PRODUCT CATALOGUE 2006 | MARBETT® CONVEYOR COMPONENTS

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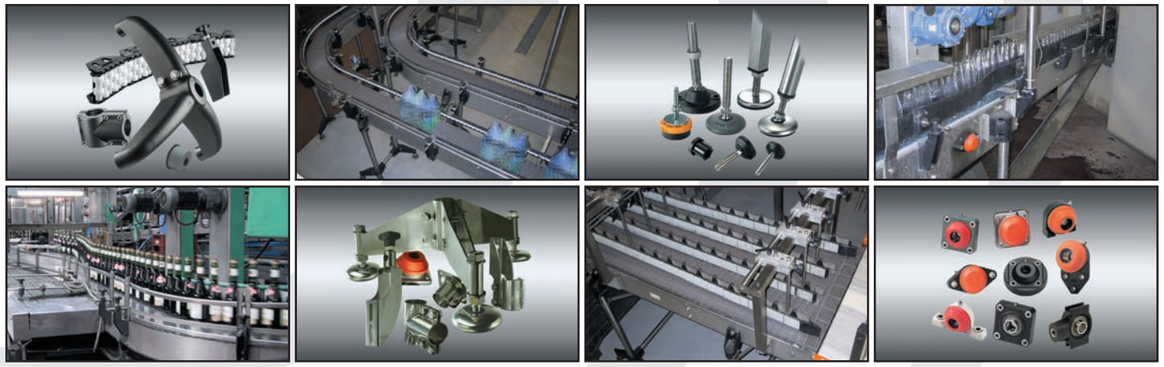

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FlatTop Europe

PRECISION. POWER. PERFORMANCE.

CONVEYOR COMPONENTS

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SUPPORTING AND LEVELLING ELEMENTS

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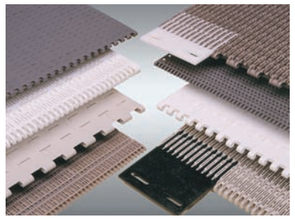
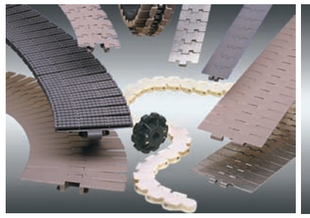



The company

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 Rexnords 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.

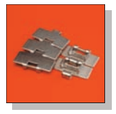
For food industry applications modular belts and components with Microban antibacterial protection are used in deboning, grading and trimming lines for meat, poultry and seafood. A wide range of products is also offered for blanchers, cookers, washers, coolers and processing lines in fruit, vegetables, 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:

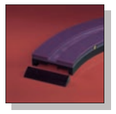


• Steel slatband chains
In various materials ranging from carbon steel to special stainless steel with better wear and sliding properties; types straight running, sideflexing tab, bevel and Magnetflex, with and without rubber top.

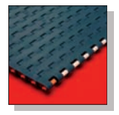
• Plastic slatband chains
Wide range of materials and various executions; single hinge, double hinge, heavy duty, vacuum, lbp rollers and rubber top.

• 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

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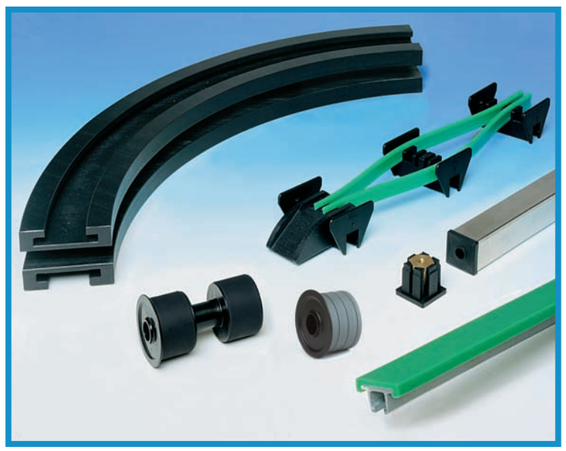
Corner Tracks and Straight Tracks Page S34
Roller Guides for Chain Return Page S43
Serpentine Guides for Chain Return Page S53
Plugs for Connection Page S58



PRODUCT HANDLING COMPONENTS

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Guide-Rail Clamps Page S104
Guide-Rail Brackets Page S123
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Conveyor Components Contents

FRAME SUPPORT COMPONENTS

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Bearing Heads Page S162
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Articulated Feet Page S170
Connecting Joints Page S172
Support Heads (Stainless steel) Page S177
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MISCELLANEOUS COMPONENTS

Line Control Elements Page S182
Hinges Page S186
Locks Page S188
Tightening Elements Page S189
Modular transfer roller plate Page S194
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Caps Page S201
Cable Carriage Chains Page S202
Nozzles Page S203

TECHNICAL INFORMATION

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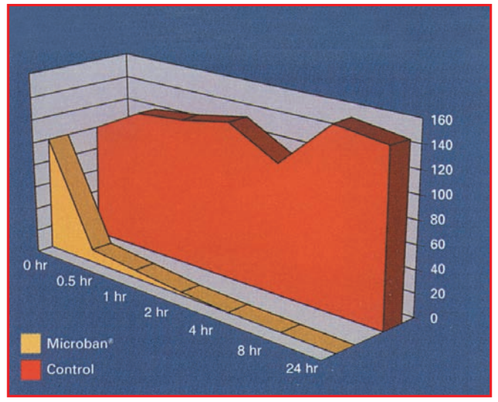
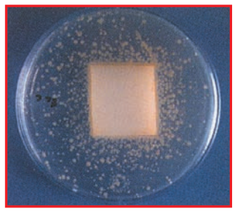
Material characteristics

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.
- Indipendent 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 sctive 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.

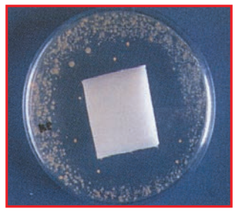


◀ Bacteria E.Coli in Microban® plastic compound compared to identical untreaded plastic



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

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



Material characteristics

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.

Chain Guide Components

Part./Art./Réf. **742**

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Part./Art./Réf. **674**

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Part./Art./Réf. **669**

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Part./Art./Réf. **727**

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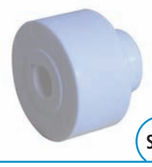
Part./Art./Réf. **728**

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Part./Art./Réf. **729**

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Frame Support Components

Part./Art./Réf. **709**

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Part./Art./Réf. **685**

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Part./Art./Réf. **689**

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Product Handling Components

Part./Art./Réf. **715**

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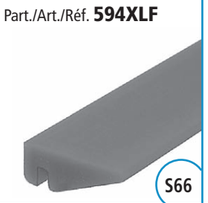
Part./Art./Réf. **594XLF**

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Part./Art./Réf. **733**

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Part./Art./Réf. **721**

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Part./Art./Réf. **730**

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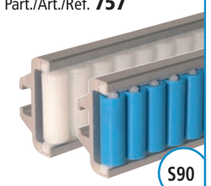
Part./Art./Réf. **757**

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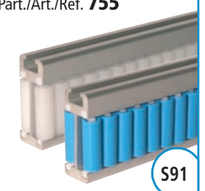
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Part./Art./Réf. **757**

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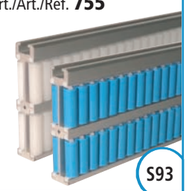
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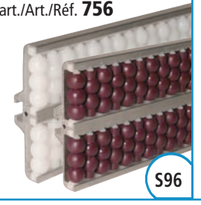
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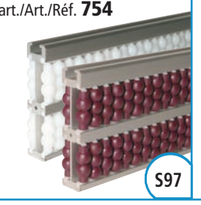
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Miscellaneous Components

Part./Art./Réf. **671**

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Part./Art./Réf. **672**

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Part./Art./Réf. **612**

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Part./Art./Réf. **666**

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Part./Art./Réf. **667**

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Part./Art./Réf. **668**

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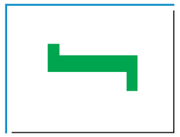
Chain Guide Profiles



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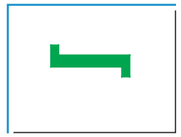
Chain guide profile.

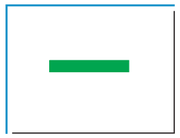
Part. 261 - Pag. S16
Chain guide profile.

Part. 243 - Pag. S16
Chain guide profile.



Part. 241 - Pag. S17
Chain guide profile.

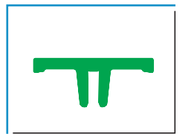
Part. 251 - Pag. S17
Chain guide profile.



Part. 244 - Pag. S17
Chain guide profile.

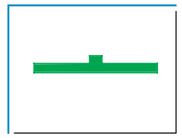
Part. 551 - Pag. S18
Chain inlet guide for
Part. 261-243-244.

Part. 742 - Pag. S19
For chains 114,3 mm
(K 450).

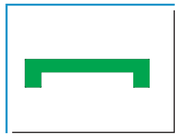


Part. 674 - Pag. S19
For wide chain.

Part. 263 - Pag. S20
Multiple strands 82,5 mm
(K 325)/ pitch 88 mm.



Part. 242 - Pag. S20
Multiple strands 82,5 mm
(K 325)/ pitch 88 mm.

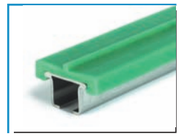


Part. 362 - Pag. S20
Multiple strands 82,5 mm
(K 325)/ pitch 85 mm

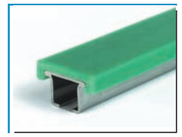
Part. 386 - Pag. S21
Multiple strands 87 mm
(K 343)/ pitch 88 mm.

Part. 387 - Pag. S21
Multiple strands 87 mm
(K 343)/ pitch 88 mm.

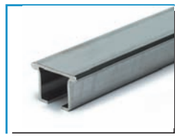
Part. 634 - Pag. S21
Chain guide profile.



Part. 366 - Pag. S22
Multiple strands 82,5 mm
(K 325)/ pitch 88 mm.

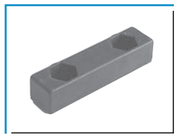


Part. 367 - Pag. S22
Multiple strands 82,5 mm
(K 325)/ pitch 85-83,5 mm.



Part. 368 - Pag. S22
Chain guide profile.

Part. 371 - Pag. S23
Mounting block for
Part. 366-367-368.

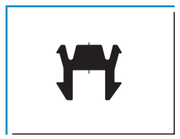


Part. 621 - Pag. S23
Connecting block for
Part. 366-367-368.

Part. 559 - Pag. S23
Clamp for
Part. 366-367-368.

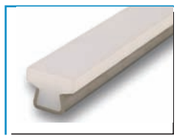
Part. 550 - Pag. S24
Chain inlet guide for
Part. 366.

Part. 550 - Pag. S24
Chain inlet guide for
Part. 367.



Part. 370 - Pag. S24-S33
Sealing profile for Part.
366-367-368-422.

Part. 669 - Pag. S25
Side transfer guide shoe.



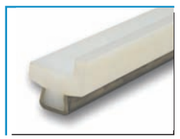
Part. 768 - Pag. S26
Chain guide profile.

Part. 767 - Pag. S26
Chain guide profile.

Part. 356 - Pag. S27
Chain guide profile.

Part. 310 - Pag. S27
Chain guide profile.

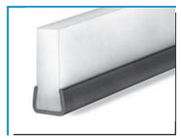
Part. 765 - Pag. S27
Chain guide profile.



Part. 766 - Pag. S28
Chain guide profile
For modular chains.

Part. 764 - Pag. S28
Chain guide profile
for TAB chains.

Part. 223 - Pag. S29
Chain guide profile for
roller chain ANSI 60.



Part. 274 - Pag. S29
Chain guide profile for
roller chain ISO 12 B1.

Part. 903 - Pag. S28
ViseClamp™.

Part. 902 - Pag. S28
ViseSplice™.

Part. 215 - Pag. S29
Clamp.

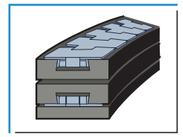
Part. 216 - Pag. S29
Clamp.

Part. 275 - Pag. S29
Clamp.

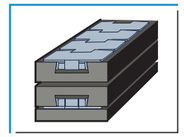
Part. 422 - Pag. S30
Multiple strands 82,5 mm
(K 325)/ pitch 85-83,5 mm.

Part. 369 - Pag. S31
Connecting bar for
Part.422.

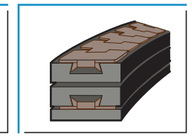
Corner Tracks and Straight Tracks



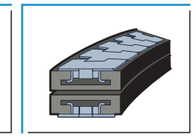
Serie KSU - Pag. S34
Corner tracks for chains
Series 881-8811-880-879.



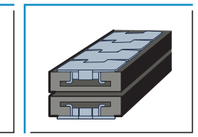
Serie SSU - Pag. S34
Straight tracks for chains
Series 881-8811-880-879.



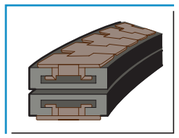
Serie KSU 200 - Pag. S35
Straight tracks for Series
882.



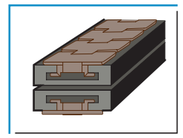
Serie KTU - Pag. S36
Corner tracks for Serie 881T-8811T-
879T-880T-RH-RHD-1050T-1055T.



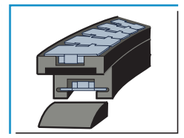
Serie STU - Pag. S36
Straight tracks for Series 881T-8811T-
879T-880T-RH-RHD-1050T-1055T.



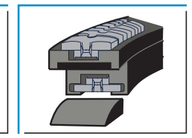
Serie KTU 200 - Pag. S37
Corner tracks for Series
882 TAB-HDF.



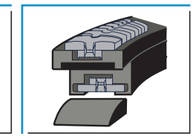
Serie STU 200 - Pag. S37
Straight tracks for Series
882 TAB-HDF.



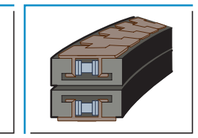
Serie COMBI C - Pag. S38
Magnetic corner tracks Series 881M-
RHM-RHMD 325 LBP-HDFM LBP.



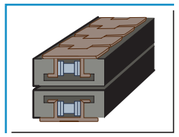
Serie COMBI CB - Pag. S39
Magnetic corner tracks Series
FGM 1050 - FTM 1060.



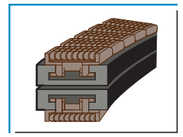
Serie COMBI CC - Pag. S39
Magnetic corner tracks
Series FTM 1055.



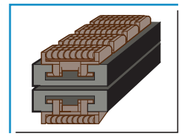
Serie KTU 300 - Pag. S40
Corner tracks for Series
1874-1873-3873.



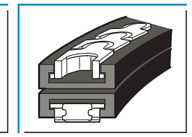
Serie STU 300 - Pag. S40
Straight tracks for Series
1874-1873-3873.



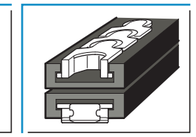
Serie KTU 200 - Pag. S41
Corner tracks for Series
LBP 883.



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



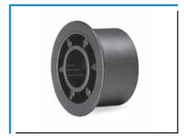
Serie KTU 500 - Pag. S42
Corner tracks for Series 1700TABK-
1790TABK-1710TABK-1713TABK.



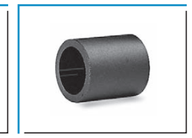
Serie STU 500 - Pag. S42
Straight tracks for Series 1700TABK
1790TABK-1710TABK-1713TABK.

Roller for Chain Return

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

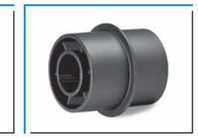


Part. 73 - Pag. S44
Roller ø 42,5 mm. For K82,5.
For K82,5/pitch 83,5-88.



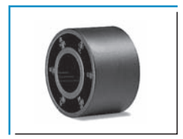
Part. 126 - Pag. S44
Distance gear.

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



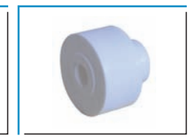
Part. 125 - Pag. S45
Double roller ø 42,5 mm. Multiple
strands K82,5 / pitch 85.

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

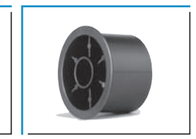


Part. 388 - Pag. S45
Roller ø 42,5 mm. Multiple
strands K87 / pitch 88

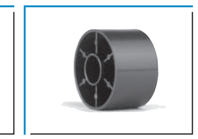
Part. 727 - Pag. S46
Roller ø 46 mm. high sanitation.
Multiple str. K82,5/84-K114,3/120.



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



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



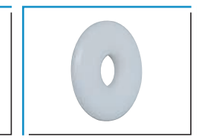
Part. 560 - Pag. S47
Roller ø 50 mm. Multiple
strands K82,5 / pitch 83,5.

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

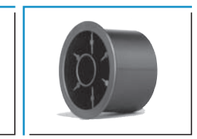
Part. 613 - Pag. S48
Roller ø 60 mm. Multiple
strand K82,5/pitch 83,5-85.

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

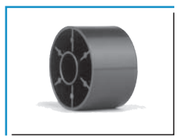
Part. 758 - Pag. S49
Roller ø 60 mm. Multiple
strand K82,5 / pitch 85.



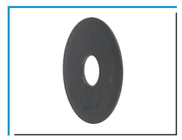
Part. 624 - Pag. S49
Distance gear.



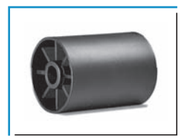
Part. 556 - Pag. S50
Roller ø 60 mm. For K82,5. Multiple
strand K82,5 / pitch 83,5-88.



Part. 554 - Pag. S50
Roller ø 60 mm. Multiple
strands K82,5/pich 83,5-85.



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



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

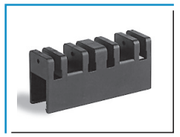
Part. 37 - Pag. S51
Guiding flange for part. 11.

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

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

Serpentine Guides for Chain Return

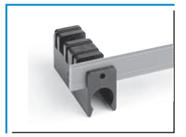
Part. 729 - Pag. S53
Chain return guide.



Part. 523 - Pag. S53 - S54
Spacer.

Part. 533 - Pag. S55
Striker.

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

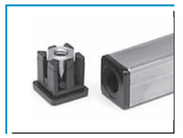


Part. 524 - Pag. S55
Sliding profile.

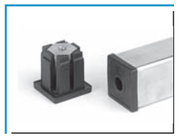
Expansion Plugs

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.

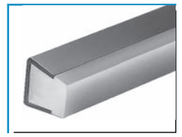


Part. 566 - Pag. S59
Expansion plug for square tubes 20 mm.



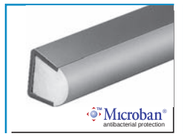
Part. 592 - Pag. S59
Expansion plug for square tubes 40 mm.

Product Guides



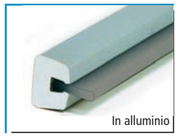
Part. 317 - Pag. S60
Half-round guide rail. Delicate containers (PET empty).

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.

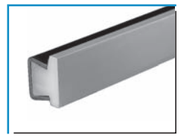
Part. 393 - Pag. S64
Label protection.

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

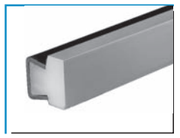
Part. 308 - Pag. S65
Overhead transport PET bottles.

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

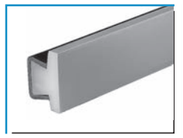
Part. 654-654XLF - Pag. S66
Overhead transport PET bottles.



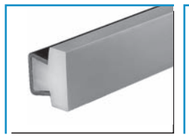
Part. 770 - Pag. S67
Flat guide rail. Rugged containers.



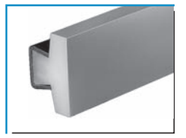
Part. 769 - Pag. S67
Flat guide rail. Rugged containers.



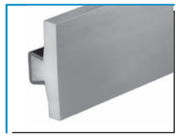
Part. 768 - Pag. S68
Flat guide rail. Rugged containers.



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



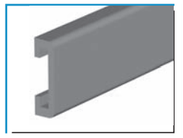
Part. 273 - Pag. S69
Flat guide rail. Rugged containers.



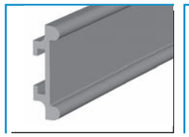
Part. 765 - Pag. S69
Extra flat guide rail.

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

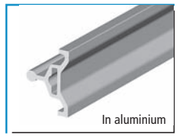
Part. 370 - Pag. S70
Sealing profile for Part.422. Improves Guide clealiness.



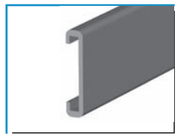
Part. 639 - Pag. S71
Extra flat guide rail.



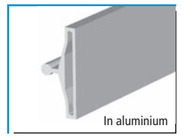
Part. 640 - Pag. S71
Round guide rail.



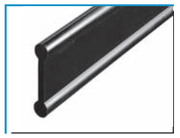
Part. 641 - Pag. S71
Metal profile for Part.639-640.



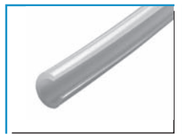
Part. 642 - Pag. S72
Extra flat guide rail. Rugged containers.



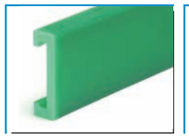
Part. 643 - Pag. S72
Metal profile for Part.642.



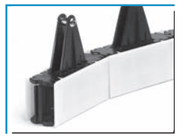
Part. 644 - Pag. S73
Round guide rail. Middle strong containers (glass).



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

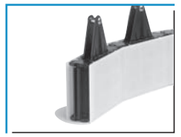


Part. 539 - Pag. S73
Extra flat guide rail. Assembly with 40x8 mmplate.



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

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



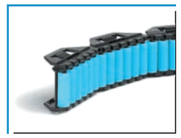
Part. 605 - Pag. S75
Extra flat centre guide. Glass containers without side load.

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

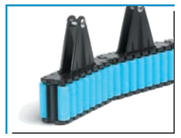
Part. 191-296 - Pag. S76
Extra large guide rail. Assembly with 60x6 mm plate.

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

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

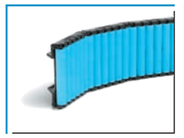


Part. 581-722 - Pag. S78
Roller side guide. Thin-walled containers.



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

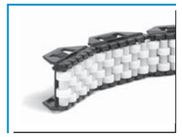
Part. 586-761 - Pag. S79
Divider module for Part.585.



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

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

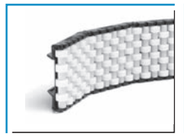
Part. 586-761 - Pag. S81
Divider module for Part.585.



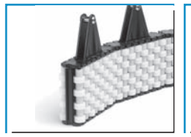
Part. 580 - Pag. S82
Roller side guide. Medium strength containers.

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.

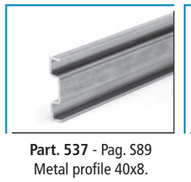
Part. 570 - Pag. S85
Divider module for Part.557.

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

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

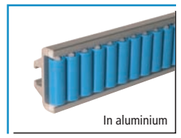
Part. 730 - Pag. S87
Separation Block.

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

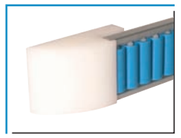


Part. 537 - Pag. S89
Metal profile 40x8.

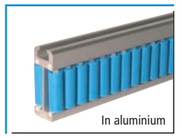
Part. 535 - Pag. S89
Bolts set for Part.535.



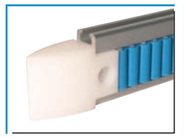
Part. 757 - Pag. S90
Roller side guides.



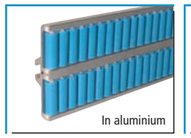
Part. 760 - Pag. S90
Separation Block.



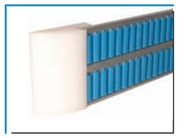
Part. 755 - Pag. S91
Roller centre guides.



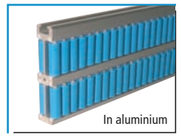
Part. 759 - Pag. S91
Separation Block.



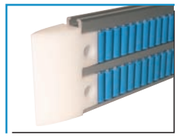
Part. 757 - Pag. S92
Roller side guides.



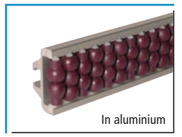
Part. 760 - Pag. S92
Separation Block.



Part. 755 - Pag. S93
Roller centre guides.

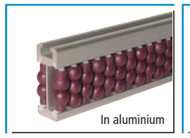


Part. 759 - Pag. S93
Separation Block.

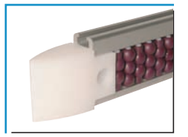


Part. 756 - Pag. S94
Pearl™ rolles side guide.

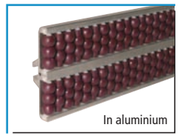
Part. 760 - Pag. S94
Separation Block.



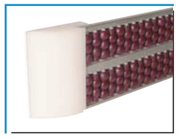
Part. 754 - Pag. S95
Pearl™ rolles centre guide.



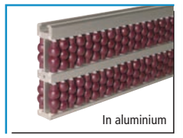
Part. 759 - Pag. S95
Separation Block.



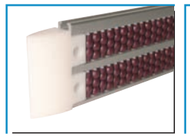
Part. 756 - Pag. S96
Pearl™ rolles side guide.



Part. 760 - Pag. S96
Separation Block.



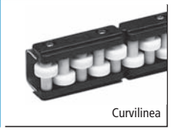
Part. 754 - Pag. S97
Pearl™ rolles centre guide.



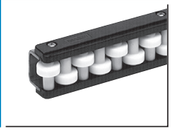
Part. 759 - Pag. S97
Separation Block.

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

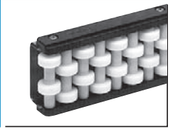
Part. 369 - Pag. S63-S70
Connecting bar for Part.754-755-756-757-656-731.



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.	H	H	P
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 usethe 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.

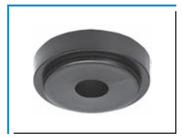
Part. 543 - Pag. S139
Adjustable bracket.

Part. 255 - Pag. S140
Swivel head.

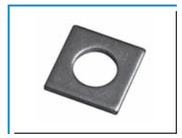
Part. 359 - Pag. S140
Swivel head.

Part. 256 - Pag. S140
Swivel head.

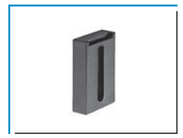
Part. 192 - Pag. S141-149
Swivel head.



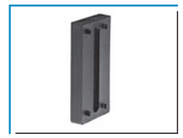
Part. 227 - Pag. S141
Spacer for adjustable brackets.



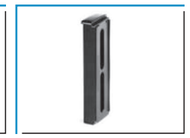
Part. 96 - Pag. S141
Square washer for Part.72-81-88-89.



Part. 61 - Pag. S142
Spacer.

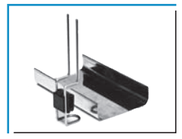


Part. 142 - Pag. S142
Spacer.



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 (witn knob).

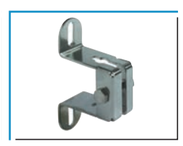
Part. 684 - Pag. S149
Eyebolt (witn nut).

Part. 705 - Pag. S150
Side bracket.

Part. 704 - Pag. S150
Side bracket.

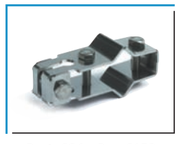
Part. 699 - Pag. S151
Side bracket.

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
tubes 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
misalligned mounting surfaces.

Part. 272 - Pag. S188
Lock.

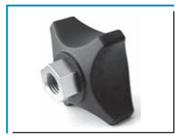
Tightening Elements

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.

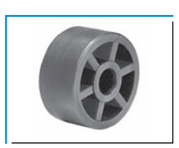
Modular transfer roller plate

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

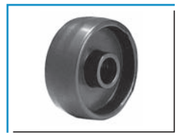
Part. 672 - Pag. S194
End transfer module
(with lip).

Part. 569 - Pag. S195
End transfer module.

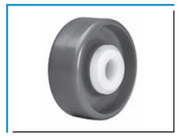
Part. 568 - Pag. S195
Centre transfer module.



Part. 20-21 - Pag. S196
Roller.



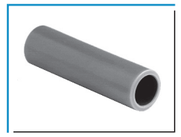
Part. 16 - Pag. S196
Roller.



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).

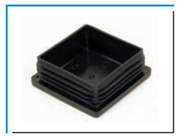
Winding Tensioners

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.

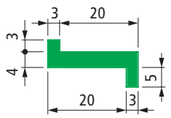
Part. 114 - Pag. S202
Attachments.

Nozzles

Part. 19 - Pag. S203
Nozzle conical shape.

Part. 18 - Pag. S203
Nozzle shell shape.

Part. 262



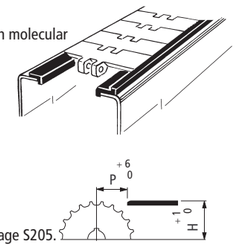
Reinforced version

Chain guide profile

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

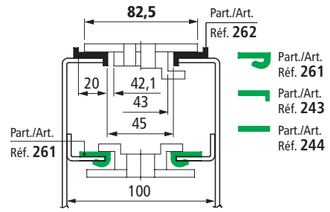
* = *new product*
- Standard packaging : coil.

- **Material**
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.



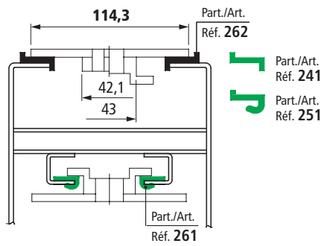
- **TableTop® chains** series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

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

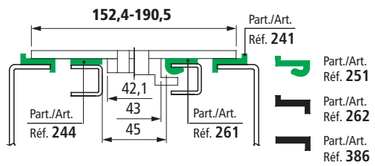


Chain width 82,5 mm (K 325) / Guide clearance 49 mm

Chain width 114,3 mm (K 450)

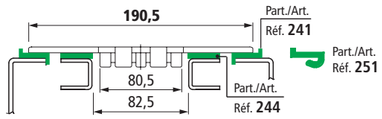


Chain width 152,4 mm (K600), 190,5 (K750)

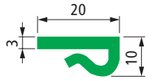


- **TableTop® double hinge chain** series 802 - 805

Chain width 190,5 mm (K 750)



Part. 261



Microban® antibacterial protection

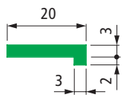
Chain guide profile

Part.	Packaging metres	Code With Microban®	Code 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



Microban® antibacterial protection

Chain guide profile

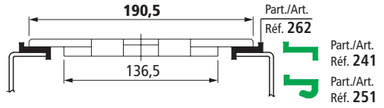
Part.	Packaging metres	Code With Microban®	Code Without Microban®
243	90	698642*	63701

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

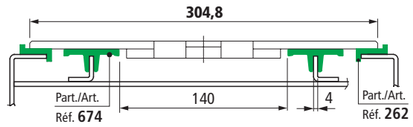
Chain inlet guide shoe side Part.551. See page S18.

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

Chain width 190,5 mm (K 750)

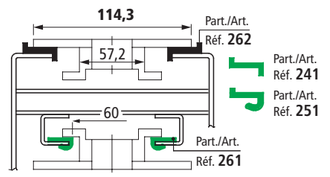


Chain width 304,8 mm (K 1200).

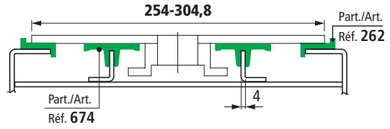


- **TableTop® chains** series 882 TAB

Chain width 114,3 mm (K 450)

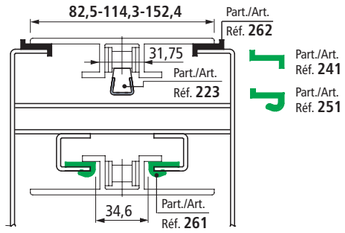


Chain width 254 mm (K 1000), 304,8 mm (K1200).



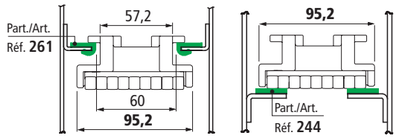
- **PlateTop chains** series 1874 - 4874 - 1873

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

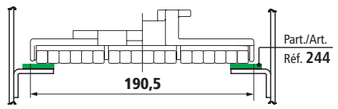


- **Low backline pressure chains** series SLBP 882 TAB - SLBP 821

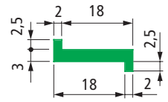
Chain width 95,2 mm (K 375)



Chain width 190,5 mm (K 750)



Part. 241

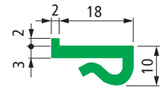


Chain guide profile

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

- Standard packaging : coil.

Part. 251



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. 244

Chain guide profile

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

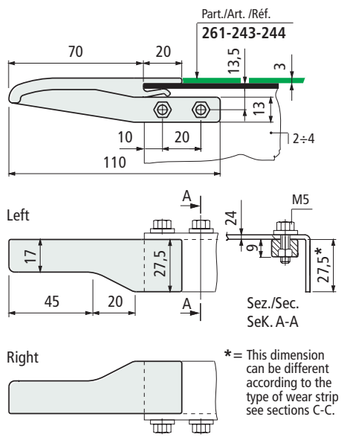
- Standard packaging : coil.
- Accessories :

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

for Part. 261 - 243 - 244

Part. 551

Chain inlet guide shoe (side)

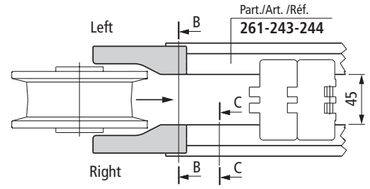


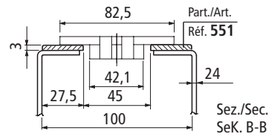
Part.	State of supply	Code	Weight kg
551	Left + Right	**689501**	0,025

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

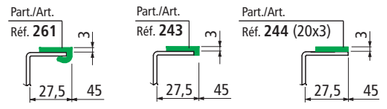
• **Use** for Part. 551
In TableTop® conveyors, chain inlet guide shoes shall be used near the idlers.

• Chain width 82,5 mm (K325).

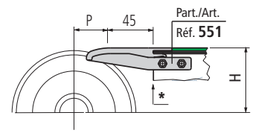




Types of wear strips that can be used with guide shoe (only thickness 3 mm).



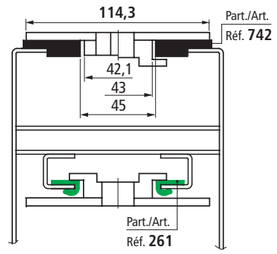
• Positioning



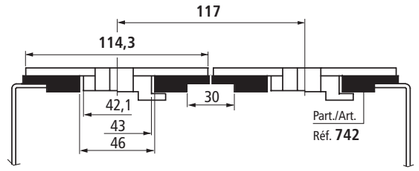
P = Chain width
H = See page 205.
* = Side frame edge

• **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

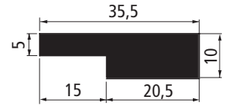


Chain guide profile

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 x 10. $^{-4}$
- Operating temperature : In air (- 40 to + 80 C). In hot water (+ 70 C).

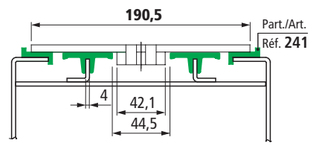
Part. 742



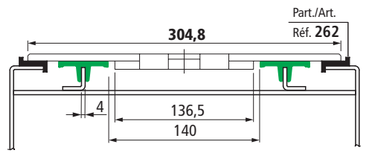
New Product

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

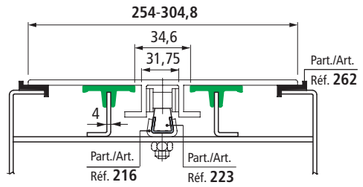
TableTop® chains series 820 width 190,5 (K750)



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



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

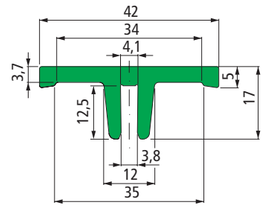


Chain guide profile

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

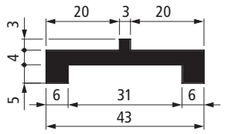
- Material : Polyethylene UHMWPE (green).
- **On request** other colours.
- Applicable to 4 mm thick sheet metal.
- Standard packaging : bars of 3 and 6 metres.
- Packaging : 24 metres.

Part. 674



New Product

Part. 263



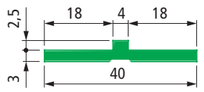
Reinforced version

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

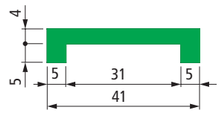


Chain guide profile

Part.	Colour	Packaging metres	Code
242	Green	80	63671

- Standard packaging : coil.

Part. 362



Reinforced version

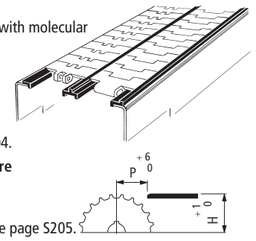
Chain guide profile

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.

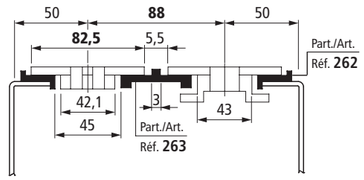
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

- **Material**
  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.

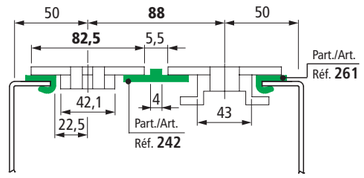


- **TableTop® chains** series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

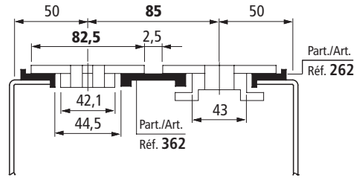
Chain width 82,5 mm (K 325) / Pitch 88 mm



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



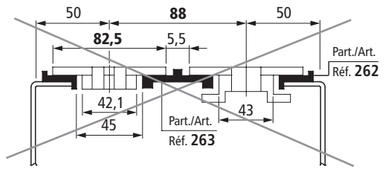
Chain width 82,5 mm (K 325) / Pitch 85 mm



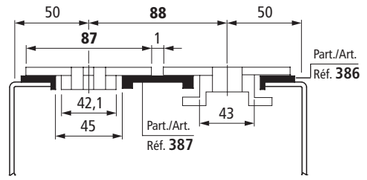
- **TableTop® chains** series 820 - 880TAB

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.

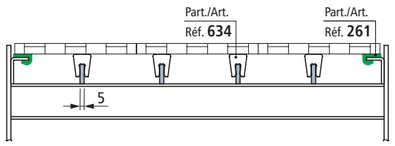


Change chains (from 82,5 mm to 87 mm width) and wear strip, in this way the Gap between chains is reduced (from 5,5 mm to 1 mm) while the conveyor frame is unchanged (pitch 88 mm)



- **MatTop® modular chains**

Parallel wear strips. Reccomended with medium-light loads.

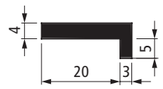


Chain guide profile

Part. 386

Part.	Colour	Packaging metres	Code
386	Black	45	66096

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



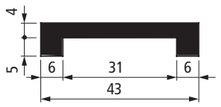
Reinforced version

Chain guide profile

Part. 387

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.



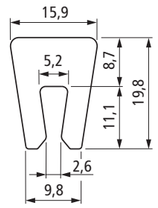
Reinforced version

Chain guide profile

Part. 634

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

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

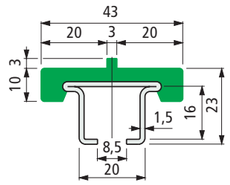


Microban® antibacterial protection

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

Part. 366

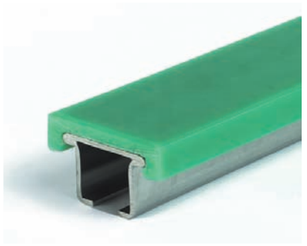
Chain guide profile



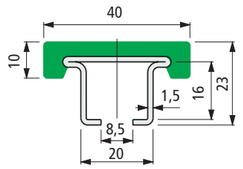
Part.	Metal profile material	Length metres	Code	Weight kg/m
366	Inox AISI 304	3	64056M	1,10
		6	69585M	
	Inox AISI 430	3	693252M*	1,10
		6	693262M*	

* = *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

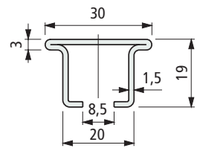


Part.	Metal profile material	Length metres	Code	Weight kg/m
367	Inox AISI 304	3	64046M	1,10
		6	69615M	
	Inox AISI 430	3	693272M*	1,10
		6	693282M*	

* = *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

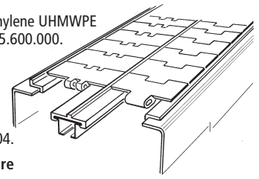
Chain guide profile



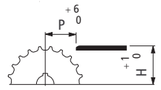
Part.	Metal profile material	Length metres	Code	Weight kg/m
368	Inox AISI 304	3	64066	0,90
		6	69645	
	Inox AISI 430	3	693292*	0,90
		6	693302*	

* = *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.

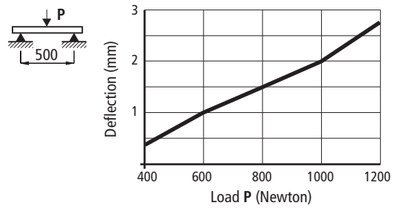


- **Linear expansion coefficient**
2 x 10. $^{-4}$
Calculation of thermal expansion see page S204.
- **Operating temperature**
In air (- 40 to + 80 C).
In hot water (+ 70 C).
- **Position of guides.** See page S205.



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

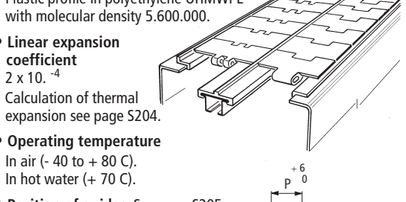
- **Deflection** of Part. 366-367-368



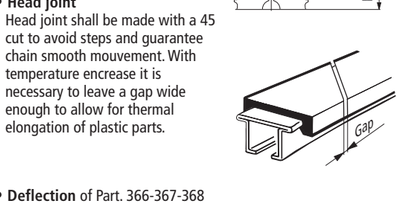
- **TableTop® chains** series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

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

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

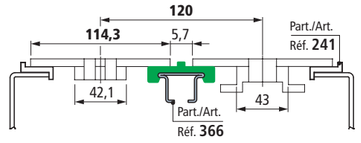


Chain width 82,5 mm (K 325) / Pitch 83,5 mm

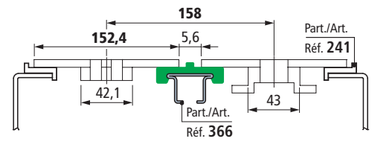


for Part. 366 - 367 - 368

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

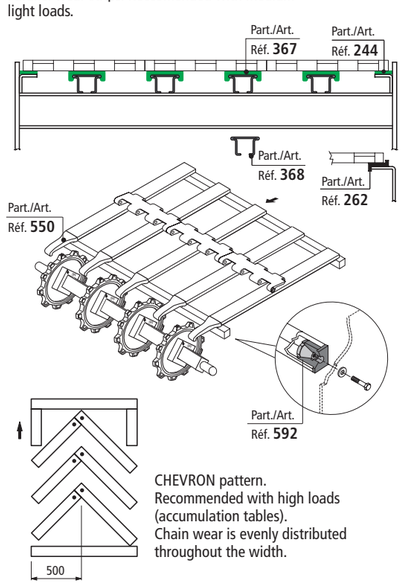


Chain width 152,4 mm (K 600) / Pitch 158 mm



- **MatTop® modular chains**

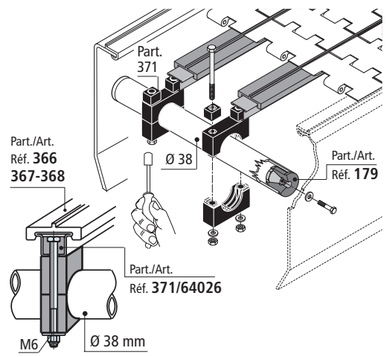
Parallel wear strips. Reccomended with medium light loads.



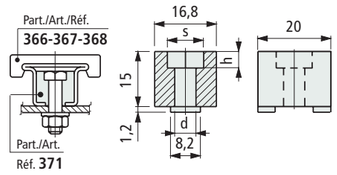
CHEVRON pattern.
Recommended with high loads (accumulation tables).
Chain wear is evenly distributed throughout the width.

- **Assembly of Part. 559**

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



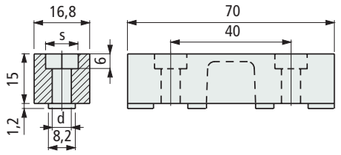
Mounting block



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

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

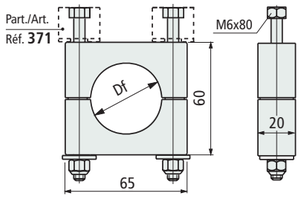
Connecting block



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.

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. 371

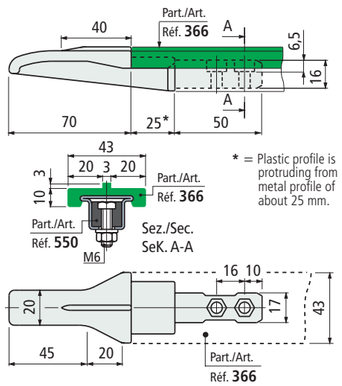
Part. 621

Part. 559

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

Part. 550

Chain inlet guide shoe (centre)

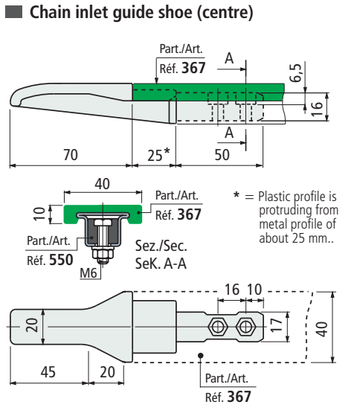


Part.	Code	Weight kg
550	689481	0,042

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

Part. 550

Chain inlet guide shoe (centre)



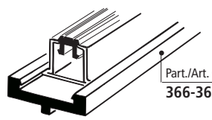
Part.	Code	Weight kg
550	689491	0,042

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

Part. 370

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

Sealing profile

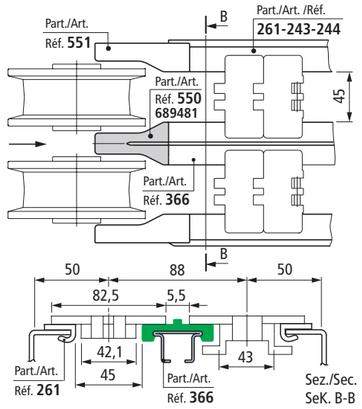


Part.	Code
370	61036*

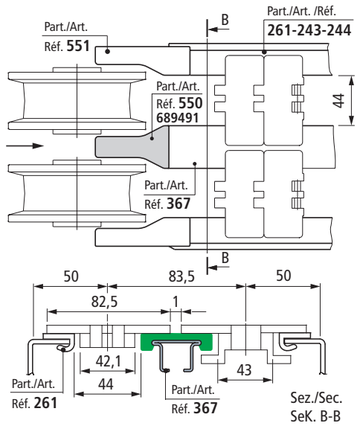
- Use : when applied to the metal profile, this product improves guide cleanliness.
- Material : rubber EPDM 80 (black).
- Packaging : 20 metres (coil).

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

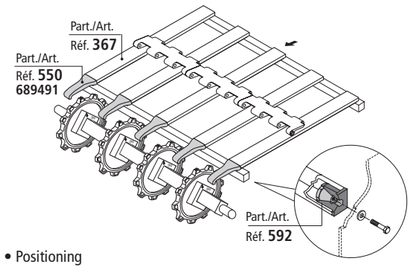
- Chain width 82,5 mm (K325) / Pitch 88 mm.



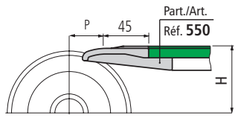
- Chain width 82,5 mm (K325) / Pitch 83,5 mm.



