260	11,5	M 6	65021	6,5	14,5	23,5	10,5	6	35	110	20
		M 8	66546	8,5			13,5	8			
	18	M 6	65011	6,5	21	30	10,5	6	22	130	
		M 8	66556	8,5			13,3	8			

- 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).

■ 170° hinge

Part. **260**



Part.	Fixing screws dia.	Code	∅ Df mm	0 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).

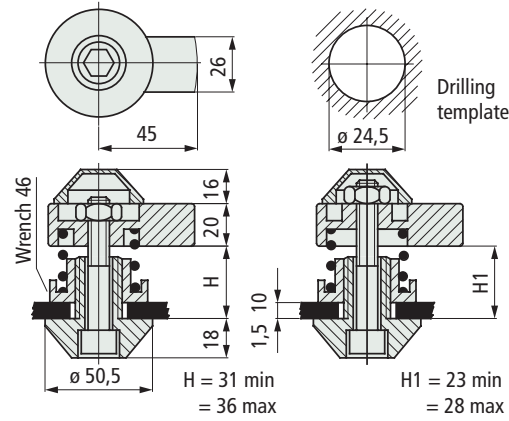
For misaligned mounting surfaces

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

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

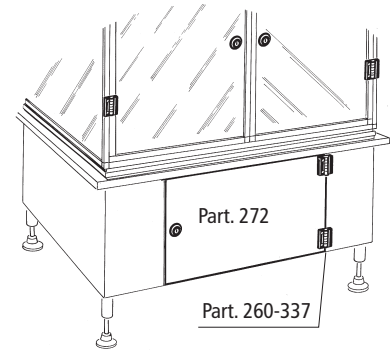
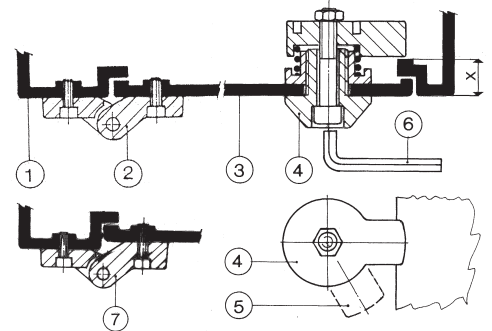


Fig. 1



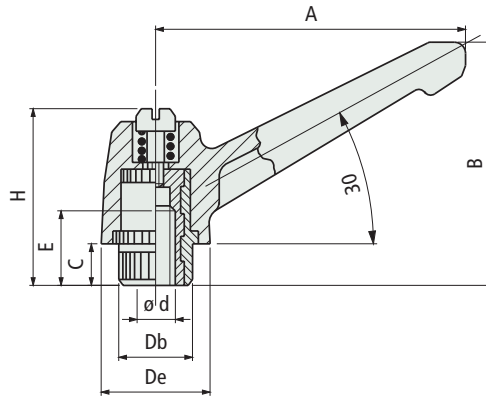
- 1- Machine structure.
- 2- Hinge Part. 260-337.
- 3- Door.
- 4- Lock Part. 272 (in closed position).
- 5- Lock Part. 272 (in open position).
- 6- Lock key (with exagonal 10 wrench).
- 7- Hinge Part. 260 (for misaligned mounting surfaces).

Ratchet handle clamping

Part. **302**

Part.	Bore dia. d	A	B	C	E	H	Db	De	Code
	mm	mm	mm	mm	mm	mm	mm	mm	
M 6	40	40	7	12	32	11,5	16	60902	
302 M 8	55	51	10	14	37	15	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).

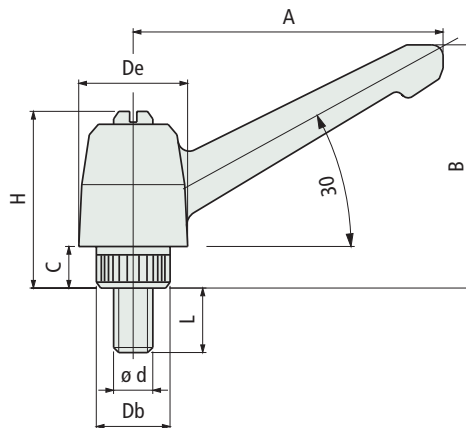


Ratchet handle clamping

Part. **303**

Part.	Bore dia. d	A	B	C	L	H	Db	De	Code
	mm	mm	mm	mm	mm	mm	mm	mm	
M 5	40	40	7	20	32	11,5	16	646742	
303 M 6	40	40	7	20	32	11,5	16	60922	
M 8	55	51	10	25	37	15	20	60872	
M 10	79	67	11	30	48	20	28	60942	

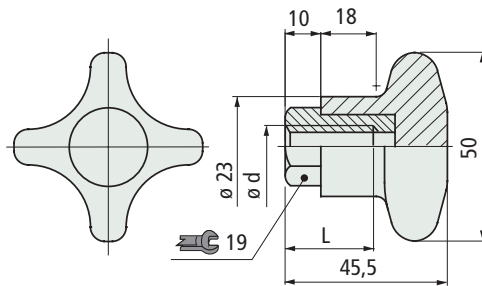
- Material : handle in reinforced polyamide in PA FV (black), spindle in stainless steel AISI 303.
- Packaging :
with d = M 5, M 6 and M 8 (100 pieces).
with d = M 10 (50 pieces).



Part. 182



■ Tightening knob



Part.	Thread dia. d	Code	L mm
Threaded insert in stainless steel AISI 303			
182	M 6	645111N*	23
	M 8	649961N*	
	M 10	649971N*	
	M 12	645141N*	
Threaded insert in nickel plated brass			
182	M 10	54911	28

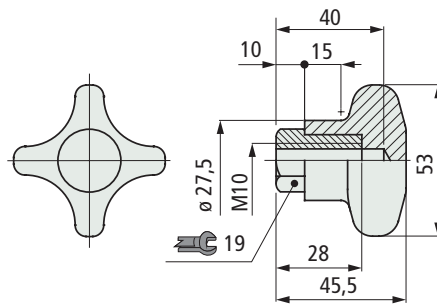
* = New product.

- 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

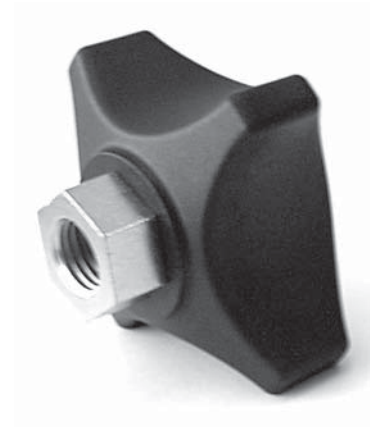
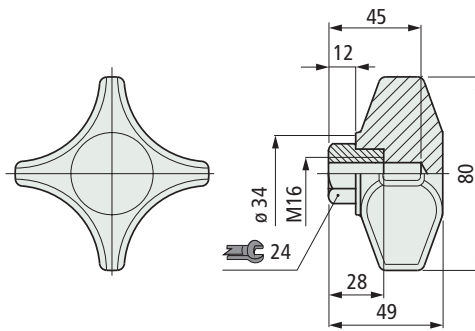
- Material : knob in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 2,5 Kgm (manual tightening), 4 Kgm (tightening with wrench).
- For high tightening torques apply a 19 mm wrench to the hexagon of the insert.
- Packaging : 50 pieces.

■ Tightening knob

Part. **625**

Part.	Code
625	641372

- Material : knob in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 3 Kgm (manual tightening), 5 Kgm (tightening with wrench).
For high tightening torques apply a 24 mm wrench to the hexagon of the insert.
- Packaging : 50 pieces.

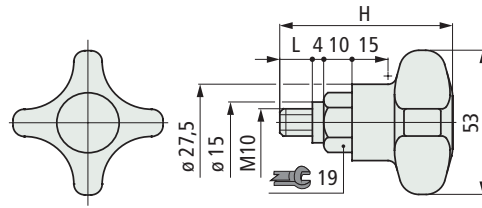


Part. 185

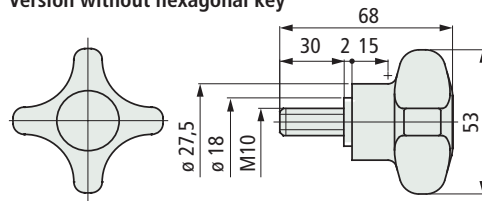


■ Tightening knob

Version with hexagonal key



Version without hexagonal key



Part.	Material knob	L mm	Code	H mm
Version with hexagonal key				
185	Reinforced Polyamide PA FV (black)	11	53081	61
	Reinforced Polypropylene PP FV (grey)	30	683832*	80
Version without hexagonal key				
185	Reinforced Polyamide PA FV (black)	—	698942*	—

* = New product.

- Use : version with knob in reinforced Polypropylene PP FV (grey), gives a better resistance to chemical agents.
- Material : knob in reinforced polyamide PA FV (black), (threaded insert in nickel plated brass). With knob in reinforced Polypropylene PP FV (threaded insert in stainless steel AISI 303).
- 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.

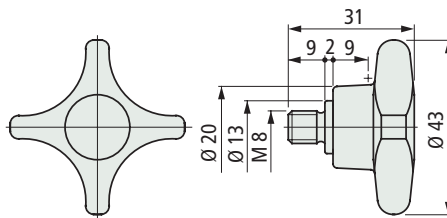
Part. 671



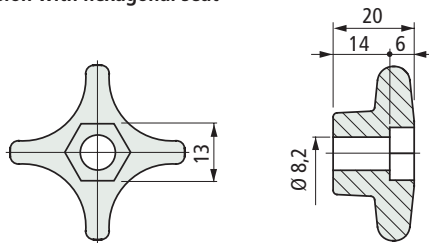
New Product

■ Tightening knob

Version with threaded insert



Version with hexagonal seat



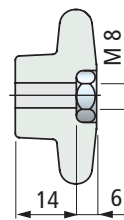
Part.	Version	Code
671	With threaded insert	676392
	With hexagonal seat	676402

- Supplied in reinforced Polypropylene PP FV, gives a better resistance to chemical agents.
- Material : knob in reinforced Polypropylene PP FV (grey), threaded insert in stainless steel AISI 303.
- Max admitted tightening torque : 1 Kgm (version with threaded insert).
- Packaging : 50 pieces.

• Example of application of version with hexagonal seat

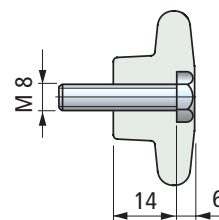
Use with nut

Apply a standard hexagonal M 8 UNI 5588, DIN 934.



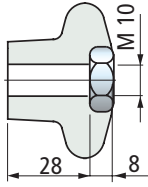
Use with screw

Apply an hexagonal head screw M 8 UNI 5739, DIN 933, ISO 4017.



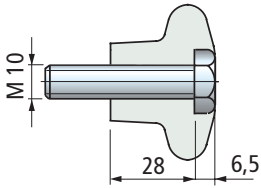
Use with nut

Apply a standard hexagonal M 10 UNI 5588, DIN 934.

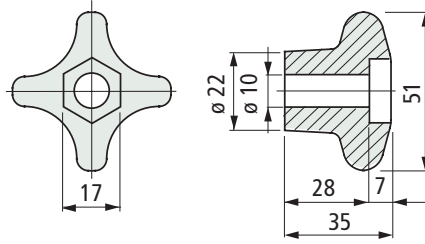


Use with screw

Apply an hexagonal head screw M 10 UNI 5739, DIN 933, ISO 4017.



■ Tightening knob



Part.	Code	Weight Kg
Reinforced Polyamide PA FV (black)		
734	693552	0,02
Reinforced Polypropylene PP FV (grey)		
734	693562	0,02

- Economical version (supplied without tightening elements).
- The version in reinforced Polypropylene PP FV, gives a better resistance to chemical agents.
- Packaging : t0t pieces.

Part. **734**

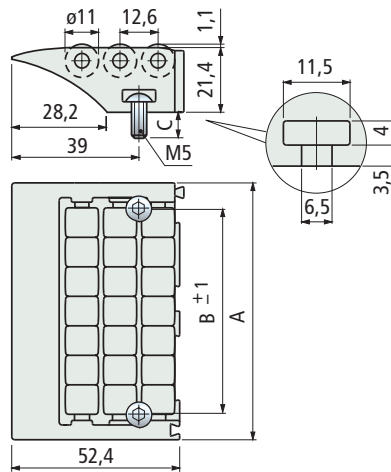


*New
Product*

Part. 567



■ End transfer module (with lip)



Part.	A mm	B mm	C mm	Code	Weight kg
567	85	67,6	Without screws	688792	0,09
			7	688802	
			13	688812	
567	115	97	Without screws	687382	0,11
			7	686472	
			13	677322	

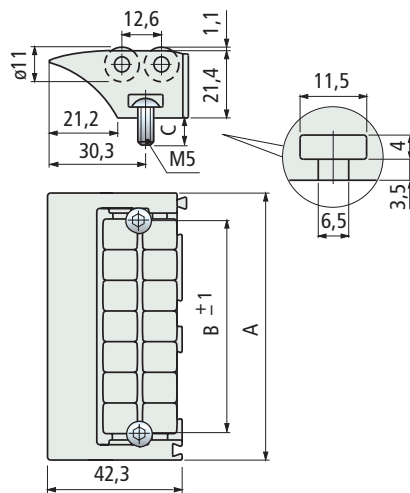
- Material : frame and rollers in acetal Rex-HP™ (dark grey) very low coefficient of friction. Roller pins in stainless steel AISI 303, screws in stainless steel AISI 304.
- Modularity : snap-on assembly with Part. 568.
- Packaging : 10 pieces.

Part. 672



New Product

■ End transfer module (with lip)

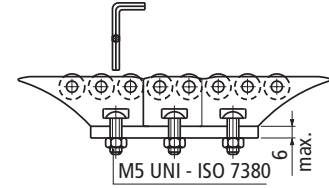


Part.	A mm	B mm	C mm	Code	Weight kg
672	85	67,6	Without screws	687412	0,09
			13	687422	
			7	675582	
672	115	97	Without screws	687432	0,11
			7	687442	
			13	675592	

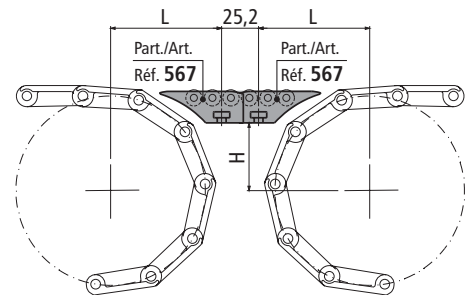
- Material : frame and rollers in acetal Rex-HP™ (dark grey) very low coefficient of friction. Roller pins in stainless steel AISI 303, screws in stainless steel AISI 304.
- Modularity : snap-on assembly with Part. 568.
- Packaging : 10 pieces.

• Fixing

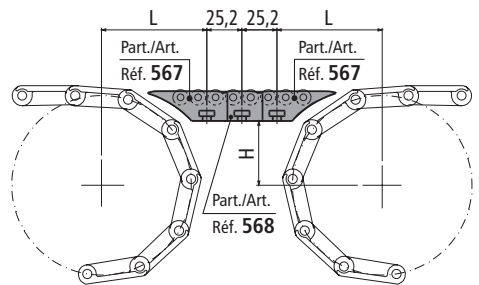
Screws are tightened with an hexagon key inserted between rollers.



• Head to tail transfer of small and light products.

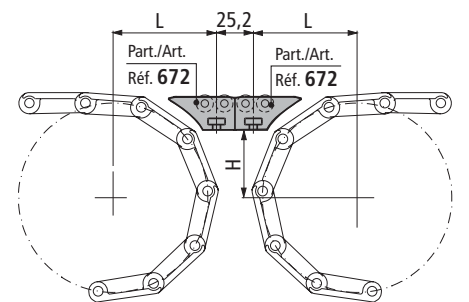


L and H see page S206.

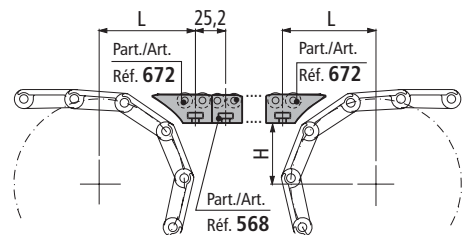


L and H see page S206.

Compact version.

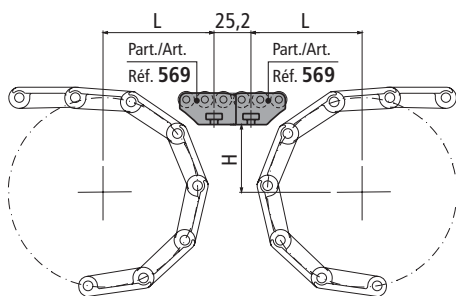


L and H see page S208.

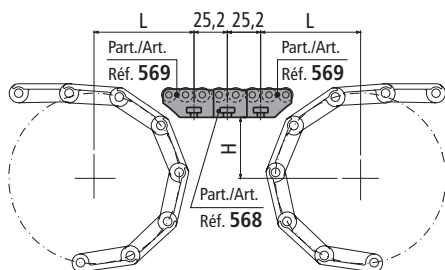


L and H see page S208.

• Head to tail transfer of big and heavy products.

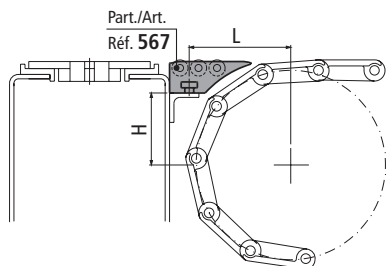


L and H see page S206.



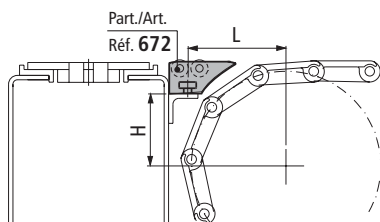
L and H see page S206.

• 90 transfer of small and light products.



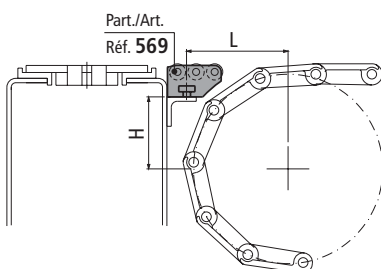
L and H see page S206.

Compact version.



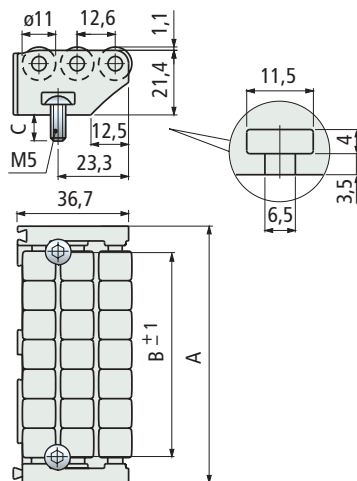
L and H see page S208.

• 90 transfer of big and heavy products.



L and H see page S206.

■ End transfer module

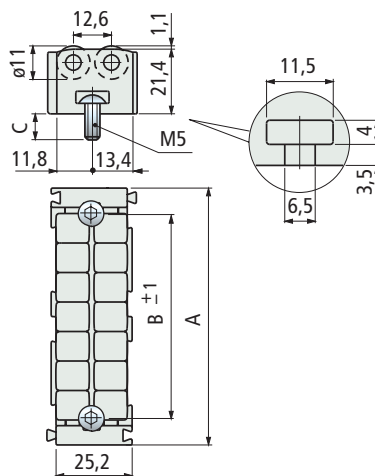


Part. 569

Part.	A mm	B mm	C mm	Code	Weight kg
569	85	67,6	Without screws	605922	0,08
			7	686262	
			13	601092	
569	115	97	Without screws	687392	0,10
			7	686482	
			13	677332	

- Material : frame and rollers in acetal Rex-HP™ (dark grey) very low coefficient of friction. Roller pins in stainless steel AISI 303, screws in stainless steel AISI 304.
- Modularity : snap-on assembly with Part. 568.
- Packaging : 10 pieces.

■ Centre transfer module

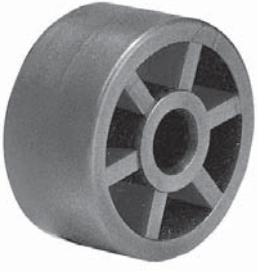


Part. 568

Part.	A mm	B mm	C mm	Code	Weight kg
568	85	67,6	Without screws	605912	0,06
			13	601082	
568	115	97	Without screws	687402	0,08
			13	677312	

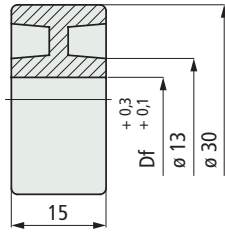
- Material : frame and rollers in acetal Rex-HP™ (dark grey) very low coefficient of friction. Roller pins in stainless steel AISI 303, screws in stainless steel AISI 304.
- Modularity : snap-on assembly with Part. 567-569-672.
- Packaging : 20 pieces.

Part. **20-21**

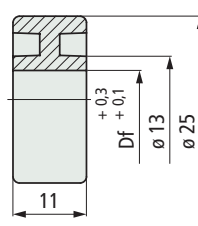


Rollers

Part. 20



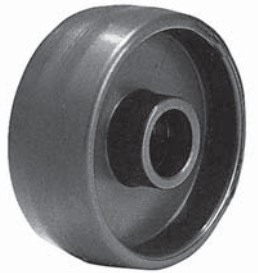
Part. 21



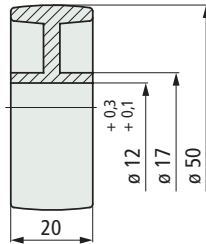
Part.	Bore dia. Df mm	Code
20	7	51410*
21	5,5	51420
	9,5	51430*
	10,5	51440*

- Material : polyamide PA (black).
- Packaging : 200 pieces.

Part. **16**



Roller



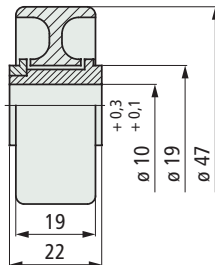
Part.	Code
16	51400

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

Part. **76**



Roller



Part.	Code
76	51390

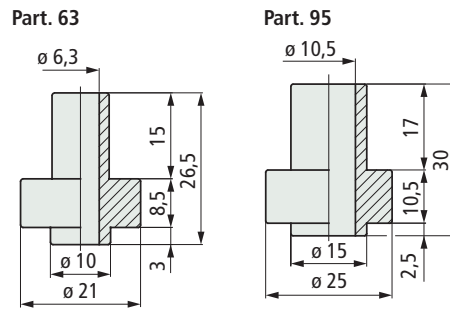
- Material : roller in acetal POM (orange), bush in polyamide PA (white).
- Packaging : 100 pieces.

* : 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.



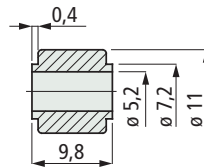
Part. 63-95



Roller

Part.	Code
363	64434

- Material : acetal Rex-LF® (light brown) very low coefficient of friction.
- Packaging : 5000 pieces.



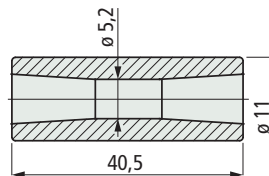
Part. 363



Roller

Part.	Code
455	614381

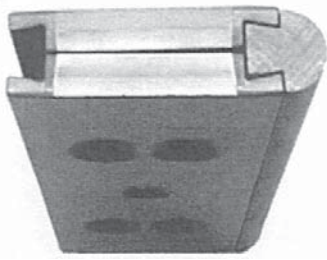
- Material : acetal Rex-LF® (light brown) very low coefficient of friction.
- Packaging : 500 pieces.



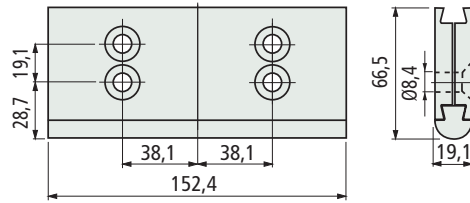
Part. 455



Part. 905



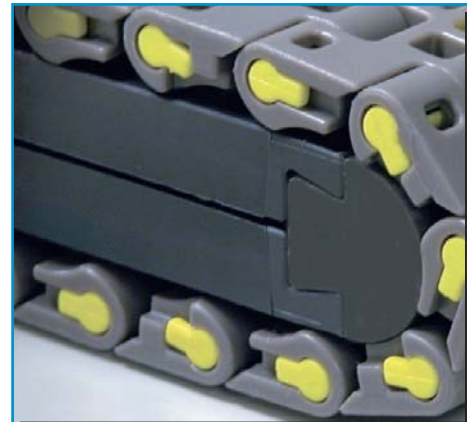
■ Modular "Nose-Over" bar standard profile



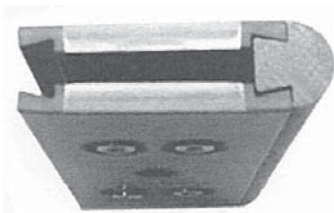
Part.	Code	Weight Kg
905	655711	0,18

- Material : clamp in polyamide PA (black), sliding profile in Nylatron®.
- Packaging : 1 pieces.

- Use of Part. 905
Head to tail transfer with MatTop® chain Series 1500.

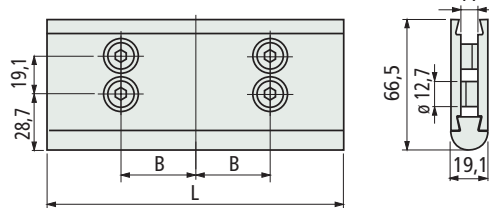


Part. 905

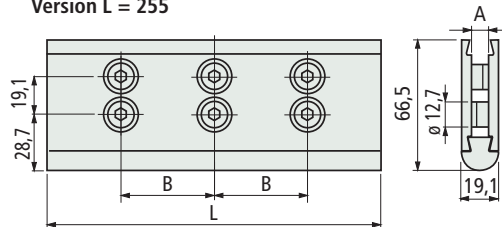


■ Modular "Nose-Over" bar low profile

Version L = 152,4 e 170



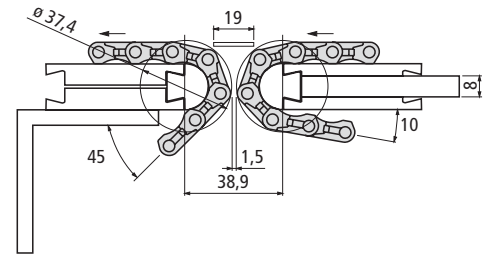
Version L = 255



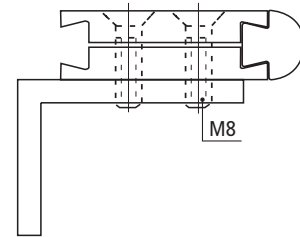
Part.	L mm	B mm	Hardware	A	Code	Weight Kg
905	152,4	38,1	M6	8 mm	655721	0,18
			1/4-20	0,25 inch	655731	
	170	42,5	M6	8 mm	656301*	0,20
	255	85	M6	8 mm	656291*	0,31

- * = New product.
- Material : clamp in polyamide PA (black), sliding profile in Nylatron®, steel hardware.
- Packaging : 1 pieces.

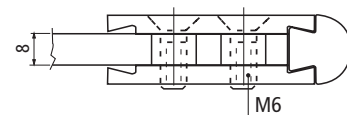
• Assembly of Part. 905



- Modular nose-over bar standard
N4 M8 socketed flat head cap screws UNI 5933.

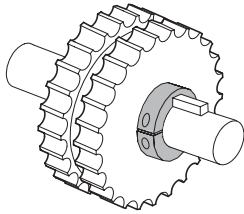


• Assembly of "Nose-Over" bar with 8 mm plate

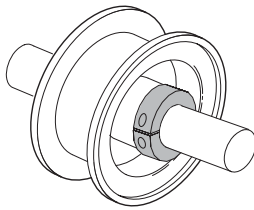


• Assembly of Part. 612 (with round bore)

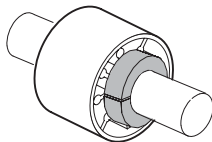
- With sprockets



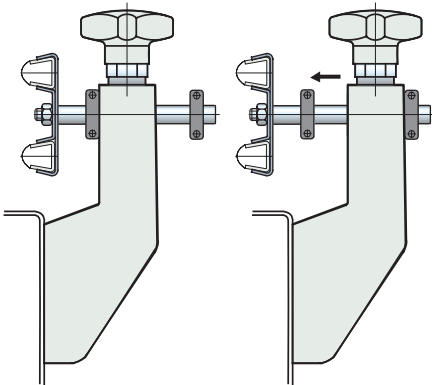
- With idler wheels



- With rollers

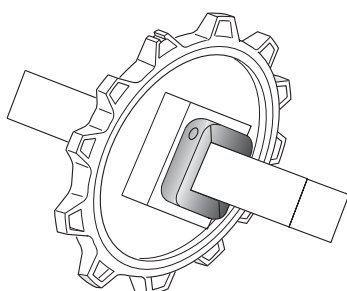


- With side brackets

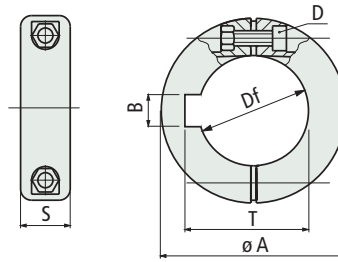


• Assembly Part. 612 (with square bore)

- Ideal for the locking of MatTop.[®] sprockets.
- Version in reinforced Polyamide PA FV, gives better resistance at high temperatures.
- Version in reinforced Polypropylene PP FV gives better resistance against chemical agents.



■ Split shaft collar (with round bore)

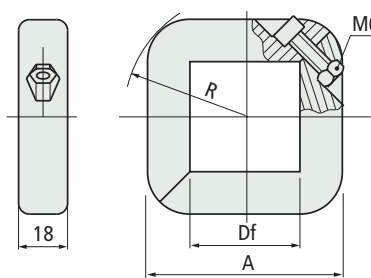


Part.	Bore dia.		øA	S	B	T	D	Code	Weight
	mm	Inch							
Without seat keyway									
612	12	-	30	11,7	-	-	M4	655062	-
	-	1/2"	30	11,7	-	-	M4	655072	-
	14	-	30	11,7	-	-	M4	655082	-
	16	5/8"	35	11,7	-	-	M4	655092	-
	18	-	40	14	-	-	M4	614712	0,018
	-	3/4"	40	14	-	-	M4	655102	-
	20	-	40	14	-	-	M4	614722	0,019
	25	-	45	14	-	-	M4	619452	0,022
	30	-	50	16	-	-	M4	640602	0,026
	-	1 1/4"	50	16	-	-	M4	608463*	-
-	1 1/2"	63,5	18	-	-	M5	611283*	-	
40	-	63,5	18	-	-	M5	686232*	0,040	
With seat keyway									
612	25	-	45	14	8	28,3	M4	683812*	0,022
	-	1"	45	14	6,4	28,58	M4	655112	-
	30	-	50	16	8	33,3	M4	614732	0,026
	-	1 1/4"	50	16	6,4	34,98	M4	655122	-
	35	-	63,5	18	10	38,3	M5	614742	0,030
	-	1 7/16"	63,5	18	9,58	41,02	M5	605043*	-
	-	1 1/2"	63,5	18	9,58	42,65	M5	655132	-
	40	-	63,5	18	12	43,3	M5	615012	0,040

* = New product.

- 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.

■ Split shaft collar (with square bore)



Part.	Square bore		Material Polyamid PAFV (black)	Material Polypropylene PPFV (black)	Material Polypropylene PPFV (white)	A	R	Code
	mm	inch						
Version with metric bore								
612	40x40	-	692952	689852	693372	72	44	
	60x60	-	692962	689862	693382	95	58	
Version with inch bore								
612	-	1 1/2"	692942	689842	693362	72	44	
	-	2 1/2"	692972	689872	693392	95	58	

- Material tightening bolt : stainless steel AISI 304.
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 24 pieces.

Part. 612



Part. 612

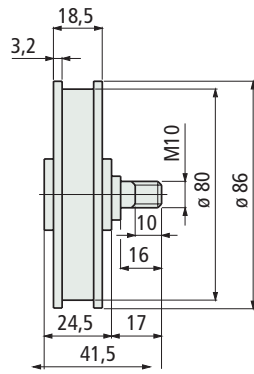


New Product

Part. 79



■ Winding tensioner



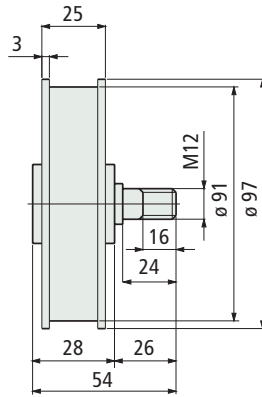
Part.	Load gr.	Winding travel mm	Direction of travel	Code
79	0÷2000	2000	right	672622
			left	672632

- Noise reduction.
- Material : pulley in polyamide PA (orange), pin in brass.
- Packaging : 10 pieces.

Part. 75



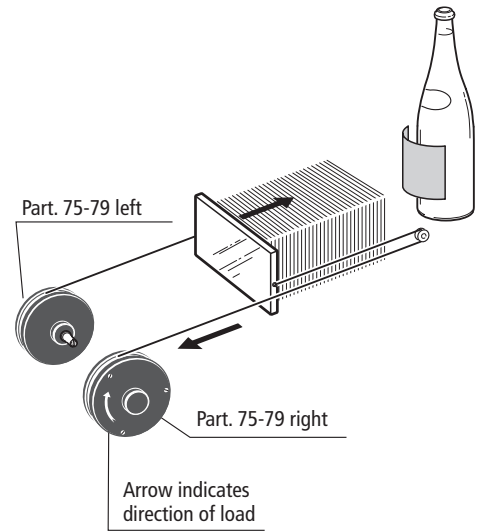
■ Winding tensioner



Part.	Load gr.	Winding travel mm	Direction of travel	Code
75	0÷4000	2500	right	672642N
			left	672652N
	0÷2800*	600	right	672662N
			left	672672N

- Noise reduction.
- * = 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.

• Assembly of Part. 79-75

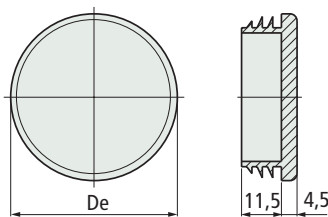


Caps

• Assembly of Part. 666



■ Closing caps (for round tubes)



Part.	Tube dimensions			Code	De mm
	Outside dia. mm	Thickness min. mm	Thickness max. mm		
666	Ø 38,1	1	3,5	671142	38
	Ø 42,4 (1" 1/4)	1	2,5	671152	42
	Ø 48,3 (1" 1/2)	1,2	3,6	671162	48

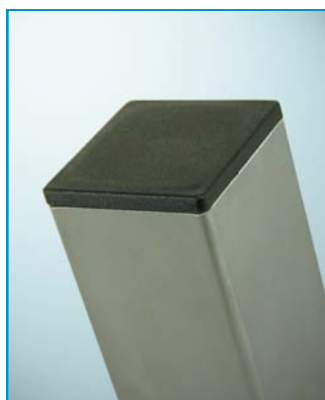
- Material : polyethylene PE (black).
- Packaging : 50 pieces.

Part. 666

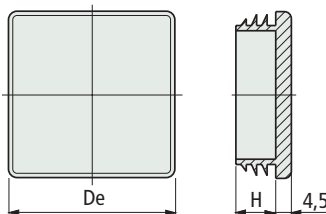


New Product

• Assembly of Part. 667



■ Closing caps (for square tubes)



Part.	Tube dimensions			Code	De mm	H mm
	Outside mm	Thickness min. mm	Thickness max. mm			
667	40x40	1	3	671172	40	14
	50x50	1	2,5	671182	50	14,5

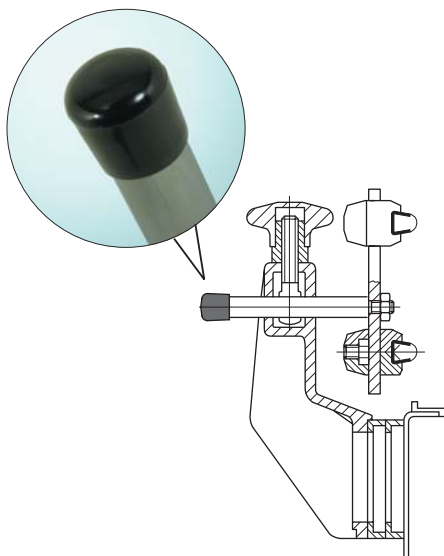
- Material : polyethylene PE (black).
- Packaging : 50 pieces.

Part. 667

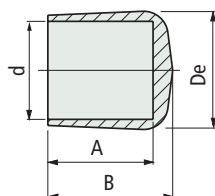


New Product

• Assembly of Part. 668



■ Safety caps (for round tubes)



Part.	Pin dia. d mm	Code		Ø De mm	A mm	B mm
		Black	Orange			
668	12	671192	611263	16	15	18,5
	14	671202	611273	18	16,5	21
	16	671212	-	20	22	26
	20	671222	-	24,5	21,5	25,5

- Material : PVC rubber.
- Packaging : 50 pieces.

Part. 668

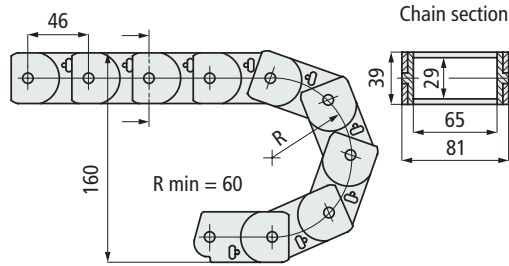


New Product

Part. 112



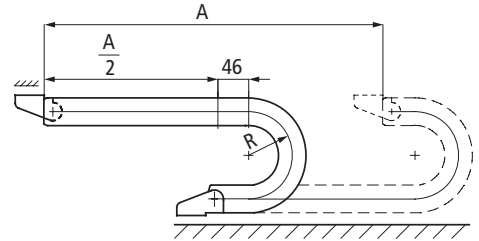
■ Cable carriage chain



Part.	Code
112	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



$$L = \frac{A}{2} + \bullet R + (46 \bullet 2)$$

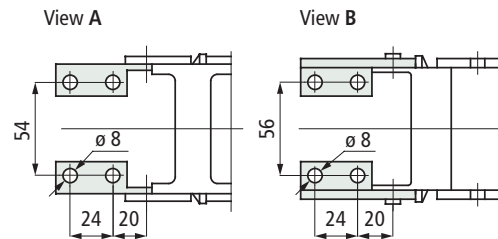
- L = chain length (mm).
- A = chain stroke (mm).
- R = curving radius (mm).

Accessories

Part. 114



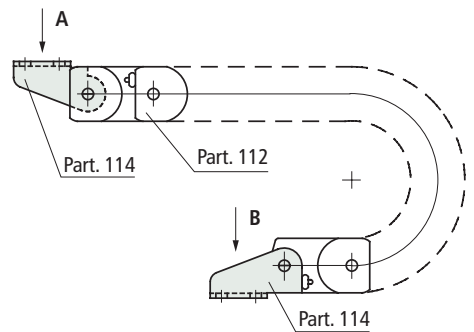
■ Attachments



Part.	Code
114	59040*

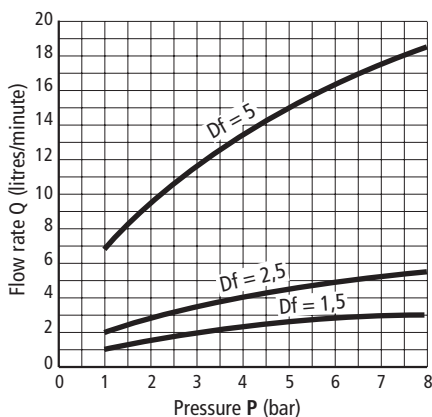
- Material : zinc plated steel.
- State of supply : complete with No. 4 connections.
- Packaging : 5 kit.

• Assembly of Part. 114

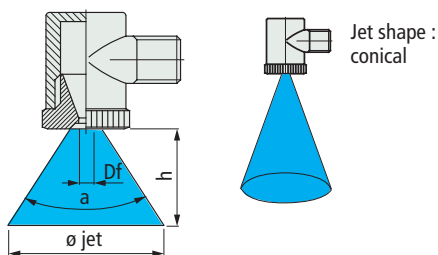


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Capacity diagram of Part. 19



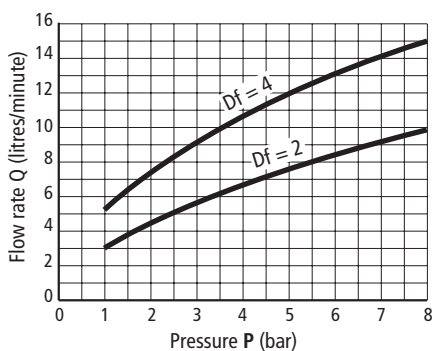
Dimensions and jet shape of Part. 19



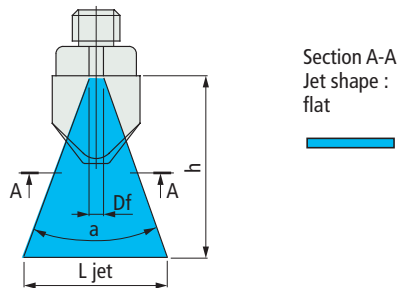
Bore dia. Df mm	outlet angle a	Jet dia. mm	distance h mm
1,5	18	160	500
2,5	22	200	500
5	60	600	500

Tests performed at 2 bar pressure.

Capacity diagram of Part. 18



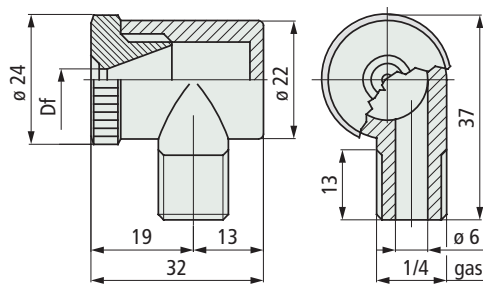
Dimensions and jet shape of Part. 18



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



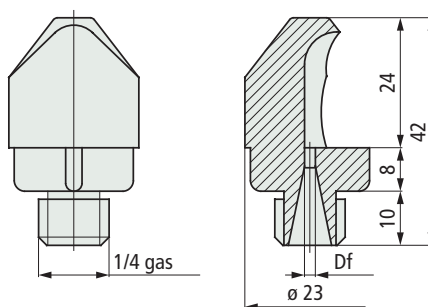
Part.	Bore dia. Df mm	Code
19	1,5	51450*
	2,5	51460
	5	51470*

- 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.

Calculation of thermal expansion

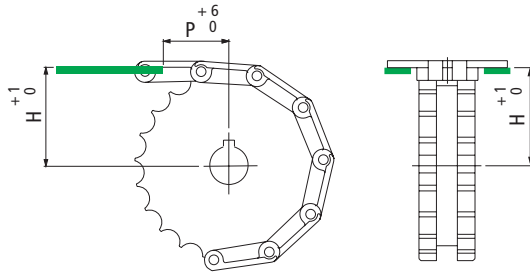
$$L_t = L_0 \cdot [1 + a \cdot (T - 20^\circ\text{C})]$$

L_t = final length (mm.)
 L_0 = initial length (mm.)
 a = coefficient of linear expansion.
 T = operating temperature (°C).
 20°C = ambient temperature.

Example :

aguide having initial length $L_0 = 1000$ mm, coefficient of linear expansion 2×10^{-4} , and an operating temperature of 70°C , expands by :

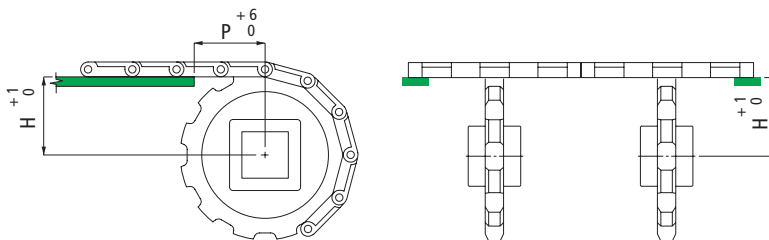
$$L_t = 1000 \text{ mm} \cdot [1 + 0,0002 \cdot (70^\circ\text{C} - 20^\circ\text{C})] = 1010 \text{ mm}$$



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.



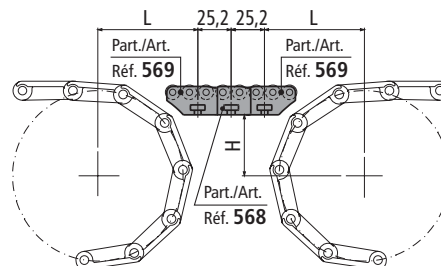
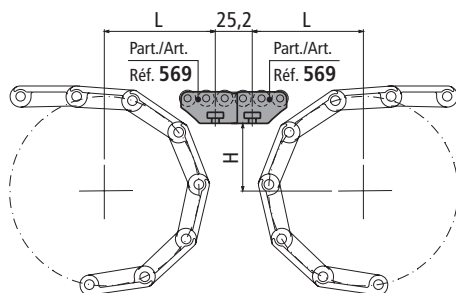
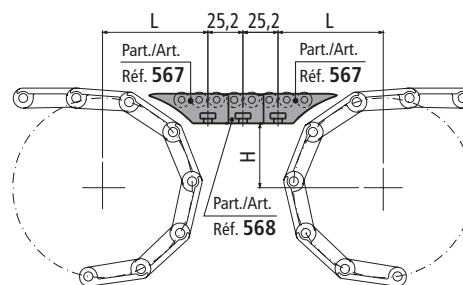
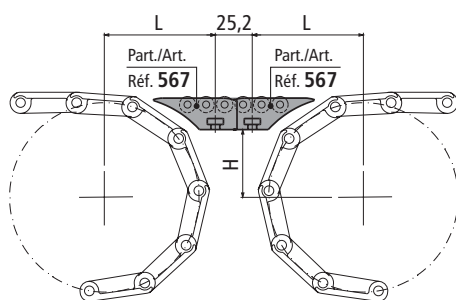
Position of chain guide profiles for MatTop® chains

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

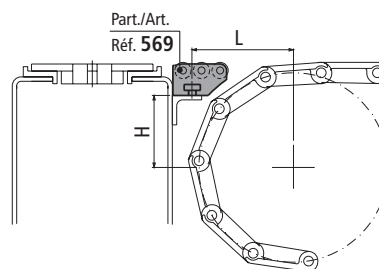
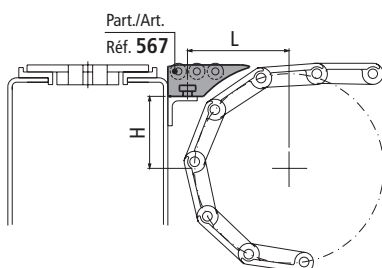
Dp = primitive diameter of drive sprocket - mm.

Position of transfer modules
Part. 567-568-569

• Head to tail transfer



• 90° transfer



H, L dimensions for
TableTop® chains

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	73,0	72,7	75,3
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	73,0	72,7	75,3
512	45,2	67,4	53,2	68,9	61,3	70,3	69,3	74,0	-	-	-	-	-	-	-	-
1864 - 1874 - 4874	37,3	73,2	43,3	74,8	49,4	76,2	55,4	77,6	61,5	75,4	67,5	77,9	-	-	-	-
820	31,5	65,4	37,4	66,7	43,4	67,9	49,3	69,0	55,3	70,1	61,3	71,3	67,3	73,7	73,3	76,0
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	33,2	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	37,3	73,5	43,3	75,0	49,4	76,4	55,4	77,8	61,5	75,5	67,5	78,1	-	-	-	-
1873 - 1853 - 853	37,3	68,6	43,3	69,9	49,4	71,2	55,4	72,3	61,5	72,5	67,5	74,9	73,5	77,3	-	-
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	71,4	68,7	73,8	74,7	76,1
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	71,8	69,7	74,2	75,7	76,5
HFP 820	33,5	65,1	39,4	66,3	45,4	67,5	51,3	68,6	57,3	69,6	63,3	71,6	69,3	74,0	75,3	76,3
HFP 821	34,3	65,3	40,2	66,5	46,2	67,6	52,1	68,7	58,1	69,7	64,1	72,0	70,1	74,3	76,1	76,6
HFP 867 - HFP 1877 - HFP 1873	40,3	66,5	46,3	67,6	52,4	68,7	58,4	69,8	64,5	72,1	70,5	74,5	76,5	76,8	-	-
SLBP 821	47,3	67,8	53,2	68,9	59,2	69,9	65,1	72,4	71,1	74,7	77,1	77,0	-	-	-	-

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	72,2	70,7	74,6	76,7	76,8
882 TAB	42,7	66,9	48,6	68,1	54,6	69,1	60,6	70,2	-	-	-	-	-	-
LPC 279	50,2	68,3	56,1	69,4	62,1	71,2	68,1	73,5	74,1	75,8	-	-	-	-
HFP 880 TAB	42,8	67,0	48,7	68,1	54,7	69,2	60,7	70,2	66,7	73,0	72,7	75,3	-	-
HFP 882 TAB	45,2	67,4	51,1	68,5	57,1	69,6	63,1	71,6	-	-	-	-	-	-
SLBP 882 TAB	57,2	69,6	63,1	71,6	69,1	73,9	75,1	76,2	-	-	-	-	-	-

Chain	Z 12		Z 16		Z 21		Z 23		Z 24		Z 25		Z 27		Z 32	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
1505 - 1506	11,5	60,0	20,9	62,3	-	-	-	-	40,0	66,4	-	-	-	-	59,0	69,9
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	72,9	-	-
HFP 5705	-	-	-	-	51,0	68,5	57,0	69,9	60,0	70,1	63,0	71,5	69,0	73,9	-	-

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	59,1	69,9
4812	-	-	32,5	64,9	-	-	-	-	-	-	56,3	69,4	-	-	-	-
5996	52,5	68,8	-	-	70,1	74,3	-	-	-	-	-	-	-	-	-	-
6390 - 6391 - 6392	-	-	49,8	68,3	-	-	65,4	72,5	-	-	-	-	-	-	-	-

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 - 8505 - 8506	13,0	60,4	-	-	-	-	-	-	55,6	69,3	58,6	69,8	76,9	76,9
7705 - 7706	-	-	49,0	68,1	57,0	69,6	69,1	73,9	-	-	-	-	-	-

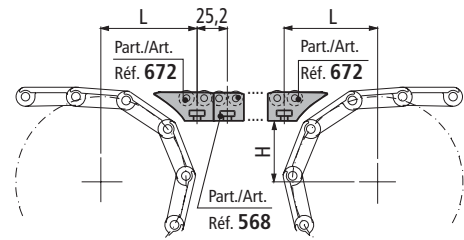
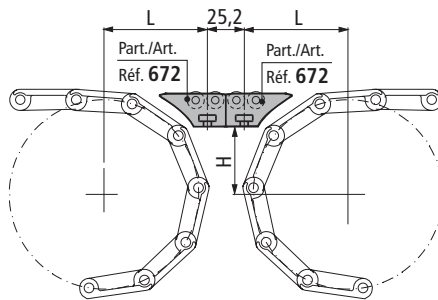
Chain	Z 28	
	H	L
500	38,6	66,1
505	40,6	66,5

H, L dimensions for MCC chains

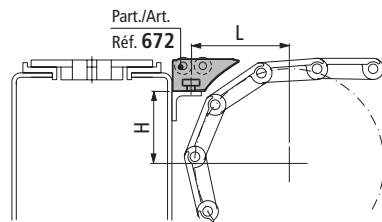
Chain	Z 10		Z 12		Z 13		Z 15		Z 16		Z 18		Z 20		Z 21	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
1000	-	-	31,0	64,6	-	-	-	-	47,0	67,8	55,0	69,2	63,1	70,6	-	-
1005	-	-	-	-	-	-	-	-	-	-	57,0	69,6	-	-	69,1	73,9
1050	-	-	-	-	-	-	-	-	54,8	69,2	62,8	71,5	-	-	-	-
1055	-	-	-	-	-	-	-	-	58,8	69,9	66,8	73,1	-	-	-	-
1255	35,3	65,5	-	-	50,2	68,4	60,3	70,1	65,3	72,4	-	-	-	-	-	-

Position of transfer modules
Part. 672-568

- Head to tail transfer



- 90° transfer



H, L dimensions for
TableTop® chains

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	56,8	36,8	58,2	42,8	60,9	48,7	63,7	54,7	66,3	60,7	68,8	66,7	71,2	72,7	73,5
881 M - 8811 - 8811 TAB	30,9	56,8	36,8	58,2	42,8	60,9	48,7	63,7	54,7	66,3	60,7	68,8	66,7	71,2	72,7	73,5
512	45,2	62,0	53,2	65,6	61,3	69,0	69,3	72,2	-	-	-	-	-	-	-	-
1864 - 1874 - 4874	37,3	65,0	43,3	65,3	49,4	68,2	55,4	70,9	61,5	73,6	67,5	76,1	-	-	-	-
820	31,5	57,6	37,4	59,0	43,4	61,6	49,3	64,3	55,3	67,0	61,3	69,5	67,3	71,9	73,3	74,2
821	32,3	58,0	38,2	59,4	44,2	62,1	50,1	64,8	56,1	67,4	62,1	69,9	68,1	72,3	74,1	74,7
843	17,1	57,3	21,2	58,6	25,2	59,8	29,2	61,0	33,2	62,1	37,3	63,2	-	-	-	-
845	17,1	55,4	21,2	56,6	25,2	57,8	29,2	58,9	33,2	59,9	37,3	60,9	-	-	-	-
963	37,3	65,2	43,3	65,4	49,4	68,3	55,4	71,1	61,5	73,7	67,5	76,3	-	-	-	-
1873 - 1853 - 853	37,3	60,7	43,3	62,6	49,4	65,4	55,4	68,1	61,5	70,7	67,5	73,1	73,5	75,5	-	-
1843	17,9	55,5	22,0	56,7	26,0	57,8	30,0	58,9	34,0	59,9	38,1	60,9	-	-	-	-
812 Rub. Top - 881 Rub. Top	32,9	57,3	38,8	58,6	44,8	61,9	50,7	64,6	56,7	67,1	62,7	69,6	68,7	72,0	74,7	74,3
802 Rub. Top	33,9	57,5	39,8	58,8	45,8	62,3	51,7	65,0	57,7	67,5	63,7	70,0	69,7	72,4	75,7	74,7
HFP 820	33,5	57,4	39,4	58,8	45,4	62,1	51,3	64,8	57,3	67,4	63,3	69,8	69,3	72,2	75,3	74,5
HFP 821	34,3	57,6	40,2	58,9	46,2	62,5	52,1	65,2	58,1	67,7	64,1	70,2	70,1	72,5	76,1	74,8
HFP 867 - HFP 1877 - HFP 1873	40,3	59,0	46,3	62,6	52,4	65,3	58,4	67,8	64,5	70,3	70,5	72,7	76,5	75,0	-	-
SLBP 821	47,3	63,0	53,2	65,6	59,2	68,2	65,1	70,6	71,1	72,9	77,1	75,2	-	-	-	-

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	59,1	46,7	62,8	52,7	65,4	58,7	68,0	64,7	70,4	70,7	72,8	76,7	75,0
882 TAB	42,7	60,9	48,6	63,6	54,6	66,2	60,6	68,7	-	-	-	-	-	-
LPC 279	50,2	64,3	56,1	66,9	62,1	69,4	68,1	71,7	74,1	74,0	-	-	-	-
HFP 880 TAB	42,8	60,9	48,7	63,7	54,7	66,3	60,7	68,8	66,7	71,2	72,7	73,5	-	-
HFP 882 TAB	45,2	62,1	51,1	64,7	57,1	67,3	63,1	69,8	-	-	-	-	-	-
SLBP 882 TAB	57,2	67,3	63,1	69,8	69,1	72,1	75,1	74,4	-	-	-	-	-	-

Chain	Z 12		Z 16		Z 21		Z 23		Z 24		Z 25		Z 27		Z 32	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
1505 - 1506	11,5	51,5	20,9	54,2	-	-	-	-	40,0	58,9	-	-	-	-	59,0	68,1
4705 - 4706 - 5705 - 5706	57,5	67,5	-	-	48,5	63,6	54,5	66,2	57,5	67,5	60,5	68,7	66,5	71,1	-	-
HFP 5705	-	-	-	-	51,0	64,7	57,0	67,3	60,0	68,5	63,0	69,7	69,0	72,1	-	-

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	55,8	-	-	9,2	50,8	59,1	68,1
4812	-	-	32,5	57,2	-	-	-	-	-	-	56,3	67,0	-	-	-	-
5996	52,5	65,3	-	-	70,1	72,5	-	-	-	-	-	-	-	-	-	-
6390 - 6391 - 6392	-	-	49,8	64,2	-	-	65,4	70,7	-	-	-	-	-	-	-	-

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 - 8505 - 8506	13,0	52,0	-	-	-	-	-	-	55,6	66,6	58,6	67,9	76,9	75,1
7705 - 7706	-	-	49,0	63,8	57,0	67,3	69,1	72,1	-	-	-	-	-	-

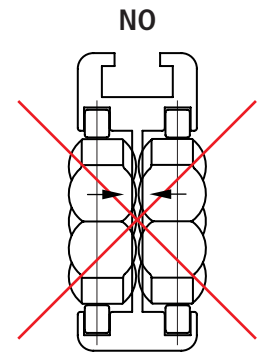
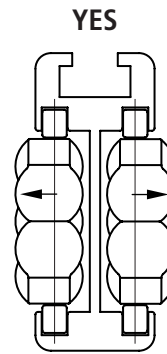
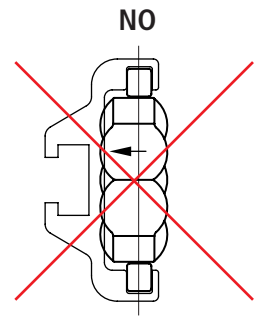
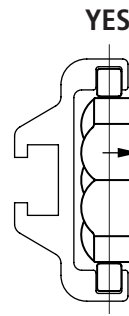
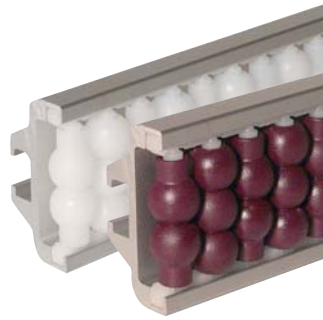
Chain	Z 28	
	H	L
500	38,6	58,6
505	40,6	59,0

H, L dimensions for MCC chains

Chain	Z 10		Z 12		Z 13		Z 15		Z 16		Z 18		Z 20		Z 21	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
1000	-	-	31,0	56,8	-	-	-	-	47,0	62,9	55,0	66,4	63,1	69,8	-	-
1005	-	-	-	-	-	-	-	-	-	-	57,0	67,3	-	-	69,1	72,1
1050	-	-	-	-	-	-	-	-	54,8	66,3	62,8	69,7	-	-	-	-
1055	-	-	-	-	-	-	-	-	58,8	68,0	66,8	71,3	-	-	-	-
1255	35,3	57,8	-	-	50,2	64,3	60,3	68,6	65,3	70,6	-	-	-	-	-	-

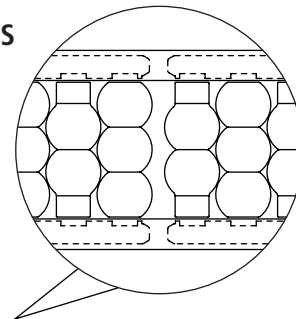
Assembly of
Part. 754 - 756

Check that rollers are free to rotate, the most protruding side must be placed outside.

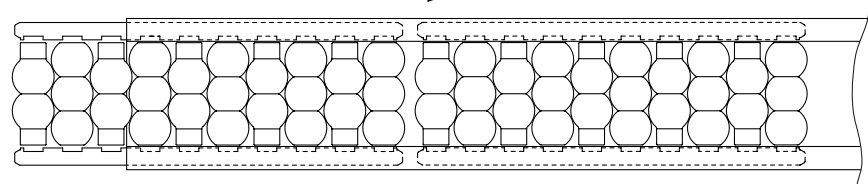


During the insertion of modules maintain the coupling 3 rollers / 2 rollers.

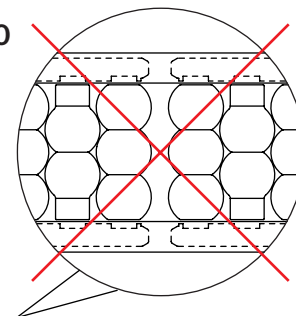
YES



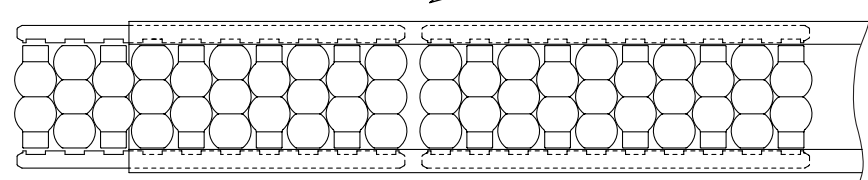
Direction of insertion →



NO



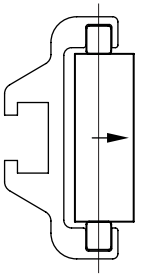
Direction of insertion →



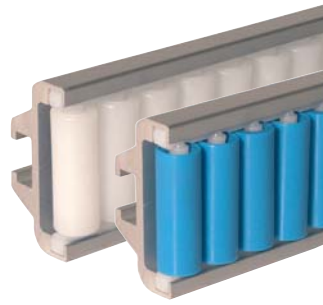
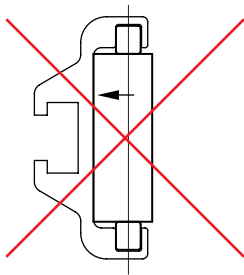
The most protruding side must be placed outside.

Assembly of
Part. 656 - 731 - 755 - 757

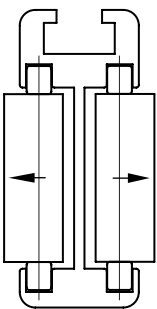
YES



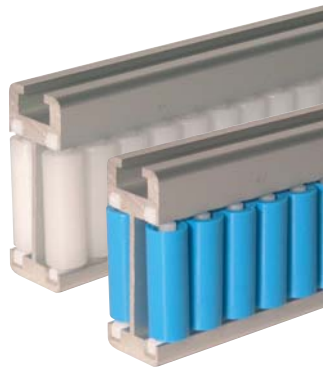
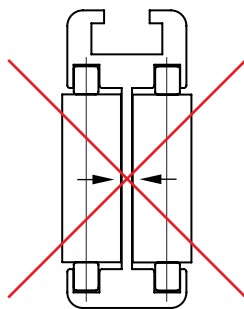
NO



YES



NO



ARTICULATED FEET

in reinforced polyamide
Page R09-R33



FIXED FEET

in reinforced polyamide and reinforced rubber
Page R34-R39



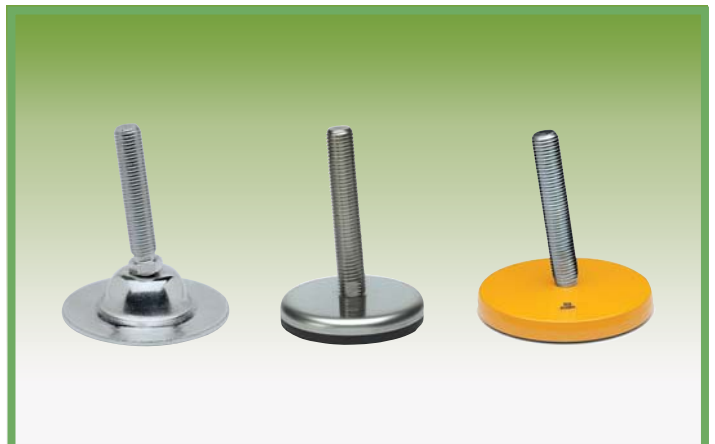
ARTICULATED FEET GRIPPER

in reinforced polypropylene and stainless steel
Page R40-R45



ARTICULATED FEET

in steel
Page R46-R51



FIXED FEET

in steel
Page R52-R54



VIBRATION ABSORBING FEET

in steel
Page R55



ANTI-SLIP SUPPORTS

in steel and rubber
Page R56-R57



THREADED BUSHINGS

for round and square tubes
Page R58-R59



FIXED FEET

Part./Art. /Réf. **675**



R34

Part./Art. /Réf. **753**



R35

Part./Art. /Réf. **602**



R37

Part./Art. /Réf. **745**



R38

ARTICULATED FEET GRIPPER
in reinforced polypropylene and stainless steel

Part./Art. /Réf. **626-622-628**



Available only with
Microban[®]
antibacterial protection

R40

Part./Art. /Réf. **627-623-629**



Available only with
Microban[®]
antibacterial protection

R41

ARTICULATED FEET
in steel

Part./Art. /Réf. **747-748-749**



R46

Part./Art. /Réf. **750-751-752**



R47

THREADED BUSHINGS
for round and square tubes

Part./Art. /Réf. **180**

Versions dia. 50 and 80 mm



R58

Part./Art. /Réf. **224**

Versions 30x30 mm



R59

ACCESSORIES

Part./Art. /Réf. **726**

Spacer for Part. 170-170R-171-171R-254-297-169



ARTICULATED FEET
in reinforced polyamide

Part. 269



page R09

ø 40 • Max. load 10000 N.

Part. 552



page R10

ø 40 • Max. load 5000 N.

Part. 173



page R11

ø 50 • Max. load 10000 N.

Part. 98-98R



page R12-R13

ø 60 • Max. load 12000 N.

Part. 94 - 94R



page R14-R15

ø 60 • Prefitting for fixing • Max. load 12000 N.

Part. 172



page R16

ø 80 • Max. load 10000 N.

Part. 323



page R17

ø 80 • Prefitting for fixing • Max. load 10000 N.

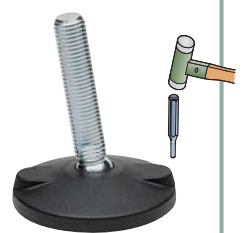
Part. 132 -132R



page R18-R19

ø 100 • Max. load 13000 N.

Part. 133 -133R



page R20-R21

ø 100 • Prefitting for fixing • Max. load 13000 N.

Part. 479 - 479R



page R22-R23

ø 110 • Prefitting for fixing • Max. load 20000 N.

Part. 292 - 292R



page R24-R25

ø 120 • Max. load 16000 N.

Part. 170 - 170R



page R26-R27

ø 124 • Max. load 25000 N.

Part. 171 - 171R



page R28-R29

ø 124 • Prefitting for fixing • Max. load 25000 N.

Part. 254



page R30

ø 124 • Max. load 45000 N.

Part. 297



page R31

ø 124 • Prefitting for fixing • Max. load 45000 N.

Part. 134



page R32

ø 100 • Prefitting for fixing • Max. load 20000 N.

Part. 169



page R33

ø 124 • Prefitting for fixing • Max. load 45000 N.

Part. 726

NEW



page R26-27-28-29-30-31-33

ø 170 • Spacer for Part. 170-170R-171-171R-254-297-169

Product range

FIXED FEET
in reinforced polyamide and reinforced rubber

Part. 675



NEW page R34

ø 30 • Max. load 10000 N.

Part. 753



NEW page R35

ø 30 • Max. load 2500 N.

Part. 600



page R36

ø 50 • Reinforced polyamide
• Max. load 2000 N.

Part. 602



NEW page R37

ø 50 • Max. load 10000 N.

Part. 745



NEW page R38

Max. load 4000 N.

Part. 31



page R39

ø 110 • Rubber • Max. load 6000 N.

ARTICULATED FEET GRIPPER
in reinforced polypropylene

Part. 626



page R40

ø 80 • Hygiene • Prefitting for fixing • Different colours • Customized cap with customer logo • Max. load 12000 N.

Part. 622



page R42

ø 100 • Hygiene • Prefitting for fixing • Different colours • Customized cap with customer logo • Max. load 19500 N.

Part. 628



page R44

ø 120 • Hygiene • Prefitting for fixing • Different colours • Customized cap with customer logo • Max. load 22000 N.

ARTICULATED FEET GRIPPER
in stainless steel

Part. 627



page R41

ø 80 • Hygiene • Prefitting for fixing • Max. load 12000 N.

Part. 623



page R43

ø 100 • Hygiene • Prefitting for fixing • Max. load 19500 N.

Part. 629



page R45

ø 120 • Hygiene • Prefitting for fixing • Max. load 22000 N.

ARTICULATED FEET
in steel

Part. 747



NEW page R46

ø 80 • Stainless steel • Hygiene • Max. load 25000 N.

Part. 748



NEW page R46

ø 100 • Stainless steel • Hygiene • Max. load 25000 N.

Part. 749



NEW page R46

ø 120 • Stainless steel • Hygiene • Max. load 25000 N.

Part. 750



NEW page R47

ø 80 • Stainless steel • Hygiene • Max. load 12000 N.

Part. 751



NEW page R47

ø 100 • Stainless steel • Hygiene • Max. load 12000 N.

Part. 752



NEW page R47

ø 120 • Stainless steel • Hygiene • Max. load 12000 N.

Part. 351



page R48

ø 123 • Stainless steel and zinc plated steel • Max. load 10000 N.

Part. 441



page R49

ø 123 • N. 2 holes • Zinc plated steel • Max. load 10000 N.

Part. 349



page R49

ø 123 • N. 4 holes • Stainless steel and zinc plated steel • Max. load 10000 N.

Part. 549



page R50

ø 50 • Stainless steel • Hygiene • Max. load 8000 N.

Part. 546



page R50

ø 80 • Stainless steel • Hygiene • Max. load 18000 N.

Part. 547



page R50

ø 100 • Stainless steel • Hygiene • Max. load 22000 N.

Part. 548



page R50

ø 125 • Stainless steel • Hygiene • Max. load 26000 N.

Part. 408



page R51

ø 158 • Painted steel • Max. load 50000 N.

FIXED FEET
in steel

Part. 383



page R52

ø 40 • Stainless steel • Hygiene • Max. load 7000 N.

Part. 384



page R52

ø 65 • Stainless steel • Hygiene • Max. load 12000 N.

Part. 399



page R52

ø 90 • Stainless steel • Hygiene • Max. load 11000 N.

Part. 385



page R52

ø 110 • Stainless steel • Hygiene • Max. load 10000 N.

Part. 403



page R53

ø 100 • Painted steel • Max. load 50000 N.

Part. 528



page R53

ø 100 • Painted steel • Max. load 50000 N.

Part. 406



page R54

ø 123 • Painted steel • Max. load 50000 N.

Part. 529



page R54

ø 123 • Painted steel • Max. load 50000 N.

Product range

**VIBRATION
ABSORBING
FEET
in
steel**

Part. 701



page R55

ø 80 • Zinc plated steel/zinc plated steel painted.

Part. 702



page R55

ø 120 • Zinc plated steel/zinc plated steel painted.

Part. 703



page R55

ø 160 • Zinc plated steel/zinc plated steel painted.

**ANTI-SLIP
SUPPORTS
in
steel and
rubber**

Part. 230



page R56

ø 100 • Stainless steel/nickel plated steel • Max. load 10000 N.

Part. 404



page R56

ø 100 • Painted steel • Max. load 5000 N.

Part. 55



page R57

ø 110 • Rubber with steel insert • Max. load 6000 N.

Part. 187



page R57

ø 123 • Rubber with painted steel insert • Max. load 20000 N.

Part. 407



page R56-R57

Spindle for Part. 230 - 404 - 55 - 187 • Zinc plated steel.

**THREADED
BUSHINGS
for
round and
square tubes**

Part. 180



page R58

For round tubes ø 26,9-30-33,7-38-42,4-48,3-54-60,3 mm and 1,5" - 2."

Part. 224



page R59

For square tubes 30-35-40-50 mm and 1,5" - 2."

SPINDLE MATERIALS

Stainless steel

- Austenitic structure.
- High resistance to chemicals.
- Excellent resistance to oxidation.
- Non magnetic steel.
- Operating temperature:
 - in air (- 70°C to + 430°C)
 - in hot water (+ 120°C)
- Sectors of use
 - Humid and corrosive environments. Environments where hygiene regulations are strict and indispensable (food and dairy industry, chemicals-pharmaceuticals, bottling).
 - Electronics industry (where non-magnetic properties are required).

Zinc plated steel

- Operating temperature:
 - in air (- 40°C to + 180°C)
 - in hot water (+ 120°C)
- Sectors of use
 - Moisture-free environments with low corrosion.

Nickel plated brass

- Good resistance to chemicals.
- Operating temperature:
 - in air (- 40°C to + 180°C)
 - in hot water (+ 120°C)
- Sectors of use
 - Humid and wet environments.

Reinforced polyamide with steel pin

- Good resistance to chemicals.
- Operating temperature:
 - in air (- 5°C to + 120°C)
 - in hot water (+ 100°C)
- Colour: black.
- Sectors of use
 - Industrial, packaging.

FOOTPLATE MATERIALS

Reinforced polyamide PA FV

- Good mechanical strength. Able to withstand high load capacities.
- High thermal resistance.
- Good resistance to chemicals.
- Operating temperature:
 - in air (- 30°C to + 120°C)
 - in hot water (+ 100°C)
- Colour: black.
- Inflammability: 94HB.

Reinforced polypropylene PP FV

- Recommended in applications requiring high resistance to chemicals and fair mechanical properties (the load capacity is lower than reinforced polyamide).
- Operating temperature:
 - in air (+ 5°C to + 115°C)
 - in hot water (+ 115°C)
- Colour: black.
- Inflammability: 94HB.

ANTI-SLIP MATERIALS

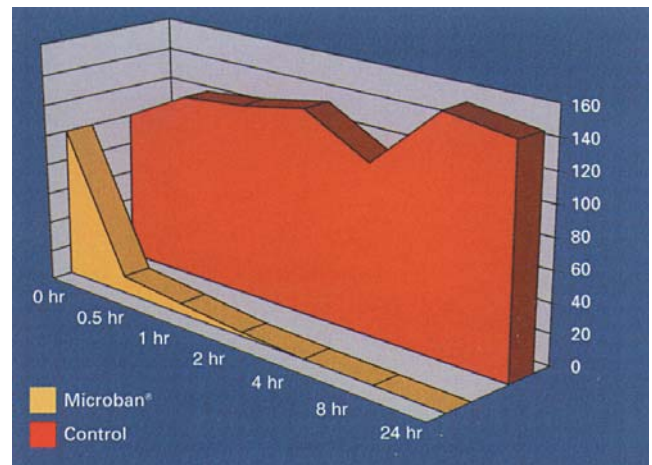
NBR rubber

- Operating temperature:
 - in air (- 35°C to + 100°C)
 - in hot water (+ 80°C)
- Colour: black.
- Inflammability: 94HB

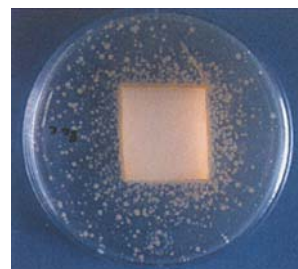
ANTIBACTERIAL PROTECTION



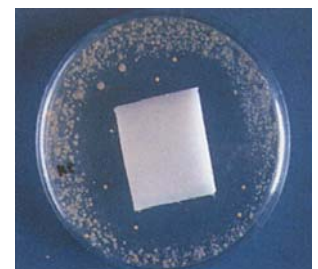
- Articulated Feet Gripper footplates Part.622-623-626-627-628-629, are supplied with Microban® antibacterial protection.
- By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.
- Independent laboratory tests have proven Microban® to be effective throughout the lifetime of the product. Because it is built-in, it is working all-over.
- The active agent used in Microban® technology has been recommended for approval in food contact uses by the European Union Scientific Committee for Food (SCF); in the United States the Environmental Protection Agency (EPA) has approved it for use in conveyor belts.



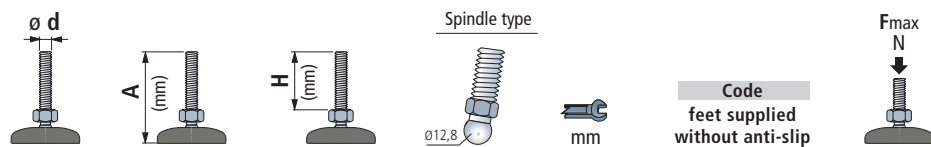
Bacteria E.coli in Microban® plastic compound compared to identical untreated plastic.



Without protection, growth of bacteria on and around the product.



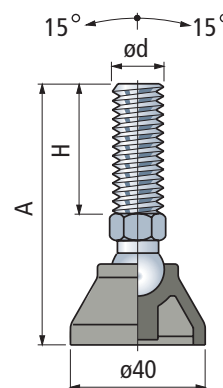
With Microban®, absence of bacteria on and around the product.



Spindle in stainless steel						Code feet supplied without anti-slip	Fmax N
M	A (mm)	H (mm)	Spindle type	mm			
M 10	105	71	2a	12	269/625002	10000	
M 12	100	69	2a	12	269/625012		
	165	132	2a	12	269/625022		
M 14	100	68	2a	13	269/625032		
M 16	105	72	2a	15	269/625042	10000	
	165	132	2a	15	269/625052		

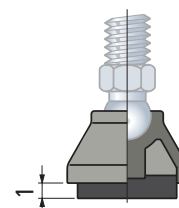
Spindle in zinc plated steel						Code feet supplied without anti-slip	Fmax N
M	A (mm)	H (mm)	Spindle type	mm			
M 8	70	40	2a	12	269/625062	10000	
	65	33	2a	12	269/625072		
M 10	105	71	2a	12	269/625082		
	150	118	2a	12	269/625092		
M 12	80	48	2a	12	269/625102		
	100	69	2a	12	269/625112		
M 14	130	96	2a	12	269/625122		
	100	68	2a	13	269/625132		
M 16	80	47	2a	15	269/625142*		
	100	67	2a	15	269/625152		
	200	167	2a	15	269/625162		

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging 48 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



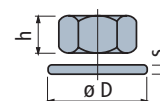
Accessories

Anti-slip



- Code : 630002.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 48 pieces.

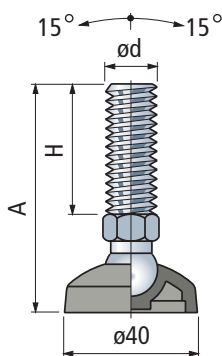
Nut + Washer



Code	Stainless steel		h mm	s mm	øD mm	s mm
	AISI 304	Zinc plated steel				
M8	-	630102	6,5	13	17	1,6
M10	630182	630112	8	17	21	2
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3

Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16).

Part. 552

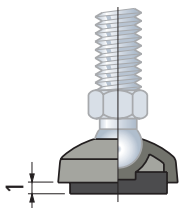


	$\varnothing d$	A (mm)	H (mm)	Spindle type	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel							
M 10	95	71	71	2a	12	552/625502	5000
M 12	90	69	69	2a	12	552/625512	
	155	132	132	2a	12	552/625522	
M 14	90	68	68	2a	13	552/625532	
M 16	95	72	72	2a	15	552/625542	
	155	132	132	2a	15	552/625552	
Spindle in zinc plated steel							
M 8	60	40	40	2a	12	552/625562	5000
	55	33	33	2a	12	552/625572	
M 10	95	71	71	2a	12	552/625582	
	140	118	118	2a	12	552/625592	
M 12	70	48	48	2a	12	552/625602	
	90	69	69	2a	12	552/625612	
M 14	120	96	96	2a	12	552/625622	
	90	68	68	2a	13	552/625632	
M 16	70	47	47	2a	15	552/625642*	
	90	67	67	2a	15	552/625652	
	190	167	167	2a	15	552/625662	

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 48 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

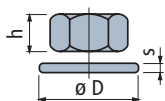
Accessories

Anti-slip



- Code : 630002.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 48 pieces.

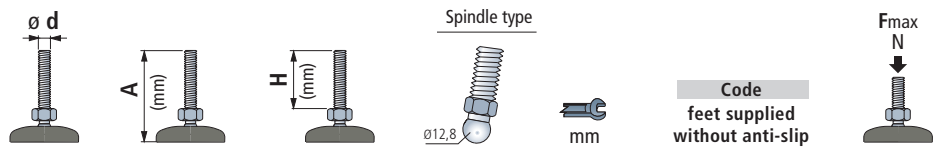
Nut + Washer



	Code		h mm	mm	ØD mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M8	-	630102	6,5	13	17	1,6
M10	630182	630112	8	17	21	2
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3

Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16).

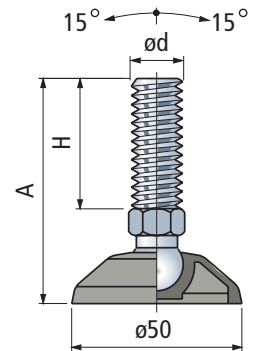
Part. 173



Spindle in stainless steel						Code feet supplied without anti-slip	Fmax N
M	A (mm)	H (mm)	Spindle type	mm			
M 10	95	71	2a	12	173/625252	10000	
M 12	90	69	2a	12	173/625262		
	155	132	2a	12	173/625272		
M 14	90	68	2a	13	173/625282		
M 16	95	72	2a	15	173/625292	10000	
	155	132	2a	15	173/625302		

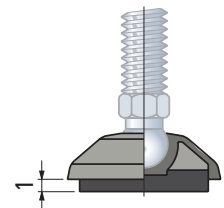
Spindle in zinc plated steel						Code feet supplied without anti-slip	Fmax N
M	A (mm)	H (mm)	Spindle type	mm			
M 8	60	40	2a	12	173/625312	10000	
	55	33	2a	12	173/625322		
M 10	95	71	2a	12	173/625332		
	140	118	2a	12	173/625342		
M 12	70	48	2a	12	173/625352		
	90	69	2a	12	173/625362		
M 14	120	96	2a	12	173/625372		
	90	68	2a	13	173/625382		
M 16	70	47	2a	15	173/625392*		
	90	67	2a	15	173/625402		
	190	167	2a	15	173/625412		

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



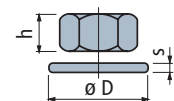
Accessories

Anti-slip



- Code : 630012.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

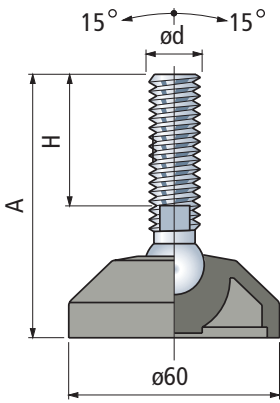
Nut + Washer



Code	Stainless steel		h mm	mm	ø D mm	s mm
	AISI 304	Zinc plated steel				
M8	-	630102	6,5	13	17	1,6
M10	630182	630112	8	17	21	2
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3

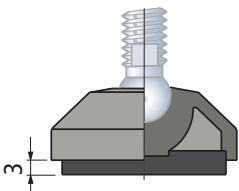
Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16).

Part. 98



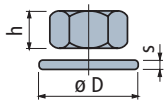
Accessories

Anti-slip



- Code : 630022.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



	Code		h mm	Nut mm	øD mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

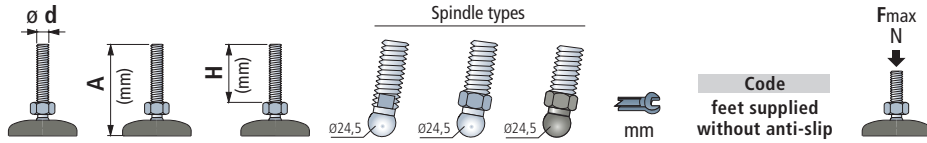
Packaging : 8 pieces.

	A (mm)	H (mm)	Spindle types			mm	Code feet supplied without anti-slip	Fmax N	
			Ø14,2	Ø14,2	Ø24,5				
Spindle in stainless steel									
M 14	110	76	1a	-	-	11	98/626002	10000	
	100	64	1a	-	-	13	98/626012		
M 16	115	81	1a	-	-	13	98/626022		
	160	124	1a	-	-	13	98/626032		
	185	151	1a	-	-	13	98/626042		
M 20	120	84	1a	-	-	16	98/626052		
	185	149	1a	-	-	16	98/626062		
M 24	185	146	1a	-	-	19	98/626072		
Spindle in nickel plated brass									
M 16	95	63	-	2b	-	16	98/626082		10000
Spindle in zinc plated steel									
M 14	90	56	1a	-	-	11	98/626092	10000	
	80	48	-	2b	-	16	98/685701		
	95	61	1a	-	-	13	98/626102		
	100	68	-	2b	-	16	98/674171		
	125	89	-	2b	-	16	98/685741		
M 16	130	96	1a	-	-	13	98/626112		
	150	116	1a	-	-	13	98/626122		
	160	124	-	2b	-	16	98/674191		
	165	130	-	2b	-	16	98/685761		
	185	151	1a	-	-	13	98/626132		
	200	165	-	2b	-	16	98/674211		
	235	201	-	2b	-	16	98/674231		
M 20	135	100	1a	-	-	16	98/626142		
	185	150	1a	-	-	16	98/626152		
	250	214	1a	-	-	16	98/626162		
M 24	120	81	1a	-	-	19	98/626172		
	185	146	1a	-	-	19	98/626182		
Spindle in reinforced polyamid (black) with steel pin									
M 16	100	54	-	-	3	24	98/61920	6000	
M 20	120	69	-	-	3	30	98/51540*		
	180	129	-	-	3	30	98/51530		

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 98R

Reinforced version



Spindle in stainless steel							
M 16	115	74	-	6b	-	24	98/628782
	150	109	-	6b	-	24	98/628792
	185	144	-	6b	-	24	98/628802
M 20	200	159	-	6b	-	24	98/628812
	120	74	1b	-	-	16	98/53171
	185	139	1b	-	-	16	98/53161
M 24	250	204	1b	-	-	16	98/685641
	120	79	-	6b	-	24	98/628862
	220	179	-	6b	-	24	98/628872
	255	216	1b	-	-	19	98/61634

Spindle in stainless steel with ball in reinforced polyamide (black)							
M 12	100	53	-	-	6	19	98/673671
	150	103	-	-	6	19	98/673691
	195	149	-	-	6	19	98/673711
M 14	150	103	-	-	6	19	98/673751*
	195	149	-	-	6	19	98/673771*
M 16	100	53	-	-	6	24	98/673791
	110	67	-	-	6	24	98/638162
	120	75	-	-	6	24	98/673831*
	150	103	-	-	6	24	98/673851
	185	139	-	-	6	24	98/673871
M 20	225	181	-	-	6	24	98/673931
M 20	195	149	-	-	6	24	98/669001*

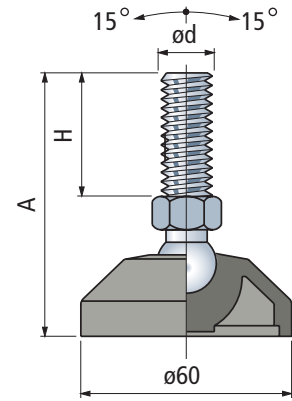
Spindle in zinc plated steel							
M 16	95	54	-	6b	-	24	98/628822
	130	89	-	6b	-	24	98/628832
	160	119	-	6b	-	24	98/628842
	195	154	-	6b	-	24	98/628852
M 20	120	74	1b	-	-	16	98/53151
	150	106	1b	-	-	16	98/61564
	185	139	1b	-	-	16	98/52561
	250	204	1b	-	-	16	98/66401
M 24	120	79	-	6b	-	24	98/628882*
	185	144	-	6b	-	24	98/628892
	325	288	1b	-	-	19	98/673651*

Spindle in zinc plated steel with ball in reinforced polyamide (black)							
M 12	110	64	-	-	6	19	98/673511

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (*= 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

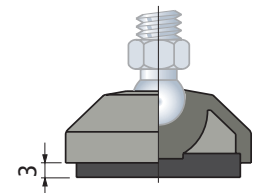


Same dimensions as Part. 98, it differs in its higher load capacity.



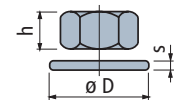
Accessories

Anti-slip



- Code : 630022.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces

Nut + Washer



	Code					
	Stainless steel	Zinc plated	h	øD	s	
	AISI 304	steel	mm	mm	mm	
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces.

Part. 94



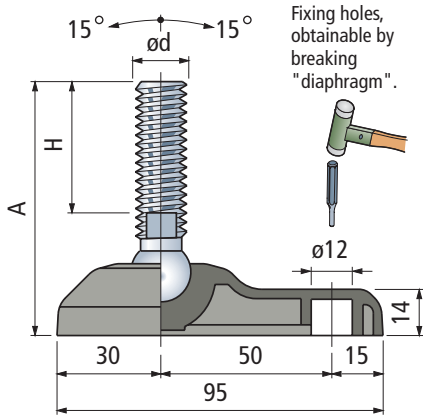
	Ø d	A (mm)	H (mm)	Spindle types			mm	Code feet supplied without anti-slip	Fmax N
				Ø14,2	Ø14,2	Ø24,5			
Spindle in stainless steel									
M 14	110	76		1a	-	-	11	94/626192	10000
	100	64		1a	-	-	13	94/626202	
M 16	115	81		1a	-	-	13	94/626212	
	160	124		1a	-	-	13	94/626222	
	185	151		1a	-	-	13	94/626232	
M 20	120	84		1a	-	-	16	94/626242	
	185	149		1a	-	-	16	94/626252	
M 24	185	146		1a	-	-	19	94/626262	

Spindle in nickel plated brass									
M 16	95	63		-	2b	-	16	94/626272	10000

Spindle in zinc plated steel									
M 14	90	56		1a	-	-	11	94/626282	10000
	80	48		-	2b	-	16	94/690541	
	95	61		1a	-	-	13	94/626292	
	100	68		-	2b	-	16	94/690581	
	125	89		-	2b	-	16	94/690601	
M 16	130	96		1a	-	-	13	94/626302	
	150	116		1a	-	-	13	94/626312	
	160	124		-	2b	-	16	94/690641	
	165	130		-	2b	-	16	94/690661	
	185	151		1a	-	-	13	94/626322	
	200	165		-	2b	-	16	94/690721	
	235	201		-	2b	-	16	94/690741	
M 20	135	100		1a	-	-	16	94/626332	
	185	150		1a	-	-	16	94/626342	
M 24	250	214		1a	-	-	16	94/626352	
	120	81		1a	-	-	19	94/626362	
	185	146		1a	-	-	19	94/626372	

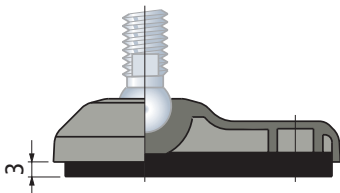
Spindle in reinforced polyamid (black) with steel pin									
M 16	100	54		-	-	3	24	94/690421	6000
M 20	120	69		-	-	3	30	94/690441*	
	180	129		-	-	3	30	94/690461	

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



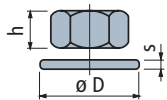
Accessories

Anti-slip



- Code : 630032.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer

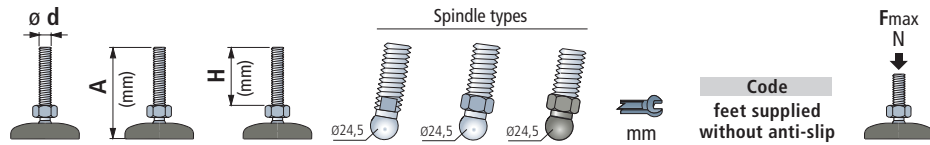


	Code		h mm	Washer ØD mm	s mm	Nut ØD mm
	Stainless steel AISI 304	Zinc plated steel				
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces.

Part. 94R

Reinforced version



Spindle in stainless steel							
	A (mm)	H (mm)	Spindle types	mm	Code	Fmax N	
M 16	115	74	-	6b	24	94/626872	12000
	150	109	-	6b	24	94/626882	
	185	144	-	6b	24	94/626892	
M 20	200	159	-	6b	24	94/626902	
	120	74	1b	-	16	94/690001	
	185	139	1b	-	16	94/690081	
M 24	250	204	1b	-	16	94/690141	
	120	79	-	6b	24	94/626952	
	220	179	-	6b	24	94/626962	
	255	216	1b	-	19	94/690301	

Spindle in stainless steel with ball in reinforced polyamide (black)							
	A (mm)	H (mm)	Spindle types	mm	Code	Fmax N	
M 12	100	53	-	6	19	94/689561	12000
	150	103	-	6	19	94/689581	
	195	149	-	6	19	94/689601	
M 14	150	103	-	6	19	94/689681*	
	195	149	-	6	19	94/689701*	
M 16	100	53	-	6	24	94/689741	
	110	67	-	6	24	94/689781	
	120	75	-	6	24	94/689801*	
	150	103	-	6	24	94/689821	
	185	139	-	6	24	94/689901	
M 20	225	181	-	6	24	94/689981	
	195	149	-	6	24	94/690121*	

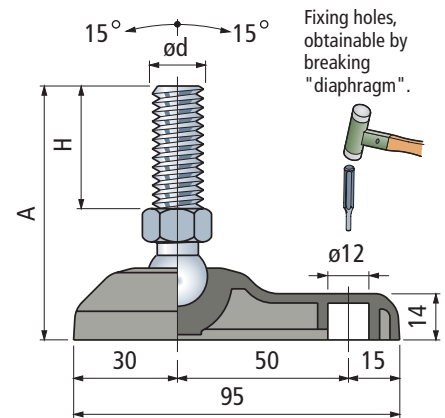
Spindle in zinc plated steel							
	A (mm)	H (mm)	Spindle types	mm	Code	Fmax N	
M 16	95	54	-	6b	24	94/626912	12000
	130	89	-	6b	24	94/626922	
	160	119	-	6b	24	94/626932	
	195	154	-	6b	24	94/626942	
M 20	120	74	1b	-	16	94/690781	
	150	106	1b	-	16	94/690851	
	185	139	1b	-	16	94/690871	
	250	204	1b	-	16	94/690931	
M 24	120	79	-	6b	24	94/626972*	
	185	144	-	6b	24	94/626982	
	325	288	1b	-	19	94/691071*	

Spindle in zinc plated steel with ball in reinforced polyamide (black)							
	A (mm)	H (mm)	Spindle types	mm	Code	Fmax N	
M 12	110	64	-	6	19	94/690481	12000

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (*= 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

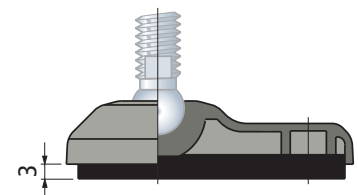


Same dimensions as Part. 94, it differs in its higher load capacity.



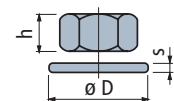
Accessories

Anti-slip



- Code : 630032.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

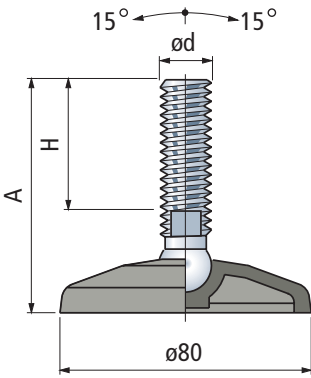
Nut + Washer



	Code	Stainless steel	Zinc plated steel	h mm	s mm	Ø D mm	s mm
M12	630192	630122		10	19	24	2,5
M14	630202	630132		11	22	28	2,5
M16	630212	630142		13	24	30	3
M20	630222	630152		16	30	37	3
M24	630232	630162		19	36	44	4

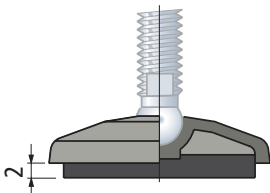
Packaging : 8 pieces.

Part. 172



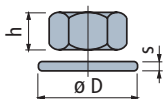
Accessories


Anti-slip



- Code : 630042.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



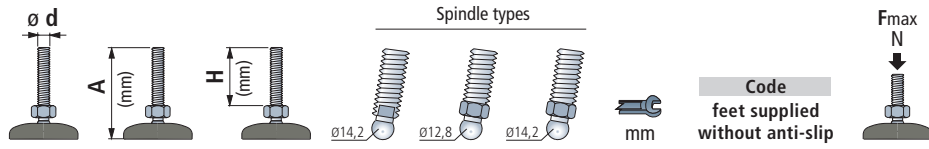
Code	Stainless steel AISI 304	Zinc plated steel	h mm	 mm	$\varnothing D$ mm	s mm
M8	-	630102	6,5	13	17	1,6
M10	630182	630112	8	17	21	2
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16, M20, M24).

	$\varnothing d$	A (mm)	H (mm)	Spindle types			mm	Code feet supplied without anti-slip	F_{max} N
				$\varnothing 14,2$	$\varnothing 12,8$	$\varnothing 14,2$			
Spindle in stainless steel									
M 10	95	71	-	2a	-	12	172/65666	9000	
M 12	95	69	-	2a	-	12	172/65566		
	155	132	-	2a	-	12	172/674461		
M 14	95	68	-	2a	-	12	172/626802	10000	
	105	76	1a	-	-	11	172/626382		
	95	64	1a	-	-	13	172/626392		
	100	72	-	2a	-	15	172/626812		
M 16	110	81	1a	-	-	13	172/626402	10000	
	155	124	1a	-	-	13	172/626412		
	160	132	-	2a	-	15	172/626822		
	180	151	1a	-	-	13	172/626422		
M 20	115	84	1a	-	-	16	172/626432	10000	
	180	149	1a	-	-	16	172/626442		
M 24	180	146	1a	-	-	19	172/626452		
Spindle in nickel plated brass									
M 16	90	63	-	-	2b	16	172/626462	10000	
Spindle in zinc plated steel									
M 8	65	40	-	2a	-	12	172/674401	9000	
	60	33	-	2a	-	12	172/60804		
M 10	95	71	-	2a	-	12	172/60824		
	145	118	-	2a	-	12	172/62711		
M 12	70	48	-	2a	-	12	172/60834	10000	
	95	69	-	2a	-	12	172/54711		
	120	96	-	2a	-	12	172/58391		
M 14	85	56	1a	-	-	11	172/626472	9000	
	95	68	-	2a	-	13	172/626762		
	75	47	-	2a	-	15	172/626772*		
	75	48	-	-	2b	16	172/685881	10000	
	90	61	1a	-	-	13	172/626482		
	95	67	-	2a	-	15	172/626782	9000	
	95	68	-	-	2b	16	172/638492		
M 16	115	89	-	-	2b	16	172/685901	10000	
	125	96	1a	-	-	13	172/626492		
	145	116	1a	-	-	13	172/626502		
	150	124	-	-	2b	16	172/638502		
	155	130	-	-	2b	16	172/685921		
	180	151	1a	-	-	13	172/626512		
	190	165	-	-	2b	16	172/637862		
	195	167	-	2a	-	15	172/626792		
	230	201	-	-	2b	16	172/63492		
	130	100	1a	-	-	16	172/626522		
M 20	180	150	1a	-	-	16	172/626532	10000	
	245	214	1a	-	-	16	172/626542		
M 24	115	81	1a	-	-	19	172/626552		
	180	146	1a	-	-	19	172/626562		

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- F_{max} . = maximum applicable load in static conditions.

Part. 323

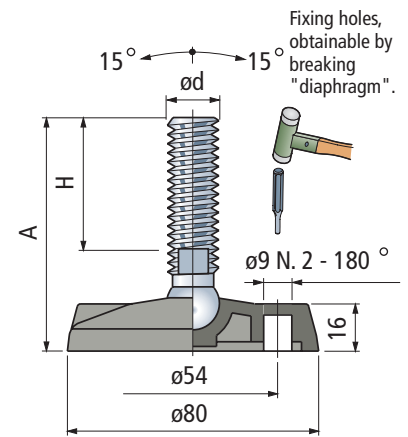


Spindle in stainless steel								
M 10	95	71	-	2a	-	12	323/65686N	9000
M 12	95	69	-	2a	-	12	323/65596N	
	155	132	-	2a	-	12	323/679061N	
M 14	95	68	-	2a	-	12	323/626842	10000
	105	76	1a	-	-	11	323/626572	
	95	64	1a	-	-	13	323/626582	
M 16	100	72	-	2a	-	15	323/626852	10000
	110	81	1a	-	-	13	323/626592	
	155	124	1a	-	-	13	323/626602	
	160	132	-	2a	-	15	323/626862	
	180	151	1a	-	-	13	323/626612	
M 20	115	84	1a	-	-	16	323/626622	10000
	180	149	1a	-	-	16	323/626632	
M 24	180	146	1a	-	-	19	323/626642	
Spindle in nickel plated brass								
M 16	90	63	-	2b	-	16	323/626652	10000
Spindle in zinc plated steel								
M 8	65	40	-	2a	-	12	323/678901N	9000
	60	33	-	2a	-	12	323/61384N	
M 10	95	71	-	2a	-	12	323/60464N	9000
	145	118	-	2a	-	12	323/61404N	
M 12	70	48	-	2a	-	12	323/61414N	9000
	95	69	-	2a	-	12	323/62313N	
M 14	120	96	-	2a	-	12	323/678941N	10000
	85	56	1a	-	-	11	323/626662	
M 16	95	68	-	2a	-	13	323/626832	10000
	75	47	-	2a	-	15	323/638022*	
	75	48	-	-	2b	16	323/685981N	
	90	61	1a	-	-	13	323/626672	
	95	67	-	2a	-	15	323/638032	
	95	68	-	-	2b	16	323/62353N	
	115	89	-	-	2b	16	323/686001N	
	125	96	1a	-	-	13	323/626682	
	145	116	1a	-	-	13	323/626692	
	150	124	-	-	2b	16	323/69935N	
M 20	155	130	-	-	2b	16	323/686021N	10000
	180	151	1a	-	-	13	323/626702	
	190	165	-	-	2b	16	323/62383N	
	195	167	-	2a	-	15	323/638042	
	230	201	-	-	2b	16	323/679021N	
M 24	130	100	1a	-	-	16	323/626712	10000
	180	150	1a	-	-	16	323/626722	
	245	214	1a	-	-	16	323/626732	
M 24	115	81	1a	-	-	19	323/626742	10000
	180	146	1a	-	-	19	323/626752	

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

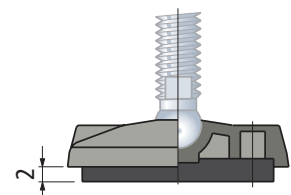


Same dimensions as Part. 172, it differs in its predisposition to fixing.



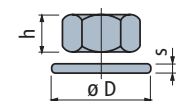
Accessories

Anti-slip



- Code : 630042.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

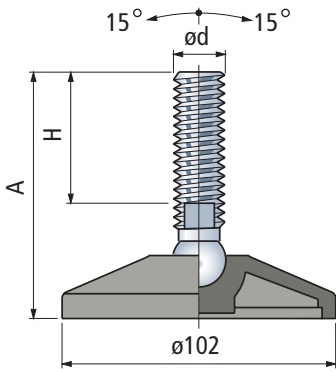
Nut + Washer



	Code		h mm	s mm	øD mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M8	-	630102	6,5	13	17	1,6
M10	630182	630112	8	17	21	2
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

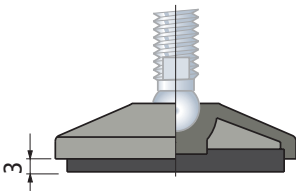
Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16, M20, M24).

Part. 132



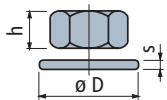
Accessories

Anti-slip



- Code : 630052.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



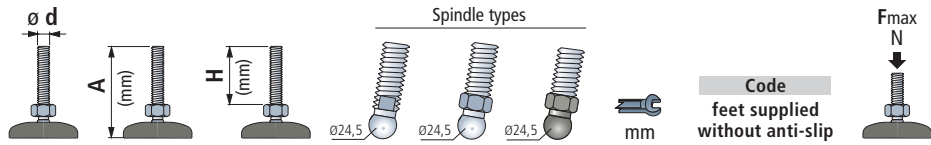
	Code		h mm	øD mm	s mm
	Stainless steel AISI 304	Zinc plated steel			
M14	630202	630132	11	22	2,5
M16	630212	630142	13	24	3
M20	630222	630152	16	30	3
M24	630232	630162	19	36	4

Packaging : 8 pieces.

	A (mm)	H (mm)	Spindle types			mm	Code feet supplied without anti-slip	Fmax N	
			Ø14,2	Ø14,2	Ø24,5				
Spindle in stainless steel									
M 14	110	76	1a	-	-	11	132/633002	12000	
	100	64	1a	-	-	13	132/633012		
M 16	115	81	1a	-	-	13	132/633022		
	160	124	1a	-	-	13	132/633032		
M 20	185	151	1a	-	-	13	132/633042		
	120	84	1a	-	-	16	132/633052		
M 24	185	149	1a	-	-	16	132/633062		
	185	146	1a	-	-	19	132/633072		
Spindle in nickel plated brass									
M 16	95	63	-	2b	-	16	132/633082		12000
Spindle in zinc plated steel									
M 14	90	56	1a	-	-	11	132/633092	12000	
	80	48	-	2b	-	16	132/686141		
	95	61	1a	-	-	13	132/633102		
	100	68	-	2b	-	16	132/675081		
	125	89	-	2b	-	16	132/686181		
M 16	130	96	1a	-	-	13	132/633112		
	150	116	1a	-	-	13	132/633122		
	160	124	-	2b	-	16	132/675101		
	165	130	-	2b	-	16	132/686201		
	185	151	1a	-	-	13	132/633132		
M 20	200	165	-	2b	-	16	132/675121		
	235	201	-	2b	-	16	132/675141		
	130	100	1a	-	-	16	132/633142		
M 24	180	150	1a	-	-	16	132/633152		
	250	214	1a	-	-	16	132/633162		
M 24	120	81	1a	-	-	19	132/633172		
	185	146	1a	-	-	19	132/633182		
Spindle in reinforced polyamid (black) with steel pin									
M 16	100	54	-	-	3	24	132/627082	6000	
	120	69	-	-	3	30	132/627092*		
M 20	185	129	-	-	3	30	132/627102		

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 132R
Reinforced version



Spindle in stainless steel							
	A (mm)	H (mm)	Spindle types	mm	Code	feet supplied	Fmax N
M 16	115	74	-	6b	-	24	132/627002
	150	109	-	6b	-	24	132/627012
	185	144	-	6b	-	24	132/627022
	200	159	-	6b	-	24	132/627032
M 20	120	74	1b	-	-	16	132/627042
	185	139	1b	-	-	16	132/627052
	250	204	1b	-	-	16	132/686081
M 24	120	79	-	6b	-	24	132/627062
	220	179	-	6b	-	24	132/627072
	255	216	1b	-	-	19	132/61834

Spindle in stainless steel with ball in reinforced polyamide (black)							
	A (mm)	H (mm)	Spindle types	mm	Code	feet supplied	Fmax N
M 12	100	53	-	-	6	19	132/674621
	150	103	-	-	6	19	132/674641
	195	149	-	-	6	19	132/674661
M 14	150	103	-	-	6	19	132/674701*
	195	149	-	-	6	19	132/674721*
M 16	100	53	-	-	6	24	132/674741
	115	67	-	-	6	24	132/638152
	120	75	-	-	6	24	132/674761*
	150	103	-	-	6	24	132/674781
	185	139	-	-	6	24	132/672891
	225	181	-	-	6	24	132/69857
M 20	195	149	-	-	6	24	132/674931*

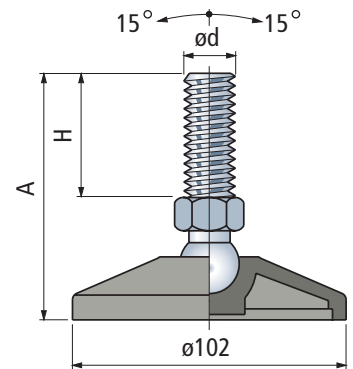
Spindle in zinc plated steel							
	A (mm)	H (mm)	Spindle types	mm	Code	feet supplied	Fmax N
M 16	95	54	-	6b	-	24	132/627112
	130	89	-	6b	-	24	132/627122
	160	119	-	6b	-	24	132/627132
	195	154	-	6b	-	24	132/627142
M 20	120	74	1b	-	-	16	132/627152
	155	106	1b	-	-	16	132/627162
	185	139	1b	-	-	16	132/627172
	250	204	1b	-	-	16	132/627182
M 24	120	79	-	6b	-	24	132/627192*
	325	288	1b	-	-	19	132/65243*

Spindle in zinc plated steel with ball in reinforced polyamide (black)							
	A (mm)	H (mm)	Spindle types	mm	Code	feet supplied	Fmax N
M 12	110	64	-	-	6	19	132/674521

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (*= 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

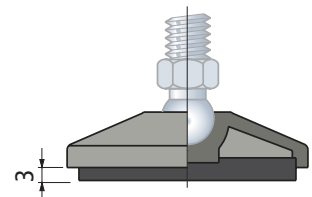


Same dimensions as Part. 132, it differs in its higher load capacity.



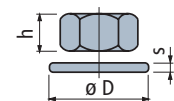
Accessories

Anti-slip



- Code : 630052.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

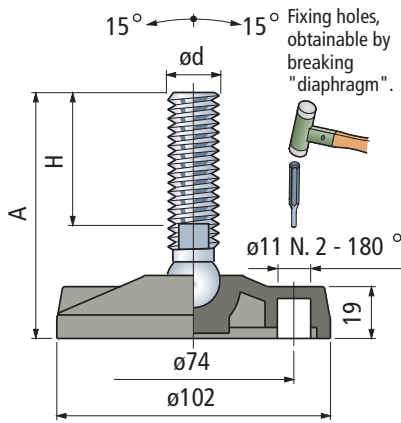
Nut + Washer



	Code	Stainless steel	Zinc plated steel	h mm	s mm	øD mm	s mm
M12	630192	630122		10	19	24	2,5
M14	630202	630132		11	22	28	2,5
M16	630212	630142		13	24	30	3
M20	630222	630152		16	30	37	3
M24	630232	630162		19	36	44	4

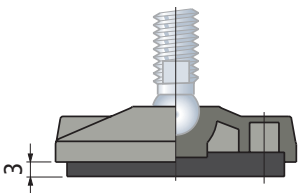
Packaging : 8 pieces.

Part. 133



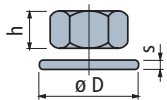
Accessories

Anti-slip



- Code : 630052.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



	Code		h mm	s mm	øD mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces.