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

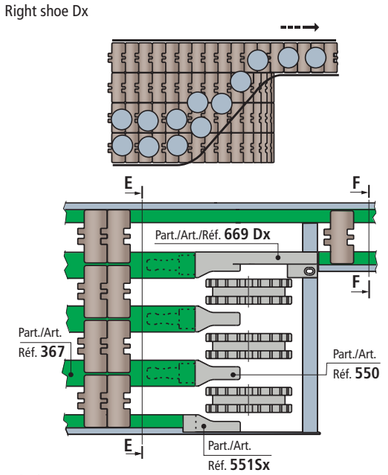


- Positioning

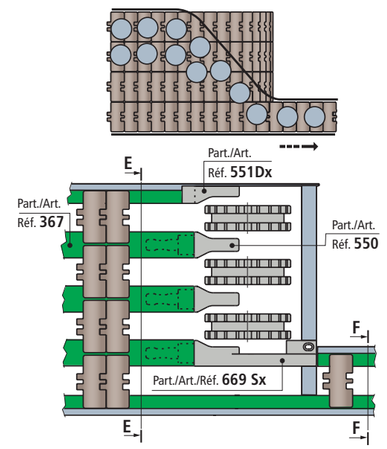


P = Chain width
H = See page 205.

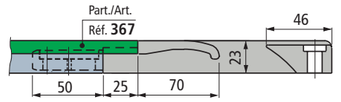
- Right shoe Dx



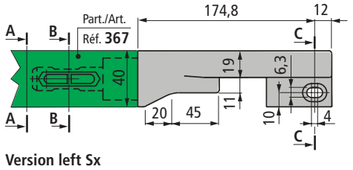
- Left shoe Sx



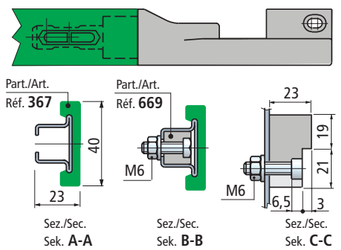
Side transfer guide shoe



Version right Dx



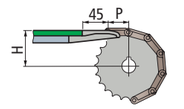
Version left Sx



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



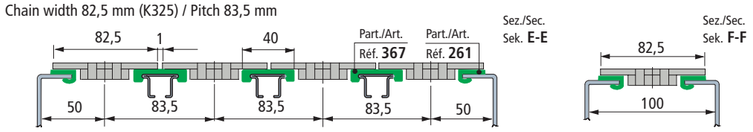
P = Chain width
H= See page 205.

Part. 669

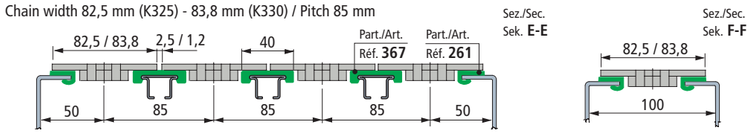
New Product

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

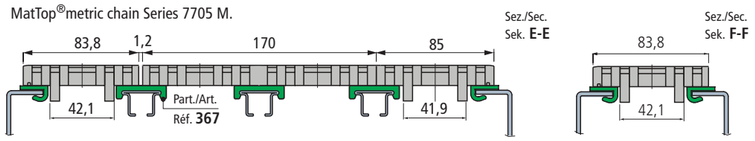
Chain width 82,5 mm (K325) / Pitch 83,5 mm



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



MatTop®metric chain Series 7705 M.

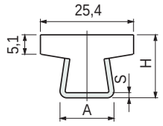


Part. 768

New Product

Microban® antibacterial protection

Chain-guide profile

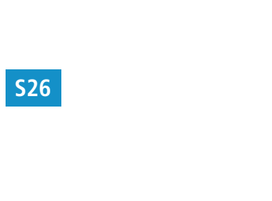


S mm	H mm	A mm
1,5	17	16
2	17,5	17

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
768	1,5	Inox AISI 304	3	**609083**	0,63
			6	**609093**	
		Zinc plated steel	3	**609103**	
	2	Inox AISI 304	3	**609113**	0,74
			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 x 10 $^{-5}$.
- Packaging : 24 metres.

Part. 767



New Product

Microban® antibacterial protection

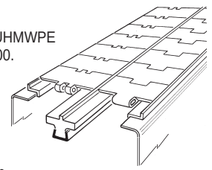
Chain-guide profile

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

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
767	1,5	Inox AISI 304	3	**609033**	0,72
			6	**609043**	
		Zinc plated steel	3	**609053**	
	2	Inox AISI 304	3	**609063**	0,82
			6	**609073**	

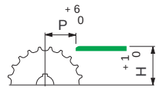
- Material : plastic profile in Polyethylene UHMWPE with molecular density 5.600.000 with Microban® antibacterial protection.
- Colour : white.
- Min. curvature radius : 160 mm.
- Linear expansion coefficient : 4 x 10 $^{-5}$.
- Packaging : 24 metres.

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



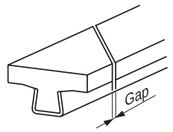
- **Linear expansion coefficient**
4 x 10. $^{-5}$
Calculation of thermal expansion see page S204.

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

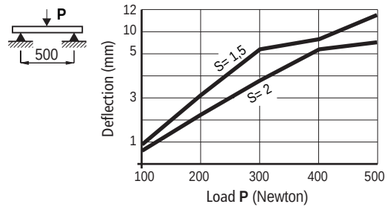


- **Positioning.** See page S205.

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

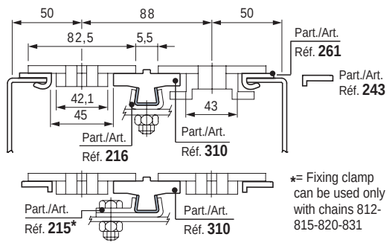


- **Deflection of** Part. 223-310-356



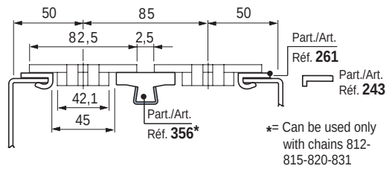
- **Table Top® chain** series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

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



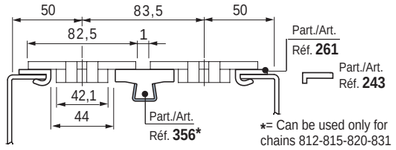
*= Fixing clamp can be used only with chains 812-815-820-831

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



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

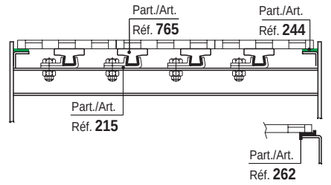
Chain width 82,5 mm (K 325) / Pitch 83,5 mm

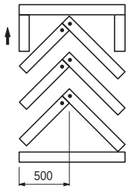


*= Can be used only for chains 812-815-820-831

- **MatTop® modular chain**

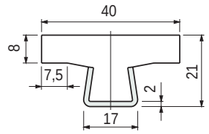
Parallel wear strip.
Recommended with medium-light loads.





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

Chain-guide profile



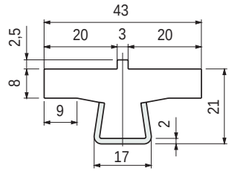
Part. 356

Microban® antibacterial protection

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

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

Chain-guide profile



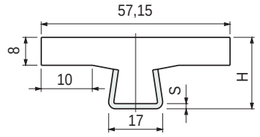
Part. 310

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

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

Chain-guide profile

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



Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
765	1,5	Inox AISI 304	3	**608943**	0,95
			6	**608953**	
		Zinc plated steel	3	**608963**	
	2	Inox AISI 304	3	**608973**	1,06
			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 x 10 $^{-5}$
- Packaging : 24 metres.

Part. 765

New Product

Microban® antibacterial protection

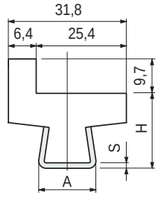
***** = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 766

New Product

Microban® antibacterial protection

Chain-guide profile



S mm	H mm	A 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	608903	0,82
			6	609003	
	2	Inox AISI 304	3	609013	0,93
			6	609023	

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

Part. 764

New Product

Microban® antibacterial protection

Chain-guide profile

S mm	H mm	A 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
			6	608913	
	2	Inox AISI 304	3	608923	1,03
			6	608933	

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

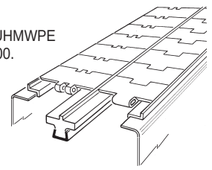
• MatTop® modular chain

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.



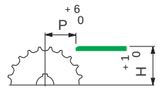
• Linear expansion coefficient

4 x 10. $^{-5}$

Calculation of thermal expansion see page S204.

• Operating temperature

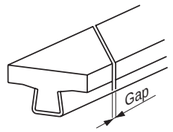
In air (- 40 a + 80 C).
In hot water (+ 70 C).



• Positioning. See page S205.

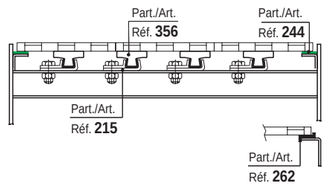
• Head Joint

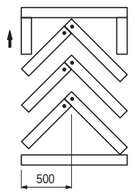
Head joint shall be made with a 45 cut to avoid steps and guarantee chain smooth mouvement.
With temperature encrease it is necessary to leave a gap wide enough to allow for thermal elongation of plastic parts.



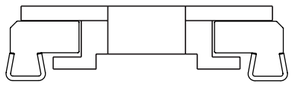
• MatTop® modular chain

Parallel wear strip.
Recommended with medium-light loads.



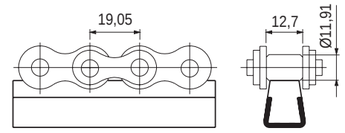


CHEVRON pattern.
Recommended with high loads (accumulation tables)
Chain wear is evenly distributed throughout the width.



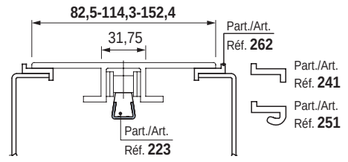
• Use of Part. 223

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

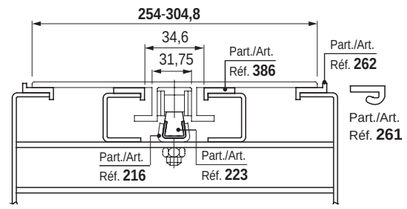


• PlateTop chain series 1874-4874-1873

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

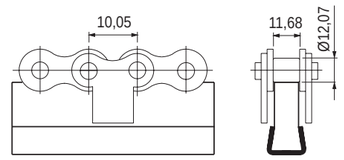


Chain width 254 mm (K 1000), 304,8 mm (K 1200)



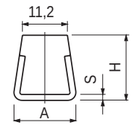
• Use of Part. 274

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



Part. 223

Chain-guide profile



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

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

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

Part. 274

Chain-guide profile

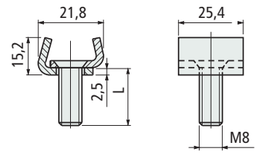
Part.	Colour	Length metres	Code	Weight kg/m
274	White	3	66801	0,79

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

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

Part. 903

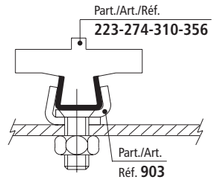
■ ViseClamp™



Part.	L mm	Code
903	20	**656001***

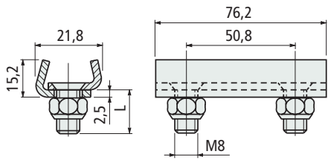
- Material : stainless steel AISI 303.
- Packaging : 50 pieces.

• Use of Part. 903



Part. 902

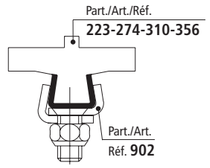
■ ViseSplice™



Part.	L mm	Code
902	15	**656041***

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

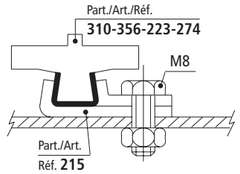
• Use of Part. 902



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

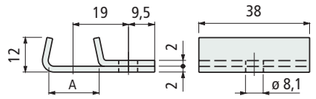
Chain-Guide Profile
for Part. 223 - 274 - 310 - 356
marbett®

• Use of Part. 215



■ Clamp

Part. 215

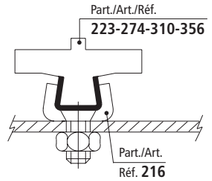


A = 16,5 mm (with S = 1,5)
A = 17 mm (with S = 2)

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

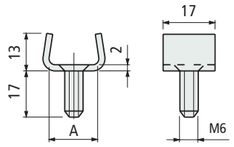
- Use : easy assembly of guide profiles Part. 310-356-223-274.
- Material : stainless steel AISI 304.
- Packaging : 50 pieces.

• Use of Part. 216



■ Clamp

Part. 216

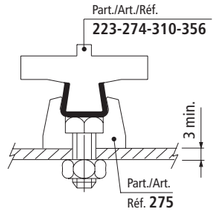


A = 16,5 mm (with S = 1,5)
A = 17 mm (with S = 2)

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

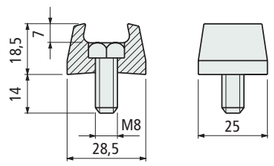
- Use : easy assembly of guide profiles Part. 310-356-223-274.
- Material : stainless steel AISI 304.
- Packaging : 50 pieces.

• Use of Part. 275



■ Clamp

Part. 275



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

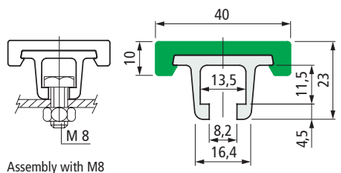
- Use : easy assembly of guide profiles Part. 310-356-223-274.
- Material : body in acetal resin POM (black), bolt in stainless steel AISI 304.
- Packaging : 100 pieces.

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

Part. 422

In alluminium

Chain-guide profile

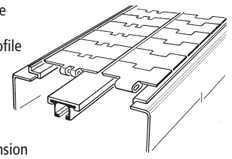


Assembly with M8 hexagon bolt

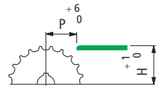
Part.	Colour	Length metres	Code	Weight kg/m
422	Verde	3	65248M	0,7
		6	65258M	

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

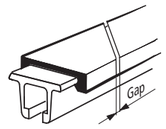
- **Material**
  Plastic profile in polyethylene UHMWPE with molecular density 5.600.000. Metal profile in anodized aluminium.



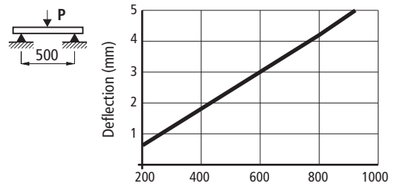
- **Linear expansion coefficient**
  2 x 10. $^{-4}$
  Calculation of thermal expansion see page S204.
- **Operating temperature**
  In air (- 40 a + 80 C).



- **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 mouvement. With temperature encrease it is necessary to leave a gap wide enough to allow for thermal elongation of plastic parts.

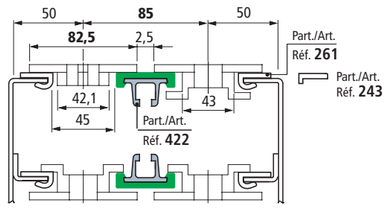


- **Deflection**

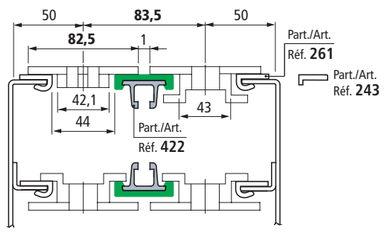


- **TableTop® chains** series 812 - 815 - 820 - 831- 881TAB - 8811TAB - 879TAB - 880TAB

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

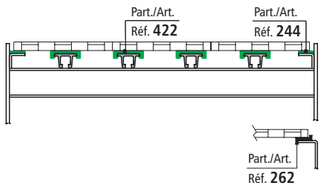


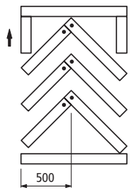
Chain width 82,5 mm (K 325) / Pitch 83,5 mm



- **MatTop® modular chains**

Parallel wear strips. Reccomended with medium-light loads.

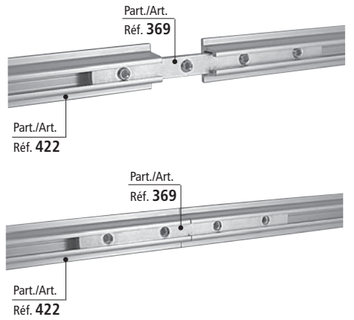




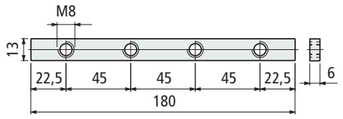
CHEVRON pattern. Recommended with high loads (accumulation tables). Chain wear is evenly distributed throughout the width.

for Part. 422

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



Connecting bar

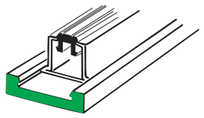


Part.	Code
369	69995

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

Part. 369

Sealing profile



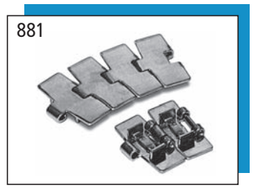
Part.	Code
370	61036*

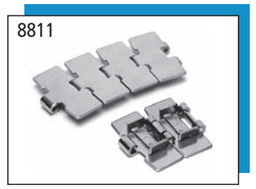
- Use : when applied to the metal profile, this product improves guide cleanliness.
- Material : rubber EPDM 80 (black).
- Standard packaging : coil.
- Packaging : 20 metres.

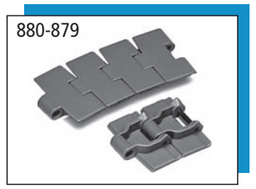
Part. 370

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

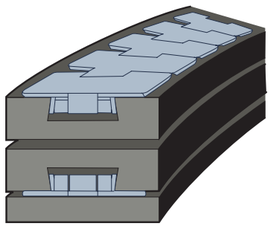
Corner tracks and straight tracks for TableTop® Series:
- 880 BEVEL
- 879 BEVEL
- 8811 BEVEL
- 881 BEVEL



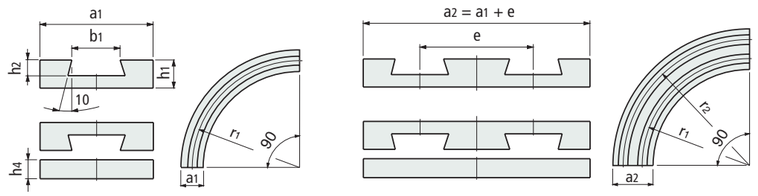




Series KSU

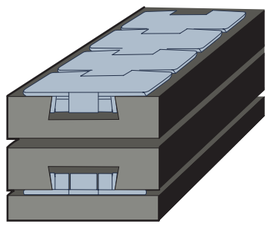


Corner tracks

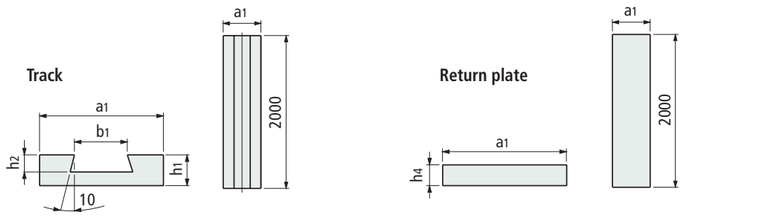


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	± 0.5 b1 mm	h1 mm	h2 mm	h4 mm	Pitch e mm	Code 1 strand
880-K325, 879-K325 881-K325, 8811-K325	82,5	500	100	41,4	25	18	16	90	**787.00.85**
880-K450, 881-K450 8811-K450	114,3	610	125	41,4	25	18	16	120	**787.00.17**
881-K750 8811-K750	190,5	610	200	41,4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

Series SSU



Straight tracks

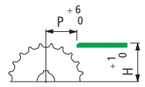


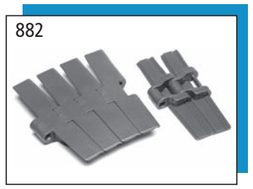
Type of chain	Chain width mm	Width a1 mm	b1 mm	h1 mm	h2 mm	h4 mm	Code Track	Code Return plate
880-K325, 879-K325 881-K325, 8811-K325	82,5	100	41,4	25	17	15	**787.90.02**	**787.90.03**
880-K450 881-K450 8811-K450	114,3	130	41,4	25	17	15	**787.90.18**	**787.90.19**

- **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.

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

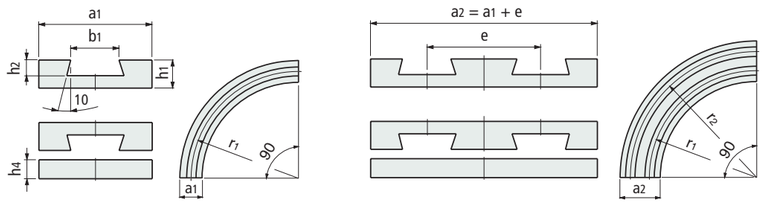
- **Linear expansion coefficient :** 2 x 10.$^{-4}$
  Calculation of thermal expansion see page S204.
- **Operating temperature :**
  In air (-40 to + 80 C).
  In hot water (+ 70 C).
- **Positioning :** see page S205.





Corner tracks for TableTop®
Series:
- 882 BEVEL

Corner tracks

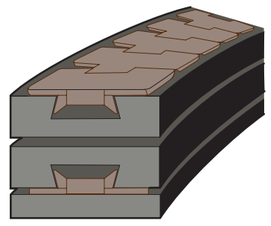


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	± 0.5 b1 mm	h1 mm	h2 mm	h4 mm	Pitch e mm	Code 1 strand
882 - K450	114,3	610	125	58	27	21	16	120	**787.00.95**
882 - K750	190,5	610	200	58	27	21	16	195	**787.00.96**
882 -K1000	254	610	265	58	27	21	16	260	**787.01.06**

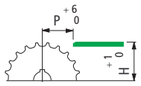
- **Material :** polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging :** the corner tracks are supplied complete with carry and return sections.
- **Special dimensions** on application.

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

Series KSU200



- **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).
- **Positioning :** see page S205.



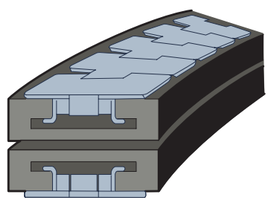
Corner tracks and straight tracks for TableTop® Series:
- 881 TAB
- 8811 TAB
- 879 TAB - 879 TAB BO
- 880 TAB - 880 TAB BO
- RH - RHD
- FT 1050 TAB - FT 1055 TAB
- LBP 879 BO

881TAB-8811TAB

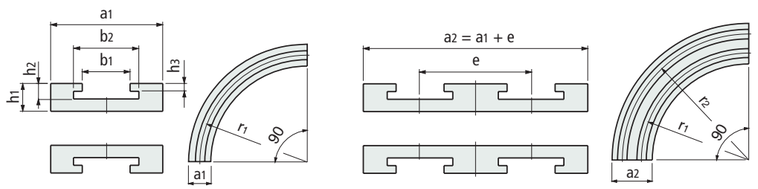
879TAB-879TAB BO
880TAB-880TAB BO-RH-RHD

FT1050TAB-FT1055TAB

Series KTU

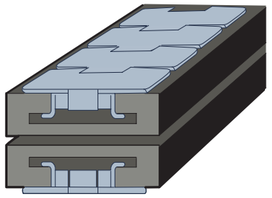


Corner tracks

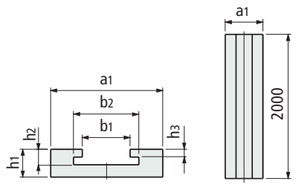


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	± 0.5 b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code 1 strand
879TAB-K325, 880TAB-K325 880TAB BO-K325, 879TAB BO-K325 881TAB-K325, 8811TAB-K325 SRH325, RH325, RHD325 FT1050TAB, FT1055TAB LBP879 BO-K325	82,5	500	100	45	70	25	20	10	90	**787.00.02**
879TAB-K450, 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

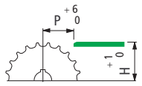


Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
879TAB-K325, 880TAB-K325 880TAB BO-K325, 879TAB BO-K325 881TAB-K325, 8811TAB-K325 SRH325, RH325, RHD325 FT1050TAB, FT1055TAB LBP879 BO-K325	82,5	100	45	70	25	20	10	**787.90.09**
879TAB-K450, 880TAB-K450 879TAB-K450 BO, 880TAB-K450 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.

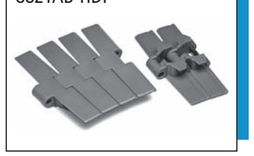
- **For multiple strand versions please refer to Customer Service and/or Chain Catalogue**

- **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).
- **Positioning :** see page S205.

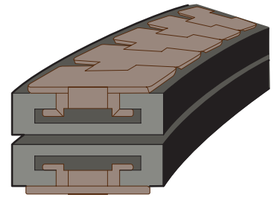


Corner tracks and straight tracks for TableTop® Series:
- 882 TAB
- HDF

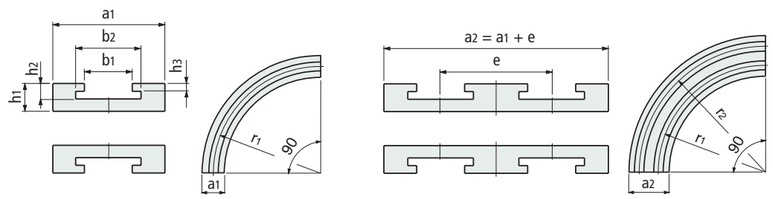
882TAB-HDF



Series KTU200

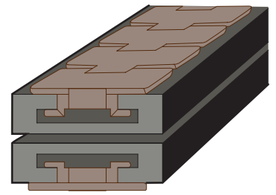


Corner tracks

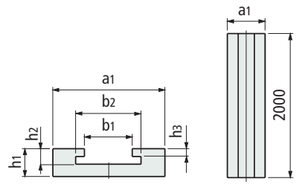


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code 1 strand
882TAB-K450 HDF450	114,3	610	130	60	90	30	24	15	**120**	**787.02.80**
882TAB-K750 HDF 750	190,5	610	210	60	90	30	24	15	**195**	**787.00.54**
882TAB-K1000 HDF1000	254	610	270	60	90	30	24	15	**260**	**787.00.06**
882TAB-K1200 HDF1200	304,8	610	320	60	90	30	24	15	**310**	**787.00.21**

Series STU200



Straight tracks

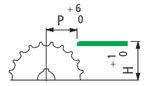


Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
882TAB-K450 HDF450	114,3	130	60	90	30	24	15	**787.90.17**
882TAB-K750 HDF 750	190,5	210	60	90	30	24	15	**787.90.05**
882TAB-K1000 HDF1000	254	270	60	90	30	24	15	**787.90.06**
882TAB-K1200 HDF1200	304,8	320	60	90	30	24	15	**787.90.07**

- **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.

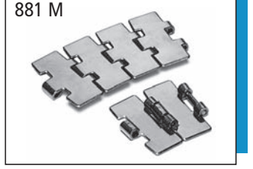
- **For multiple strand versions please refer to Customer Service and/or Chain Catalogue**

- **Linear expansion coefficient :** 2 x 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

881 M



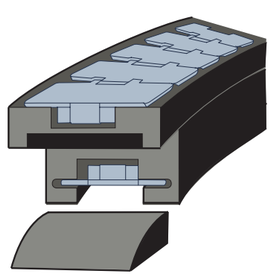
RHM

RHMD 325 LBP

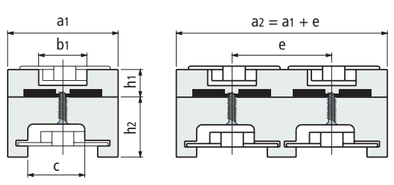
HDFM

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 1 strand	Version Number
	82,5 / 83,8	500	100	0	44	50	27	55*	85	-	-	-	**704.15.01**	C7
881M-K325 10M31M 45M31M 60M31(S)M 66M31(S)M 60M31RM 60M84SM 66M84SM RHMP325 RHMDP325 RHMP84	82,5 / 83,8	500	100	100	44	50	27	63	85	20	20	M8	**704.14.01**	C6
	82,5 / 83,8	500	111	100	44	50	27	63	85	20	20	M8	**704.08.01**	C4
	82,5 / 83,8	500	111	100	44	50	27	63	85	20	20	M8	**704.19.01**	C14
	82,5 / 83,8	500	100	125	44	50	27	55	89	0	30	M6	**704.05.01**	C1
	82,5 / 83,8	500	100	100	44	50	27	55	90	0	30	M8	**704.06.01**	C2
	82,5 / 83,8	500	110	0	44	50	27	55	90	0	30	M8	**704.07.01**	C3
	82,5 / 83,8	680	100	100	44	50	27	55	-	0	30	M8	**704.09.01**	C5A
	82,5 / 83,8	750	111	100	44	50	27	63	85	20	20	M8	**704.28.01**	C42
	82,5 / 83,8	860	100	125	44	50	27	55	-	0	30	M8	**704.11.01**	C5C
	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 45M42M, 60M42M RHMP450, RHMDP450	114,3	500	129	125	44	54	27	63	120	20	20	M6	**714.08.01**	C21A
	114,3	610	129	125	44	54	27	63	120	20	20	M6	**714.09.01**	C22A
881M-K750, 10M72M 60M72M, 66M72(R)M	190,5	610	214	125	44	54	27	63	196	20	20	M6	**724.05.01**	C61
	190,5	860	214	0	44	54	27	55	-	0	30	M6	**724.11.01**	C66
	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

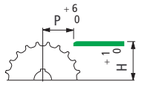
* = For gorner tracks 2 or more strands h2 = 63mm.

- 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 x 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.

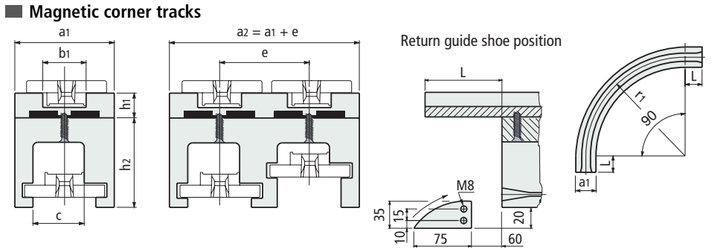


FGM 1050

FTM 1060 - FTM 1055

Curve magnetiche
for TableTop® Series:
- FGM 1050
- FTM 1060
- FTM 1055

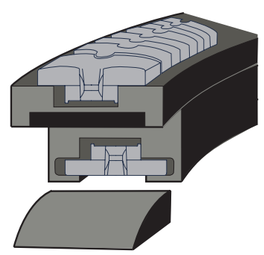
Magnetic corner tracks



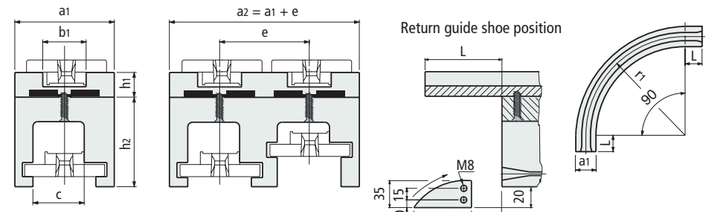
Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	L mm	b1 mm	c mm	h1 mm	h2 mm	Pitch e mm	n mm	g mm	M	Code 1 strand	Version Number
FGM1050 FTM1060	83,8	500	100	0	44	50	27	55 (63•)	85	-	-	-	**604.15.01**	CB7
	83,8	500	100	100	44	50	27	63	85	60	20	M8	**604.14.01**	CB6
	83,8	500	111	100	44	50	27	63	85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



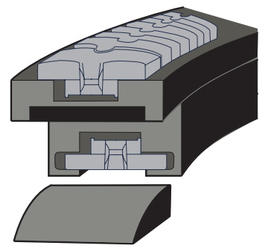
Magnetic corner tracks



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
FTM1055	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
	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 strands.

Series COMBI CC

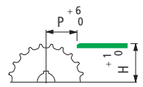


- Magnetic corner tracks allow for easy maintenance and cleaning because the chain can be easily lifted when the conveyor is stopped. On the other hand they keep the chain flat when working.

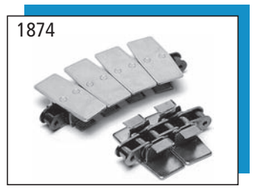
- **Material :** polyethylene UHMWPE (black).
- **Standard packaging :** the corner tracks are supplied complete with carry and return sections.

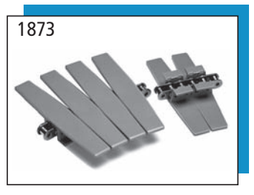
- **For multiple strand versions please refer to Customer Service and/or Chain Catalogue**

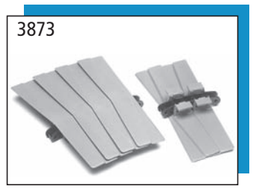
- **Linear expansion coefficient :** 2 x 10.$^{-4}$
  Calculation of thermal expansion see page S204.
- **Operating temperature :**
  In air (-40 to + 80 C).
  In hot water (+ 70 C).
- **Positioning :** see page S205.



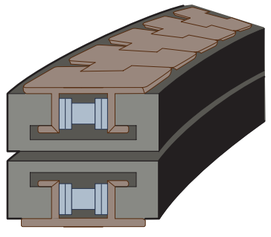
Corner tracks and straight tracks for PlateTop Series:
- 1874
- 1873
- 3873



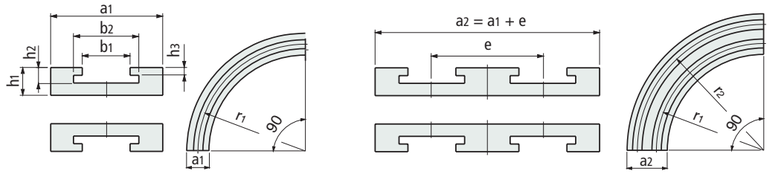




Series KTU300

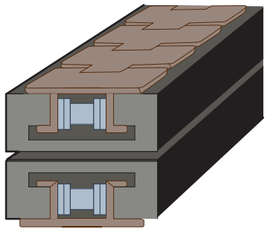


Corner tracks

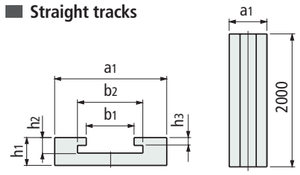


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 ± 0.5 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code 1 strand
1873-K325 1874-K325	82,5	500	100	34,6	70	36	29	19	90	**787.01.13**
1873-K450 1874-K450	114,3	500	125	34,6	70	36	29	19	120	**787.01.16**
1873-K600 1874-K600	152,4	610	160	34,6	70	36	29	19	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

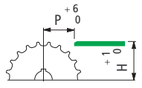


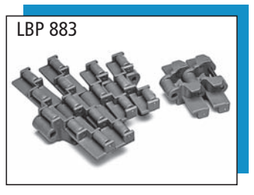
Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
1873-K325 1874-K325	82,5	100	34,6	70	36	29	19	**787.45.27**
1873-K450 1874-K450	114,3	125	34,6	70	36	29	19	**787.47.56**
1873-K600 1874-K600	152,4	160	34,6	70	36	29	19	**787.47.97**
1873-K750 1874-K750	190,5	200	34,6	70	36	29	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**

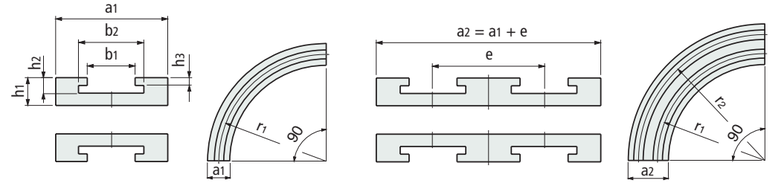
- **Linear expansion coefficient :** 2 x 10.$^{-4}$ Calculation of thermal expansion see page S204.
- **Operating temperature :**
  In air (-40 to + 80 C).
  In hot water (+ 70 C).
- **Positioning :** see page S205.



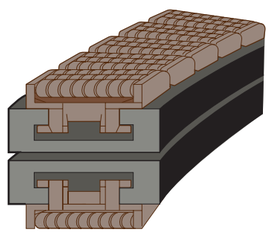


Corner tracks and straight tracks for TableTop® Series:
- LBP 883

Corner tracks



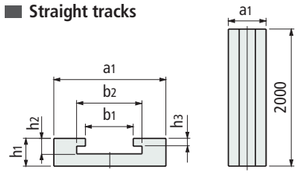
Series KTU200



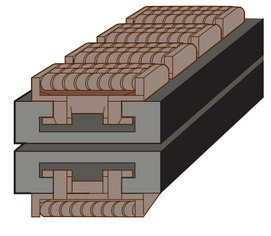
Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code 1 strand
LBP883TAB-K450	114,3	610	130	60	90	30	24	15	*	**787.02.80**
LBP883TAB-K750	190,5	610	210	60	90	30	24	15	*	**787.00.54**

* = To be specified upon order.

Straight tracks



Series STU200

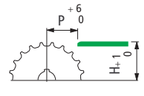


Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
LBP883TAB-K450	114,3	130	60	90	30	24	15	**787.90.17**
LBP883TAB-K750	190,5	210	60	90	30	24	15	**787.90.05**

- **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 x 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.



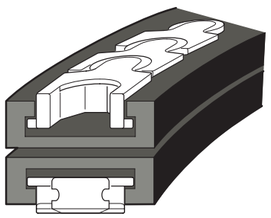
Corner tracks and straight tracks for Multiflex chains
Series:
- 1700 TAB K
- 1790 TAB K
- 1710 TAB K
- 1713 TAB K

1700 TAB K - 1790 TAB K

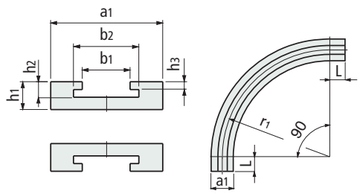
1710 TAB K

1713 TAB K

Series **KTU500**

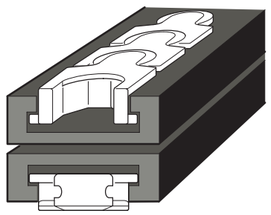


Corner tracks

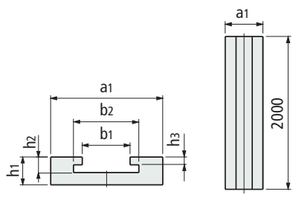


Type of chain	Chain width mm	Tadius r1 mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	L mm	Code
1700TABK 1790TABK	55	250	100	58	70	40	21	12	50	**787.03.31**
		500	100	58	70	40	21	12	50	**787.01.81**
1710TABK	98	250	110	58	70	40	31	22	50	**787.02.97**
		500	110	58	70	40	31	22	50	**787.00.40**
1713TABK	253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

Series **STU500**

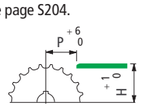


Straight tracks

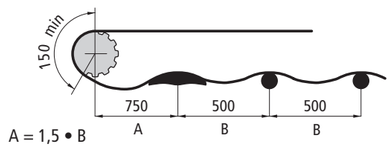


Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
1700TABK 1790TABK	55	100	58	70	40	21	12	**787.40.74**
1710TABK	98	110	58	70	40	31	22	**787.90.11**
1713TABK	253	270	58	70	40	30	20	**787.90.20**

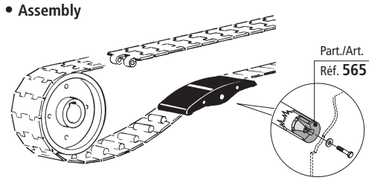
- **Material :** polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging :** the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.
- **Linear expansion coefficient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

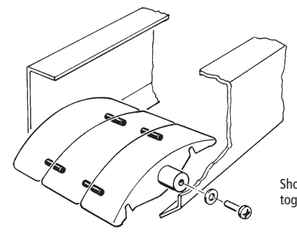


- **Positioning**



- **Assembly**

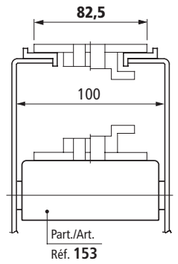




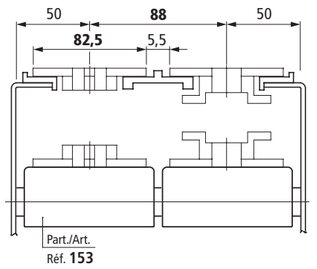
Shoes can be pinned together

- **TableTop®chains / PlateTop chains**

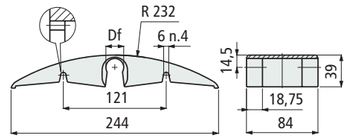
Chain width 82,5 mm (K 325)



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



Wear shoe



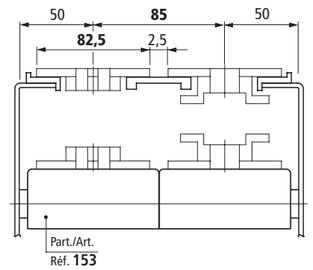
Part.	Shaft dia. mm	Bore dia. Df mm	Material	Code
153	18	18,5	UNL ™ (aubergine)	**609423***
			Polyethylene PE (green)	**608692N**
			Polyamide PA (black)	**684221N**
	20	20,5	Polyethylene PE (green)	**684231N**
			UNL ™ (aubergine)	**609433***

* = *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.

Part. 153

Snap-on assembly

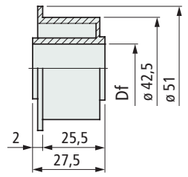
Chain width 82,5 mm (K 325) / Pitch 85 mm



Part. 73

Dia. 42,5 mm

Roller

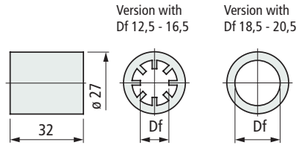


Part.	Shaft dia. mm	Bore dia. Df mm	Code
73	**12**	12,5	**50660***
	16	16,5	**62946**
	18	18,5	**50670***
	20	20,5	**50680**

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

Part. 126

Separator



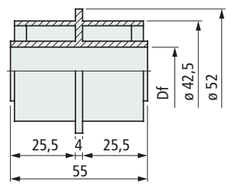
Part.	Shaft dia. mm	Bore dia. Df mm	Code
126	**12**	12,5	**65396***
	16	16,5	**65406**
	18	18,5	**65416***
	20	20,5	**62520**

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

Part. 125

Dia. 42,5 mm

Double roller



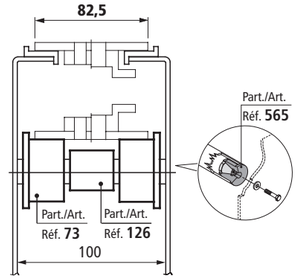
Part.	Shaft dia. mm	Bore dia. Df mm	Code
125	**12**	12,5	**62956***
	16	16,5	**62966**
	18	18,5	**62976***
	20	20,5	**62510**

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

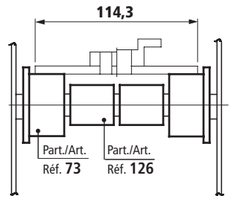
*** :** items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• TableTop® chains / PlateTop chains

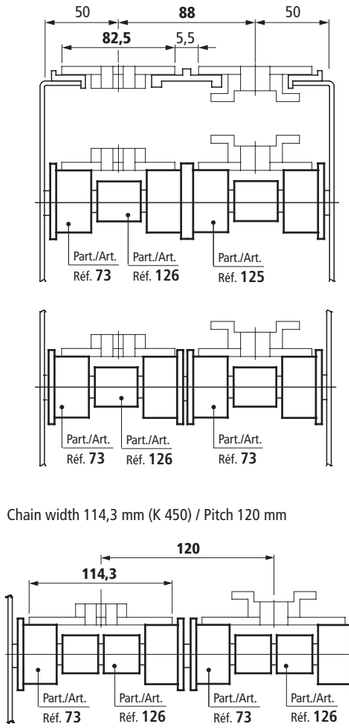
Chain width 82,5 mm (K 325)



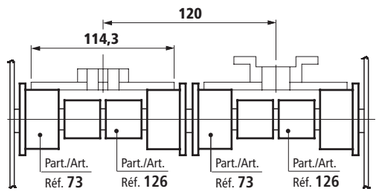
Chain width 114,3 mm (K 450)



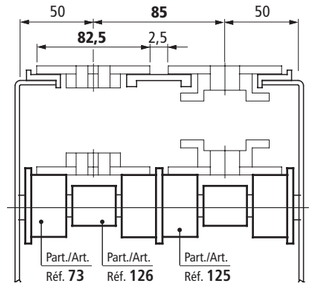
Chain width 82,5 mm (K 325) / Pitch 88 mm



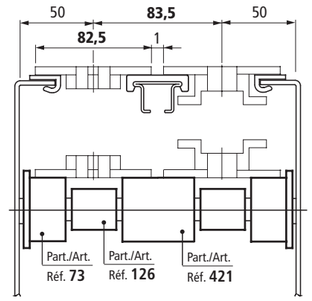
Chain width 114,3 mm (K 450) / Pitch 120 mm



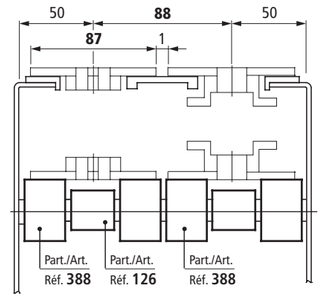
Chain width 82,5 mm (K 325) / Pitch 85 mm



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

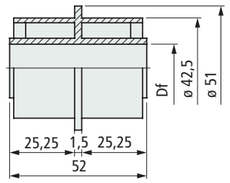


Chain width 87 mm (K 343) / Pitch 88 mm



Multi strand conveyors, with 82,5 mm width chains and pitch 88 mm, can be modified to convey PET bottles with pethal bottom or other unstable products.
Change chains from 82,5 mm to 87 mm width and wear strips, in this way the Gap between chains is reduced from 5,5 mm to 1 mm while the conveyor frame is unchanged.
See page S21.

Double roller



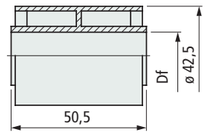
Part.	Shaft dia. mm	Bore dia. Df mm	Code
125	**12**	12,5	**63898***
	16	16,5	**63908***
	18	18,5	**63918***
	20	20,5	**68873**

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

Part. 125

Dia. 42,5 mm

Roller



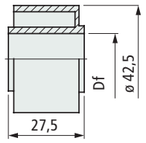
Part.	Shaft dia. mm	Bore dia. Df mm	Code
421	**12**	12,5	**63858***
	16	16,5	**63868**
	18	18,5	**63878***
	20	20,5	**63888**

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

Part. 421

Dia. 42,5 mm

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

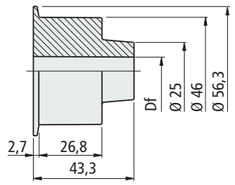
*** :** items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 727

Dia. 46 mm

New Product

■ Roller



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

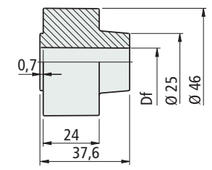
- Material : polyethylene PE (white).
- Packaging : 100 pieces.

Part. 728

Dia.46 mm

New Product

■ Roller



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

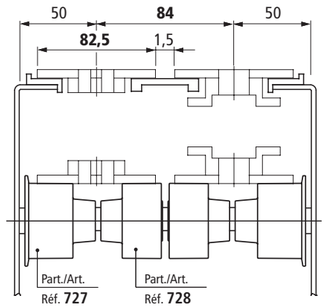
- Material : polyethylene PE (white).
- Packaging : 100 pieces.

Characteristics

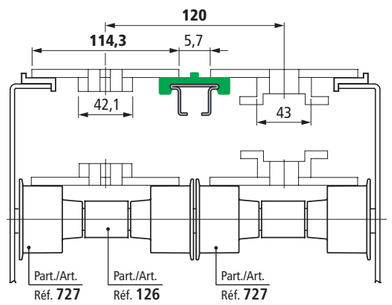
- Completely closed design for the maximum hygiene.
- Material polyethylene PE (white) ideal for applications in the food industry.

Microban® antibacterial protection — On request available with antimicrobial protection.

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

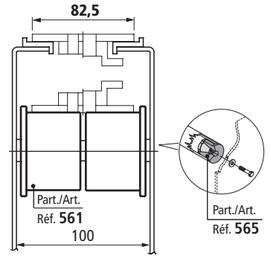


Chain width 114,3 mm (K450) / Pitch 120 mm

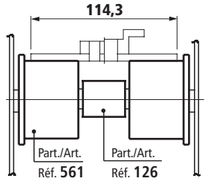


- TableTop® chains / PlateTop chains

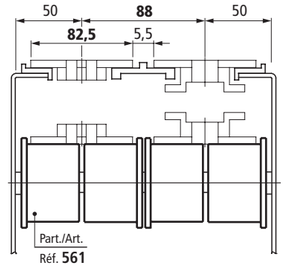
Chain width 82,5 mm (K325)



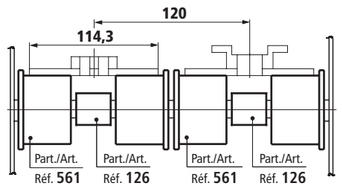
Chain width 114,3 mm (K450)



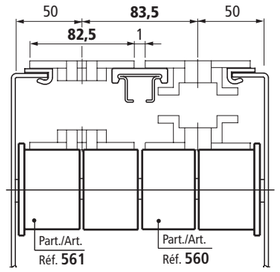
Chain width 82,5 mm (K325) / Pitch 88 mm



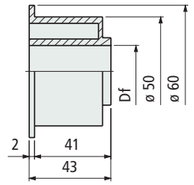
Chain width 114,3 mm (K450) / Pitch 120 mm



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



■ Roller



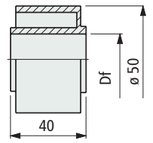
Part.	shaft dia. mm	Bore dia. Df mm	Code
561	15	15,5	697561*

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

Part. 561

Dia. 50 mm

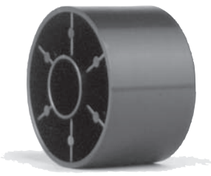
■ Roller



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

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

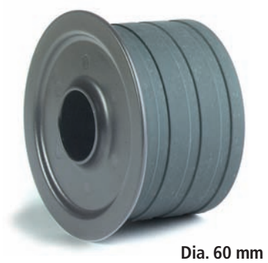
Part. 560



Dia.50 mm

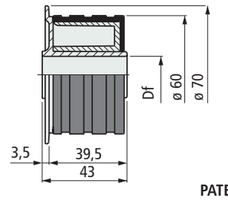
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

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

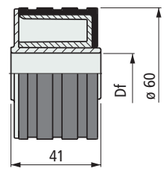
- Characteristics : completely closed design. Rubber surface for less noise even in high speed conveyors. Hub in acetal for low friction.
- Material : roller in acetal POM (grey). 65 shore hardness
- Packaging : 100 pieces.

Part. 613

Dia. 60 mm

Microban® antibacterial protection

Roller (with rubber surface)



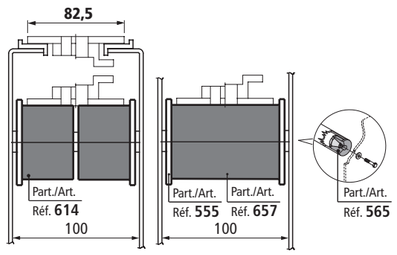
PATENTED

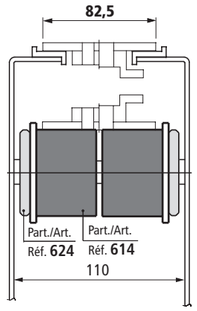
Part.	shaft dia. mm	Bore dia. Df mm	Code with Microban®	Code without Microban®
613	15	15,5	–	615342
	16	16,5	–	615352
	18	18,5	–	615362
	20	20,5	652012	615372

- 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.

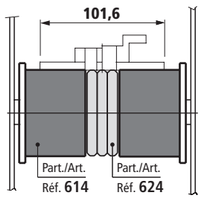
• TableTop® chains / PlateTop chains

Chain width 82,5 mm (K 325)

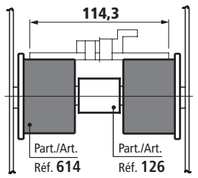




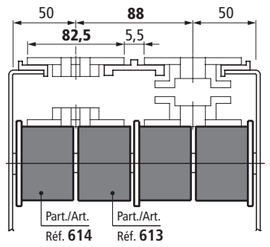
Chain width 101,6 mm (K400)



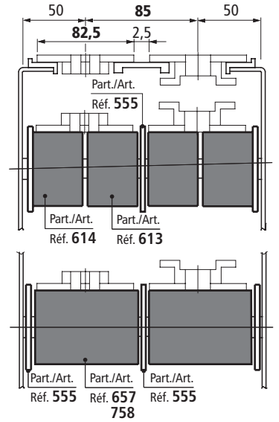
Chain width 114,3 mm (K 450)



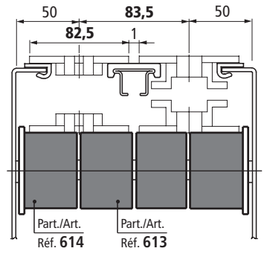
Chain width 82,5 mm (K 325) / Pitch 88 mm



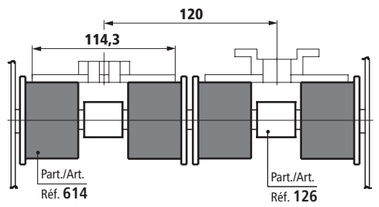
Chain width 82,5 mm (K 325) / Pitch 88 mm



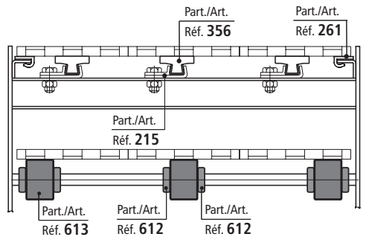
Chain width 82,5 mm (K 325) / Pitch 83,5 mm



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

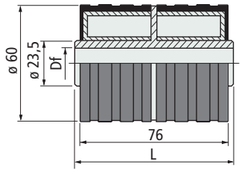


• MatTop® modular chains



Double roller (with rubber surface)

Part. 657



Dia. 60 mm

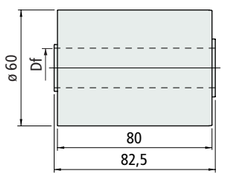
PATENTED

	shaft dia. mm	Bore dia. Df mm	Code L = 82	Code 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

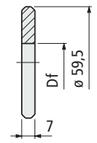
Dia. 60 mm

Part.	Material	shaft dia. mm	Bore dia. Df mm	Code
758	UNL™	18	18,5	608183
		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

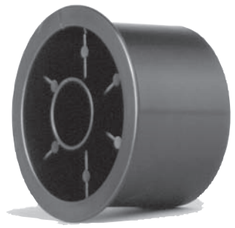
Part. 624



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

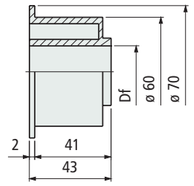
- Assembly : to be applied to rollers Part. 556-614.
- Material : Polyethylene PE (white).
- Packaging : 100 pieces.

Part. 556



Dia. 60 mm

■ Roller



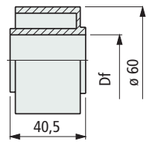
Part.	shaft dia. mm	Bore dia. Df mm	Code
556	**15**	15,5	**695221***
	16	16,5	**695231**
	18	18,5	**695241***
	20	20,5	**695251**

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

Part. 554

Dia. 60 mm

■ Roller



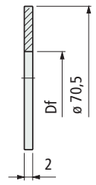
Part.	shaft dia. mm	Bore dia. Df mm	Code
554	**15**	15,5	**695141***
	16	16,5	**695151**
	18	18,5	**695161***
	20	20,5	**695171**

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

Part. 555

For Part. 554-613

■ Guide flange



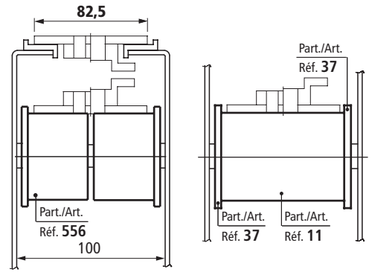
Part.	shaft dia. mm	Bore dia. Df mm	Code
555	**15**	15,2	**695181***
	16	16,2	**695191**
	18	18,2	**695201***
	20	20,2	**695211**

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

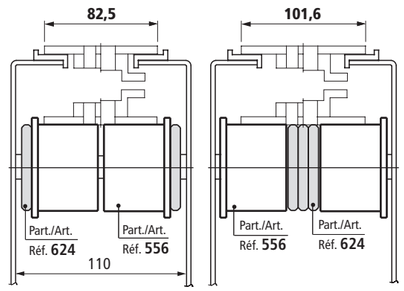
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• **TableTop® chains / PlateTop chains**

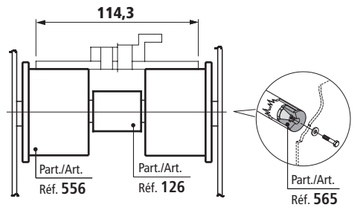
Chain width 82,5 mm (K 325)



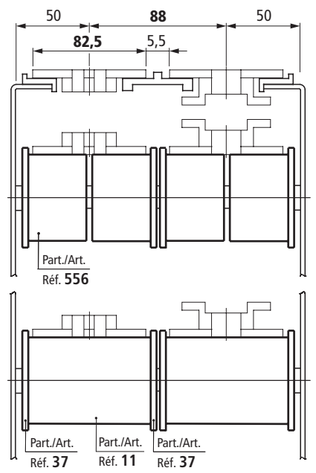
Chain width 82,5 mm (K325) - 101,6 mm (K400)



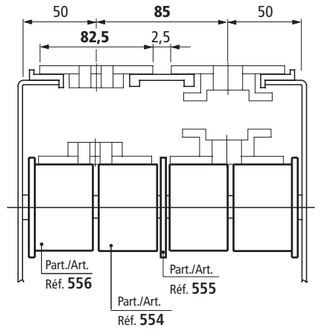
Chain width 114,3 mm (K 450)



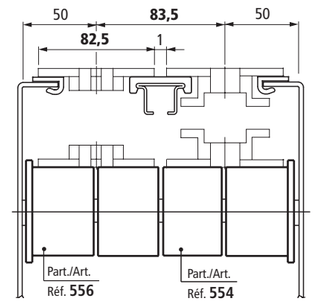
Chain width 82,5 mm (K 325) / Pitch 88 mm



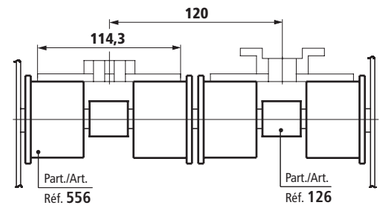
Chain width 82,5 mm (K 325) / Pitch 85 mm



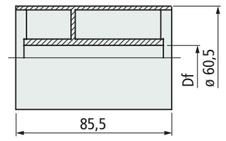
Chain width 82,5 mm (K 325) / Pitch 83,5 mm



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

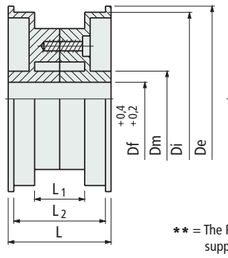
For Part. 11

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

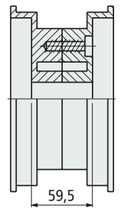
Part. 67-22-74

Rollers

Part. 67 (Df 30) **- 22 - 74**



Part. 67 (Df 40)



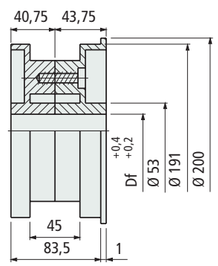
** = The Part. 67 with Df 40 is supplied without hub

Part.	De mm	Di mm	Dm mm	L1 mm	L2 mm	L mm	Bore dia. Df mm	Code
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

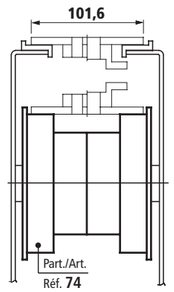
Roller



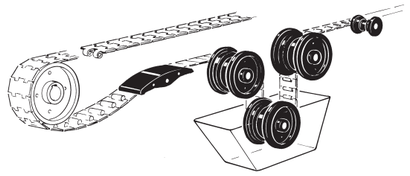
Part.	Bore dia. Df mm	Code	Weight Kg
22 M	30	**64507**	0,49

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

Chain width 101,6 mm (K 400)

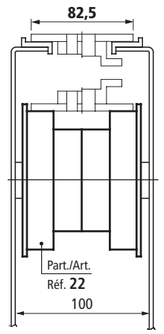


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

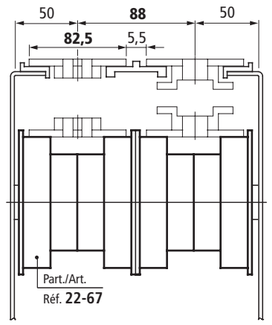


- **TableTop® chains**

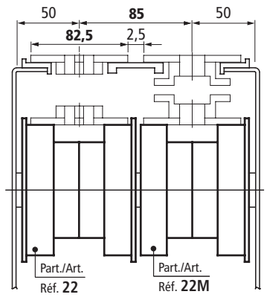
Chain width 82,5 mm (K 325)



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

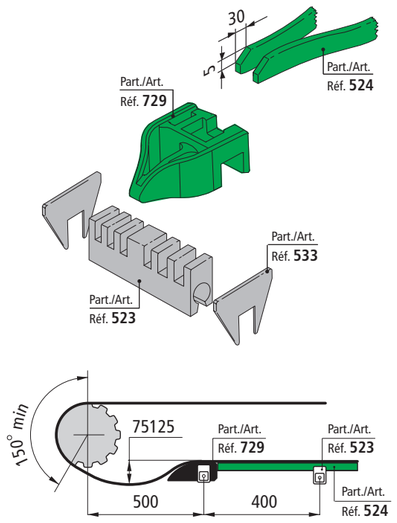


Chain width 82,5 mm (K 325) / Pitch 85 mm

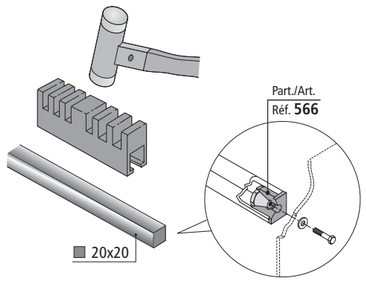


- With 3 track conveyors: use 1 Part. 22 and 2 Part. 22 M.
- With 4 track conveyors: use 1 Part. 22 and 3 Part. 22 M, etc.

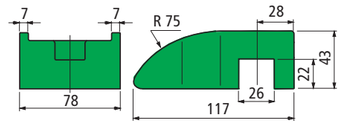
- **Assembly Part. 729**
Assembly : press-fit. Interference fixed
For assembly schemes see page S56-S57.



- **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**	

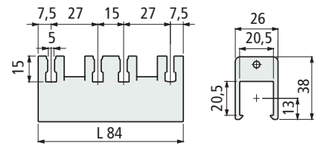
- New design offers less and more uniform wear of chains and better cleanability.
- PE Polyethylene (UHMWPE) version can be used both with plastic chains and metal chains. PA Polyamide version is recommended for metal chains
- Packaging : 50 pieces

Part. 729

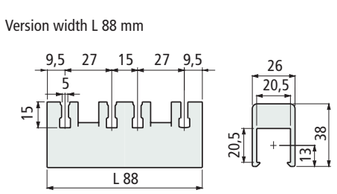
New Product

Spacer for square profiles

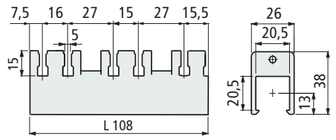
Version width L 84 mm



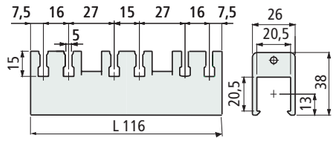
Version width L 88 mm



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

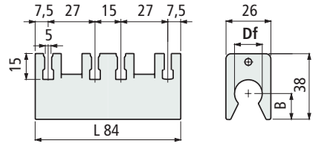
* = *New Product*
- Material : Polyamide PA (black).
- Packaging : 100 pieces

Part. 523

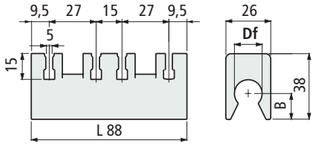
Part. 523

Spacer for round profile

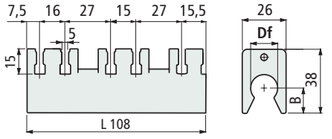
Version with L 84 mm



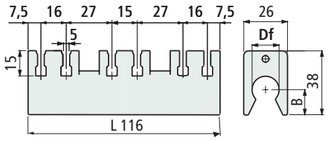
Version width L 88 mm



Version width L 108 mm

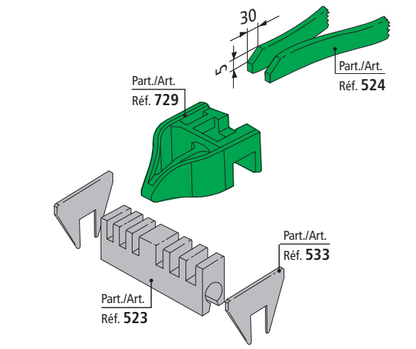


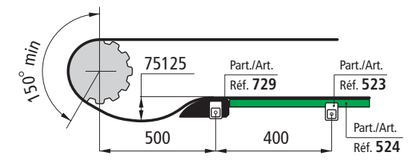
Version width L 116 mm



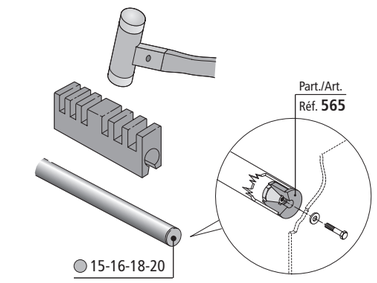
Part.	Width L mm	Bore dia. Df mm	Bore dia. Df inch	Code	B mm	Weight Kg
523	L 84	15	—	643461*	15,5	0,04
		16	—	643471*	15	
		18	—	643481*	14	
		20	—	643491	13	
		—	3/4"	692112•	13	
	L 88	20	—	698442•	13	0,05
		—	3/4"	698452•	13	
	L 108	20	—	698422•	13	0,05
		—	3/4"	698432•	13	
	L 116	20	—	692132•	13	0,05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

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



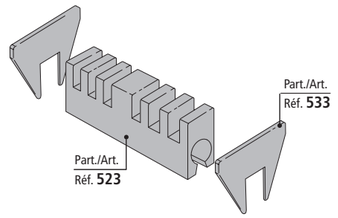


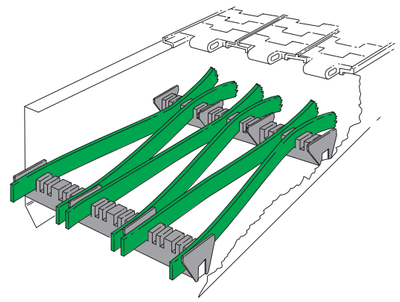
• **Assembly Part. 523**
Snap-on assembly on round steel profiles.
For assembly schemes see page S56-S57



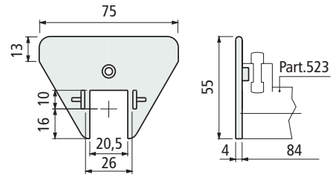
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

for Part. 523





Striker

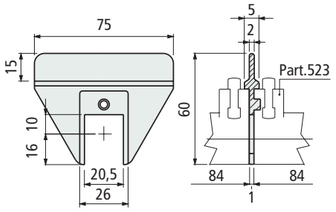


Part.	Code	Weight Kg
533	672801	0,01

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

Part. 533

Striker (centre)

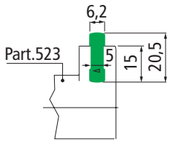


Part.	Code	Weight Kg
533	672811*	0,01

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

Part. 533

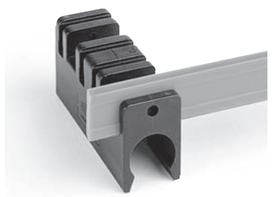
Sliding profile



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.

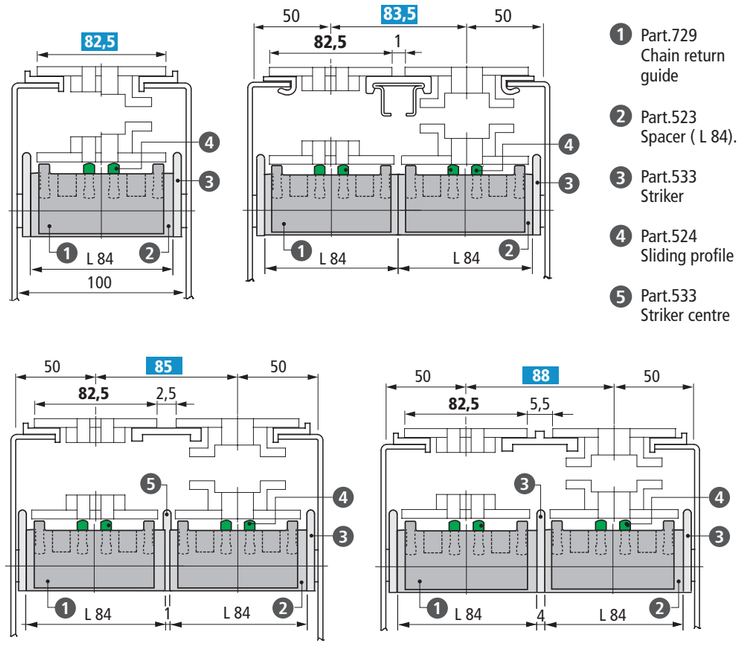
Part. 524



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

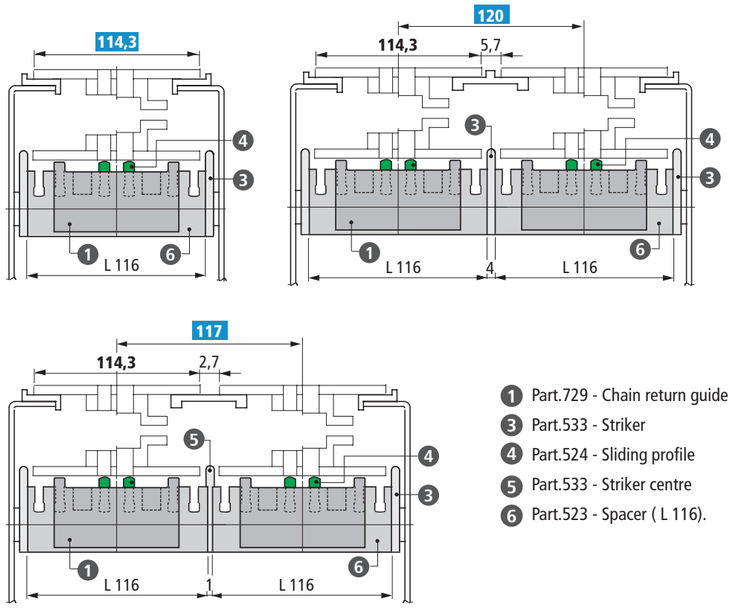
Assembly schemes for:
Part. 729-523-533-524.

- **Chain width 82,5 mm (K325)**



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

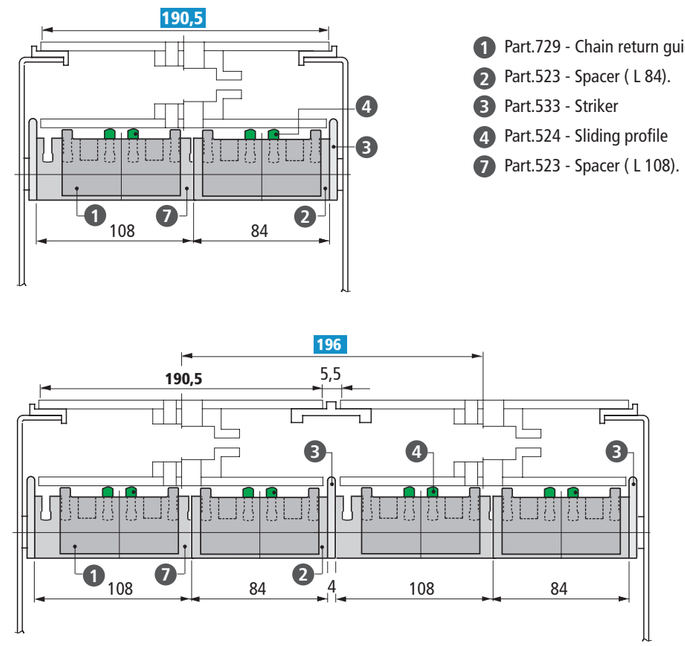
- **Chain width 114,3 mm (K450)**



1. Part.729 - Chain return guide
3. Part.533 - Striker
4. Part.524 - Sliding profile
5. Part.533 - Striker centre
6. Part.523 - Spacer (L 116).

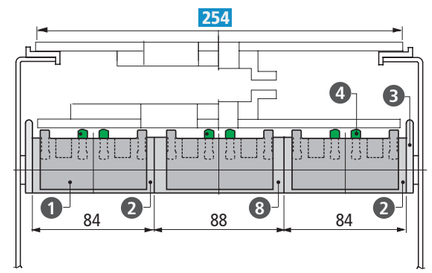
Assembly schemes for:
Part. 729-523-533-524.

- **Chain width 190,5 mm (K750)**



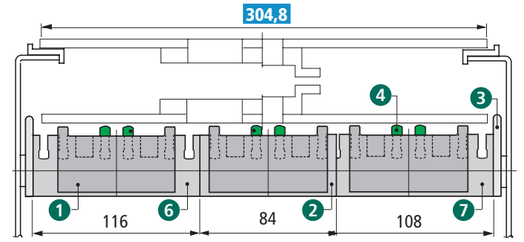
1. Part.729 - Chain return guide
2. Part.523 - Spacer (L 84).
3. Part.533 - Striker
4. Part.524 - Sliding profile
7. Part.523 - Spacer (L 108).

- **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)**

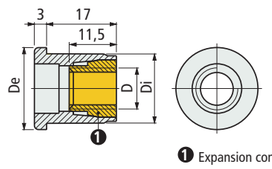


1. Part.729 - Chain return guide
2. Part.523 - Spacer (L 84).
3. Part.533 - Striker
4. Part.524 - Sliding profile
6. Part.523 - Spacer (L 116).
7. Part.523 - Spacer (L 108).

Part. 565

for round tubes Dia. 18-20 mm

Expansion plugs



1 Expansion cone

Part.	Tube dimensions: 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
	Ø 20	1,5	17	M8	20	17	698681
				M10	20	17	698691

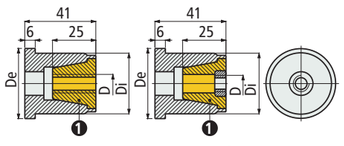
- Material : plug in polyamide PA (black), expansion cone in brass.
- Standard packaging : expansion cone is supplied separated from the plug.
- Weight : 0,01Kg.
- Packaging : 100 pieces.
- Max recommended tightening torque : 1 Kgm.

Part. 179

for round tubes Dia. 38-42,4 mm

Expansion plugs

Expansion cone in brass — **Expansion cone in reinforced polyamide PA FV**



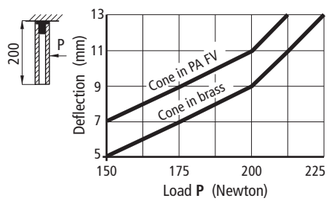
1 Expansion cone

Part.	Tube dimensions: Outside dia.mm	Thickness mm	Inside dia. mm	Thread D	De mm	Di mm	Code
• Expansion cone in brass							
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
• Expansion cone in reinforced polyamide PA FV							
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*

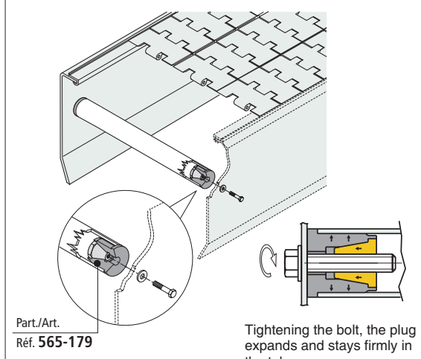
- Material : plug in reinforced polyamide PA (black), expansion cone in brass or in reiforced polyamide PA FV.
- Weight : 0,10 Kg.
- Packaging : 50 pieces.
- Max recommended tightening torque : 2,5 Kgm (for M8), 4 Kgm (for M10).

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

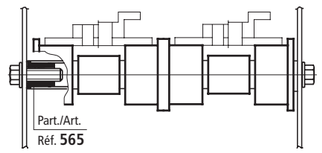
• **Deflection** of Part. 179



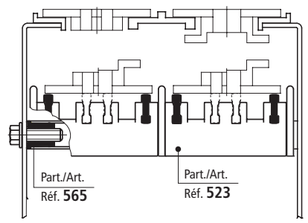
• **Assembly** Part. 565 - 179



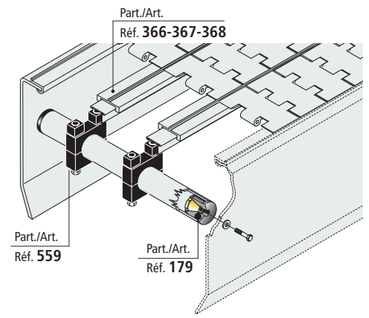
• **Application example** of Part.565 for return chain rollers



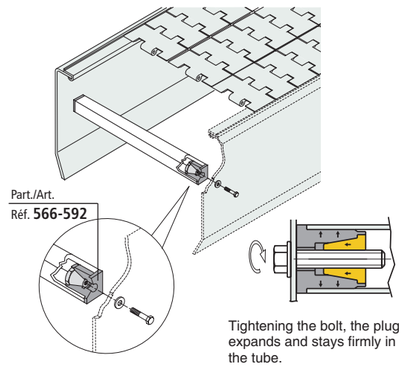
• **Application example** of Part.565 for serpentine return



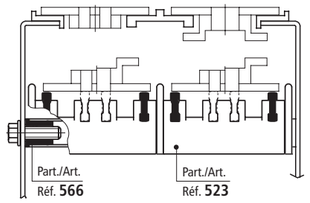
• **Application example** of Part.179 for supporting chain guide profile Part.366-367-368



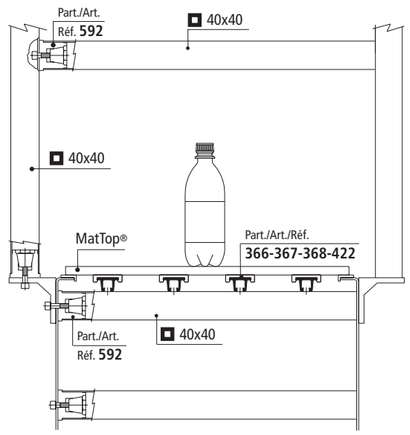
• **Assembly** Part. 566 - 592



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

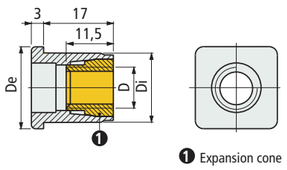


• **Application example** of Part.592 for modular chain conveyors to support profiles Part.366-367-368-422



Expansion plugs

Part. 566



1 Expansion cone

for tubes ⍁ 20 mm

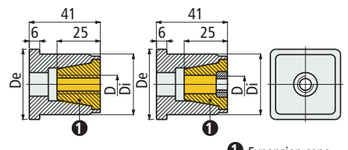
Part.	Tube dimensions: Outside dia.mm	Thickness mm	Inside dia. mm	Thread D	De mm	Di mm	Code
566 ⍁ 20	1,5	17	M8	20	17	698701
			M10	20	17	698711
	2	16	M8	20	16	698721

- 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.

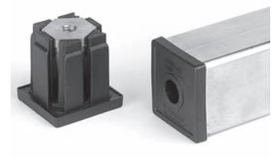
Expansion plugs

Part. 592

Expansion cone in brass — **Expansion cone in reinforced polyamide PA FV**



1 Expansion cone

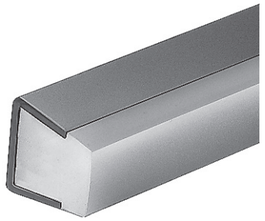


for tubes ⍁ 40 mm

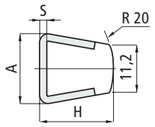
Part.	Tube dimensions: Outside dia.mm	Thickness mm	Inside dia. mm	Thread D	De mm	Di mm	Code
• Expansion cone in brass							
592 ⍁ 40	1,5/2	37/36	M8	42	36	609442
			M10	42	36	609462
	2,5/3	35/34	M8	42	34	609482
			M10	42	34	609502
• Expansion cone in reinforced polyamide PA FV							
592 ⍁ 40	1,5/2	37/36	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 reiforced polyamide PA FV.
- Weight : 0,10 Kg.
- Packaging : 50 pieces.
- Max recommended tightening torque : 2,5 Kgm (for M8), 4 Kgm (for M10).

Part. 317



Guide rail (half round)



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

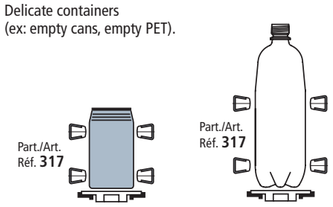
Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
317	1,5	Inox AISI 304	3	69072	0,54
			6	69302	
	2	Inox AISI 304	3	67063*	
			6	67103	

- 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 x 10 $^{-5}$. Calculation of thermal expansion see page S204.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).
- Accessories :

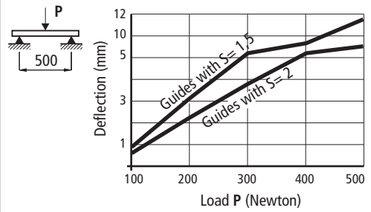
Guide rail clamps see page S104.

Guide rail bending machine (manual) see page S101.

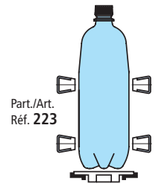
- **Use** of Part. 317
  Delicate containers
  (ex: empty cans, empty PET).



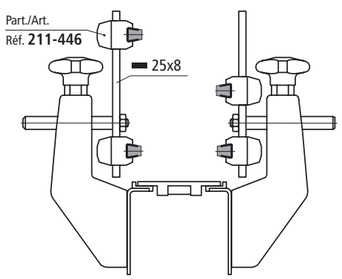
- **Deflection** of Part. 317 - 223



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

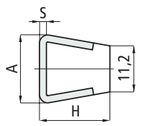


- **Assembly** of Part. 317-223



Part. 223

Guide rail (flat)



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

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

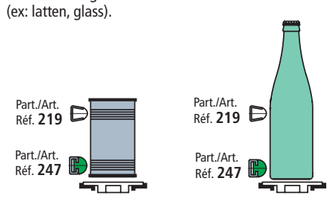
- Plastic profile material : polyethylene UHMWPE (white). Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 145 mm.
- Linear expansion coefficient : 4 x 10 $^{-5}$. Calculation of thermal expansion see page S204.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).
- Accessories :

Guide rail clamps see page S104.

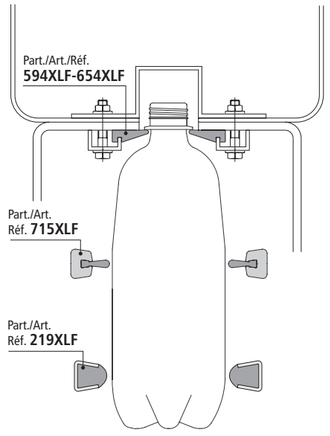
Guide rail bending machine (manual) see page S101.

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

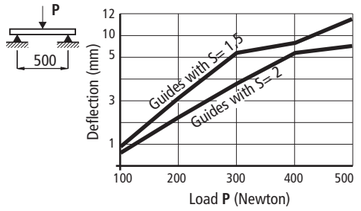
- **Use** of Part. 219-247
  Medium strength containers
  (ex: latten, glass).



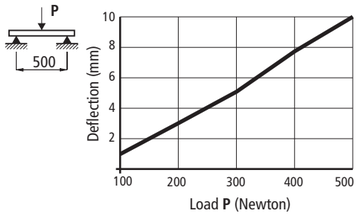
Plastic profile of Part. 247 can be disassembled.



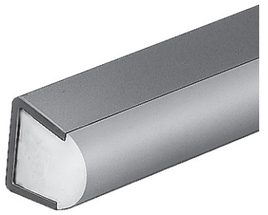
- **Deflection** of Part. 219-219XLF



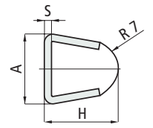
- **Deflection** of Part. 247



Part. 219-219XLF



Guide rail (round)



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

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

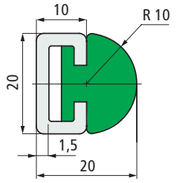
***** = *New Product.*
- Characteristics new material Polyethylene **XLF grey** (UHMWPE) : reduced friction coefficient with a consequent higher wear resistance, XLF manufactured guides do not leave any traces on the container.
- Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 145 mm.
- Weight : 0,54 kg/m.
- Linear expansion coefficient : 4 x 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.

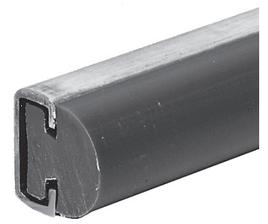
Guide rail bending machine (manual) see page S101.

Microban® antibacterial protection

Guide rail (round)



Part. 247



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
	6	Zinc plated steel	689712*	

***** = *New Product.*
- Min. curvature radius : 145 mm.
- Linear expansion coefficient : 2 x 10 $^{-4}$. Calculation of thermal expansion see page S208.
- Packaging : 24 metres.
- Accessories :

Guide rail clamps see page S104.

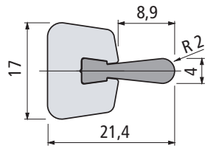
Guide rail bending machine (manual) see page S101.

Part. 715-715XLF

In aluminium

New Product

Guide rail



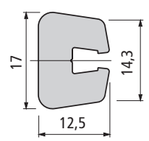
Part.	Length metres	Code	Weight kg/m
Plastic profile in Polyethylene (white)			
715	3	**686182**	0,59
	6	**686192**	
Plastic profile in Polyethylene XLF (grey)			
715XLF	3	**XL691892**	0,59
	6	**XL691902**	

- 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 x 10 $^{-4}$.
- Packaging : 72 metres.
- Accessories :

Guide rail clamps see page S104.

The guide rail can be supplied with separated components.

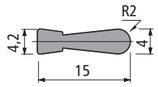
Part. 717 - Metal profile



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

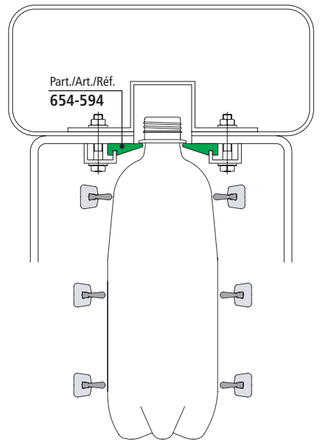
Packaging : 60 metres.

Part. 716-716XLF - Plastic profile

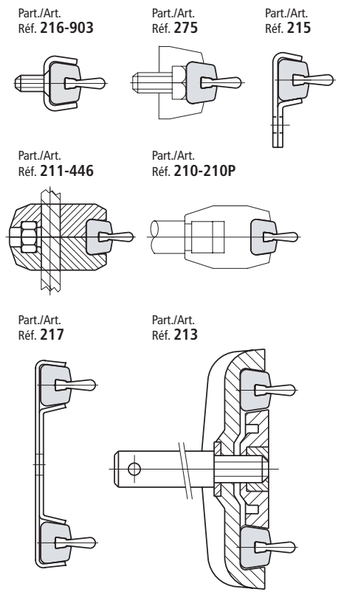


Part.	Length metres	Code	Weight kg/m
Polyethylene (white)			
716	3	**688942**	0,09
	6	**688952**	
Polyethylene XLF (grey)			
716XLF	3	**XL691912**	0,09
	6	**XL691922**	

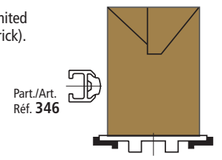
- Packaging : 60 metres.



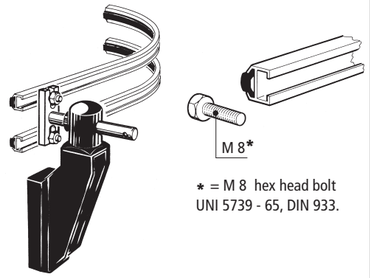
- **Accessories :** guide rail clamps see page 122



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

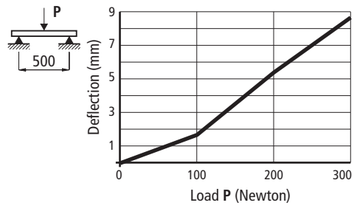


- **Assembly** of Part. 346

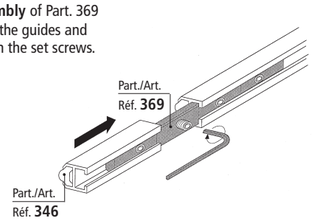


* = M 8 hex head bolt UNI 5739 - 65, DIN 933.

- **Deflection** of Part. 346

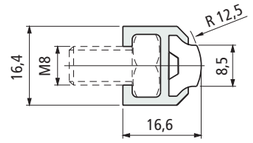


- **Assembly** of Part. 369
Insert the guides and tighten the set screws.



Guide rail (half round)

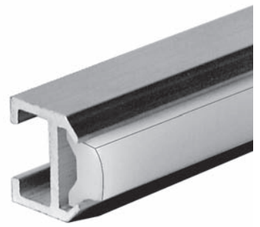
Part. 346



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 x 10 $^{-4}$. Calculation of thermal expansion see page S204.
- Packaging : 48 metres (in 3 m length). 96 metres (in 6 m length).
- Accessories :

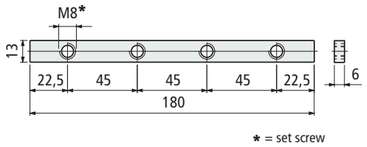
Guide rail bending machine (manual) see page S101.



In aluminium

Connecting bar

Part. 369

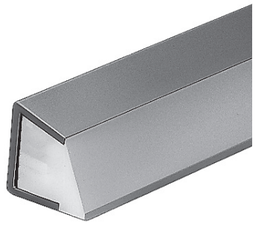


* = set screw

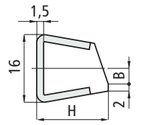
Part.	Code
369	**69995**

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

Part. 393



Label protection guide



H mm	B mm
15	3,9
17	3,6

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

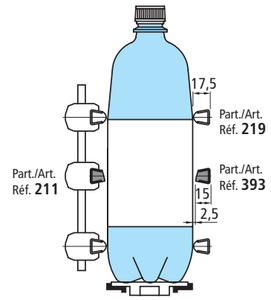
- Plastic profile material : polyethylene UHMWPE (white). Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius : 145 mm.
- Linear expansion coefficient : 4 x 10 $^{-5}$. Calculation of thermal expansion see page S204.
- Packaging : 24 metres.
- Accessories :

Guide rail clamps see page S104.

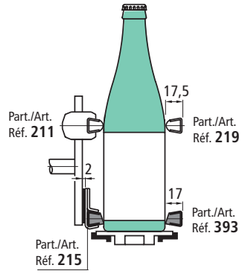
Guide rail bending machine (manual) see page S101.

• **Use** of Part. 393

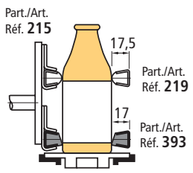
Transport of PET bottles with petaloid bottom. The guide can be used to stabilize, and protect label from damage.



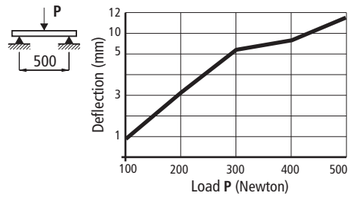
Transport of glass bottles.



Transport of fruit juices.

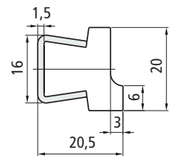


• **Deflection** of Part. 393 - 596



Part. 596

Label protection guide



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

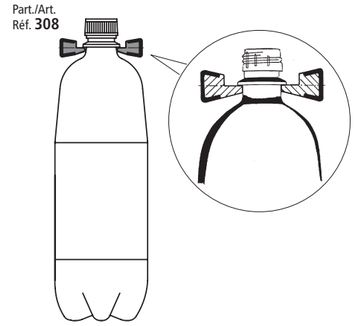
- Use : unstable containers. Beer bottles (0,33 l), water bottles (1/2 l).
- Plastic profile material : polyethylene UHMWPE (white).
- Min. curvature radius : 160 mm.
- Linear expansion coefficient : 4 x 10 $^{-5}$. Calculation of thermal expansion see page S204.
- Packaging : 48 metres.
- Accessories :

Guide rail clamps see page S104.

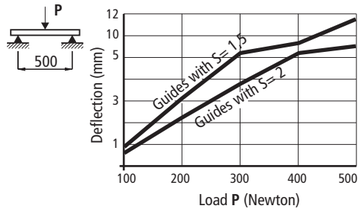
Guide rail bending machine (manual) see page S101.

***** = 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 trasport of PET bottles.

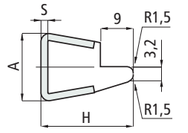


• **Deflection** of Part. 308



Neck transport guide

Part. 308



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

Part.	Metal profile material	Thickness S mm	Length metres	Code	Weight kg/m
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 x 10 $^{-5}$. Calculation of thermal expansion see page S204.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).
- Accessories :

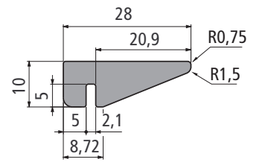
Guide rail clamps see page S104.

Guide rail bending machine (manual) see page S101.

Part. 594XLF

New Product

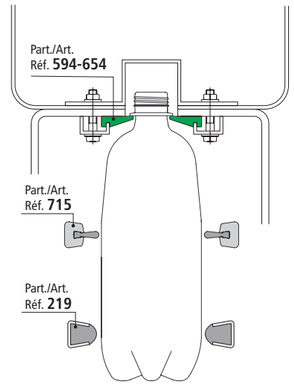
Neck transport guide



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

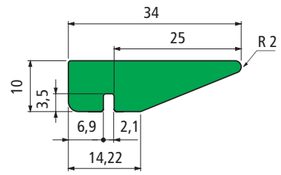
- Characteristics : new material Polyethylene **XLF grey** (UHMWPE) : reduced friction coefficient, higher wear resistance, do not leave any traces on the container.
- Material : Polyethylene UHMWPE (grey) + solid lubricant.
- Min. curvature radius : 750 mm.
- Linear expansion coefficient : 2 x 10 $^{-4}$.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

- **Use** of Part. 594-654
  Overhead trasport of PET bottles.