	A (mm)	H (mm)	Spindle types			mm	Code feet supplied without anti-slip	Fmax N
			Ø14,2	Ø14,2	Ø24,5			
Spindle in stainless steel								
M 14	110	76	1a	-	-	11	133/633192	12000
	100	64	1a	-	-	13	133/633202	
M 16	115	81	1a	-	-	13	133/633212	
	160	124	1a	-	-	13	133/633222	
	185	151	1a	-	-	13	133/633232	
M 20	120	84	1a	-	-	16	133/633242	
	185	149	1a	-	-	16	133/633252	
M 24	185	146	1a	-	-	19	133/633262	

Spindle in nickel plated brass								
M 16	95	63	-	2b	-	16	133/633272	12000

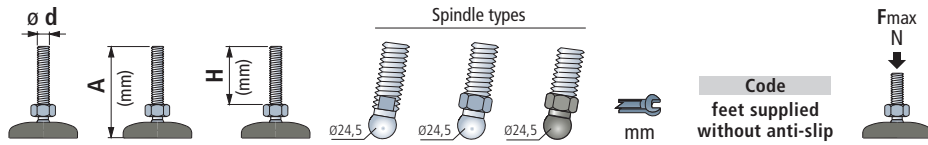
Spindle in zinc plated steel								
M 14	90	56	1a	-	-	11	133/633282	12000
	80	48	-	2b	-	16	133/686381N	
	95	61	1a	-	-	13	133/633292	
	100	68	-	2b	-	16	133/679711N	
	125	89	-	2b	-	16	133/686421N	
M 16	130	96	1a	-	-	13	133/633302	
	150	116	1a	-	-	13	133/633312	
	160	124	-	2b	-	16	133/679731N	
	165	130	-	2b	-	16	133/686441N	
	185	151	1a	-	-	13	133/633322	
	200	165	-	2b	-	16	133/679751N	
	235	201	-	2b	-	16	133/679771N	
M 20	130	100	1a	-	-	16	133/633332	
	180	150	1a	-	-	16	133/633342	
M 24	250	214	1a	-	-	16	133/633352	
	120	81	1a	-	-	19	133/633362	
185	146	1a	-	-	19	133/633372		

Spindle in reinforced polyamid (black) with steel pin								
M 16	100	54	-	-	3	24	133/627292	6000
M 20	120	69	-	-	3	30	133/627302*	
	185	129	-	-	3	30	133/627312	

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 133R

Reinforced version



Spindle in stainless steel							
M 16	115	74	-	6b	-	24	133/627212
	150	109	-	6b	-	24	133/627222
	185	144	-	6b	-	24	133/627232
M 20	200	159	-	6b	-	24	133/627242
	120	74	1b	-	-	16	133/627252
	185	139	1b	-	-	16	133/627262
M 24	250	204	1b	-	-	16	133/686321N
	120	79	-	6b	-	24	133/627272
	220	179	-	6b	-	24	133/627282
	255	216	1b	-	-	19	133/61994N

Spindle in stainless steel with ball in reinforced polyamide (black)							
M 12	100	53	-	-	6	19	133/679231N
	150	103	-	-	6	19	133/679251N
	195	149	-	-	6	19	133/679271N
M 14	150	103	-	-	6	19	133/679311N*
	195	149	-	-	6	19	133/679331N*
M 16	100	53	-	-	6	24	133/679351N
	115	67	-	-	6	24	133/638142
	120	75	-	-	6	24	133/679371N*
	150	103	-	-	6	24	133/679391N
	185	139	-	-	6	24	133/69706N
M 20	225	181	-	-	6	24	133/679461N
M 20	195	149	-	-	6	24	133/679551N*

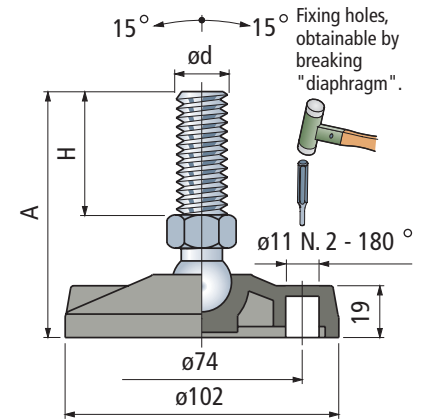
Spindle in zinc plated steel							
M 16	95	54	-	6b	-	24	133/627322
	130	89	-	6b	-	24	133/627332
	160	119	-	6b	-	24	133/627342
	195	154	-	6b	-	24	133/627352
M 20	120	74	1b	-	-	16	133/627362
	155	106	1b	-	-	16	133/627372
	185	139	1b	-	-	16	133/627382
	250	204	1b	-	-	16	133/627392
M 24	120	79	-	6b	-	24	133/627402*
	185	144	-	6b	-	24	133/627412
	325	288	1b	-	-	19	133/679211N*

Spindle in zinc plated steel with ball in reinforced polyamide (black)							
M 12	110	64	-	-	6	19	133/679121N

- = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (* = 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

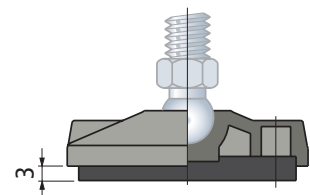


Same dimensions as Part. 133, it differs in its higher load capacity.



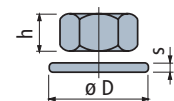
Accessories

Anti-slip



- Code : 630052.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

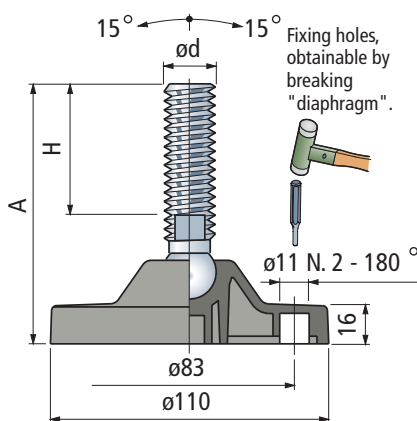
Nut + Washer



	Code					
	Stainless steel	Zinc plated steel	h	mm	øD	s
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

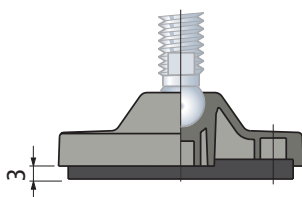
Packaging : 8 pieces.

Part.479



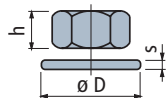
Accessories

Anti-slip



- Code : 630062.
- Material : PVC rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 16 pieces.

Nut + Washer



	Code		h mm	s mm	øD mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces.

	A (mm)	H (mm)	Spindle types			mm	Code feet supplied without anti-slip	Fmax N
			Ø14,2	Ø14,2	Ø24,5			
Spindle in stainless steel								
M 14	120	76	1a	-	-	11	479/633382	15000
	110	64	1a	-	-	13	479/633392	
M 16	125	81	1a	-	-	13	479/633402	
	170	124	1a	-	-	13	479/633412	
	195	151	1a	-	-	13	479/633422	
M 20	130	84	1a	-	-	16	479/633432	
	195	149	1a	-	-	16	479/633442	
M 24	195	146	1a	-	-	19	479/633452	

Spindle in nickel plated brass								
M 16	105	63	-	2b	-	16	479/633462	15000

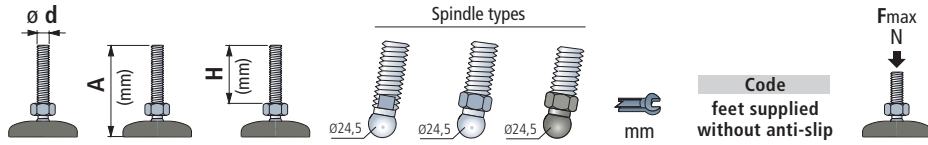
Spindle in zinc plated steel								
M 14	100	56	1a	-	-	11	479/633472	15000
	90	48	-	2b	-	16	479/686621N	
	105	61	1a	-	-	13	479/633482	
	110	68	-	2b	-	16	479/675811N	
	135	89	-	2b	-	16	479/686661N	
M 16	140	96	1a	-	-	13	479/633492	
	160	116	1a	-	-	13	479/633502	
	170	124	-	2b	-	16	479/675831N	
	175	130	-	2b	-	16	479/686681N	
	195	151	1a	-	-	13	479/633512	
	210	165	-	2b	-	16	479/675851N	
	245	201	-	2b	-	16	479/675871N	
M 20	140	100	1a	-	-	16	479/633522	
	190	150	1a	-	-	16	479/633532	
M 24	260	214	1a	-	-	16	479/633542	
	130	81	1a	-	-	19	479/633552	
M 24	195	146	1a	-	-	19	479/633562	

Spindle in reinforced polyamid (black) with steel pin								
M 16	110	54	-	-	3	24	479/627502	6000
M 20	130	69	-	-	3	30	479/627512*	
	190	129	-	-	3	30	479/627522	

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 16 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part.479R

Reinforced version



Spindle in stainless steel							Code feet supplied without anti-slip	Fmax N
	A (mm)	H (mm)	Spindle types	mm				
M 16	125	74	-	6b	-	24	20000	
	160	109	-	6b	-	24		
	195	144	-	6b	-	24		
M 20	210	159	-	6b	-	24		
	130	74	1b	-	-	16		
	195	139	1b	-	-	16		
M 24	260	204	1b	-	-	16		
	130	79	-	6b	-	24		
	230	179	-	6b	-	24		
	270	216	1b	-	-	19		

Spindle in stainless steel with ball in reinforced polyamide (black)							Code	Fmax N
	A (mm)	H (mm)	Spindle types	mm				
M 12	110	53	-	-	6	19	20000	
	160	103	-	-	6	19		
	205	149	-	-	6	19		
M 14	160	103	-	-	6	19		
	205	149	-	-	6	19		
	110	53	-	-	6	24		
M 16	125	67	-	-	6	24		
	130	75	-	-	6	24		
	160	103	-	-	6	24		
	195	139	-	-	6	24		
	240	181	-	-	6	24		
M 20	205	149	-	-	6	24		

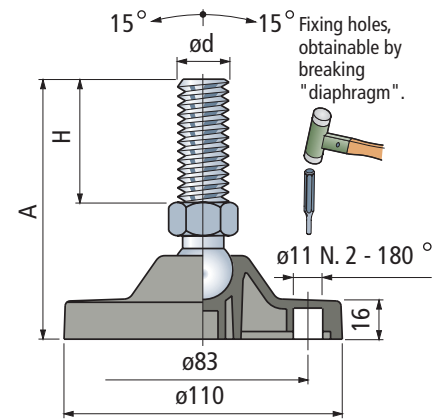
Spindle in zinc plated steel							Code	Fmax N
	A (mm)	H (mm)	Spindle types	mm				
M 16	105	54	-	6b	-	24	20000	
	140	89	-	6b	-	24		
	170	119	-	6b	-	24		
	205	154	-	6b	-	24		
M 20	130	74	1b	-	-	16		
	165	106	1b	-	-	16		
	195	139	1b	-	-	16		
	260	204	1b	-	-	16		
M 24	130	79	-	6b	-	24		
	195	144	-	6b	-	24		
	340	288	1b	-	-	19		

Spindle in zinc plated steel with ball in reinforced polyamide (black)							Code	Fmax N
	A (mm)	H (mm)	Spindle types	mm				
M 12	120	64	-	-	6	19	20000	

- = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 16 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

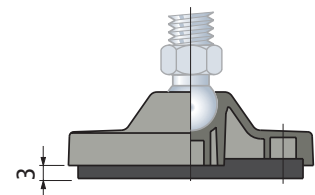


Same dimensions as Part. 479, it differs in its higher load capacity.



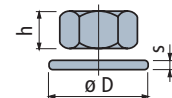
Accessories

Anti-slip



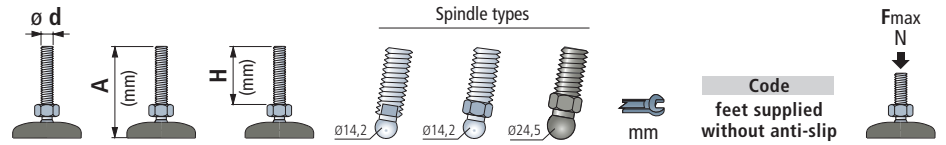
- Code : 630062.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 16 pieces.

Nut + Washer



	Code		h	s	ØD	s
	Stainless steel AISI 304	Zinc plated steel	mm	mm	mm	mm
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Part. 292



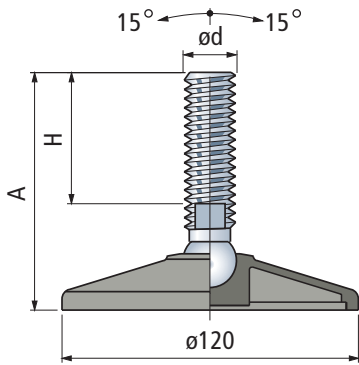
Spindle in stainless steel								Code feet supplied without anti-slip	Fmax N
M	A (mm)	H (mm)	Spindle types	mm					
M 14	110	76	1a	-	-	11	292/633572	15000	
	100	64	1a	-	-	13	292/633582		
M 16	115	81	1a	-	-	13	292/633592		
	160	124	1a	-	-	13	292/633602		
M 20	185	151	1a	-	-	13	292/633612		
	120	84	1a	-	-	16	292/633622		
M 24	185	149	1a	-	-	16	292/633632		
	185	146	1a	-	-	19	292/633642		

Spindle in nickel plated brass								Code feet supplied without anti-slip	Fmax N
M	A (mm)	H (mm)	Spindle types	mm					
M 16	95	63	-	2b	-	16	292/633652	15000	

Spindle in zinc plated steel								Code feet supplied without anti-slip	Fmax N
M	A (mm)	H (mm)	Spindle types	mm					
M 14	90	56	1a	-	-	11	292/633662	15000	
	80	48	-	2b	-	16	292/686861		
	95	61	1a	-	-	13	292/633672		
	100	68	-	2b	-	16	292/676701		
	125	89	-	2b	-	16	292/686901		
M 16	130	96	1a	-	-	13	292/633682		
	150	116	1a	-	-	13	292/633692		
	160	124	-	2b	-	16	292/676721		
	165	130	-	2b	-	16	292/686921		
	185	151	1a	-	-	13	292/633702		
M 20	200	165	-	2b	-	16	292/676741		
	235	201	-	2b	-	16	292/676761		
	130	100	1a	-	-	16	292/633712		
M 24	180	150	1a	-	-	16	292/633722		
	250	214	1a	-	-	16	292/633732		
M 24	120	81	1a	-	-	19	292/633742		
	185	146	1a	-	-	19	292/633752		

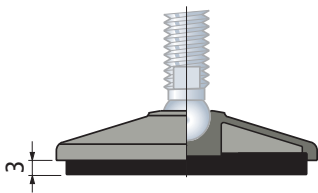
Spindle in reinforced polyamid (black) with steel pin								Code feet supplied without anti-slip	Fmax N
M	A (mm)	H (mm)	Spindle types	mm					
M 16	100	54	-	-	3	24	292/627712	6000	
M 20	120	69	-	-	3	30	292/627722*		
	185	129	-	-	3	30	292/627732		

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



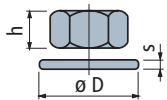
Accessories

Anti-slip



- Code : 630072.
- Material : PVC rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer

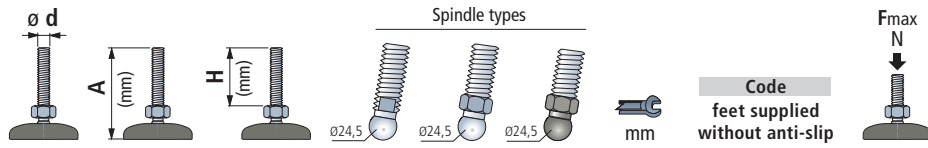


Code	Stainless steel		h mm	s mm	øD mm	s mm
	AISI 304	Zinc plated steel				
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces.

Part. 292R

Reinforced version



Spindle in stainless steel							Code feet supplied without anti-slip	Fmax N
M 16	115	74	-	6b	-	24	292/627632	16000
	150	109	-	6b	-	24		
	185	144	-	6b	-	24		
	200	159	-	6b	-	24		
M 20	120	74	1b	-	-	16	292/627672	16000
	185	139	1b	-	-	16	292/627682	
	250	204	1b	-	-	16	292/686801	
M 24	120	79	-	6b	-	24	292/627692	16000
	220	179	-	6b	-	24	292/627702	
	260	216	1b	-	-	19	292/62794	

Spindle in stainless steel with ball in reinforced polyamide (black)							Code	Fmax N
M 12	100	53	-	-	6	19	292/676211	16000
	150	103	-	-	6	19	292/676231	
	195	149	-	-	6	19	292/676251	
M 14	150	103	-	-	6	19	292/676291*	16000
	195	149	-	-	6	19	292/676311*	
M 16	100	53	-	-	6	24	292/676331	16000
	115	67	-	-	6	24	292/62654	
	120	75	-	-	6	24	292/676351*	
	150	103	-	-	6	24	292/676371	
	185	139	-	-	6	24	292/676391	
M 20	230	181	-	-	6	24	292/676451	16000
M 20	195	149	-	-	6	24	292/676541*	16000

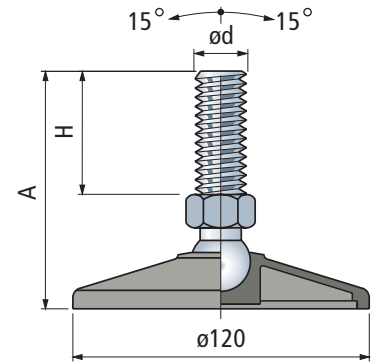
Spindle in zinc plated steel							Code	Fmax N
M 16	95	54	-	6b	-	24	292/627742	16000
	130	89	-	6b	-	24	292/627752	
	160	119	-	6b	-	24	292/627762	
	195	154	-	6b	-	24	292/627772	
M 20	120	74	1b	-	-	16	292/627782	16000
	155	106	1b	-	-	16	292/627792	
	185	139	1b	-	-	16	292/627802	
	250	204	1b	-	-	16	292/627812	
M 24	120	79	-	6b	-	24	292/627822*	16000
	185	144	-	6b	-	24	292/627832	
	330	288	1b	-	-	19	292/676191*	

Spindle in zinc plated steel with ball in reinforced polyamide (black)							Code	Fmax N
M 12	110	64	-	-	6	19	292/65013	16000

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (*= 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

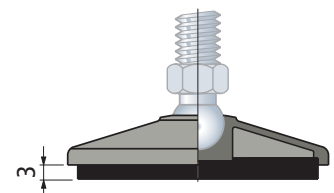


Same dimensions as Part. 292, it differs in its higher load capacity.



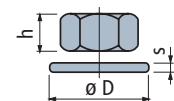
Accessories

Anti-slip



- Code : 630072.
- Material : PVC rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

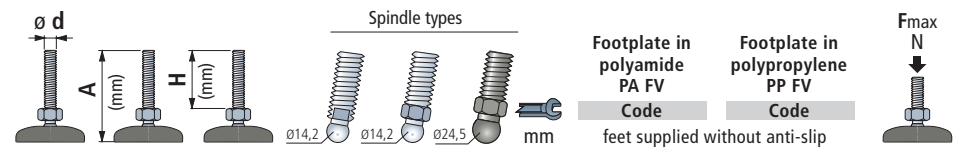
Nut + Washer



	Code		h	s	øD	s
	Stainless steel	Zinc plated steel	mm	mm	mm	mm
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces.

Part. 170



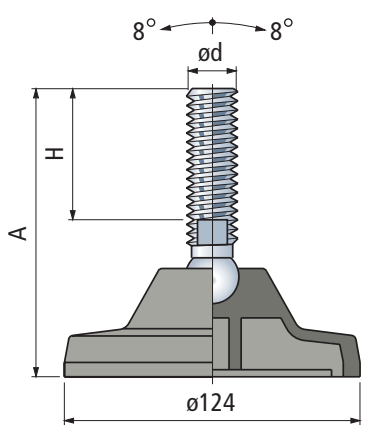
Spindle in stainless steel		Footplate in polyamide PA FV		Footplate in polypropylene PP FV		Fmax N
M	Code	Code	Code	Code		
M 14	135	76	1a	-	-	10000 (PA FV) 5000 (PP FV)
	120	64	1a	-	-	
	140	81	1a	-	-	
M 16	180	124	1a	-	-	10000 (PA FV) 5000 (PP FV)
	210	151	1a	-	-	
	145	84	1a	-	-	
M 20	210	149	1a	-	-	10000 (PA FV) 5000 (PP FV)
	M 24	210	146	1a	-	

Spindle in nickel plated brass		Footplate in polyamide PA FV		Footplate in polypropylene PP FV			
M 16	120	63	-	2b	16	170/633922	170/633932

Spindle in zinc plated steel		Footplate in polyamide PA FV		Footplate in polypropylene PP FV			
M 14	115	56	1a	-	-	170/633942	170/633952
	100	48	-	-	16	170/L687210	170/L687210
	120	61	1	-	13	170/633962	170/633972
	120	68	-	2b	-	170/L6918900	170/L6917900
	145	89	-	-	16	170/L6872610	170/L6872810
M 16	155	96	1a	-	13	170/633982	170/633992
	175	115	1a	-	13	170/634002	170/634012
	180	115	-	2b	16	170/L6782510	170/L6782710
	185	130	-	2b	16	170/L6873010	170/L6873210
	220	165	1a	-	13	170/634022	170/634032
M 20	205	150	1a	-	16	170/634062	170/634072
	275	214	1a	-	16	170/634082	170/634092
	M 24	145	81	1a	-	19	170/634102
	210	146	1a	-	19	170/634122	170/634132

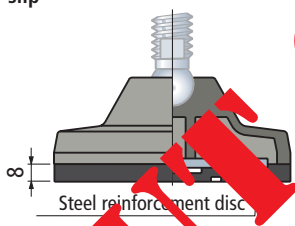
Spindle in reinforced polyamid (black) with steel pin		Footplate in polyamide PA FV		Footplate in polypropylene PP FV				
M 16	120	54	-	-	3	24	170/627922	170/628262
M 20	140	69	-	-	3	30	170/627932*	170/628272*
	205	129	-	-	3	30	170/627942	170/628282

* Available upon request and minimum order quantity.
Footplate material : reinforced polyamide PA FV (black) and reinforced polypropylene PP FV (black).
- Packaging : 8 pieces.
- Anti-slip supplied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions.



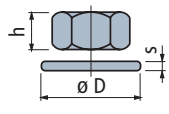
Accessories

Anti-slip



- Code with reinforcement disc : 630082.
- Code without reinforcement disc : 630092.
- Assembly with screw and plate supplied loose.
- Material : Nylon 66 (black), 80 Shore.
- Packaging : 8 pieces.

Nut + Washer



Code	Stainless steel		h mm	s mm	ØD mm	s mm
	AISI 304	Zinc plated steel				
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

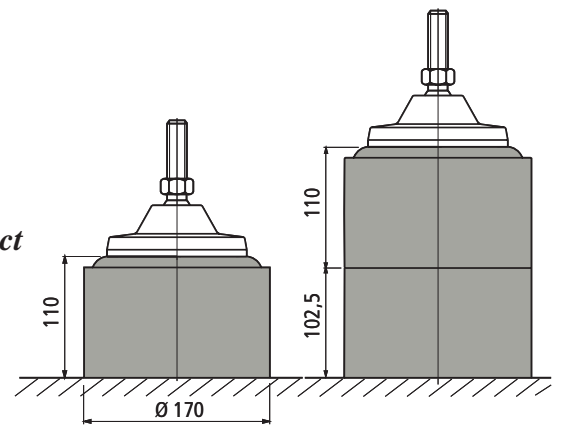
Packaging : 8 pieces

Part. 726 - Spacer

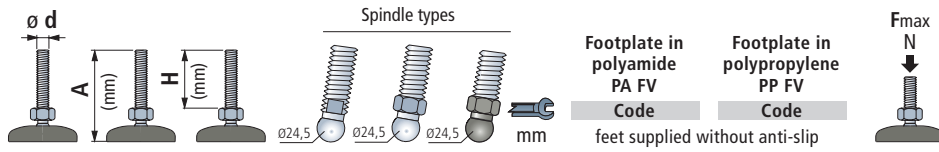


New Product

- Code : 726/688772.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg.
- Packaging : 8 pieces.



Part. 170R
Reinforced version



Spindle in stainless steel						
	A (mm)	H (mm)	Spindle types	Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	Fmax N
M 16	135	74	- 6b	170/627842	170/628292	
	170	109	- 6b	170/627852	170/628302	
	205	144	- 6b	170/627862	170/628312	
M 20	220	159	- 6b	170/627872	170/628322	25000 (PA FV)
	140	74	1b	170/627882	170/628332	10000 (PP FV)
	205	139	1b	170/627892	170/628342	
M 24	270	204	1b	170/687061	170/687081	
	140	79	- 6b	170/627902	170/628352	
	240	179	- 6b	170/627912	170/628362	
	280	216	1b	170/52101	170/62474	

Spindle in stainless steel with ball in reinforced polyamide (black)						
	A (mm)	H (mm)	Spindle types	Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	Fmax N
M 12	120	53	- - 6	170/L6772710	170/L6772910	
	170	103	- - 6	170/L6773110	170/L6773310	
	215	149	- - 6	170/L6773510	170/L6773710	
M 14	170	103	- - 6	170/L6774310*	170/L6774510*	
	215	149	- - 6	170/L6774710*	170/L6774910*	
	120	53	- - 6	170/L6775110	170/L6775310	17000 (PA FV)
M 16	135	67	- - 6	170/L6770410	170/L6770610	14000 (PA FV)
	145	75	- - 6	170/L677510*	170/L6775110*	10000 (PP FV)
	170	103	- - 6	170/L6776110	170/L6776110	
M 20	205	139	- - 6	170/L6776310	170/L6776510	
	250	181	- - 6	170/L6777110	170/L6777310	
	215	149	- - 6	170/L679410*	170/L6779610*	

Spindle in zinc plated steel with ball in reinforced polyamide (black)						
	A (mm)	H (mm)	Spindle types	Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	Fmax N
M 12	130	64	- - 6	170/L6770010	170/L6770210	

Spindle in zinc plated steel						
	A (mm)	H (mm)	Spindle types	Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	Fmax N
M 16	115	54	- - 24	170/627952	170/628372	
	150	89	- - 24	170/627962	170/628382	
	180	119	- 6b - 24	170/627972	170/628392	
	215	154	- 6b - 24	170/627982	170/628402	
M 20	140	74	- - 16	170/627992	170/628412	25000 (PA FV)
	175	109	1b - 16	170/628002	170/628422	10000 (PP FV)
	205	139	1b - 16	170/628012	170/628432	
	270	204	1b - 16	170/628022	170/628442	
M 24	140	79	- 6b - 24	170/628032*	170/628452*	
	205	144	- 6b - 24	170/628042	170/628462	
	288	1b - 19	170/68821	170/677251		

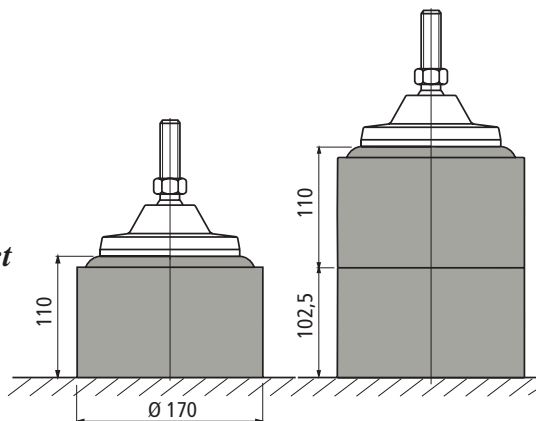
- Available upon request and minimum order quantity.
- Footplate material: reinforced polyamide PA FV (black) and reinforced polypropylene PP FV (black).
- Packaging: 8 pieces.
- Anti-slip applied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 726 - Spacer

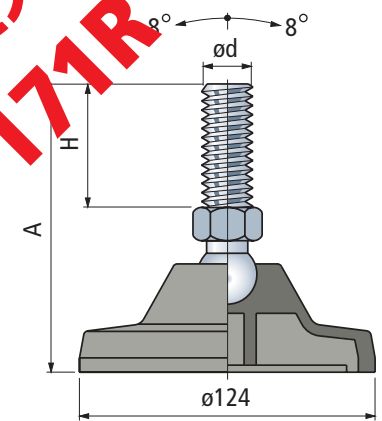


New Product

- Code : 726/688772.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg.
- Packaging : 8 pieces.

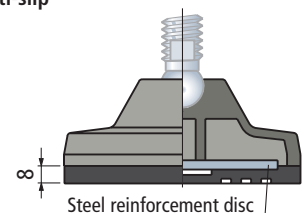


Same dimensions as Part. 170, it differs in its higher load capacity.



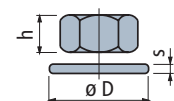
Accessories

Anti-slip



- Code with reinforcement disc : 630082.
- Code without reinforcement disc : 630092.
- Assembly : with screws for plate supplied loose.
- Material : NBR rubber (black), 80 Shore.
- Packaging : 8 pieces

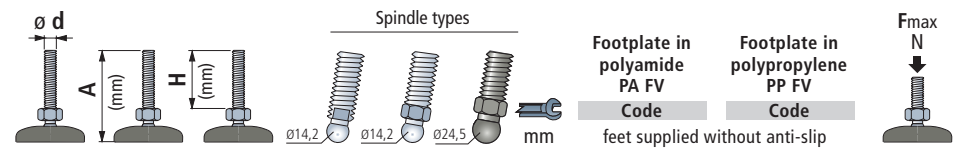
Nut + Washer



	Code		h mm	ø mm	øD mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces

Part. 171



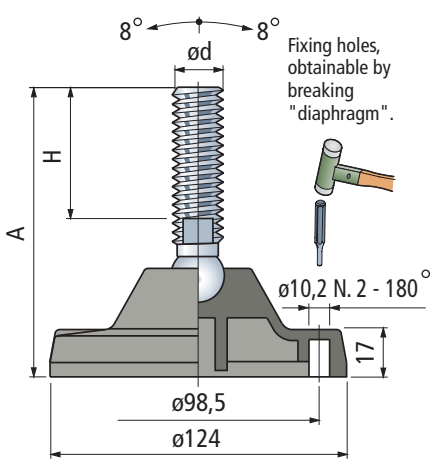
Spindle in stainless steel		Footplate in polyamide PA FV Code		Footplate in polypropylene PP FV Code		Fmax N
M 14	135	76	1a	-	11	
	120	64	1a	-	13	
M 16	140	81	1a	-	13	
	180	124	1a	-	13	
	210	151	1a	-	13	
M 20	145	84	1a	-	16	
	210	149	1a	-	16	
M 24	210	146	1a	-	19	

Spindle in nickel plated brass	
M 16	120 63 - 2b - 16 171/634302 171/634312

Spindle in zinc plated steel	
M 14	115 56 1a - - 11 171/634322 171/634332
	100 48 - 2b - 16 171/L687651N 171/L687671N
	120 61 1a - - 13 171/634342 171/634352
	120 68 - 2b - 16 171/L69509N 171/L69499N
	145 89 - 2b - 16 171/L687731N 171/L687751N
M 16	155 96 1a - - 13 171/634362 171/634372
	175 116 1a - - 13 171/634382 171/634392
	180 124 - 2b - 16 171/L682441N 171/L682461N
	185 130 - 2b - 16 171/L687771N 171/L687791N
	210 151 1a - - 13 171/634402 171/634412
	220 165 - 2b - 16 171/L69549N 171/L69539N
	255 201 - 2b - 16 171/L682481N 171/L682501N
M 20	155 100 1a - - 16 171/634422 171/634432
	205 150 1a - - 16 171/634442 171/634452
	275 214 1a - - 16 171/634462 171/634472
M 24	145 81 1a - - 19 171/634482 171/634492
	210 146 1a - - 19 171/634502 171/634512

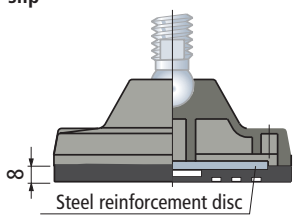
Spindle in reinforced polyamid (black) with steel pin	
M 16	120 54 - - 3 24 171/628132 171/628472
M 20	140 69 - - 3 30 171/628142* 171/628482*
	205 129 - - 3 30 171/628152 171/628492

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black) and reinforced polypropylene PP FV (black).
- Packaging : 8 pieces.
- Anti-slip supplied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions.



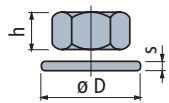
Accessories

Anti-slip



- Code with reinforcement disc : **630082**.
- Code without reinforcement disc : **630092**.
- Assembly : with screws for plate supplied loose.
- Material : NBR rubber (black), 80 Shore.
- Packaging : 8 pieces.

Nut + Washer



Code	Stainless steel		h mm	Ø mm	s mm
	AISI 304	Zinc plated steel			
M14	630202	630132	11	22	2,5
M16	630212	630142	13	24	3
M20	630222	630152	16	30	3
M24	630232	630162	19	36	4

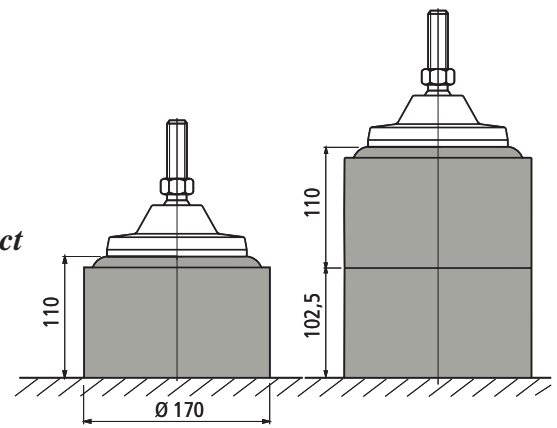
Packaging : 8 pieces.

Part. 726 - Spacer

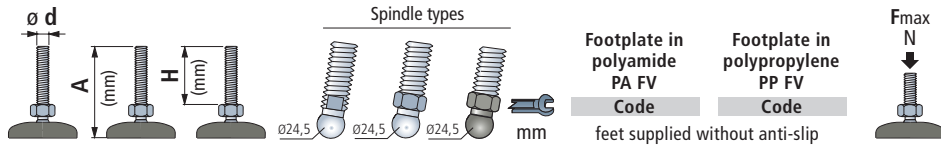


New Product

- Code : **726/688772**.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg;
- Packaging : 8 pieces.



Part. 171R
Reinforced version



Spindle in stainless steel									
							Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	
M 16	135	74	-	6b	-	24	171/628052	171/628502	
	170	109	-	6b	-	24	171/628062	171/628512	
	205	144	-	6b	-	24	171/628072	171/628522	
	220	159	-	6b	-	24	171/628082	171/628532	25000 (PA FV)
M 20	140	74	1b	-	-	16	171/628092	171/628542	10000 (PP FV)
	205	139	1b	-	-	16	171/628102	171/628552	
	270	204	1b	-	-	16	171/687531N	171/687551N	
M 24	140	79	-	6b	-	24	171/628112	171/628562	
	240	179	-	6b	-	24	171/628122	171/628572	
	280	216	1b	-	-	19	171/682281N	171/682301N	

Spindle in stainless steel with ball in reinforced polyamide (black)									
M 12	120	53	-	-	6	19	171/L681271N	171/L681291N	
	170	103	-	-	6	19	171/L681311N	171/L681331N	
	215	149	-	-	6	19	171/L681351N	171/L681371N	
M 14	170	103	-	-	6	19	171/L681431N*	171/L681451N*	
	215	149	-	-	6	19	171/L681471N*	171/L681491N*	
M 16	120	53	-	-	6	24	171/L681551N	171/L681571N	17000 (PA FV)
	135	67	-	-	6	24	171/L681591N	171/L681611N	
	145	75	-	-	6	24	171/L600111N*	171/L600071N*	10000 (PP FV)
	170	103	-	-	6	24	171/L681631N	171/L681651N	
	205	139	-	-	6	24	171/L600131N	171/L600091N	
	250	181	-	-	6	24	171/L681831N	171/L681851N	
M 20	215	149	-	-	6	24	171/L681991N*	171/L682021N*	

Spindle in zinc plated steel with ball in reinforced polyamide (black)									
M 12	130	64	-	-	6	19	171/L680671N	171/L680691N	

Spindle in zinc plated steel									
M 16	115	54	-	6b	-	24	171/628162	171/628582	
	150	89	-	6b	-	24	171/628172	171/628592	
	180	119	-	6b	-	24	171/628182	171/628602	
	215	154	-	6b	-	24	171/628192	171/628612	
M 20	140	74	1b	-	-	16	171/628202	171/628622	25000 (PA FV)
	175	106	1b	-	-	16	171/628212	171/628632	
	205	139	1b	-	-	16	171/628222	171/628642	10000 (PP FV)
	270	204	1b	-	-	16	171/628232	171/628652	
M 24	140	79	-	6b	-	24	171/628242*	171/628662*	
	205	144	-	6b	-	24	171/628252	171/628672	
	350	288	1b	-	-	19	171/681231N	171/681251N	

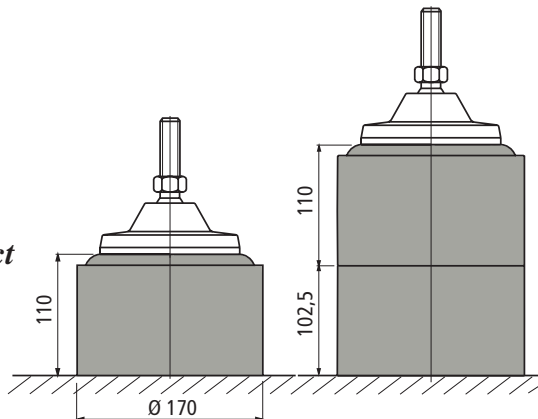
- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black) and reinforced polypropylene PP FV (black).
- Packaging : 8 pieces.
- Anti-slip supplied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 726 - Spacer

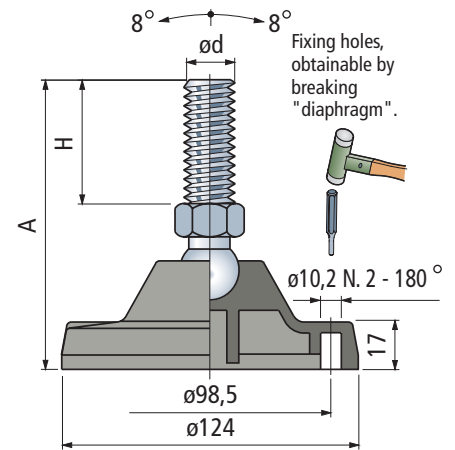


New Product

- Code : 726/688772.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg.
- Packaging : 8 pieces.

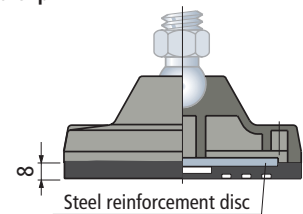


Same dimensions as Part. 171, it differs in its higher load capacity.



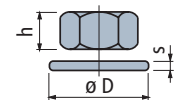
Accessories

Anti-slip



- Code with reinforcement disc : 630082.
- Code without reinforcement disc : 630092.
- Assembly : with screws for plate supplied loose.
- Material : NBR rubber (black), 80 Shore.
- Packaging : 8 pieces.

Nut + Washer



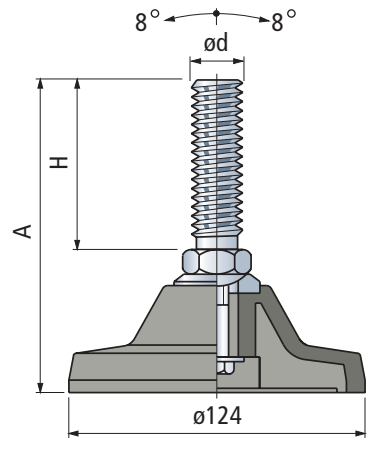
	Code					
	Stainless steel AISI 304	Zinc plated steel	h mm	ø mm	øD mm	s mm
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces.

Part. 254



	Ø d	A (mm)	H (mm)	Spindle types		mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel								
M 16	175	118	-	12	22	254/629092	45000	
	205	148	-	12	22	254/629112		
M 20	205	148	-	12	22	254/629112	45000	
M 24	230	165	11	-	19	254/629132		
M 30	190	120	11	-	27	254/629122	45000	
	250	180	11	-	27	254/629132		
Spindle in zinc plated steel								
M 20	155	100	-	12	22	254/629142	45000	
	195	140	-	12	22	254/629152		
M 30	190	120	11	-	27	254/629162	45000	
	250	180	11	-	27	254/629172		
	325	250	11	-	27	254/688011		

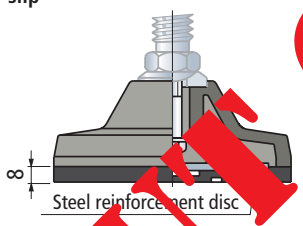


- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 8 pieces.
- Anti-slip supplied separately (on request, supplied in the foot).
- On request different length.
- Fmax. = maximum applicable load in the conditions.

OUT OF PRODUCTION
Replace with Part. 297

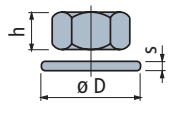
Accessories

Anti-slip



- Code with reinforcement disc : 630082.
- Code without reinforcement disc : 630092.
- Assembly : screw and plate supplied loose.
- Material : Nylon 66 (black), 80 Shore.
- Packaging : 8 pieces.

Nut + Washer



	Code		h mm	mm	ØD mm	s mm
	Stainless steel	Zinc plated steel				
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4
M30	630242	630172	24	46	56	4

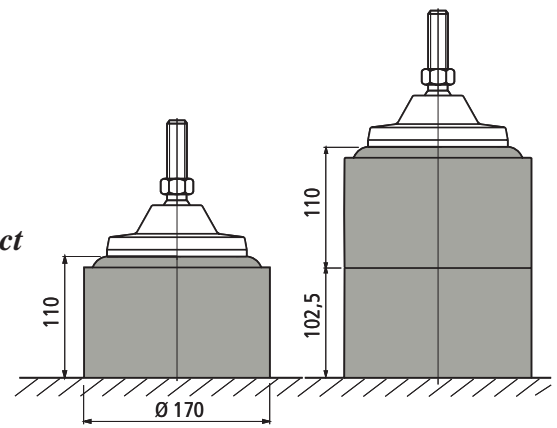
Packaging : 8 pieces.

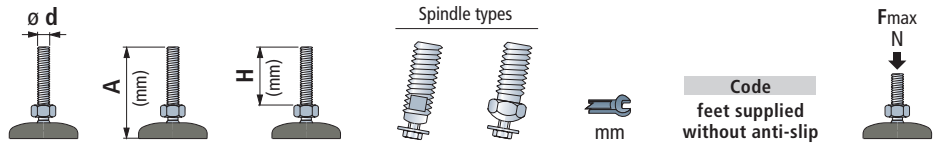
Part. 726 - Spacer



New Product

- Code : 726/688772.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg;
- Packaging : 8 pieces.





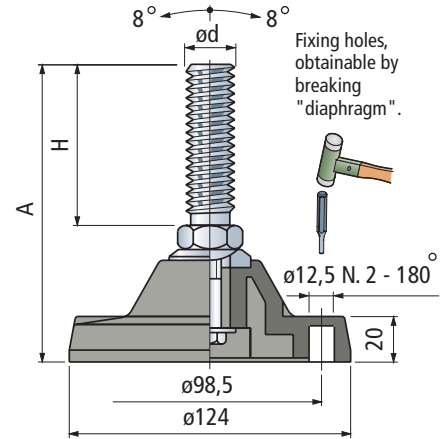
Spindle in stainless steel							Code feet supplied without anti-slip	Fmax N
M	A (mm)	H (mm)	Spindle types	mm	mm			
M 16	175	118	-	12	22	297/629182	45000	
	205	148	-	12	22	297/629192		
M 20	205	148	-	12	22	297/629202		
M 24	230	165	11	-	19	297/680371N		
M 30	190	120	11	-	27	297/629212		
	250	180	11	-	27	297/629222		

Spindle in zinc plated steel							Code feet supplied without anti-slip	Fmax N
M	A (mm)	H (mm)	Spindle types	mm	mm			
M 20	155	100	-	12	22	297/629232	45000	
	195	140	-	12	22	297/629242		
M 30	190	120	11	-	27	297/629252		
	250	180	11	-	27	297/629262		
	325	250	11	-	27	297/688071N		

- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 8 pieces.
- Anti-slip supplied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions

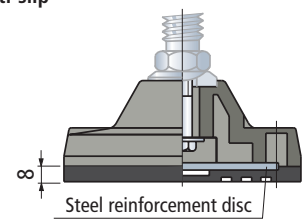


Same dimensions as Part. 254, it differs in its predisposition to fixing.



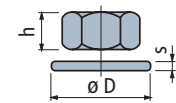
Accessories

Anti-slip



- Code with reinforcement disc : 630082.
- Code without reinforcement disc : 630092.
- Assembly : with screws for plate supplied loose.
- Material : NBR rubber (black), 80 Shore.
- Packaging : 8 pieces

Nut + Washer



	Code		h mm	s mm	øD mm	mm
	Stainless steel	Zinc plated steel				
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4
M30	630242	630172	24	46	56	4

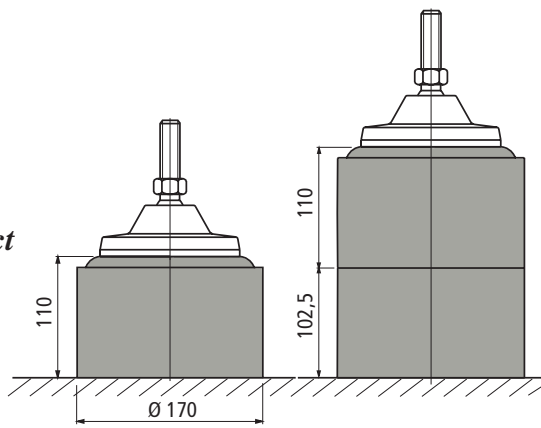
Packaging : 8 pieces.

Part. 726 - Spacer



New Product

- Code : 726/688772.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg.
- Packaging : 8 pieces.

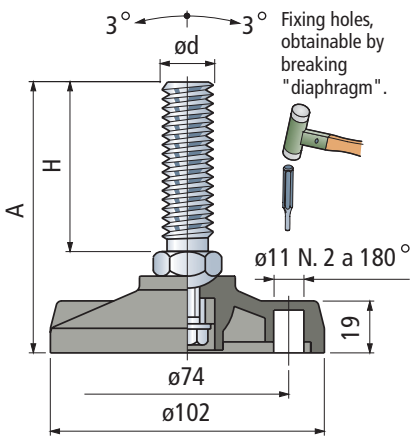


Part. 134



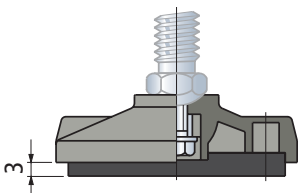
	Ø d	A (mm)	H (mm)	Spindle types		mm	Code feet supplied without anti-slip	Fmax N	
Spindle in stainless steel									
M 16	155	118	-	12	22	134/629002	20000		
	185	148	-	12	22	134/629012			
M 20	185	148	-	12	22	134/629022			
M 24	210	165	11	-	19	134/680091N			
M 30	170	120	11	-	27	134/629032			
	230	180	11	-	27	134/629042			
Spindle in zinc plated steel									
M 20	135	100	-	12	22	134/629052		20000	
	175	140	-	12	22	134/629062			
M 30	170	120	11	-	27	134/629072			
	230	180	11	-	27	134/629082			
	305	250	11	-	27	134/688191N*			

- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (*= 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



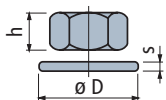
Accessories

Anti-slip



- Code : 630052.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer

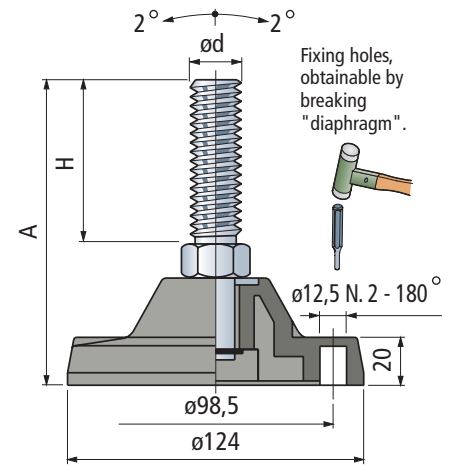


	Code		h	mm	ØD	s
	Stainless steel	Zinc plated steel				
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4
M30	630242	630172	24	46	56	4

Packaging : 8 pieces.

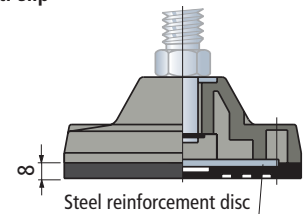
	ø d		A (mm)		H (mm)		Spindle types			Footplate in polyamide PA FV		Footplate in polypropylene PP FV		Fmax N
	mm		mm		mm			Code		Code				
Spindle in stainless steel														
M 16	255	200	21	-	13	169/604993	-					45000 (PA FV)		
	140	81	-	22	30	169/624802	169/628682							
M 20	205	146	-	22	30	169/624812	169/628692					13000 (PP FV)		
	270	218	21	-	17	169/611523*	169/611633*							
M 24	205	152	21	-	19	169/624822	169/628702							
M 30	205	152	21	-	24	169/624832	169/628712							
Spindle in zinc plated steel														
M 16	255	200	-	22	24	169/624842	169/628722					45000 (PA FV)		
	255	200	21	-	13	169/604983*	-							
M 20	140	81	-	22	30	169/624852	169/628732					13000 (PP FV)		
	205	146	-	22	30	169/624862	169/628742							
M 24	205	154	21	-	17	169/611653	169/636162							
	255	195	-	22	30	169/624872	169/628752							
M 24	308	242	-	22	30	169/611663*	169/611673*							
	145	91	21	-	19	169/624882	169/628762							
	205	152	21	-	19	169/624892	169/628772							

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black) and reinforced polypropylene PP FV (black).
- Packaging : 8 pieces.
- Anti-slip supplied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions.



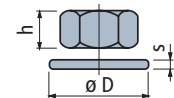
Accessories

Anti-slip



- Code with reinforcement disc : 630082.
- Code without reinforcement disc : 630092.
- Assembly : with screws for plate supplied loose.
- Material : NBR rubber (black), 80 Shore.
- Packaging : 8 pieces.

Nut + Washer



	Code		h mm	s mm	øD mm	mm
	Stainless steel	Zinc plated steel				
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4
M30	630242	630172	24	46	56	4

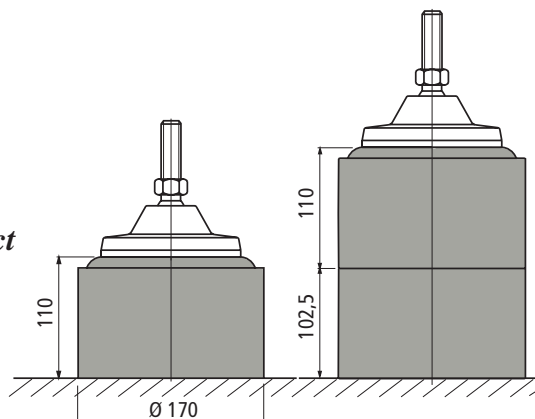
Packaging : 8 pieces.

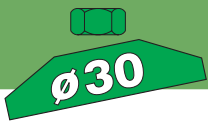
Part. 726 - Spacer



New Product

- Code : 726/688772.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg.
- Packaging : 8 pieces.





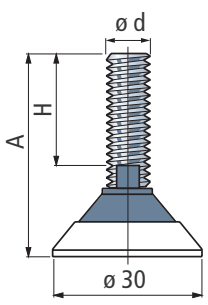
Part. 675



Spindle in stainless steel				Code	Fmax N
M 8	44	22	6	675/683422	8000
	64	42	6	675/683432	
M 10	42	22	8	675/683442	10000
	67	47	8	675/683452	

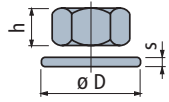
- Footplate material : reinforced polypropylene PP FV (white).
- Packaging : 12 pieces.
- Fmax. = maximum applicable load in static conditions.

New Product



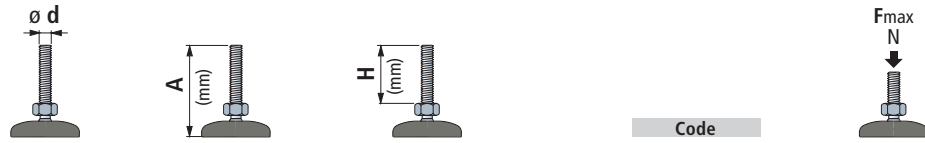
Accessories

Nut + Washer



Code	Stainless steel	h	øD	s
M10	630182	8	17	2

Packaging : 24 pieces.

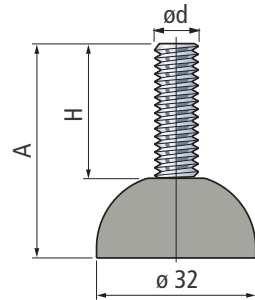


Spindle in zinc plated steel			Code
M 6	31	15	753/603233
	36	20	753/603243
	41	25	753/603253
	46	30	753/603263
M 8	31	15	753/603273
	36	20	753/603283
	41	25	753/603293
	46	30	753/603303
	51	35	753/603313
M 10	56	40	753/603323
	36	20	753/603333
	41	25	753/603343
	46	30	753/603353
	51	35	753/603363
M 12	56	40	753/603373
	61	45	753/603383
	66	50	753/603393
	48	30	753/603403
	53	35	753/603413
M 12	58	40	753/603423
	63	45	753/603433
	68	50	753/603443



New Product

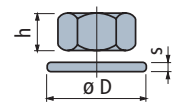
2500



- Footplate material : reinforced polypropylene PP FV (black).
- Packaging : 48 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Accessories

Nut + Washer



Code	Zinc plated steel	h mm	øD mm	s mm
M8	630102	6,5	13	1,6
M10	630112	8	17	2
M12	630122	10	19	2,5

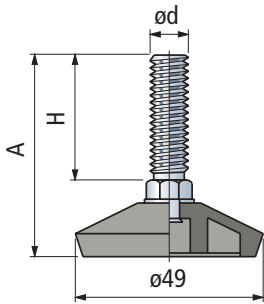
Packaging : 24 pieces (for M8, M10). 8 pieces (for M12).

Part. 600



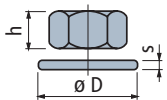
				Code	
M 10	50	30	10	600/68582	2000

- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 48 pieces.
- Fmax. = maximum applicable load in static conditions.



Accessories

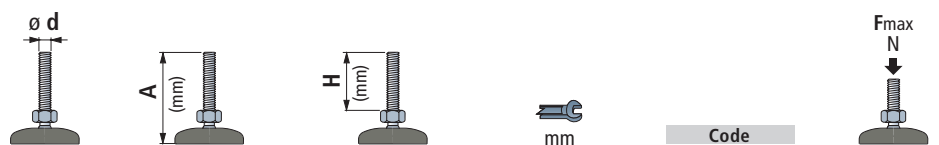
Nut + Washer



Code	Zinc plated steel	h		øD	s
		mm	mm	mm	mm
M10	630112	8	17	21	2

Packaging : 24 pieces.