Part. 654-654XLF

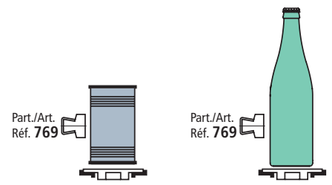
Neck transport guide



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

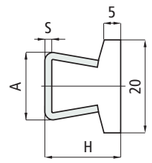
* = *New Product.*
- Characteristics : new material Polyethylene **XLF grey** (UHMWPE) : reduced friction coefficient, higher wear resistance, do not leave any traces on the container.
- Min. curvature radius : 750 mm.
- Linear expansion coefficient : 2 x 10 $^{-4}$.
  Calculation of thermal expansion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

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



Guide rail (flat)

Part. 770



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

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
770	1,5	Inox AISI 304	3	609183	
			6	609193	0.61
		Zinc plated steel	3	609203	
	2	Inox AISI 304	3	609213	
			6	609223	0.71

- 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 x 10 $^{-5}$.
  Calculation of thermal expansion see page S204.
- Packaging : 24 metres
- Accessories :

Guide rail clamps see page S104.

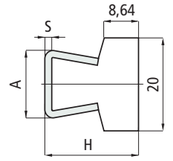
Guide rail bending machine (manual) see page S101.

New Product

Microban® antibacterial protection

Guide rail (flat)

Part. 769



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

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
769	1,5	Inox AISI 304	3	609133	
			6	609143	0,67
		Zinc plated steel	3	609153	
	2	Inox AISI 304	3	609163	
			6	609173	0,78

- 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 x 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.

New Product

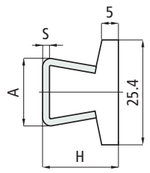
Microban® antibacterial protection

Part. 768

New Product

Microban® antibacterial protection

Guide rail (flat)



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

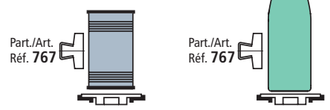
Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
768	1,5	Inox AISI 304	3	609083	
			6	609093	0,63
		Zinc plated steel	3	609103	
	2	Inox AISI 304	3	609113	0,74
			6	609123	

- 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 x 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)

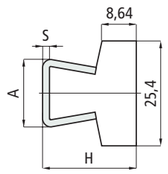


Part. 767

New Product

Microban® antibacterial protection

Guide rail (flat)



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

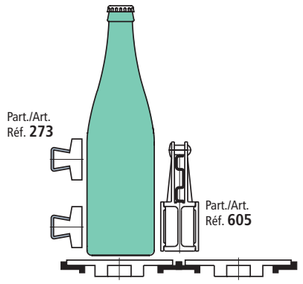
Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
767	1,5	Inox AISI 304	3	609033	
			6	609043	0,72
		Zinc plated steel	3	609053	
	2	Inox AISI 304	3	609063	
			6	609073	0,82

- 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 x 10 $^{-5}$. Calculation of thermal expansion see page S204.
- Packaging : 24 metres
- Accessories :

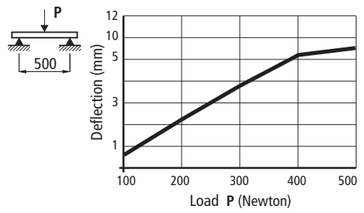
Guide rail clamps see page S104.

Guide rail bending machine (manual) see page S101.

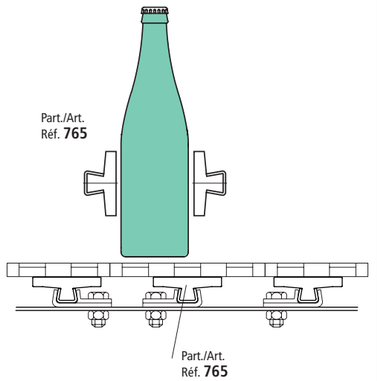
- **Use of** Part. 273
Rugged containers with delicate surface (ex. decorated glass bottles).Can be use in combination with Part. 605.



- **Deflection of** Part. 273

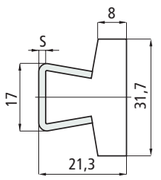


- **Use of** Part. 765
Rugged containers with delicate surface (ex. decorated glass bottles).



Guide rail (extra-flat)

Part. 273



Part.	Thickness S mm	Metal profile material	Length metres	Code With Microban®	Code 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 x 10 $^{-5}$. Calculation of thermal expansion see page S204.
- Packaging : 24 metres (in 3 m length). 36 metres (in 6 m length).
- Accessories :

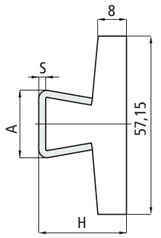
Guide rail clamps see page S104.

Guide rail bending machine (manual) see page S101.

Microban® antibacterial protection

Guide rail (extra-flat)

Part. 765



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
765	1,5	Inox AISI 304	3	608943	
			6	608953	0,95
		Zinc plated steel	3	608963	
	2	Inox AISI 304	3	608973	
			6	608983	1,06

- 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 x 10 $^{-5}$. Calculation of thermal expansion see page S204.
- Packaging : 24 metres
- Accessories :

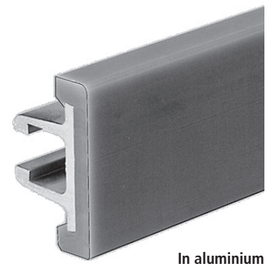
Guide rail clamps see page S104.

Guide rail bending machine (manual) see page S101.

New Product

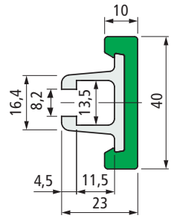
Microban® antibacterial protection

Part. 422



In aluminium

Guide rail (extra flat)



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

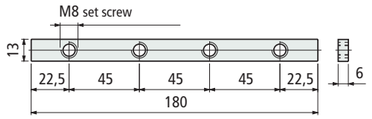
- Use : rugged containers.
- Material : plastic profile in polyethylene UHMWPE (green). Metal profile in anodized aluminium.
- State of supply : the plastic and metal profiles are supplied assembled.
- Plastic profile spare part code : **68309** (6 metres).
- Min. curvature radius : 280 mm.
- Linear expansion coefficient : 2 x 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

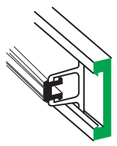


Part.	Code
369	**69995**

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

Part. 370

Sealing profile

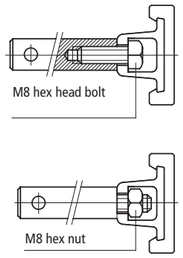


Part.	Code
370	**61036***

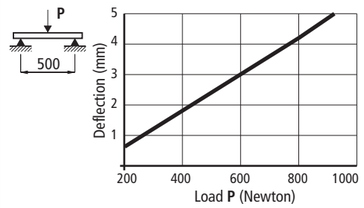
- Use : improves guide cleanliness.
- Material : rubber EPDM 80 (black).
- State of supply : coils.
- Packaging : 20 metres.

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

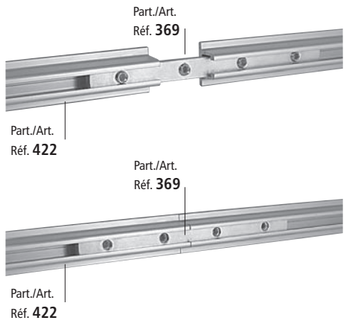
• **Fixing** of Part. 422



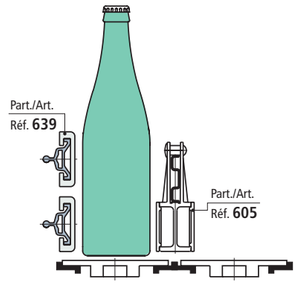
• **Deflection** of Part. 422



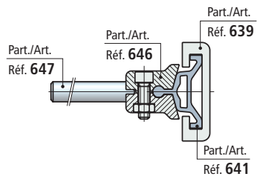
• **Assembly** of Part. 369
Insert the guides and tighten the set screws.



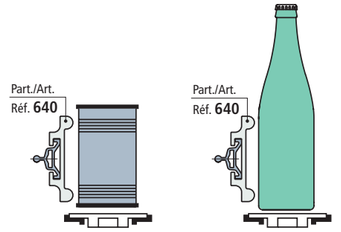
• **Use** of Part. 639
Rugged containers with delicate surface (for example decorated glass bottles). Can be used in combination with Part. 605.



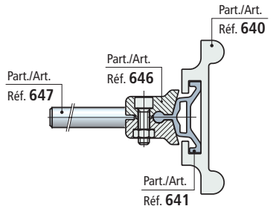
• **Assembly of** Part. 639



• **Use** of Part. 640
Medium strength containers (ex: latten, glass).

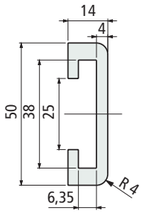


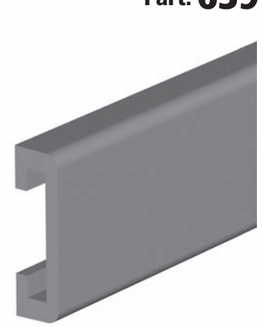
• **Assembly of** Part. 640



Guide rail

Part. 639





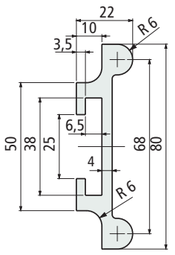
Part.	Colour	Length metres	Code
639	Black	3	**652252**

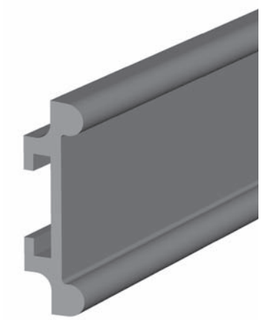
- Material : polyethylene UHMWPE.
- Linear expansion coefficient : 2 x 10 $^{-4}$. Calculation of thermal expansion see page S204.
- Packaging : 36 metres.
- Accessories :

Guide rail clamps see page S104.

Guide rail

Part. 640





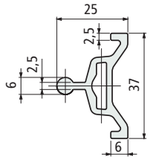
Part.	Colour	Length metres	Code
640	Black	3	**652262**

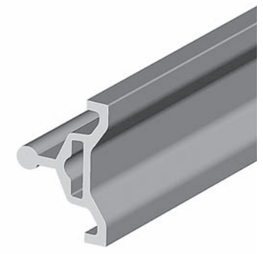
- Material : polyethylene UHMWPE.
- Linear expansion coefficient : 2 x 10 $^{-4}$. Calculation of thermal expansion see page S204.
- Packaging : 36 metres.
- Accessories :

Guide rail clamps see page S104.

Metal profile

Part. 641



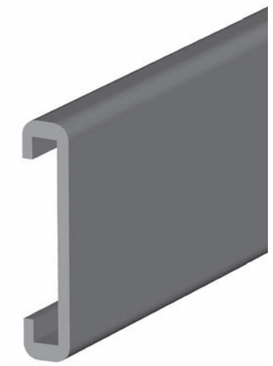


Part.	Length metres	Code
641	3 6	**652272** **652282**

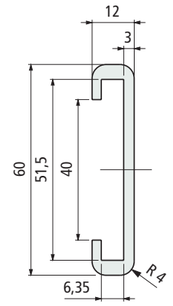
- Material : anodized aluminium.
- Packaging : 36 metres.
- Accessories :

Guide rail clamps see page S104.

Part. 642



Guide rail (extra flat)

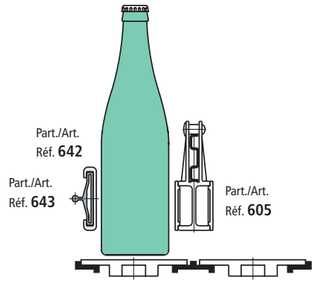


Part.	Colour	Length metres	Code	Weight kg/m
642	Black	3	**652292**	–

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

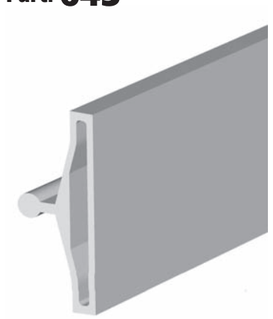
Part. 643
Metal
profile

- **Use** of Part. 642-643
  Rugged containers with delicate surface (for example decorated glass bottles). Can be used in combination with Part. 605.

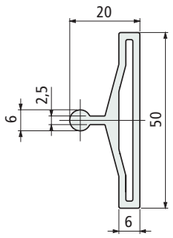


Accessories

Part. 643



Metal profile

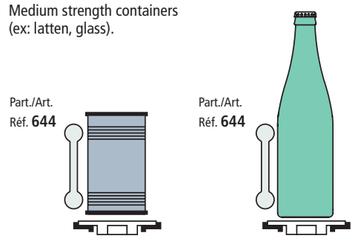


Part.	Length metres	Code	Weight kg/m
643	3	**652302**	–
	6	**652312**	

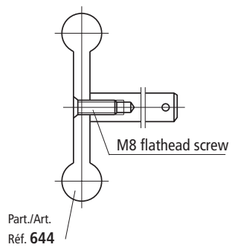
- Can be used in combination with Part. 642.
- Material : anodized aluminium.
- Packaging : 36 metres.
- Accessories :

Guide rail
clamp
see page S104.

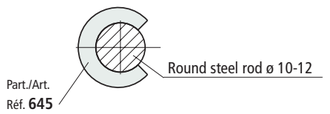
- **Use** of Part. 644
  Medium strength containers (ex: latten, glass).



- **Fixing** of Part. 644

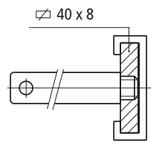


- **Use** of Part. 645
  Protection of round steel rods

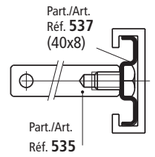


- **Fixing of** Part. 539
  Assembly / disassembly

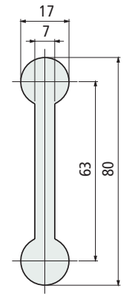
- Fixing with plate.



- Fixing with metal profile Part. 537.



Guide rail

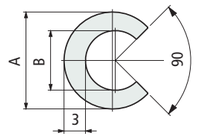


Part.	Length metres	Colour	Code	Weight kg/m
644	3	Black	**652322**	–
		Green	**652332**	

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

Part. 644

Profile for round steel rods

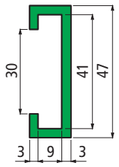


Part.	Use	A mm	B mm	Code	Weight kg/m
645	for rod ø 10	14	9	**652342**	–
	for rod ø 12	17	11	**652352**	

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

Part. 645

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 x 10 $^{-4}$.
  Calculation of thermal expansion see page S204.
- Packaging : 48 metres (in 3 m length).
  96 metres (in 6 m length).
- Accessories :

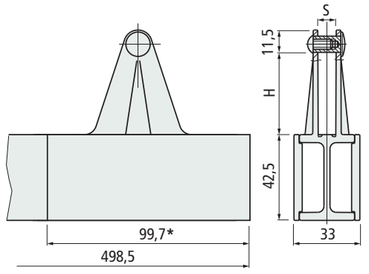
Part. 537 - Metal
profile 40x8
see page. S89.

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 :

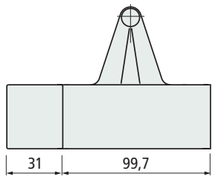
Part. 730
Divider module
see page S87.

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

Accessories

Part. 606

Divider module

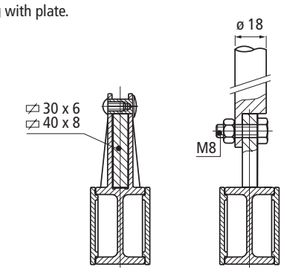


Part.	Version	Code	Weight kg
606	For 30x6 plate	**613642**	0,13
	For 40x8 plate	**613652**	

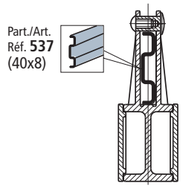
- Material : frame in acetal POM (black). Low friction plates in acetal POM (white). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

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

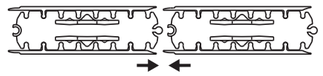
- Fixing with plate.



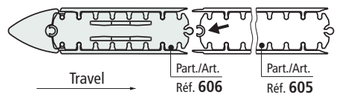
- Fixing with metal profile Part. 537.



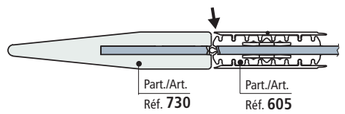
- **Modular system**
  The guide consists of modules with snap-on assembly.



- **Assembly** of Part. 606
  Guide position Part. 605 to allow assembly with divider module.

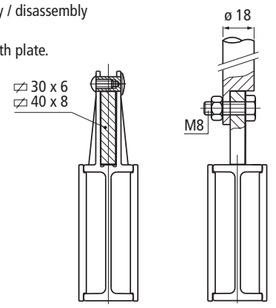


- **Assembly of Part.730** (see page S87).
  Guide position (Part. 605) to allow assembly with divider module Part.730.

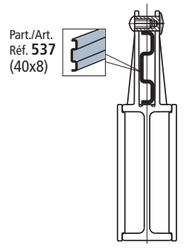


- **Fixing** of Part. 605
  Assembly / disassembly

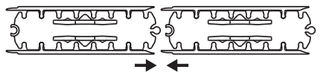
- Fixing with plate.



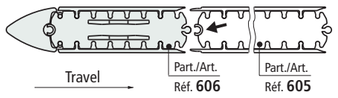
- Fixing with metal profile Part. 537.



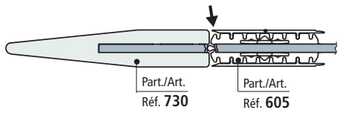
- **Modular system**
  The guide consists of modules with snap-on assembly.



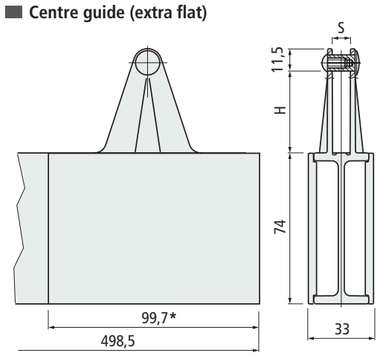
- **Assembly** of Part. 606
  Guide position Part. 605 to allow assembly with divider module.



- **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

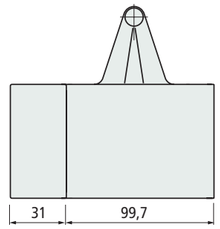
Part.	Version	H mm	S mm	Code	Weight kg/m
605	For 30x6 plate	30	6	**613622**	1,38
	For 40x8 plate	40	8	**613632**	

- 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

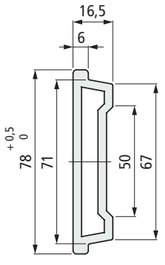
Accessories

Part. 606

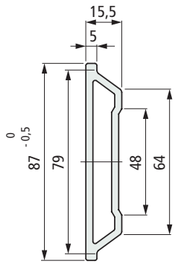
Part. 191-296

Guide rail (extra-large)

Part. 191



Part. 296



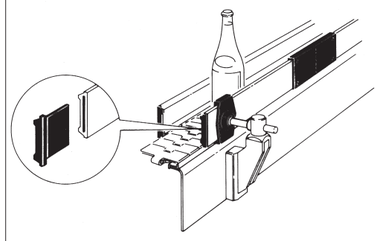
Part.	Colour	Length metres	Code	Weight kg/m
191	Black	3	**57131**	0,60
		6	**56811**	
296	Black	3	**68811**	0,60
		6	**618291**	

- Material : polyethylene PE 500.000.
- Min. curvature radius : 200 mm.
- Linear expansion coefficient : 2,5 x 10 $^{-4}$.
  Calculation of thermal expansion see page S204.
- Packaging : 30 metres (in 3 m length).
  60 metres (in 6 m length).
- Accessories :

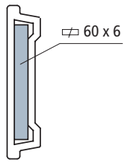
Guide rail clamps
Part. 191(see page S120).
Part. 296(see page S121).

Bending machine see page S101.

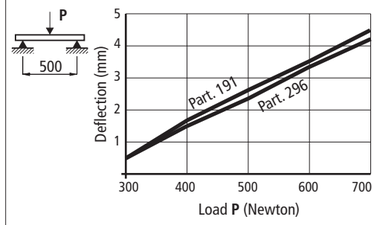
• **Use** of Part. 191-296



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



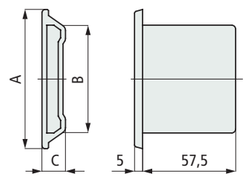
• **Deflection** of Part. 191 - 296



Accessories

Part. 376-377

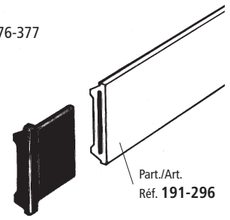
End plug



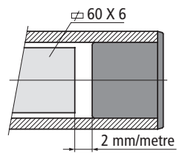
Part.	Use	A mm	B mm	C mm	Code
376	Applicable to Part. 191	77	65,3	15,5	**63626**
377	Applicable to Part. 296	86	63,8	14,5	**63636**

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

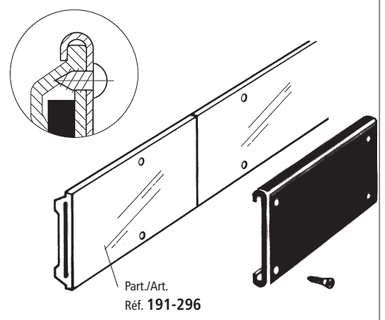
• **Assembly** of Part. 376-377
Press-fit.
Seal with silicon.



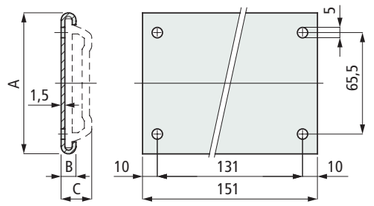
• Leave a gap between the plug and the plate to allow for contraction at low temperatures.



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



Joint clamp



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

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

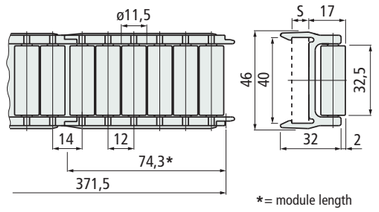
Accessories

Part. 378-379

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***	

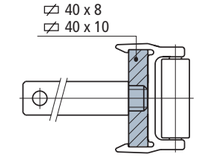
* = *New product.*
- Characteristic new material **Polyurethan (blue)**: low noise, 85 Shore A hardness.
- Material : frame in acetal POM (black).
- Standard packaging : strands of 0,371 metres (N 5 modules).
- Packaging : 4,5 metres (N 12 strands).
- Accessories :

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

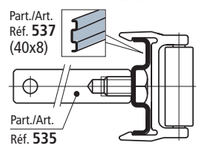
• **Use** of Part. 581-722-585-724
For thin walled and delicate containers (like aluminium cans, PET bottles, decorated card-board).

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

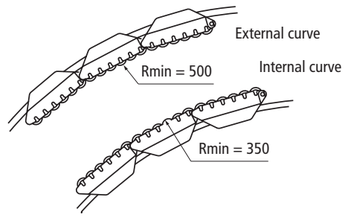
- Fixing with plate.



- Fixing with metal profile Part. 537.



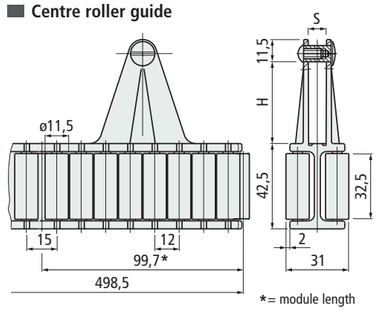
• **Min. curvature radius** Part. 581-722



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***	

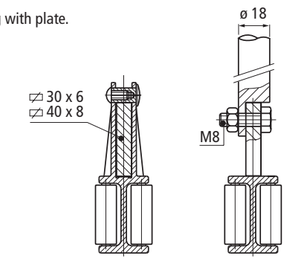
* = *New product.*
- Can be used in combination with Part. 581-722.
- Characteristic new material **Polyurethan (blue)**: low noise, 85 Shore A hardness.
- Material : frame in acetal POM (black).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N 5 modules).
- Packaging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

Part. 730 Divider module
see page S87.

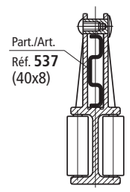
Part. 537 - Metal profile 40x8
see page S89.

• **Fixing** of Part. 585-724
Assembly / disassembly

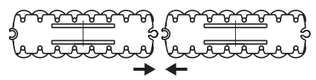
- Fixing with plate.



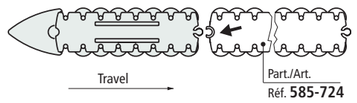
- Fixing with metal profile Part. 537.



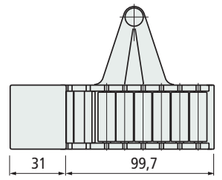
• **Modular system** Part. 581-722-585-724
The guide consists of modules with snap-on assembly.



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



Divider module

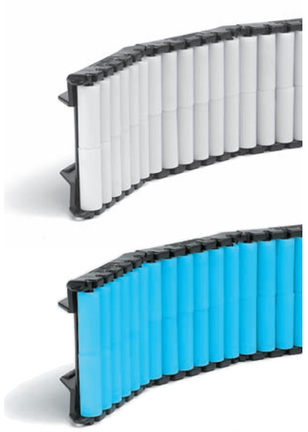


Part. 586-761

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***	

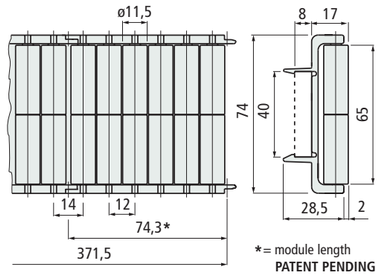
* = *New product.*
- Characteristic new material **Polyurethan (blue)**: low noise, 85 Shore A hardness.
- Material : frame in acetal POM (black). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

Part. 581-722



Sideflexing

Roller side guide



*= module length
PATENT PENDING

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

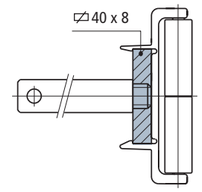
***** = *New product.*
- Characteristic new material **Polyurethan (blue)**: low noise, 85 Shore A hardness.
- Material : frame in acetal POM (black).
- Standard packaging : strands of 0,371 metres (N 5 modules).
- Packaging : 4,5 metres (N 12 strands).
- Accessories :

Part. 537 - Metal profile 40x8
see page S89

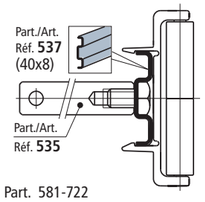
- **Use** of Part. 581-722-585-724
For thin walled and delicate containers (like aluminium cans, PET bottles, decorated card-board).

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

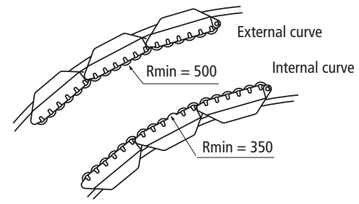
- Fixing with plate.



- Fixing with metal profile Part. 537.



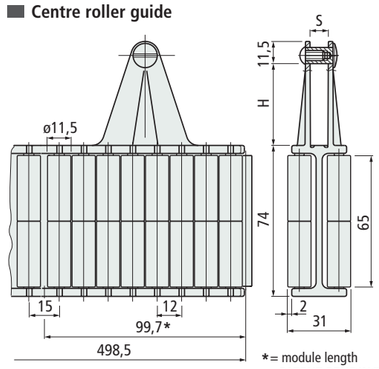
- **Min. curvature radius** Part. 581-722



Part. 585-724

Sideflexing

Centre roller guide



*= module length
PATENT PENDING

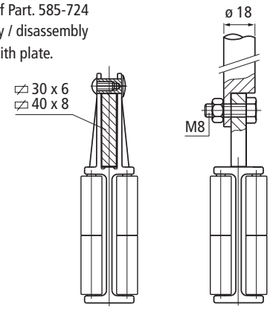
Part.	Version	H mm	S mm	Code	Weight kg/m
Rollers in Polyethylene PE (white)					
585	For 30x6 plate	30	6	**603512**	2,0
	For 40x8 plate	40	8	**603522**	
Rollers in Polyurethan (blue)					
724	For 30x6 plate	30	6	**688702***	2,0
	For 40x8 plate	40	8	**688712***	

***** = *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 :

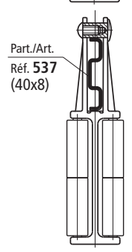
Part. 730
Divider module
see page S87.

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

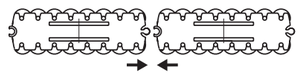
- **Fixing** of Part. 585-724
Assembly / disassembly
- Fixing with plate.



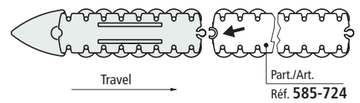
- Fixing with metal profile Part. 537.



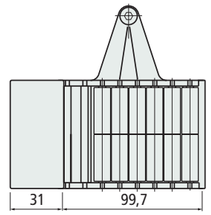
- **Modular system** Part. 581-722-585-724
The guide consists of modules with snap-on assembly.



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



Divider module



Part. 586-761

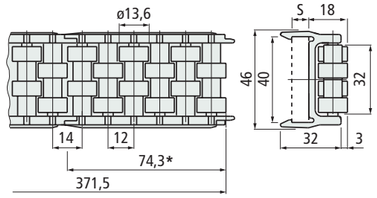
Part.	Version	Code	Weight kg
Rollers in Polyethylene PE (white)			
586	For 30x6 plate	**603572**	0,24
	For 40x8 plate	**603582**	
Rollers in Polyurethan (blue)			
761	For 30x6 plate	**608053***	0,24
	For 40x8 plate	**608063***	

***** = *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. 580

Sideflexing

Roller side guide



*= module length

PATENT PENDING

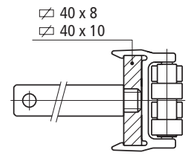
Part.	Version	S mm	Code	Weight kg/m
580	For 40x8 plate	8	**603302**	0,61
	For 40x10 plate	10	**611772**	

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

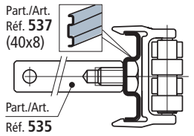
Part. 537 - Metal profile 40x8 see page S89.

- **Fixing** of Part. 580
  Snap-on assembly / disassembly

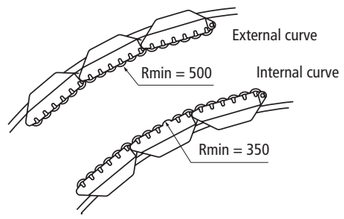
- Fixing with plate.



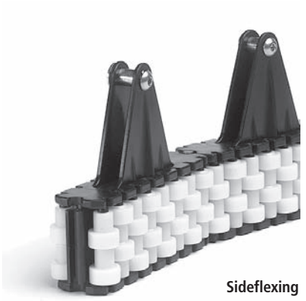
- Fixing with metal profile Part. 537.



- **Min. curvature radius** Part. 580

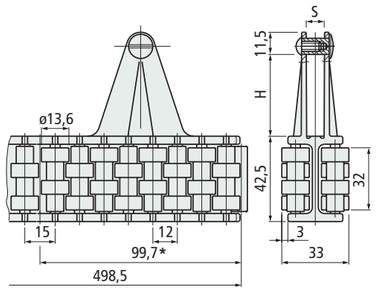


Part. 557



Sideflexing

Centre roller guide



*= module length

PATENT PENDING

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

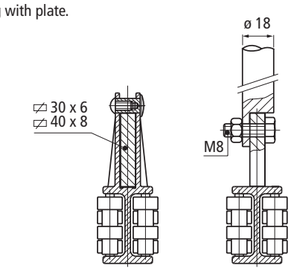
- Can be used in combination with Part. 580.
- Material : frame in acetal POM (black). Rollers in polyamide PA (white).
- Min. curvature radius : 335 mm.
- Standard packaging : strands of 0,498 metres (N 5 modules).
- Packaging : 4,5 metres (N 9 strands).
- Accessories :

Part. 730 Divider module see page S87.

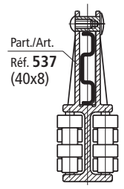
Part. 537 - Metal profile 40x8 see page S89.

- **Fixing** of Part. 557
  Assembly / disassembly

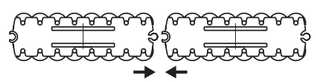
- Fixing with plate.



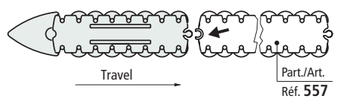
- Fixing with metal profile Part. 537.



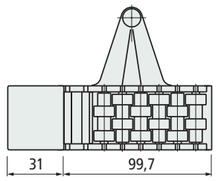
- **Modular system** Part. 580-557
  The guide consists of modules with snap-on assembly.



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



Divider module

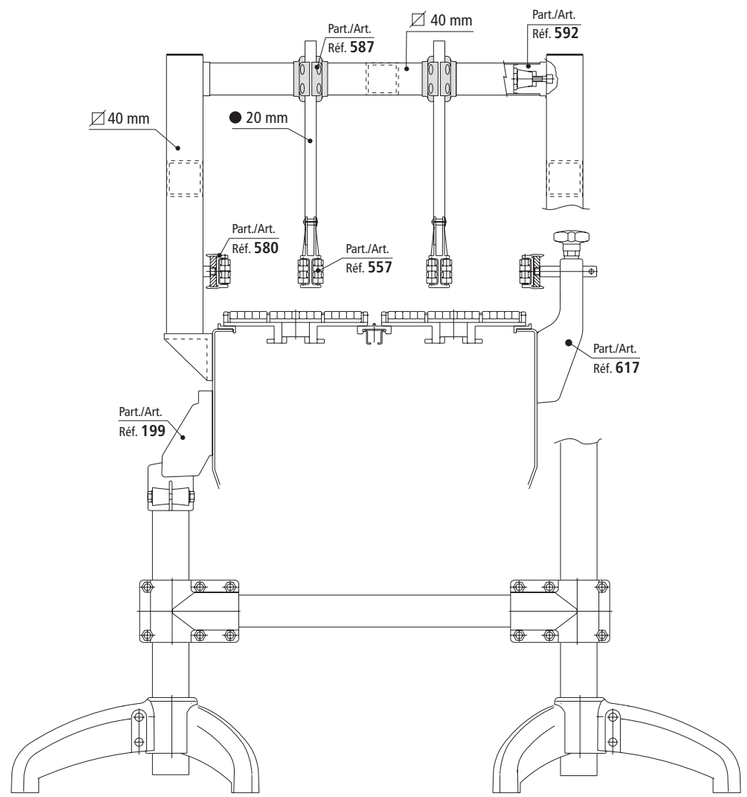


Part.	Version	Code	Weight kg
570	For 30x6 plate	**601142 N**	0,15
	For 40x8 plate	**601162 N**	

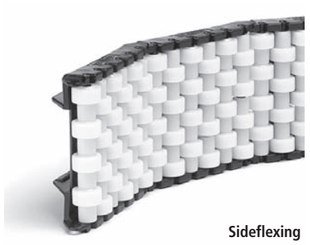
- Material : frame in acetal POM (black). Rollers in polyamide PA (white). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

Part. 570

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

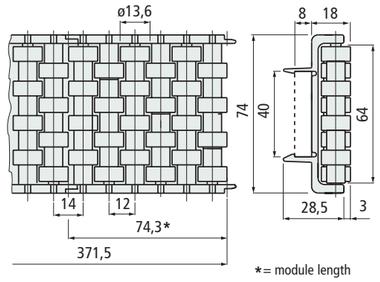


Part. 580



Sideflexing

Roller side guide



*= module length

PATENT PENDING

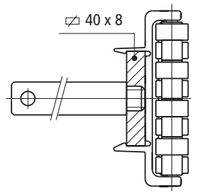
Part.	Version	Code	Weight kg/m
580	For 40x8 plate	**603292**	0,99

- 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 :

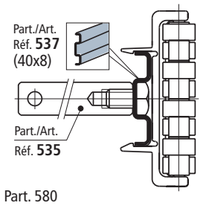
Part. 537 - Metal profile 40x8 see page S89.

- **Use** of Part. 580-557
  For medium strength containers (tin cans, glass, strong aluminium cans).
- **Fixing** of Part. 580
  Snap-on assembly / disassembly

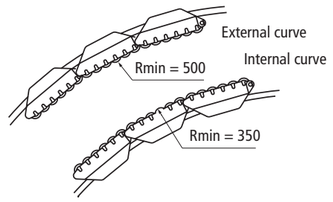
- Fixing with plate.



- Fixing with metal profile Part. 537.

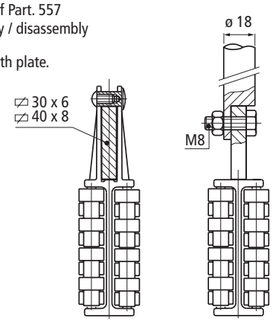


- **Min. curvature radius** Part. 580

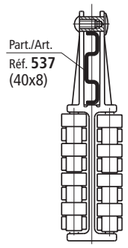


- **Fixing** of Part. 557
  Assembly / disassembly

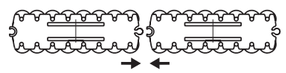
- Fixing with plate.



- Fixing with metal profile Part. 537.



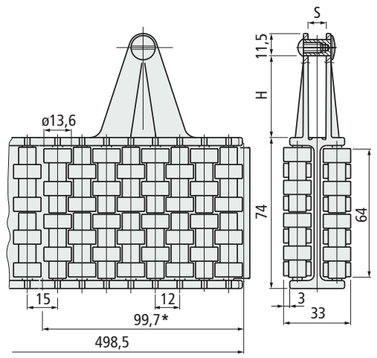
- **Modular system** Part. 580-557
  The guide consists of modules with snap-on assembly.



Part. 557

Sideflexing

Centre roller guide



*= module length

PATENT PENDING

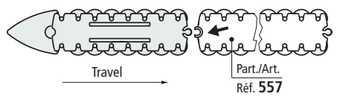
Part.	Version	H mm	S mm	Code	Weight kg/m
557	For 30x6 plate	30	6	**603472**	1,96
	For 40x8 plate	40	8	**603482**	

- 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 :

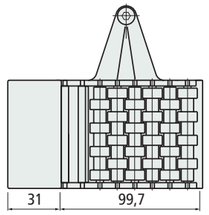
Part. 730- Divider module see page S87.

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

- **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**	

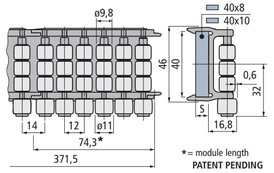
- Material : frame in acetal POM (black). Rollers in polyamide PA (white). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

Part. 570

Part. 733

New Product

Roller side guide



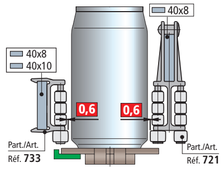
*= module length
PATENT PENDING

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 :

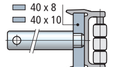
Part. 537 - Metal profile 40x8 see page S89.

- **Use** of Part. 733-721
Ideal for thin walled cans and delicate containers. The contact between can and rollers takes place near th ecan bottom where it is stronger.

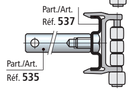


- **Fixing** of Part. 733
Snap-on assembly / disassembly

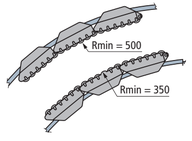
- Fixing with plate.



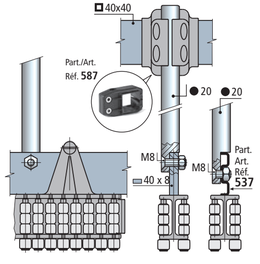
- Fixing with metal profile Part. 537.



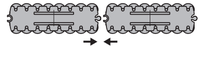
- **Min. curvature radius** Part. 733



- **Fixing** of Part. 721



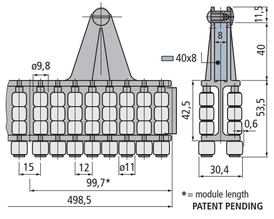
- **Modular system** Part. 733-721
The guide consists of modules with snap-on assembly.



Part. 721

New Product

Centre roller guide



*= module length
PATENT PENDING

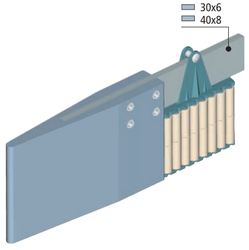
Part.	Version	Code	Weight kg/m
721	For 40x8 plate	688602	1,24

- 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 :

Part. 730-Divider module see page S87.

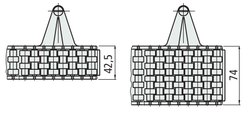
Part. 537 - Metal profile 40x8 see page S89.

- **Use** of Part. 730
Applicable to centre guides Part. 557-585-724-605-721.

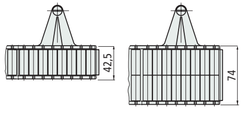


- **Types of guides that can be used**

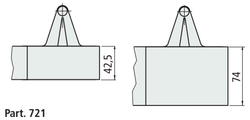
Part. 557



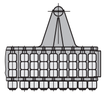
Part. 585-724



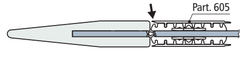
Part. 605



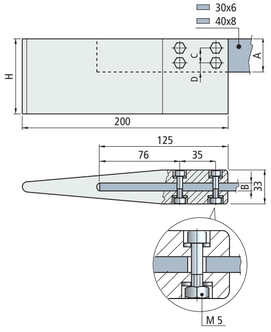
Part. 721



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.

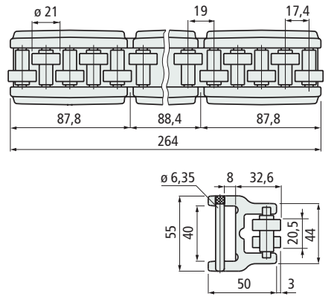
■ *Nuovo prodotto*

- Applicabile alle guide centrali Part. 557-585-724-605.

Part. 628 S

Sideflexing

Roller side guide



PATENT PENDING

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

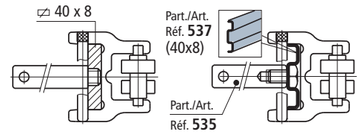
- Both straight and curved sections.
- Material : frame in polyamide PA (black). Rollers in acetal POM (white). Roller pins in stainless steel AISI 430 F. Fixing pins in stainless steel AISI 303.
- Standard packaging : strands of 0,264 metres.
- Packaging : 6,336 metres (N 24 strands).
- Accessories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

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

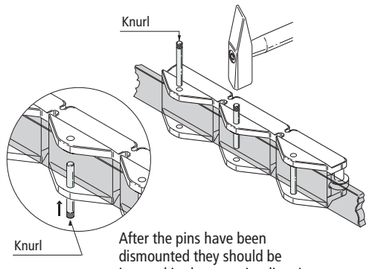
• **Use** of Part. 628 S
Rugged containers (ex cases, cartons).

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

- Fixing with plate.
- Fixing with metal profile Part. 537.

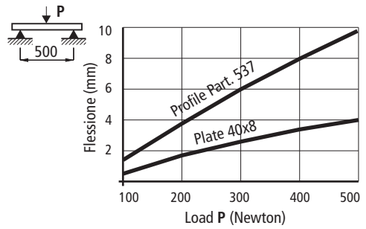


• **Assembly** of Part. 628 S

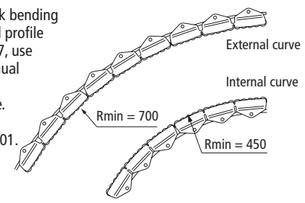


After the pins have been dismounted they should be inserted in the opposite direction to ensure proper fit in the module holes.

• **Deflection** of Part. 628 S



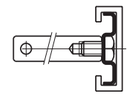
• **Min. curvature radius** Part. 628 S
For quick bending of metal profile Part. 537, use the manual bending machine. See page S101.



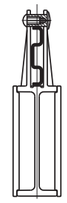
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• **Types of guides**
using our 40x8 metal profile.

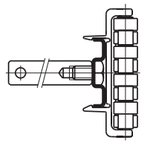
Part. 539



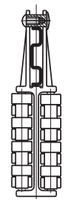
Part. 605



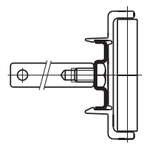
Part. 580



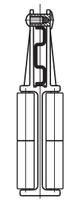
Part. 557



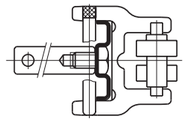
Part. 581-722



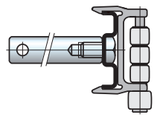
Part. 585-724 - 597



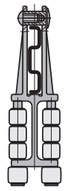
Part. 628 S



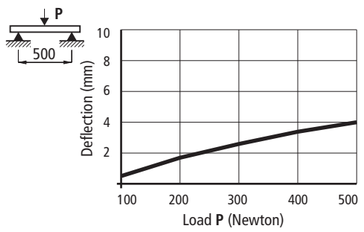
Part. 733



Part. 721

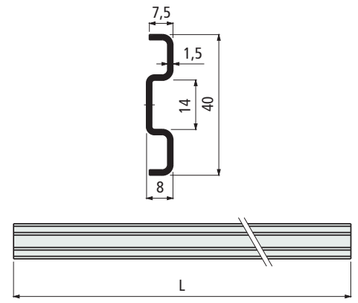


• **Deflection** of Part. 537



Metal profile 40x8

Part. 537



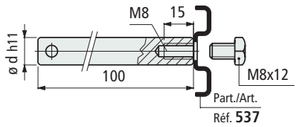
Part.	Material	Length L mm	Code
537	Stainless steel AISI 304	3209	**689231**
		6425	**689241**

- 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

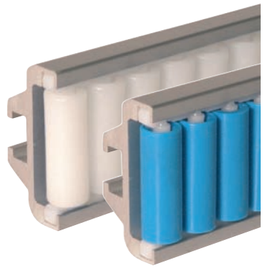


Part.	pin dia. d mm	Code	Weight kg
535	12	**684641**	0,12
	14	**684651***	

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

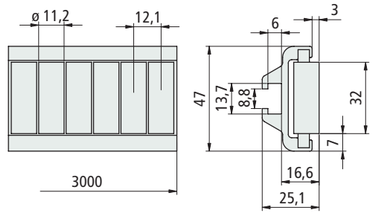
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 757



New Product

Roller side guides

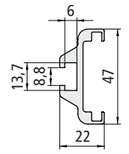


Part.	Rollers material	Code	Weight kg/m
757	Polyurethan (blue) 85 Shore A	607763	1,25
	Polyethylene PE (white)	607773	1,20

- 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.

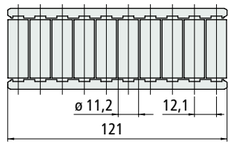
Metal profile



Length mm	Code
3000	607933
6000	607943

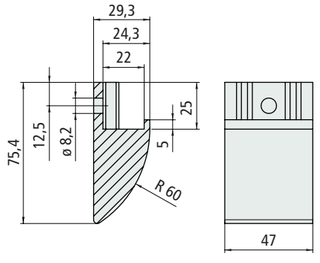
- Material : aluminium anodized.
- Weight : 0,85 Kg/m.
- Packaging : n1 strand.

Roller module



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

Separation block

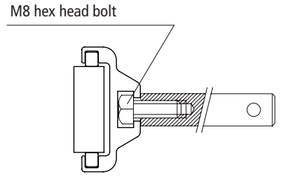


Part.	Code	Weight kg
760	608103	0,058

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

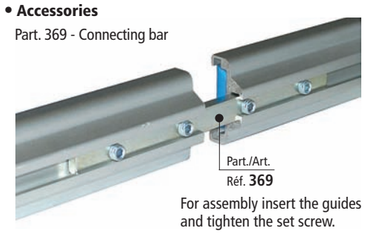
- **Characteristics** Part. 757
  - Self supporting structure.
  - Anodized aluminium profile.
  - Quick and easy installation by standard bolts.
  - Can be used straight running and sideflexing.
  - Low friction rollers.
  - Suitable for delicate containers and packages.
  - Low noise PU rollers for thin wall - delicate containers.