Part. 602

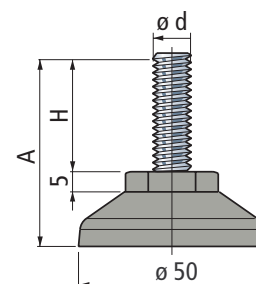


Spindle in zinc plated steel					
	A	H	mm	Code	Fmax N
M 8	50	30	22	602/603523	5000
M 10	60	40	22	602/693852	

- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Fmax. = maximum applicable load in static conditions.

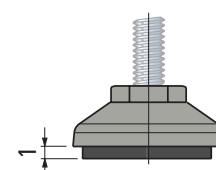


New Product



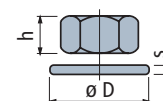
Accessories

Anti-slip



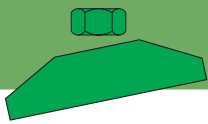
- Code : 630012.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



Code	Zinc plated steel	h mm	mm	øD mm	s mm
M8	630102	6,5	13	17	1,6
M10	630112	8	17	21	2

Packaging : 24 pieces.



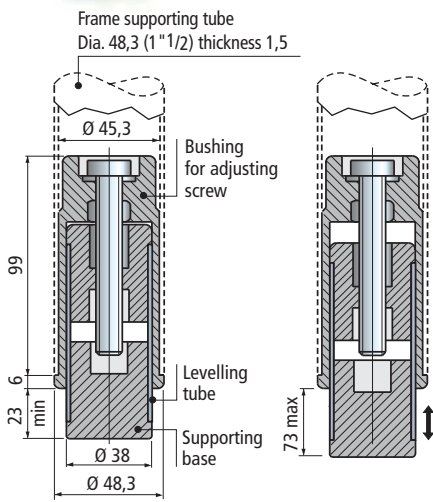
Part. 745

New Product



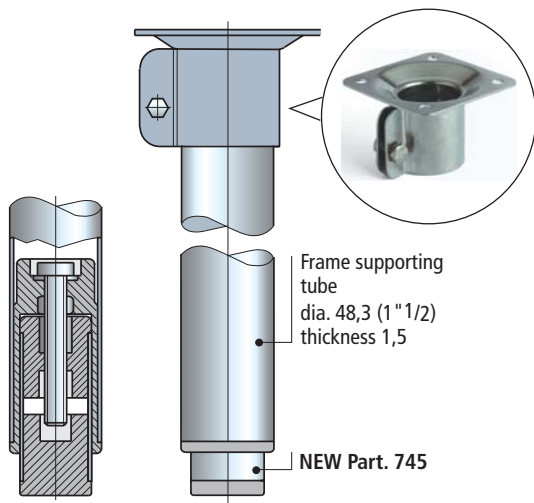
Material	Code	Fmax N ↓
Stainless steel AISI 304	745/699062	4000

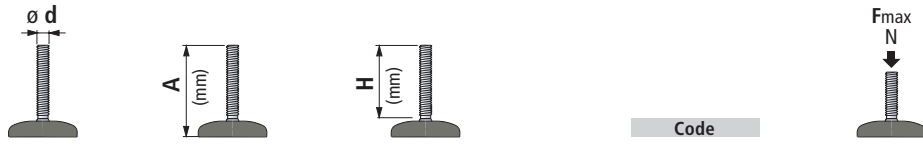
- Material : levelling tube in stainless steel AISI 304. Supporting base and bushing for adjusting screw in reinforced polyamide PA FV (black). Adjusting screw in stainless steel AISI 304. Threaded bushings in nickel plated brass.
- Packaging : 24 pieces.
- Fmax. = maximum applicable load in static conditions.



Assembly

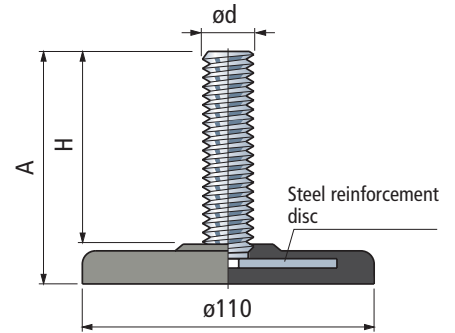
Fixing system with Part.690 (bearing head).





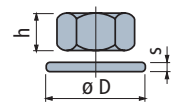
Spindle in zinc plated steel				
M 16	101	86	Code	Fmax N
			31/5150	6000

- Footplate material : PVC rubber black (50 Shore).
- Packaging : 20 pieces.
- Fmax. = maximum applicable load in static conditions.



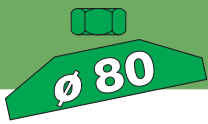
Accessories

Nut + Washer



Code	Zinc plated steel	h mm	øD mm	s mm
M16	630142	13	24	30

Packaging : 8 pieces.



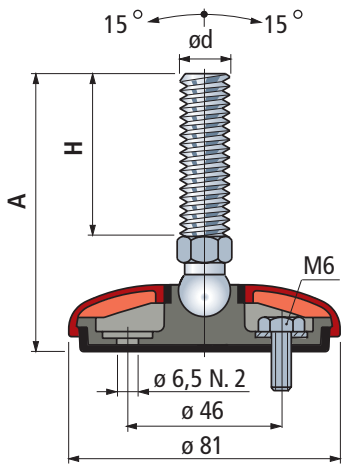
Articulated Feet Gripper

in reinforced polypropylene



Part. 626

Microban® antibacterial protection



Protection cap

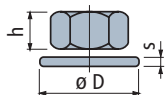


Colour	Code
Dark grey	641912
White	641922
Blue	641932
Orange	641942
Black	641952

- Packaging : 24 pieces.
- Customized cap with customer logo.
- Other colours available upon request.
- Material : polypropylene PP, with Microban® antibacterial protection.

Accessories

Nut + Washer



	Code		h mm	s mm	øD mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M10	630182	630112	8	17	21	2
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 24 pieces (for M10), 8 pieces (for M12, M14, M16, M20, M24).

	A (mm)		H (mm)		Spindle types		Code feet supplied without cap*	Fmax N
	1a	2b	1a	2b	mm	mm		
Spindle in stainless steel								
M 10	95	67	-	2b	14	626/641392	10000	
M 12	85	55	-	2b	14	626/641402		
	145	115	-	2b	14	626/641412		
M 14	110	76	1a	-	11	626/641712		
	100	64	1a	-	13	626/641722		
M 16	115	81	1a	-	13	626/641732		
	160	124	1a	-	13	626/641742		
	185	151	1a	-	13	626/641752		
M 20	120	84	1a	-	16	626/641762		
	185	149	1a	-	16	626/641772		
M 24	185	146	1a	-	19	626/641782		
Spindle in zinc plated steel								
M 10	60	30	-	2b	14	626/641522	10000	
	95	65	-	2b	14	626/641532		
	145	115	-	2b	14	626/641542		
M 12	65	35	-	2b	14	626/641552		
	100	70	-	2b	14	626/641562*		
	120	90	-	2b	14	626/641572*		
M 14	90	56	1a	-	11	626/641792		
	80	48	-	2b	16	626/641592		
	95	61	1a	-	13	626/641812		
	100	68	-	2b	16	626/641602		
	120	89	-	2b	16	626/641612		
	130	96	1a	-	13	626/641822		
M 16	150	116	1a	-	13	626/641832		
	155	124	-	2b	16	626/641622		
	160	130	-	2b	16	626/643052		
	185	151	1a	-	13	626/641842		
	195	165	-	2b	16	626/641632		
M 20	235	201	-	2b	16	626/641642		
	135	100	1a	-	16	626/641862		
	185	150	1a	-	16	626/641872		
	250	214	1a	-	16	626/641882		
	120	81	1a	-	19	626/641892		
M 24	185	146	1a	-	19	626/641902		



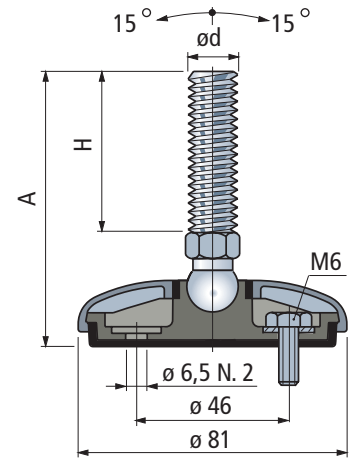
Foot base are protection cap, supplied with Microban® antibacterial protection. By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.

- * = Available upon request and minimum order quantity.
- * = Feet are supplied without protection caps. Caps have to be ordered separately, indicating selected colour.
- Base material : reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore). Materials are supplied with Microban® antibacterial protection.
- The sealing of the internal structure guarantees a better hygiene.
- Feet can be fixed to the floor.
- Packaging : 24 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 627

Microban® antibacterial protection

Spindle in stainless steel			Spindle types		Code		Code	
					feet with cap supplied assembled	feet with cap* supplied disassembled		
M 10	95	67	-	2b	14	627/641972	627/647292	10000
M 12	85	55	-	2b	14	627/641982	627/647302	
	145	115	-	2b	14	627/641992	627/647312	
M 14	110	76	1a	-	11	627/642102	627/647322	
	100	64	1a	-	13	627/642112	627/647332	
M 16	115	81	1a	-	13	627/642122	627/647342	
	160	124	1a	-	13	627/642132	627/647352	
	185	151	1a	-	13	627/642142	627/647362	
M 20	120	84	1a	-	16	627/642152	627/647372	
	185	149	1a	-	16	627/642162	627/647382	
M 24	185	146	1a	-	19	627/642172	627/647392	

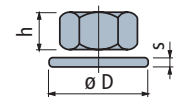


Microban® antibacterial protection. Foot base is supplied with Microban® antibacterial protection. By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.

- * = Feet can be fixed to the floor.
- Protection cap material : stainless steel AISI 304.
- Base material : reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore). Materials are supplied with Microban® antibacterial protection.
- The sealing of the internal structure guarantees a better hygiene.
- Packaging : 24 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Accessories

Nut + Washer



	Code	h	øD	s
Stainless steel AISI 304		mm	mm	mm
M10	630182	8	21	2
M12	630192	10	24	2,5
M14	630202	11	28	2,5
M16	630212	13	30	3
M20	630222	16	37	3
M24	630232	19	44	4

Packaging : 24 pieces (for M10), 8 pieces (for M12, M14, M16, M20, M24).

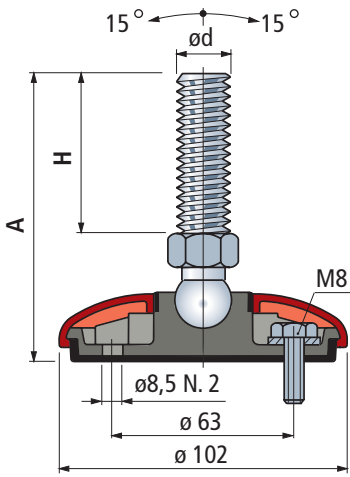


Articulated Feet Gripper in reinforced polypropylene



Part. 622

Microban® antibacterial protection



Protection cap

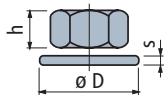


Colour	Code
Dark grey	637052
White	637062
Blue	637072
Orange	637082
Black	639412

- Packaging : 24 pieces.
- Customized cap with customer logo.
- Other colours available upon request.
- Material : polypropylene PP, with Microban® antibacterial protection.

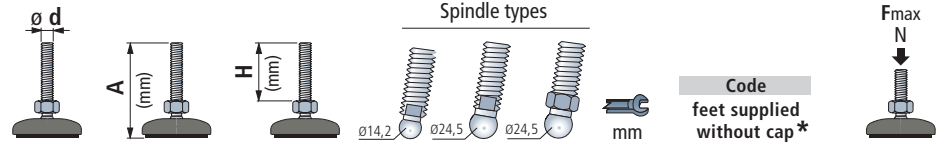
Accessories

Nut + Washer



	Code		h mm	s mm	øD mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces.



Spindle in stainless steel

							Code	
M 14	115	76	1a	-	-	11	622/643542	
	105	64	1a	-	-	13	622/643552	
	115	74	-	-	6b	24	622/637262	
	115	65	-	1b	-	13	622/640362*	
	120	81	1a	-	-	13	622/643562	
	150	109	-	-	6b	24	622/637272	
	M 16	150	100	-	1b	-	13	622/640372*
		165	124	1a	-	-	13	622/643572
		185	144	-	-	6b	24	622/637282
		185	135	-	1b	-	13	622/640382
190		151	1a	-	-	13	622/643582	
200		159	-	-	6b	24	622/637292	
200		150	-	1b	-	13	622/640392	
M 20	120	76	-	-	6b	24	622/637442*	
	120	74	-	1b	-	16	622/637302	
	125	84	1a	-	-	16	622/643592	
	185	141	-	-	6b	24	622/637452	
	185	139	-	1b	-	16	622/637312	
	190	149	1a	-	-	16	622/643602	
M 24	120	79	-	-	6b	24	622/637322	
	120	74	-	1b	-	19	622/640402*	
	190	146	1a	-	-	19	622/643612	
	220	179	-	-	6b	24	622/637332	
220	172	-	1b	-	19	622/640412		

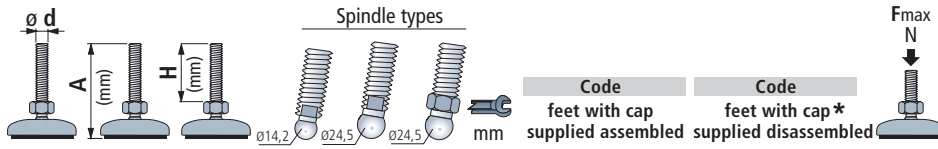
Spindle in zinc plated steel

							Code	
M 14	95	56	1a	-	-	11	622/643622	
	95	54	-	-	6b	24	622/637342	
	95	48	-	1b	-	13	622/640422*	
	100	61	1a	-	-	13	622/643632	
	130	89	-	-	6b	24	622/637352	
	130	83	-	1b	-	13	622/640432	
	M 16	135	96	1a	-	-	13	622/643642
		155	116	1a	-	-	13	622/643652
		160	119	-	-	6b	24	622/637362
		160	113	-	1b	-	13	622/640442*
190		151	1a	-	-	13	622/643662	
195		154	-	-	6b	24	622/637372	
195		148	-	1b	-	13	622/640452*	
M 20	120	76	-	-	6b	24	622/637462*	
	120	74	-	1b	-	16	622/637382	
	140	100	1a	-	-	16	622/643672	
	155	111	-	-	6b	24	622/637472*	
	155	106	-	1b	-	16	622/637392	
	185	141	-	-	6b	24	622/637482*	
	185	139	-	1b	-	16	622/637402	
	190	150	1a	-	-	16	622/643682	
	250	206	-	-	6b	24	622/637492*	
	250	204	-	1b	-	16	622/637412	
M 24	255	214	1a	-	-	16	622/643692	
	120	79	-	-	6b	24	622/637422	
	120	79	-	1b	-	19	622/640462	
	125	81	1a	-	-	19	622/643702	
	185	144	-	-	6b	24	622/637432	
	185	139	-	1b	-	19	622/640472	
	190	146	1a	-	-	19	622/643712	



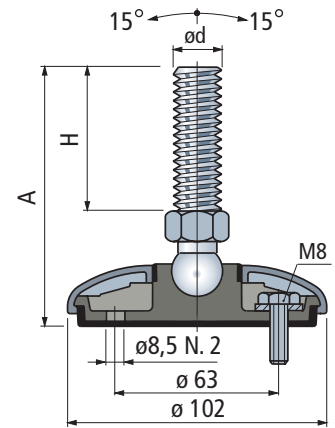
Foot base are protection cap, supplied with Microban® antibacterial protection. By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.

- * = Available upon request and minimum order quantity.
- * = Feet are supplied without protection caps. Caps have to be ordered separately, indicating selected colour.
- Base material : reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore).
- Materials are supplied with Microban® antibacterial protection.
- The sealing of the internal structure guarantees a better hygiene.
- Feet can be fixed to the floor.
- Packaging : 24 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



Spindle in stainless steel									
Code	feet with cap supplied assembled	Code	feet with cap* supplied disassembled	Spindle types					
				Ø d (mm)	A (mm)	H (mm)	Spindle type	mm	mm
M 14	623/643722	623/647402	1a	-	-	11	115	76	1a
	623/643732	623/647412	1a	-	-	13	105	64	1a
	623/637512	623/647422	-	-	6b	24	115	74	-
	623/640482*	623/647432*	1b	-	-	13	115	65	1b
	623/643742	623/647442	-	-	-	13	120	81	1a
	623/637522	623/647452	-	-	6b	24	150	109	-
M 16	623/640492*	623/647462*	1b	-	-	13	150	100	1b
	623/643752	623/647472	1a	-	-	13	165	124	1a
	623/637532	623/647482	-	-	6b	24	185	144	-
	623/640502	623/647492	1b	-	-	13	185	135	1b
	623/643762	623/647502	1a	-	-	13	190	151	1a
	623/637542	623/647512	-	-	6b	24	200	159	-
M 20	623/640512	623/647522	1b	-	-	13	200	150	1b
	623/637692*	623/647532*	-	-	6b	24	120	76	-
	623/637552	623/647542	1b	-	-	16	120	74	1b
	623/643772	623/647552	1a	-	-	16	125	84	1a
	623/637702	623/647562	-	-	6b	24	185	141	-
	623/637562	623/647572	1b	-	-	16	185	139	1b
M 24	623/643782	623/647582	1a	-	-	16	190	149	1a
	623/637572	623/647592	-	-	6b	24	120	79	-
	623/640522*	623/647602*	1b	-	-	19	120	74	1b
	623/643792	623/647612	1a	-	-	19	190	146	1a
M 24	623/637582	623/647622	-	-	6b	24	220	179	-
	623/640532	623/647632	1b	-	-	19	220	172	1b

19500

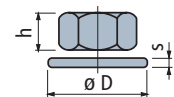


Microban® Foot base is supplied with Microban® antibacterial protection. By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.

- = Available upon request and minimum order quantity.
- * = Feet can be fixed to the floor.
- Protection cap material : stainless steel AISI 304.
- Base material : reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore). Materials are supplied with Microban® antibacterial protection.
- The sealing of the internal structure guarantees a better hygiene.
- Packaging : 24 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Accessories

Nut + Washer

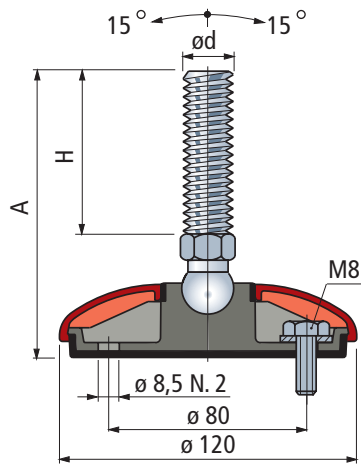


Code	Stainless steel AISI 304	h mm	s mm	ØD mm	s mm
M14	630202	11	22	28	2,5
M16	630212	13	24	30	3
M20	630222	16	30	37	3
M24	630232	19	36	44	4

Packaging : 8 pieces.

Part. 628

Microban® antibacterial protection



Protection cap

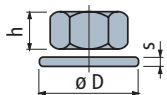


Colour	Code
Dark grey	643062
White	643072
Blue	643082
Orange	643092
Black	643102

- Packaging : 24 pieces.
- Customized cap with customer logo.
- Other colours available upon request.
- Material : polypropylene PP, with Microban® antibacterial protection.

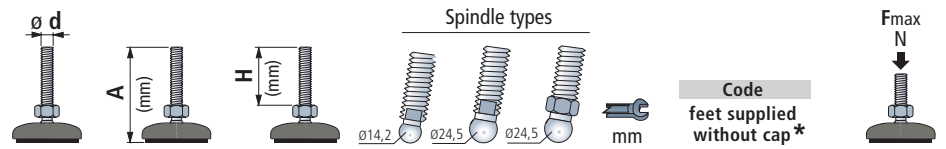
Accessories

Nut + Washer



	Code		h mm	mm	ØD mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces.



Spindle in stainless steel

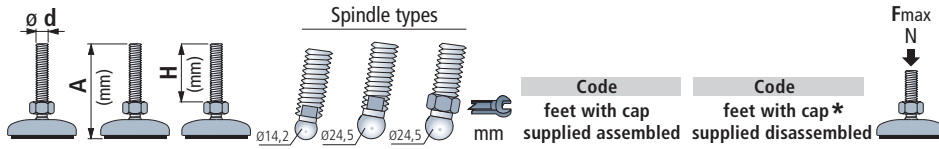
Code	feet supplied without cap*	mm					
		Spindle in stainless steel	Spindle in stainless steel	Spindle in stainless steel	Spindle in stainless steel	Spindle in stainless steel	Spindle in stainless steel
M 14	628/643802	120	76	1a	-	-	11
	628/643812	110	64	1a	-	-	13
	628/642442	120	74	-	-	6b	24
	628/642452*	120	65	-	1b	-	13
	628/643822	125	81	1a	-	-	13
	628/642462	155	109	-	-	6b	24
M 16	628/642472*	155	100	-	1b	-	13
	628/643832	170	124	1a	-	-	13
	628/642482	190	144	-	-	6b	24
	628/642492	190	135	-	1b	-	13
	628/643842	195	151	1a	-	-	13
	628/642502	205	159	-	-	6b	24
M 20	628/642512	205	150	-	1b	-	13
	628/642522*	125	76	-	-	6b	24
	628/642532	125	74	-	1b	-	16
	628/643852	130	84	1a	-	-	16
	628/642542	190	141	-	-	6b	24
	628/642552	190	139	-	1b	-	16
M 24	628/643862	195	149	1a	-	-	16
	628/642562	125	79	-	-	6b	24
	628/642572*	125	74	-	1b	-	19
	628/643872	195	146	1a	-	-	19
	628/642582	225	179	-	-	6b	24
	628/642592	225	172	-	1b	-	19

Spindle in zinc plated steel

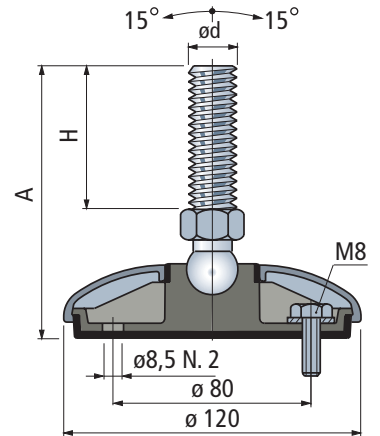
Code	feet supplied without cap*	mm					
		Spindle in zinc plated steel	Spindle in zinc plated steel	Spindle in zinc plated steel	Spindle in zinc plated steel	Spindle in zinc plated steel	Spindle in zinc plated steel
M 14	628/643882	100	56	1a	-	-	11
	628/642602	100	54	-	-	6b	24
	628/642612*	100	48	-	1b	-	13
	628/643892	105	61	1a	-	-	13
	628/642622	135	89	-	-	6b	24
	628/642632	135	83	-	1b	-	13
M 16	628/643902	140	96	1a	-	-	13
	628/643912	160	116	1a	-	-	13
	628/642642	165	119	-	-	6b	24
	628/642652*	165	113	-	1b	-	13
	628/643922	195	151	1a	-	-	13
	628/642662	200	154	-	-	6b	24
M 20	628/642672*	200	148	-	1b	-	13
	628/642682*	125	76	-	-	6b	24
	628/642692	125	74	-	1b	-	16
	628/643932	145	100	1a	-	-	16
	628/642702*	160	111	-	-	6b	24
	628/642712	160	106	-	1b	-	16
M 24	628/642722*	190	141	-	-	6b	24
	628/642732	190	139	-	1b	-	16
	628/643942	195	150	1a	-	-	16
	628/642742*	255	206	-	-	6b	24
	628/642752	255	204	-	1b	-	16
	628/643952	260	214	1a	-	-	16
M 24	628/642762	125	79	-	-	6b	24
	628/642772	125	79	-	1b	-	19
	628/643962	130	81	1a	-	-	19
	628/642782	190	144	-	-	6b	24
	628/642792	190	139	-	1b	-	19
	628/643972	195	146	1a	-	-	19

Microban® Foot base are protection cap, supplied with Microban® antibacterial protection. By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.

- * = Available upon request and minimum order quantity.
- * = Feet are supplied without protection caps. Caps have to be ordered separately, indicating selected colour.
- Base material : reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore).
- Materials are supplied with Microban® antibacterial protection.
- The sealing of the internal structure guarantees a better hygiene.
- Feet can be fixed to the floor.
- Packaging : 24 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



Spindle in stainless steel							Code	Code
						mm	feet with cap supplied assembled	feet with cap* supplied disassembled
M 14	120	76	1a	-	-	11	629/643982	629/647642
	110	64	1a	-	-	13	629/643992	629/647652
	120	74	-	-	6b	24	629/642282	629/647662
	120	65	-	1b	-	13	629/642292*	629/647672*
	125	81	1a	-	-	13	629/644002	629/647682
	155	109	-	-	6b	24	629/642302	629/647692
M 16	155	100	-	1b	-	13	629/642312*	629/647702*
	170	124	1a	-	-	13	629/644012	629/647712
	190	144	-	-	6b	24	629/642322	629/647722
	190	135	-	1b	-	13	629/642332	629/647732
	195	151	1a	-	-	13	629/644022	629/647742
	205	159	-	-	6b	24	629/642342	629/647752
M 20	205	150	-	1b	-	13	629/642352	629/647762
	125	76	-	-	6b	24	629/642362*	629/647772*
	125	74	-	1b	-	16	629/642372	629/647782
	130	84	1a	-	-	16	629/644032	629/647792
	190	141	-	-	6b	24	629/642382	629/647802
	190	139	-	1b	-	16	629/642392	629/647812
M 24	195	149	1a	-	-	16	629/644042	629/647822
	125	79	-	-	6b	24	629/642402	629/647832
	125	74	-	1b	-	19	629/642412*	629/647842*
	195	146	1a	-	-	19	629/644052	629/647852
	225	179	-	-	6b	24	629/642422	629/647862
	225	172	-	1b	-	19	629/642432	629/647872



Foot base is supplied with Microban® antibacterial protection. By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria,

S-aureus, Campylobacter, which can cause contamination and odour.

• = Available upon request and minimum order quantity.

* = Feet can be fixed to the floor.

- Protection cap material : stainless steel AISI 304.

- Base material : reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore).

Materials are supplied with Microban® antibacterial protection.

- The sealing of the internal structure guarantees a better hygiene.

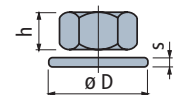
- Packaging : 24 pieces.

- On request different length.

- Fmax. = maximum applicable load in static conditions.

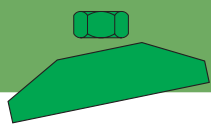
Accessories

Nut + Washer



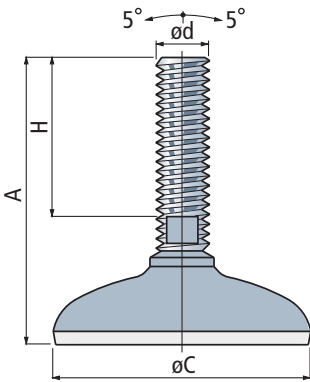
Code	Stainless steel AISI 304	h mm	s mm	ØD mm	s mm
M14	630202	11	22	28	2,5
M16	630212	13	24	30	3
M20	630222	16	30	37	3
M24	630232	19	36	44	4

Packaging : 8 pieces.



Part. 747-748-749

New Product

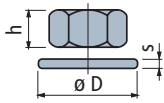


$\varnothing C$ mm	$\varnothing d$ (mm)	A (mm)	H (mm)	mm	Code	Fmax (N)
Part. 747						
	M 16	100	55	13	747/602003	25000
	M 20	182	136	13	747/602013	
	M 24	187	139	16	747/602023	
	M 24	217	167	19	747/602033	
Part. 748						
	M 16	103	55	13	748/602043	25000
	M 20	185	136	13	748/602053	
	M 24	190	139	16	748/602063	
	M 24	220	167	19	748/602073	
Part. 749						
	M 16	190	136	13	749/602093	25000
	M 20	195	139	16	749/602103	
	M 24	225	167	19	749/602113	

- Material : footplate in stainless steel AISI 304. Spindle in stainless steel AISI 303. Anti-slip in vulcanized NBR rubber (white-grey), 75 Shore.
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

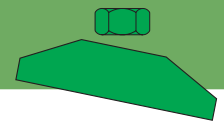
Accessories

Nut + Washer



Code	Stainless steel AISI 304	h mm	 mm	øD mm	s mm
M16	630212	13	24	30	3
M20	630222	16	30	37	3
M24	630232	19	36	44	4

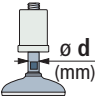

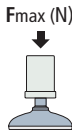



Packaging : 8 pieces.



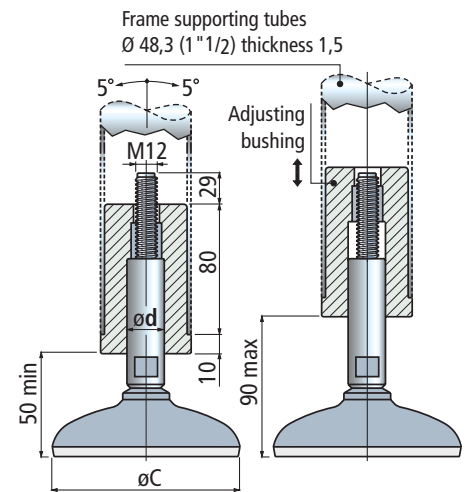
Part. 750-751-752

New Product



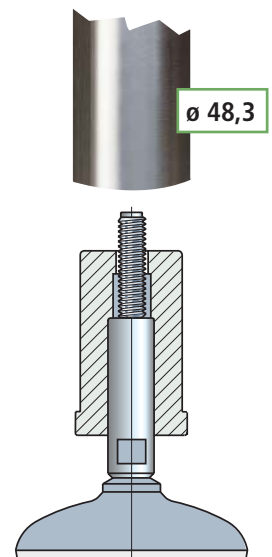
$\varnothing C$ mm	 $\varnothing d$ (mm)	 mm	Code	 F_{max} (N)
Part. 750				
 $\varnothing 80$	16	13	750/602123	12000
	20	16	750/602133	
Part. 751				
 $\varnothing 100$	16	13	751/602143	12000
	20	16	751/602153	
Part. 752				
 $\varnothing 120$	16	13	752/602163	12000
	20	16	752/602173	

- Material : footplate in stainless steel AISI 304. Spindle in stainless steel AISI 304. Anti-slip in vulcanized NBR rubber (white-grey), 75 Shore. Adjusting bushing in reinforced polyamide PAFV (white) with Microban®. Threaded bushing in nickel plated brass.
- Packaging : 8 pieces.
- On request different length.
- F_{max} . = maximum applicable load in static conditions.

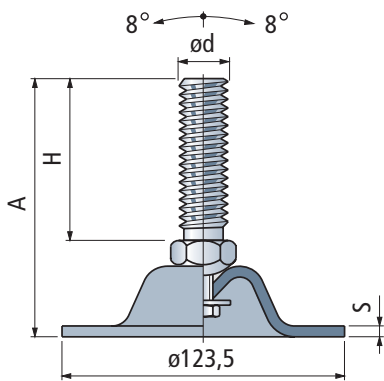


Assembly

Can be used with frame supporting tubes dia. 48,3 mm (1" 1/2), thickness 1,5 mm.



Part.351
NEW DESIGN

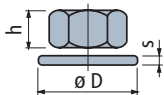


	Spindle types			S mm	mm	mm	Code	Fmax N	
	(mm)	(mm)	(mm)						
Footplate and spindle in stainless steel									
M 16	185	148	3	-	12	22	351/678721	6000	
	180	140	3	-	12	22	351/61106		
M 20	185	148	3	-	12	22	351/688091		
	215	165	3	11	-	19	351/63797		
M 30	170	120	3	11	-	27	351/66014		
	230	180	3	11	-	27	351/678741		
Footplate and spindle in zinc plated steel									
M 20	140	100	4	-	12	22	351/678661		10000
	180	140	4	-	12	22	351/63767		
	250	210	4	-	12	22	351/678671		
M 24	140	90	4	11	-	19	351/678681		
	170	120	4	11	-	19	351/678691		
	215	165	4	11	-	19	351/63777		
M 30	285	235	4	11	-	19	351/688101		
	170	120	4	11	-	27	351/63787		
	230	180	4	11	-	27	351/678711		
	305	250	4	11	-	27	351/688111		

- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Accessories

Nut + Washer



	Code		h mm	mm	mm	mm
	Stainless steel AISI 304	Zinc plated steel				
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4
M30	630242	630172	24	46	56	4

Packaging : 8 pieces.

Part. 441 - with 2 fixing holes

Footplate and spindle in zinc plated steel	
M 24	170 120 15,5 4 11 - 19 441/600531 10000

- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 349 - with 4 fixing holes

Footplate and spindle in stainless steel	
M 16	185 148 9 3 - 12 22 349/682721
M 20	180 140 9 3 - 12 22 349/68165
	185 148 9 3 - 12 22 349/688121
M 24	215 165 9 3 11 - 19 349/63747
M 30	170 120 9 3 11 - 27 349/63757
	230 180 9 3 11 - 27 349/682741

Footplate and spindle in zinc plated steel	
M 20	140 100 9 4 - 12 22 349/682681
	180 140 9 4 - 12 22 349/65634
	250 210 9 4 - 12 22 349/64045
M 24	140 90 9 4 11 - 19 349/682691
	170 120 9 4 11 - 19 349/604432
	215 165 9 4 11 - 19 349/65054
	285 235 9 4 11 - 19 349/688131
M 30	170 120 9 4 11 - 27 349/65644
	230 180 9 4 11 - 27 349/682711
	305 250 9 4 11 - 27 349/688141

- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

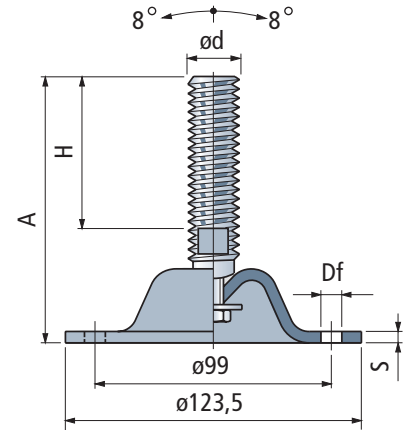
Part. 441-349

With 2 and 4 fixing holes

NEW DESIGN

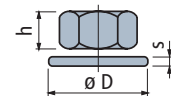


Same dimensions as Part. 351, it differs in its fixing holes.



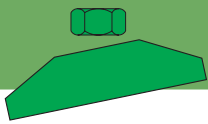
Accessories

Nut + Washer



	Code		h	øD	s
	Stainless steel AISI 304	Zinc plated steel			
M16	630212	630142	13	24	30
M20	630222	630152	16	30	37
	630232	630162	19	36	44
M30	630242	630172	24	46	56

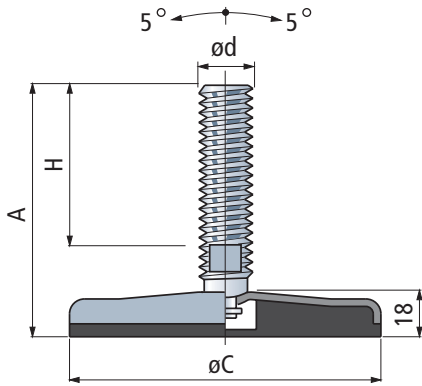
Packaging : 8 pieces.



Part. 549-546-547-548



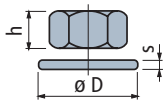
Product available until selling out.
Will be replaced with
Part. 627-747-748-749



ø C mm	Spindle type			mm	Code	Fmax N		
	ø d	A (mm)	H (mm)					
Part. 549								
ø 50	M 12	75	44	13	10	549/632372	10000	
		100	66	13	10	549/632382		
		150	119	13	10	549/632392*		
		175	144	13	10	549/632402*		
M 16	75	47	13	13	549/632412*			
	125	97	13	13	549/632422*			
	175	148	13	13	549/632432			
Part. 546								
ø 80	M 16	175	148	13	13	546/684791		10000
	M 20	175	148	13	16	546/684811		
	M 24	205	165	13	19	546/684821		
	M 30	160	115	13	27	546/684831		
220		175	13	27	546/684841			
Part. 547								
ø 100	M 16	175	148	13	13	547/684951	8000	
	M 20	175	148	13	16	547/684971		
	M 24	205	165	13	19	547/684981		
	M 30	160	115	13	27	547/684991		
220		175	13	27	547/685001			
Part. 548								
ø 125	M 16	175	148	13	13	548/685111	6000	
	M 20	175	148	13	16	548/685131		
	M 24	205	165	13	19	548/685141		
	M 30	160	115	13	27	548/685151		
220		175	13	27	548/685161			

Accessories

Nut + Washer



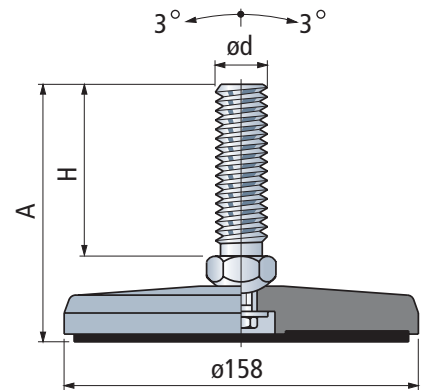
Code	Stainless steel AISI 304	h mm	øD mm	s mm
M12	630192	10	24	2,5
M16	630212	13	30	3
M20	630222	16	37	3
M24	630232	19	44	4
M30	630242	24	56	4

Packaging : 8 pieces.

- * = Available upon request and minimum order quantity.
- Material : footplate and spindle in stainless steel AISI 303. Anti-slip in NBR rubber black (80 Shore).
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part.408

NEW DESIGN

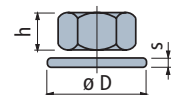



	ϕd	A (mm)	H (mm)	Spindle types		mm	Code	Fmax N
Spindle in stainless steel								
M 16	180	148	-	12	22	408/678831	50000	
M 20	175	140	-	12	22	408/678841		
	180	148	-	12	22	408/688211		
M 24	210	165	11	-	19	408/678851		
M 30	165	120	11	-	27	408/678861		
	225	180	11	-	27	408/678881		
Spindle in zinc plated steel								
	135	100	-	12	22	408/678761	50000	
M 20	175	140	-	12	22	408/678771		
	245	210	-	12	22	408/678781		
M 24	135	90	11	-	19	408/678791		
	165	120	11	-	19	408/61396		
	210	165	11	-	19	408/678801		
	280	235	11	-	19	408/688221		
M 30	165	120	11	-	27	408/678811		
	225	180	11	-	27	408/678821		
	300	250	11	-	27	408/688231		

- Material : footplate in painted steel yellow. Anti-slip in NBR rubber black (70 Shore).
- Packaging : 4 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

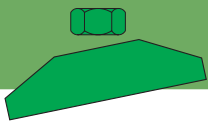
Accessories

Nut + Washer

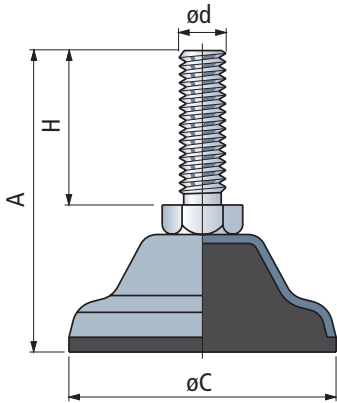


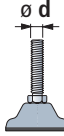





	Code		h mm	 mm	ϕD mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4
M30	630242	630172	24	46	56	4

Packaging : 8 pieces.



Part. 383-384-399-385



ø C mm		A (mm)	H (mm)		Code	Fmax N
Part. 383						
	M 8	57	30	13	383/65426	7000
Part. 384						
	M 12	90	50	19	384/65436	12000
Part. 399						
	M 16	110	60	24	399/61627	11000
Part. 385						
	M 20	130	70	30	385/65446	10000

- Material : footplate and spindle in stainless steel AISI 304. Anti-slip in Adiprene (red).
- Packaging : 16 pieces (for Part. 383). 8 pieces (for Part. 384-399). 4 pieces (for Part. 385).
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Characteristics

The Adiprene anti-slip element has acid resistant characteristics and resists loads occurring in heavy duty applications.

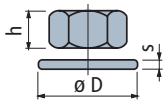
Feet to be used in humid applications, where they will be subjected to frequent cleaning with detergents, in presence of chemical products and acids and where optimum cleanliness and hygiene is required.


Application

The food-, dairy and meat industry.
Chemical and pharmaceutical industries.

Accessories

Nut + Washer



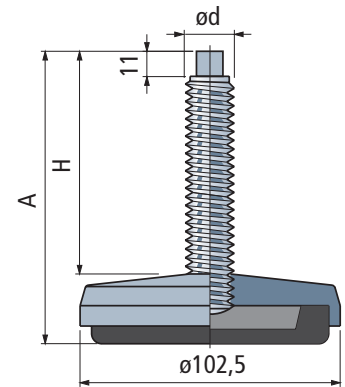
Code	Stainless steel AISI 304	h mm		øD mm	s mm
M8	654922	6,5	13	17	1,6
M12	630192	10	19	24	2,5
M16	630212	13	24	30	3
M20	630222	16	30	37	3

Packaging : 8 pieces.

Part.403

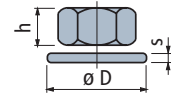
Spindle in zinc plated steel				
M 16	154	128	10	403/66604
				50000

- Material : footplate in painted steel (yellow). Anti-slip in NBR rubber black (70 Shore).
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



Accessories

Nut + Washer



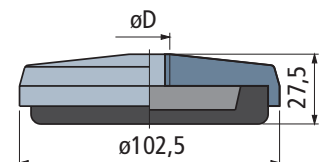
Code	Zinc plated steel	h mm	mm	øD mm	s mm
M16	630142	13	24	30	3

Packaging : 8 pieces.

Part.528

Code	
M 16	528/644351
	50000

- Material : footplate in painted steel (yellow). Anti-slip in NBR rubber black (70 Shore).
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

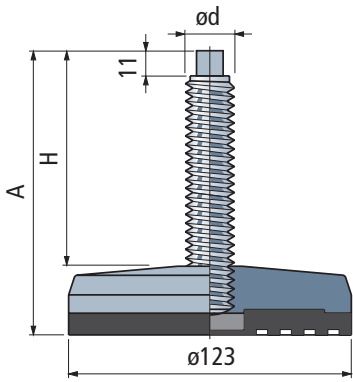


Part.406



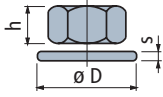
				Code	
M 16	157	127	10	406/66614	50000

- Material : footplate in painted steel (yellow). Anti-slip in NBR rubber black (80 Shore).
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



Accessories

Nut + Washer



	Code	Zinc plated steel	h mm	mm	øD mm	s mm
M16	630142	13	24	30	3	

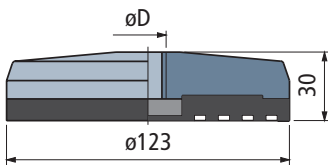
Packaging : 8 pieces.

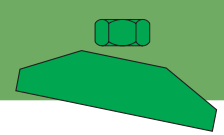
Part.529



	Code	
M 16	529/644361	50000

- Material : footplate in painted steel (yellow). Anti-slip in NBR rubber black (80 Shore).
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.





Part. 701-702-703



ø C mm		A (mm)	H (mm)		Code	Code	Weight Kg
					Feet in zinc plated steel	Feet in zinc plated steel with yellow painted base	
Part. 701							
ø 80	M 12x1,25	130	39 (min.) 51 (max.)	8	701/63033	701/63623	0,58
Part. 702							
ø 120	M 16x1,5	130	47 (min.) 60 (max.)	9	702/63043	702/63633	1,40
Part. 703							
ø 160	M 20x1,5	183	54 (min.) 69 (max.)	12	703/63053	703/63643	2,80

- Packaging : 8 pieces (for Part. 701-702), 4 pieces (for Part. 703).
- Characteristics : specially designed to absorb vibrations and shocks in both horizontal and vertical directions. Accurate height adjustment. High adhesion to the floor.
- Application : cutting-and bending machines for sheet metal. Injection molding machines for plastics. Lathes, cutting-and grinding machines. Machines for the textile and printing industry.

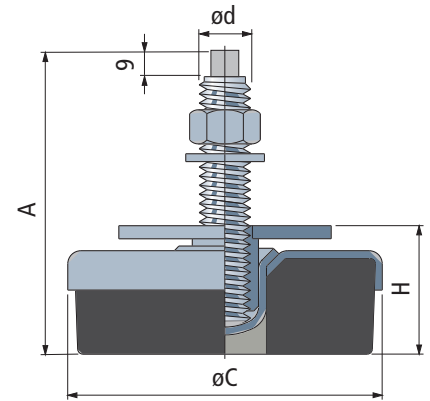
Min. rotation (rpm) or min. strokes/min	Load applied per foot (Kgf)					
	min.		max.		min.	
	Part. 701	Part. 702	Part. 703	Part. 701	Part. 702	Part. 703
100	85	360	230	940	275	1420
120	85	210	230	600	275	900
140	85	180	230	560	275	820
160	85	120	230	350	275	560
180	85	95	230	290	275	440
200			230	260	275	320
220					275	305
Zone of resonance (do not use vibration absorbing elements)						
1200	475	525	1140	1260	1710	1890
1400	400	525	1040	1260	1650	1890
1600	320	525	810	1260	1340	1890
1800	240	525	640	1260	1080	1890
2000	180	525	490	1260	800	1890
2200	140	525	440	1260	700	1890
2400	120	525	380	1260	640	1890
2600	100	525	300	1260	560	1890
2800			240	1260	420	1890
3000			200	1260	400	1890
3500				300	1890	

When to use vibration absorbing feet
In case in a machine frequent "vibrations or shocks" occur, it will be necessary to use vibration absorbing feet instead of our standard feet. Because of the natural characteristics of the rubber elements, the selection of the proper type is very important. In a certain range of vibrations or shocks a resonance will occur, in another range of vibrations the feet will not absorb any vibrations at all. It is therefore important to follow exactly our selection procedure.

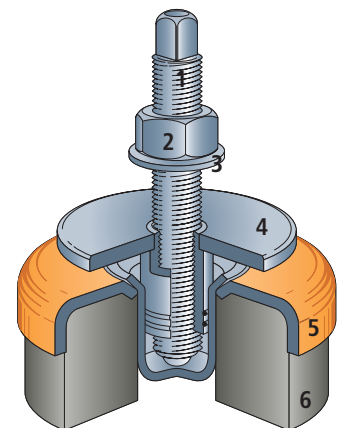
Selection procedure
1) Calculation of the load on each foot
In the following formula we have considered that the weight of the machine is divided equally over the feet:

$$\frac{\text{Weight of the machine (Kg)}}{\text{Number of feet}} = \text{Kgf}$$

 2) Selection of the type of vibration absorbing foot - Table 1
 The selection of the type of a vibration absorbing foot depends on the load on each foot and the lowest number of revolutions (or number of shocks) of the machine.



Components of the feet



- 1 - Adjustment bolt. Fine thread
- 2 - Locking nut. UNI 5588 - 65.
- 3 - Washer UNI 6592 - 69. DIN 125 A.
- 4 - Support plate. Adjustable in height.
- 5 - Reinforcement plate.
- 6 - Anti-slip in NBR rubber black (80 Shore).

Examples of selection

1) Support for a lathe

- Given data: - Weight of the lathe: 2200 Kg.
 - Minimum speed : 140 rpm.
 - Quantity of feet : 4.

Selection: the load on each foot is

$$\frac{2200}{4} = 550 \text{ Kgf}$$

According to table 1 Part. 702 should be taken.

1) Supports for a metal press

- Given data: - Weight of the press : 3900 Kg.
 - Min. number of shocks : 120 strokes/min.
 - Quantity of feet : 6.

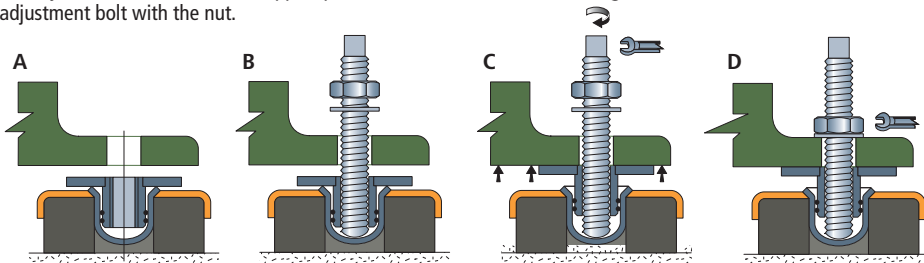
Selection: the load on each foot is

$$\frac{3900}{6} = 650 \text{ Kgf}$$

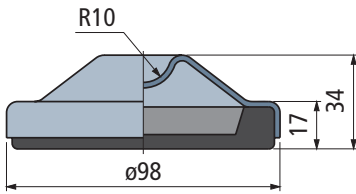
According to table 1 Part. 703 should be taken.

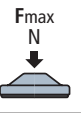
Mounting instructions

A) Lift the machine. Position the footplate. B) Mount the adjustment bolt with the nut and washer. C) By turning the adjustment bolt further, the support plate will lift until the desired height has been reached. D) Lock the adjustment bolt with the nut.



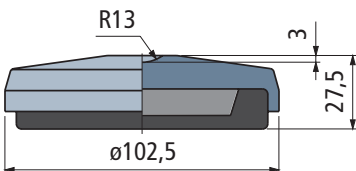
Part. 230

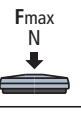


Material	Code	
Stainless steel AISI 304	230/62611	10000
Nickel plated steel	230/62621	8000

- Anti-slip material : NBR rubber black (70 Shore).
- Packaging : 8 pieces.
- Fmax. = maximum applicable load in static conditions.

Part. 404



Material	Code	
Painted steel (yellow)	404/66624	50000

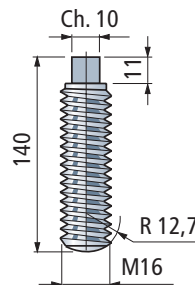
- Anti-slip material : NBR rubber black (70 Shore).
- Packaging : 8 pieces.
- Fmax. = maximum applicable load in static conditions.

Accessories

Part. 407

Spindle

- Code : 407 / 66594.
- Material : zinc plated steel.
- Packaging : 32 pieces.



Part. 55

Material	Code	F _{max} N ↓
PVC rubber black (with steel insert)	55/5151	6000

- Rubber hardness : 50 Shore.
- Packaging : 25 pieces.
- F_{max}. = maximum applicable load in static conditions

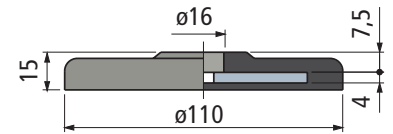
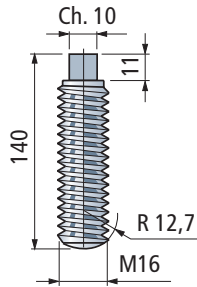


Accessories

Part. 407

Spindle

- Code : 407 / 66594.
- Material : zinc plated steel.
- Packaging : 32 pieces.



Material	Code	F _{max} N ↓
NBR rubber black with steel insert (red painted)	187/55421	20000

- Rubber hardness : 80 Shore.
- Bearing disc in nickel plated steel.
- Packaging : 8 pieces.
- F_{max}. = maximum applicable load in static conditions



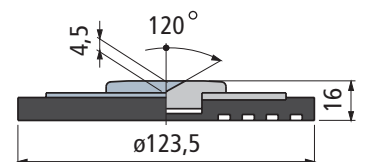
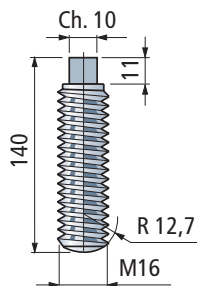
Part. 187

Accessories

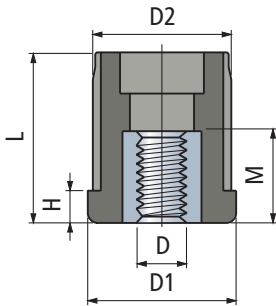
Part. 407

Spindle

- Code : 407 / 66594.
- Material : zinc plated steel.
- Packaging : 32 pieces.



Part. 180



Tube dimensions

Outside dia. mm	Thickness Poll"	Inside dia. mm	Thread D	D1 mm	D2 mm	H mm	L mm	M mm	Code	F _{max} N
26,9	3/4	1,5	M12	27	24	6	30	19	180/63128	3000
30	-	1	M10	30	28,4	6	34	19	180/61606	3000
			M12	30	28,4	6	34	19	180/63766	
33,7	1	1,5	M12	34	31	6	35	19	180/63118	3000
38	-	1,5	M10	37,5	35,5	9	44	19	180/68572	5000
			M16	37,5	35,5	9	44	24	180/63061	
42,4	1 1/4	1,5	M16	44,5	39,6	9	42	24	180/63071	8000
			M20	44,5	39,6	9	42	30	180/52691	
48,3	1 1/2	1,5	M16	48	45,5	10	52	24	180/63081	5000
			M20	48	45,5	10	52	30	180/58631	8000
			M16	48	42,6	10	52	24	180/616592	5000
		1,5	M10	50	47,5	10,5	56	19	180/682812	3000
			M12	50	47,5	10,5	56	19	180/682822	
50	-	1,5	M14	50	47,5	10,5	56	24	180/682832	5000
			M16	50	47,5	10,5	56	24	180/682842	5000
			M20	50	47,5	10,5	56	30	180/682852	8000
		2	M10	50	46,5	10,5	56	19	180/682862	3000
			M12	50	46,5	10,5	56	19	180/682872	
			M14	50	46,5	10,5	56	24	180/682882	
54	-	2	M16	54	50,8	10	62	24	180/647081	5000
			M20	54	50,8	10	62	30	180/649801	8000
60,3	2	1,5	M16	60	58	10	62	24	180/65154	5000
			M16	60	58	10	49	24	180/607241	
			M20	60	58	10	62	30	180/65164	
		2	M16	60	57	10	62	24	180/65174	5000
			M20	60	57	10	62	30	180/65184	8000
			2,5	M16	60	56	10	62	24	180/65194
M20	60	56		10	62	30	180/65204	8000		
80	-	2	M14	80	76,5	10,5	90	24	180/682912	5000
			M16	80	76,5	10,5	90	24	180/682922	
			M20	80	76,5	10,5	90	30	180/682932	
		3	M24	80	76,5	10,5	90	28	180/682942	5000
			M14	80	74,5	10,5	90	24	180/682952	
			M16	80	74,5	10,5	90	24	180/682962	
80	-	3	M20	80	74,5	10,5	90	30	180/682972	8000
			M24	80	74,5	10,5	90	28	180/682982	8000

Assembly

Pressure fitted.
Interference fit.



- Material : bushing in reinforced polyamid PA FV (black). Threaded insert in nickel plated brass.
- Packaging : 50 pieces (codes 63128 - 63118 : 60 pieces). Version dia. 80 mm : 25 pieces.
- F_{max}. = maximum applicable load in static conditions.

Tube dimensions B.S.I.