- **Assembly** Part. 757
  - For the correct moduls assembly see page S210 - S211.



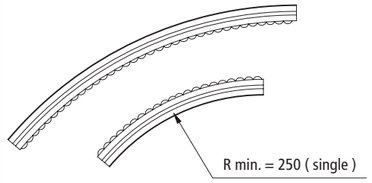
- **Accessories**

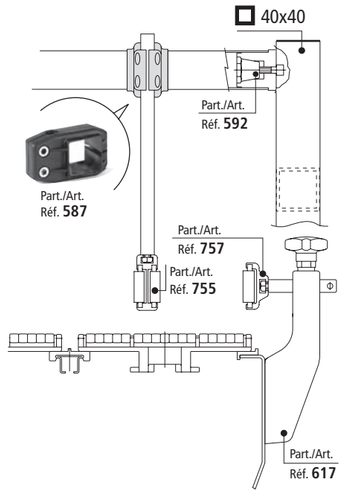
Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

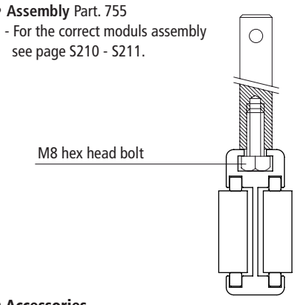
- **Min. curvature radius** Part. 757





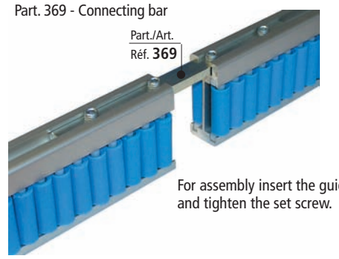
- **Characteristics** Part. 755
  - Self supporting structure.
  - Anodized aluminium profile.
  - Quick and easy installation by standard bolts.
  - Can be used straight running and sideflexing.
  - Low friction rollers.
  - Suitable for delicate containers and packages.
  - Low noise PU rollers for thin wall - delicate containers.

- **Assembly** Part. 755
  - For the correct moduls assembly see page S210 - S211.



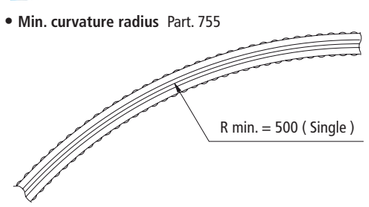
- **Accessories**

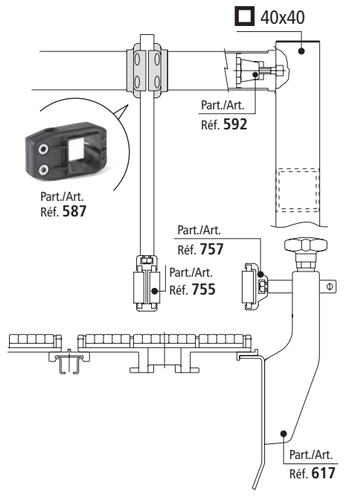
Part. 369 - Connecting bar



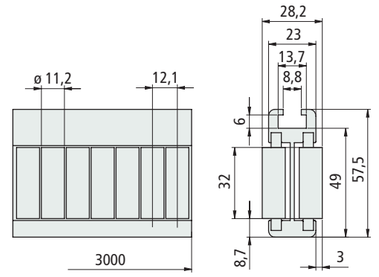
For assembly insert the guides and tighten the set screw.

- **Min. curvature radius** Part. 755





Roller centre guides

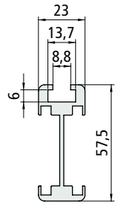


Part.	Rollers material	Code	Weight kg/m
755	Polyurethan (blue) 85 Shore A	607683	1,85
	Polyethylene PE (white)	607693	1,75

- 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.

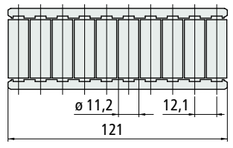
Metal profile



Length mm	Code
3000	607893
6000	607903

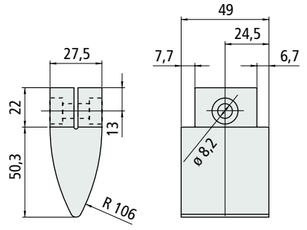
- Material : aluminium anodized.
- Weight : 1,08 Kg/m.
- Packaging : n1 strand.

Roller module



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

Separation block



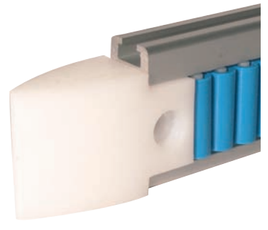
Part.	Code	Weight kg
759	608083	0,063

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

Part. 755

New Product

Part. 759

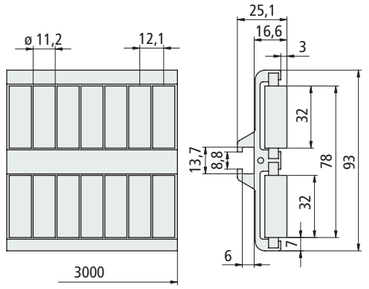


New Product

Part. 757

New Product

Roller side guides

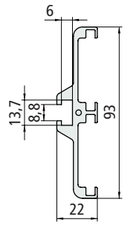


Part.	Rollers material	Code	Weight kg/m
757	Polyurethan (blue) 85 Shore A	607783	2,15
	Polyethylene PE (white)	607793	2,00

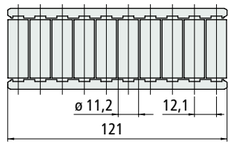
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Roller module

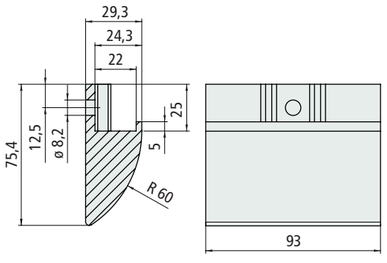


Length mm	Code
3000	607953
6000	607963

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

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

Separation block



Part.	Code	Weight kg
760	608113	0,120

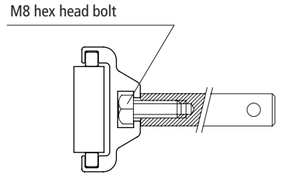
- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

Part. 760

New Product

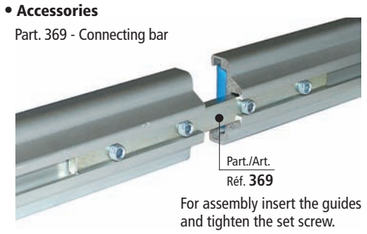
- **Characteristics** Part. 757
  - Self supporting structure.
  - Anodized aluminium profile.
  - Quick and easy installation by standard bolts.
  - Can be used straight running and sideflexing.
  - Low friction rollers.
  - Suitable for delicate containers and packages.
  - Low noise PU rollers for thin wall - delicate containers.

- **Assembly** Part. 757
  - For the correct moduls assembly see page S210 - S211.



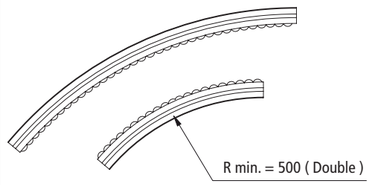
- **Accessories**

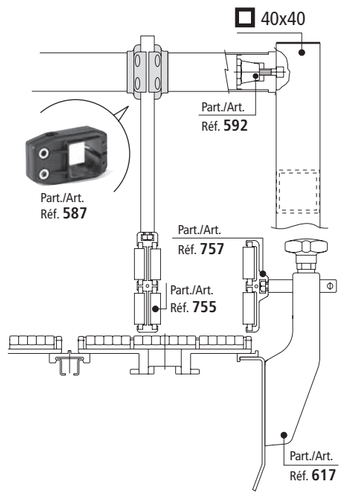
Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

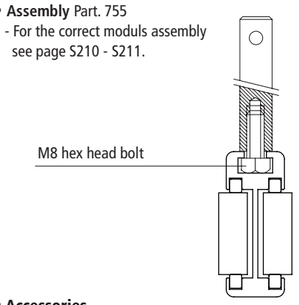
- **Min. curvature radius** Part. 757





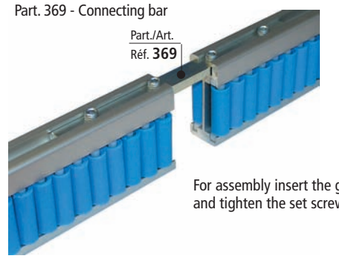
- **Characteristics** Part. 757
  - Self supporting structure.
  - Anodized aluminium profile.
  - Quick and easy installation by standard bolts.
  - Can be used straight running and sideflexing.
  - Low friction rollers.
  - Suitable for delicate containers and packages.
  - Low noise PU rollers for thin wall - delicate containers.

- **Assembly** Part. 755
  - For the correct moduls assembly see page S210 - S211.



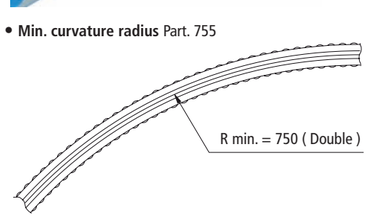
- **Accessories**

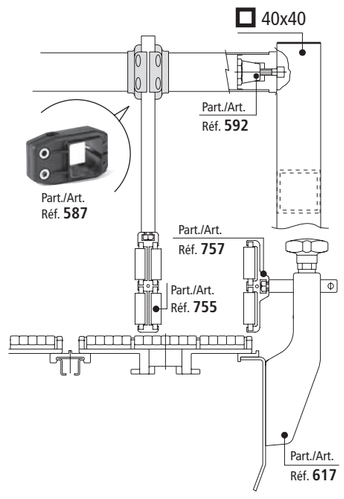
Part. 369 - Connecting bar



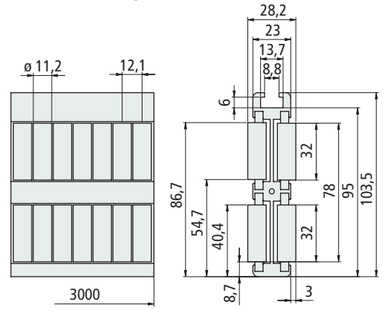
For assembly insert the guides and tighten the set screw.

- **Min. curvature radius** Part. 755





Roller centre guides

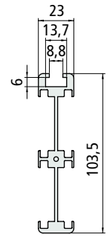


Part.	Rollers material	Code	Weight kg/m
755	Polyurethan (blue) 85 Shore A	607703	3,22
	Polyethylene PE (white)	607713	3,00

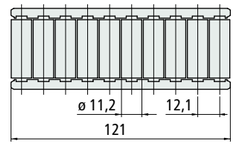
- Material metal profile : anodized aluminium
- Min. curvature radius : 750 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Roller module

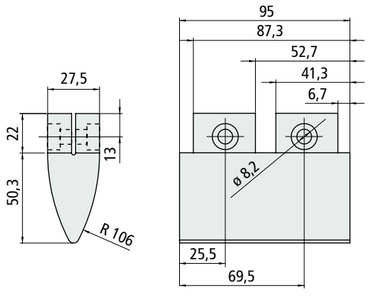


Length mm	Code
3000	607913
6000	607923

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

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

Separation block



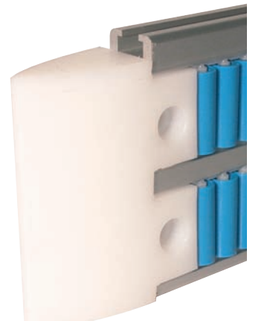
Part.	Code	Weight kg
759	608093	0,124

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

Part. 755

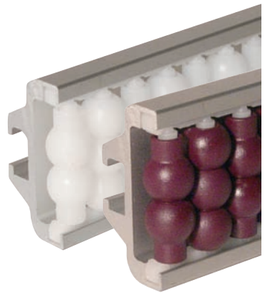
New Product

Part. 759



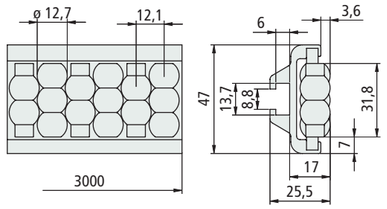
New Product

Part. 756



New Product

Pearl™ roller side guide

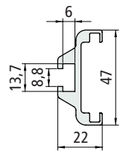


Part.	Rollers materiale	Code	Weight kg/m
756	UNL™ (Aubergine)	607723	1,20
	PE (Polyethylene white)	607733	1,15

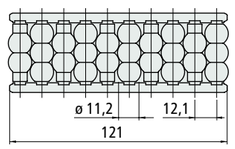
- Material metal profile : anodized aluminium
- Min. curvature radius : 250 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Pearls™ module

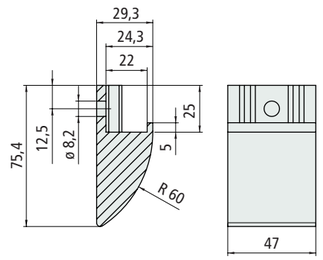


Length mm	Code
3000	607933
6000	607943

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

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

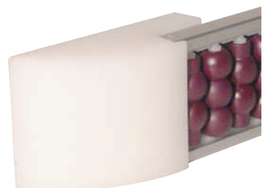
Separation block



Part.	Code	Weight kg
760	608103	0,058

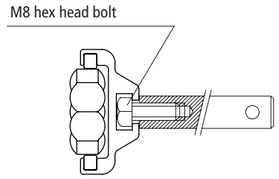
- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

Part. 760



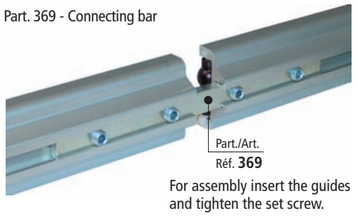
New Product

- **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. 756
  - For the correct modules assembly see page S210 - S211.



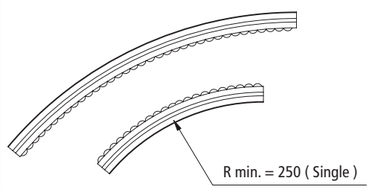
- **Accessories**

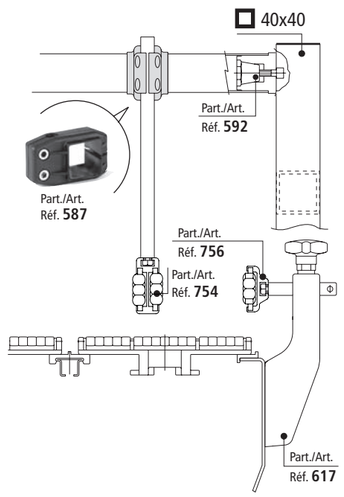
Part. 369 - Connecting bar



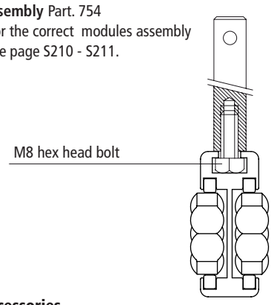
For assembly insert the guides and tighten the set screw.

- **Min. curvature radius** Part. 756



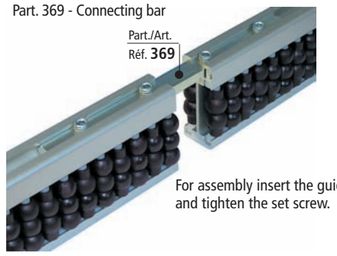


- **Characteristics** Part. 757
  - Self supporting structure.
  - Anodized aluminium profile.
  - Quick and easy installation by standard bolts.
  - UNL™ low noise material.
  - Can be used straight running and sideflexing.
  - Low friction rollers.
  - Suitable for delicate containers and packages.
- **Assembly** Part. 754
  - For the correct modules assembly see page S210 - S211.



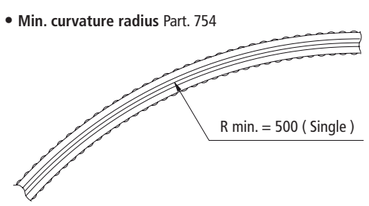
- **Accessories**

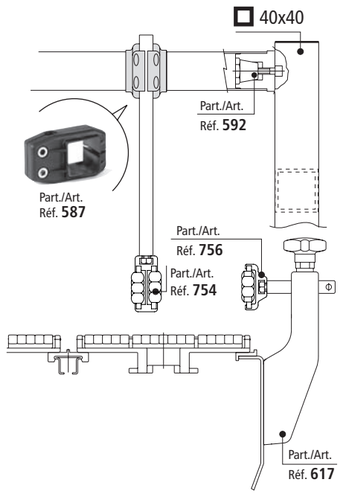
Part. 369 - Connecting bar



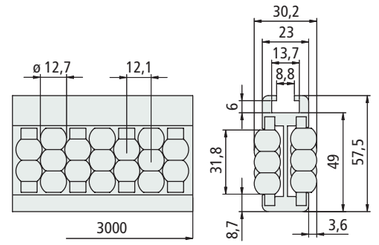
For assembly insert the guides and tighten the set screw.

- **Min. curvature radius** Part. 754





Pearls™ roller centre guide

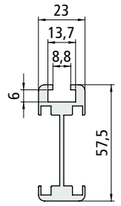


Part.	Rollers material	Code	Weight kg/m
754	UNL™ (Aubergine)	607643	1,80
	PE (Polyethylene white)	607653	1,70

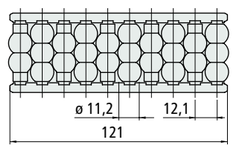
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Pearls™ module

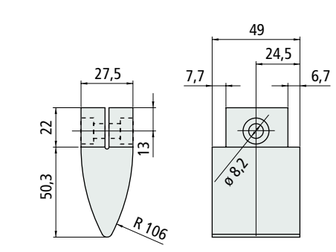


Length mm	Code
3000	607893
6000	607903

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

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

Separation block



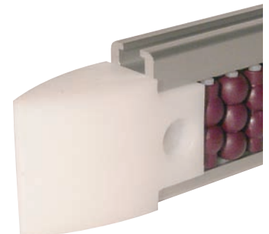
Part.	Code	Weight kg
759	608083	0,063

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

Part. 754

New Product

Part. 759

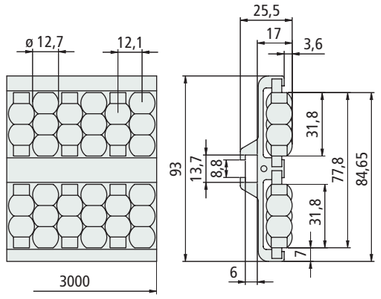


New Product

Part. 756

New Product

Pearl™ roller side guide

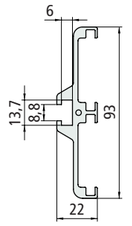


Part.	Rollers material	Code	Weight kg/m
756	UNL™ (Aubergine)	607743	2,06
	PE (Polyethylene white)	607753	1,95

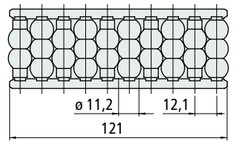
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Pearls™ module

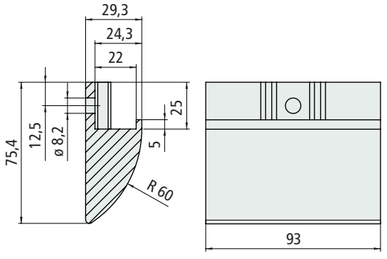


Length mm	Code
3000	607953
6000	607963

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

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

Separation block



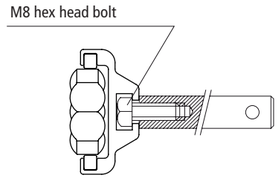
Part.	Code	Weight kg
760	608113	0,120

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

Part. 760

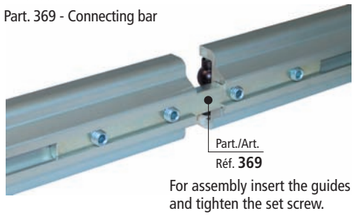
New Product

- **Characteristics** Part. 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. 756
  - For the correct modules assembly see page S210 - S211.



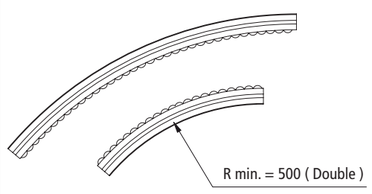
- **Accessories**

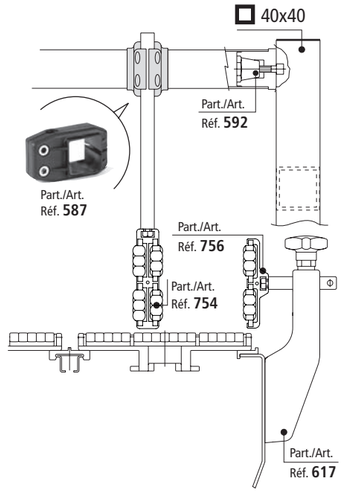
Part. 369 - Connecting bar



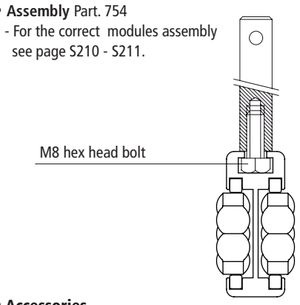
For assembly insert the guides and tighten the set screw.

- **Min. curvature radius** Part. 756



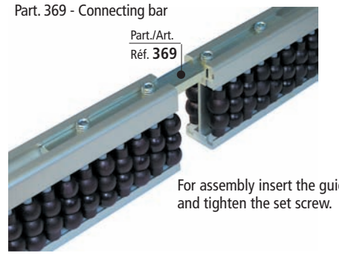


- **Characteristics** Part. 757
  - Self supporting structure.
  - Anodized aluminium profile.
  - Quick and easy installation by standard bolts.
  - UNL™ low noise material.
  - Can be used straight running and sideflexing.
  - Low friction rollers.
  - Suitable for delicate containers and packages.
- **Assembly** Part. 754
  - For the correct modules assembly see page S210 - S211.



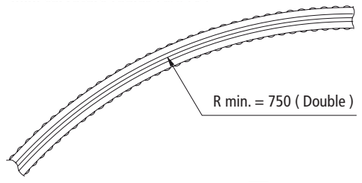
- **Accessories**

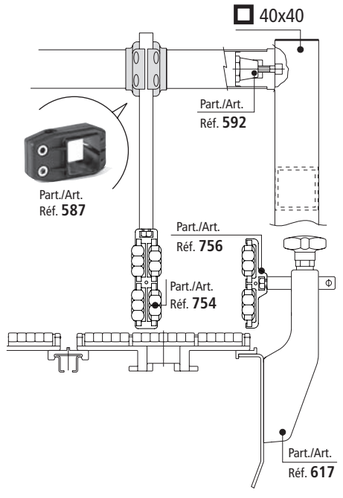
Part. 369 - Connecting bar



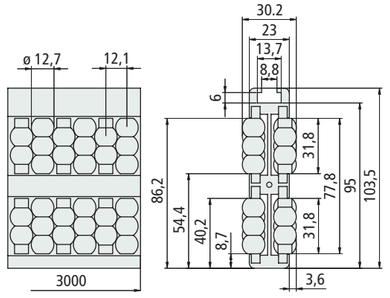
For assembly insert the guides and tighten the set screw.

- **Min. curvature radius** Part. 754





Pearls™ roller centre guide

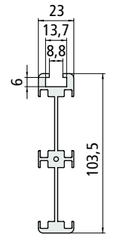


Part.	Rollers material	Code	Weight kg/m
754	UNL™ (Aubergine)	607663	3,12
	PE (Polyethylene white)	607673	2,90

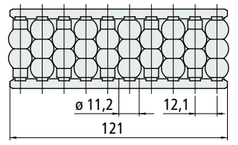
- Material metal profile : anodized aluminium
- Min. curvature radius : 750 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Pearls™ module

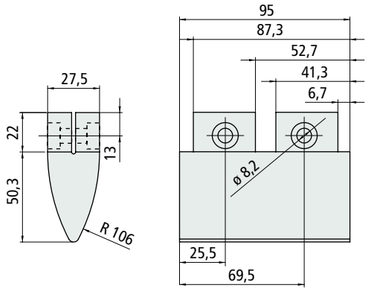


Length mm	Code
3000	607913
6000	607923

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

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

Separation block



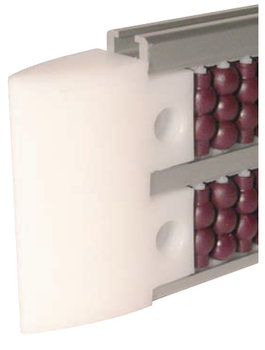
Part.	Code	Weight kg
759	608093	0,124

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

Part. 754

New Product

Part. 759

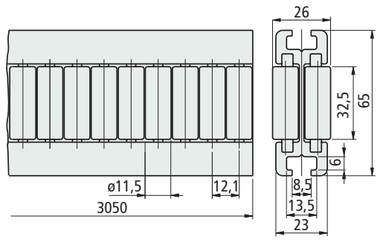


New Product

Part. 656-731

New Product

Centre rollers guide

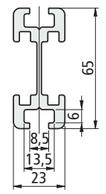


Part.	Rollers material	Code	Weight kg/m
656	Polyethylene PE (white)	**656382**	1,96
731	Polyurethan (blue) 85 Shore A	**689962**	

- 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.

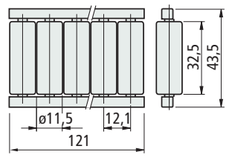
Metal profile



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**

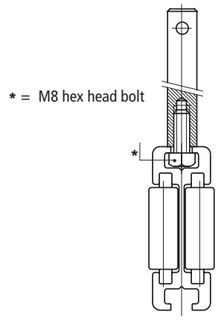
- Packaging : 10 pieces

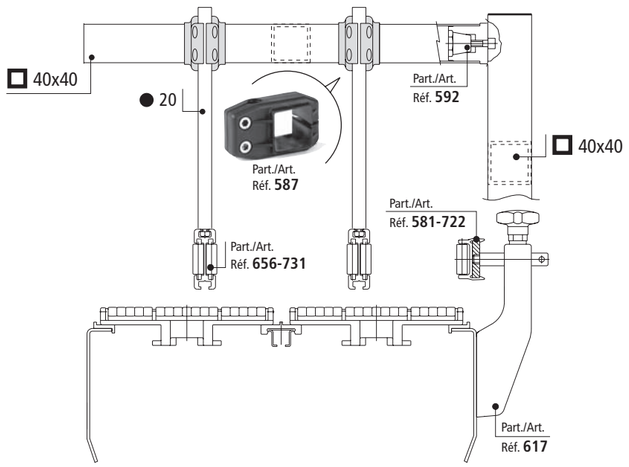
• Accessories

Part. 369 - Connecting bar

For assembly insert the guides and tighten the set screw.

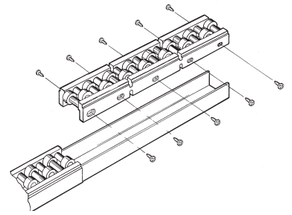
• Fixing



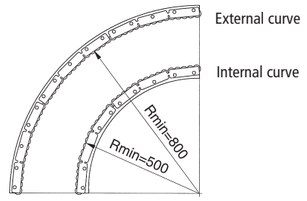


• Use of Part. 128 S-128
Rugged containers (ex. cases, cartons).

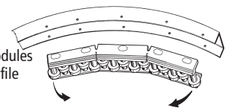
• Modular system
Guides are made of 257 mm long modules fixed on a metal "C" profile.



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

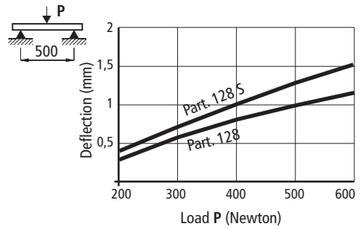


Curving procedure

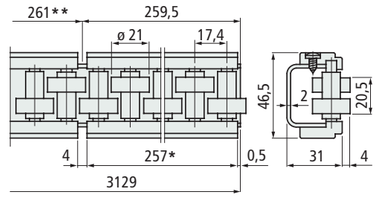


- Disassemble the modules
- Curve the metal profile using the manual bending machine.
- Reassemble the modules (the flexibility of the side straps make them easily adaptable to the curved profile).

• Deflection of Part. 128S-128



Roller side guide



* = module length
** = pitch of modules

Part.	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 :

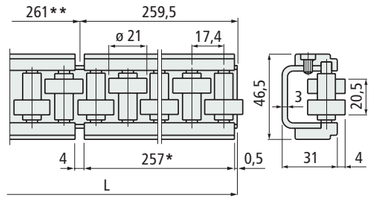
Guide rail clamps see page S104.

Guide rail bending machine (manual) see page S101.

Part. 128 S

Sideflexing

Roller side guide



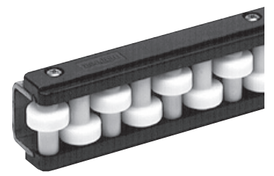
* = module length
** = pitch of modules

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

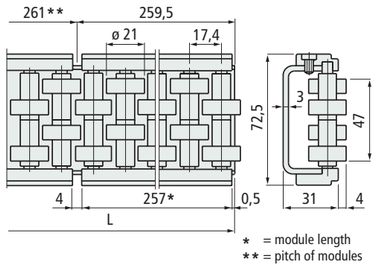


Straight run

Part. 128

Straight run

Roller side guide



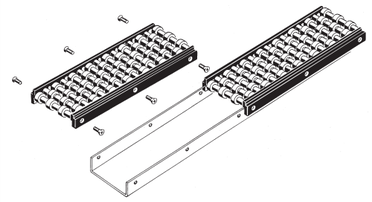
Part.	Length L mm	Metal profile and screws material	Code	Weight kg/m
128	1041	Zinc plated steel	64501	3,8
		Stainless steel AISI 304	62650	
	2085	Zinc plated steel	64511	
		Stainless steel AISI 304	62680	
	3129	Zinc plated steel	64521	
		Stainless steel AISI 304	63340	

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

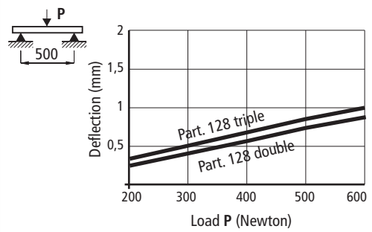
Guide rail clamps
see page S122.

- **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.



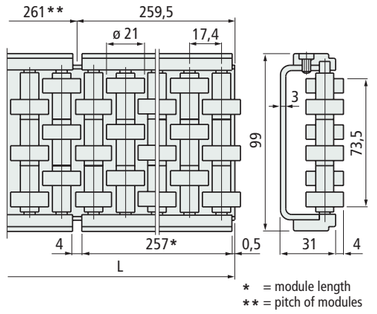
- **Deflection of Part.128**



Part. 128

Straight run

Roller side guide



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

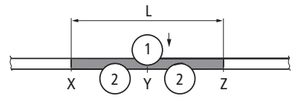
- **Bending procedure**

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

L = R • 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

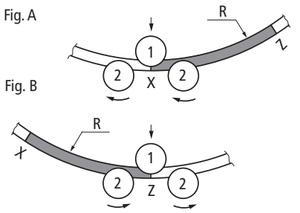
2- Sign the length L on the profile to be bent, with (X) starting point, (Z) end point and (Y) middle point. Acting on handle (M), displace roller (1) to contact the profile



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.

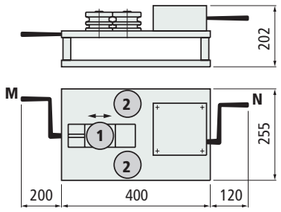
Fig. A

Fig. B



Guide rail bending machine (manual)

Part. 218



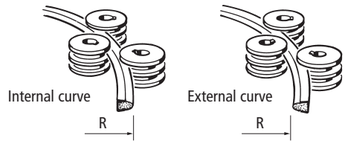
Part.	Code	Weight kg
218	60151*	23

- 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	Inside bent rollers position	Inside bent rollers position	Code	No. of rollers
233	Part. 219 Part. 393 Part. 317 Part. 308 Part. 223	R A B A R min = 145	R B A B R min = 145	62791	4
	Part. 247	R E D E R min = 145	R D E D R min = 145	62811*	4
	Part. 346	R S R S R min = 110	R R S R R min = 110	64374*	4
	Part. 273	R I I I R min = 160	R I I I R min = 160	69232*	3
	Part. 596	R F F F R min = 160	R F F F R min = 160	621462*	3
	Part. 422	R Z G Z R min = 280	R G Z G R min = 280	68179*	4
	Steel rods dia. 8 to 14• mm	R E E E R min = 145	R E E E R min = 145	62821*	3
	Part. 191 Part. 296	R C C C R min = 200	R C C C 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.

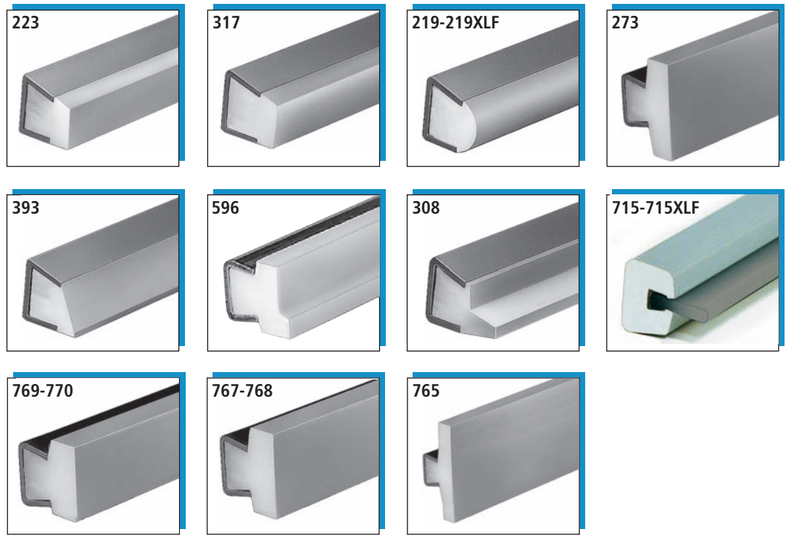
Part.	Types of guides to be bent	Inside bent rollers position	Inside bent rollers position	Code	No. of rollers
233	Part. 537	R M N M R min = 500	R N M N R min = 500	689371*	4
	Part. 128 S	R U V U R min = 500	R V U V R min = 800	64566*	4

- 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 ti 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.

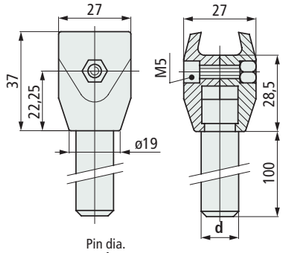
Guide rail clamps for

- 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



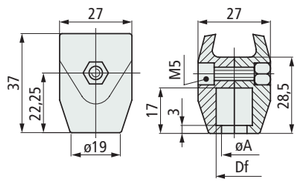
Part.	Pin dia. d mm	Code	Weight kg
210 P	12	P6203910	0,12
	14	P6185510	0,15

- 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

Microban® antibacterial protection

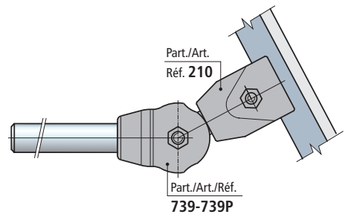
■ Guide rail clamp



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

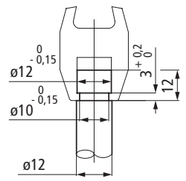
- Material : guide rail clamps in reinforced polyamide PA FV (black).
  Bolt in stainless steel AISI 304.Nut in nickel plated brass.
- Colour : grey (with **Microban®**), black (without **Microban®**).
- Packaging: 100 pieces.
- Accessories : swivel pin connection Part. 739-739P.

• **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.

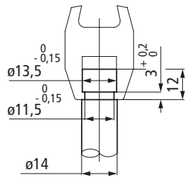


• **Pin dimensions** for Part. 210

Pin dia. 12 mm

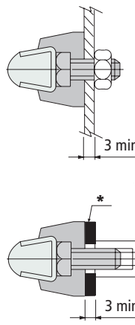


Pin dia. 14 mm

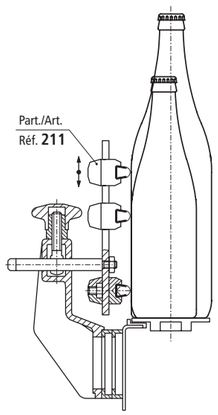


for Part. 223 - 317 - 219 - 219XLF - 273 - 393 - 596 - 308 - 715 - 715XLF - 765 - 767 - 768 - 769 - 770

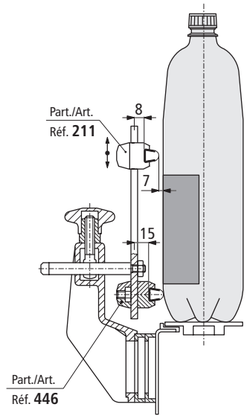
• **Assembly of part.** 275



• **Assembly of** Part. 211
Unlimited height adjustment possible

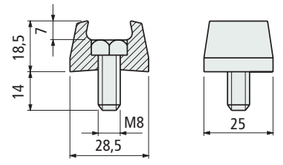


• **Assembly of Part.** 211-446
PET bottle movement (subject to swelling).



■ Guide rail clamp

Part. 275

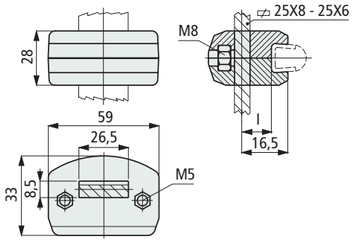


Part.	Code	Weight kg
275	66811	0,02

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

■ Adjustable guide rail clamp

Part. 211



Distance l = 8 mm

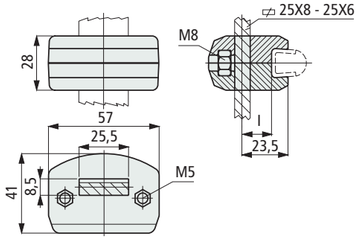
Microban® antibacterial protection

Part.	l mm	Code With Microban®	Code Without Microban®	Weight kg
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.

■ Adjustable guide rail clamp

Part. 446



Distance l = 15 mm

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

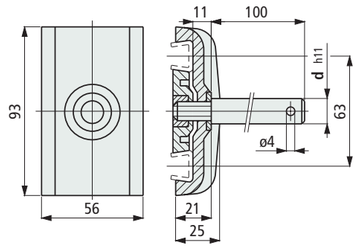
- Material : guide rail clamps in reinforced polyamide PA FV (black).
  Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.

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

Part. 213

Microban® antibacterial protection

Double guide rail clamp



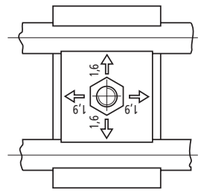
Part.	Pin dia. d mm	Code With Microban®	Code Without Microban®	Weight kg
213	12	652042	60091	0,19
	14	–	60181	0,22
	16	–	60191	0,25

- 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.

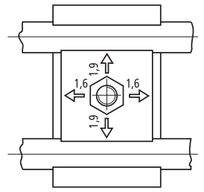
• **Assembly of** Part. 213

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.

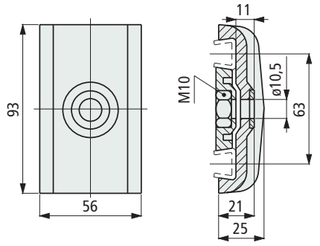


Position of plate for assembly of guides of thickness s = 2. The plate is turned through 90°.



Part. 213

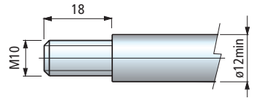
Double guide rail clamp



Part.	Code	Weight kg
213	60101	0,08

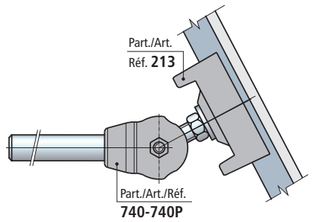
- Material : guide rail clamp in reinforced polyamide PA FV (black). Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.
- Accessories : swivel pin connection Part. 749-740P.

• **Pin dimension for** Part. 213



• **Swivel pin connection** Part. 740-740P

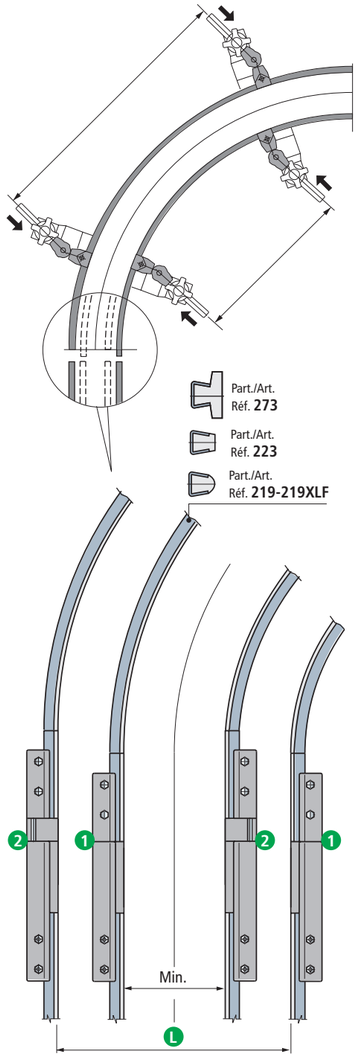
Use for conveyors with (format change). They avoid an easy regulation of product-guides on corner tracks.
See page S108.



for Part. 223 - 219 - 219XLF - 273

• **Assembly of** Part. 736-737-738

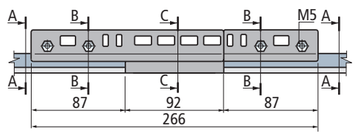
The clamps allows the junction of straight tracks with corner tracks.
Ideal to adjust the length of side guides near the curves when width adjustment is needed.



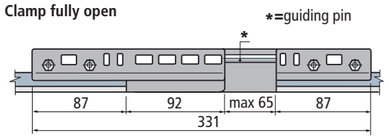
1- Closed clamp.
2- Open clamp.
L- Size changing width.

Sliding joint clamp

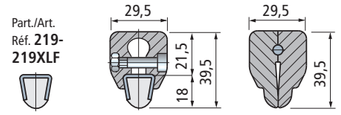
Clamp fully closed



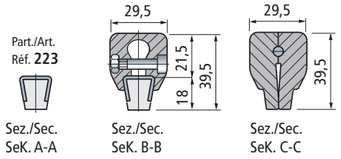
Clamp fully open *=guiding pin



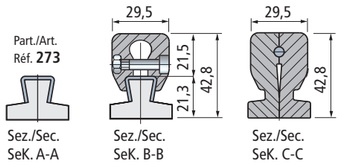
Part. 736 - Sliding joint clamp for Part. 219-219XLF



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.

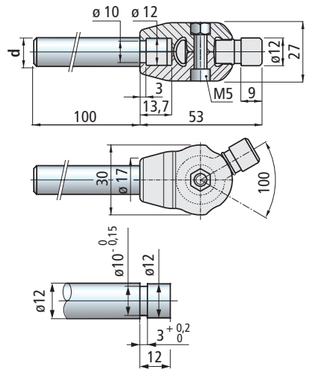
Part. 736-737-738

New Product

Part. 739-739P

New Product

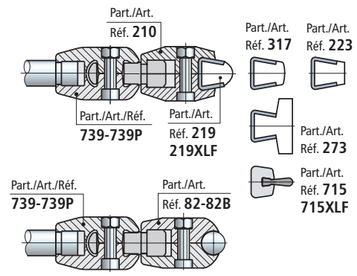
Swivel pin connection



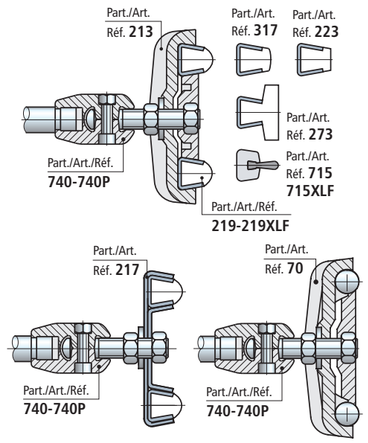
Part.	Version	Pin dia. d mm	Code	Weight Kg
739	Without pin	—	**695522**	0,01
739P	With pin	12	**P6025830**	0,12

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

• Assembly of Part. 739-739P

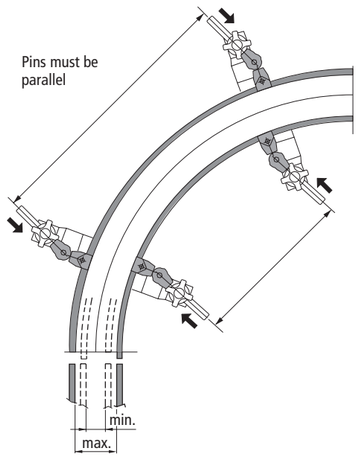


• Assembly of Part. 740-740P



• Use of Part. 739-739P-740-740P

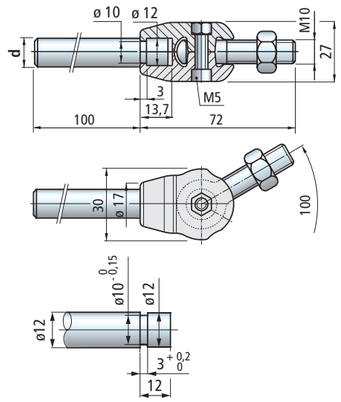
Use for conveyors with (format change).
They allow an easy regulation of product-guides on corner tracks.
To adjust the guide-rail with format change, untighten the knobs of brackets and slide along the "parallel pins" until the required width.



Part. 740-740P

New Product

Swivel pin connection

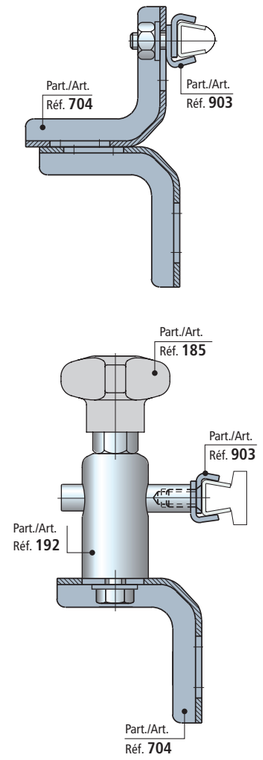


Part.	Version	Pin dia. d mm	Code	Weight Kg
740	Without pin	—	**695532**	0,01
740P	With pin	12	**P0602593**	0,12

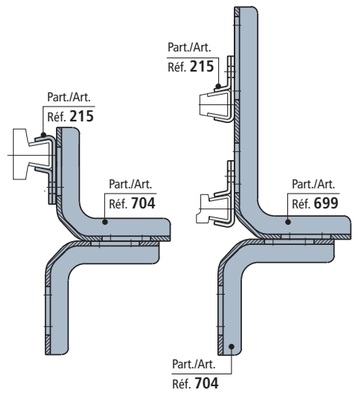
- Material : clamp in reinforced Polyamide PA FV (black). Eyebolt and nut in stainless steel AISI 304. Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 20 pieces.