Outside dia. Inch	Thickness mm	Inside dia. mm	Thread D	D1 mm	D2 mm	H mm	L mm	M mm	Code	F _{max} N
1,5"	38,1	0,065"	3/8"-16	37,5	35,5	9	44	19	180/672211*	5000
			1/2"-13	37,5	35,5	9	44	19	180/59191*	
			5/8"-11	37,5	35,5	9	44	24	180/59211*	
2"	50,8	0,065"	3/8"-16	50	48,4	10	56	19	180/672221*	5000
			1/2"-13	50	48,4	10	56	19	180/61681*	
			5/8"-11	50	48,4	10	56	24	180/59221*	
			3/4"-10	50	48,4	10	56	30	180/59201*	
			M16	50	48,4	10	56	24	180/668191*	5000

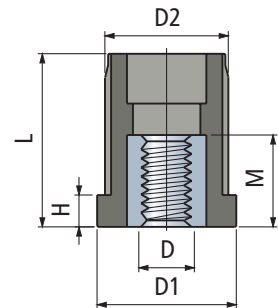
- * = Available upon request and minimum order quantity.
- Material : bushing in reinforced polyamid PA FV (black). Threaded insert in nickel plated brass.
- Packaging : 50 pieces.
- F_{max}. = maximum applicable load in static conditions.

Metric tube dimensions										F _{max} N ↓	
Outside mm	Thickness mm	Inside mm	Thread D	D1 mm	D2 mm	H mm	L mm	M mm	Code		
∅ 30	1,5	27	M10	30	27,5	6	33	19	224/68182	5000	
			M12	30	27,5	6	33	19	224/63932		
			M14	30	27,5	6	33	24	224/63942		
			M16	30	27,5	6	33	24	224/63952		
			M10	30	26,5	6	33	19	224/673492		
			M12	30	26,5	6	33	19	224/673502		
	2	26	M14	30	26,5	6	33	24	224/673512		
			M16	30	26,5	6	33	24	224/673522		
			M12	30	25,5	6	33	19	224/69695*		
			M10	35	32,5	8	43	19	224/63243		8000
			M12	35	32,5	8	43	19	224/63253		
			M14	35	32,5	8	43	24	224/63263		
M16	35	32,5	8	43	24	224/63273					
M20	35	32,5	8	43	30	224/64663					
M10	40	37,5	8	43	19	224/64323	5000				
M12	40	37,5	8	43	19	224/63882					
M14	40	37,5	8	43	24	224/63892					
M16	40	37,5	8	43	24	224/63902					
M20	40	37,5	8	43	30	224/63922		8000			
M16	40	36,5	8	43	24	224/66533		5000			
∅ 40	1,5	37	M20	40	36,5	8	43	30	224/64455	8000	
			M16	50	47,8	10	55	24	224/68607	5000	
			M20	50	47,5	10	55	30	224/68883	8000	
			3/8"-16	50	47,8	10	55	19	224/692781	5000	
			1/2"-13	50	47,8	10	55	19	224/692791		
			5/8"-11	50	47,8	10	55	24	224/692801		
	3/4"-10	50	47,8	10	55	30	224/692811				
	M16	50	47	10	55	24	224/617632	5000			
	M20	50	47	10	55	30	224/617642	8000			
	∅ 50	2	46	M14	50	45,6	10	55	24	224/695411	5000
				M16	50	45,5	10	55	24	224/63051	5000
				M20	50	45,5	10	55	30	224/63001	8000

- = Available upon request and minimum order quantity.
- Material : bushing in reinforced polyamid PA FV (black). Threaded insert in nickel plated brass.
- Packaging : 50 pieces.
- F_{max}. = maximum applicable load in static conditions.

B.S.I. tube dimensions										F _{max} N ↓
Outside Inch	Thickness mm	Inside mm	Thread D	D1 mm	D2 mm	H mm	L mm	M mm	Code	
∅ 1,5" 38,1	0,065" 1,65	34,8	3/8"-16	38	35,5	8	43	19	224/661621*	5000
			1/2"-13	38	35,5	8	43	19	224/59231*	
			5/8"-11	38	35,5	8	43	24	224/59251*	
			M16	38	35,5	8	43	24	224/62963*	
			3/8"-16	38	32,6	8	43	19	224/672231*	
			1/2"-13	38	32,6	8	43	19	224/61422*	
	5/8"-11	38	32,6	8	43	24	224/61432*			
	3/4"-10	38	32,6	8	43	30	224/661631*	8000		
	3/8"-16	50	45,6	10	55	19	224/672241*	5000		
	1/2"-13	50	45,6	10	55	19	224/61691*			
	5/8"-11	50	45,6	10	55	24	224/59261*			
	3/4"-10	50	45,6	10	55	30	224/59241*		8000	

- = Available upon request and minimum order quantity.
- Material : bushing in reinforced polyamid PA FV (black). Threaded insert in nickel plated brass.
- Packaging : 50 pieces.
- F_{max}. = maximum applicable load in static conditions.



Assembly

Pressure fitted.
Interference fit.



SQUARE FLANGE BEARING

Page B06-B15



OVAL FLANGE BEARING

Page B16-B25



PILLOW BLOCK BEARING

Page B26-B29



COMPACT PILLOW BLOCK BEARING

Page B30-B33



SIDE FLANGE BEARING

Page B34-B37



TAKE-UP BEARING

Page B38-B41



ROUND FLANGE BEARING

Page B42-B49



TECHNICAL INFORMATIONS

Technical Informations see pages B51-B61

**SQUARE
FLANGE
BEARING**

UCF/CL - HCF/CL
Lubricated for life

LUBRICATED
FOR LIFE



Dse recommended



B08

UCF/C - HCF/C
*New version for shaft dia. 45-50
(102 mm interaxis)*



B06

UCF - HCF
*New version for shaft dia. 45-50
(102 mm interaxis)*



B10

F
*New version for shaft dia. 40 mm
(102 mm interaxis)*



B14

**COMPACT
PILLOW
BLOCK**

UCPA/C - HCPA/C



B30

UCPA - HCPA



B32

**OVAL
FLANGE
BEARING**

UCFL/CL - HCFL/CL
Lubricated for life

LUBRICATED
FOR LIFE



Dry use recommended



B18

UCFL/C - HCFL/C
*New version for shaft dia. 17 mm
(90 mm interaxis)*



B16

UCFL - HCFL
*New version for shaft dia. 17 mm
(90 mm interaxis)*



B20

**SIDE
FLANGE
BEARING**

UCFB/C - HCFB/C
New version for shaft dia. 20-40



B34

UCFB - HCFB
New version for shaft dia. 20-40



B36

Microban®
antibacterial protection



**Bearings with Microban®
antibacterial protection**

Effective function

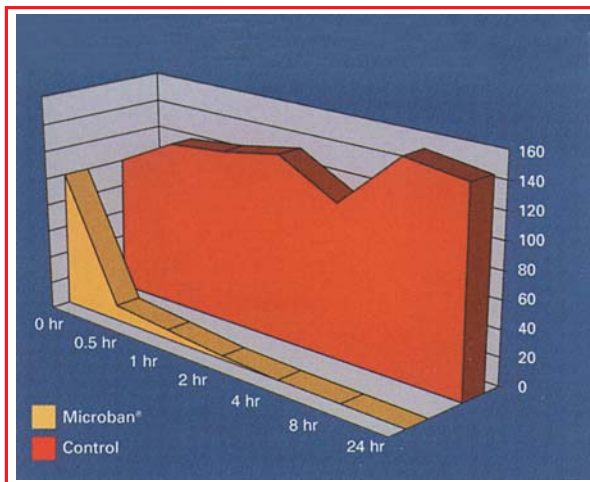
Microban® material is effective against the most common bacteria that may affect food and cause a number of contamination and bad smells in the like of Escherichia Coli 0157, Salmonella, Listeria, S-Aureus, Campylobacter. The material is not meant to substitute the common hygienic norms of cleaning routines, offering additional protection in the regular plants cleaning cycle contest.

Long lasting effectiveness

Lab test have clearly demonstrated that Microban® maintains its effective peculiarities for its entire life cycle.

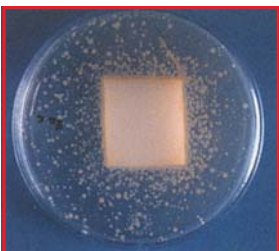
Safe functionality

Microban® has been approved for use in direct contact with edible organic foods by the Scientific Committee for Food (SCF) of the EU. In United States the Environment Protection Agency has approved its application in the transfer chains processes.

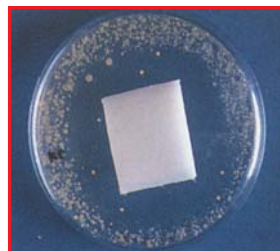


◀ Bacteria E.Coli in Microban® plastic compound compared to identical untreated plastic

With Microban®
absence of bacteria on and
▼ around the product



◀ Without Microban® protection, growth of bacteria on and around the product



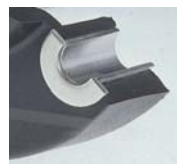
Solid flange bearings

Square and oval flange bearings are also available in the closed surface version of the flange structure, an ideal solution for maximum sanitation.

- Overall dimensions of self-aligning bearings are in accordance with ISO 3228 standards
- All self-aligning bearings are interchangeable with their correspondent cast iron versions

**ISO
3228**

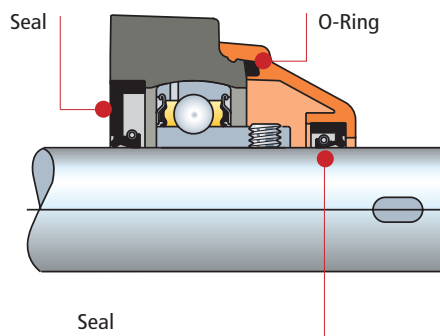
- Self-aligning bearings are equipped with stainless steel AISI 304/316 bushes to reinforce mounting holes
- The reinforcing bushings avoid damages to the plastic flange during screw tightening



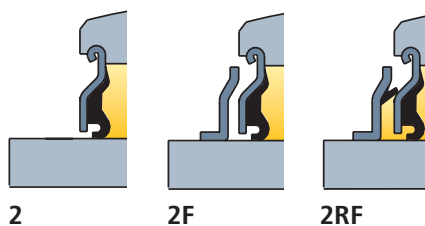
- Only best quality glass fibre reinforced polyamide PAFV/polypropylene PPFV thermoplastic resins are used for the self-aligning housings
- The resins used guarantee high resistance to oxidation and corrosion and at the same time equal the strength offered by cast iron housings. They offer a better resistance to impact
- Polyamide PAFV resins offer maximum heat and mechanical resistance
- Polypropylene PPFV resins offer maximum resistance to chemical agents



- A system of waterproof seals protects the bearing from external environment
- Protection from dust, humidity, washouts, chemical agents
- The clip-on protection cover allows inspection of the bearing



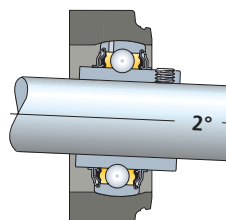
- Self-aligning bearings are equipped with ball bearings featuring multipurpose sealing systems.
- 2-Superagriseal unit. The system consists of a metallic ring fitted with a low friction rubber sealing lip
- 2F-Superagriseal unit + centrifuging ring. The system is further equipped with a metallic protection ring providing a centrifugal sealing action.
- 2RF-Superagriseal unit + rubberised centrifuging ring. This system is used in stainless steel bearings. The upper lip of the centrifuging ring together with the grease trapped between the base seal and the ring itself guarantees maximum sealing capacity.



- Waterproof self-aligning bearings feature seals for the protection against external environment
- Viton rubber seals ensure maximum resistance to chemical agents



- All bearings are self-aligning, capable of compensating misalignments up to 2°



ISO dimensions

Fixing bushes

Thermoplastic resins

Waterproof housing

Bearing seals

Support seals

Misalignment

Square flange bearing units

UCF/C-HCF/C



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)





Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft. Material nickel plated brass. Dimension : 1/8 Gas.

- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.
- **Solid flange bearings**
They differ from standard flange versions for their closed surface structure, ideal for sanitation.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

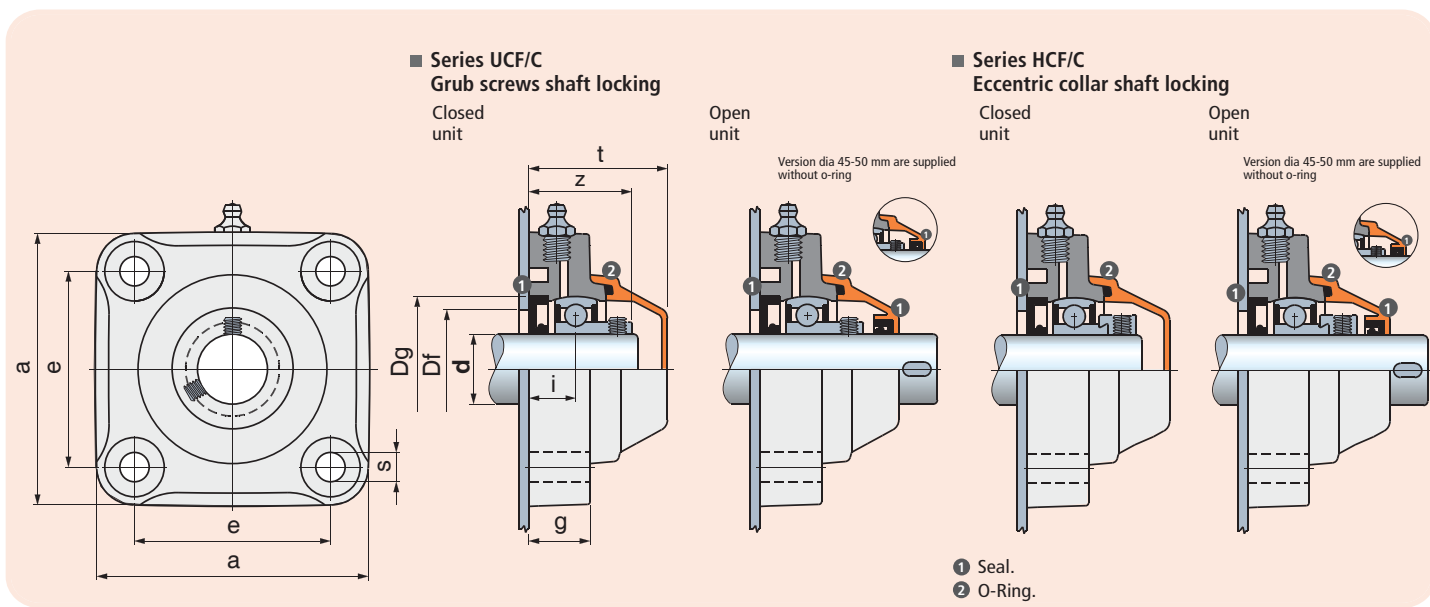


Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient		Max. axial load N				
	dyn.1) C N	stat. Co N		PA FV N	PP FV N	PA FV N	PP FV N
25	14000	7800	2800	19550	13800	20700	11500
25*	14000	7800	2800	—	—	—	—
30	19500	11200	3900	19550	13800	20700	11500
35	25500	15300	5100	20700	13800	25300	13800
35*	25500	15300	5100	19550	13800	20700	11500
40	30700	19000	6140	20700	14375	25300	13800
40*	30700	19000	6140	19550	13800	20700	11500
45*	33200	21600	6640	32000	24000	35000	26000
50*	35100	23200	7020	32000	24000	35000	26000

* = Version with special fixing holes

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0,77 values must be considered in all other cases.



		Housing material													Spare parts			
		Polyamide PA FV Standard Flange (black) Cover (orange)	Polyamide PA FV with Microban® Solid Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Solid Flange (white) Cover (red)											Cover orange	Cover red with Microban®		
dia. d mm	Series	Code			Dimension in mm										Weight Kg	Code		
					e	a	s	g	i	z	t	Dg	Bore in frame ²⁾ Df max. min. Bearing					
Grub screws shaft locking • Closed unit																		
25	UCF 205 C	64573	651172	680932	70	98	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,40	681952	681992
25*	SUCF 205 C	603043	—	—	83	110	11	26	19,3	38,8	54	52	50	45	YAT 205	0,50	681952	—
30	UCF 206 C	63112	651182	680942	83	110	11	26	20	41	55	62	60	50	YAT 206	0,56	63154	653322
35	UCF 207 C	64018	651192	680952	92	120	11	26	19,5	43	59	72	70	55	YAT 207	0,72	682022	682042
35*	SUCF 207 C	680522³⁾	668982	680962	83	110	11	26	19,5	43	61	72	70	55	YAT 207	0,67	63539	653342
40	UCF 208 C	68916	651202	680972	102	131	11	30	22	47,3	65,5	80	78	65	YAT 208	0,95	63539	653342
40*	SUCF 208 C	61819	651212	680982	83	110	11	26	19	44,3	66	80	78	65	YAT 208	0,88	600882	653352
45*	SUCF 209 C	686592³⁾	686672	686752	102	131	11	30	23	48,8	73	85	83	75	YAT 209	1,10	686972	686982
50*	SUCF 210 C	686602³⁾	686682	686762	102	131	11	30	23	52	73	90	88	80	YAT 210	1,20	686972	686982
Grub screws shaft locking • Open unit																		
25	UCF 205 C	64623	651272	680992	70	98	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,40	681972	682012
25*	SUCF 205 C	603053	—	—	83	110	11	26	19,3	38,8	54	52	50	45	YAT 205	0,50	681972	—
30	UCF 206 C	63172	651282	681002	83	110	11	26	20	41	55	62	60	50	YAT 206	0,56	69965	653442
35	UCF 207 C	64028	651292	681012	92	120	11	26	19,5	43	59	72	70	55	YAT 207	0,72	682032	682052
35*	SUCF 207 C	680582³⁾	668992	681022	83	110	11	26	19,5	43	61	72	70	55	YAT 207	0,67	615692	669202
40	UCF 208 C	68926	651302	681032	102	131	11	30	22	47,3	65,5	80	78	65	YAT 208	0,95	63549	653462
40*	SUCF 208 C	61829	651312	681042	83	110	11	26	19	44,3	66	80	78	65	YAT 208	0,88	600892	653472
45*	SUCF 209 C	686612³⁾	686692	686772	102	131	11	30	23	48,8	73	85	83	75	YAT 209	1,10	686992	687012
50*	SUCF 210 C	686622³⁾	686702	686782	102	131	11	30	23	52	73	90	88	80	YAT 210	1,20	687002	687022
Eccentric collar shaft locking • Closed unit																		
25	HCF 205 C	680452	680712	681052	70	98	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,44	681952	681992
25*	SHCF 205 C	603063	—	—	83	110	11	26	19,3	42,8	54	52	50	45	YET 205	0,57	681952	—
30	HCF 206 C	621501	651372	681062	83	110	11	26	20	46,7	55	62	60	50	YET 206	0,63	63154	653322
35	HCF 207 C	680462	680722	681072	92	120	11	26	19,5	48,9	59	72	70	55	YET 207	0,90	682022	682042
35*	SHCF 207 C	6806423)	669022	681082	83	110	11	26	19,5	48,9	61	72	70	55	YET 207	0,85	63539	653342
40*	SHCF 208 C	62439	651382	681092	83	110	11	26	19	51,7	66	80	78	65	YET 208	1,07	600882	653352
45*	SHCF 209 C	6866323)	686712	686792	102	131	11	30	23	56	73	85	83	75	YET 209	1,29	686972	686982
50*	SHCF 210 C	686642	686722	686802	102	131	11	30	23	56	73	90	88	80	YET 210	1,39	686972	686982
Eccentric collar shaft locking • Open unit																		
25	HCF 205 C	680472	680732	681102	70	98	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,44	681972	682012
25*	SHCF 205 C	603073	—	—	83	110	11	26	19,3	42,8	54	52	50	45	YET 205	0,57	681972	—
30	HCF 206 C	621481	651412	681112	83	110	11	26	20	46,7	55	62	60	50	YET 206	0,63	69965	653442
35	HCF 207 C	680482	680742	681122	92	120	11	26	19,5	48,9	59	72	70	55	YET 207	0,90	682032	682052
35*	SHCF 207 C	6806923)	669032	681132	83	110	11	26	19,5	48,9	61	72	70	55	YET 207	0,85	615692	669202
40*	SHCF 208 C	62449	651422	681142	83	110	11	26	19	51,7	66	80	78	65	YET 208	1,07	600892	653472
45*	SHCF 209 C	6866523)	686732	686812	102	131	11	30	23	56	73	85	83	75	YET 209	1,29	686992	687012
50*	SHCF 210 C	6866623)	686742	686822	102	131	11	30	23	56	73	90	88	80	YET 210	1,39	687002	687022

* = Version with special fixing holes

2) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

3) = Solid flange

Packaging : 6 pieces.

INDICATIVE GUIDE LINES

FOR PRODUCT AVAILABILITIES:

■ On stock

■ Please, contact our customer service for delivery times

■ On request for appropriate suitable quantities

Square flange bearing units

UCF/CL-HCF/CL

LIFE
LUBRICATED



Dry use recommended



- **Life lubricated.** The ball-bearings are pre-lubricated with a special grease keeping the bearing for its whole life. No need for re-lubrication (see page B58 to calculate the grease life)
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing.** High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing.** Proof to highly aggressive chemical agents. Inferior loading ability.
- **Solid flange bearings.** They differ from standard flange versions for their closed surface structure, ideal for sanitation.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient		Max. 1) axial load N				
	dyn. ¹⁾ C N	stat. Co N		PA FV N	PP FV N	PA FV N	PA FV N
25	14000	7800	2800	19550	13800	20700	11500
25*	14000	7800	2800	—	—	—	—
30	19500	11200	3900	19550	13800	20700	11500
35	25500	15300	5100	20700	13800	25300	13800
35*	25500	15300	5100	19550	13800	20700	11500
40	30700	19000	6140	20700	14375	25300	13800
40*	30700	19000	6140	19550	13800	20700	11500
45*	33200	21600	6640	32000	24000	35000	26000
50*	35100	23200	7020	32000	24000	35000	26000

* = Version with special fixing holes.

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Continuous operating temperature

in air : - 20 to + 60°C.

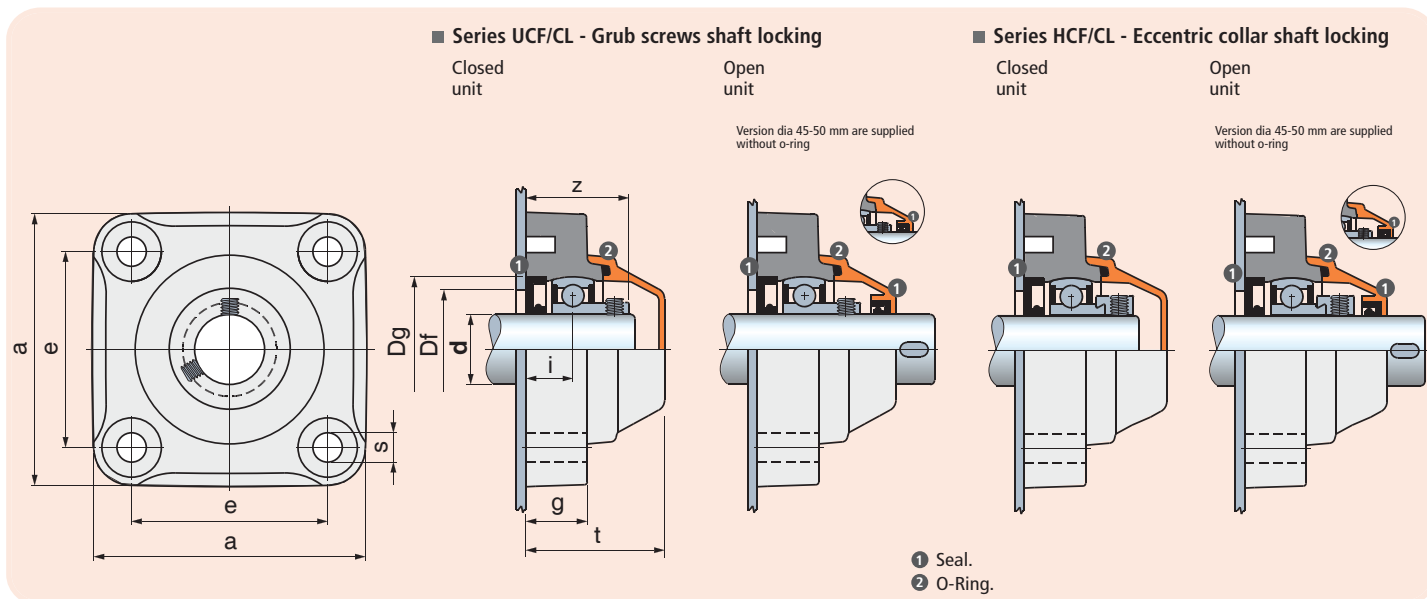
Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Supergriseal unit • Pre-lubricated with lithium/ calcium grease.

UCF/CL-HCF/CL



dia. d mm	Series	Housing material			Dimensions in mm										Bore in frame Df max. min	Weight Kg	Spare parts	
		Polyamide PA FV Standard Flange (black) Cover (orange)	Polyamide PA FV with Microban® Solid Flange Cover (red)	Polypropylene PP FV with Microban® Solid Flange Cover (red)													Coperchio arancio	Coperchio rosso
		Code	Code	Code	e	a	s	g		i	z	t	Dg	Bearing			Code	Microban® Code
Grub screws shaft locking • Closed unit																		
25	UCF 205 CL	64573L	651172L	680932L	70	98	11	22,5	16,8	36,3	49,5	52	50	45	YAT205	0,40	681952	681992
25*	SUCF 205 CL	603043L	—	—	83	110	11	26	19,3	38,8	54	52	50	45	YAT205	0,50	681952	—
30	UCF 206 CL	63112L	651182L	680942L	83	110	11	26	20	41	55	62	60	50	YAT206	0,56	63154	653322
35	UCF 207 CL	64018L	651192L	680952L	92	120	11	26	19,5	43	59	72	70	55	YAT207	0,72	682022	682042
35*	SUCF 207 CL	—	668982L	680962L	83	110	11	26	19,5	43	61	72	70	55	YAT207	0,67	—	653342
40	UCF 208 CL	68916L	651202L	680972L	102	131	11	30	22	47,3	65,5	80	78	65	YAT208	0,95	63539	653342
40*	SUCF 208 CL	61819L	651212L	680982L	83	110	11	26	19	44,3	66	80	78	65	YAT208	0,88	600882	653352
45*	SUCF 209 CL	—	686672L	686752L	102	131	11	30	23	48,8	73	85	83	75	YAT209	1,10	—	686982
50*	SUCF 210 CL	—	686682L	686762L	102	131	11	30	23	52	73	90	88	80	YAT210	1,20	—	686982
Grub screws shaft locking • Open unit																		
25	UCF 205 CL	64623L	651272L	680992L	70	98	11	22,5	16,8	36,3	49,5	52	50	45	YAT205	0,40	681972	682012
25*	SUCF 205 CL	603053L	—	—	83	110	11	26	19,3	38,8	54	52	50	45	YAT205	0,50	681972	—
30	UCF 206 CL	63172L	651282L	681002L	83	110	11	26	20	41	55	62	60	50	YAT206	0,56	69965	653442
35	UCF 207 CL	64028L	651292L	681012L	92	120	11	26	19,5	43	59	72	70	55	YAT207	0,72	682032	682052
35*	SUCF 207 CL	—	668992L	681022L	83	110	11	26	19,5	43	61	72	70	55	YAT207	0,67	—	669202
40	UCF 208 CL	68926L	651302L	681032L	102	131	11	30	22	47,3	65,5	80	78	65	YAT208	0,95	63549	653462
40*	SUCF 208 CL	61829L	651312L	681042L	83	110	11	26	19	44,3	66	80	78	65	YAT208	0,88	600892	653472
45*	SUCF 209 CL	—	686692L	686772L	102	131	11	30	23	48,8	73	85	83	75	YAT209	1,10	—	687012
50*	SUCF 210 CL	—	686702L	686782L	102	131	11	30	23	52	73	90	88	80	YAT210	1,20	—	687022
Eccentric collar shaft locking • Closed unit																		
25	HCF 205 CL	680452L	680712L	681052L	70	98	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,44	681952	681992
25*	SHCF 205 CL	603063L	—	—	83	110	11	26	19,3	42,8	54	52	50	45	YET 205	0,57	681952	—
30	HCF 206 CL	621501L	651372L	681062L	83	110	11	26	20	46,7	55	62	60	50	YET206	0,63	63154	653322
35	HCF 207 CL	680462L	680722L	681072L	92	120	11	26	19,5	48,9	59	72	70	55	YET207	0,90	682022	682042
35*	SHCF 207 CL	—	669022L	681082L	83	110	11	26	19,5	48,9	61	72	70	55	YET207	0,85	—	653342
40*	SHCF 208 CL	62439L	651382L	681092L	83	110	11	26	19	51,7	66	80	78	65	YET 208	1,07	600882	653352
45*	SHCF 209 CL	—	686712L	686792L	102	131	11	30	23	56	73	85	83	75	YET 209	1,29	—	686982
50*	SHCF 210 CL	—	686722L	686802L	102	131	11	30	23	56	73	90	88	80	YET 210	1,39	—	686982
Eccentric collar shaft locking • Open unit																		
25	HCF 205 CL	680472L	680732L	681102L	70	98	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,44	681972	682012
25*	SHCF 205 CL	603073L	—	—	83	110	11	26	19,3	42,8	54	52	50	45	YET 205	0,57	681972	—
30	HCF 206 CL	621481L	651412L	681112L	83	110	11	26	20	46,7	55	62	60	50	YET206	0,63	69965	653442
35	HCF 207 CL	680482L	680742L	681122L	92	120	11	26	19,5	48,9	59	72	70	55	YET207	0,90	682032	682052
35*	SHCF 207 CL	—	669032L	681132L	83	110	11	26	19,5	48,9	61	72	70	55	YET207	0,85	—	669202
40*	SHCF 208 CL	62449L	651422L	681142L	83	110	11	26	19	51,7	66	80	78	65	YET 208	1,07	600892	653472
45*	SHCF 209 CL	—	686732L	686812L	102	131	11	30	23	56	73	85	83	75	YET 209	1,29	—	687012
50*	SHCF 210 CL	—	686742L	686822L	102	131	11	30	23	56	73	90	88	80	YET 210	1,39	—	687022

*= Version with special fixing holes
Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

■ On stock

■ Please, contact our customer service for delivery times

■ On request for appropriate suitable quantities

Square flange bearing units

UCF-HCF



Accessories



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Bearing in stainless steel AISI 420 • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Bearing in stainless steel AISI 420 • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Series YET (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit)
• Prelubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)



Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft. Material nickel plated brass. Dimension : 1/8 Gas.

Fijación eje con pasador o collarin excéntrico

Versión con rodamiento YAR 2F

El rodamiento con reten de 2 pantallas garantiza una mayor estanqueidad contra el polvo y los agentes no corrosivos.

Versión con rodamiento inoxidable YAR 2RF

El rodamiento de acero inoxidable AISI 420 con reten de 2 pantallas engomadas, garantiza la estanqueidad contra humedad, vapores, líquidos, agentes químicos de media agresividad. Capacidad de carga inferior.

Versión con rodamiento YAT

La guarnición de 1 pantalla garantiza la estanqueidad contra el polvo.

Soportes con protección antibacteriana Microban®

Microban® es eficaz contra las bacterias que pueden crecer en los alimentos como E.coli, Salmonela, Listeria, S-aureus, Campilobacterias.

Materiales

La poliamida PAFV garantiza la máxima resistencia mecánica y térmica. El polipropileno PP FV garantiza elevada resistencia a los agentes químicos, pero menor capacidad de carga.



Loads

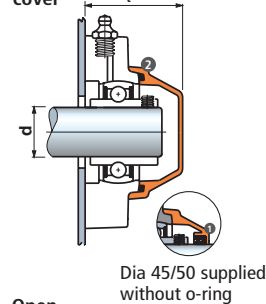
Shaft dia. d mm	Bearing load YAR 2F - YAT - YET			Bearing load YAR 2RF			Bearing unit max. static load	
	Load coefficient dyn. ¹⁾ C N	stat. Co N	Max. 1) axial load N	Load coefficient dyn. ¹⁾ C N	stat. Co N	Max. 1) axial load N	PA FV N	PA FV N
25	14000	7800	2800	11900	7800	2380	19550	20700
25*	14000	7800	2800	—	—	—	—	—
30	19500	11200	3900	16250	11200	3250	19550	20700
35	25500	15300	5100	21600	15300	4320	20700	25300
35*	25500	15300	5100	21600	15300	4320	19550	20700
40	30700	19000	6140	26000	19000	5200	20700	25300
40*	30700	19000	6140	26000	19000	5200	19550	20700
45	33200	21600	6640	29000	21600	5200	30000	35000
50	35100	23200	7020	—	—	—	32000	35000

* = Version with special fixing holes.

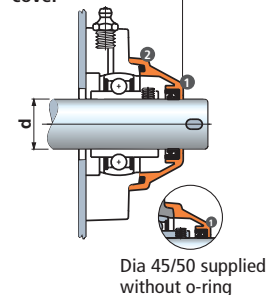
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values are considered in all other cases.

Protection covers (accessory)

Closed cover



Open cover

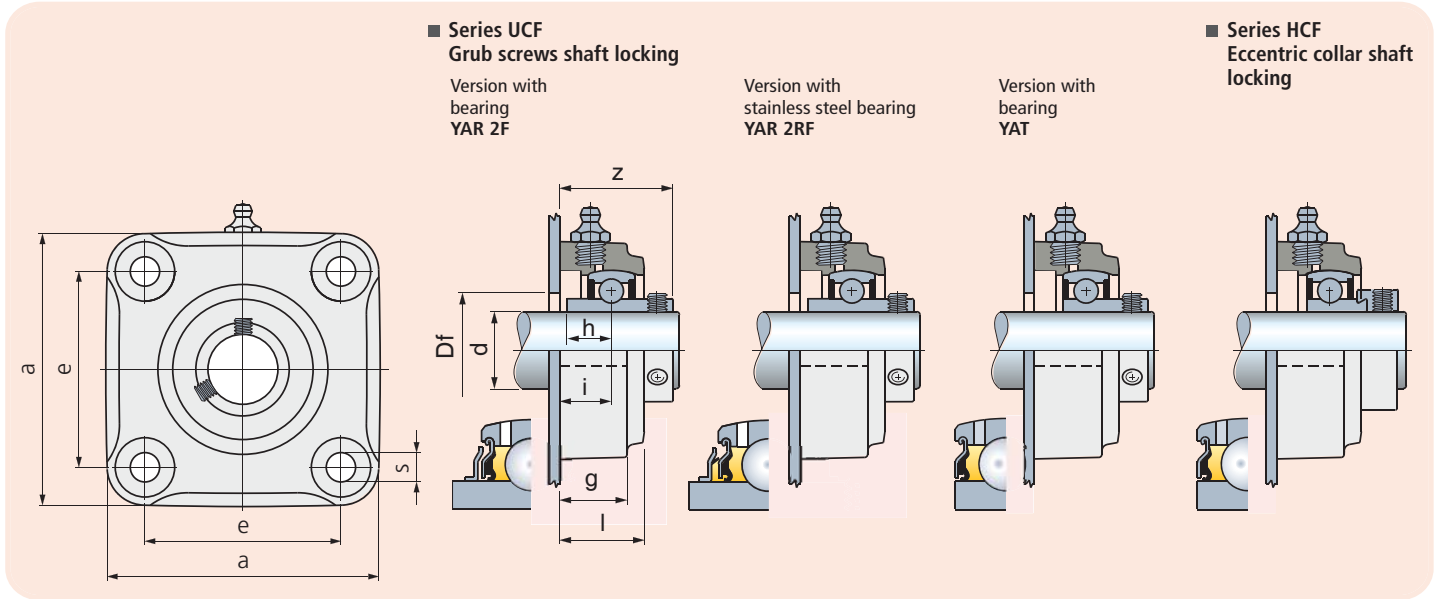


- 1 Seal
- 2 Seal O-Ring

Accessories

dia. d mm	Cover		t mm
	orange	red Microban®	
Code			
Closed cover supplied with seals			
25	681952	681992	49,5
25*	681952	—	54
30	63154	653322	55
35	682022	682042	59
35*	63154	653342	61
40	63539	653342	65,5
40*	600882	653352	66
45*	686972	686982	73
50*	686972	686982	73
Open cover supplied with seals			
25	681972	682012	49,5
25*	681972	—	54
30	69965	653442	55
35	682032	682052	59
35*	615692	669202	61
40	63549	653462	65,5
40*	600892	653472	66
45*	686992	687012	73
50*	687002	687022	73

* = Version with special fixing holes



dia. d mm	Series	Housing material			Dimensions in mm									Bore in frame Df mm	Bearing	Weight Kg
		Polyamide PA FV Standard Flange (black)	Polyamide PA FV with Microban® Solid Flange (grey)	Polypropylene PP FV with Microban® Solid Flange (white)	e	a	s	g	i	h	l	z				
Grub screws shaft locking • Version with bearing YAR 2F																
25	UCF 205	64533	—	—	70	98	11	22,5	16,8	14,3	27,5	36,6	29	YAR 205 2F	0,44	
25*	SUCF 205	603163	—	—	83	110	11	26	19,3	14,3	31,5	39,1	29	YAR 205 2F	0,51	
30	UCF 206	60722	—	—	83	110	11	26	20	15,9	31,5	42,2	34	YAR 206 2F	0,57	
35	UCF 207	64058	—	—	92	120	11	26	19,5	17,5	32	45	39	YAR 207 2F	0,72	
35*	SUCF 207	68465	—	—	83	110	11	26	15,5	17,5	31,5	40,9	50	YAR 207 2F	0,65	
40	UCF 208	68956	—	—	102	131	11	30	22	19	36	52,2	44	YAR 208 2F	0,95	
40*	SUCF 208	61719	—	—	83	110	11	26	19	19	36	52,2	55	YAR 208 2F	0,88	
45*	SUCF 209	689232	—	—	102	131	11	30	23	19	38	53,2	49	YAR 209 2F	0,95	
50*	SUCF 210	689242	—	—	102	131	11	30	23	19	38	55,6	54	YAR 210 2F	0,88	
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																
25	UCF 205	646592	681582	681642	70	98	11	22,5	16,8	14,3	27,5	36,6	29	YAR 205 2RF	0,44	
30	UCF 206	646602	681592	681652	83	110	11	26	20	15,9	31,5	42,2	34	YAR 206 2RF	0,57	
35	UCF 207	646612	681602	681662	92	120	11	26	19,5	17,5	32	45	39	YAR 207 2RF	0,72	
35*	SUCF 207	646622	681612	681672	83	110	11	26	15,5*	17,5	31,5	40,9	50	YAR 207 2RF	0,65	
40	UCF 208	646632	681622	681682	102	131	11	30	22	19	36	52,2	44	YAR 208 2RF	0,95	
40*	SUCF 208	646642	681632	681692	83	110	11	26	19	19	36	52,2	55	YAR 208 2RF	0,88	
Grub screws shaft locking • Version with bearing YAT																
25	UCF 205	656752	666612	681282	70	98	11	22,5	16,8	—	27,5	36,3	29	YAT 205	0,39	
25*	SUCF 205	603143	—	—	83	110	11	26	19,3	—	31,5	38,8	29	YAT 205	0,48	
30	UCF 206	666442	666622	681292	83	110	11	26	20	—	31,5	41	34	YAT 206	0,54	
35	UCF 207	666452	666632	681302	92	120	11	26	19,5	—	32	42,8	39	YAT 207	0,69	
35*	SUCF 207	682062	681212	681312	83	110	11	26	15,5*	—	31,5	38,8	39	YAT 207	0,62	
40	UCF 208	666462	666642	681322	102	131	11	30	22	—	36	47,3	44	YAT 208	0,92	
40*	SUCF 208	681552	681222	681332	83	110	11	26	19	—	36	48	44	YAT 208	0,85	
45*	SUCF 209	686852	686872	686892	102	131	11	30	23	—	38	48,8	49	YAT 209	0,87	
50*	SUCF 210	686862	686882	686902	102	131	11	30	23	—	38	50,6	54	YAT 210	1,04	
Eccentric collar shaft locking																
25	HCF 205	681562	681412	681502	70	98	11	22,5	16,8	—	27,5	40,3	29	YET 205	0,43	
25*	SHCF 205	603153	—	—	83	110	11	26	19,3	—	31,5	42,8	29	YET 205	0,55	
30	HCF 206	62329	681422	681512	83	110	11	26	20	—	31,5	46,7	34	YET 206	0,61	
35	HCF 207	681572	681432	681522	92	120	11	26	19,5	—	32	48,9	39	YET 207	0,87	
35*	SHCF 207	681392 ¹⁾	681442	681532	83	110	11	26	19,5	—	31,5	48,4	39	YET 207	0,82	
40*	SHCF 208	62349	681452	681542	83	110	11	26	19	—	36	51,7	44	YET 208	1,04	
45*	SHCF 209	686912	686932	686952	102	131	11	30	23	—	38	56	49	YET 209	0,87	
50*	SHCF 210	686922	686942	686962	102	131	11	30	23	—	38	56	54	YET 210	1,04	

* = Version with special fixing holes

1) Solid flange.

• = Solid flange 19,5

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

■ On stock

■ Please, contact our customer
service for delivery times

■ On request for appropriate
suitable quantities

Square flange bearing units

UCFS/C - HCFS/C



PATENT PENDING

- Austenitic stainless steel surface
- Waterproof housing
- Grub screws or eccentric collar shaft locking
- Solid flange

Patent pending design with perfect seal: rubber makes one-body with steel and engineering plastic bearing seat.

Material

Housing in reinforced polyamide PAFV resin (black) • Austenitic Stainless steel surface • Sealing in NBR rubber (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated



Quick coupler for remote lubrication (accessory)



Code : 67843.

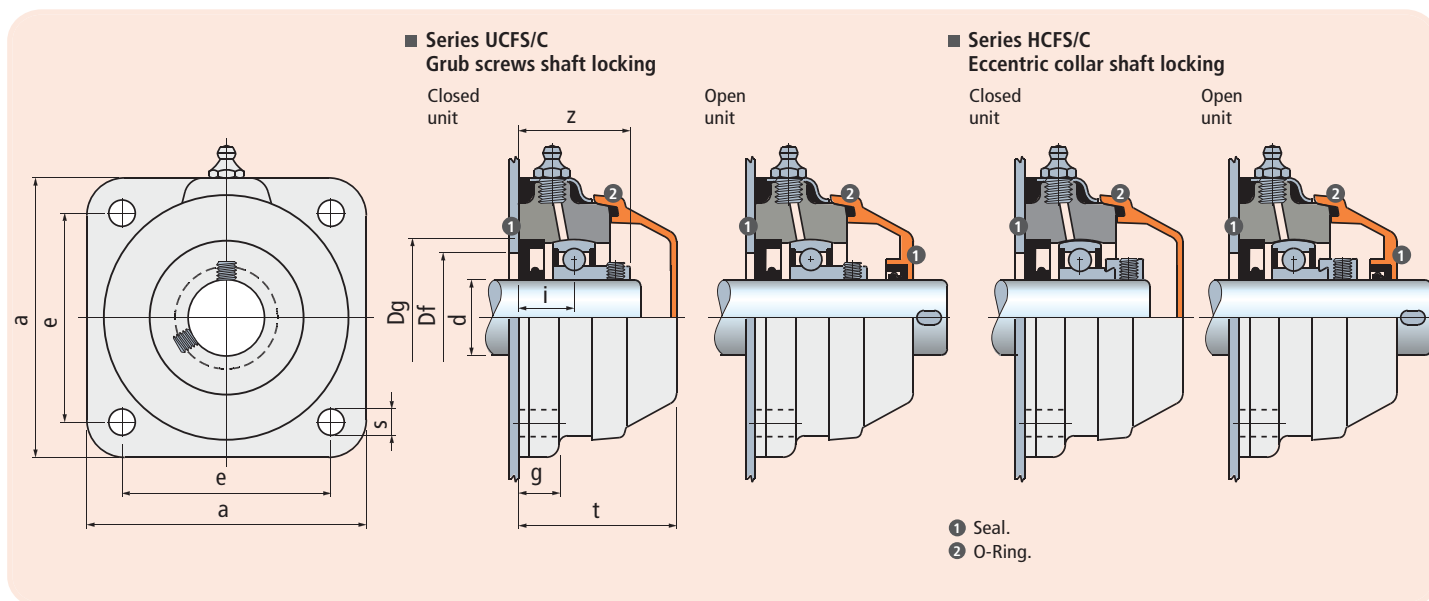
The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load	
	Load coefficient dyn. ¹⁾ C N	stat. Co N	Max. axial load N	 PA FV N	 PA FV N
30	19500	11200	3900	20700	25300
35*	25500	15300	5100	20700	25300
40*	30700	19000	6140	20700	25300

* = Version with special fixing holes

1) = Values are valid for applications with $\leq h 6$ shaft tolerance. Time 0.77 values must be considered in all other cases.



dia. d mm	Series	Code	Dimensions in mm							Bore in frame ¹⁾ Df		Weight Kg	Spare parts Cover orange Code		
			e	a	s	g	i	z	t	Dg	max.			min.	Bearing
Housing material															
Polyamide PA FV with stainless steel surface Solid Flange Cover (orange)															
Grub screws shaft locking • Closed unit															
30	UCFS 206 C	615622	83	111	10,5	15,9	22	43	65,8	62	60	50	YAT 206	0,73	63539
35*	SUCFS 207 C	615632	83	111	10,5	15,9	22	45,3	65,8	72	70	55	YAT 207	0,84	63539
40*	SUCFS 208 C	615642	83	111	10,5	15,9	22	47,3	65,8	80	78	65	YAT 208	0,94	63539
Grub screws shaft locking • Open unit															
30	UCFS 206 C	615652	83	111	10,5	15,9	22	43	65,8	62	60	50	YAT 206	0,73	615682
35*	SUCFS 207 C	615662	83	111	10,5	15,9	22	45,3	65,8	72	70	55	YAT 207	0,84	615692
40*	SUCFS 208 C	615672	83	111	10,5	15,9	22	47,3	65,8	80	78	65	YAT 208	0,94	63549
Eccentric collar shaft locking • Closed unit															
30	HCFS 206 C	670402	83	111	10,5	15,9	22	49	65,8	62	60	50	YET 206	0,80	63539
35*	SHCFS 207 C	670412	83	111	10,5	15,9	22	51,4	65,8	72	70	55	YET 207	0,90	63539
40*	SHCFS 208 C	670422	83	111	10,5	15,9	22	55	65,8	80	78	65	YET 208	1,00	63539
Eccentric collar shaft locking • Open unit															
30	HCFS 206 C	670432	83	111	10,5	15,9	22	49	65,8	62	60	50	YET 206	0,80	615682
35*	SHCFS 207 C	670442	83	111	10,5	15,9	22	51,4	65,8	72	70	55	YET 207	0,90	615692
40*	SHCFS 208 C	670452	83	111	10,5	15,9	22	55	65,8	80	78	65	YET 208	1,00	63549

* = Version with special fixing holes

1) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

■ On stock

■ Please, contact our customer
service for delivery times

Square flange bearing units

F



- **Waterproof housing**
- **Shaft shoulders locking**
High axial load capacity.
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents.
Inferior loading ability.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304 .

PPFV polypropylene housing

Housing in reinforced polypropylene PPFV resin (black) • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°

Bearing

Series 1200 self aligning ball bearing • Chrome alloy steel • Supplied without grease • To be prelubricated with lithium / calcium grease during first installation




Quick coupler for remote lubrication (accessory)



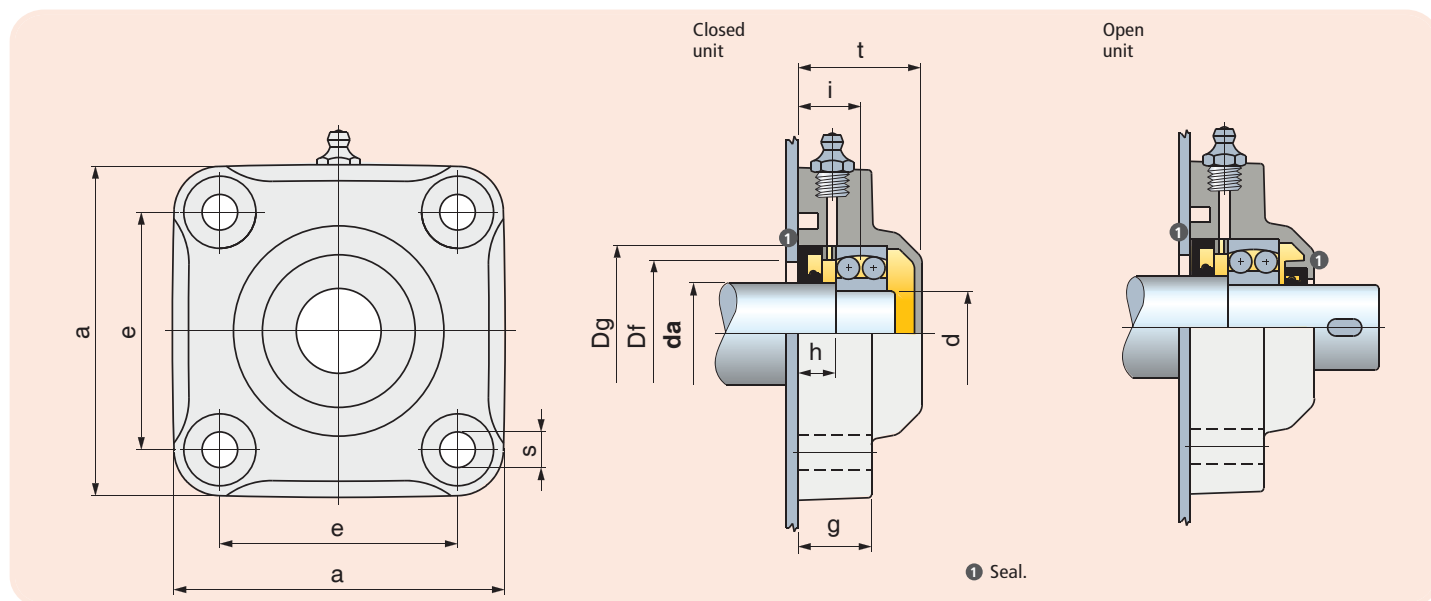
Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Loads

Shaft dia. d mm	Bearing dia. d mm	Bearing load		Bearing unit max. static load							
		Load coefficient dyn. C N	Load coefficient stat. Co N								
				PA N	FV N	PP N	FV N	PA N	FV N	PP N	FV N
30	25	14300	4000	21850	16100	17250	13800	8050	5750		
35	30	15600	4650	21850	16100	17250	13800	18400	10350		
40	35	19000	6000	21850	17250	17250	13800	19550	13800		
40*	35*	19000	6000	21850	16100	17250	13800	18400	10350		
45	40	19900	6950	23000	17250	18400	14350	19550	13800		
45*	40*	19900	6950	21850	16100	17250	13800	18400	10350		

*= Version with special fixing holes.



Shaft dia. d mm	Bearing dia. d mm	Series	Housing material		Dimensions in mm										Bore in frame ¹⁾ Df		Weight Kg
			Polyamide PA FV Standard Flange (black)	Polypropylene PP FV ¹⁾ Standard Flange (black)	e	a	s	g	i	h	t	Dg	max.	min.	Bearing		
Closed unit																	
30	25	F 1205	64433	<i>681702</i>	70	98	11	22,5	18,5	11	36,5	52	50	47	1205	0,36	
35	30	F 1206	65811	<i>681712</i>	83	110	11	26	19	11	40	62	60	52	1206	0,53	
40	35	F 1207	63978	<i>681722</i>	92	120	11	26	19,5	11	39,5	72	70	60	1207	0,62	
40*	35*	SF1207	699782	<i>699802</i>	83	110	11	26	19	10	39	72	70	60	1207	0,60	
45	40	F 1208	68876	<i>681732</i>	102	131	11	30	24,5	15,5	45	80	78	65	1208	0,85	
45*	40*	SF 1208	69988	<i>681742</i>	83	110	11	26	19	10	39	80	78	65	1208	0,78	
Open unit																	
30	25	F 1205	64483	<i>681752</i>	70	98	11	22,5	18,5	11	36,5	52	50	47	1205	0,36	
35	30	F 1206	65901	<i>681762</i>	83	110	11	26	19	11	40	62	60	52	1206	0,53	
40	35	F 1207	63988	<i>681772</i>	92	120	11	26	19,5	11	39,5	72	70	60	1207	0,62	
40*	35*	SF1207	699792	<i>699812</i>	83	110	11	26	19	10	39	72	70	60	1207	0,60	
45	40	F 1208	68886	<i>681782</i>	102	131	11	30	24,5	15,5	45	80	78	65	1208	0,85	
45*	40*	SF 1208	69998	<i>681792</i>	83	110	11	26	19	10	39	80	78	65	1208	0,78	

*= Version with special fixing holes

1) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer service for delivery times

Oval flange bearing units

UCFL/C-HCFL/C



- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.
- **Solid flange bearings**
They differ from standard flange versions for their closed surface structure, ideal for sanitation.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304



PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient		Max. axial load ¹⁾ N				
	dyn. ¹⁾ C N	stat. Co N		PA FV N	PP FV N	PA FV N	PP FV N
17	9500	4750	1900	9775	6325	9775	6900
20	12700	6550	2540	9775	6325	9775	6900
25	14000	7800	2800	10925	7475	11500	7475
25*	14000	7800	2800	10925	7475	11500	7475
30	19500	11200	3900	14950	9200	14375	11500
30*	19500	11200	3900	14950	9200	14375	11500
35	25500	15300	5100	14950	9200	13225	10925
35*	25500	15300	5100	14950	9200	14375	11500
40	30700	19000	6140	14950	9775	14950	10925
40*	30700	19000	6140	14950	9200	14375	11500

*= Version with special fixing holes

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Pre-lubricated with lithium/ calcium grease • Can be relubricated

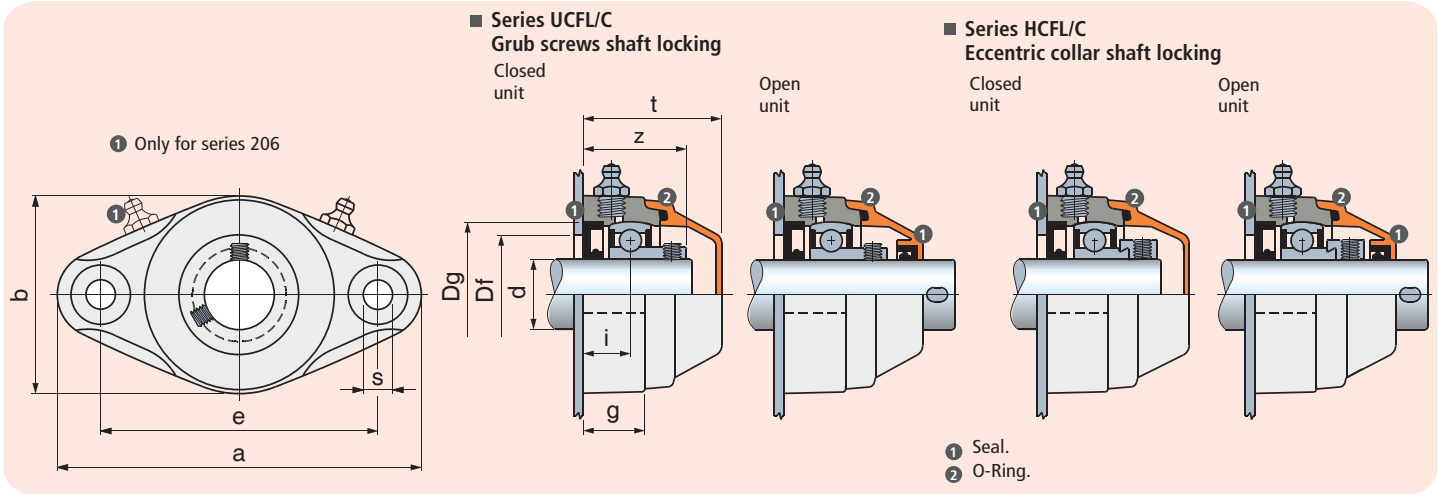
Quick coupler for remote lubrication (accessory)



Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft. Material nickel plated brass. Dimension : 1/8 Gas.

UCFL/C-HCFL/C



dia. d mm	Series	Housing material			Dimensions in mm										Bore in frame ²⁾ Df		Weight Kg	Spare parts	
		Polyamide PA FV Standard Flange (black) Cover (orange)	Polyamide PA FV with Microban® Solid Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Solid Flange (white) Cover (red)	e	a	b	s	g	i	z	t	Dg	max.	min.	Bearing		Cover orange	Cover red with Microban®
		Code															Code		
Grub screws shaft locking • Closed unit																			
17*	SUCFL 203 C	603763	603783	603803	90	116	62	11	20	15,2	31,1	46	40	38	33	YAT 203	0,22	681942	681982
20	UCFL 204 C	69016	650972	679652	90	116	62	11	20	15,2	33,5	46	47	45	40	YAT 204	0,25	681942	681982
25	UCFL 205 C	68523	650982	679662	99	130	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681952	681992
25*	SUCFL 205 C	687562 ³⁾	687642	687722	90	130	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681952	681992
30	UCFL 206 C	68399	650992	679672	117	148	85	11	26	20	41	55	62	60	50	YAT 206	0,42	63154	653322
30*	SUCFL 206 C	687572 ³⁾	687652	687732	99	148	85	11	26	20	41	55	62	60	50	YAT 206	0,42	63154	653322
35	UCFL 207 C	648131	651002	679682	130	162	93	11	26	19,5	45	59	72	70	55	YAT 207	0,65	682022	682042
35*	SUCFL 207 C	697702 ³⁾	697782	697862	117	148	112	11	26	19,5	43	62	72	70	55	YAT 207	0,70	63539	653342
40	UCFL 208 C	672411	651012	679692	144	176	102	11	30	22	47,3	65,5	80	78	65	YAT 208	0,90	63539	653342
40*	SUCFL 208 C	697712 ³⁾	697792	697872	117	148	112	11	26	19	45	62	80	78	65	YAT 208	0,74	63539	653342
Grub screws shaft locking • Open unit																			
17*	SUCFL 203 C	603813	603833	603853	90	116	62	11	20	15,2	31,1	46	40	38	33	YAT 203	0,22	696162	696172
20	UCFL 204 C	69026	651072	679702	90	116	62	11	20	15,2	33,5	46	47	45	40	YAT 204	0,25	681962	682002
25	UCFL 205 C	68533	651082	679712	99	130	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681972	682012
25*	SUCFL 205 C	687582 ³⁾	687662	687742	90	130	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681972	682012
30	UCFL 206 C	68409	651092	679722	117	148	85	11	26	20	41	55	62	60	50	YAT 206	0,42	69965	653442
30*	SUCFL 206 C	687592 ³⁾	687672	687752	99	148	85	11	26	20	41	55	62	60	50	YAT 206	0,42	69965	653442
35	UCFL 207 C	648141	651102	679732	130	162	93	11	26	19,5	45	59	72	70	55	YAT 207	0,65	682032	682052
35*	SUCFL 207 C	697722 ³⁾	697802	697882	117	148	112	11	26	19,5	43	62	72	70	55	YAT 207	0,70	615692	669202
40	UCFL 208 C	672421	651112	679742	144	176	102	11	30	22	47,3	65,5	80	78	65	YAT 208	0,90	63549	653462
40*	SUCFL 208 C	697732 ³⁾	697812	697892	117	148	112	11	26	19	45	62	80	78	65	YAT 208	0,74	63549	653462
Eccentric collar shaft locking • Closed unit																			
17*	SHCFL 203 C	603863	603883	603903	90	116	62	11	20	15,2	37,3	49	40	38	33	YET 203	0,27	681942	681982
20	HCFL 204 C	679052	679352	679752	90	116	62	11	20	15,2	38,7	49	47	45	40	YET 204	0,30	681942	681982
25	HCFL 205 C	679062	679362	679762	99	130	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681952	681992
25*	SHCFL 205 C	687602 ³⁾	687682	687762	90	130	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681952	681992
30	HCFL 206 C	679072	679372	679772	117	148	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	63154	653322
30*	SHCFL 206 C	687612 ³⁾	687692	687772	99	148	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	63154	653322
35	HCFL 207 C	679082	679382	679782	130	162	93	11	26	19,5	48,9	59	72	70	55	YET 207	0,83	682022	682042
35*	SHCFL 207 C	697742 ³⁾	697822	697902	117	148	112	11	26	19,5	48,4	62	72	70	55	YET 207	0,88	63539	653342
40	HCLF 208 C	679092	679392	679792	144	176	102	11	30	22	54,7	71	80	78	65	YET 208	1,09	600882	653352
40*	SHCFL 208 C	697752 ³⁾	697832	697912	117	148	112	11	26	19	51,7	68	80	78	65	YET 208	0,93	600882	653352
Eccentric collar shaft locking • Open unit																			
17*	SHCFL 203 C	603913	603933	603953	90	116	62	11	20	15,2	37,3	49	40	38	33	YET 203	0,27	696162	696172
20	HCFL 204 C	679102	679402	679802	90	116	62	11	20	15,2	38,7	49	47	45	40	YET 204	0,30	681962	682002
25	HCFL 205 C	679112	679412	679812	99	130	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681972	682012
25*	SHCFL 205 C	687622 ³⁾	687702	687782	90	130	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681972	682012
30	HCFL 206 C	679122	679422	679822	117	148	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	69965	653442
30*	SHCFL 206 C	687632 ³⁾	687712	687792	99	148	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	69965	653442
35	HCFL 207 C	679132	679432	679832	130	162	93	11	26	19,5	48,9	59	72	70	55	YET 207	0,83	682032	682052
35*	SHCFL 207 C	697762 ³⁾	697842	697922	117	148	112	11	26	19,5	48,4	62	72	70	55	YET 207	0,88	615692	669202
40	HCFL 208 C	679142	679442	679842	144	176	102	11	30	23	54,7	54,7	80	78	65	YET 208	1,09	600892	653472
40*	SHCFL 208 C	697772 ³⁾	697852	697932	117	148	112	11	26	19	51,7	68	80	78	65	YET 208	0,93	600892	653472

* = Version with special fixing holes

SUCFL206C/SHCFL206C: Assembly with cylindrical head screws

2) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

3) = Solid flange

Packaging : 6 pieces.

INDICATIVE GUIDE LINES

FOR PRODUCT AVAILABILITIES:

 On stock

 Please, contact our customer service for delivery times

 On request for appropriate suitable quantities

Oval flange bearing units UCFL/CL-HCFL/CL

LIFE
LUBRICATED



Dry use recommended



- **Life lubricated** The ball-bearings are pre-lubricated with a special grease keeping the bearing for its whole life. No need for re-lubrication (see page B58 to calculate the grease life)
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing.** High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing.** Proof to highly aggressive chemical agents. Inferior loading ability.
- **Solid flange bearings.** They differ from standard flange versions for their closed surface structure, ideal for sanification.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient		Max. axial load ¹⁾ N	PA FV		PP FV	
	dyn. ¹⁾ C N	stat. Co N		N	N	N	N
17	9500	4750	1900	9775	6325	9775	6900
20	12700	6550	2540	9775	6325	9775	6900
25	14000	7800	2800	10925	7475	11500	7475
25*	14000	7800	2800	10925	7475	11500	7475
30	19500	11200	3900	14950	9200	14375	11500
30*	19500	11200	3900	14950	9200	14375	11500
35	25500	15300	5100	14950	9200	13225	10925
35*	25500	15300	5100	—	—	—	—
40	30700	19000	6140	14950	9775	14950	10925

*= Version with special fixing holes

1) = Values are valid for applications with $\leq h 6$ shaft tolerance. Time 0,77 values must be considered in all other cases.

Continuous operating temperature

in air : - 20 to + 60°C.

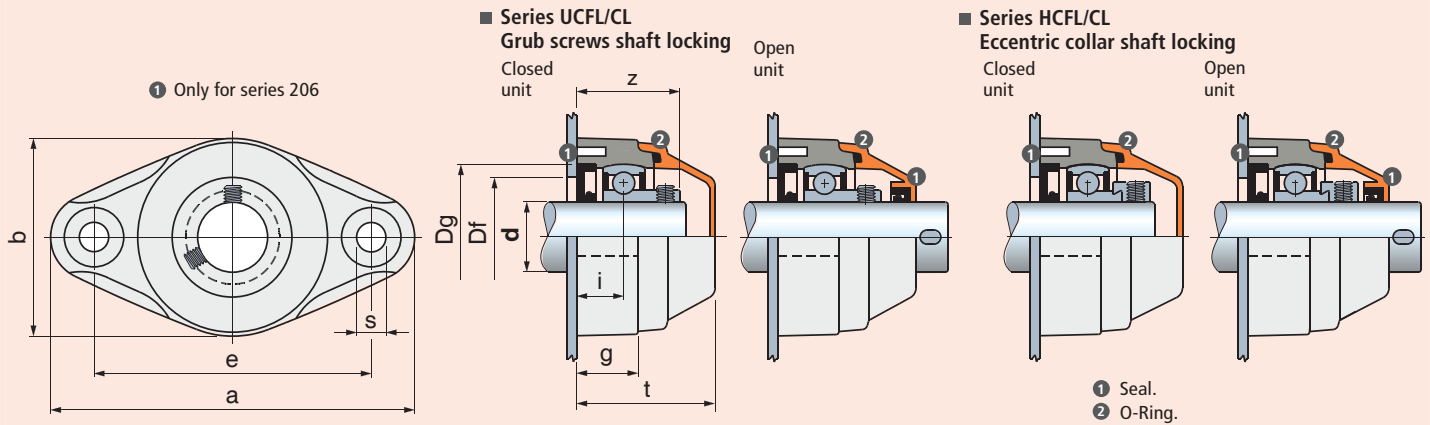
Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Pre-lubricated with lithium/ calcium grease

UCFL/CL-HCFL/CL



dia. d mm	Series	e	a	Housing material			Dimensions in mm							Bore in frame Df	Weight Kg	Spare parts			
				Polyamide PA FV Standard Flange (black) Cover (orange)	Polyamide PA FV with Microban® Solid Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Solid Flange (white) Cover (red)	b	s	g	i	z	t	Dg			max.	min.	Bearing	Code
Grub screws shaft locking • Closed unit																			
20	UCFL 204 CL	90	116	69016L	650972L	<i>679652L</i>	62	11	20	15,2	33,5	46	47	45	40	YAT 204	0,25	681942	681982
25	UCFL 205 CL	99	130	68523L	650982L	<i>679662L</i>	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681952	681992
25*	SUCFL 205 CL	90	130	687562L ²⁾	687642L	<i>687722L</i>	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681952	681992
30	UCFL 206 CL	117	148	68399L	650992L	<i>679672L</i>	85	11	26	20	41	55	62	60	50	YAT 206	0,42	63154	653322
30*	SUCFL 206 CL	99	148	687572L ²⁾	687652L	<i>687732L</i>	85	11	26	20	41	55	62	60	50	YAT 206	0,42	63154	653322
35	UCFL 207 CL	130	162	648131L	651002L	<i>679682L</i>	93	11	26	19,5	45	59	72	70	55	YAT 207	0,65	682022	682042
35*	SUCFL 207 CL	117	148	697702L ²⁾	697782L	<i>697862L</i>	112	11	26	19,5	43	62	72	70	55	YAT 207	0,70	63539	653342
40	UCFL 208 CL	144	176	672411L	651012L	<i>679692L</i>	102	11	30	23	52	65,5	80	78	65	YAT 208	0,90	63539	653342
40*	SUCFL 208 CL	117	148	697712L ²⁾	697792L	<i>697872L</i>	112	11	26	19	45	62	80	78	65	YAT 208	0,74	63539	653342
Grub screws shaft locking • Open unit																			
20	UCFL 204 CL	90	116	69026L	651072L	<i>679702L</i>	62	11	20	15,2	33,5	46	47	45	40	YAT 204	0,25	681962	682002
25	UCFL 205 CL	99	130	68533L	651082L	<i>679712L</i>	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681972	682012
25*	SUCFL 205 CL	90	130	687582L ²⁾	687662L	<i>687742L</i>	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681972	682012
30	UCFL 206 CL	117	148	68409L	651092L	<i>679722L</i>	85	11	26	20	41	55	62	60	50	YAT 206	0,42	69965	653442
30*	SUCFL 206 CL	99	148	687592L ²⁾	687672L	<i>687752L</i>	85	11	26	20	41	55	62	60	50	YAT 206	0,42	69965	653442
35	UCFL 207 CL	130	162	648141L	651102L	<i>679732L</i>	93	11	26	19,5	45	59	72	70	55	YAT 207	0,65	682032	682052
35*	SUCFL 207 CL	117	148	697722L ²⁾	697802L	<i>697882L</i>	112	11	26	19,5	43	62	72	70	55	YAT 207	0,70	615692	669202
40	UCFL 208 CL	144	176	672421L	651112L	<i>679742L</i>	102	11	30	23	52	65,5	80	78	65	YAT 208	0,90	63549	653462
40*	SUCFL 208 CL	117	148	697732L ²⁾	697812L	<i>697892L</i>	112	11	26	19	45	62	80	78	65	YAT 208	0,74	63549	653462
Eccentric collar shaft locking • Closed unit																			
20	HCFL 204 CL	90	116	679052L	679352L	<i>679752L</i>	62	11	20	15,2	38,7	49	47	45	40	YET 204	0,30	681942	681982
25	HCFL 205 CL	99	130	679062L	679362L	<i>679762L</i>	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681952	681992
25*	SHCFL 205 CL	90	130	687602L ²⁾	687682L	<i>687762L</i>	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681952	681992
30	HCFL 206 CL	117	148	679072L	679372L	<i>679772L</i>	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	63154	653322
30*	SHCFL 206 CL	99	148	687612L ²⁾	687692L	<i>687772L</i>	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	63154	653322
35	HCFL 207 CL	130	162	679082L	679382L	<i>679782L</i>	93	11	26	19,5	48,9	59	72	70	55	YET 207	0,83	682022	682042
35*	SHCFL 207 CL	117	148	697742L ²⁾	697822L	<i>697902L</i>	112	11	26	19,5	48,4	62	72	70	55	YET 207	0,88	63539	653342
40	HCFL 208 CL	144	176	679092L	679392L	<i>679792L</i>	102	11	30	23	55,7	71	80	78	65	YET 208	1,09	600882	653352
40*	SHCFL 208 CL	117	148	697752L ²⁾	697832L	<i>697912L</i>	112	11	26	19	51,7	68	80	78	65	YET 208	0,93	600882	653352
Eccentric collar shaft locking • Open unit																			
20	HCFL 204 CL	90	116	679102L	679402L	<i>679802L</i>	62	11	20	15,2	38,7	49	47	45	40	YET 204	0,30	681962	682002
25	HCFL 205 CL	99	130	679112L	679412L	<i>679812L</i>	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681972	682012
25*	SHCFL 205 CL	90	130	687622L ²⁾	687702L	<i>687782L</i>	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681972	682012
30	HCFL 206 CL	117	148	679122L	679422L	<i>679822L</i>	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	69965	653442
30*	SHCFL 206 CL	99	148	687632L ²⁾	687712L	<i>687792L</i>	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	69965	653442
35	HCFL 207 CL	130	162	679132L	679432L	<i>679832L</i>	93	11	26	19,5	48,9	59	72	70	55	YET 207	0,83	682032	682052
35*	SHCFL 207 CL	117	148	697762L ²⁾	697842L	<i>697922L</i>	112	11	26	19,5	48,4	62	72	70	55	YET 207	0,88	615692	669202
40	HCFL 208 CL	144	176	679142L	679442L	<i>679842L</i>	102	11	30	23	55,7	71	80	78	65	YET 208	1,09	600892	653472
40*	SHCFL 208 CL	117	148	697772L ²⁾	697852L	<i>697932L</i>	112	11	26	19	51,7	68	80	78	65	YET 208	0,93	600892	653472

*= Version with special fixing holes

SUCFL206CL/SHCFL206CL: Assembly with cylindrical head screws

2) = Solid flange

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

■ On stock

■ Please, contact our customer
service for delivery times

■ On request for appropriate
suitable quantities

Oval flange bearing units

UCFL-HCFL



Accessories



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Bearing in stainless steel AISI 420 • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Bearing in stainless steel AISI 420 • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing

Series YAR 2F (grub screws shaft locking, chrome alloy steel, Supergriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Supergriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Supergriseal unit) • Series YET (eccentric collar shaft locking, chrome alloy steel, Supergriseal unit) • Prelubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)



Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft. Material nickel plated brass. Dimension : 1/8 Gas.

- **Grub screws or eccentric collar shaft locking**
- **Version with bearing YAR 2F**
The double ring guarantees maximum protection against dust and non-corrosive substances.
- **Version with stainless steel bearing YAR 2RF**
AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.
- **Version with bearing YAT**
The rubberised ring guarantees maximum protection against dusts.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.
- **Material**
Polyamide PA FV guarantees maximum strength and high-temperature resistance.
Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.

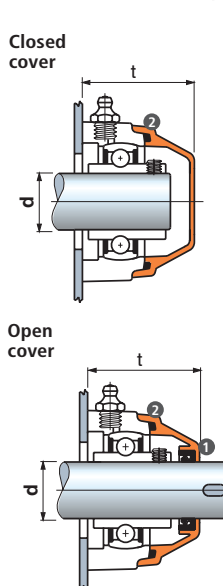
Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT - YET			Bearing load YAR 2RF			Bearing unit max. static load	
	Load coefficient dyn. ¹⁾ C N	stat. Co N	Max. axial load N	Load coefficient dyn. ¹⁾ C N	stat. Co N	Max. axial load N	PA FV N	PA FV N
17*	9500	4750	1900	8000	4750	1600	9775	9775
20	12700	6550	2540	10800	6550	2160	9775	9775
25	14000	7800	2800	11900	7800	2380	10925	11500
25*	14000	7800	2800	11900	7800	2380	10925	11500
30	19500	11200	3900	16250	11200	3250	14950	14375
30*	19500	11200	3900	16250	11200	3250	14950	14375
35	25500	15300	5100	21600	15300	4320	14950	13225
35*	25500	15300	5100	21600	15300	4320	—	—
40	30700	19000	6140	26000	19000	5200	14950	14950
40*	30700	19000	6140	26000	19000	5200	—	—

* = Version with special fixing holes

1) = Values are valid for applications with ± 0.06 shaft tolerance. Time 0.77 values must be considered in all other cases.

Protection covers (accessories)

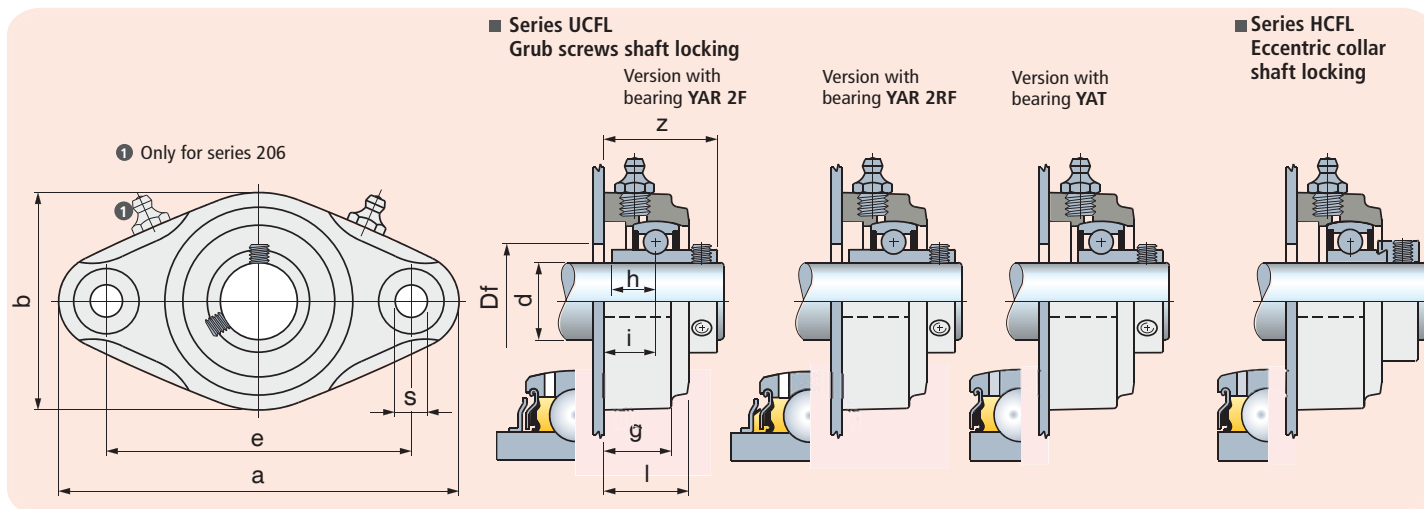


dia. d mm	Accessories		t mm	UCFL	HCFL
	Cover orange	Cover red			
	Microban®				
	Code				
Closed cover supplied with seals					
17*	681942	681982	46	49	
20	681942	681982	46	49	
25	681952	681992	49,5	49,5	
25*	681952	681992	49,5	49,5	
30	63154	653322	55	55	
30*	63154	653322	55	55	
35	682022	682042	59	59	
35*	63539	653342	62	62	
40 1)	63539	653342	65,5	—	
40 2)	600882	653352	—	71	
Open cover supplied with seals					
17*	696162	696172	46	49	
20	681962	682002	46	49	
25	681972	682012	49,5	49,5	
25*	681972	682012	49,5	49,5	
30	69965	653442	55	55	
30*	69965	653442	55	55	
35	682032	682052	59	59	
35*	615692	669202	62	62	
40 1)	63549	653462	65,5	—	
40 2)	600892	653472	—	71	

* = Version with special fixing holes

1) = Protection cover for bearing unit with grub screws shaft locking
2) = Protection cover for bearing unit with eccentric collar shaft locking

UCFL-HCFL



dia. d mm	Series	Housing material			Dimensions in mm										Bore in frame Df mm	Bearing	Weight Kg
		Polyamide PA FV Standard Flange (black)	Polyamide PA FV with Microban® Solid Flange (grey)	Polypropylene PP FV with Microban® Solid Flange (white)	e	a	b	s	g	i	h	l	z				
Grub screws shaft locking • Version with bearing YAR 2F																	
17*	SUCFL 203	640982	—	—	90	116	62	11	20	15,2	11,5	25,5	31,1	21	YAR 203 2F	0,23	
20	UCFL 204	69056	—	—	90	116	62	11	20	15,2	12,7	25	33,5	24	YAR 204 2F	0,25	
25	UCFL 205	68563	—	—	99	130	71	11	22,5	16,8	14,3	27,5	36,5	29	YAR 205 2F	0,31	
25*	SUCFL 205	687922 ²⁾	—	—	90	130	71	11	22,5	16,8	14,3	27,5	36,5	29	YAR 205 2F	0,31	
30	UCFL 206	68439	—	—	117	148	85	11	26	19	15,9	31,5	41,2	34	YAR 206 2F	0,44	
30*	SUCFL 206	687932 ²⁾	—	—	99	148	85	11	26	19	15,9	31,5	41,2	34	YAR 206 2F	0,44	
35	UCFL 207	648171	—	—	130	162	93	11	26	19,5	17,5	32	45	39	YAR 207 2F	0,67	
35*	SUCFL 207	602303 ²⁾	—	—	117	148	112	11	26	19,5	17,5	33	43	39	YAR 207 2F	0,68	
40	UCFL 208	672451	—	—	144	176	102	11	30	22	19	36	52	44	YAR 208 2F	0,90	
40*	SUCFL 208	602313 ²⁾	—	—	117	148	112	11	26	19	19	33	45	44	YAR 208 2F	0,72	
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																	
20	UCFL 204	646542	680252	680302	90	116	62	11	20	15,2	12,7	25	33,5	24	YAR 204 2RF	0,25	
25	UCFL 205	646552	680262	680312	99	130	71	11	22,5	16,8	14,3	27,5	36,5	29	YAR 205 2RF	0,31	
25*	SUCFL 205	687942 ²⁾	687962	687982	90	130	71	11	22,5	16,8	14,3	27,5	36,5	29	YAR 205 2RF	0,31	
30	UCFL 206	646562	680272	680322	117	148	85	11	26	19	15,9	31,5	41,2	34	YAR 206 2RF	0,44	
30*	SUCFL 206	687952 ²⁾	687972	687992	99	148	85	11	26	19	15,9	31,5	41,2	34	YAR 206 2RF	0,44	
35	UCFL 207	646572	680282	680332	130	162	93	11	26	19,5	17,5	32	45	39	YAR 207 2RF	0,67	
35*	SUCFL 207	602323 ²⁾	697942	697962	117	148	112	11	26	19,5	17,5	33	43	39	YAR 207 2RF	0,68	
40	UCFL 208	646582	680292	680342	144	176	102	11	30	22	19	36	52	44	YAR 208 2RF	0,90	
40*	SUCFL 208	602333 ²⁾	697952	697972	117	148	112	11	26	19	19	33	45	44	YAR 208 2RF	0,72	
Grub screws shaft locking • Version with bearing YAT																	
17*	SUCFL 203	603963	603983	604003	90	116	62	11	20	15,2	—	25,5	31,1	21	YAT 203	0,21	
20	UCFL 204	655482	666562	680152	90	116	62	11	20	15,2	—	25	33,5	24	YAT 204	0,23	
25	UCFL 205	655472	666572	680162	99	130	71	11	22,5	16,8	—	27,5	36,3	29	YAT 205	0,31	
25*	SUCFL 205	687802 ²⁾	687842	687882	90	130	71	11	22,5	16,8	—	27,5	36,3	29	YAT 205	0,31	
30	UCFL 206	666412	666582	680172	117	148	85	11	26	20	—	31,5	41	34	YAT 206	0,39	
30*	SUCFL 206	687812 ²⁾	687852	687892	99	148	85	11	26	20	—	31,5	41	34	YAT 206	0,39	
35	UCFL 207	666422	666592	680182	130	162	93	11	26	19,5	—	32	45	39	YAT 207	0,62	
35*	SUCFL 207	602183 ²⁾	602223	602263	117	148	112	11	26	19,5	—	33	43	39	YAT 207	0,86	
40	UCFL 208	666432	666602	680192	144	176	102	11	30	22	—	36	52	44	YAT 208	0,86	
40*	SUCFL 208	602193 ²⁾	602233	602273	117	148	112	11	26	19	—	33	45	44	YAT 208	0,91	
Eccentric collar shaft locking																	
17*	SHCFL 203	604013	604033	604053	90	116	62	11	20	15,2	—	25,5	37,3	21	YET 203	0,26	
20	HCFL 204	679852	680002	680202	90	116	62	11	20	15,2	—	25	38,7	24	YET 204	0,28	
25	HCFL 205	679862	680012	680212	99	130	71	11	22,5	16,8	—	27,5	40,3	29	YET 205	0,35	
25*	SHCFL 205	687822 ²⁾	687862	687902	90	130	71	11	22,5	16,8	—	27,5	40,3	29	YET 205	0,35	
30	HCFL 206	679872	680022	680222	117	148	85	11	26	20	—	31,5	46,7	34	YET 206	0,46	
30*	SHCFL 206	687832 ²⁾	687872	687912	99	148	85	11	26	20	—	31,5	46,7	34	YET 206	0,46	
35	HCFL 207	679882	680032	680232	130	162	93	11	26	19,5	—	32	48,9	39	YET 207	0,79	
35*	SHCFL 207	602203 ²⁾	602243	602283	117	148	112	11	26	19,5	—	33	49	48,4	YET 207	0,86	
40	HCFL 208	679892	680042	680242	144	176	102	11	30	22	—	36	55,7	44	YET 208	1,05	
40*	SHCFL 208	602213 ²⁾	602253	602293	117	148	112	11	26	19	—	33	54	51,7	YET 208	0,91	

* = Version with special fixing holes
 SUCFL/SHCFL: Assembly with cylindrical head screws
 2) = Solid flange
 Packaging : 6 pieces.

INDICATIVE GUIDE LINES
 FOR PRODUCT AVAILABILITIES:

■ On stock

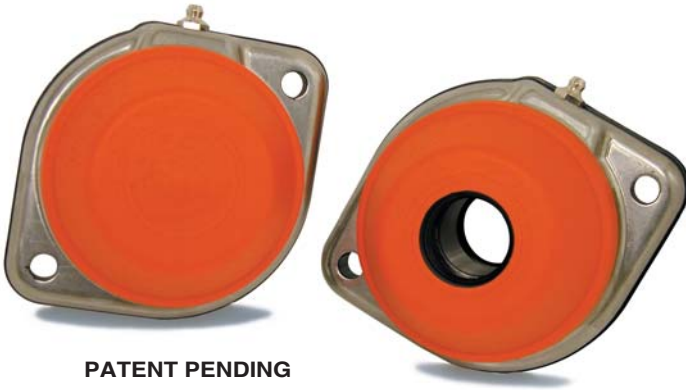
■ Please, contact our customer service for delivery times

■ On request for appropriate suitable quantities

Oval flange bearing units

UCFLS/C-HCFLS/C

- Austenitic stainless steel surface
 - Waterproof housing
 - Grub screws or eccentric collar shaft locking
 - Solid flange
- Patent pending design with perfect seal: rubber makes one-body with steel and engineering plastic bearing seat.



PATENT PENDING

Material

Housing in reinforced polyamide PAFV resin (black) • Austenitic stainless steel surface • Seal in NBR rubber (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated



Quick coupler for remote lubrication (accessory)



Code : 67843.

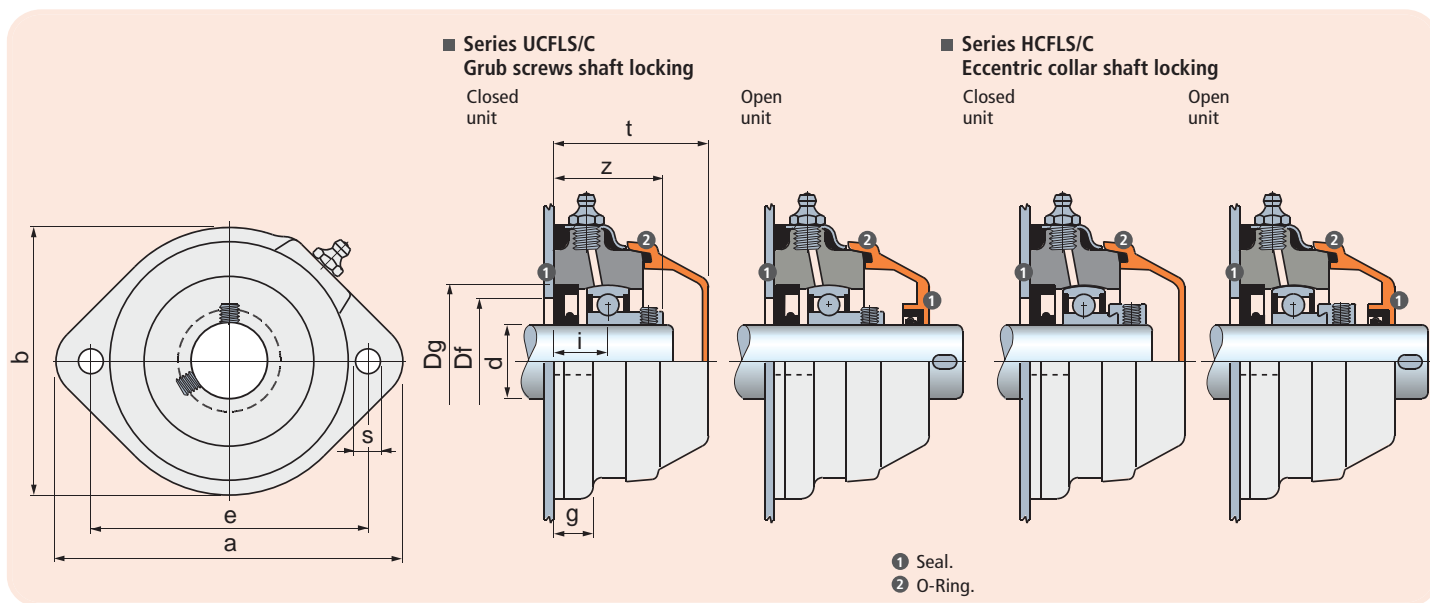
The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load	
	Load coefficient dyn.1) C N	stat. Co N	Max. axial load N	 PA FV N	 PA FV N
30	19500	11200	3900	14950	14375
35*	25500	15300	5100	14950	13225
40*	30700	19000	6140	14950	14950

*= Version with special fixing holes

1) = Values are valid for applications with $\leq h 6$ shaft tolerance. Time 0.77 values must be considered in all other cases.



dia. d mm	Series	Code	Dimensions in mm									Bore in frame ¹⁾ Df			Weight Kg	Spare parts	
			e	a	b	s	g	i	z	t	Dg	max.	min.	Bearing		Cover orange Code	
Grub screws shaft locking • Closed unit																	
30	UCFLS 206 C	670792	117	145	112	10,5	15,5	22	43	65,8	62	60	50	YAT 206	0,65	63539	
35*	SUCFLS 207 C	670802	117	145	112	10,5	15,5	22	45,3	65,8	72	70	55	YAT 207	0,76	63539	
40*	SUCFLS 208 C	670812	117	145	112	10,5	15,5	22	47,3	65,8	80	78	65	YAT 208	0,86	63539	
Grub screws shaft locking • Open unit																	
30	UCFLS 206 C	670822	117	145	112	10,5	15,5	22	43	65,8	62	60	50	YAT 206	0,65	615682	
35*	SUCFLS 207 C	670832	117	145	112	10,5	15,5	22	45,3	65,8	72	70	55	YAT 207	0,76	615692	
40*	SUCFLS 208 C	670842	117	145	112	10,5	15,5	22	47,3	65,8	80	78	65	YAT 208	0,86	63549	
Eccentric collar shaft locking • Closed unit																	
30	HCFLS 206 C	670852	117	145	112	10,5	15,5	22	49	65,8	62	60	50	YET 206	0,72	63539	
35*	SHCFLS 207 C	670862	117	145	112	10,5	15,5	22	51,4	65,8	72	70	55	YET 207	0,82	63539	
40*	SHCFLS 208 C	670872	117	145	112	10,5	15,5	22	55	65,8	80	78	65	YET 208	0,92	63539	
Eccentric collar shaft locking • Open unit																	
30	HCFLS 206 C	670882	117	145	112	10,5	15,5	22	49	65,8	62	60	50	YET 206	0,72	615682	
35*	SHCFLS 207 C	670892	117	145	112	10,5	15,5	22	51,4	65,8	72	70	55	YET 207	0,82	615692	
40*	SHCFLS 208 C	670902	117	145	112	10,5	15,5	22	55	65,8	80	78	65	YET 208	0,92	63549	

*= Version with special fixing holes

1) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

■ On stock

■ Please, contact our customer service for delivery times

Oval flange bearing units

FL



- **Waterproof housing**
- **Shaft shoulders locking**
High axial load capacity.
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304 .

PPFV polypropylene housing

Housing in reinforced polypropylene PPFV resin (black) • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing

Series 1200 self aligning ball bearing • Chrome alloy steel • Supplied without grease • To be prelubricated with lithium/calcium grease during first installation.

Quick coupler for remote lubrication (accessory)

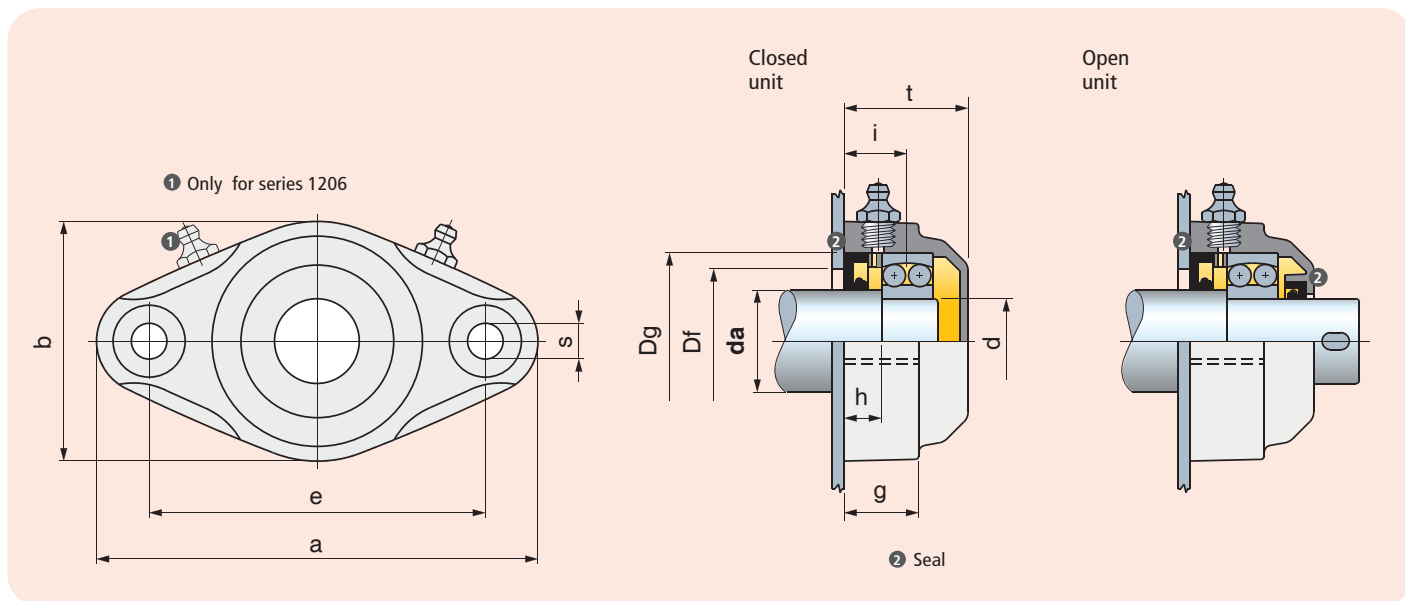


Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Loads

Shaft dia. d mm	Bearing dia. d mm	Bearing load		Bearing unit max. static load					
		Load coefficient dyn. C N	Load coefficient stat. Co N						
				PA FV N	PP FV N	PA FV N	PP FV N	PA FV N	PP FV N
25	20	12700	3400	9200	6900	11500	8625	12650	5750
30	25	14300	4000	11500	6900	12650	9200	13800	5750
35	30	15600	4650	11500	9200	12650	9200	9200	4600
40	35	19000	6000	12650	9200	12650	9200	13800	6900
45	40	19900	6950	12650	9200	13800	9775	17250	12650



Shaft dia. da mm	Bearing dia. d mm	Series	Housing material		Dimensions in mm										Bore in frame ¹⁾ Df		Weight Kg
			Polyamide PA FV Standard Flange (black) Code	Polypropylene PP FV ¹⁾ Standard Flange (black) Code	e	a	b	s	g	i	h	t	Dg	max.	min.	Bearing	
Closed unit																	
25	20	FL 1204	68976	<i>680352</i>	90	116	62	11	20	18	11	35,5	47	45	40	1204	0,25
30	25	FL 1205	68483	<i>680362</i>	99	130	71	11	22,5	18,5	11	36,5	52	50	47	1205	0,29
35	30	FL 1206	68339	<i>680372</i>	117	148	85	11	26	19	11	40	62	60	52	1206	0,39
40	35	FL 1207	648091	<i>680382</i>	130	162	93	11	26	19,5	11	40	72	70	60	1207	0,55
45	40	FL 1208	672371	<i>680392</i>	144	176	102	11	30	25	16	45	80	78	65	1208	0,71
Open unit																	
25	20	FL 1204	68986	<i>680402</i>	90	116	62	11	20	18	11	35,5	47	45	40	1204	0,25
30	25	FL 1205	68493	<i>680412</i>	99	130	71	11	22,5	18,5	11	36,5	52	50	47	1205	0,29
35	30	FL 1206	68349	<i>680422</i>	117	148	85	11	26	19	11	40	62	60	52	1206	0,39
40	35	FL 1207	648101	<i>680432</i>	130	162	93	11	26	19,5	11	40	72	70	60	1207	0,55
45	40	FL 1208	672381	<i>680442</i>	144	176	102	11	30	25	16	45	80	78	65	1208	0,71

1) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.
Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

On request for appropriate
suitable quantities

Pillow block type bearing units

UCP/C-HCP/C



- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304 • Stainless steel AISI 303 safety ring • Bottom seal in PVC (black).

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304 • Stainless steel AISI 303 safety ring • Bottom seal in PVC (black).

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316 • Stainless steel AISI 303 safety ring • Bottom seal in PVC (black).

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)



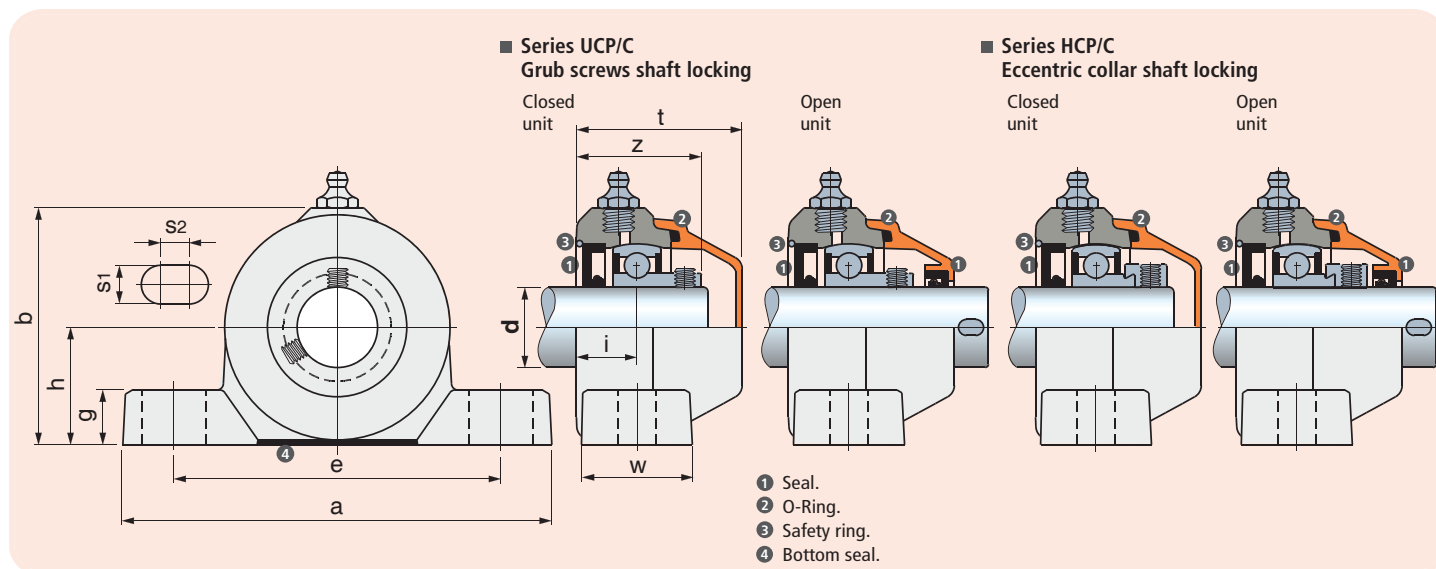
Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load					
	Load coefficient		Max. axial load ¹⁾ N	←		←		←	
	C N	Co N		PA N	FV N	PA N	FV N	PA N	FV N
20	12700	6550	2540	4600	2070	20700	5750	5750	3450
25	14000	7800	2800	6900	2070	20700	5750	6900	3450
30	19500	11200	3900	8050	2300	28750	8050	9200	4600
35	25500	15300	5100	9200	2530	31050	8625	11500	4830
40	30700	19000	6140	9200	2530	31050	8625	11500	4830

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0,77 values must be considered in all other cases.



dia. d mm	Series	Housing material			Dimensions in mm													Weight Kg	Spare parts	
		Polyamide PA FV Flange (black) Cover (orange)	Polyamide PA FV with Microban® Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Flange (white) Cover (red)	e	a	h	b	s1	s2	g	w	i	z	t	Bearing	Code		Code	
Grub screws shaft locking • Closed unit																				
20	UCP 204 C	682941	651452	678352	96	128	33,3	67	12	10	17	30	18,9	37,2	49,7	YAT 204	0,27	681942	681982	
25	UCP 205 C	646511	651462	678362	106	140	36,5	75	12	10	17	34,5	18,8	38,3	51,5	YAT 205	0,33	681952	681992	
30	UCP 206 C	646531	651472	678372	121	163	42,9	88	14	10	20	36	19,7	40,7	55	YAT 206	0,49	63154	653322	
35	UCP 207 C	646551	651482	678382	126	167	47,6	98	14	10	20	38,6	21,3	44,6	61	YAT 207	0,64	682022	682042	
40	UCP 208 C	683041	651492	678392	136	185	50	102	14	10	20	38,6	25	50,3	66,5	YAT 208	0,84	63539	653342	
Grub screws shaft locking • Open unit																				
20	UCP 204 C	682931	651552	678402	96	128	33,3	67	12	10	17	30	18,9	37,2	49,7	YAT 204	0,27	681962	682002	
25	UCP 205 C	646521	651562	678412	106	140	36,5	75	12	10	17	34,5	18,8	38,3	51,5	YAT 205	0,33	681972	682012	
30	UCP 206 C	646541	651572	678422	121	163	42,9	88	14	10	20	36	19,7	40,7	55	YAT 206	0,49	69965	653442	
35	UCP 207 C	646561	651582	678432	126	167	47,6	98	14	10	20	38,6	21,3	44,6	61	YAT 207	0,64	682032	682052	
40	UCP 208 C	683031	651592	678442	136	185	50	102	14	10	20	38,6	25	50,3	66,5	YAT 208	0,84	63549	653462	
Eccentric collar shaft locking • Closed unit																				
20	HCP 204 C	677952	678052	678452	96	128	33,3	67	12	10	17	30	18,9	42,4	52	YET 204	0,32	681942	681982	
25	HCP 205 C	677962	678062	678462	106	140	36,5	75	12	10	17	34,5	18,8	42,3	51,5	YET 205	0,37	681952	681992	
30	HCP 206 C	677972	678072	678472	121	163	42,9	88	14	10	20	36	19,7	46,4	55	YET 206	0,56	63154	653322	
35	HCP 207 C	677982	678082	678482	126	167	47,6	98	14	10	20	38,6	21,3	50,7	61	YET 207	0,82	682022	682042	
40	HCP 208 C	677992	678092	678492	136	185	50	102	14	10	20	38,6	25	57,7	72	YET 208	1,03	600882	653352	
Eccentric collar shaft locking • Open unit																				
20	HCP 204 C	678002	678102	678502	96	128	33,3	67	12	10	17	30	18,9	42,4	52	YET 204	0,32	681962	682002	
25	HCP 205 C	678012	678112	678512	106	140	36,5	75	12	10	17	34,5	18,8	42,3	51,5	YET 205	0,37	681972	682012	
30	HCP 206 C	678022	678122	678522	121	163	42,9	88	14	10	20	36	19,7	46,4	55	YET 206	0,56	69965	653442	
35	HCP 207 C	678032	678132	678532	126	167	47,6	98	14	10	20	38,6	21,3	50,7	61	YET 207	0,82	682032	682052	
40	HCP 208 C	678042	678142	678542	136	185	50	102	14	10	20	38,6	25	57,7	72	YET 208	1,03	600892	653472	

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer service for delivery times

On request for appropriate suitable quantities

■ Spare parts

Safety ring



Seal



dia. d mm	Housing metal		
	Polyamide PA FV Flange (black) Cover (orange)	Polyamide PA FV with Microban® Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Flange (white) Cover (red)
Safety ring			
20	600982	600982	600982
25	646281	646281	646281
30	646291	646291	646291
35	646301	646301	646301
40	601052	601052	601052
Seal			
20	692391	692391	692391
25	646251	646251	646251
30	646261	646261	646261
35	646271	646271	646271
40	692401	692401	692401

Pillow block type bearing units

UCP-HCP



Accessories



Material

PA FV Polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304 • Bottom seal in PVC (black).

PA FV Polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304 • Bottom seal in PVC (black).

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316 • Bottom seal in PVC (black).

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing

Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Series YET (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit) • Pre-lubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)



Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft. Material nickel plated brass. Dimension : 1/8 Gas.

- Grub screws or eccentric collar shaft locking
- Version with bearing YAR 2F
The double ring guarantees maximum protection against dust and non-corrosive substances.
- Version with stainless steel bearing YAR 2RF
AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.
- Version with bearing YAT
The rubberised ring guarantees maximum protection against dusts.
- Supports with Microban® antibacterial protection
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.
- Material
Polyamide PA FV guarantees maximum strength and high-temperature resistance.
Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.

Bearing unit max. static load

Shaft dia. d mm	YAR 2F		YAT		YAR 2RF	
	PA FV N	PP FV N	PA FV N	PP FV N	PA FV N	PP FV N
20	4600	2070	20700	5750	5750	3450
25	6900	2070	20700	5750	6900	3450
30	8050	2300	28750	8050	9200	4600
35	9200	2530	31050	8625	11500	4830
40	9200	2530	31050	8625	11500	4830

Bearing load

Shaft dia. d mm	YAR 2F - YAT - YET			YAR 2RF		
	Load coefficient		Max. axial load N	Load coefficient		Max. axial load N
	dyn. ¹⁾ C N	stat. Co N		dyn. ¹⁾ C N	stat. Co N	
20	12700	6550	2540	10800	6550	2160
25	14000	7800	2800	11900	7800	2380
30	19500	11200	3900	16250	11200	3250
35	25500	15300	5100	21600	15300	4320
40	30700	19000	6140	26000	19000	5200

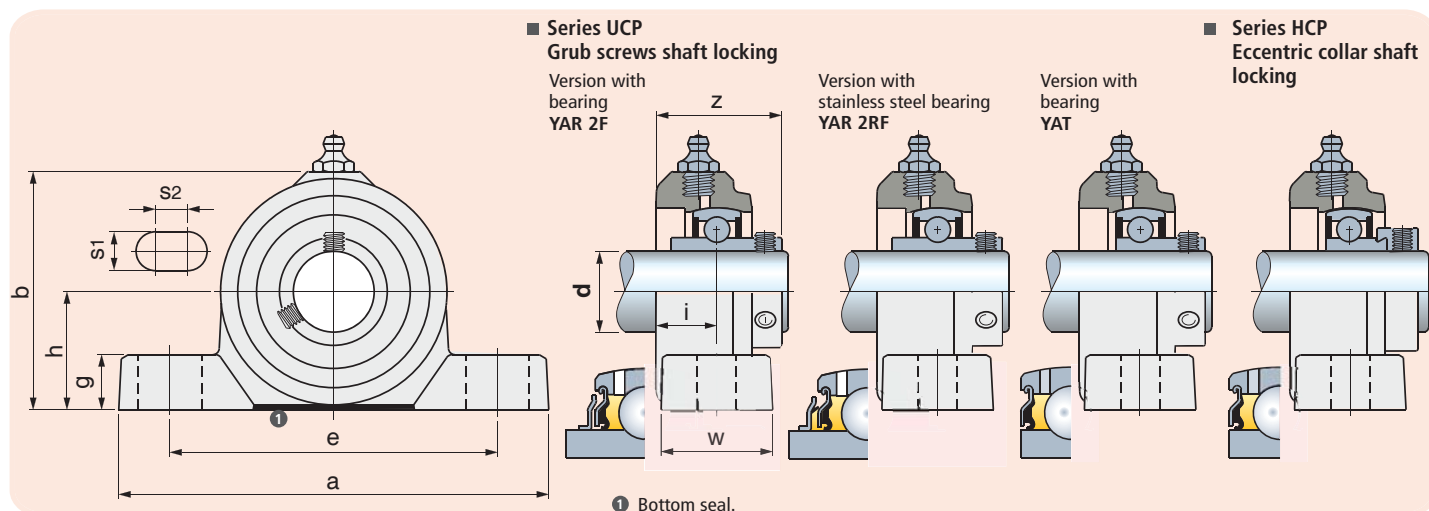
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0,77 values must be considered in all other cases.

Protection covers (accessories)

Closed cover	Accessories			
	Cover orange		Cover red Microban®	
	dia. d mm	Code	t mm	UCP HCP
	Closed cover supplied with seals			
	20	681942	681982	49,7 52
	25	681952	681992	51,5 51,5
	30	63154	653322	55 55
	35	682022	682042	61 61
	Open cover supplied with seals			
	40 1)	63539	653342	66,5 —
	40 2)	600882	653352	— 72
	20	681962	682002	49,7 52
	25	681972	682012	51,5 51,5
	30	69965	653442	55 55
	35	682032	682052	61 61
	40 1)	63549	653462	66,5 —
	40 2)	600892	653472	— 72

- 1) Seals
- 2) Seals O-Ring

1) = Protection cover for bearing unit with grub screws shaft locking
2) = Protection cover for bearing unit with eccentric collar shaft locking



dia. d mm	Series	Housing material			Dimensions in mm											Weight Kg
		Polyamide PA FV Flange (black)	Polyamide PA FV with Microban® Flange (grey)	Polypropylene PP FV with Microban® Flange (white)	e	a	h	b	s1	s2	g	w	i	z	Bearing	
Grub screws shaft locking • Version with bearing YAR 2F																
20	UCP 204	682921	—	—	96	128	33,3	67	12	10	17	30	18,9	37,2	YAR 204 2F	0,27
25	UCP 205	648781	—	—	106	140	36,5	75	12	10	17	34,5	18,8	38,6	YAR 205 2F	0,33
30	UCP 206	648791	—	—	121	163	42,9	88	14	10	20	36	19,7	41,9	YAR 206 2F	0,49
35	UCP 207	648801	—	—	126	167	47,6	98	14	10	20	38,6	21,3	46,7	YAR 207 2F	0,64
40	UCP 208	683021	—	—	136	185	50	102	14	10	20	38,6	25	55,2	YAR 208 2F	0,84
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																
20	UCP 204	646492	678952	679002	96	128	33,3	67	12	10	17	30	18,9	37,2	YAR 204 2RF	0,27
25	UCP 205	646502	678962	679012	106	140	36,5	75	12	10	17	34,5	18,8	38,6	YAR 205 2RF	0,33
30	UCP 206	646512	678972	679022	121	163	42,9	88	14	10	20	36	19,7	41,9	YAR 206 2RF	0,49
35	UCP 207	646522	678982	679032	126	167	47,6	98	14	10	20	38,6	21,3	46,7	YAR 207 2RF	0,64
40	UCP 208	646532	678992	679042	136	185	50	102	14	10	20	38,6	25	55,2	YAR 208 2RF	0,84
Grub screws shaft locking • Version with bearing YAT																
20	UCP 204	678552	678652	678852	96	128	33,3	67	12	10	17	30	18,9	37,2	YAT 204	0,24
25	UCP 205	678562	678662	678862	106	140	36,5	75	12	10	17	34,5	18,8	38,3	YAT 205	0,30
30	UCP 206	678572	678672	678872	121	163	42,9	88	14	10	20	36	19,7	40,7	YAT 206	0,44
35	UCP 207	678582	678682	678882	126	167	47,6	98	14	10	20	38,6	21,3	44,6	YAT 207	0,54
40	UCP 208	678592	678692	678892	136	185	50	102	14	10	20	38,6	25	50,3	YAT 208	0,72
Eccentric collar shaft locking																
20	HCP 204	678602	678702	678902	96	128	33,3	67	12	10	17	30	18,9	42,4	YET 204	0,29
25	HCP 205	678612	678712	678912	106	140	36,5	75	12	10	17	34,5	18,8	42,3	YET 205	0,34
30	HCP 206	678622	678722	678922	121	163	42,9	88	14	10	20	36	19,7	46,4	YET 206	0,51
35	HCP 207	678632	678732	678932	126	167	47,6	98	14	10	20	38,6	21,3	50,7	YET 207	0,72
40	HCP 208	678642	678742	678942	136	185	50	102	14	10	20	38,6	25	57,7	YET 208	0,91

Packaging : 6 pieces.