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

• Assembly of Part. 903-216

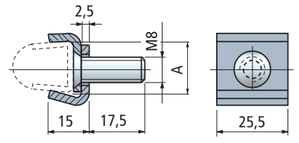


• Assembly of Part. 215



Part. 903

ViseClamp™

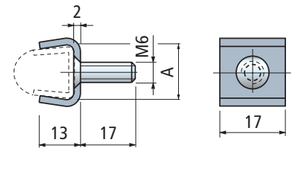


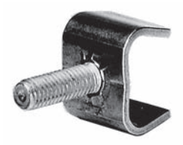
Part.	Use	A mm	Code
903	For guides with S= 2	17	**656001***

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

Part. 216

Guide rail clamp



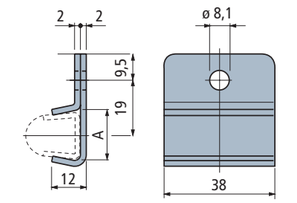


Part.	Use	A mm	Code	Weight kg
216	For guides with S= 1,5	16,5	**60131***	0,01
	For guides with S= 2	17	**64244**	

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

Part. 215

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**	

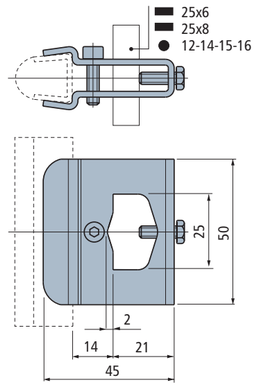
- Material : stainless steel AISI 304.
- Packaging : 50 pieces.

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

Part. 693

New Product

Guide-rail clamp
With one fixing screw

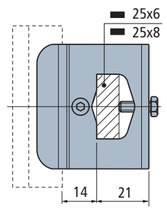


Part.	Code	Weight kg
693	**689212**	0,10

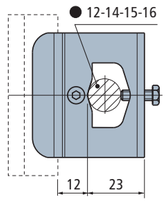
- Material : clamp and bolt in stainless steel AISI 304.
- Packaging : 16 pieces.

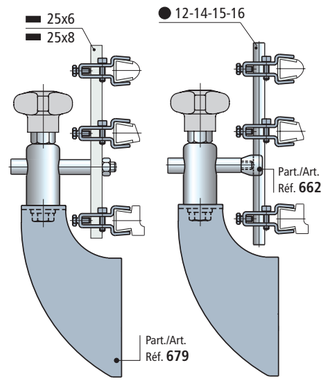
• Assembly of Part. 693

Fixing on plates



Fixing on rods

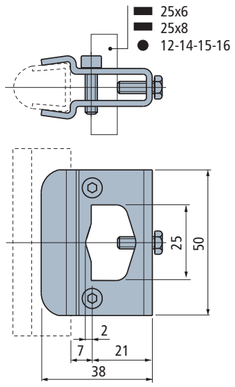




Part. 694

New Product

Guide-rail clamp
With two fixing screws

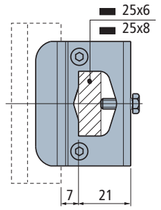


Part.	Code	Weight kg
694	**689222**	0,10

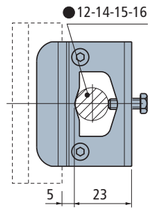
- Material : clamp and bolt in stainless steel AISI 304.
- Packaging : 16 pieces.

• Assembly of Part. 694

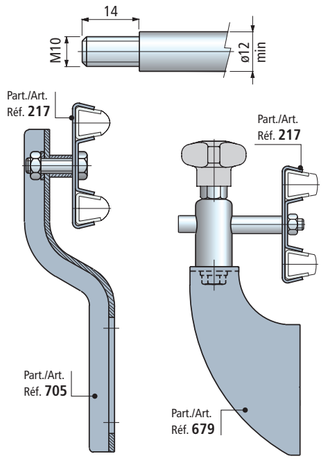
Fixing on plates



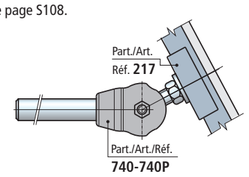
Fixing on rods



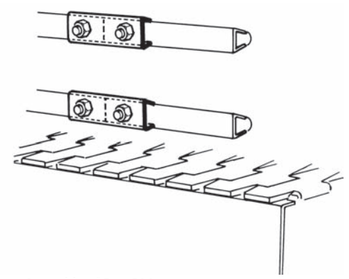
• Pin dimensions for Part. 217



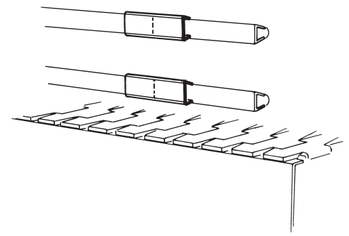
• Swivel pin connection Part. 740-740P
Use for conveyors with (format change).
They allow an easy regulation of product-guides on corner tracks.
See page S108.



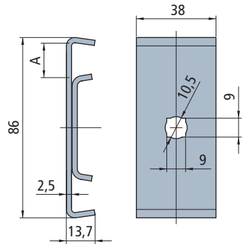
• Assembly of Part. 902



• Assembly of Part. 214



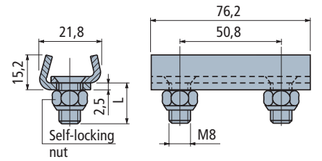
Guide-rail clamp (double)



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.

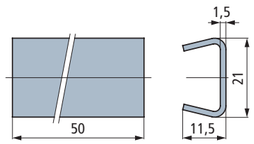
ViseSplice™



Part.	Use	L mm	Code
902	Per guide con S= 2	15	**656041***

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

Connecting clamp



Part.	Code	Weight kg
214	**60111**	0,02

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

Part. 217

Part. 902

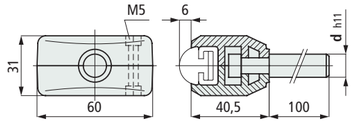
Part. 214

*= 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**

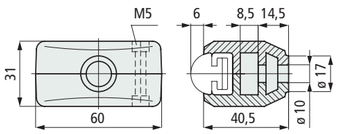


Part.	Pin dia. d mm	Code	Weight kg
	12	63931	0,13
236	14	63941	0,18
	16	63951*	0,23

- 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**

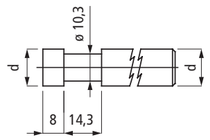


Part.	Code	Weight kg
236	63141	0,06

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

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

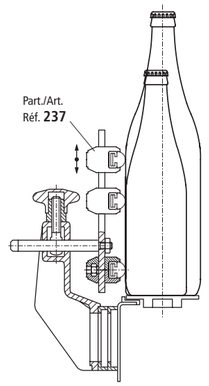
• **Pin dimensions for** Part. 236



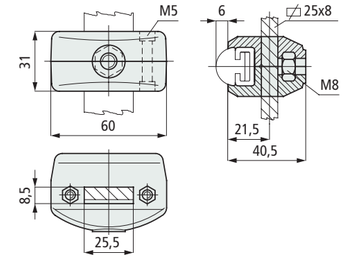
d = dia. 12 16 mm

for Part. 247

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



■ **Adjustable guide-rail clamp (regolabile)**



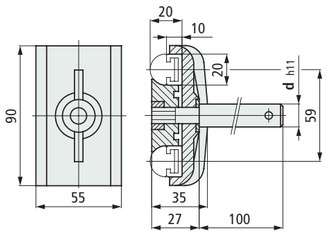
Part.	Code	Weight kg
237	63151	0,06

- 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. 116

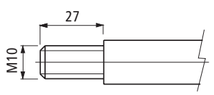
■ **Double guide-rail clamp**



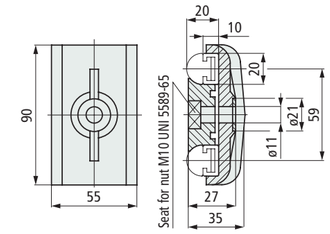
Part.	Pin dia. d mm	Code	Weight kg
	12	51590	0,20
116	14	51600	0,23
	16	55010	0,26

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

• **Pin dimensions for** Part. 111



■ **Double guide-rail clamp**

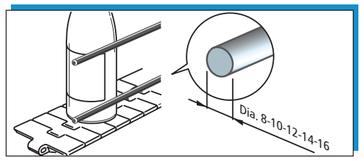


Part.	Code	Weight kg
111	51580	0,08

- 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

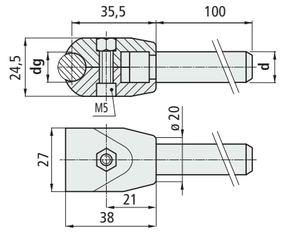
Part. 111

Guide-rail clamps for
• Round steel rods



Part. 82P

■ Guide-rail clamp

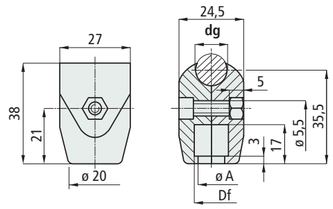


Part.	pin dia. **d** mm	Guide dia. **dg** mm	Code	Weight kg
82 P	**12**	10	**P6827820**•	0,12
		12	**P6184910**	
		14	**P6185010**	
	14	10	**P6827920**•	0,15
		12	**P6185110**	
		14	**P6185210**	

• = 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

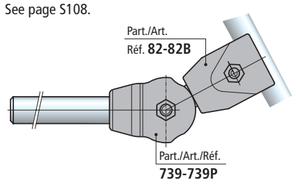


Part.	Use	Guide dia. **dg** mm	Code	Bore dia. dia. Df mm	A mm	Weight kg
Without tightening bolt						
82	**for pins dia. 12**	10	**682742**•			0,01
		12	**66861**	12	10	
		14	**66871***			
	for pins dia. 14	10	**682752**•			
		12	**50930***	13,5	11,5	
		14	**50940***			
With tightening bolt						
82 B	**for pins dia. 12**	10	**B6827620**•			0,01
		12	**B6683800**	12	10	
		14	**B6684800**			
	for pins dia. 14	10	**B6827720**•			
		12	**B6072510**	13,5	11,5	
		14	**B6072610**			

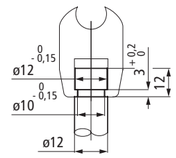
• = New Product.
- Material : guide rail clamps in reinforced polyamide PA FV (black).
Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 100 pieces.
- Accessories : swivel pin connection Part. 739-739P.

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

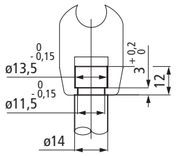
• **Swivel pin connection** Part. 739-739P
Use for conveyors with (format change).
They allow an easy regulation of product-guides on corner tracks.
See page S108.



• **Pin dimensions for** Part. 82 - 82 B
Pin dia. 12 mm

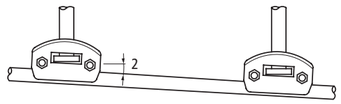


Pin dia. 14 mm

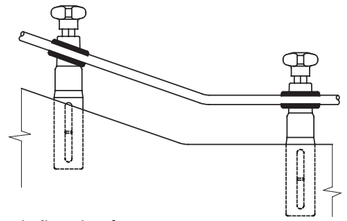


for round steel Rods

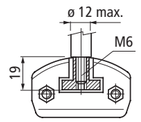
• **Assembly of** Part. 478
It is possible an inclination of 2° of the guide rail



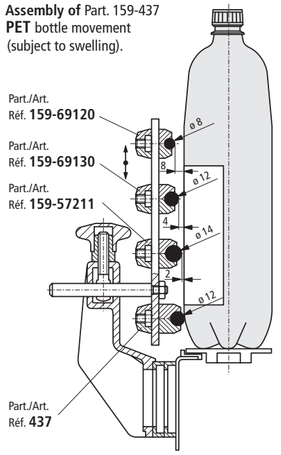
Recommended for inclined conveyors (with any angle).



• **Pin dimensions for** Part. 478



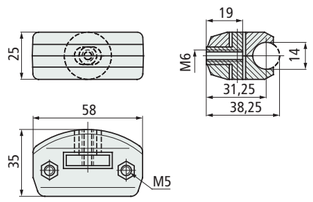
• **Assembly of** Part. 159-437
PET bottle movement
(subject to swelling).



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.

■ **Pivoting guide-rail clamp**



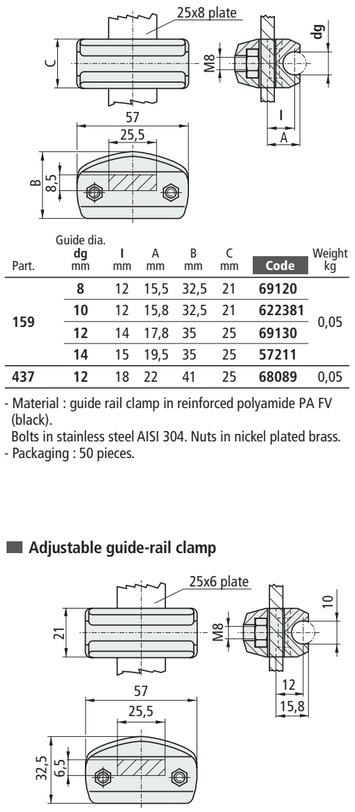
Part.	Code	Weight kg
478	**670151**	0,06

- 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	l 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

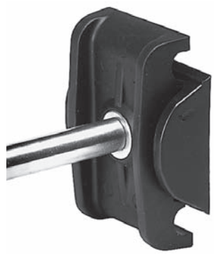
For 25 x 8 plates

■ **Adjustable guide-rail clamp**

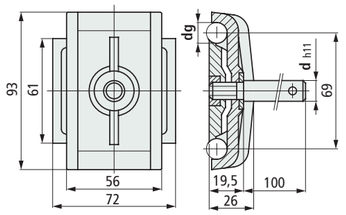
Part. 451

For 25 x 6 plates

Part. 71



■ **Double guide-rail clamp**

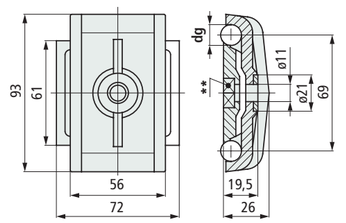


Part.	Pin dia. **d** mm	Guide dia. **dg** mm	Code	Weight kg
71	12	10 12	**677252**• **50960**	0,20
	14	10 12	**677262**• **50970**	0,22
	16	10 12	**677272**• **50980***	0,26

• = *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**



** = Seat for nut M10 UNI 5588

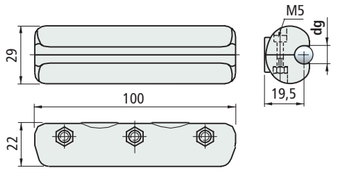
Part.	Guide dia. **dg** mm	Code	Weight kg
70	10 12	**677242**• **50950**	0,09

• = *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.

Part. 676

New Product

■ **Joint clamp**

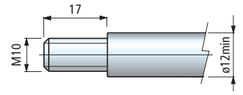


Part.	Guide dia. **dg** mm	Code	Weight kg
676	10 12	**689682** **689692**	0,10

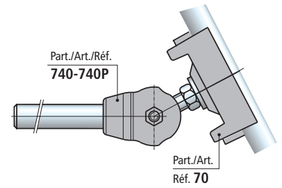
- Material : joint clamp in reinforced Polyamide **PA FV** (black).
  Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 10 pieces.

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

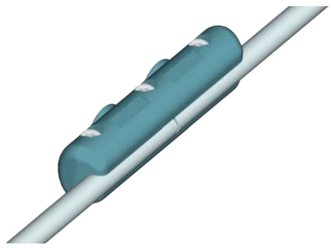
• **Pin Dimensions** for Part. 70



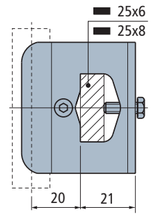
• **Swivel pin connection** Part. 739-739P
Use for conveyors with (format change).
They allow an easy regulation of product-guides on corner tracks.
See page S108.



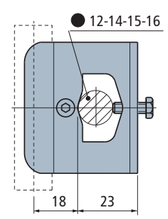
• **Use** of part. 676
New split joint clamp, to be used for the junction of dia. 10-12 round guides.

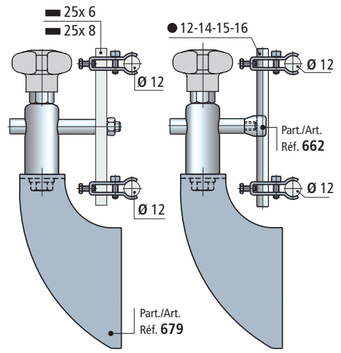


• **Assembly** of Part. 697
Fixing on plates

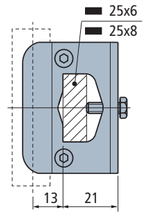


Fixing on rods

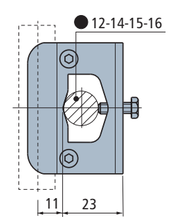




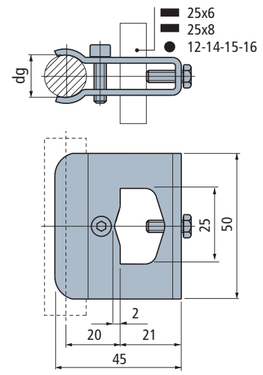
• **Assembly** of Part. 698
Fixing on plates



Fixing on rods



■ **Guide-rail clamp**
With one fixing screw



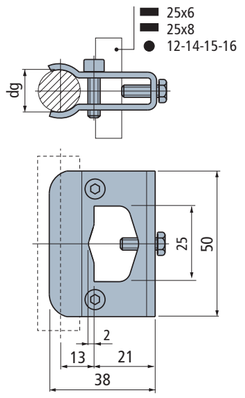
Part.	Guide dia. **dg** mm	Code	Weight kg
697	12	**689192**	0,10

- 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

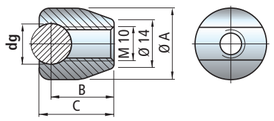
Guide-Rail Clamps

for round steel Rods

Part. 662

New Product

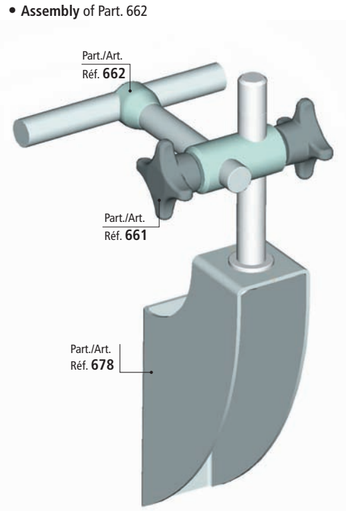
Guide-rail clamp



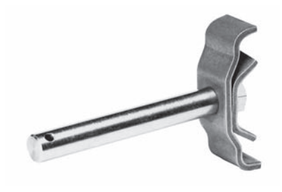
Part.	Guide dia. dg mm	Code	dia.A mm	B mm	C mm	Weight kg
662	10	669542	20	17,5	20	0,03
	12	669552	21	18,5	22	
	14	669562	23	19,5	24	

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

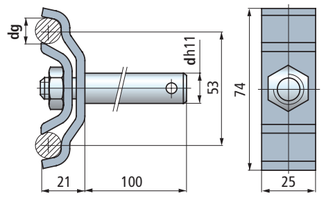
• Assembly of Part. 662



Part. 50



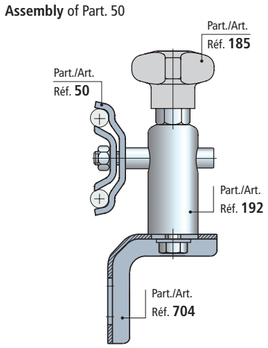
Guide-rail clamp (double)

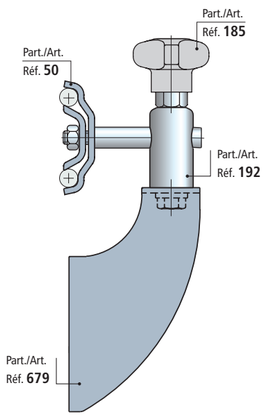


Part.	Guide dia. dg mm	Pin dia. d mm	Code	Weight kg
50	12	12	53801	0,34
		14	51000	0,36
		16	647871	0,38

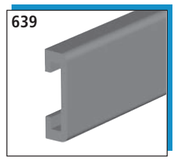
- Material : guide rail clamp and tightening nut in stainless steel AISI 304. Pin in stainless steel AISI 303.
- Packaging : 50 pieces.

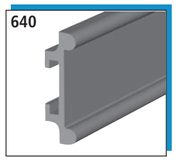
• Assembly of Part. 50

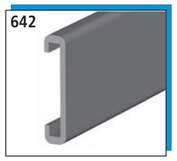




Guide-Rail Clamps

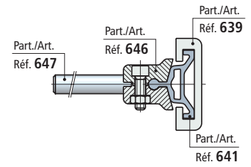




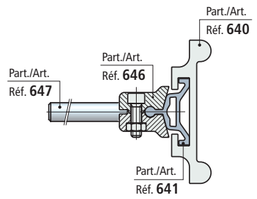


Guide-rail clamps for
- Part. 639
- Part. 640
- Part. 642

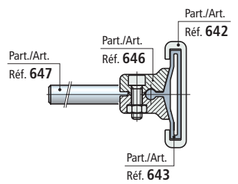
• Assembly of Part. 639



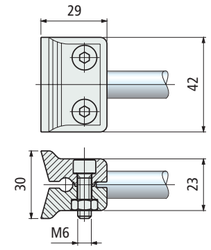
• Assembly of Part. 640



• Assembly of Part. 642



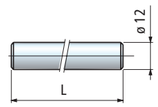
Guide-rail clamp



Part.	Code
646	652362

- Material : clamp in poliketone (black). Bolts and nuts in stainless steel.
- Packaging : 50 pieces.

Rod



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.

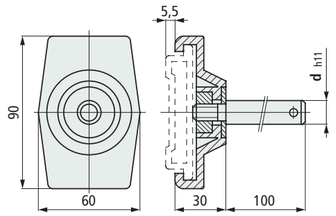
Part. 646

Part. 647

Guide-rail clamps for
• Part. 191

Part. 190

■ **Guide-rail clamp**

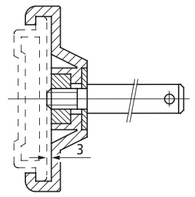


Part.	pin dia. d mm	Code	Weight kg
	12	55741	0,18
190	14	55751	0,22
	16	55761	0,25

- Material : guide rail clamp in rinforced 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**

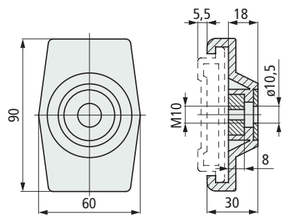
• **Assembly** of Part.190

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



Part. 184

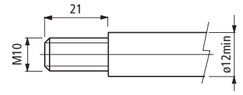
■ **Guide-rail clamp**



Part.	Code	Weight kg
184	54961	0,09

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

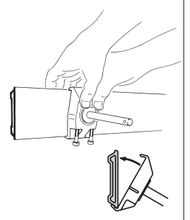
• **Pin dimensions** for Part. 184



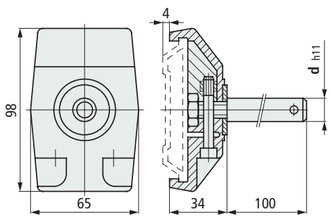
Guide-rail clamps for
• Part. 296

• **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**

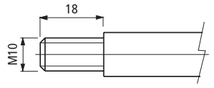


Part.	Pin dia. d mm	Code	Weight kg
	12	60372	0,12
298	14	60382	0,25
	16	60392	0,29

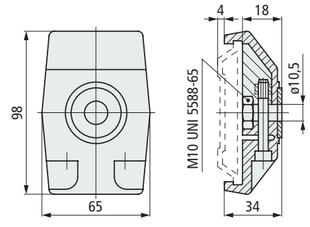
- Material : guide rail clamp in rinforced polyamide PA FV (black).
  Pin in stainless steel AISI 303. Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.
- **Suitable to use in curves also**

Part. 298

• **Pin dimensions** for Part. 298



■ **Guide-rail clamp**

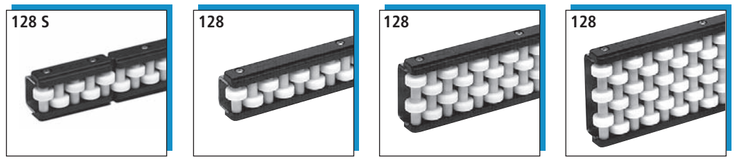


Part.	Code	Weight kg
298	60362	0,12

- 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**

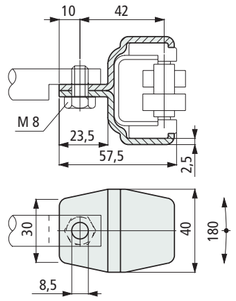
Part. 298

Guide-rail clamps for
- Part. 128 S
- Part. 128



Part. 373

Guide-rail clamp



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

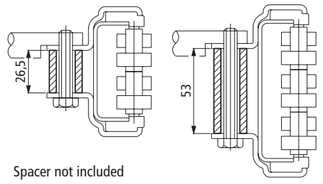
- Packaging : 50 pieces.
- **Suitable to use in curves also.**

- **Assembly** of Part. 373

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

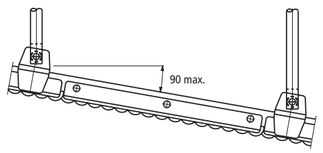
Spacer for double execution guide rail

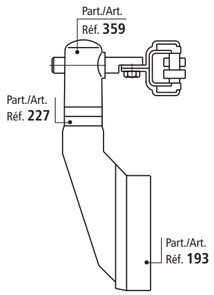
Spacer for triple execution guide rail



Spacer not included

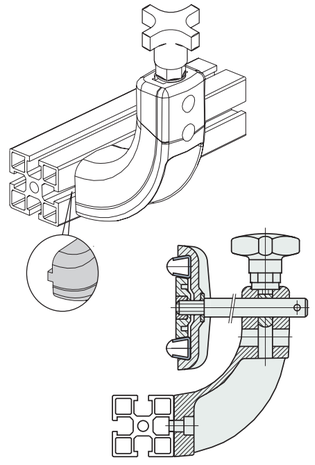
The clamp allow the guide to be mounted at an angle



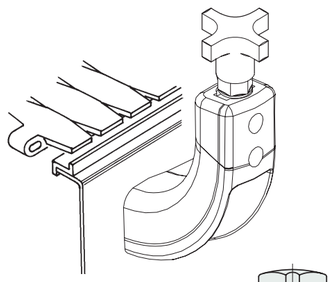


- **Characteristics** of Part. 708
  - Bracket with a reduced structure-connecting size.
  - Available with positioning guide for an easy assembly on aluminium sections.
  - The two holes allows to position the guide-rail bracket in two different heights depending on specific requirements.

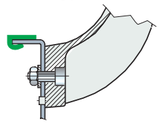
- **Assembly** version with positioning guide



- **Assembly** version without positioning guide

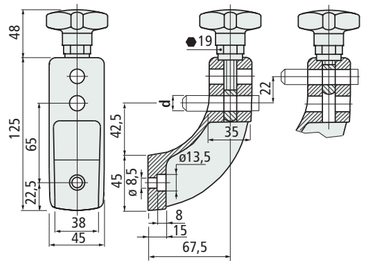


- **Assembly** version with centering pin

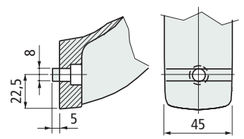


Bracket with two holes

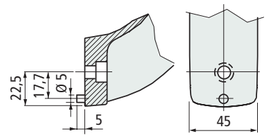
Version without positioning guide



Version with positioning guide



Version with centering pin



Part. 708

New Product

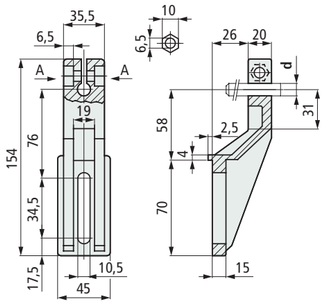
Part.	Pin dia. **d** mm	Code	Weight Kg
Version without positioning guide			
708	12	**692502**	
	14	**693092**	0,23
	16	**692512**	
Version with positioning guide			
708	12	**692482**	
	14	**693082**	0,23
	16	**692492**	
Version with centering pin			
708	12	**605603**	
	14	**605613**	0,23
	16	**605623**	

- 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

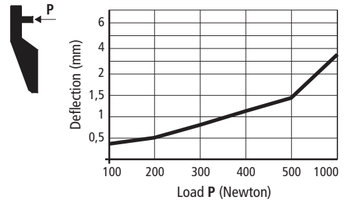
View A-A



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

- 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.

• **Deflection** of Part. 81



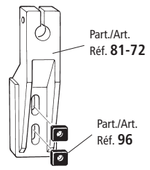
• **Technical data** Part. 81

- Sliding load resistance : 1020 N (with d = 12), 2000 N (with d = 14)
- Breaking load : 2500 N

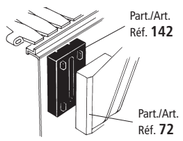
Tests performed at tightening torque : 0,6 Kgm

• **Accessories**

Square washer Part. 96, see page S141. Applicable to Part. 81-72 distributes force from tightening over larger area.

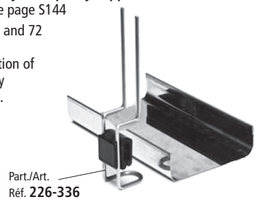


Spacer Part. 142, see page S142. Applicable to Part. 72



• **Assembly of drip tray support** Part. 226-336, see page S144

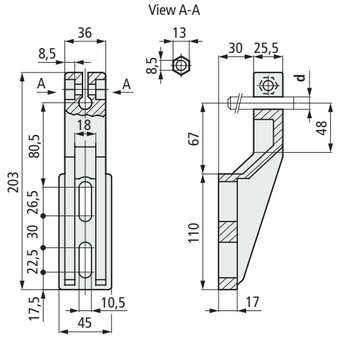
Part. 81 and 72 permit application of drip tray support.



Part. 72

Bracket

View A-A

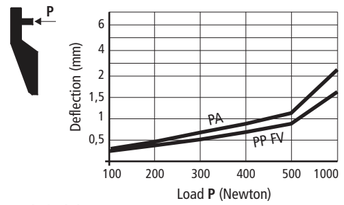


Part.	Material	Pin dia. d mm	Code	Weight kg
72	Polyamide PA (black)	14 16	50790 50800	0,17
	Reinforced polypropylene PP FV (nero)	14 16	57120 57130*	0,17

- 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. 72

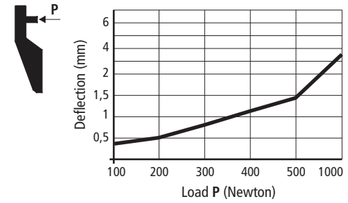


• **Technical data** Part. 72

- 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



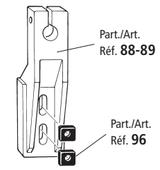
• **Technical data** Part. 88

- Sliding load resistance : 1400 N (with d = 12), 2000 N (with d = 14)
- Breaking load: 2500 N

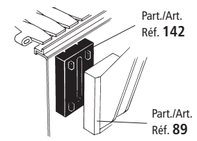
Tests performed at tightening torque : 0,6 Kgm

• **Accessories**

Square washer Part. 96, see page S141. Applicable to Part. 88-89 distributes force from tightening over larger area.

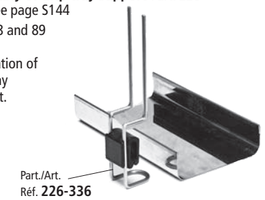


Spacer Part. 142, see page S142. Applicable to Part. 89

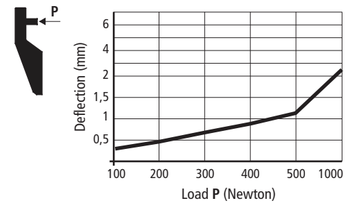


• **Assembly of drip tray support** Part. 226-336, see page S144

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



• **Deflection** of Part. 89



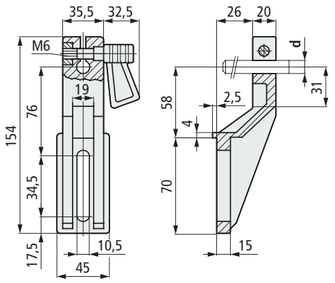
• **Technical data** Part. 89

- Sliding load resistance : 1450 N (with d = 12), 1300 N (with d = 14), 1100 N (with d = 16)
- Breaking load : 2700 N

Tests performed at tightening torque : 0,6 Kgm

Part. 88

Bracket with ratchet handle clamping

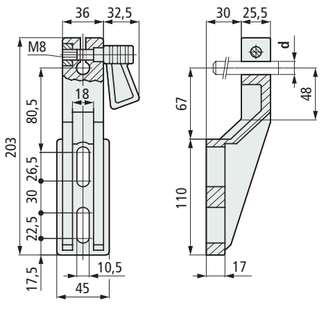


Part.	Material	Pin dia. d mm	Code	Weight kg
88	Polyamide PA (black)	12 14	50730 50740	0,15

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

Part. 89

Bracket with ratchet handle clamping

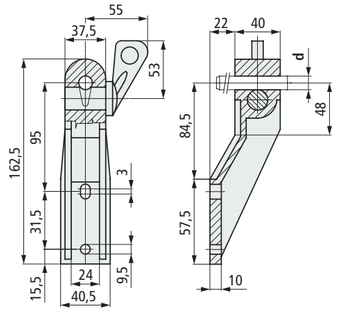


Part.	Material	Pin dia. d mm	Code	Weight kg
89	Polyamide PA (black)	12 14 16	69705 50750 50760	0,22

- 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

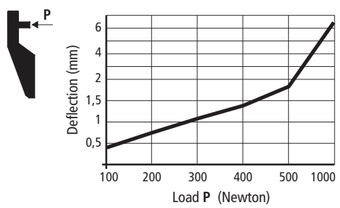
Bracket with eccentric lever



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

- Packaging : 50 pieces.

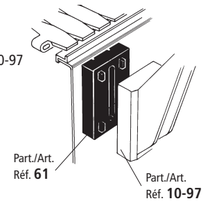
- **Deflection** of Part. 85



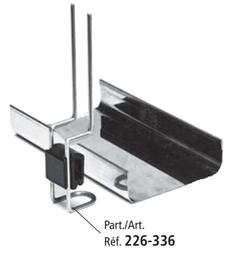
- **Technical data** Part. 85
  - Sliding load resistance : P 360 N (with d = 12-14)
  - Breaking load: P 1200 N

- **Accessories**

Spacer Part. 61, see page S142. Applicable to Part. 10-97

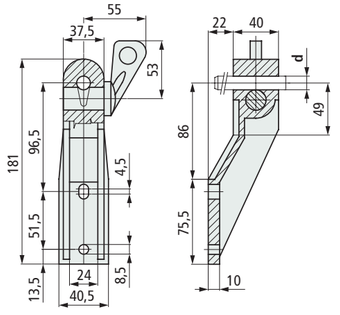


- **Assembly of drip tray support** Part. 226-336, see page S130.
  Part. 85-10-97 permit application of drip tray support.



Part. 10-97

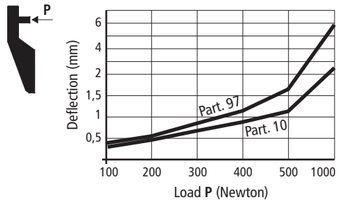
Bracket with eccentric lever



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

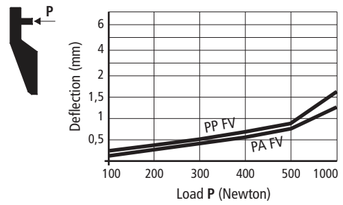
- Packaging : 50 pieces.

- **Deflection** of Part. 10-97



- **Technical data** Part. 10-97
  - Sliding load resistance : P Material in PA FV 700 N (with d = 14) Material in PP FV 360 N (with d = 12-14)
  - Breaking load : P Material in PA FV 2800 N Material in PP FV 1200 N

- **Deflection** of Part. 107

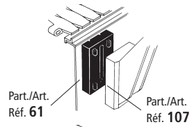


- **Technical data** Part. 107
  - Sliding load resistance : P Material in PA FV 2000 N (with d = 12) 3200 N (with d = 14) Material in PP FV 1300 N (with d = 12) 1700 N (with d = 14)
  - Breaking load : P Material in PA FV 4500 N Material in PP FV 3300 N

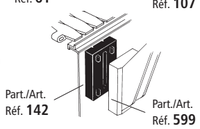
Tests performed at tightening torque : 4 Kgm

- **Accessories**

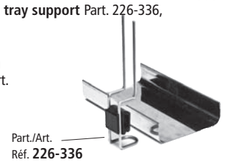
Spacer Part. 61, see page S142. Applicable to Part. 107



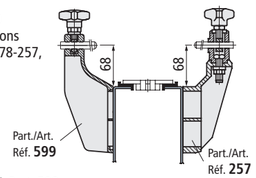
Spacer Part. 142, see page S142. Applicable to Part. 599



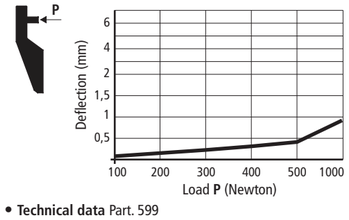
- **Assembly of drip tray support** Part. 226-336, see page S144.
  Part. 107 e 599 permit application of drip tray support.



- **Use** Part. 599
  Same dimensions as Part. 163-178-257, can be used alternatively.



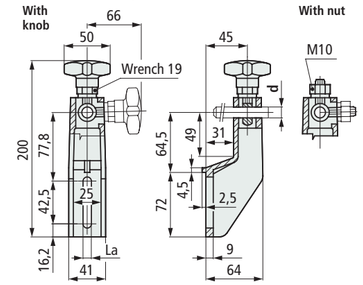
- **Deflection** of Part. 599



- **Technical data** Part. 599
  - Sliding load resistance : P 2000 N (with d = 12)
  - Breaking load : P 3000 N

Tests performed at tightening torque : 4 Kgm

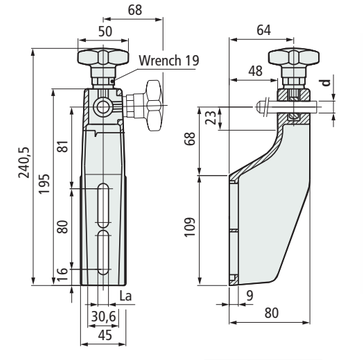
Bracket with eyebolt



Part.	Material	Pin dia. d mm	Code With Microban® La = 9	Code Without Microban® La = 9	Code 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 La = 9	Code La = 10,5	Weight
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

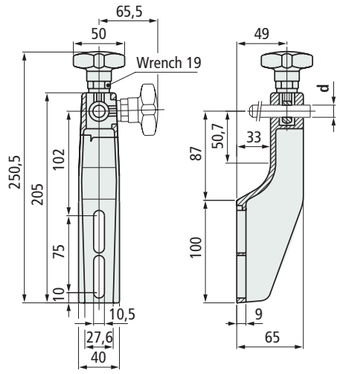
Microban® antibacterial protection

Part. 599

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

Part. 617

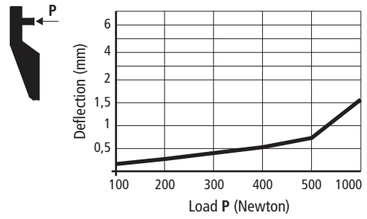
Bracket with eyebolt



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.

• **Deflection** of Part. 617



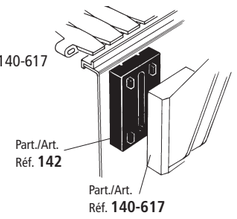
• **Technical data** Part. 617

- Sliding load resistance : P 2000 N (with d = 12)
- Breaking load : P 3000 N

Tests performed at tightening torque : 4 Kgm

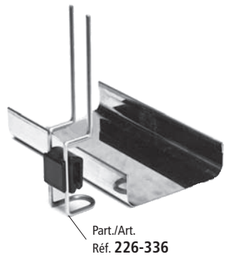
• **Accessories**

Spacer Part. 142,
see page S142.
Applicable to Part. 140-617

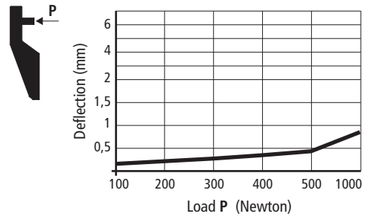


• **Assembly of drip tray support** Part. 226-336, see page S144

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



• **Deflection** of Part. 140



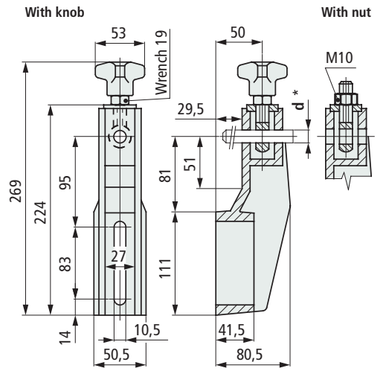
• **Technical data** Part. 140

- Sliding load resistance : P 3000 N (with d = 14-16)
- Breaking load : P 12000 N

Tests performed at tightening torque : 4 Kgm

Part. 140

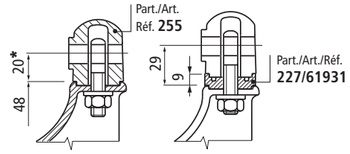
Bracket with eyebolt



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

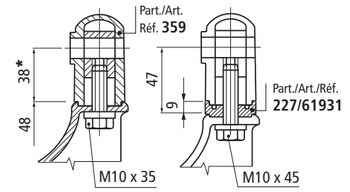
* = The bracket can be used with dia. 14 and dia. 16 mm pins.
- Material : bracket and knob in reinforced polyamide (black), exagonal insert (for 19 mm wrench) in nickel plated brass, tightening nut and eyebolt in stainless steel AISI 304.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25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

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



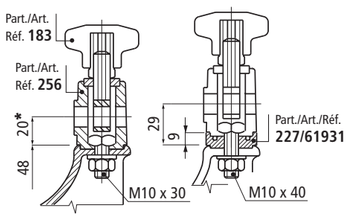
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

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



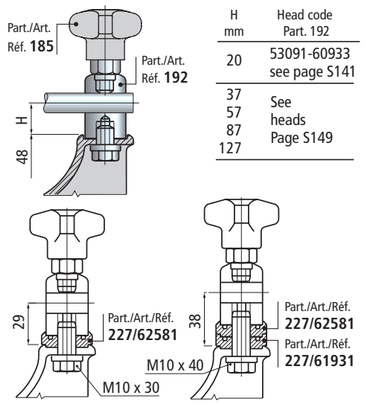
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

• **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.

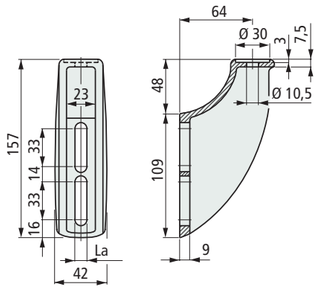
• **Assembly** with swivel head Part. 192



H mm	Head code Part. 192
20	53091-60933 see page S141
37 57 87 127	See heads Page S149

To use the spacer Part. 227, it is necessary a longer screw.

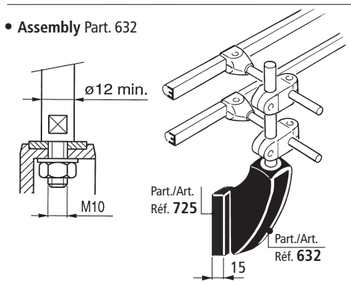
Adjustable bracket



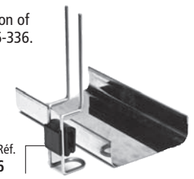
Part.	La mm	Code	Weight kg
632	9	**605263***	0,21
	10,5	**647142**	

* = *New product*
- Material : reinforced polyamide PA FV (black)
- Packaging : 50 pieces.
- Accessories : spacer Part. 725.

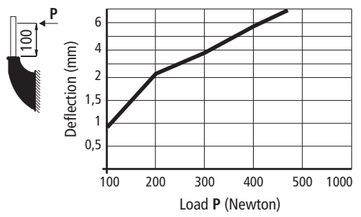
• **Assembly** Part. 632



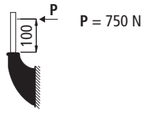
• Part. 632 permit application of drip tray support Part. 226-336.



• **Deflection** of Part. 632



• **Breaking load P**



P = 750 N

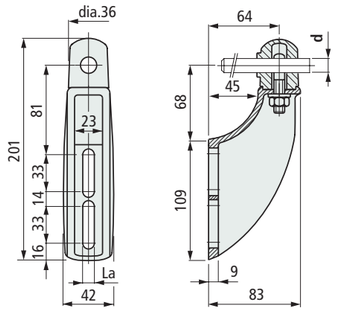
Part. 632

Replace part. 193

Part. 635

Replace part. 163

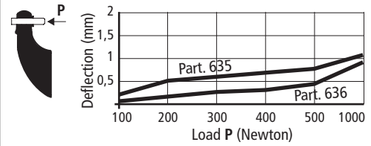
Adjustable bracket



Part.	Pin dia. d mm	Code La=9 mm	Code La=10,5 mm	Weight kg
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.

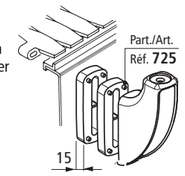
- **Deflection** of Part. 635 - 636



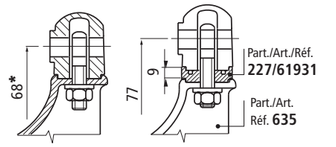
- **Technical data** Part. 635 - 636
  - Sliding load resistance :
    - Part. 635: 2000 N (with d = 12), 3000 N (with d = 14-16)
    - Part. 636: 2000 N (with d = 12), 2500 N (with d = 14-16)
  - Breaking load :
    - Part. 635: 4000 N
    - Part. 636: 3000 N

Tests performed at tightening torque : 4 Kgm

- Part. 635-636 permit application of 1 or more spacer Part. 725.

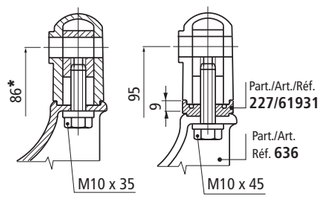


- Part. 635 permit application of spacer Part. 227. See page S141.



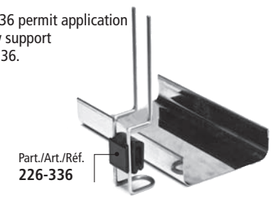
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

- Part. 636 permit application of spacer Part. 227. See page S141.



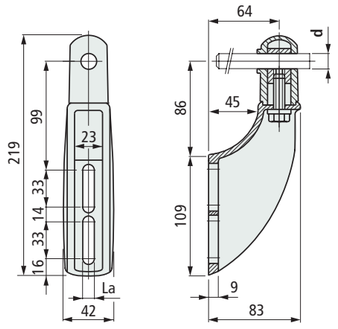
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931.
To use the spacer Part. 277 it is necessary a longer screw.

- Part. 635-636 permit application of drip tray support Part. 226-336.



Part. 636

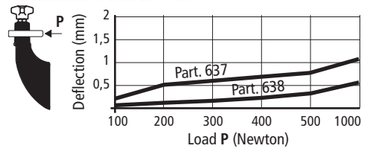
Adjustable bracket



Part.	Pin dia. d mm	Code La=9 mm	Code La=10,5 mm	Weight kg
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.

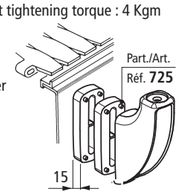
- **Deflection** of Part. 637 - 638



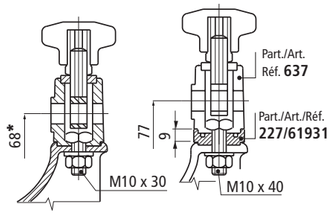
- **Technical data** Part. 637 - 638
  - Sliding load resistance :
    - Part. 637: 2000 N (with d = 12), 3000 N (with d = 14-16)
    - Part. 638: No sliding
  - Breaking load :
    - Part. 637: 4000 N
    - Part. 638: 3500 N

Tests performed at tightening torque : 4 Kgm

- Part. 637-638 permit application of 1 or more spacer Part. 725.