INDICATIVE GUIDE LINES

FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer service for delivery times

On request for appropriate suitable quantities

■ Spare parts

Seal	dia. d mm	Housing material		
		Polyamide PA FV Flange (black)	Polyamide PA FV with Microban® Flange (grey)	Polypropylene PP FV with Microban® Flange (white)
Seal				
	20	692391	692391	692391
	25	646251	646251	646251
	30	646261	646261	646261
	35	646271	646271	646271
	40	692401	692401	692401

Compact pillow block UCPA/C-HCPA/C



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Nickel plated brass threaded bushings.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Nickel plated brass threaded bushings.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Nickel plated brass threaded bushings.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

Loads

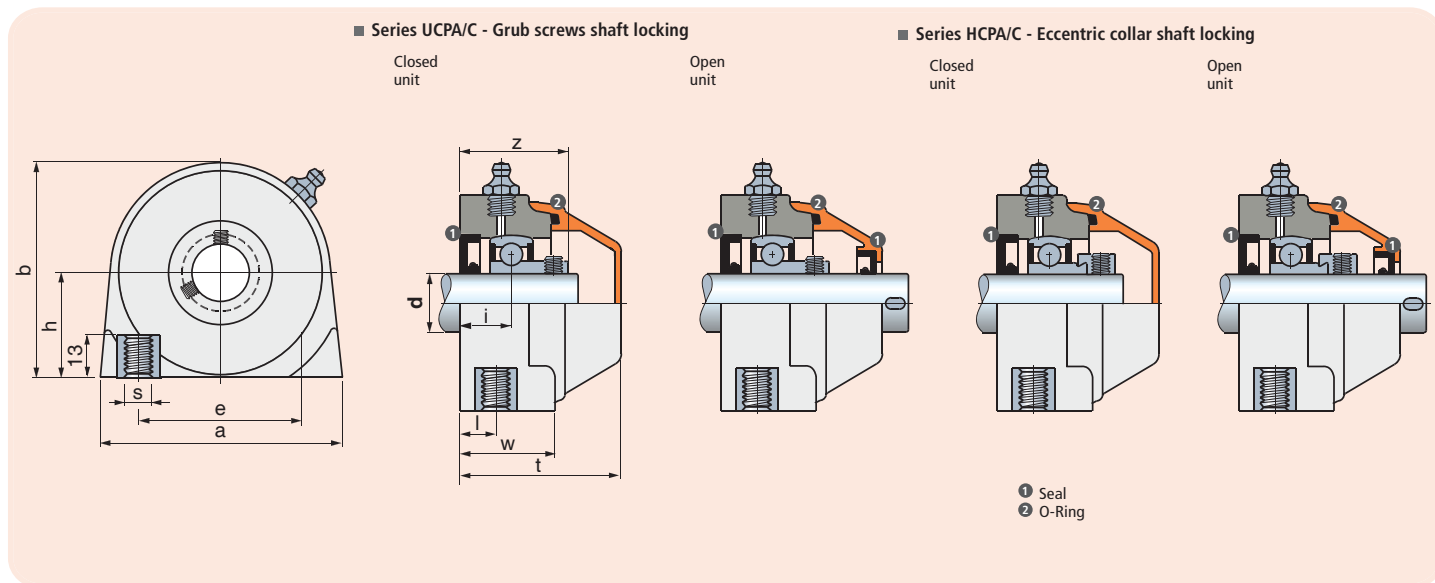
shaft dia. d mm	↑		↓		→		←	
	PA FV N	PP FV N	PA FV N	PP FV N	PA FV N	PP FV N	PA FV N	PP FV N
17	2500	1500	8000	3750	1500	1100	1250	1000
20	2500	1700	6750	4300	2300	1200	1100	750
25	3000	1700	10500	5200	2600	1750	1100	900

Bearing load

shaft dia. d mm	Load coefficient		Max axial load N ¹⁾
	dyn. ¹⁾ C N	stat. Co N	
17	9500	4750	1900
20	12700	6550	2540
25	14000	7800	2800

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

UCPA/C-HCPA/C



dia. d mm	Series	Housing material			Dimensions in mm										Weight Kg	Spare parts			
		Polyamide PA FV Flange (black) Cover (orange)	Polyamide PA FV with Microban® Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Flange (white) Cover (red)	e	a	h	b	s	w	i	l	z	t		Bearing	Cover orange	Cover red Microban®	
		Code																Code	
Grub screws shaft locking • Closed unit																			
17	UCPA 203 C	696182	696302	696542	47	70	30,2	62	M8	28	15,2	10	31,1	49	YAT 203	0,22	681942	681982	
20	UCPA 204 C	696192	696312	696552	50,8	70	33,2	65	M8	28	15,2	10	33,5	49	YAT 204	0,25	681942	681982	
25	UCPA 205 C	696202	696322	696562	50,8	75	36,5	72	M10	30	16,8	12	36,3	52	YAT 205	0,29	681952	681992	
Grub screws shaft locking • Open unit																			
17	UCPA 203 C	696212	696332	696572	47	70	30,2	62	M8	28	15,2	10	31,1	49	YAT 203	0,22	696162	696172	
20	UCPA 204 C	696222	696342	696582	50,8	70	33,2	65	M8	28	15,2	10	33,5	49	YAT 204	0,25	681962	682002	
25	UCPA 205 C	696232	696352	696592	50,8	75	36,5	72	M10	30	16,8	12	36,3	52	YAT 205	0,29	681972	682012	
Eccentric collar shaft locking • Closed unit																			
17	HCPA 203 C	696242	696362	696602	47	70	30,2	62	M8	28	15,2	10	37,3	49	YET 203	0,24	681942	681982	
20	HCPA 204 C	696252	696372	696612	50,8	70	33,2	65	M8	28	15,2	10	38,7	49	YET 204	0,27	681942	681982	
25	HCPA 205 C	696262	696382	696622	50,8	75	36,5	72	M10	30	16,8	12	40,3	52	YET 205	0,34	681952	681992	
Eccentric collar shaft locking • Open unit																			
17	HCPA 203 C	696272	696392	696632	47	70	30,2	62	M8	28	15,2	10	37,3	49	YET 203	0,24	696162	696172	
20	HCPA 204 C	696282	696402	696642	50,8	70	33,2	65	M8	28	15,2	10	38,7	49	YET 204	0,27	681962	682002	
25	HCPA 204 C	696292	696412	696652	50,8	75	36,5	72	M10	30	16,8	12	40,3	52	YET 205	0,34	681972	682012	

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer service for delivery times

On request for appropriate suitable quantities

Compact pillow block UCPA-HCPA



Accessories



Material

PA FV Polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Nickel plated brass threaded bushings.

PA FV Polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Ball type nickel plated brass greasing nipple • Nickel plated brass threaded bushings.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Ball type stainless steel AISI 316 greasing nipple • Nickel plated brass threaded bushings.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing

Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Series YET (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit) • Prelubricated with lithium/ calcium grease • Can be relubricated

- **Version with bearing YAR 2F**
The double ring guarantees maximum protection against dust and non-corrosive substances.
- **Version with stainless steel bearing YAR 2RF**
AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.
- **Version with bearing YAT**
The rubberised ring guarantees maximum protection against dusts.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.
- **Material**
Polyamide PA FV guarantees maximum strength and high-temperature resistance.
Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.

Bearing unit max. static load

shaft dia. d mm	YAR 2F		YAR 2RF		YAT		YET	
	PA FV N	PP FV N	PA FV N	PP FV N	PA FV N	PP FV N	PA FV N	PP FV N
17	2500	1500	8000	3750	1500	1100	1250	1000
20	2500	1700	6750	4300	2300	1200	1100	750
25	3000	1700	10500	5200	2600	1750	1100	900

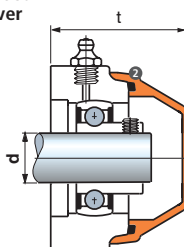
Bearing load

dia. albero d mm	YAR 2F - YAT - YET			YAR 2RF		
	Load coefficient		Max. ¹⁾ axial load N	Load coefficient		Max. ¹⁾ axial load N
	dyn. ¹⁾ C N	stat. Co N		dyn. ¹⁾ C N	stat. Co N	
17	9500	4750	1900	8000	4750	1600
20	12700	6550	2540	10800	6550	2160
25	14000	7800	2800	11900	7800	2380

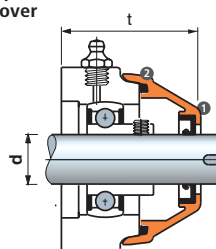
¹⁾ = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Protection covers (accessories)

Closed cover



Open cover

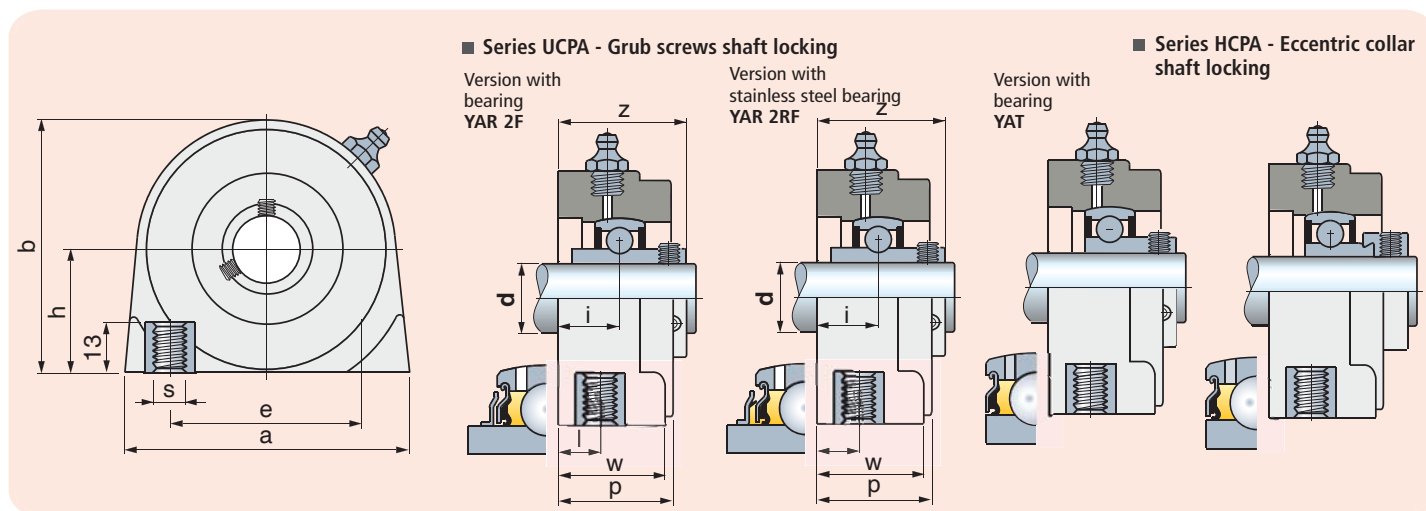


- ① Seal
- ② O-Ring

Accessories

dia. d mm	Cover orange	Cover red	t mm
	Microban®		
Code			
Closed cover supplied with seals			
17	681942	681982	49
20	681942	681982	49
25	681952	681992	52
Open cover supplied with seals			
17	696162	696172	49
20	681962	682002	49
25	681972	682012	52

UCPA-HCPA



dia. d mm	Series	Housing material			Dimensions in mm											Weight Kg
		Polyamide PA FV Flange (black)	Polyamide PA FV with Microban® Flange (grey)	Polypropylene PP FV with Microban® Flange (white)	e	a	h	b	s	w	i	l	z	P	Bearing	
Grub screws shaft locking • Version with bearing YAR 2F																
17	UCPA 203	696902	-	-	47	70	30,2	62	M8	28	15,2	10	31,1	31	YAR 203 F	0,21
20	UCPA 204	696912	-	-	50,8	70	33,2	65	M8	28	15,2	10	33,5	31	YAR 204 F	0,26
25	UCPA 205	696922	-	-	50,8	75	36,5	72	M10	30	16,8	12	36,5	32	YAR 205 F	0,30
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																
20	UCPA 204	696942	696972	697002	50,8	70	33,2	65	M8	28	15,2	10	33,5	31	YAR 204 RF	0,26
25	UCPA 205	696952	696982	697012	50,8	75	36,5	72	M10	30	16,8	12	36,5	32	YAR 205 RF	0,30
Grub screws shaft locking • Version with bearing YAT																
17	UCPA 203	696662	696722	696842	47	70	30,2	62	M8	28	15,2	10	31,1	31	YAT 203	0,21
20	UCPA 204	696672	696732	696852	50,8	70	33,2	65	M8	28	15,2	10	33,5	31	YAT 204	0,24
25	UCPA 205	696682	696742	696862	50,8	75	36,5	72	M10	30	16,8	12	36,5	32	YAT 205	0,28
Eccentric collar shaft locking																
17	HCPA 203	696692	696752	696872	47	70	30,2	62	M8	28	15,2	10	37,3	31	YET 203	0,23
20	HCPA 204	696702	696762	696882	50,8	70	33,2	65	M8	28	15,2	10	38,7	31	YET 204	0,26
25	HCPA 204	696712	696772	696892	50,8	75	36,5	72	M10	30	16,8	12	40,3	32	YET 205	0,33

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer service for delivery times

On request for appropriate suitable quantities

Side flange bearing units UCFB/C HCFB/C



- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.
- **Solid flange bearings**
Closed surface structure, ideal for sanification.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes in stainless steel AISI 304.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes in stainless steel AISI 304.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes in stainless steel AISI 316.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient		Max. 1) axial load N	←		→ P	
	C N	stat. Co N		PA FV N	PP FV N	PA FV N	PP FV N
20	12700	6550	2540	3000	1700	1000	650
25	14000	7800	2800	3500	2000	1000	650
30	19500	11200	3900	3500	2000	1000	650
35	25500	15300	5100	4000	2500	1000	650
40	30700	19000	6140	5200	3000	1000	650

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Continuous operating temperature

in air : - 20 to + 60°C.

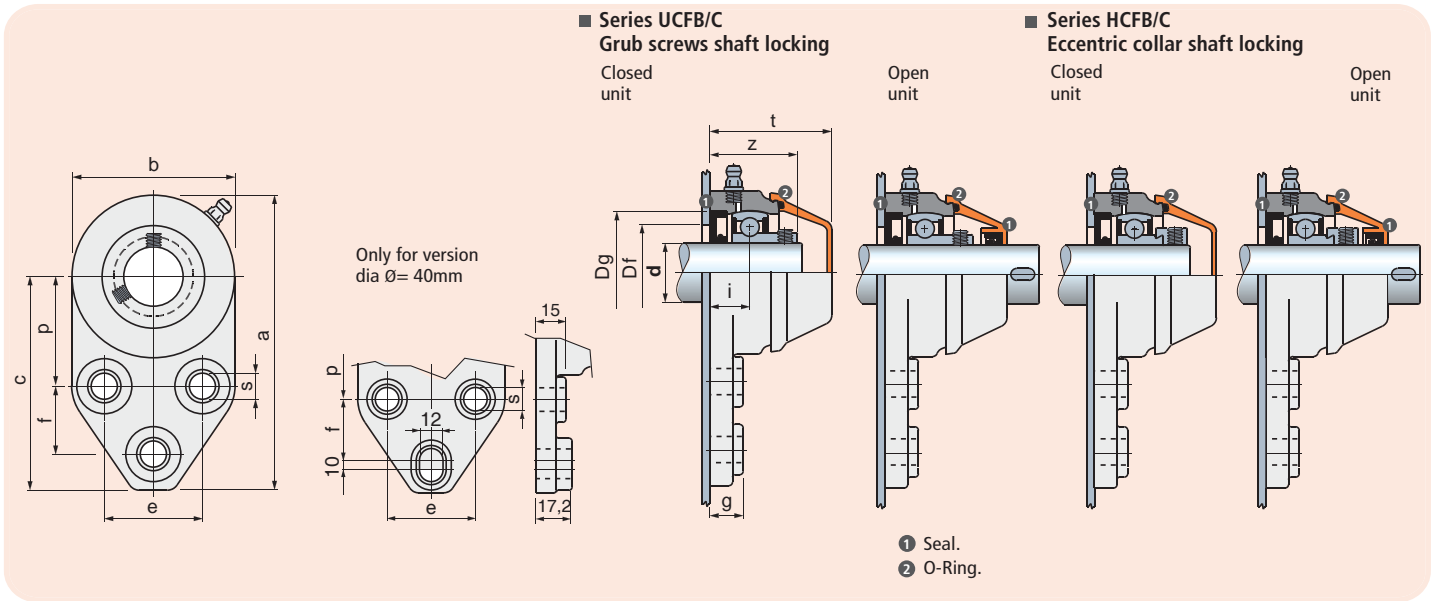
Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Supergriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

UCFB/C HCFB/C



dia. d mm	Series	Housing material			Dimensions in mm										Bore in frame ²⁾ Df		Weight Kg	Spare parts					
		Polyamide PA FV Solid Flange (black) Cover (orange)	Polyamide PA FV with Microban® Solid Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Solid Flange (white) Cover (red)	a	b	c	p	e	f	s	g	i	z	t	Dg max		min. Bearing	Cover orange	Cover Red Microban®			
		Code																				Code	
Grub screws shaft locking • Closed unit																							
20	UCFB 204 C	601133	601213	601373	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	34,7	49	47	45	40	YAT 204	0,26	681942	681982	
25	UCFB 205 C	656542	663312	677832	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	37,3	52	52	50	45	YAT 205	0,32	681952	681992	
30	UCFB 206 C	656562	663322	677842	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	42,5	55	62	60	50	YAT 206	0,47	63154	653322	
35	UCFB 207 C	656582	663332	677852	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	45,7	59	72	70	55	YAT 207	0,64	682022	682042	
40	UCFB 208 C	601143	601223	601383	164	100	114	60	50	31	13	-	22	47,5	66,5	80	78	65	YAT 208	0,84	600882	653352	
Grub screws shaft locking • Open unit																							
20	UCFB 204 C	601153	601233	601393	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	34,7	49	47	45	40	YAT 204	0,26	681962	682002	
25	UCFB 205 C	656552	663342	677862	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	37,3	52	52	50	45	YAT 205	0,32	681972	682012	
30	UCFB 206 C	656572	663352	677872	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	42,5	55	62	60	50	YAT 206	0,47	69965	653442	
35	UCFB 207 C	656592	663362	677882	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	45,7	59	72	70	55	YAT 207	0,64	682032	682052	
40	UCFB 208 C	601163	601243	601403	164	100	114	60	50	31	13	-	22	47,5	66,5	80	78	65	YAT 208	0,84	600892	653472	
Eccentric collar shaft locking • Closed unit																							
20	HCFB 204 C	601173	601253	601413	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	40	49	47	45	40	YET 204	0,29	681942	681982	
25	HCFB 205 C	663252	663372	677892	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	41,3	57	52	50	45	YET 205	0,35	681952	681992	
30	HCFB 206 C	663262	663382	677902	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	46,7	60	62	60	50	YET 206	0,50	63154	653322	
35	HCFB 207 C	663272	663392	677912	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	49	64,5	72	70	55	YET 207	0,67	682022	682042	
40	HCFB 208 C	601183	601263	601423	164	100	114	60	50	31	13	-	22	55	72	80	78	65	YET 208	0,92	600882	653352	
Eccentric collar shaft locking • Open unit																							
20	HCFB 204 C	601193	601273	601433	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	40	49	47	45	40	YET 204	0,29	681962	682002	
25	HCFB 205 C	663282	663402	677922	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	41,3	57	52	50	45	YET 205	0,35	681972	682012	
30	HCFB 206 C	663292	663412	677932	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	46,7	60	62	60	50	YET 206	0,50	69965	653442	
35	HCFB 207 C	663302	663422	677942	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	49	64,5	72	70	55	YET 207	0,67	682032	682052	
40	HCFB 208 C	601203	601283	601443	164	100	114	60	50	31	13	-	22	55	72	80	78	65	YET 208	0,92	600892	653472	

2) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.
Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

■ On stock

■ Please, contact our customer
service for delivery times

■ On request for appropriate
suitable quantities

Side flange bearing units

UCFB-HCFB



Accessories



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes in stainless steel AISI 304.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Bearing in stainless steel AISI 420 • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes in stainless steel AISI 304.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Bearing in stainless steel AISI 420 • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°

Bearing

Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Series YET (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit) • Prelubricated with lithium/ calcium grease • Can be relubricated

Grub screws or eccentric collar shaft locking

Version with bearing YAR 2F

The double ring guarantees maximum protection against dust and non-corrosive substances.

Version with stainless steel bearing YAR 2RF

AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.

Version with bearing YAT

The rubberised ring guarantees maximum protection against dusts.

Supports with Microban® antibacterial protection

Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

Material

Polyamide PA FV guarantees maximum strength and high-temperature resistance.

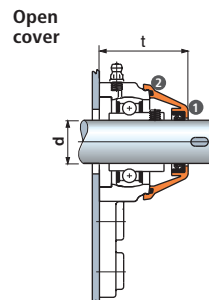
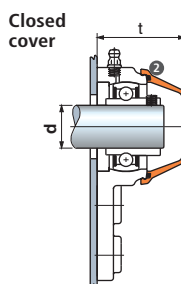
Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.

Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT - YET			Bearing load YAR 2RF			Bearing unit max. static load			
	Load coefficient dyn. C 1)	stat. Co N	Max. axial load 1) N	Load coefficient dyn.1) C	stat. Co N	Max. axial load 1) N	PA FV N	PP FV N	PA FV N	PP FV N
20	12700	6550	2540	10800	6550	2160	3000	1700	1000	650
25	14000	7800	2800	11900	7800	2380	3500	2000	1000	650
30	19500	11200	3900	16250	11200	3250	3500	2000	1000	650
35	25500	15300	5100	21600	15300	4320	4000	2500	1000	650
40	30700	19000	6140	26000	19000	5200	5200	3000	1000	650

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0,77 values must be considered in all other cases.

Protection covers (accessories)

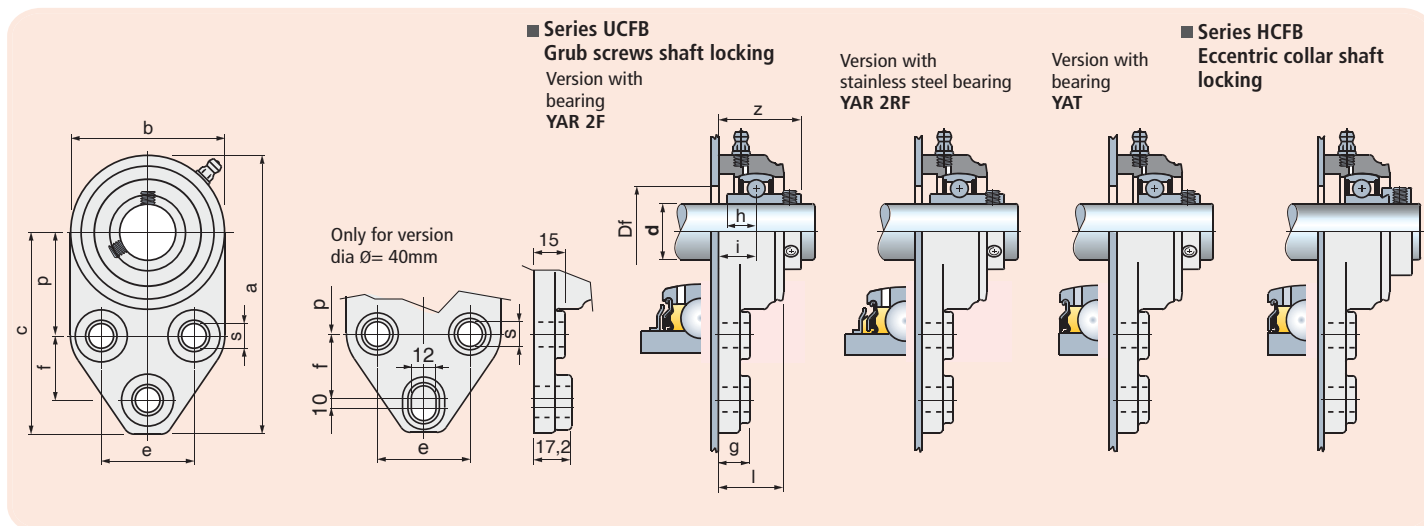


- 1 Seals
- 2 Seals O-Ring

Accessories

dia d mm	Cover orange	Abdichtkappe rot Microban®	t mm	UCFB	HCFB
	Code				
Closed cover supplied with seals					
20	681942	681982	49	49	
25	681952	681992	52	57	
30	63154	653322	55	60	
35	682022	682042	59	64,5	
40	600882	653352	66,5	72	
Open cover supplied with seals					
20	681962	682002	49	49	
25	681972	682012	52	57	
30	69965	653442	55	60	
35	682032	682052	59	64,5	
40	600892	653472	66,5	72	

UCFB-HCFB



dia. d mm	Series	Housing material			Dimensions in mm													Bore in frame Df mm	Bearing	Weight Kg
		Polyamide PA FV Solid Flange (black)	Polyamide PA FV with Microban® Solid Flange (grey)	Polypropylene PP FV with Microban® Solid Flange (white)	a	b	c	p	e	f	s	g	i	h	l	z				
Grub screws shaft locking • Version with bearing YAR 2F																				
20	UCFB 204	601613	—	—	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	12,7	28,3	34,7	24	YAR 204 2F	0,26	
25	UCFB 205	663912	—	—	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	14,3	29	37,3	29	YAR 205 2F	0,33	
30	UCFB 206	663922	—	—	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	15,9	31,5	42,5	34	YAR 206 2F	0,50	
35	UCFB 207	663932	—	—	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	17,5	32	45,7	39	YAR 207 2F	0,72	
40	UCFB 208	601623	—	—	164	100	114	60	50	31	13	—	22	19	36	47,5	44	YAR 208 2F	0,84	
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																				
20	UCFB 204	601633	601653	601673	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	12,7	28,3	34,7	24	YAR 204 2RF	0,26	
25	UCFB 205	663942	665952	665982	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	14,3	29	37,3	29	YAR 205 2RF	0,33	
30	UCFB 206	663952	665962	665992	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	15,9	31,5	42,5	34	YAR 206 2RF	0,50	
35	UCFB 207	663962	665972	666002	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	17,5	32	45,7	39	YAR 207 2RF	0,72	
40	UCFB 208	601643	601653	601683	164	100	114	60	50	31	13	—	22	19	36	47,5	44	YAR 208 2RF	0,84	
Grub screws shaft locking • Version with bearing YAT																				
20	UCFB 204	601453	601493	601573	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	—	28,3	34,7	24	YAT 204	0,26	
25	UCFB 205	663672	663732	663852	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	—	29	37,3	29	YAT 205	0,30	
30	UCFB 206	663682	663742	663862	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	—	31,5	42,5	34	YAT 206	0,45	
35	UCFB 207	663692	663752	663872	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	—	32	45,7	39	YAT 207	0,62	
40	UCFB 208	601463	601503	601583	164	100	114	60	50	31	13	—	22	—	36	47,5	44	YAT 208	0,84	
Eccentric collar shaft locking																				
20	HCFB 204	601473	601513	601593	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	—	28,3	40	24	YET 204	0,29	
25	HCFB 205	663702	663762	663882	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	—	34	41,3	29	YET 205	0,33	
30	HCFB 206	663712	663772	663892	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	—	36,5	46,7	34	YET 206	0,48	
35	HCFB 207	663722	663782	663902	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	—	38	49	39	YET 207	0,65	
40	HCFB 208	601483	601523	601603	164	100	114	60	50	31	13	—	22	—	36	55	44	YET 208	0,92	

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

■ On stock

■ Please, contact our customer service for delivery times

■ On request for appropriate suitable quantities

Take-up bearing units

UCT/C-HCT/C



- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Threaded insert in nickel plated brass.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Threaded insert in nickel plated brass.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Threaded insert in nickel plated brass.

Continuous operating temperature

in air : - 20 to + 60°C.


Maximum allowed misalignment: 2°.

Bearing

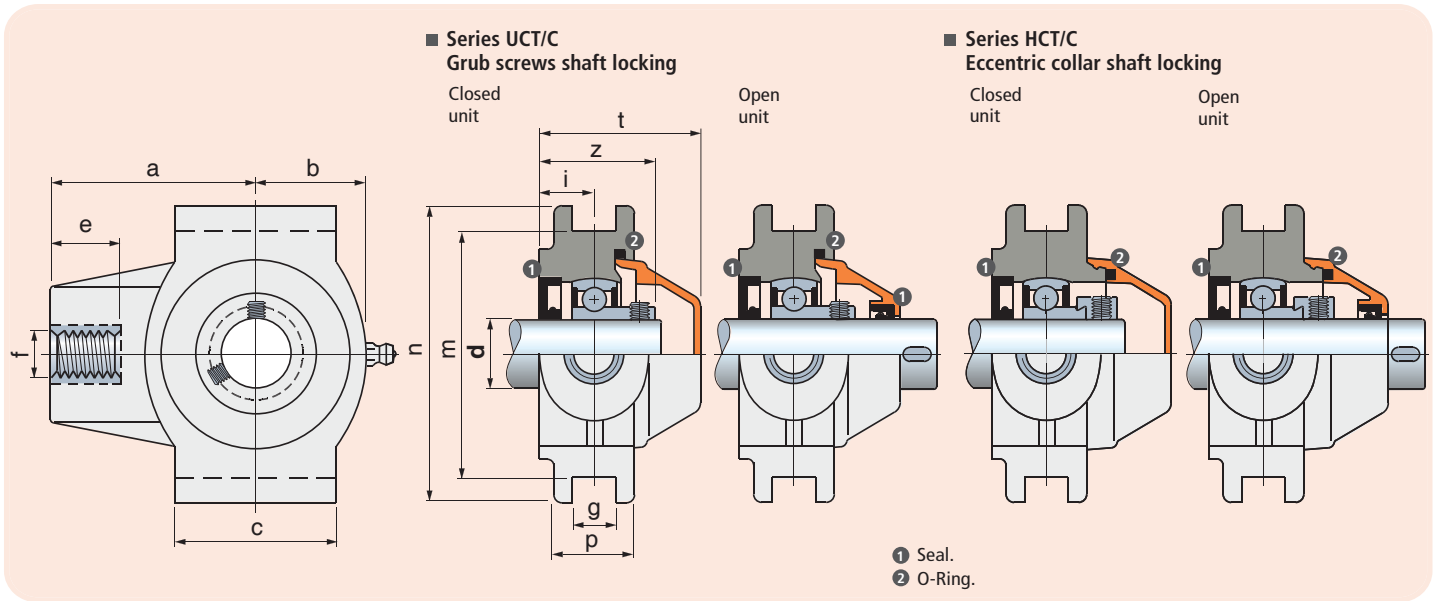


Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Pre-lubricated with lithium/ calcium grease • Can be relubricated

Loads

Shaft dia. d mm	Bearing load			 Bearing unit max. static load PA FV N
	Load coefficient dyn. ¹⁾ C N	stat. Co N	Max. ¹⁾ axial load N	
20	12700	6550	2540	16000
25	14000	7800	2800	24000
30	19500	11200	3900	27000

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0,77 values must be considered in all other cases.



dia. d mm	Series	Housing material			Dimensions in mm										Weight Kg	Spare parts				
		Polyamide PA FV Flange (black) Cover (orange)	Polyamide PA FV with Microban® Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Flange (white) Cover (red)	a	b	c	e	f	g	i	m	n	Bearing		Code	Code			
Grub screws shaft locking • Closed unit																				
20	UCT 204 C	666952	667072	677592	63,5	34	50	28	M 16	13,5	17	76,2	92	25	35,5	50	YAT 204	0,33	681862	681902
25	UCT 205 C	666962	667082	677602	68,5	39,5	50	28	M 20	13,5	17	76,2	92	25	37,5	52	YAT 205	0,39	681872	681912
30	UCT 206 C	666972	667092	677612	77	48	57	28	M 24	13,5	18,5	89	104	28	39,5	55	YAT 206	0,50	667812	667842
Grub screws shaft locking • Open unit																				
20	UCT 204 C	666982	667102	677622	63,5	34	50	28	M 16	13,5	17	76,2	92	25	35,5	50	YAT 204	0,33	681882	681922
25	UCT 205 C	666992	667112	677632	68,5	39,5	50	28	M 20	13,5	17	76,2	92	25	37,5	52	YAT 205	0,39	681892	681932
30	UCT 206 C	667002	667122	677642	77	48	57	28	M 24	13,5	18,5	89	104	28	39,5	55	YAT 206	0,50	667932	667962
Eccentric collar shaft locking • Closed unit																				
20	HCT 204 C	667012	667132	677652	63,5	34	50	28	M 16	13,5	17	76,2	92	25	42	57	YET 204	0,36	681942	681982
25	HCT 205 C	667022	667142	677662	68,5	39,5	50	28	M 20	13,5	17	76,2	92	25	43	58	YET 205	0,42	681952	681992
30	HCT 206 C	667032	667152	677672	77	48	57	28	M 24	13,5	18,5	89	104	28	47	62	YET 206	0,53	63154	653322
Eccentric collar shaft locking • Open unit																				
20	HCT 204 C	667042	667162	677682	63,5	34	50	28	M 16	13,5	17	76,2	92	25	42	57	YET 204	0,36	681962	682002
25	HCT 205 C	667052	667172	677692	68,5	39,5	50	28	M 20	13,5	17	76,2	92	25	43	58	YET 205	0,42	681972	682012
30	HCT 206 C	667062	667182	677702	77	48	57	28	M 24	13,5	18,5	89	104	28	47	62	YET 206	0,53	69965	653442

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

■ On stock

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service for delivery times

■ On request for appropriate
suitable quantities

Take-up bearing units

UCT-HCT



Accessories



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Threaded insert in nickel plated brass.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Bearing in stainless steel AISI 420 • Ball type nickel plated brass greasing nipple • Threaded insert in nickel plated brass.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Bearing in stainless steel AISI 420 • Ball type stainless steel AISI 316 greasing nipple • Threaded insert in nickel plated brass.

Continuous operating temperature

in air : - 20 to + 60°C.

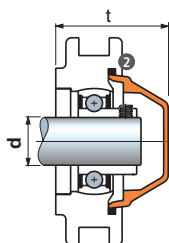
Maximum allowed misalignment: 2°.

Bearing

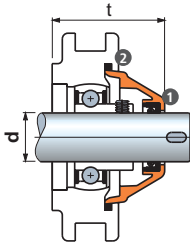
Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Series YET (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit) • Prelubricated with lithium/ calcium grease • Can be relubricated

Protection cover (accessories)

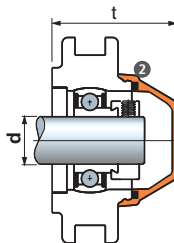
Series UCT
Closed cover



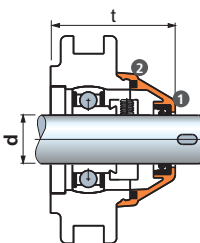
Series UCT
Open cover



Series HCT
Closed cover



Series HCT
Open cover



1 Seal
2 O-Ring

- **Grub screws or eccentric collar shaft locking**
- **Version with bearing YAR 2F**
The double ring guarantees maximum protection against dust and non-corrosive substances.
- **Version with stainless steel bearing YAR 2RF**
AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.
- **Version with bearing YAT**
The rubberised ring guarantees maximum protection against dusts.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.
- **Material**
Polyamide PA FV guarantees maximum strength and high-temperature resistance.
Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.

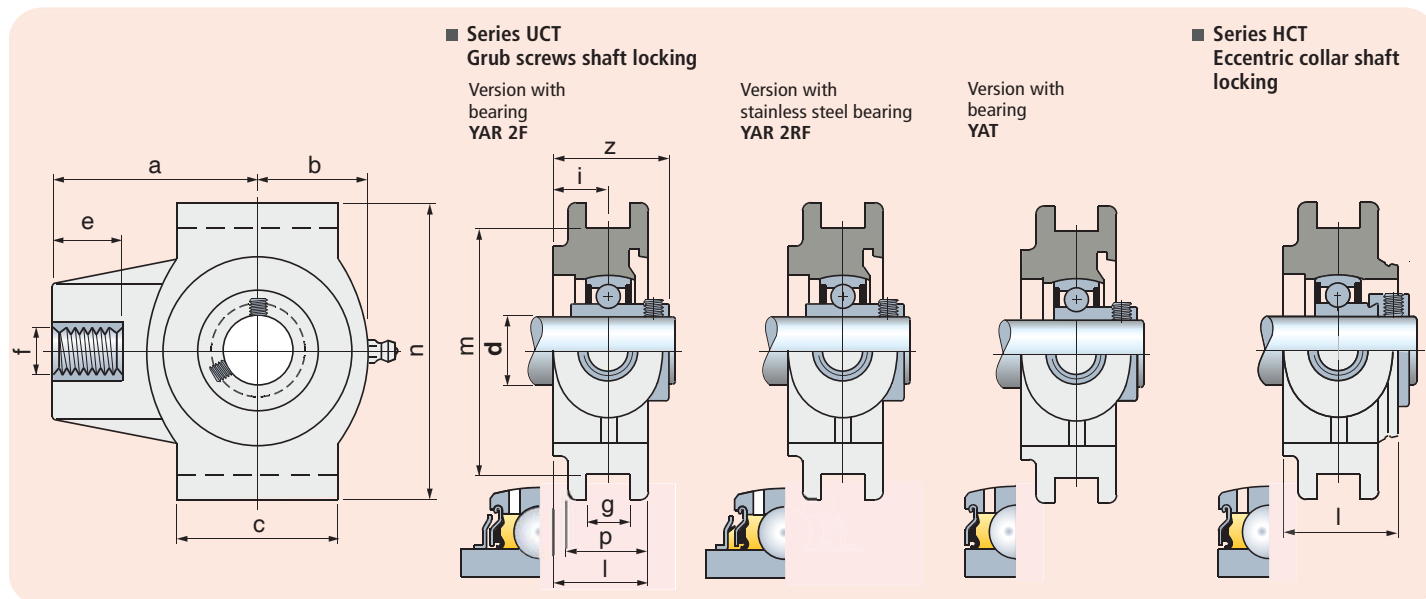
Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT - YET			Bearing load YAR 2RF			Bearing unit max. static load PA FV N
	Load coefficient dyn. 1) C N	stat. Co N	Max. 1) axial load N	Load coefficient dyn. 1) C N	stat. Co N	Max. 1) axial load N	
20	12700	6550	2540	10800	6550	2160	16000
25	14000	7800	2800	11900	7800	2380	24000
30	19500	11200	3900	16250	11200	3250	27000

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Accessories

dia. d mm	Cover orange	Cover red with Microban®	t mm UCT HCT
	Code		
Serie UCT Closed cover supplied with seals			
20	681862	681902	50 —
25	681872	681912	52 —
30	667812	667842	55 —
Serie UCT Open cover supplied with seals			
20	681882	681922	50 —
25	681892	681932	52 —
30	667932	667962	55 —
Serie HCT Closed cover supplied with seals			
20	681942	681982	— 57
25	681952	681992	— 58
30	63154	653322	— 62
Serie HCT Open cover supplied with seals			
20	681962	682002	— 57
25	681972	682012	— 58
30	69965	653442	— 62



dia. d mm	Series	Housing material			Dimensions in mm													Weight Kg
		Polyamide PA FV Flange (black)	Polyamide PA FV with Microban® Flange (grey)	Polypropylene PP FV with Microban® Flange (white)	a	b	c	e	f	g	i	l	m	n	p	z	Bearing	
Grub screws shaft locking • Version with bearing YAR 2F																		
20	UCT 204	667672	—	—	63,5	34	50	28	M 16	13,5	17	29,5	76,2	92	25	35,5	YAR 204 2F	0,31
25	UCT 205	667682	—	—	68,5	39,5	50	28	M 20	13,5	17	29,5	76,2	92	25	37,5	YAR 205 2F	0,37
30	UCT 206	667692	—	—	77	48	57	28	M 24	13,5	18,5	32,5	89	104	28	39,5	YAR 206 2F	0,48
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																		
20	UCT 204	667702	667732	667762	63,5	34	50	28	M 16	13,5	17	29,5	76,2	92	25	35,5	YAR 204 2RF	0,31
25	UCT 205	667712	667742	667772	68,5	39,5	50	28	M 20	13,5	17	29,5	76,2	92	25	37,5	YAR 205 2RF	0,37
30	UCT 206	667722	667752	667782	77	48	57	28	M 24	13,5	18,5	32,5	89	104	28	39,5	YAR 206 2RF	0,48
Grub screws shaft locking • Version with bearing YAT																		
20	UCT 204	667432	667462	667522	63,5	34	50	28	M 16	13,5	17	29,5	76,2	92	25	35,5	YAT 204	0,31
25	UCT 205	667442	667472	667532	68,5	39,5	50	28	M 20	13,5	17	29,5	76,2	92	25	37,5	YAT 205	0,37
30	UCT 206	667452	667482	667542	77	48	57	28	M 24	13,5	18,5	32,5	89	104	28	39,5	YAT 206	0,48
Eccentric collar shaft locking																		
20	HCT 204	667552	667582	667642	63,5	34	50	28	M 16	13,5	17	35,5	76,2	92	25	40,5	YET 204	0,34
25	HCT 205	667562	667592	667652	68,5	39,5	50	28	M 20	13,5	17	35,5	76,2	92	25	41	YET 205	0,40
30	HCT 206	667572	667602	667662	77	48	57	28	M 24	13,5	18,5	38,5	89	104	28	45,2	YET 206	0,51

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer service for delivery times

On request for appropriate suitable quantities

Round flange bearing units

UCFC/C



- **Waterproof housing**
- **Grub screws shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PPFV polypropylene housing

Housing in reinforced polypropylene PPFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient C N	stat. Co N	Max. ¹⁾ axial load N	PA FV N	PP FV N	PA FV N	PP FV N
35	25500	15300	5100	19550	12650	23000	11500

1) = Values are valid for applications with $\leq h$ 6 shaft tolerance. Time 0,77 values must be considered in all other cases.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



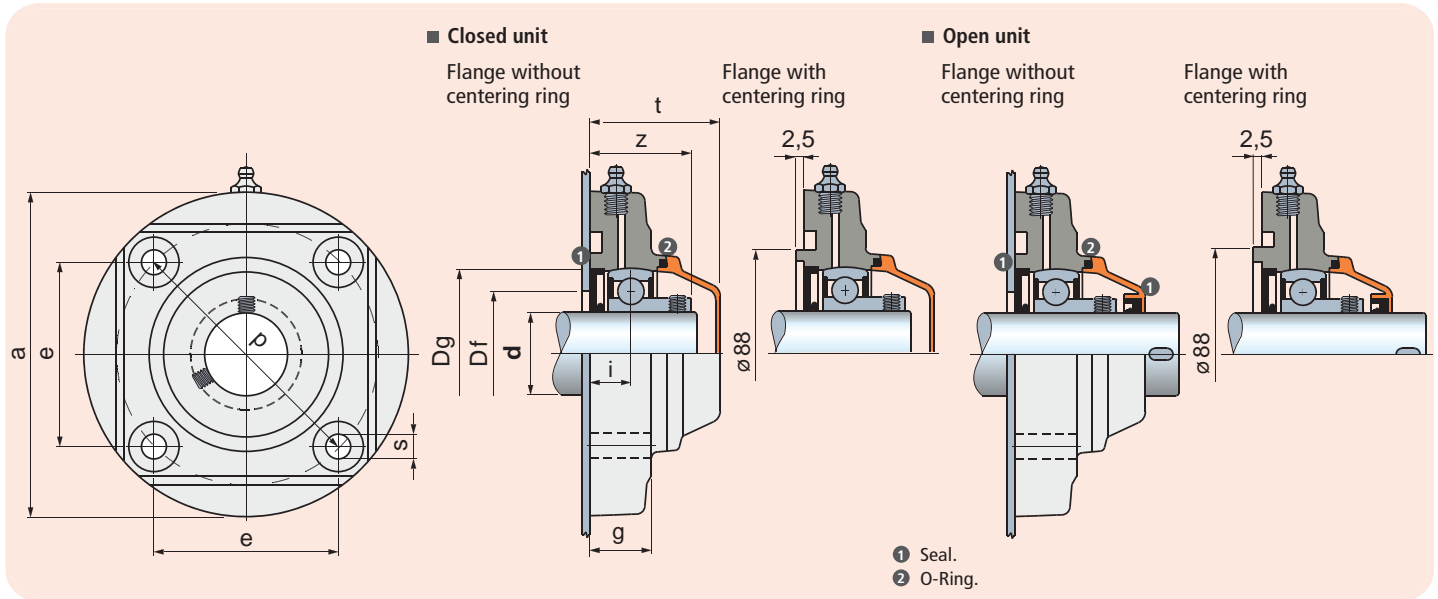
- Series YAT (grub screws shaft locking) • Chrome alloy steel
- Superagriseal unit • Prelubricated with lithium/ calcium grease
- Can be relubricated

Quick coupler for remote lubrication (accessory)



Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.



dia. d mm	Flange	Series	Housing material		Dimensions in mm										Bore in frame ²⁾ Df		Weight Kg	Spare parts
			Polyamide PA FV Standard Flange (black) Cover (orange)	Polypropylene PP FV Standard Flange (black) Cover (orange)	e	a	p	s	g	i	z	t	Dg	max.	min.	Bearing		Code
Closed unit																		
35	Without centering ring	UCFC 207 C	683921	681802	77,8	137	110	11	26	17,3	42,7	55	72	70	55	YAT 207	0,75	603772
	With centering ring	UCFC 207 C	624772	—	77,8	137	110	11	26	17,3	42,7	55	72	—	—	YAT 207	0,75	603772
Open unit																		
35	Without centering ring	UCFC 207 C	683931	681812	77,8	137	110	11	26	17,3	42,7	55	72	70	55	YAT 207	0,75	603792
	With centering ring	UCFC 207 C	624782	—	77,8	137	110	11	26	17,3	42,7	55	72	—	—	YAT 207	0,75	603792

2) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.
Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

On request for appropriate
suitable quantities

Round flange bearing units

UCFC



Accessories

- **Grub screws shaft locking**
- **Version with bearing YAR 2F**
The double ring guarantees maximum protection against dust and non-corrosive substances.
- **Version with stainless steel bearing YAR 2RF**
AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.
- **Version with bearing YAT**
The rubberised ring guarantees maximum protection against dusts.
- **Material**
Polyamide PA FV guarantees maximum strength and high-temperature resistance.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing

Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Prelubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)



Code : 67843.

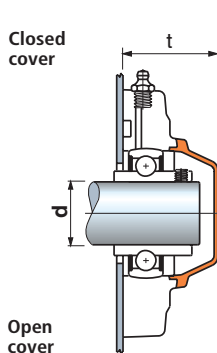
The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT			Bearing load YAR 2RF			Bearing unit max. static load	
	Load coefficient dyn. ¹⁾ C N	stat. Co N	Max axial load N	Load coefficient dyn. ¹⁾ C N	stat. Co N	Max axial load N	PA FV N	PA FV N
35	25500	15300	5100	21600	15300	4320	19550	23000

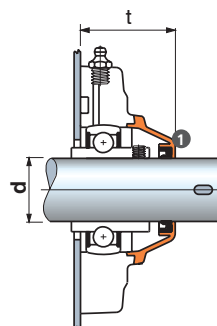
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0,77 values must be considered in all other cases.

Protection covers (accessories)

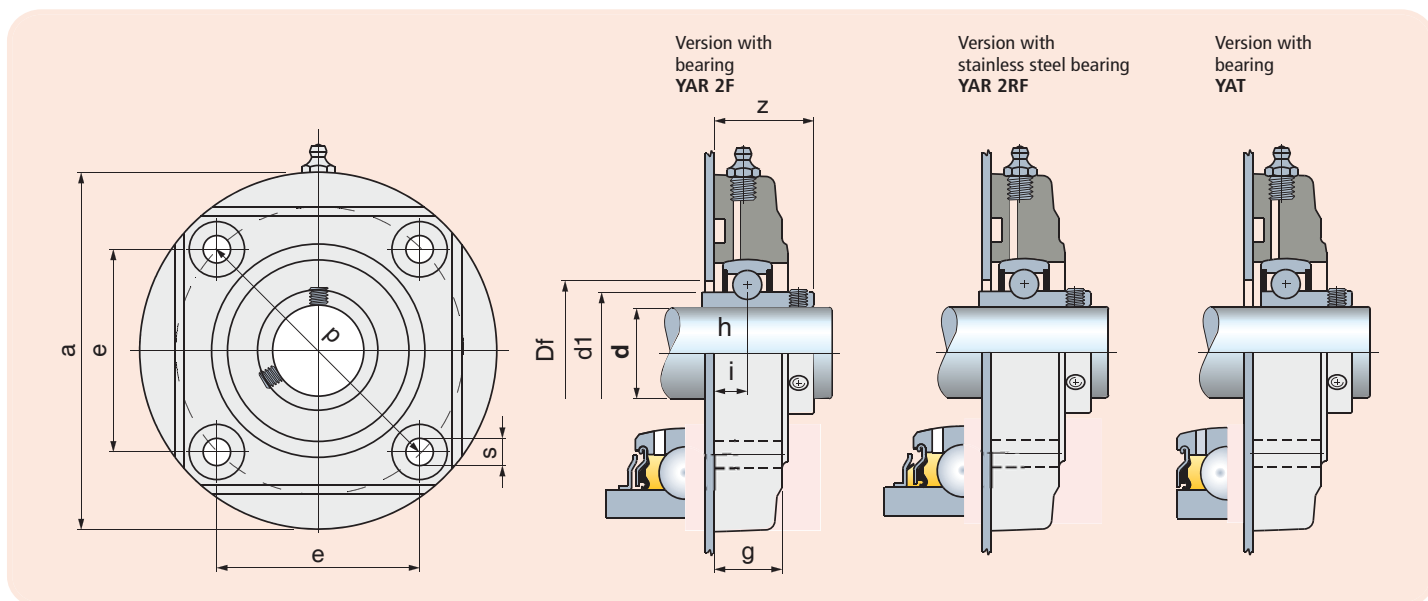


Accessories

dia. d mm	Cover orange Code	t mm
Closed cover supplied without seals		
35	63232	50
Open cover supplied with seals		
35	604042	50



1 Seals



dia. d mm	Series	Housing material	e	a	p	Dimensions in mm				h	z	d1	Bore in frame Df mm	Bearing	Weight Kg
		Polyamide PA FV Standard Flange (black)				Code	s	g	i						
Version with bearing YAR 2F															
35	UCFC 207	60752	77,8	137	110	11	26	12,3	17,5	37,7	46,1	50	YAR 207 2F	0,75	
Version with stainless steel bearing YAR 2RF															
35	UCFC 207	646652	77,8	137	110	11	26	12,3	17,5	37,7	46,1	50	YAR 207 2RF	0,75	
Version with bearing YAT															
35	UCFC 207	681822	77,8	137	110	11	26	12,3	17,5	37,7	46,1	50	YAT 207	0,75	

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer service for delivery times

Round flange bearing units

FC



- **Waterproof housing**
- **Shaft shoulders locking**
High axial load capacity.
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents.
Inferior loading ability.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304 .

PPFV polypropylene housing

Housing in reinforced polypropylene PPFV resin (black) • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series 1200 self aligning ball bearing • Chrome alloy steel • Supplied without grease • To be prelubricated with lithium/calcium grease during first installation.

Quick coupler for remote lubrication (accessories)

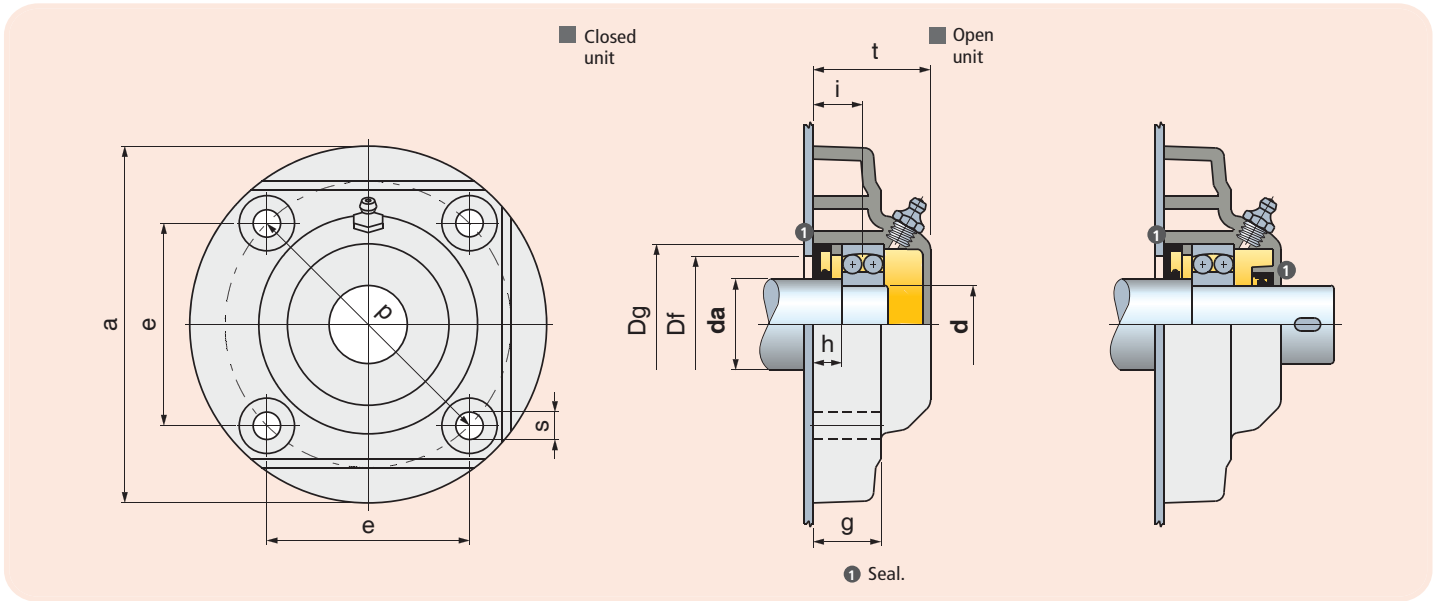


Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Loads

Shaft dia. da mm	Bearing dia. d mm	Bearing load		Bearing unit max. static load				
		Load coefficient						
		dyn. C N	stat. Co N	PA FV N	PA FV N	PA FV N	PA FV N	PA FV N
35	30	15600	4650	17250	11500	17250	23000	12650



Shaft dia. da mm	Bearing dia. d mm	Series	Housing material		Dimensions in mm										Bore in frame ²⁾ Df		Bearing	Weight Kg
			Polyamide PA FV Standard Flange (black)	Polypropylene PP FV Standard Flange (black)	e	a	p	s	g	i	h	t	Dg	max.	min.			
Closed unit																		
35	30	FC 1206	65801	681842	77,8	137	110	11	26	19	11	45	62	60	52	1206	0,57	
Open unit																		
35	30	FC 1206	65891	681852	77,8	137	110	11	26	19	11	45	62	60	52	1206	0,57	

2) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.
Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

On request for appropriate
suitable quantities

Round flange bearing units

SBF



- **Stainless steel AISI 304 flange**
- **Stainless steel bearing YAR 2RF**
AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents.
- **Load capacity**
The pressed steel flanged support is suitable for light duties.

■ Material

Pressed stainless steel AISI 304 flanges.

■ Continuous operating temperature

in air : - 20 to + 60°C.

■ Maximum allowed misalignment: 5°.

■ Bearing

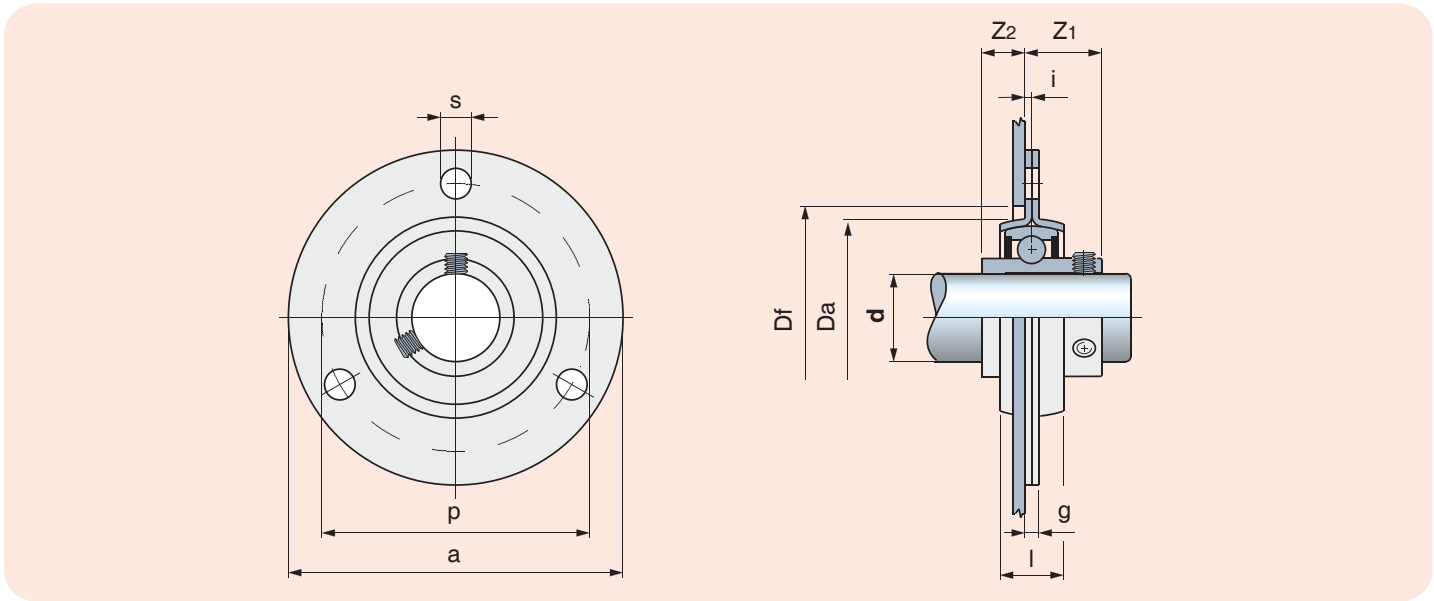


Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Prelubricated with lithium/ calcium grease • Can be relubricated.

■ Loads

Shaft dia. d mm	Bearing load	
	Load coefficient	
	dyn. ¹⁾ C N	stat. Co N
25	11900	7800

1) = Values are valid for applications with $\leq h 6$ shaft tolerance. Time 0,77 values must be considered in all other cases.



dia. d mm	Series	Housing material		Dimensions in mm							Z1	Z2	Da	Bore in frame Df mm	Bearing	Weight Kg
		Stainless steel AISI 304	Code	p	a	s	g	i	l							
25	SBF 205	604562	76	95	8,7	4	2	18	21,8	12,3	56	60	YAR 205 2RF	0,35		

Packaging : 4 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

■ On stock

Spare parts

UCF/C - UCF - UCFS/C - UCFL/C - UCFL - UCFLS/C - UCP/C - UCP



Seal



Ball type greasing nipple



dia. d mm	Housing material		
	Polyamide PA FV Standard Flange (black)	Polyamide PA FV with Microban® Solid Flange (grey)	Polypropylene PP FV with Microban® Solid Flange (white)
	Code		
Seal			
17	696152	696152	696152
20	632151	632151	632151
25	608941	608941	608941
30	68416	68416	68416
35	641111	641111	641111
40	632141	632141	632141
40*	603622	603622	603622
45*	686852	686852	686832
50*	686862	686862	686842
Ball type greasing nipple			
	64437	64437	63617

* = Version with special fixing holes.
 - Material : seal in NBR rubber (black). Ball type nickel plated brass greasing nipple for PA FV version, ball type stainless steel AISI 316 for PP FV version.

F - FL - FC



Seal



Ball type greasing nipple



dia. da mm	Housing material	
	Polyamide PA FV Standard Flange (black)	Polypropylene PP FV Standard Flange (black)
	Code	
Seal		
25	603642	603642
30	603662	603662
35	603682	603682
40	603702	603702
45	603722	603722
45*	603742	603742
Ball type greasing nipple		
	64437	63617

* = Version with special fixing holes.
 - Material : seal in NBR rubber (black). Ball type nickel plated brass greasing nipple for PA FV version, ball type stainless steel AISI 316 for PP FV version.

UCPA/C - UCPA - UCFB/C - UCFB - UCT/C - UCT



Seal



Ball type greasing nipple



dia. d mm	Housing material		
	Polyamide PA FV Standard Flange (black)	Polyamide PA FV with Microban® Solid Flange (grey)	Polypropylene PP FV with Microban® Solid Flange (white)
	Code		
Seal			
17	696152	696152	696152
20	632151	632151	632151
25	608941	608941	608941
30	68416	68416	68416
35	641111	641111	641111
40	632141	632141	632141
Ball type greasing nipple			
	665422	665422	665432

- Material : seal in NBR rubber (black). Ball type nickel plated brass greasing nipple for PA FV version, ball type stainless steel AISI 316 for PP FV version.

1) Bearings

- Bearings with grub screw locking system B52
- Bearings with self locking eccentric collar B52
- Seals B53
- Maximum velocities B53
- Axial load capacities B53
- Self aligning ball bearings, holding by shoulders on shaft B53

2) Calculation data

- Definition of bearing dimensions B54
- Calculation method for self-aligning bearings B54
- Life B54
- Life expectation calculation B54
- Equivalent dynamic load calculation B55
- Static load capacity control B56
- Equivalent static load calculation B56

3) Lubrication

- Prelubrication B57
- Lubrication grease B57
- Relubrication B57
- Relubrication intervals B57

4) Grease life in bearings lubricated for life

- Formula to calculate grease life B58
- Diagram 1 grease nominal life B58
- Diagram 2 correction factor B59
- Example of calculation B59

5) Shaft tolerances

- Shaft tolerances for bearings with grub screws or eccentric collar locking system B60
- Shaft tolerances for bearings with shoulders type holding system B60

6) Mounting

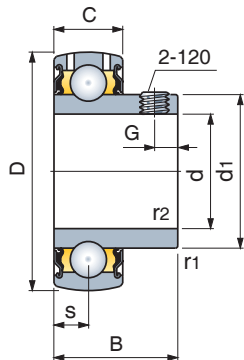
- Mounting recommendations B61
- Bearing locking by grub screws B61
- Bearing locking by eccentric collar B61
- Installation/removal of covers B61

Bearings

■ Bearings with grub screw locking system

Prelubricated with long lasting lithium/calcium grease • Can be rilubricated

Series YAT

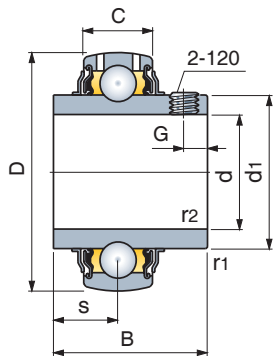


d mm	Bearing type	Dimensions in mm							r ₁ , r ₂ min.	Grub screws	Load coefficient		Weight Kg
		d1	D	B	C	s	G	dyn. C N			stat. Co N		
17	YAT 203	24,2	40	22,1	12	6,2	4	0,3	M6x0,75	9500	4750	0,07	
20	YAT 204	28,2	47	25,5	14	7,2	4,5	0,6	M6x0,75	12700	6550	0,11	
25	YAT 205	33,7	52	27,2	15	7,7	5	0,6	M6x0,75	14000	7800	0,14	
30	YAT 206	39,7	62	30,2	18	9,2	5	0,6	M6x0,75	19500	11200	0,23	
35	YAT 207	46,1	72	33	19	9,7	6	1	M6x0,75	25500	15300	0,31	
40	YAT 208	51,8	80	36	21	10,7	8	1	M6x0,75	30700	19000	0,43	
45	YAT 209	56,8	85	37	22	11,2	7	1	M6x0,75	33200	21600	0,48	
50	YAT 210	62,5	90	38,8	22	11,2	8	1	M8x1	35100	23200	0,54	

Chrome alloy steel.

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Series YAR 2F

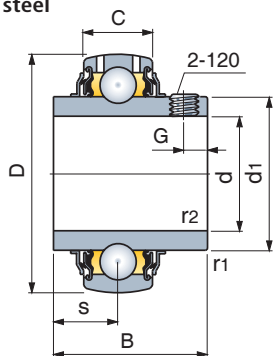


d mm	Bearing type	Dimensions in mm							r ₁ , r ₂ min.	Grub screws	Load coefficient		Weight Kg
		d1	D	B	C	s	G	dyn. C N			stat. Co N		
17	YAR 203 2F	24,2	40	27,4	12	11,5	3,5	0,3	M6x0,75	9500	4750	0,09	
20	YAR 204 2F	28,2	47	31	14	12,7	4,5	0,6	M6x0,75	12700	6550	0,14	
25	YAR 205 2F	33,7	52	34,1	15	14,3	5	0,6	M6x0,75	14000	7800	0,17	
30	YAR 206 2F	39,7	62	38,1	18	15,9	5	0,6	M6x0,75	19500	11200	0,28	
35	YAR 207 2F	46,1	72	42,9	19	17,5	6	1	M6x0,75	25500	15300	0,41	
40	YAR 208 2F	51,8	80	49,2	21	19	8	1	M8x1	30700	19000	0,55	
45	YAR 209 2F	56,8	85	49,2	22	19	8	1	M8x1	33200	21600	0,60	
50	YAR 210 2F	62,5	90	51,6	22	19	9	1	M10x1	35100	23200	0,69	

Chrome alloy steel.

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Series YAR 2RF stainless steel



d mm	Bearing type	Dimensions in mm							r ₁ , r ₂ min.	Grub screws	Load coefficient		Weight Kg
		d1	D	B	C	s	G	dyn. C N			stat. Co N		
20	YAR 204 2RF	28,2	47	31	14	12,7	4,5	0,6	M6x0,75	10800	6550	0,14	
25	YAR 205 2RF	33,7	52	34,1	15	14,3	5	0,6	M6x0,75	11900	7800	0,18	
30	YAR 206 2RF	39,7	62	38,1	18	15,9	5	0,6	M6x0,75	16250	11200	0,29	
35	YAR 207 2RF	46,1	72	42,9	19	17,5	6	1	M6x0,75	21600	15300	0,42	
40	YAR 208 2RF	51,8	80	49,2	21	19	8	1	M8x1	26000	19000	0,56	

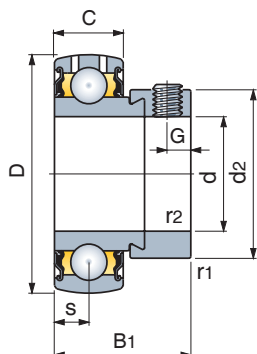
Stainless steel AISI 420.

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

■ Bearings with self locking eccentric collar

Prelubricated with long lasting lithium/calcium grease • Can be rilubricated • Higher resistance to vibrations • Suitable for single directional travel (cannot reverse the sense of rotation) • Locking of the bearing is achieved by rotating the eccentric collar. The grub screw holds the collar and avoids rotation

Series YET



d mm	Bearing type	Dimensions in mm							r ₁ , r ₂ min.	Grub screws	Load coefficient		Weight Kg
		d2	D	B1	C	s	G	dyn. C N			stat. Co N		
17	YET 203	28,6	40	28,6	12	6,5	4,75	0,3	M6x0,75	9500	4750	0,10	
20	YET 204	33	47	31	14	7,5	5	0,6	M6x0,75	12700	6550	0,16	
25	YET 205	37,4	52	31	15	7,5	5	0,6	M6x0,75	14000	7800	0,18	
30	YET 206	44,2	62	35,7	18	9,0	6	0,6	M8x1	19500	11200	0,30	
35	YET 207	55,6	72	38,9	19	9,5	7	1	M10x1,25	25500	15300	0,49	
40	YET 208	60,3	80	43,7	21	11	7	1	M10x1,25	30700	19000	0,62	
45	YET 209	63,5	85	43,7	22	11	6,75	1	M10x1	33200	21600	0,65	
50	YET 210	67,5	90	43,7	22	11	6,75	1	M10x1	35100	23200	0,70	

Chrome alloy steel.

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Bearings

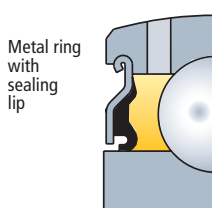
Seals

Series YAT - YET. The system consists of a metallic ring fitted with a low friction rubber sealing lip.

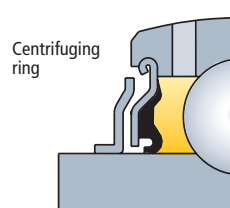
Series YAR 2F. The system is further equipped with a metallic protection ring providing a centrifugal sealing action.

Series YAR 2RF inox. The upper lip of the centrifuging ring together with the grease trapped between the base seal and the ring it self guarantees maximum sealing capacity.

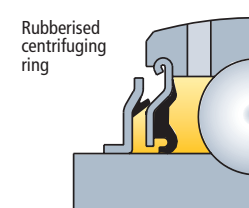
Series YAT- YET



Series YAR 2F



Series YAR 2RF inox



Maximum velocities

The table indicates the values for YAT, YET, YAR 2F series bearings • Stainless steel bearings of the YAR 2RF series (rubberised centrifuging ring) must not be operated at velocities in excess of 60% of the values indicated • The maximum velocity is dependant of the shaft tolerances. Higher tolerances require lower speed

Int. dia. bearing d mm	Shaft tolerance				
	h6	h7	h8	h9	h11
	Speed (RPM)				
17	9500	6000	4300	1500	950
20	8500	5300	3800	1300	850
25	7000	4500	3200	1000	700
30	6300	4000	2800	900	630
35	5300	3400	2200	750	530
40	4800	3000	1900	670	480
45	4300	2600	1700	600	430
50	4000	2400	1600	560	400

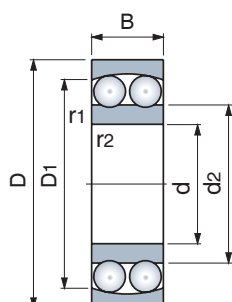
Axial load capacities

The bearing locking systems by grub screws/eccentric collars, allow axial loads up to 20% of the dynamic load coefficient (only with non hardened shafts and grub screws tightened as recommended) • For bearings of the YAT, YET, YAR 2F, YAR 2RF, series it is not recommended to exceed the value of: **0,25•C**

Self aligning ball bearing holding by shoulders on shaft

The bearings have double row of balls running on a spherical outer race This configuration renders the bearing self aligning • The bearings are supplied without sealing units • They are held into position by shoulders on the shaft

Series 1200



d mm	Bearing type	Dimensions in mm					r ₁ , r ₂ min.	Load coefficient		Revolutions RPM	Weight Kg
		D	B	d ₂	D ₁	dyn. C N		stat. Co N			
20	1204	47	14	28,9	41	1	12700	3400	15000	0,12	
25	1205	52	15	33,3	45,6	1	14300	4000	13000	0,14	
30	1206	62	16	40,1	53	1	15600	4650	10000	0,22	
35	1207	72	17	47	62,3	1,1	19000	6000	9000	0,32	
40	1208	80	18	53,6	68,8	1,1	19900	6950	8500	0,42	

Calculation data

■ Bearing dimensioning

The bearing dimensions, for a given application, should be chosen on the basis of the loads to be supported, expected service life and reliability. In most cases the reason for choosing a bearing is the fact that the shaft has already been sized during the design of the plant.

■ Calculation procedures for self-aligning bearings

The calculation procedure for self-aligning bearings consists in ensuring a satisfactory operating life of the unit:

- 1) - The nominal service life is calculated using the formulas indicated below, keeping in mind the type of stress on the bearing (dynamic or static).
- 2) - The nominal life of the bearing should reflect the expected service life of the plant as indicated in Table 1 hereunder.

■ Service life

The dimensioning of the bearing requires the knowledge of the appropriate life expectancy of the project in relation to the specific application. This depends on the type of plant, daily/yearly working hours and on the required reliability. In the absence of practical experience Table 1 gives our recommendations of the average expected plant life under various conditions.

Table 1 - Recommended plant expected life L_{10h} for MB support bearings

Plant type	Plant expected life L_{10h} hours
Seasonal Operation plants	4000 ÷ 8000
Daily operated plant, 8 hours/day, not completely utilised	10000 ÷ 20000
Daily operated plant, 8 hours/day, completely utilised	20000 ÷ 30000
Daily operated plant, 24 hours/day	40000 ÷ 80000

Dynamically stressed bearings

Bearings which rotate under load are considered dynamically stressed (one ring of the bearing makes one full rotation against the other). In most cases, self-aligning supports are dynamically stressed.

■ Expected life calculation formula

The service life of a bearing is expressed in the number of revolutions or hours of operations which can be expected without breakdown (erosion or laminations of the bearing revolving parts).

The calculating procedure for nominal duration is valid whatever the type of bearing.

$$L_{10} = \left(\frac{C}{P}\right)^3 \quad \text{Life in Millions revolutions}$$

When bearings rotate at constant speed it is more practical to calculate the life in number of hours

$$L_{10h} = \frac{16666}{n} \cdot \left(\frac{C}{P}\right)^3 \quad \text{Life in hours}$$

L_{10} = life in millions of revolutions.

L_{10h} = life in hours.

C = dynamic load coefficient (N). Values are indicated in the support dimensional tables.

P = equivalent dynamic load (N). See calculation formula on Table 2.

n = revolutions (RPM).

■ Correct expected life

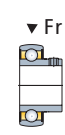
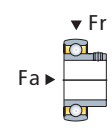
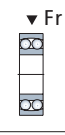
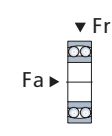
In the majority of cases, for self aligning MB bearings, it is sufficient to calculate L_{10} , L_{10h} using the formula indicated above. The new theory of life calculation permits to establish the correct life expectancy keeping into consideration the effects of lubrication, pollution of solid particles and of the fatigue limit load P_u (values are reported in the bearing tables).

The calculation of the correct expected life requires therefore the assistance of the technical commercial staff.

Calculation data

Equivalent dynamic load P calculation

Table 2 - Equivalent dynamic load P calculation

Bearing type	Load direction on the bearing	Equivalent dynamic load P (N) calculation formula
YAT YET YAR 2F YAR 2RF		$P = Fr$
		$P = X \cdot Fr + Y \cdot Fa$
1200		$P = Fr$
		$P = Fr + Y_1 \cdot Fa$ with $\frac{Fa}{Fr} \leq e_1$ $P = 0,65 \cdot Fr + Y_2 \cdot Fa$ with $\frac{Fa}{Fr} > e_1$

P = equivalent dynamic load (N).
Fr = radial load acting on the bearing (N).
Fa = axial load acting on the bearing (N).
x, Y = load factors. See Table 3.
e1, Y1, Y2 = factors. See Table 4.

Table 3 - Load factors x, y

Ratio $\frac{Fa}{Co}$	e	With: $\frac{Fa}{Fr} \leq e$		With: $\frac{Fa}{Fr} > e$	
		x	y	x	y
0,025	0,22	1	0	0,56	2
0,04	0,24	1	0	0,56	1,8
0,07	0,27	1	0	0,56	1,6
0,13	0,31	1	0	0,56	1,4
0,25	0,37	1	0	0,56	1,2
0,5	0,44	1	0	0,56	1

Table 4 - Factors e1, Y1, Y2, Yo

Int. dia. bearing mm	e1	Y1	Y2	Yo
20	0,30	2,1	3,3	2,2
25	0,28	2,2	3,5	2,5
30	0,25	2,5	3,9	2,5
35	0,23	2,7	4,2	2,8
40	0,22	2,9	4,5	2,8

Co = Static load coefficient (N). The values are indicated in the support dimensional tables.

Operating conditions coefficients

It should be common practice to include operational factors when calculating bearing dimensions to allow for load variations which may happen during running of the plant. The coefficients given here under are indicative only and are based on actual operational experience.

With steady loads/light impacts: multiply the equivalent dynamic load P by: 1,2 ÷ 1,5
 With loads and medium impacts: multiply the equivalent dynamic load P by: 1,7 ÷ 2,0

Calculation data

■ Static load capacity control

Statically stressed bearings

- In rolling-contact bearing technology the condition of static load is considered to exist when:
- The bearing does not rotate and is subjected to permanent loads or intermittent ones (impacts).
 - The bearing is subjected to loads and slow oscillating movements.
 - The bearing rotates under load at a very low speed and for short periods.
 - The bearing rotates under load and must withstand strong impacts acting in the course of one revolution.

The static safety coefficient f_s must not exceed the recommended values given in Table 5 in order to obtain a satisfactory performance of the bearings. Coefficient f_s gives the safety margin against excessive permanent deformation of the revolving parts of the bearing.

$$f_s = \frac{C_o}{P_o}$$

f_s = static safety coefficient.

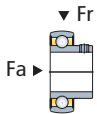
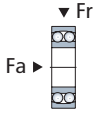
C_o = static load coefficient (N). The values are given in the support dimensional tables.

P_o = equivalent static load (N). See calculation formula given below.

Table 5 - Static safety coefficient f_s for MB bearings

Type of operation	Revolving bearings			
	Noise level not important	Normal noise level operation	nicht drehende Lager	Non revolving bearings
Smooth operation without vibration	0,5	1	2	0,4
Normal operation	0,5	1	2	0,5
Impact loads operation	$\geq 1,5$	$\geq 1,5$	≥ 2	≥ 1

■ Equivalent static load P_o calculation

Bearing type	Load direction on the bearing	Equivalent dynamic load P (N) calculation formula
YAT YET YAR 2F YAR 2RF		$P_o = 0,6 \cdot Fr + 0,5 \cdot Fa$ If $P_o < Fr$, then assume $P_o = Fr$.
1200		$P_o = Fr + Y_o \cdot Fa$

P_o = equivalent static load (N).

Fr = radial load on the bearing (N).

Fa = axial load on the bearing (N).

Y_o = see table 4, page B55.

Lubrication

■ Prelubrication

All self-aligning bearings are supplied factory lubricated.

Warning

The first lubrication must be carried out only for bearings of the series FL - F - FC held by the shaft shoulders.

■ Lubricating grease

Bearings are prelubricated with long lasting lithium/calcium grease.

Technical data	NLGI consistency :	2
	Emulsifier :	lithium/calcium
	Base oil :	mineral
	Base oil viscosity :	165 mm ² /s at 40°C
	Operating temperature :	- 20°C to +120°C
	Water resistance :	Recommended
	Antioxidant properties :	Recommended

■ Relubrication

All self-aligning bearing units are equipped with a grease nipple of the ball type to allow periodical relubrication of the bearing.

Warning

- Do not grease at first assembly.
- The first lubrication must be carried out only for bearings of the series FL - F - FC held by the shaft shoulders.
- Stainless steel pressed metal supports of the series SBF are not relubricatable.
- Use only grease of same characteristics as indicated.
- Clean greasing nipple before each greasing operation.
- Inject grease slowly until it comes out from the bearing. Keep the bearing rotating and do not apply excessive pressure which could damage the sealing units.
- More frequent greasing operations with smaller quantities of grease are to be preferred.

■ Relubrication intervals

Relubrication intervals vary according to actual operating conditions. Very often during operation, load, speed, temperature and ambient conditions (humidity, dust) may vary making it difficult to establish exact rules. Experience once again gives the best answer:

- Light operating conditions : relubricate every 6 months.
- Normal operating conditions : relubricate every 1 ÷ 3 months.
- Heavy operating conditions : relubricate every 2 weeks.

Grease life in bearings lubricated for life (dry use recommended)

■ Formula to calculate grease life in bearings lubricated for life

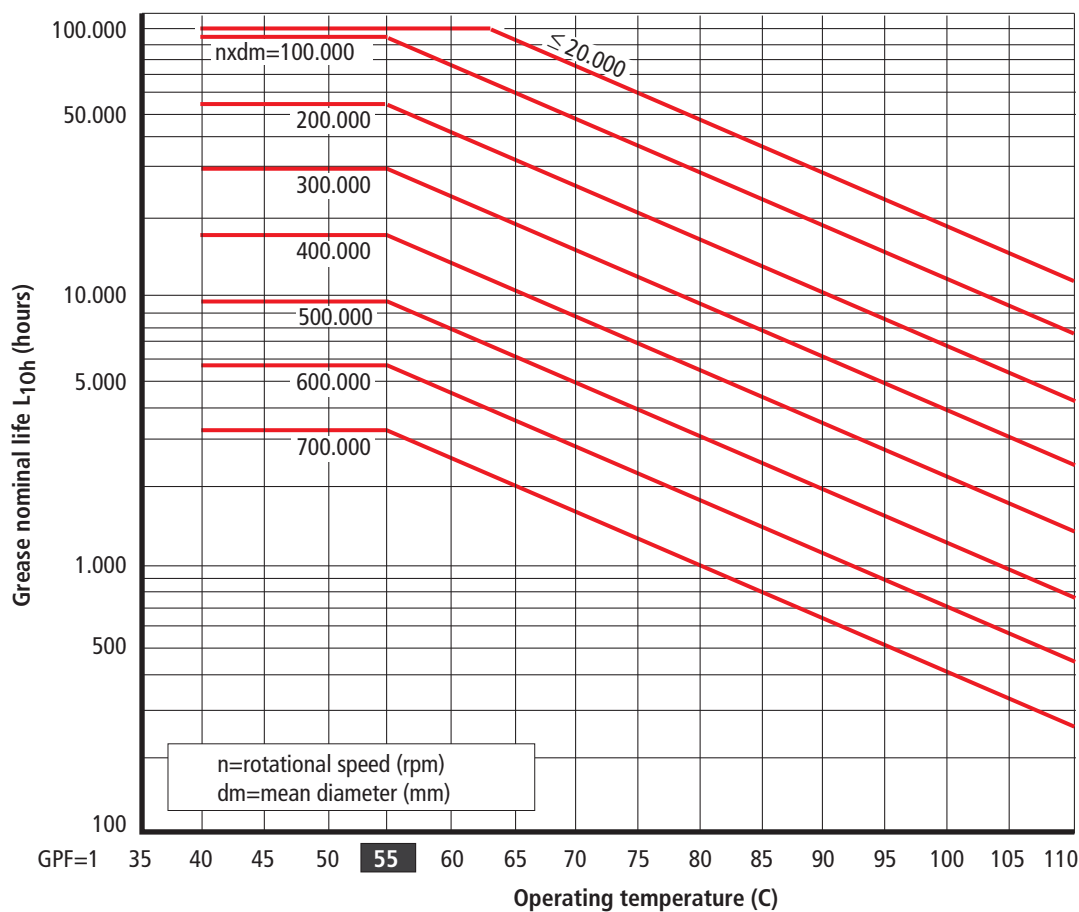
This procedure allows to calculate the grease life as a function of its quality and bearing type, dimension, rotating speed, applied loads and working temperature.

$$L_h = L_{10h} \times F_c \quad \text{Grease life (hours)}$$

- L_h = Grease life (hours).
- L_{10h} = Grease nominal life (hours). See Diagram 1.
- F_c = Correction factor. See Diagram 2.

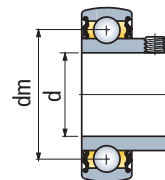
■ Diagram 1 - Grease nominal life L_{10h}

This diagram allows to determine the nominal grease life L_{10h} (hours), as a function of rotating speed n (rpm), mean diameter dm (mm), bearing working temperature (C). Greases are classified by a factor GPF (Grease Performance Factor), related to their temperature performance. In this table we consider a grease with GPF = 1, which is the grease used in all Marbett LifeLube bearings.

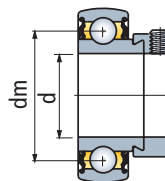


dm (mm) = mean diameter.

Series YAT



Series YET



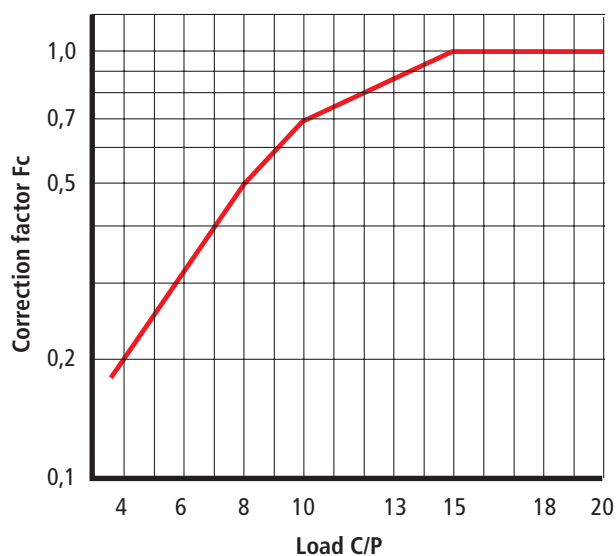
dia. d mm	dia. dm mm
17	28,5
20	33,5
25	38,5
30	46
35	53,5
40	60
45	65
50	70

55 = At room temperature, with normal working conditions, the grease works at a temperature lower than 55C.

Grease life in bearings lubricated for life (dry use recommended)

■ Diagram 2 - Correction factor F_c

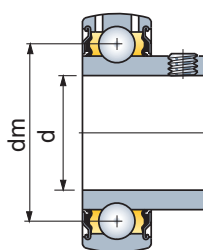
The corrective factor F_c , keeps into consideration the influence of load applied on bearings as a function of load ratio C/P . With low loads ($C/P \geq 15$) the duration of the grease is not influenced by load values.



C = Dynamic load coefficient (N). Values are indicated in the bearings dimensional tables.

P = Equivalent dynamic load (N). See Table 2 page B55

■ Example of calculation



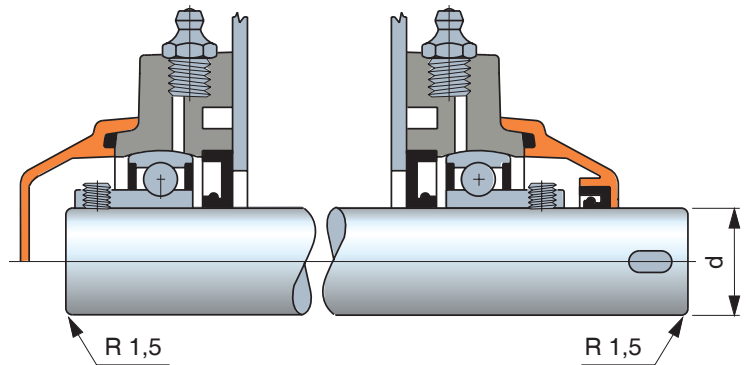
Data :

- Bearing type YAT 208.
- $d=40$ mm (shaft dia.).
- $dm = 60$ mm. (bearing mean dia.).
- $n=300$ rpm. (rotational speed).
- 55 C (grease operating temperature).
- $C=23600$ N (Dynamic load coefficient).
- $P = 3000$ N (equivalent dynamic load).
- From Diagram 1, as a function of :
 $n \times dm = 300 \text{ rpm} \times 60 \text{ mm} = 18000$
 we read a nominal grease life of :
 $L_{10h} = 100000$ hours.
- From Diagram 2, as a function of :
 $C/P = 23600 \text{ N} : 3000 \text{ N} = 7,8$
 we read a corrective factor of :
 $F_c = 0,5$.
- Calculation of estimated grease life :
 $L_h = L_{10h} \times F_c = 100000 \text{ hours} \times 0,5 = 50000$ hours.

Shaft tolerances

■ Tolerances for grub screws/ eccentric collar locked bearings

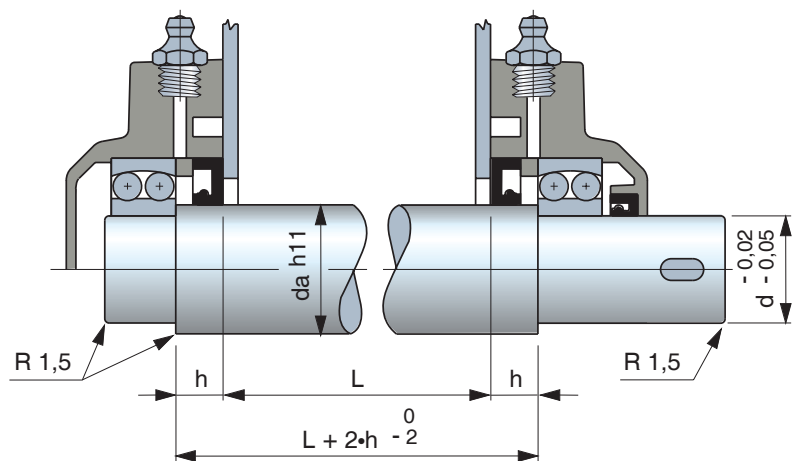
- The tables indicate shaft diameter tolerances.
- Shaft ends must be rounded off in order to:
 - ease assembly and avoid bearing jamming.
 - avoid damages to the rubber parts of the sealing units.
- The shaft surface for the portion in contact with the sealing gaskets must be smooth and free of defects (scratches etc.)



ISO shaft tolerance

Shaft dia. d mm	Heavy loads High speed h 6		Normal operation h 7		Light loads Low speed h 8		Simple applications					
	plus	min.	plus	min.	plus	min.	h 9 plus	h 9 min.	h 10 plus	h 10 min.	h 11 plus	h 11 min.
17	0	-11	0	-18	0	-27	0	-43	0	-70	0	-110
20 30	0	-13	0	-21	0	-33	0	-52	0	-84	0	-130
35 50	0	-16	0	-25	0	-39	0	-62	0	-100	0	-160

Tolerances in μm



h values are given in the support dimensional tables

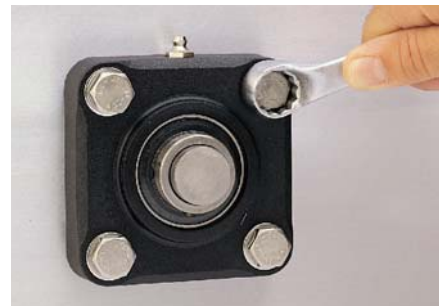
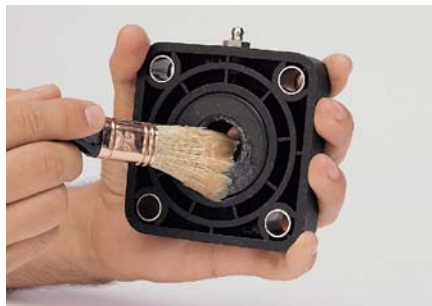
■ Tolerances for shaft shoulders locked bearings

- Shaft ends must be rounded off in order to:
 - ease assembly and avoid bearing jamming.
 - avoid damages to the rubber parts of the sealing units.
- The shaft surface for the portion in contact with the sealing gaskets must be smooth and free of defects (scratches etc.).
- The mounting shaft/bearing is free to facilitate assembly. For heavy radial loads conditions it is recommended a slightly tight mounting.

Mounting

■ Assembly instructions

- 1** - With waterproof bearings the rubber sealing units must be greased before mounting to avoid initial dry running on the shaft. The grease must fill only the space in between the two sealing lips.
- 2** - The bearing must be locked onto the shaft after the support mounting flange has been fully tightened. This is necessary to allow the bearing to assume its correct alignment on the shaft without undue axial stresses. Always tighten the screws diagonally (max. tightening couple for M10 screw = 50 Nm).



■ Locking of the bearing by grub screws

- 3** - The table gives the recommended maximum tightening couples for the grub screws and the size of the hexagonal to use.



Int. dia. bearing mm	Sc. driver size mm		Max. tightening couple Nm	
	Bearings YAT - YAR	Bearings YET	Bearings YAT - YAR	Bearings YET
17	3	3	4	4
20	3	3	4	4
25	3	3	4	4
30	3	3	4	4
35	3	3	4	4
40	3	3	4	4
45	3	4	4	6,5
50	4	5	6,5	16,5

■ Locking of the bearings by eccentric collar

- 4** - Tighten the collar by turning it with a punch in the same direction as the rotation of the shaft.
- 5** - Hand tighten the grub screw. The screw driver dimension and the tightening couple are given in the table above (Ref. YET series bearings).



■ Assembly/removal of the protection cover

- 6 - Assembly.** The sealing unit of open end covers must be greased to avoid initial dry running on the shaft. The grease must fill only the space in between the two sealing lips.
- 7 - Removal.** Insert a screw driver into the groove provided for and force the cover out.



Resistance against chemical agents	POLYAMIDE PA		POLYPROPYLENE PP		POLYETHYLENE PE		ACETAL POM		AISI 303 AISI 304		AISI 316		NICKEL PLATED BRASS		NBR RUBBER		VITON RUBBER	
	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C
ACETIC ACID	10	-	40	+	10+		5	-	20	+	50	+	/		-		20	-
ACETONE	100	+		+		+		/	50	+	25	+	+		-			-
ALUMINIUM CHLORIDE	10	+							-		/			+			Sat.	+
AMMONIA	10	+	30	+		+	Sol.	+	50	+	100	+	-		/			/
AMMONIA CONC.		+		+		+		-							-			
AMMONIUM CHLORIDE	10	+							10	/		/			+		Sat.	+
AMYL ALCOHOL	100	+		+						+		+						+
ANILINE	/		100	+	3	+	3	+	3	+					-			
BEER		+		+		+		+		+			+		+		+	+
BENZENE		+		+		/		+	70	/					-			
BENZOIC ACID	Sat.	/	Sat.	+					100	/	100	+			+			+
BENZOL	100	+		/		/		+		+		+	+		-			/
BORIC ACID	10	+	Sat.	+	Sat.	+		+	100	/	Sat.	+			+		Sat.	+
BRINE		/	Sat.	+		+		/							+			
BUTTER		+		+		+		+		+			+		+		+	+
BUTYL ALCOHOL	100	+		+						+		+			/			+
BUTYRIC ACID		-	100	+		+		-	5	+					-			
CALCIUM CHLORIDE	10	+	50	+	Sat.	+		/	10	-		/		+	+		Sat.	+
CARBON SULPHIDE	100	+		+		+		+		+		+			-			+
CARBON TETRACHLORIDE		+		-		/		+	10	-		+		+	-			+
CAUSTIC SODA	10	+	52	+	25+	+	25	-		+					/		45	+
CHEESE		-		+		+		+							+			
CHLORINATED WATER		+		-		-		-		-					-			
CHLOROFORM	100	-		/		-		-	100	+		+	+		-			+
CHOCOLATE		-				+		+							+			
CITRIC ACID	10	/	10	+		+		/	5	+	25	+		-	+		Sat.	+
CUPRIC SULPHATE	10	+	Sat.	+		+		+	5	+	100	+			+		Sat.	+
DISTILLED WATER		+		+		+		+		+					+			
ETHYL ACETATE	100	+		+					100	/					-			-
ETHYL ALCOHOL	96	+	96	+		+		+	10	+		+	+		/			+
ETHYL CHLORIDE	100	+		-		/		+		+		/	/		-			
ETHYL ETHER	100	+		+		+		+							-			-
FERRIC CHLORIDE	10	+		+					20	-		/			+		Sat.	+
FOOD FATS		+		+		+		+		+					+		+	+
FOOD OILS		+		+		+		+		+					+		+	+
FORMALDEHYDE	30	+	40	+		/		+	100	+			+		-		40	+
FORMIC ACID	10	-	100	+	10+	+	10	-	5	/			+		-			
FREON 12		+								+					+			/
FRESH WATER		+		+		+		+		+			+		+			
FRUIT JUICES		+		+		+		+		+					+			
GASOLINE		+		/		/		+		+		+	/		/			+
GLYCERINE		+		+		+		+		+		+	+		+		+	+
HYDROCHLORIC ACID	10	-	30	+	37+	+	37	-		-	1	+	/		10	/	37	+
HYDROCHLORIC ACID	2	-	2	+	2	+	2	/							2	/		
HYDROFLUORIC ACID	40	-	40	+	70+	+		-		-					65	-	48	+
HYDROGEN PEROXIDE	3	-	30	+		+		-	30	+		+	/		80	-	90	+
IODINE		-		+		+		+							/			
LACTIC ACID	10	+	20	+		+		+	5	+	10	+		-	+			+
LINSEED OIL		+		+					100	+		+			+		+	+
MAGNESIUM CHLORIDE	10	+	Sat.	+					5	+		/			+		Sat.	+
MERCURY		+	100	+		+		+	100	/		+	/		+		+	+
METHYL ALCOHOL	100	+		+		+		+	100	/		+	+		/			/
METHYLENE CHLORIDE	100	+		/		/		-	/		/				-			/
MILK		+		+		+		+		+			+		+		+	+
MINERAL OILS		+		+		+		+		+		+			+		+	+
MUSTARD		-		+		+		+							+			
NITRIC ACID	10	-		+	5	/	5	-	10	+	65	+			10	-	70	+
OLEIC ACID	100	+		+		/		-	100	/			+		/			/
PARAFFIN		+	100	/		+		+		+					+			+
PETROLEUM		+	100	/		-		+		+			+		+			+
PETROLEUM ETHER		+		+		+		+		+		+	+		-			

Resistance against chemical agents	POLYAMIDE PA		POLYPROPYLENE PP		POLYETHYLENE PE		ACETAL POM		AISI 303 AISI 304		AISI 316		NICKEL PLATED BRASS		NBR RUBBER		VITON RUBBER		
	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	
PHENOL		-		+					10	+		+				-		+	
PHOSFORIC ACID	10	-	85	+	95	+	10	-	10	-	50	/	-		20	/	85	+	
POTASSIUM HYDROXIDE	10	+							50	+	50	+			/			+	
SEA WATER		+		+		+		/		+		+		+		+		+	
SILICONE OIL		+		+												+		+	
SILVER NITRATE		+	20	+					60	/					/			+	
SOAP AND WATER		+		+		+		+		+						+			
SODIUM CARBONATE	10	+	Sat.	+		+		+	5	+	100	+				+		+	
SODIUM CHLORIDE	10	+	Sat.	+		+		+	5	+	/			+			Sat.	+	
SODIUM HYDROXIDE	10	+	30	+		+	10	+		-				+		/			
SODIUM HYPOCHLORITE		+	20	+		+		-		-						-		5	+
SODIUM SILICATE		+							100	+	100	+					+		
SODIUM SULPHATE	10	+	Sat.	+		+		+	5	+	100	+					+		+
SOFT DRINKS		+		+		+		+						+		+			
SUDS		+		+												+			+
SULPHURIC ACID	10	-	98	+	40	/	40	-	10	-	100	+		+		-		95	+
TARTARIC ACID		+	10	+		+	30	/	10	+	50	+		-		+			+
TETRALINE		+		-												-			+
TINCTURE OF IODINE		-		+		+		+						-		/			
TRANSFORMER OIL		+		/												+			+
TRICHLOROETHYLENE		/		/		+		-		+				+		-			+
TURPENTINE		/		-		-		-		+						-			
VASELINE		+		+		/		+								+			+
VEGETABLE JUICES		+		+		+		+		+						+			
VEGETABLE OILS		+		+		+		+		+						+			
VINEGAR		+		+		+		+		+				+		/			-
WHISKY		+		+		+		+		+				+		+			+
WINE		+		+		+		+		+				+		+			+
XILOL		+		-		/		+		+				/		-			+
ZINC CHLORIDE	10	/	20	+					10	-	/					+		Sat.	+

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.

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

	Page		Page		Page		Page
Part. 10	S126	Part. 141	S163	Part. 260	S186	Part. 387	S21
Part. 11	S51	Part. 142	S142	Part. 261	S16	Part. 388	S45
Part. 16	S196	Part. 153	S43	Part. 262	S16	Part. 393	S64
Part. 18	S203	Part. 159	S115	Part. 263	S20	Part. 399	R52
Part. 19	S203	Part. 168	S161	Part. 269	R09	Part. 403	R53
Part. 20	S196	Part. 169	R33	Part. 272	S189	Part. 404	R56
Part. 21	S196	Part. 170	R26	Part. 273	S69	Part. 406	R54
Part. 22	S52	Part. 170R	R27	Part. 274	S29	Part. 407	R56-R57
Part. 31	R39	Part. 171	R28	Part. 275	S31-S105	Part. 408	R51
Part. 37	S51	Part. 171R	R29	Part. 280	S163	Part. 409	S176
Part. 50	S118	Part. 172	R16	Part. 292	R24	Part. 415	S162
Part. 55	R57	Part. 173	R11	Part. 292R	R25	Part. 416	S160
Part. 61	S142	Part. 174	S154-S155	Part. 296	S76	Part. 417	S174
Part. 63	S197	Part. 179	S58	Part. 297	R31	Part. 418	S165
Part. 67	S52	Part. 180	R58	Part. 298	S121	Part. 419	S167
Part. 70	S116	Part. 182	S190	Part. 302	S189	Part. 420	S165-S167
Part. 71	S116	Part. 183	S190	Part. 303	S189	Part. 421	S45
Part. 72	S124	Part. 184	S120	Part. 308	S65	Part. 422	S32-S70
Part. 73	S44	Part. 185	S192	Part. 310	S27	Part. 437	S115
Part. 74	S52	Part. 187	R57	Part. 317	S60	Part. 441	R49
Part. 75	S200	Part. 190	S120	Part. 323	S170-R17	Part. 446	S105
Part. 76	S196	Part. 191	S76	Part. 336	S144	Part. 451	S115
Part. 79	S200	Part. 192	S141-149	Part. 337	S186	Part. 454	S174
Part. 81	S124	Part. 198	S162	Part. 338	S145	Part. 455	S197
Part. 82	S114	Part. 199	S160	Part. 339	S156	Part. 478	S115
Part. 85	S126	Part. 210	S104	Part. 340	S154	Part. 479	R22
Part. 88	S125	Part. 211	S105	Part. 341	S182	Part. 479R	R23
Part. 89	S125	Part. 213	S106	Part. 342	S182	Part. 518	S185
Part. 94	R14	Part. 214	S111	Part. 346	S63	Part. 523	S53-S54
Part. 94R	R15	Part. 215	S31-S109	Part. 349	R49	Part. 524	S55
Part. 95	S197	Part. 216	S31-S109	Part. 351	R48	Part. 528	R53
Part. 96	S141	Part. 217	S111	Part. 356	S27	Part. 529	R54
Part. 97	S126	Part. 218	S101	Part. 359	S140	Part. 533	S55
Part. 98	S170-R12	Part. 219	S61	Part. 362	S20	Part. 535	S89
Part. 98R	R13	Part. 223	S29-S60	Part. 363	S197	Part. 537	S89
Part. 107	S127	Part. 224	R59	Part. 366	S22	Part. 539	S73
Part. 111	S113	Part. 226	S144	Part. 367	S22	Part. 540	S136
Part. 112	S202	Part. 227	S141	Part. 368	S22	Part. 541	S137
Part. 114	S202	Part. 230	R56	Part. 369	S33-S63-S70	Part. 542	S137
Part. 116	S113	Part. 233	S102-S103	Part. 370	S24-S33-S70	Part. 543	S139
Part. 124	S169	Part. 236	S112	Part. 371	S23	Part. 544	S138
Part. 125	S44-S45	Part. 237	S113	Part. 372	S184	Part. 545	S143
Part. 126	S44	Part. 241	S17	Part. 373	S122	Part. 546	R50
Part. 128	S99-S100	Part. 242	S20	Part. 376	S76	Part. 547	R50
Part. 132	R18	Part. 243	S16	Part. 377	S76	Part. 548	R50
Part. 132R	R19	Part. 244	S17	Part. 378	S77	Part. 549	R50
Part. 133	S171-R20	Part. 247	S61	Part. 379	S77	Part. 550	S24
Part. 133R	R21	Part. 251	S17	Part. 383	R52	Part. 551	S18
Part. 134	R32	Part. 254	R30	Part. 384	R52	Part. 552	R10
Part. 137	S175	Part. 255	S140	Part. 385	R52	Part. 554	S50
Part. 140	S128	Part. 256	S140	Part. 386	S21	Part. 555	S50

	Page		Page		Page		Page
Part. 556	S50	Part. 636	S130	Part. 698	S117	Part. 765	S27-S69
Part. 557	S82-S84	Part. 637	S131	Part. 699	S151	Part. 766	S28
Part. 559	S23	Part. 638	S131	Part. 701	R55	Part. 767	S26-S68
Part. 560	S47	Part. 639	S71	Part. 702	R55	Part. 768	S26-S68
Part. 561	S47	Part. 640	S71	Part. 703	R55	Part. 769	S67
Part. 562	S172	Part. 641	S71	Part. 704	S150	Part. 770	S67
Part. 563	S172	Part. 642	S72	Part. 705	S150	Part. 902	S30-S111
Part. 564	S173	Part. 643	S72	Part. 706	S178	Part. 903	S30-S109
Part. 565	S58	Part. 644	S73	Part. 707	S178	Part. 905	S198
Part. 566	S59	Part. 645	S73	Part. 708	S123	Serie F	B14
Part. 567	S194	Part. 646	S119	Part. 709	S161	Serie FC	B46
Part. 568	S195	Part. 647	S119	Part. 715	S62	Serie FL	B24
Part. 569	S195	Part. 648	S132	Part. 716	S62	Serie HCF	B10
Part. 570	S83-S85	Part. 650	S133	Part. 717	S62	Serie HCF/C	B06
Part. 580	S82-S84	Part. 651	S133	Part. 718	S151	Serie HCF/CL	B08
Part. 581	S78-S80	Part. 652	S134	Part. 721	S86	Serie HCFB	B36
Part. 585	S78-S80	Part. 653	S135	Part. 722	S78-S80	Serie HCFB/C	B34
Part. 586	S79-S81	Part. 654	S66	Part. 724	S78-S80	Serie HCFL	B20
Part. 587	S157	Part. 655	S159	Part. 725	S143	Serie HCFL/C	B16
Part. 592	S59	Part. 656	S98	Part. 726	R26	Serie HCFL/CL	B18
Part. 594	S66	Part. 657	S49	Part. 727	S46	Serie HCFLS/C	B22
Part. 595	S156	Part. 661	S155	Part. 728	S46	Serie HCFS/C	B12
Part. 596	S64	Part. 662	S118	Part. 729	S53	Serie HCP	B28
Part. 599	S127	Part. 663	S153	Part. 730	S87	Serie HCP/C	B26
Part. 600	R36	Part. 666	S201	Part. 731	S98	Serie HCPA	B32
Part. 602	R37	Part. 667	S201	Part. 732	S155	Serie HCPA/C	B30
Part. 605	S74-S75	Part. 668	S201	Part. 733	S86	Serie HCT	B40
Part. 606	S74-S75	Part. 669	S25	Part. 734	S193	Serie HCT/C	B38
Part. 611	S166	Part. 671	S192	Part. 736	S107	Serie SBF	B48
Part. 612	S199	Part. 672	S194	Part. 737	S107	Serie UCF	B10
Part. 613	S48	Part. 674	S19	Part. 738	S107	Serie UCF/C	B06
Part. 614	S48	Part. 675	R34	Part. 739	S108	Serie UCF/CL	B08
Part. 615	S164	Part. 676	S116	Part. 740	S108	Serie UCFCB	B36
Part. 616	S169	Part. 677	S148	Part. 742	S19	Serie UCFCB/C	B34
Part. 617	S128	Part. 678	S146	Part. 745	R38	Serie UCFC	B44
Part. 618	S166	Part. 679	S146	Part. 747	R46	Serie UCFC/C	B42
Part. 619	S168	Part. 681	S147	Part. 748	R46	Serie UCFL	B20
Part. 621	S23	Part. 682	S148	Part. 749	R46	Serie UCFL/C	B16
Part. 622	R42	Part. 683	S149	Part. 750	R47	Serie UCFL/CL	B18
Part. 623	S179	Part. 684	S149	Part. 751	R47	Serie UCFLS/C	B22
Part. 623	R43	Part. 685	S177	Part. 752	R47	Serie UCFS/C	B12
Part. 624	S49	Part. 686	S180	Part. 753	R35	Serie UCP	B28
Part. 625	S191	Part. 687	S180	Part. 754	S95-S97	Serie UCP/C	B26
Part. 626	R40	Part. 688	S181	Part. 755	S91-S93	Serie UCPA	B32
Part. 627	S179-R41	Part. 689	S181	Part. 756	S94-S96	Serie UCPA/C	B30
Part. 628	S88-R44	Part. 690	S177	Part. 757	S90-S92	Serie UCT	B40
Part. 629	R45	Part. 691	S153	Part. 758	S49	Serie UCT/C	B38
Part. 632	S129	Part. 692	S152	Part. 759	S91-S93-S95-S97		
Part. 633	S158	Part. 693	S110	Part. 760	S90-S92-S94-S96		
Part. 634	S21	Part. 694	S110	Part. 761	S79-S81		
Part. 635	S130	Part. 697	S117	Part. 764	S28		

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The loads indicated in the table represent the maximum loads that can be applied at static conditions. These values result from tests and laboratory experiments done on our materials, injection molded and conditioned (40h - 23°C - 50% U.R.).

The loads values should be adequately reduced in case of : vibrations at high frequencies, live loads, high temperatures and places with high degree of humidity. For a mutual guarantee, please address to our technical or commercial departments, in order to value the characteristics according to their employment.

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