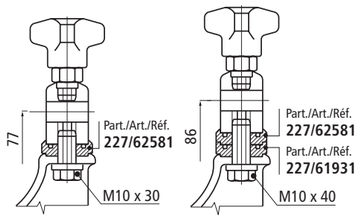


- Part. 637 permit application of spacer Part. 227. See page S141.



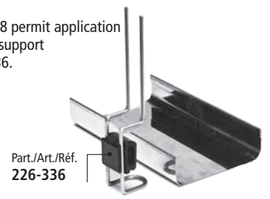
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931.
To use the spacer it is necessary a longer screw.

- Part. 638 permit application of spacer Part. 227. See page S141.

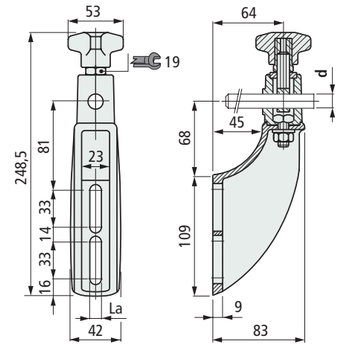


To use the spacer Part. 277 it is necessary a longer screw.

- Part. 637-638 permit application of drip tray support Part. 226-336.



Adjustable bracket



Part. 637

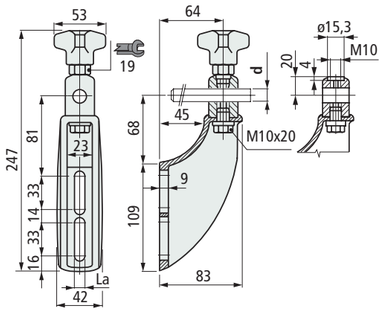
Replace part. 257

Part.	Pin dia. d mm	Code La=9 mm	Code La=10,5 mm	Weight kg
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.

Adjustable bracket

With knob / Without knob



Part.	Pin dia. d mm	Swivel head material	Code La=9 mm	Code La=10,5 mm	Weight kg
With knob					
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.

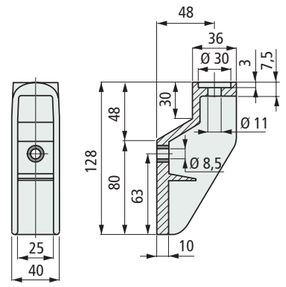
Part. 638

Replace part. 178

Stainless steel and brass swivel head

Part. 648

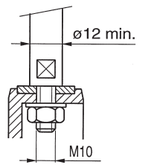
Adjustable bracket



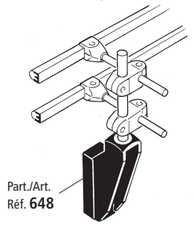
Part.	Material	Code	Weight kg
648	Reinforced polyamide PA FV (black)	**653112**	0,12

- Packaging : 50 pieces.

- **Pin dimensions** for Part. 648

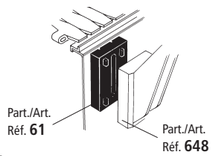


- **Assembly** of Part. 648

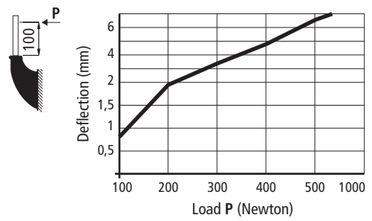


- **Accessories**

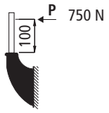
Spacer Part. 61,
see page S142.
Applicable to Part. 648



- **Deflection** of Part. 648

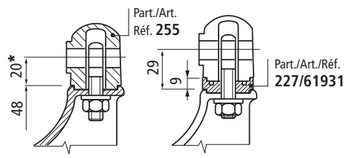


- **Technical data** Part. 648
  - Breaking load :



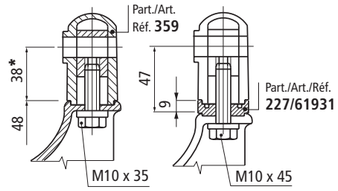
750 N

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



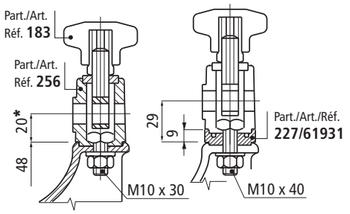
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

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



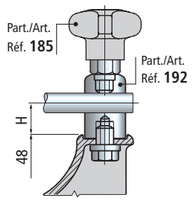
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931.
To use the spacer it is necessary a longer screw.

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

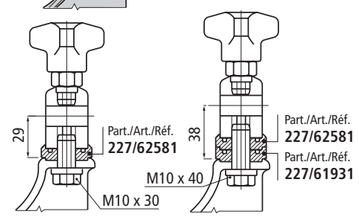


* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931.
To use the spacer it is necessary a longer screw.

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

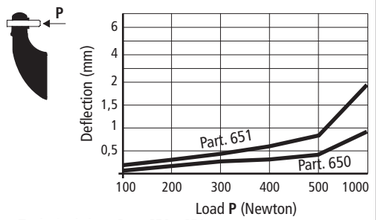


H mm	Head code Part. 192
20	53091-60933 see page S141
37 57 87 127	See heads page S149



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 :

Part. 650
2000 N (with d = 12)
3000 N (with d = 14-16)
Part. 651
1500 N (with d = 12-14-16)

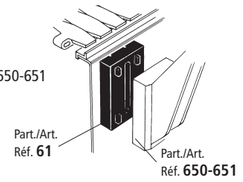
  - Breaking load :

Part. 650
4000 N
Part. 651
2000 N

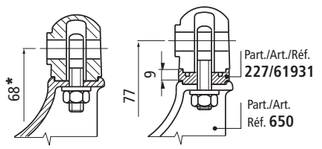
Tests performed at tightening torque : 4 Kgm

- **Accessories**

Spacer Part. 61,
see page S142.
Applicable to Part. 650-651

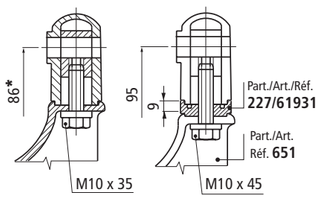


- Part. 650 permit application of spacer Part. 227. See page S141.



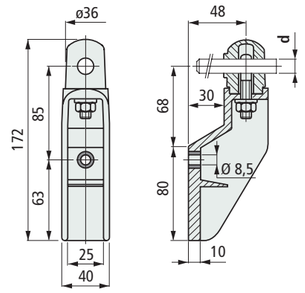
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

- 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

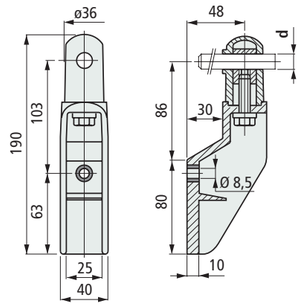


Part.	Material	Pin dia. d mm	Code	Weight kg
650	Reinforced polyamide PA FV (black)	**12** **14** **16**	**653802** **653812** **653822**	0,19

- 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



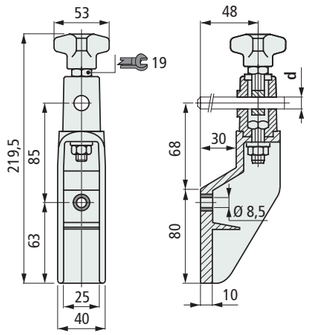
Part.	Material	Pin dia. d mm	Code	Weight kg
651	Reinforced polyamide PA FV (black)	**12** **14** **16**	**653832** **653842** **653852**	0,26

- 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

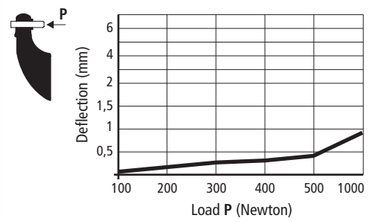
Adjustable bracket



Part.	Material	pin dia. d mm	Code	Weight kg
652	Reinforced polyamide PA FV (black)	12 14 16	653862 653872 653882	0,31

- 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)

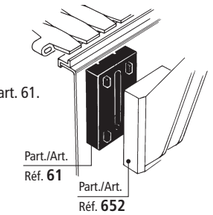
- Breaking load :

4000 N

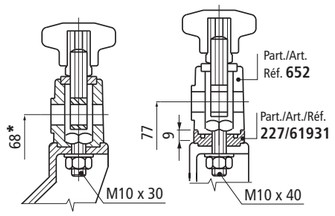
Tests performed at tightening torque : 4 Kgm

• **Accessories**

Part. 652
permit application
of 1 or more spacer Part. 61.



• Part. 652 permit application of spacer Part. 227.
See page S141.

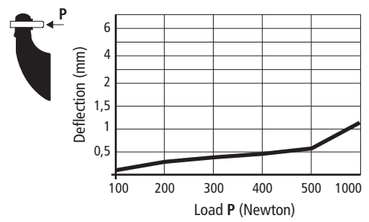


* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931.
To use the spacer it is necessary a longer screw.

Part. 653

Stainless steel and brass swivel head

• **Deflection** of Part. 652 - 653



• **Technical data** Part. 653

- Sliding load resistance :

3000 N
(with d = 14-16)

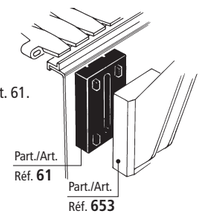
- Breaking load :

4000 N

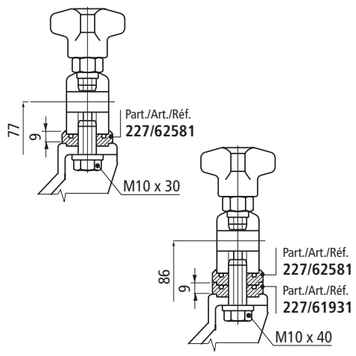
Tests performed at tightening torque : 4 Kgm

• **Accessories**

Part. 653
permit application
of 1 or more spacer Part. 61.



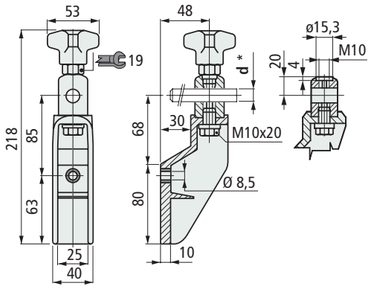
• Part. 653 permit application of spacer Part. 227.
See page S141.



To use the spacer Part. 277 it is necessary a longer screw.

Adjustable bracket

With knob **Without knob**

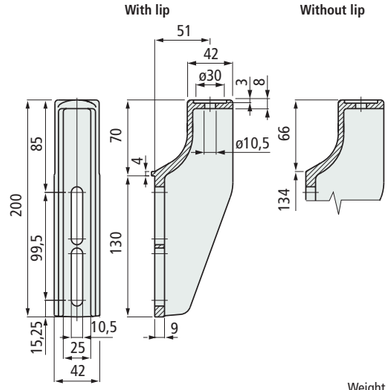


Part.	Pin dia. d * mm	Swivel head material	Code	Weight kg
• With knob				
653	14÷16	Stainless steel AISI 303 Nickel plated brass	653892 653902	0,41
• Without knob				
653	14÷16	Stainless steel AISI 303 Nickel plated brass	653912 653922	0,41

* = 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

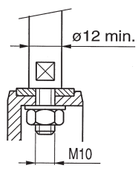
Adjustable bracket



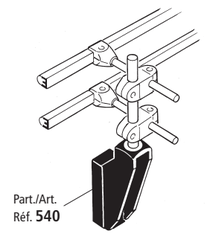
Part.	Version	Code	Weight kg
540	With lip	683551	0,15
	Without lip	683541	

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

• **Pin dimensions** for Part. 540

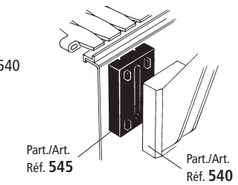


• **Assembly** of Part. 540

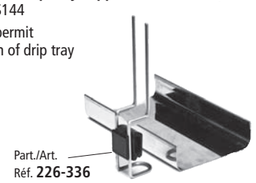


• **Accessories**

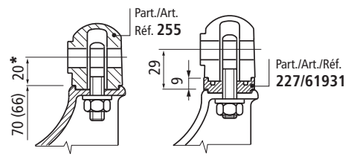
Spacer Part. 545,
see page S143.
Applicable to Part. 540



• **Assembly of drip tray support** Part. 226-336,
see page S144
Part. 540 permit
application of drip tray
support

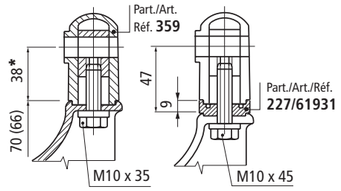


• **Assembly** with swivel head Part. 255



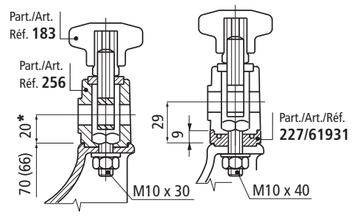
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

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



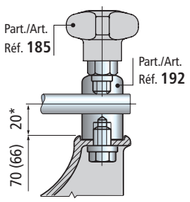
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931.
To use the spacer it is necessary a longer screw.

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

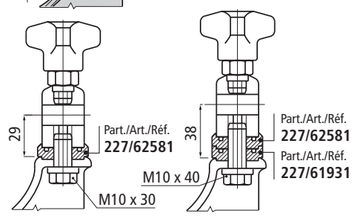


* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931.
To use the spacer it is necessary a longer screw.

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



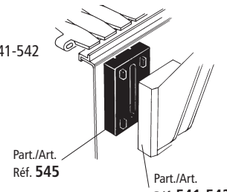
H mm	Head code Part. 192
20	53091-60933 see page S141
37 57 87 127	See heads page S149



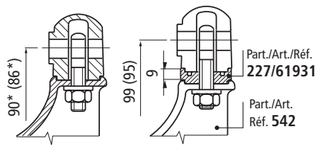
To use the spacer Part. 277 it is necessary a longer screw.

• **Accessories**

Spacer Part. 545,
see page S143.
Applicable to Part. 541-542

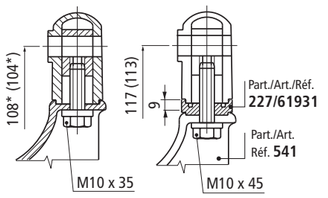


• Part. 542 permit application of spacer Part. 227.
See page S141.



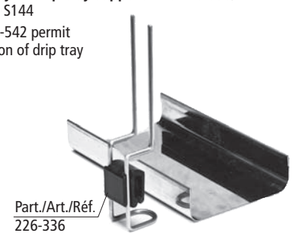
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

• Part. 541 permit application of spacer Part. 227.
See page S141.



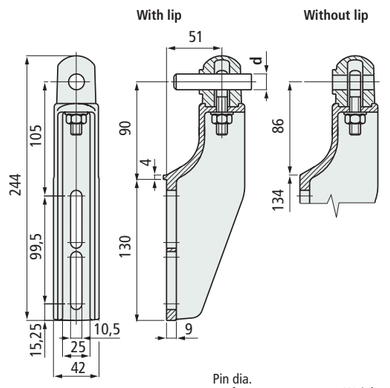
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931.
To use the spacer it is necessary a longer screw.

• **Assembly of drip tray support** Part. 226-336,
see page S144
Part. 541-542 permit
application of drip tray
support.



Part. 542

Adjustable bracket

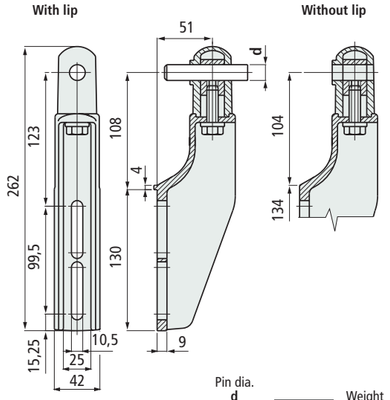


Part.	Version	Pin dia. d mm	Code	Weight kg
542	With lip	12	683611	0,15
		14	683621	
		16	683631	
	Without lip	12	683581	
		14	683591	
		16	683601	

- 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. 541

Adjustable bracket



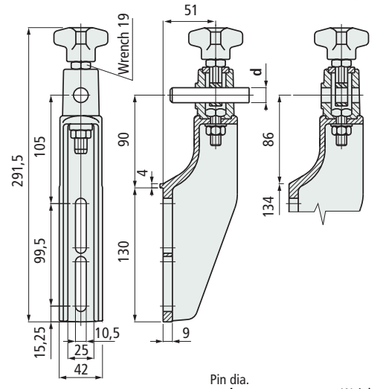
Part.	Version	Pin dia. d mm	Code	Weight kg
541	With lip	12	689031	0,15
		14	689051	
		16	683571	
	Without lip	12	689021	
		14	689041	
		16	683561	

- 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. 544

Adjustable bracket

With lip



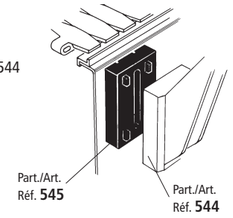
Without lip

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	

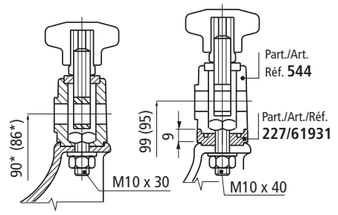
- Material : bracket, swivel head and knob in reinforced polyamide (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, eyebolt and tightening nuts/bolt in stainless steel AISI 304.
- Operation : by untightening the bolt, the position of the top can be adjusted. By untightening the knob, 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.

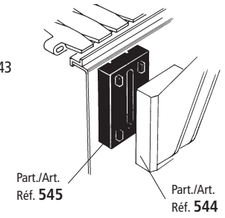
• **Assembly of drip tray support** Part. 226-336,
see page S144
Part. 544 permit application of drip tray support

Part. 543

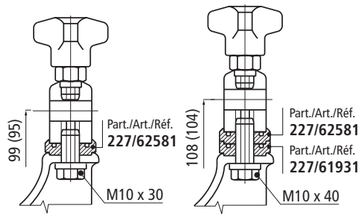
Stainless steel and brass swivel head

• **Accessories**

Spacer Part. 545,
see page S143.
Applicable to Part. 543

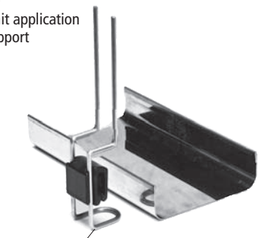


• Part. 543 permit application of spacer Part. 227.
See page S141.



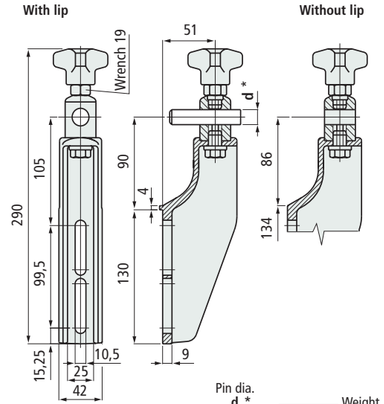
To use the spacer Part. 277 it is necessary a longer screw.

• **Assembly of drip tray support** Part. 226-336,
see page S144
Part. 543 permit application of drip tray support



Adjustable bracket

With lip



Without lip

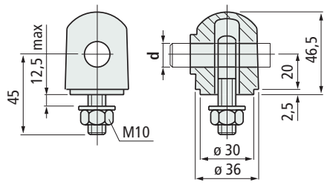
Part.	Swivel head material	Pin dia. d * mm	Code	Weight kg
• With lip				
543	Stainless steel AISI 303 Nickel plated brass	14÷16	683671 683691	0,15
• Without lip				
543	Stainless steel AISI 303 Nickel plated brass	14÷16	683641 683661	0,15

* = The bracket can be used with dia. 14 and dia. 16 mm pins.
- Material : bracket and knob in reinforced polyamide PA FV (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, tightening nuts/bolt in stainless steel AISI 304.
- Operation : by untightening the bolt, the position of the top can be adjusted. By untightening the knob, the position of the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

Accessories

Part. 255

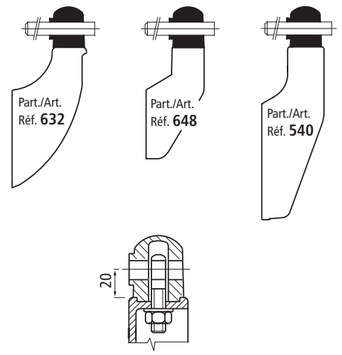
Swivel head



Part.	Material	Pin dia. d mm	Code	Weight kg
255	Reinforced polyamide PA FV (black)	12	69670	0,08
		14	69680	
		16	59041	

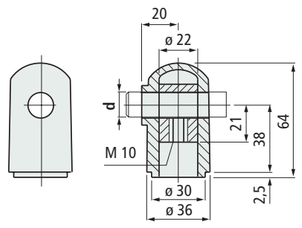
- Material : tightening nut and eyebolt in stainless steel AISI 304.
- Packaging : 50 pieces.

• **Assembly** of Part. 255
Applicable to brackets Part. 632-648-540



Part. 359

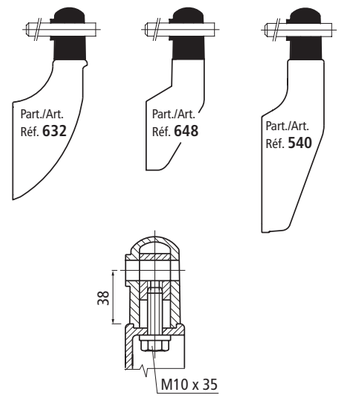
Swivel head



Part.	Material	Pin dia. d mm	Code	Weight kg
359	Reinforced polyamide PA FV (black)	12	684501	0,10
		14	684511	
		16	64235	

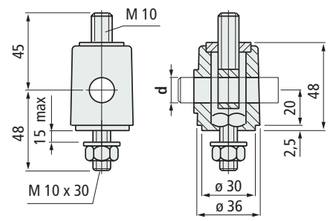
- Material : eyebolt in nickel plated brass.
- Packaging : 50 pieces.

• **Assembly** of Part. 359
Applicable to brackets Part. 632-648-540



Part. 256

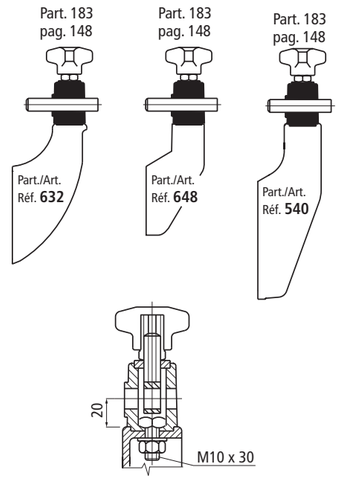
Swivel head



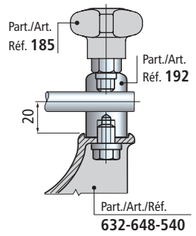
Part.	Material	Pin dia. d mm	Code	Weight kg
256	Reinforced polyamide PA FV (black)	12	64561	0,12
		14	64571	
		16	64581	

- Material : tightening nut and eyebolt in stainless steel AISI 304.
- Packaging : 50 pieces.

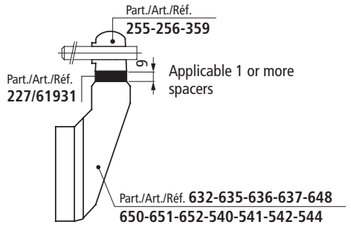
• **Assembly** of Part. 256
Applicable to brackets Part. 632-648-540
(in combination with knob Part. 183).



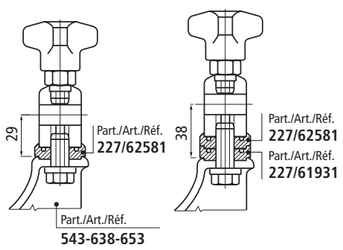
• **Assembly** of Part. 192
Applicable to brackets Part. 632-648-540
(in combination with knob Part. 185).



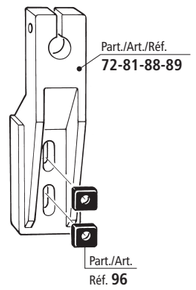
• **Assembly** of Part. 227 code 61931
- Applicable to adjustable brackets.



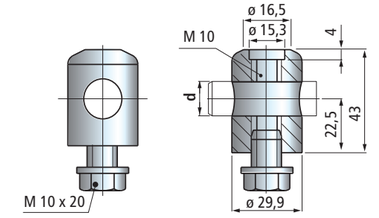
• **Assembly** of Part. 227 code 62581
- Applicable only to adjustablebrackts Part. 543-638-653 (version with metal head).



• **Assembly** of Part. 96
Applicable to Part. 72-81-88-89 distributes force from tightening over larger area.



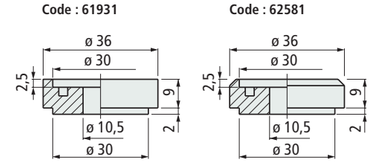
Swivel head



Part.	Pin dia. d mm	Material	Code	Weight kg
192	12 (1/2")	Stainless steel AISI 304	608683•	0,19
	14÷16 *	Stainless steel AISI 304	53091	
		Nickel plated brass	60933	

• = *New Product*
* = the bearing head can be used with dia. 14 and dia. 16 mm ping.
- Material : tightening bolt in stainless steel AISI 304.
- Packaging : 50 pieces.

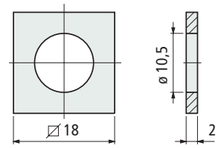
Spacer



Part.	Use	Code	Weight kg
227	Applicable to any ad adjustable brackts	61931	0,01
	Applicable only to adjustable brackts Part. 543-638-653 (version with metal head).	62581	

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

Square washer



Part.	Code
96	51550

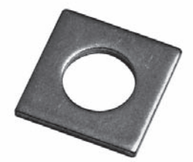
- Material : stainless steel AISI 304.
- Packaging : 200 pieces.

Part. 192

In stainless steel and brass

Part. 227

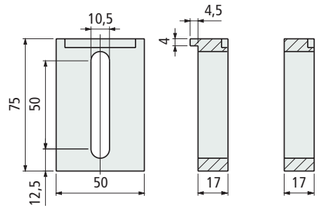
Part. 96



Part. 61

Spacer

With lip



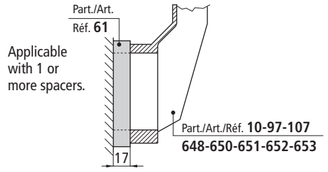
Without lip

Part.	Version	Code	Weight kg
61	With lip	66194N	0,04
	Without lip	50870N	

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

• Assembly of Part. 61

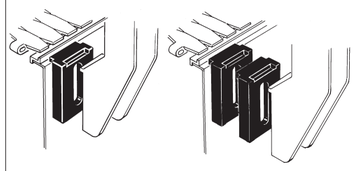
Applicable to Part. 10-97-107-648-650-651-652-653.



Advantages of version with lip :

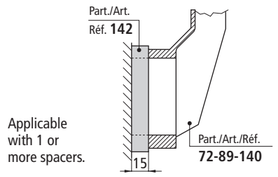
Possibility of resting on side of conveyor frame.

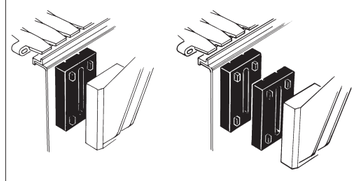
Possibility of assembling several spacers, all centred.



• Assembly of Part. 142

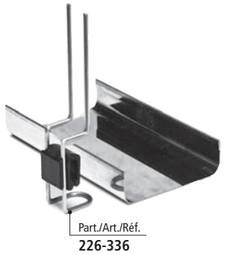
Applicable to Part. 72-89-140.





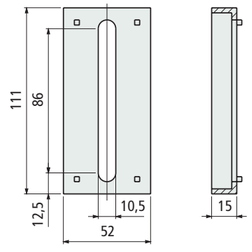
• Assembly of drip tray support

Part. 226-336, see pag. S144
Part. 61-142 permit application of drip tray support



Part. 142

Spacer

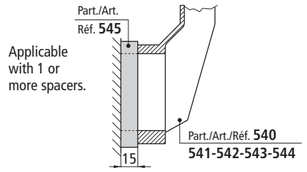


Part.	Code	Weight kg
142	65870	0,06

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

• Assembly of Part. 545

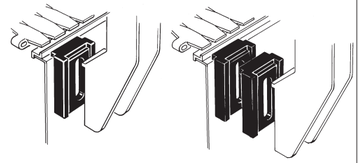
Applicable to Part. 540-541-542-543-544.



Advantages of version with lip :

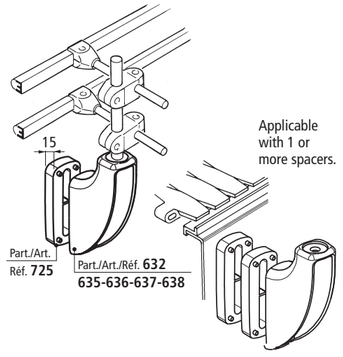
Possibility of resting on side of conveyor frame.

Possibility of assembling several spacers, all centred.



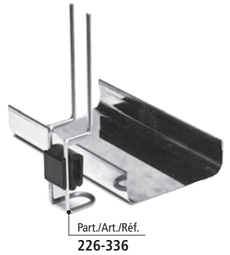
• Assembly of Part. 725

Applicable to Part. 632-635-636-637-638.



• Assembly of drip tray support

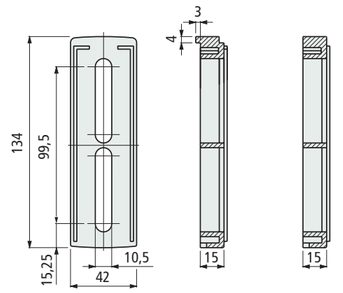
Part. 226-336, see pag. S144
Part. 725 permit application of drip tray support



Part. 545

Spacer

With lip



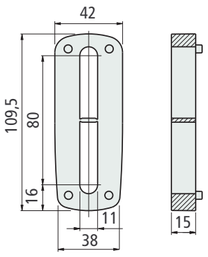
Without lip

Part.	Version	Code	Weight kg
545	With lip	683771	0,04
	Without lip	683761	

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

Part. 725

Spacer



Part.	Code	Weight Kg
725	688762	0,05

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

New Product

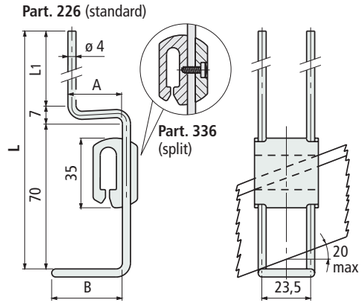
Accessories

Part. 226-336

Bent rod

Drip tray support

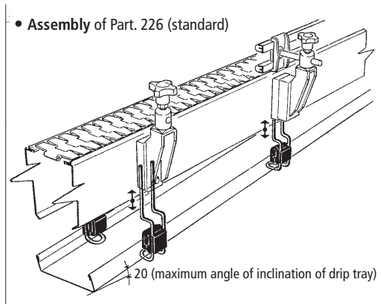
Part. 226 (standard)



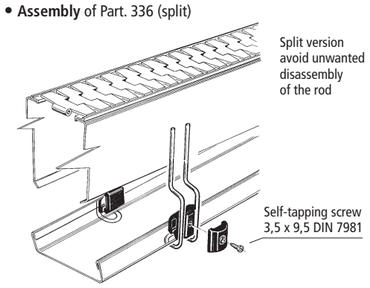
Height L mm	L1 mm	A mm	B mm	Code Part. 226 Standard	Code Part. 336 Split	Weight kg
180	103	14	35	67305N	697761N	0,06
		17	35	66772N	66823N	
		27	35	62071N	60574N*	
		27	50	67319N	697771N	
		57	50	641461N*	697781N*	
200	123	38	35	64681N*	697791N*	
230	153	27	35	64631N	697801N	
310	233	18	35	647551N	68299N	

- Material : body in reinforced polypropylene PP FV (black), support element in stainless steel AISI 304, self-tapping screw (only for Part. 336) in stainless steel.
- Packaging : 100 pieces.

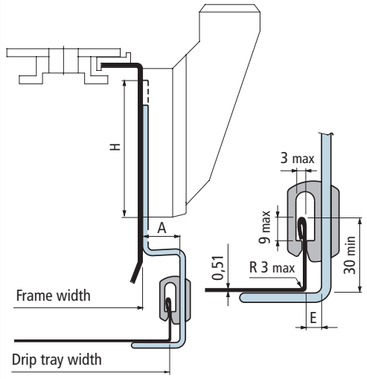
• **Assembly** of Part. 226 (standard)



• **Assembly** of Part. 336 (split)



• **Drip tray design**



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)

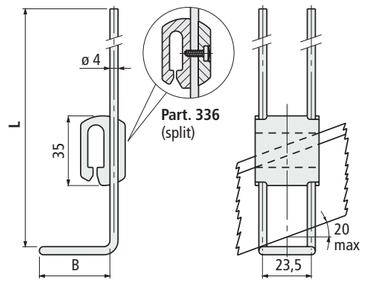
Bracket Part.	Rod slot length H mm
81-88	70
72-89	102,5
85	53
10-97	71
107	72
599	104
140	106
617	95
632-635-636-637-638	103,5
540-541-542-543-544	123

Part. 226-336

Straight rod

Drip tray support

Part. 226 (standard)



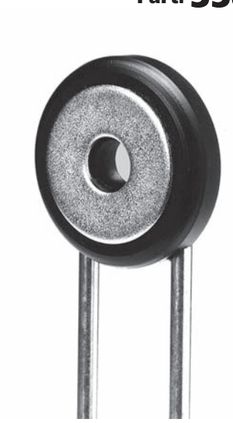
Height L mm	B mm	Code Part. 226 Standard	Code Part. 336 Split	Weight kg
200	35	61767	697811	0,06

- Material : body in reinforced polypropylene PP FV (black), support element in stainless steel AISI 304, self-tapping screw (only for Part. 336) in stainless steel.
- Packaging : 100 pieces.

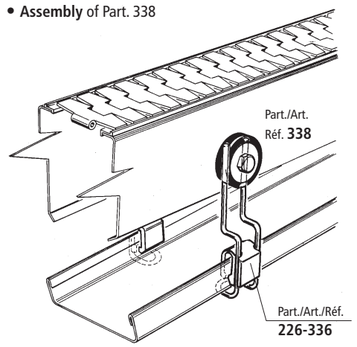
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Accessories

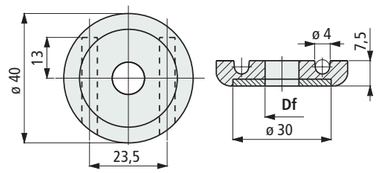
Part. 338



• **Assembly** of Part. 338



Mounting plate



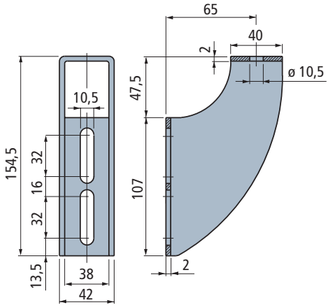
Part.	bore dia. Df mm	Code	Weight kg
338	9	67563	0,20
	10,5	67325	

- Material : plate in reinforced polyamide (black), washer in stainless steel AISI 304.
- Packaging : 100 pieces.

Part. 678

New Product

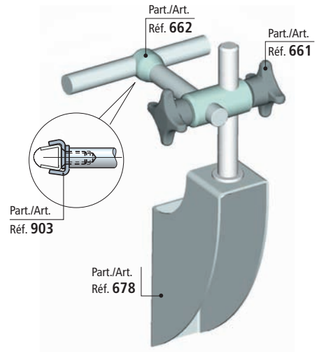
■ **Adjustable bracket**



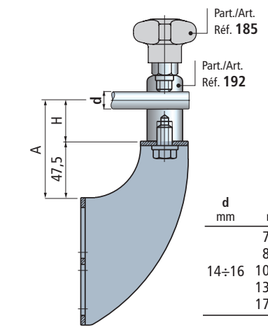
Part.	Code	Weight kg
678	**684292**	0,32

- Material : stainless steel AISI 304.
- Packaging : 6 pieces.

• **Assembly** of Part. 678



• **Accessories** for Part. 678

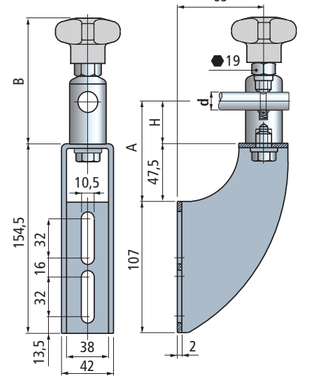


d mm	A mm	H mm
14÷16	70	22,5
	87,5	40
	107,5	60
	137,5	90
	177,5	130

Part. 679

New Product

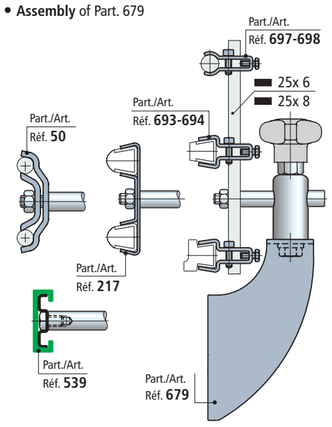
■ **Adjustable bracket**



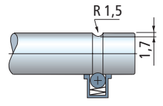
Part.	Pin dia. d mm	A mm	H mm	Code	B mm	Weight kg
Without positioner						
679	14÷16	70	22,5	**684302**	89	0,60
		87,5	40	**684312**	106,5	0,70
		107,5	60	**684322**	126,5	0,81
		137,5	90	**684332**	156,5	0,97
		177,5	130	**684342**	196,5	1,20
With positioner						
679	16 *	87,5	40	**685072**	106,5	0,70
		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. 679

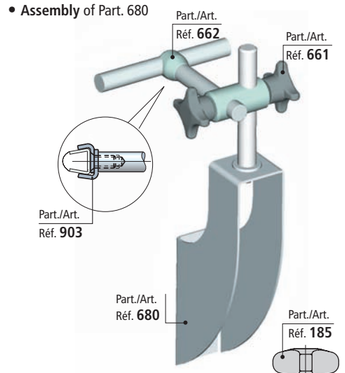


• **Pin dimension** for positioner

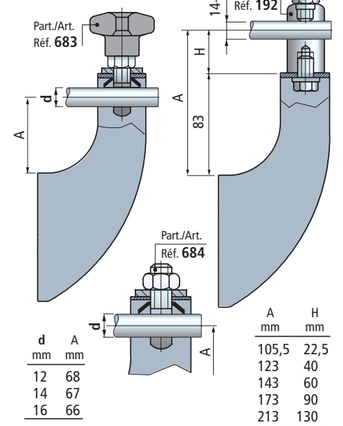


Part. 680

• **Assembly** of Part. 680



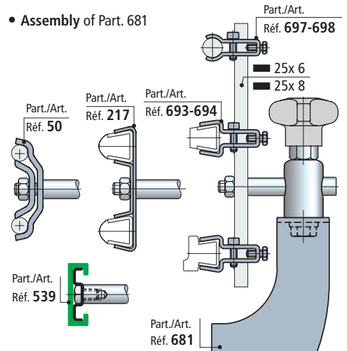
• **Accessories** for Part. 680



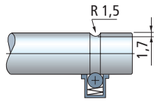
d mm	A mm
12	68
14	67
16	66

A mm	H mm
105,5	22,5
123	40
143	60
173	90
213	130

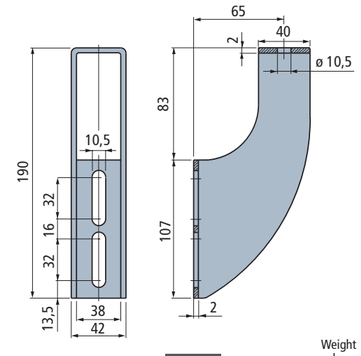
• **Assembly** of Part. 681



• **Pin dimension** for positioner



■ **Adjustable bracket**



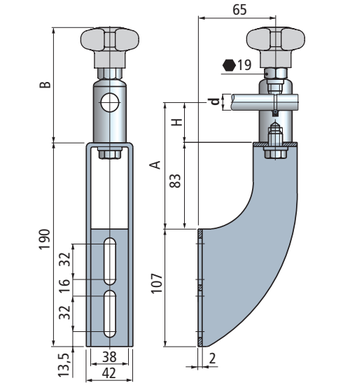
Part.	Code	Weight kg
680	**684352**	0,36

- 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						
681	14÷16	105,5	22,5	**684402**	89	0,64
		123	40	**685112**	106,5	0,74
		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.

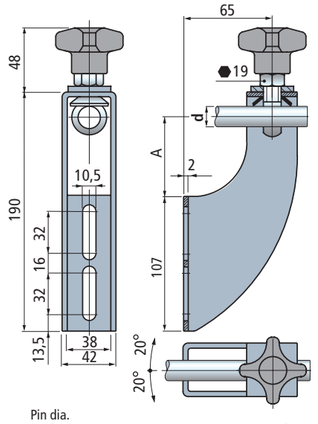
Part. 681

New Product

Part. 682

New Product

Adjustable brackets



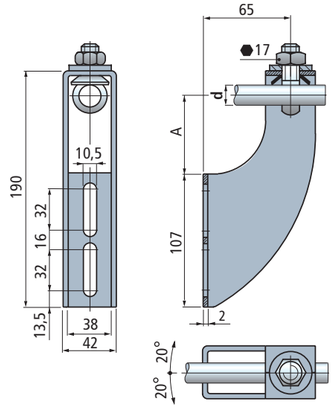
Part.	Pin dia. d mm	A mm	Code	Weight kg
	12	68	**684412**	
682	14	67	**684422**	0,46
	16	66	**684432**	

- 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

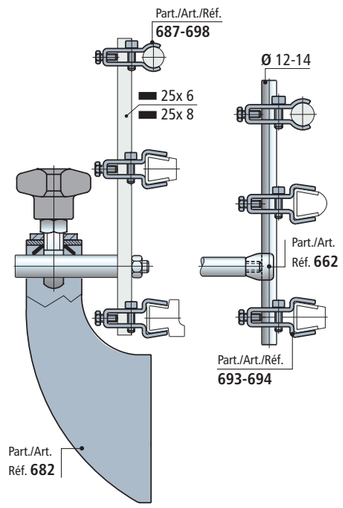
Adjustable brackets

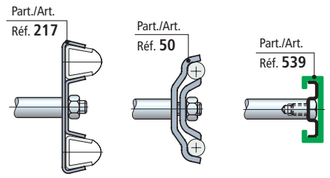


Part.	Pin dia. d mm	A mm	Code	Weight kg
	12	68	**684262**	
677	14	67	**684272**	0,42
	16	66	**684282**	

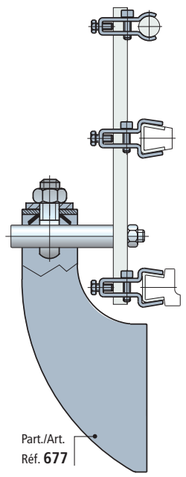
- Material : bracket, tightening nut, washer and eyebolt in stainless steel AISI 304.
- Packaging : 6 pieces.

• **Use** of Part. 682

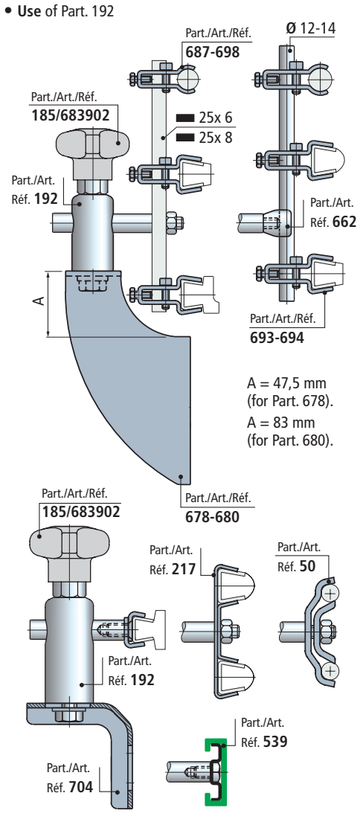




• **Use** of Part. 677



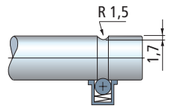
• **Use** of Part. 192



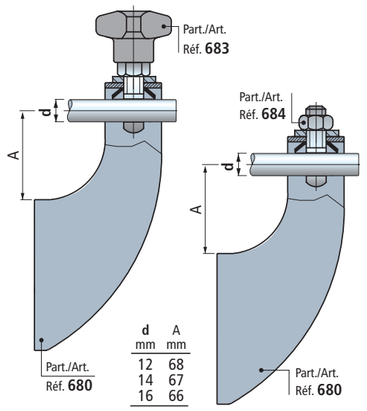
A = 47,5 mm (for Part. 678).
A = 83 mm (for Part. 680).

Part./Art./Réf. 678-680

• **Pin dimension** for positioner

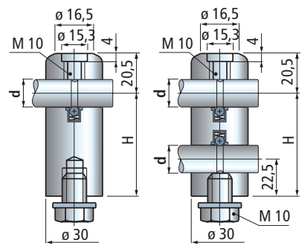


• **Use** of Part. 683-684
In combination with brackets Part. 680.



d mm	A mm
12	68
14	67
16	66

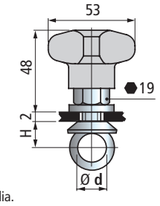
Swivel heads



Part.	Pin dia. d mm	H mm	Code Without positioner	Code With positioner	Weight kg
With single bore					
		22,5	**685842**	–	0,19
		40	**674012**	**673962**	0,29
192	14÷16*	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.

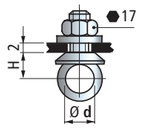
Eyebolt (with knob)



Part.	Pin dia. d mm	Code	H mm	Weight kg
	12	**684442**	13	
683	14	**684452**	14	0,10
	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
	12	**684472**	13	
684	14	**684482**	14	0,06
	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

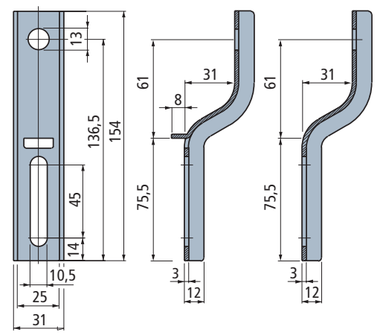
Part. 684

New Product

Part. 705

New Product

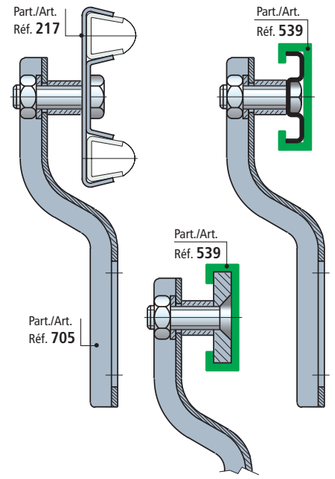
■ **Bracket**



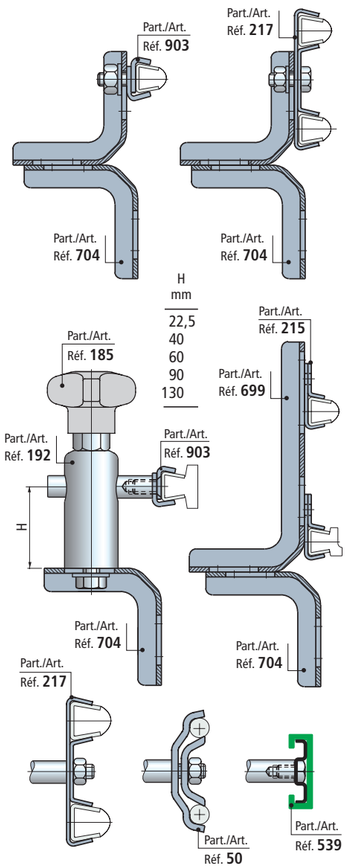
Part.	Version	Code	Weight kg
705	With lip	684902	0,17
	Without lip	684912	

- Material : stainless steel AISI 304.
- Packaging : 16 pieces.

• **Use** of Part. 705



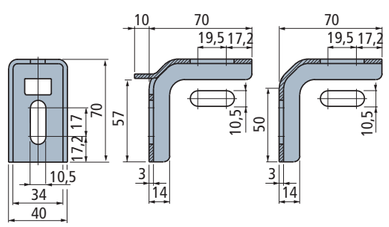
• **Use** of Part. 704



Part. 704

New Product

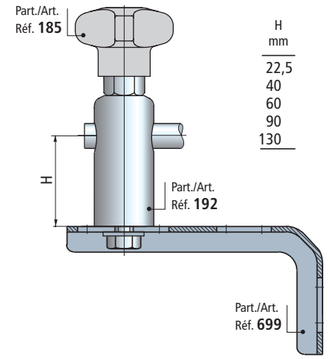
■ **Bracket**

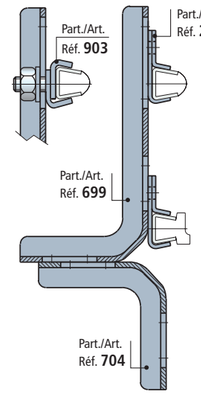


Part.	Version	Code	Weight kg
704	With lip	684882	0,15
	Without lip	684892	

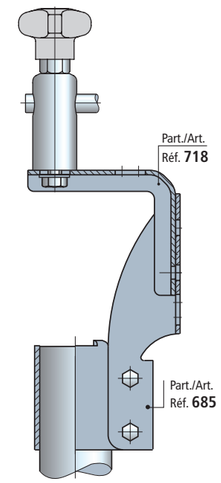
- Material : stainless steel AISI 304.
- Packaging : 16 pieces.

• **Use** of Part. 699

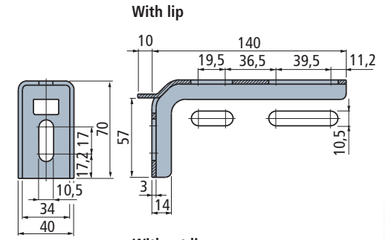




• **Use** of Part. 718



■ **Bracket**



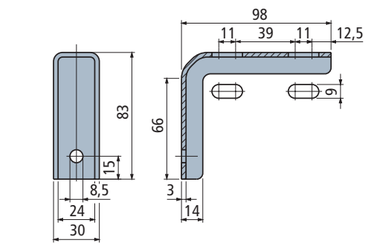
Part.	Version	Code	Weight kg
699	With lip	684862	0,23
	Without lip	684872	

- 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

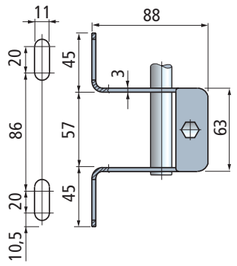
Part. 692

New Product

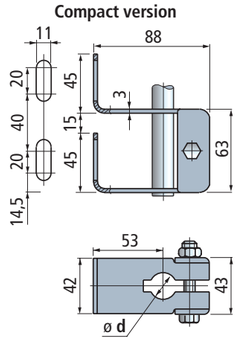
New Product

Side bracket

Standard version



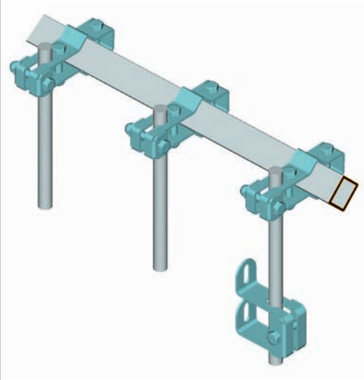
Compact version

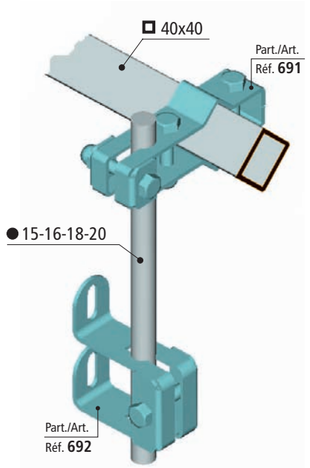


Part.	Pin dia. d mm	Code Standard version	Code Compact version	Weight kg
692	15	686272	684622	0,33
	16	686282	684632	
	18	686292	684642	
	20	686302	684652	

- Material : bracket and bolt in stainless steel AISI 304.
- Packaging : 8 pieces.

• **Use** of Part. 692

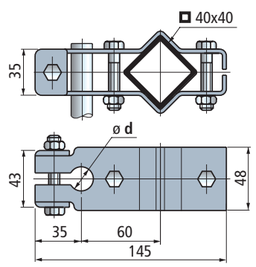




Part. 691

New Product

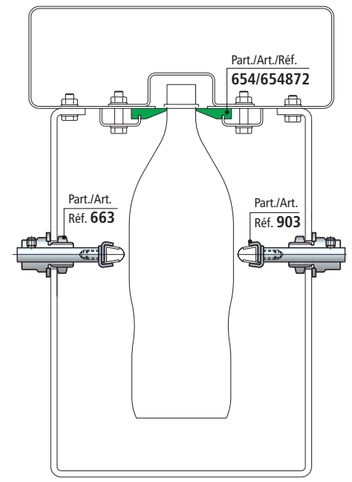
Cross clamp



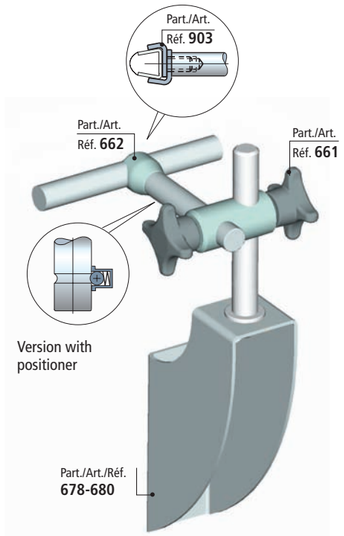
Part.	Square tube mm	Pin dia. d mm	Code	Weight kg
691	40x40	15	684582	0,52
		16	684592	
		18	684602	
		20	684612	

- Material : clamp and bolt in stainless steel AISI 304.
- Packaging : 8 pieces.

• **Use** of Part. 663

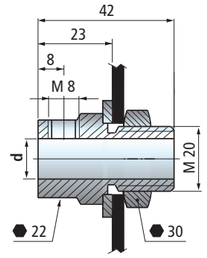


• **Use** of Part. 661



Locking clamp for round steel rod

Part. 663



New Product

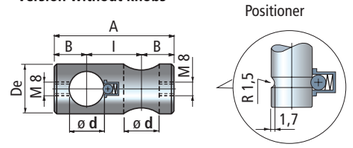
Part.	Pin dia. d mm	Code	Weight kg
663	12	669572	0,13

- Material : clamp in stainless steel AISI 303. Nut and washer in stainless steel AISI 304.
- Packaging : 50 pieces.

Cross clamp

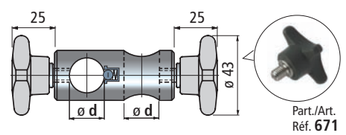
Part. 661

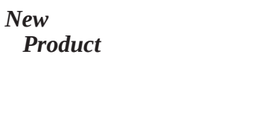
Version without knobs



New Product

Version with knobs





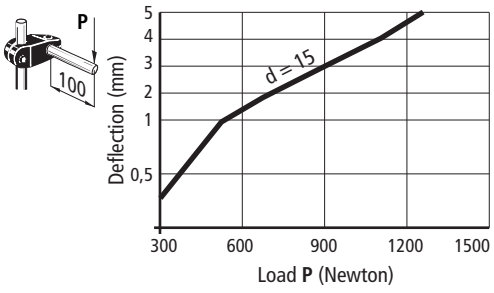
New Product

Part.	Pin dia. d mm	Code Without positioner	Code With positioner	l mm	A mm	B mm	Dia. De mm	Weight Kg
Version without knobs								
661	10	669112	–	14	36	11	18	0,05
	12	669122	669172	16	40	12	20	0,06
	(1/2")	686022	–	16	40	12	20	0,06
	14	669132	669182	18	44	13	20	0,06
	16	669142	–	20	48	14	24	0,10
	18	669152	–	22	52	15	26	0,11
	20	669162	–	24	56	16	28	0,13
Version with knobs								
661	10	675712	–	14	36	11	18	0,09
	12	675722	675772	16	40	12	20	0,10
	(1/2")	683802	–	16	40	12	20	0,10
	14	675732	675782	18	44	13	20	0,10
	16	675742	–	20	48	14	24	0,14
	18	675752	–	22	52	15	26	0,15
	20	675762	–	24	56	16	28	0,17

- 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.

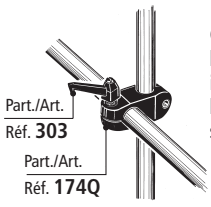
- **Deflection** of Part. 174Q



- **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

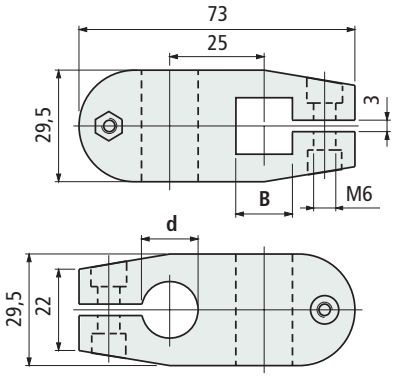


Can be applied with the ratchet handle Part. 303 (code 60922), instead of the standard hardware,
see page S189.

- **Use** of Part. 732

Cross clamp

Part. 174Q

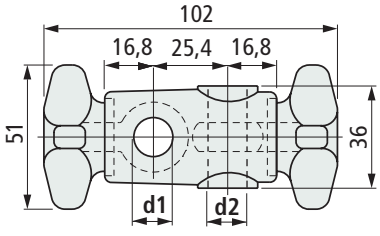


Part.	Square rod B mm	Rod dia. d mm	Code	Weight kg
174 Q	12	**14**	**59351**	0,07
		15	**59361***	
		16	**59371**	
		18	**59381**	

- 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.

Cross clamp

Part. 732



New Product

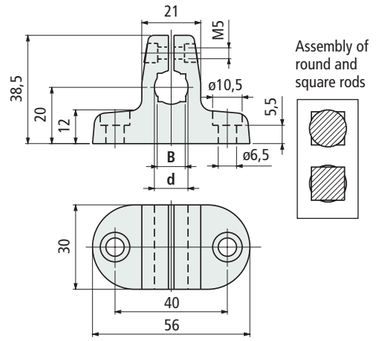
Part.	Pin dia. d1 mm	Pin dia. d1 inch	Pin dia. d2 mm	Pin dia. d2 inch	Code	Weight kg
	12	1/2"	12	1/2"	**692352**	
732	12	1/2"	16	5/8"	**692362**	0,13
	16	5/8"	16	5/8"	**692372**	

- Material : clamp and knobs in reinforced polyamide PA FV (black). Eyebolts in stainless steel AISI 304.
- Max recommended tightening torque: 4 Kgm.
- Packaging : 50 pieces.

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

Part. 339

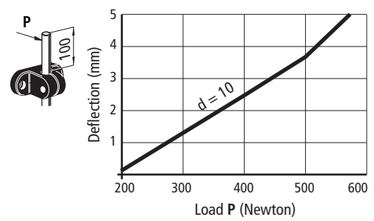
T-clamp



Part.	Tightening bolt material	Rod dia. **d** mm	Square rod **B** mm	Code	Weight kg
339	Stainless steel AISI 304	**10**	**8**	**68363**	0,03
		12	**10**	**68375**	
		14	**12**	**67365**	
	Zinc plated steel	**10**	**8**	**626001**	
		12	**10**	**627011**	
		14	**12**	**627021**	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

• **Deflection** of Part. 339

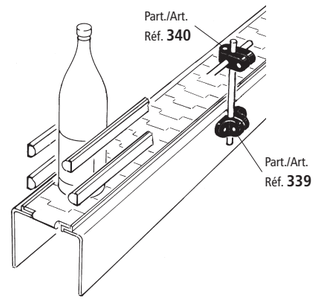


• **Technical data** Part. 339
- sliding load : 650 N
- rotation load : 5 N/m

Tests performed at tightening torque : 0,5 Kgm

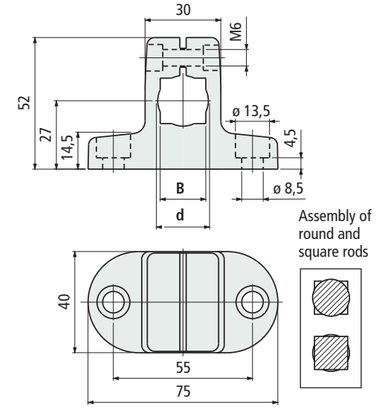
• **Assembly** of Part. 339

Can be used in combination with Part. 340



Part. 595

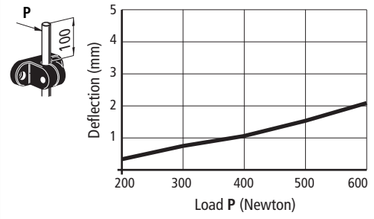
T clamp



Part.	Tightening bolt material	Rod dia. **d** mm	Square rod **B** mm	Code	Weight kg
595	Stainless steel AISI 304	**16**	**14**	**610432**	0,07
		18	**16**	**610442**	
		20	**18**	**610452**	
	Zinc plated steel	**16**	**14**	**610462**	
		18	**16**	**610472**	
		20	**18**	**610482**	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 50 pieces.

• **Deflection** Part. 595

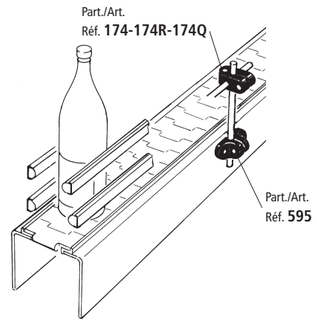


• **Technical data** Part. 595
- sliding load : 600 N (with d = 16)
  500 N (with d = 18-20)

Tests performed at tightening torque : 1,5 Kgm

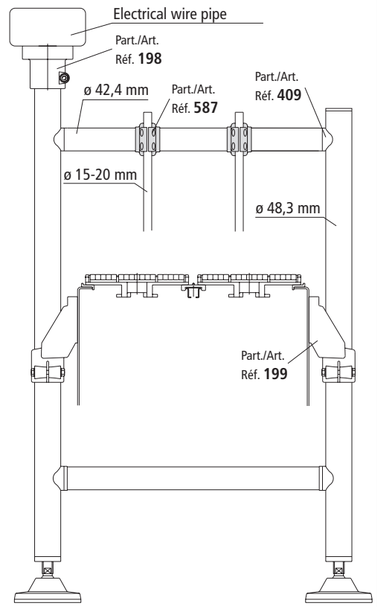
• **Assembly** of Part. 595

Can be used in combination with Part. 174-174 R-174 Q

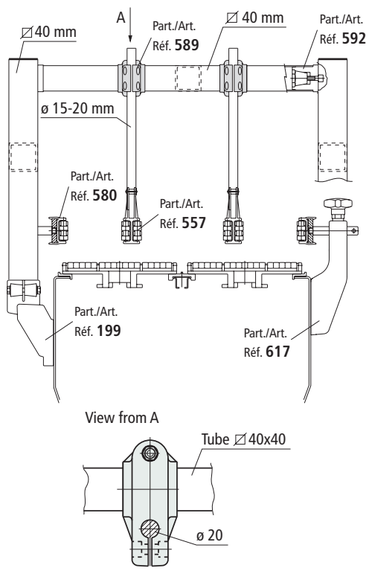


• **Characteristics** of Part. 587
The stiffness of Part.587 makes them suitable for wide multistrand conveyors.

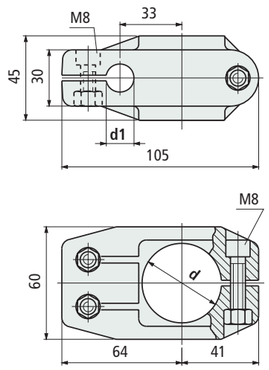
• **Use** of Part. 587 (for round tubes)



• **Use** of Part. 587 (for square tubes)



Cross clamp



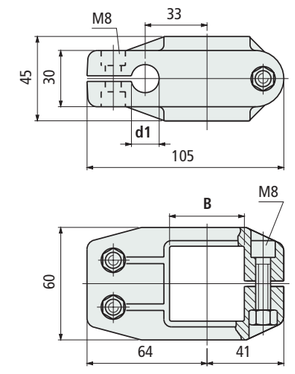
Part.	Tube dia. **d** mm	Rod dia. **d1** mm	Code	Weight kg
587	**42,4** (1" 1/4)	**15**	**646292N**	0,18
		20	**655382N**	

- 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.

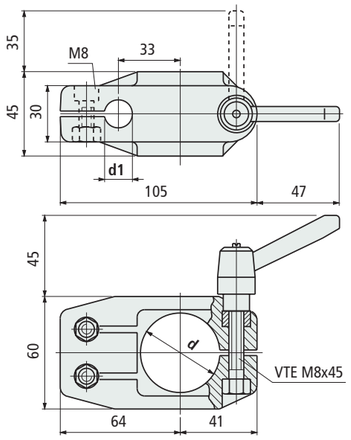
Part. 587

Square bore

Part. 633

Round bore

Cross clamp with ratchet handle clamping

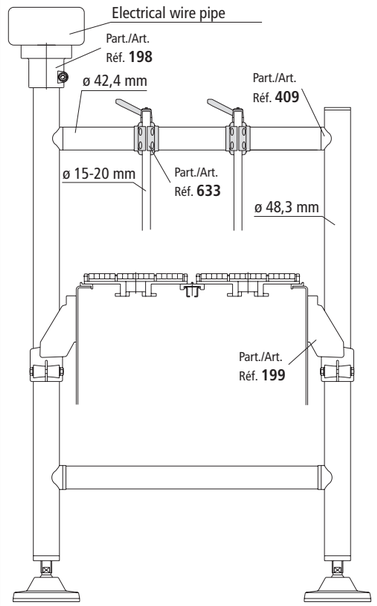


Part.	Tube dia. d mm	Rod dia. d1 mm	Code	Weight kg
633	**42,4** (1" 1/4)	**15** **20**	**647152** **655402**	0,23

- 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.

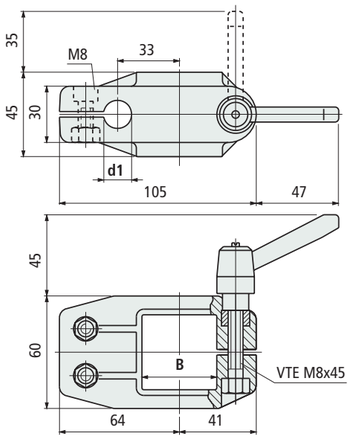
• **Use** of Part. 633 (for round tubes)



Part. 633

Square bore

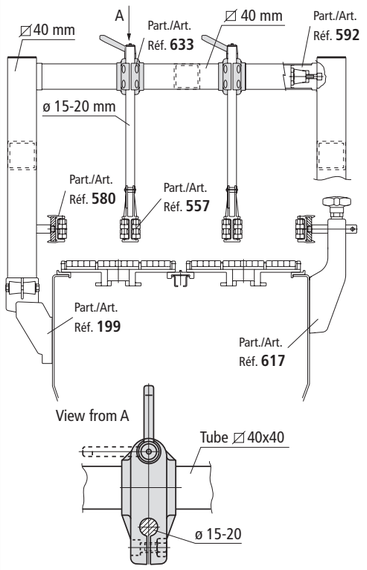
Cross clamp with ratchet handle clamping



Part.	Square tube B mm	Rod dia. d1 mm	Code	Weight kg
633	**40x40**	**15** **20**	**655412** **647162**	0,23

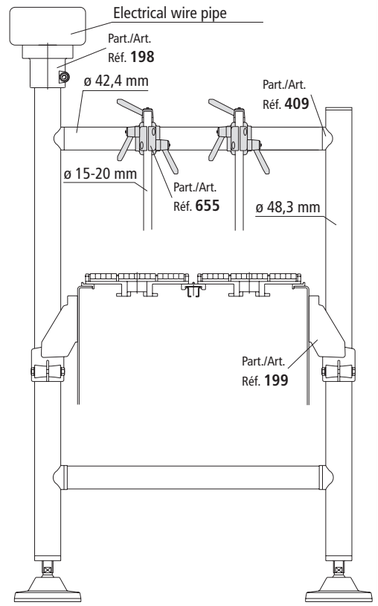
- Material clamp : body in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Material handle : body in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque: 1,5 Kgm (handle), 2 Kgm (screws).
- Packaging : 25 pieces.

• **Use** of Part. 633 (for square tubes)

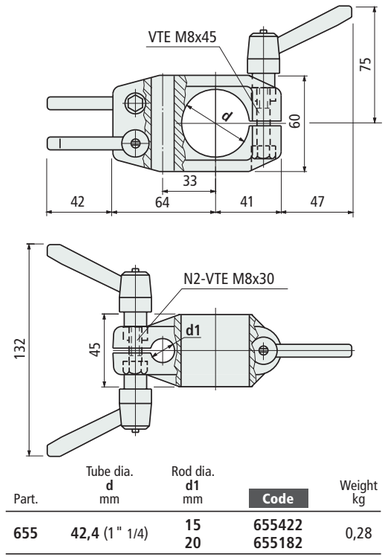


• **Characteristics** of Part. 655
Easy and quick adjustment of guides supported by bridge structure.

• **Use** of Part. 655 (for round tubes)



Cross clamp with ratchet handle clamping



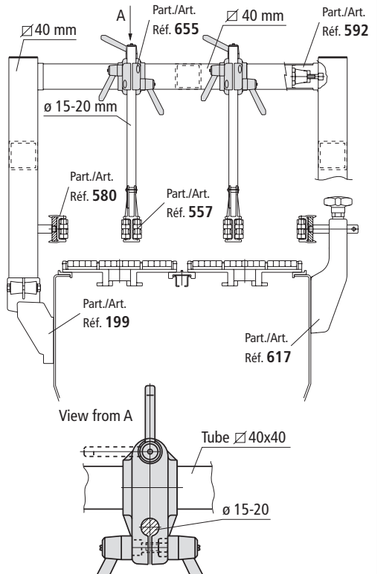
Part.	Tube dia. d mm	Rod dia. d1 mm	Code	Weight kg
655	**42,4** (1" 1/4)	**15** **20**	**655422** **655182**	0,28

- 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.

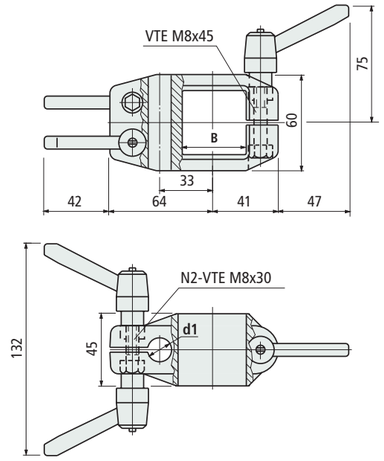
Part. 655

Round bore

• **Use** of Part. 655 (for quare tubes)



Cross clamp with ratchet handle clamping



Part.	Square tube B mm	Rod dia. d1 mm	Code	Weight kg
655	**40x40**	**15** **20**	**655432** **655442**	0,28

- 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.

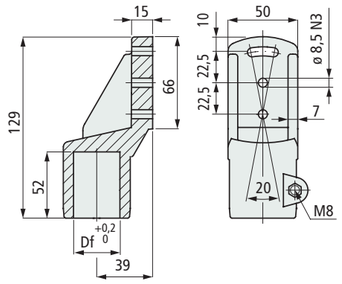
Part. 655

Square bore

Part. 416

For round tubes

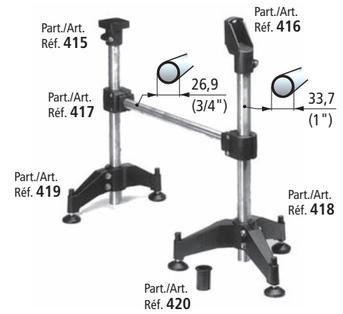
Side mounting top bracket



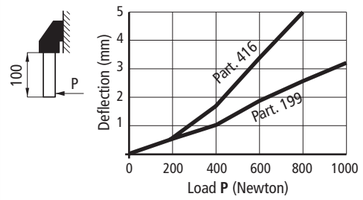
Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
416	**Ø 33,7** (1")	33,7	AISI 304	**69668***

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

• **Assembly** of Part. 416



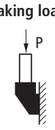
• **Deflection** of Part. 416 - 199



• **Sliding load**

Part. 416 (P = 3300 N)
Part. 199-Ø48,3 (P = 3600 N)
Part. 199- ⍁38 (P = 2600 N)
Part. 199- ⍁40 (P = 1900 N)

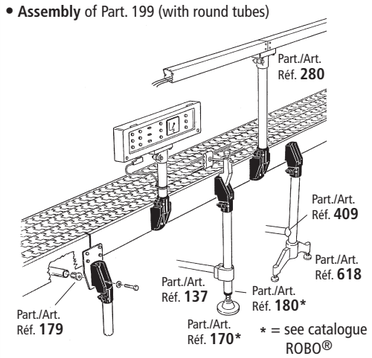
• **Breaking load**



Part. 416 (P = 21900 N)
Part. 199 (P = 35900 N)

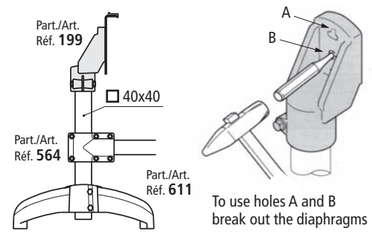
Tests performed at tightening torque : 2 Kgm

• **Assembly** of Part. 199 (with round tubes)



* = see catalogue ROBO®

• **Assembly** of Part. 199 (with square tubes)



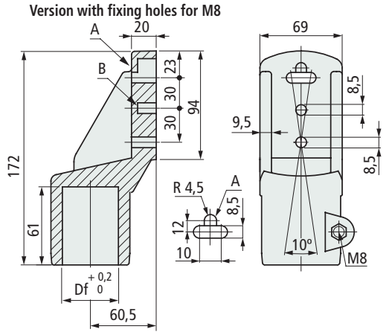
To use holes A and B break out the diaphragms

Part. 199

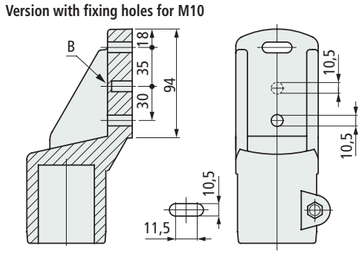
For round and square tubes

Side mounting top bracket

Version with fixing holes for M8



Version with fixing holes for M10



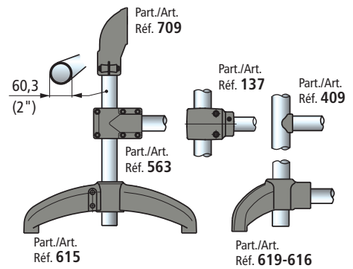
Part.	Tube dimensions mm	Bore Df mm	Bolts material	Code
Version with fixing holes for M8				
199	**Ø 48,3** (1"1/2)	Ø 48,3	AISI 304	**59171**
	Ø 50,8	Ø 50,8	AISI 304	**664771•**
	⍁38x38	⍁38	AISI 304	**611622**
			Zinc plated steel	**611712**
	⍁40x40	⍁40	AISI 304	**611632**
			Zinc plated steel	**611722**
Version with fixing holes for M10				
199	**Ø 48,3** (1"1/2)	Ø 48,3	AISI 304	**61683•**

• = *New product.*

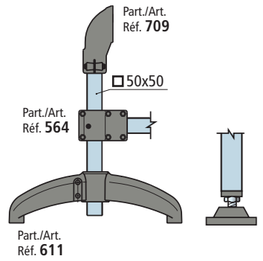
- Material : reinforced polyamide PA FV (black).
- Weight : 0,32 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 24 pieces.

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

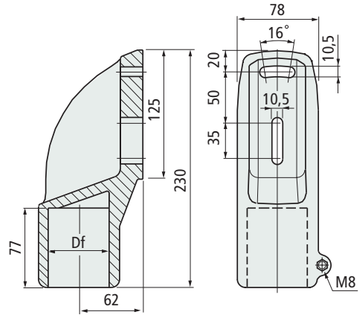
• **Assembly** of Part. 709 (with round tubes Ø 60,3 mm (2")).



• **Assembly** of Part. 709 (with square tubes 50x50 mm).



Side mounting top bracket



Part.	Tube dimensions mm	Bore Df mm	Code
709	**Ø 60,3** (2")	Ø 60,3	**685322**
	⍁50x50	⍁50	**685332**

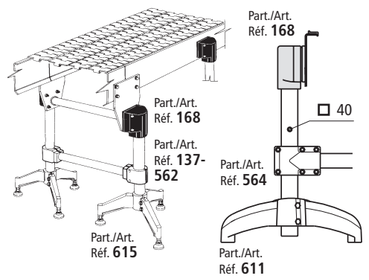
- Material : bracket in reinforced polyamide PA FV (black). Bolts in stainless steel AISI 304.
- Weight : 0,75 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 12 pieces.

Part. 709

For round and square tubes

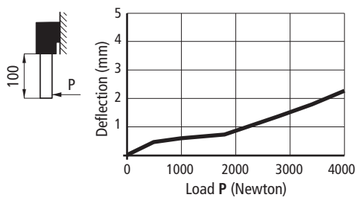
New Product

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



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

• **Deflection** of Part. 168



• **Sliding load**

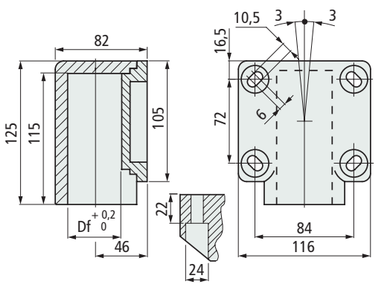
With tubes Ø48,3 (P = 1900 N)
With tubes ⍁40 (P = 3100 N)

• **Breaking load**

P = 22300 N

Tests performed at tightening torque : 2 Kgm

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.

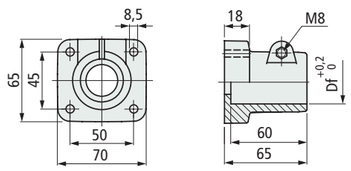
Part. 168

For round and square tubes

Part. 415

For round tubes

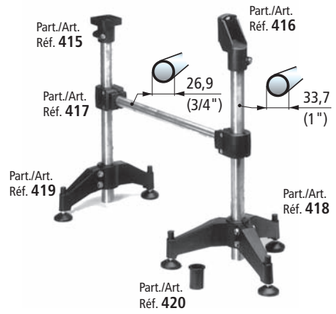
Bearing head



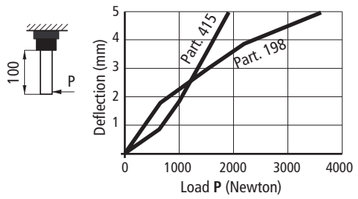
Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
415	**Ø 33,7** (1")	33,7	AISI 304	**69658**

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

• **Assembly** of Part. 415



• **Deflection** of Part. 415 - 198



• **Sliding load resistance**

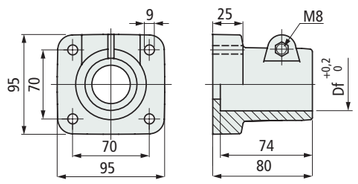
Part. 415 (P = 1500 N)
Part. 198-Ø48,3 (P = 1900 N)
Part. 198- ⍁38 (P = 4400 N)
Part. 198- ⍁40 (P = 2300 N)

Tests performed at tightening torque : 2 Kgm

Part. 198

For round and square tubes

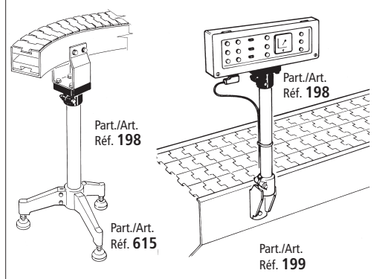
Bearing head



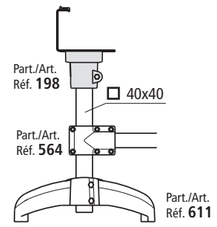
Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
198	**Ø 48,3** (1"1/2)	Ø 48,3	AISI 304	**59161**
	Ø 50,8	Ø 50,8	AISI 304	**664761**•
	⍁ **38x38**	⍁ 38	AISI 304 Zinc plated steel	**611602** **611682**
	⍁ **40x40**	⍁ 40	AISI 304 Zinc plated steel	**611612** **611692**

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

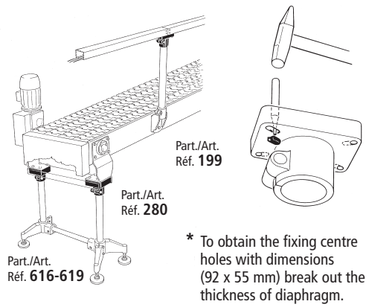
• **Assembly** of Part. 198 (with round tubes)



• **Assembly** of Part. 198 (with square tubes)

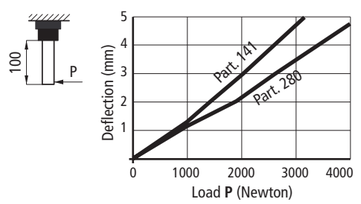


• **Assembly** of Part. 280

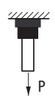


* To obtain the fixing centre holes with dimensions (92 x 55 mm) break out the thickness of diaphragm.

• **Deflection** of Part. 280 - 141



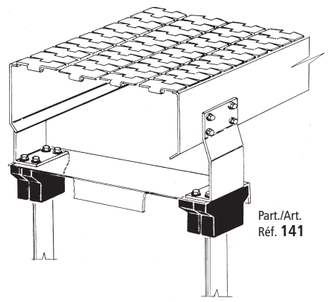
• **Sliding load resistance**



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)

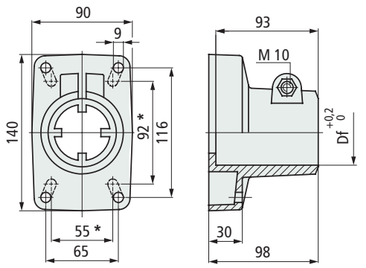
• **Assembly** of Part. 141



Part. 280

For round tubes

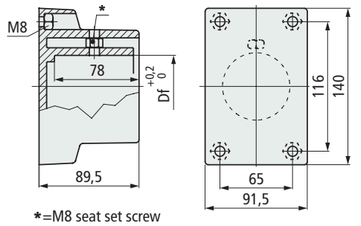
Bearing head



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

Bearing head



*=M8 seat set screw for tube locking

Part. 141

For round tubes

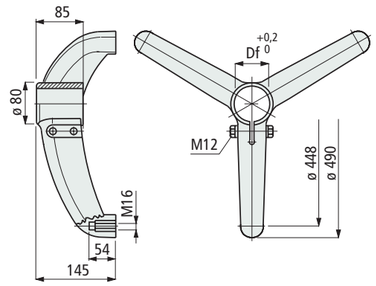
Part.	Tube dia. mm	Bore dia. Df mm	Code
141	**Ø 60,3** (2")	60,3	**65660**

- 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. 615

For round tubes

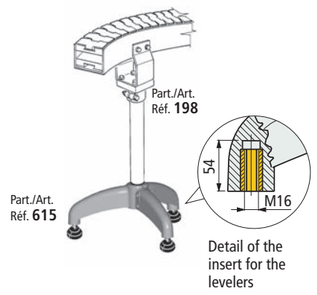
Support base (tripod)



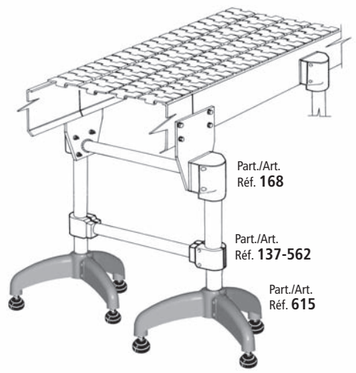
Part.	Tube dia. mm	Bore dia. Df mm	Code
Bolts in stainless steel AISI 304			
615	**38,1**	38,1	**624242**
	42,4 (1"1/4)	42,4	**624252**
	48,3 (1"1/2)	48,3	**624262**
	50,8	50,8	**624272**
	60,3 (2")	60,3	**621522**
Bolts in zinc plated steel			
615	**38,1**	38,1	**638742**
	42,4 (1"1/4)	42,4	**638752**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

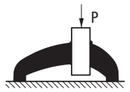
• **Assembly** of Part. 615



Detail of the insert for the levelers

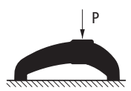


• **Sliding load resistance**



P = 8000 N

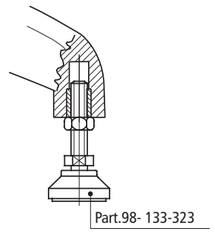
• **Max applicable load**



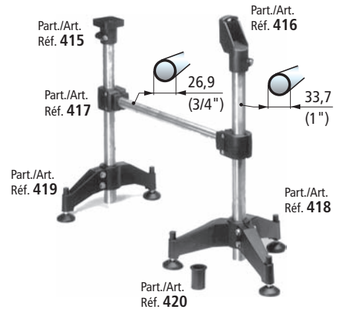
P = 10000 N

Tests performed at tightening torque : 3,6 Kgm

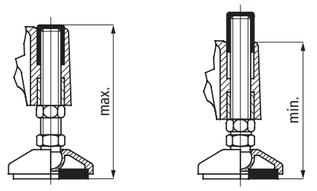
• **Types of levelers that can be used**



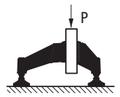
• **Assembly** of Part. 418



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

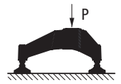


• **Sliding load resistance**



P = 3600 N

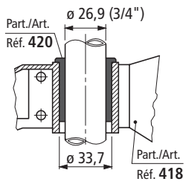
• **Max applicable load**



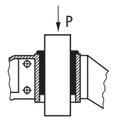
P = 7000 N

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**



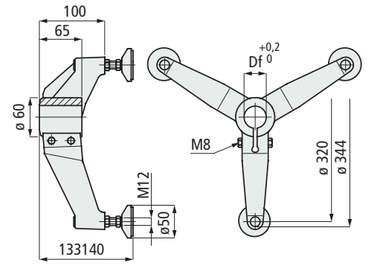
P = 3200 N

Tests performed at tightening torque : 2 Kgm

Support base (tripod)

Part. 418

For round tubes

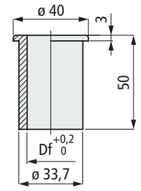


Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
418	**Ø 33,7** (1")	33,7	AISI 304	**614201**

- 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.

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

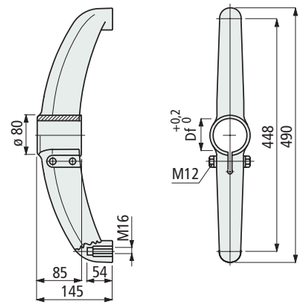
- Material : polyamide PA (black).
- Packaging : 24 pieces.

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

Part. 618

For round tubes

Support base (bipod)



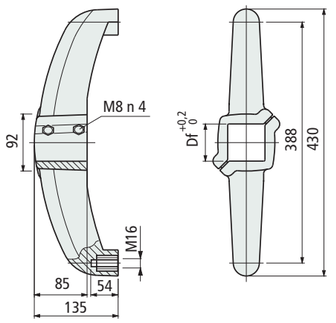
Part.	Tube dia. mm	Bore dia. Df mm	Code
Bolts in stainless steel AISI 304			
618	**38,1**	38,1	**624282**
	42,4 (1"1/4)	42,4	**624292**
	48,3 (1"1/2)	48,3	**624302**
	50,8	50,8	**624312**
	60,3 (2")	60,3	**624322**
Bolts in zinc plated steel			
618	**38,1**	38,1	**638792**
	42,4 (1"1/4)	42,4	**638802**
	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

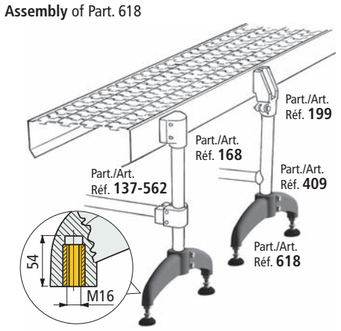
Support base (bipod)



Part.	Tube dimensions mm	Bore Df mm	Code Closed version	Code Open version
611	⍁ **40x40**	⍁ 40	**615542**	**616082**
	⍁ **50x50**	⍁ 50	**615552**	**616092**
	⍁ **60x60**	⍁ 60	**615562**	**616102**

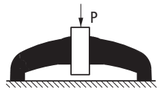
- Material : support base in reinforced polyamide PA FV (black), bolts in stainless steel AISI 304, tightening bushes in nickel plated brass, brass threaded bushings.
- Max recommended tightening torque : 2,5 Kgm.
- Weight : 0,9 Kg.
- Packaging : 10 pieces (20 half bases).

• **Assembly** of Part. 618



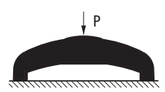
Detail of the insert for the levelers

• **Sliding load resistance**



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

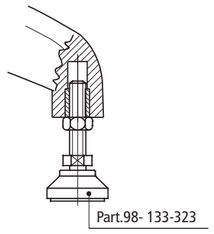
• **Max applicable load**



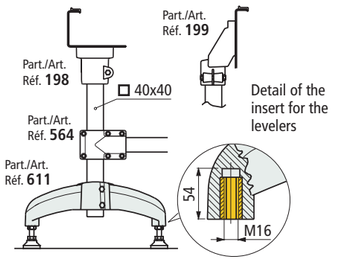
Part. 618 (P = 9600 N)
Part. 611 (P = 8000 N)

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

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



• **Assembly** of Part. 611

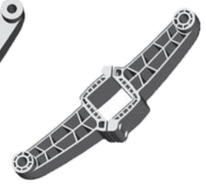


Detail of the insert for the levelers

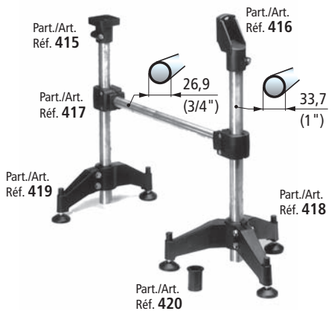
• **Part. 611 available versions**

Closed version
Easy to clean

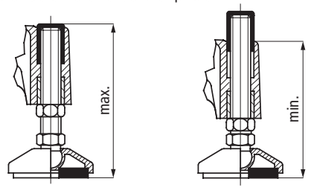
Open version



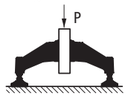
• **Assembly** of Part. 419



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

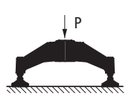


• **Sliding load resistance**



P = 3600 N

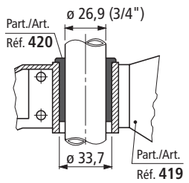
• **Max applicable load**



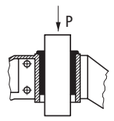
P = 7000 N

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**



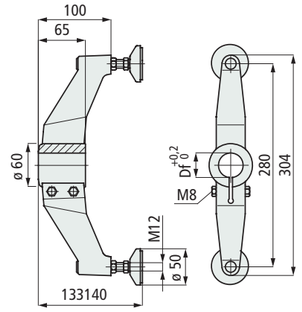
P = 3200 N

Tests performed at tightening torque : 2 Kgm

Support base (bipod)

Part. 419

For round tubes

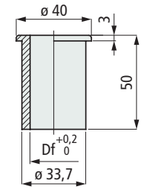


Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
419	**Ø 33,7** (1")	33,7	AISI 304	**614211**

- 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

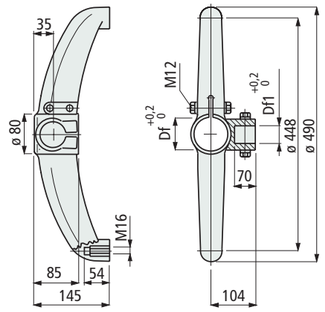
- Material : polyamide PA (black).
- Packaging : 24 pieces.

* = 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

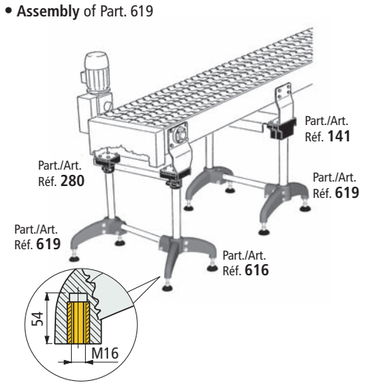
Support base (bipod)



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**

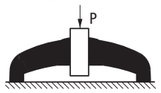
• = *New product.*
- Material : support base in reinforced polyamide PA FV (black), brass threaded bushings.
- Weight : 1,05 Kg.
- Max recommended tightening torque : 3,6 Kgm.
- Packaging : 12 pieces.

• **Assembly** of Part. 619



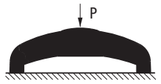
Detail of the insert for the levelers

• **Sliding load resistance**



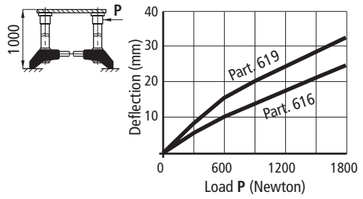
P = 8000 N.

• **Max applicable load**



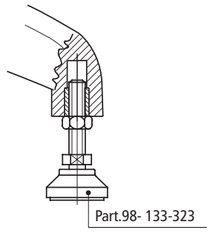
P = 8000 N.

• **Deflection**

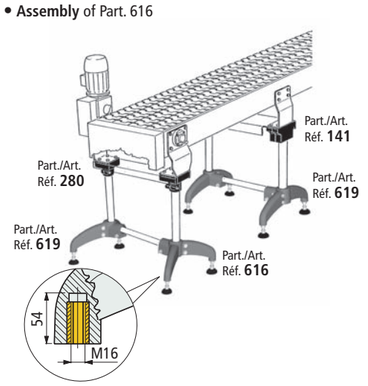


Tests performed at tightening torque : 3,6 Kgm

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

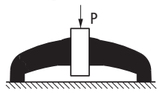


• **Assembly** of Part. 616



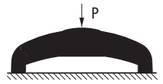
Detail of the insert for the levelers

• **Sliding load resistance**



P = 8000 N.

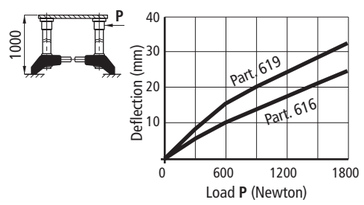
• **Max applicable load**



P = 8000 N.

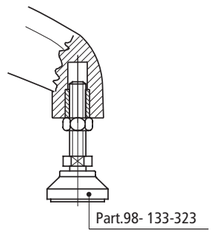
• **Deflection**

Part. 616 offers a better rigidity than Part. 619

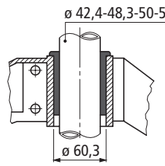


Tests performed at tightening torque : 3,6 Kgm

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



• **Assembly** of Part. 124

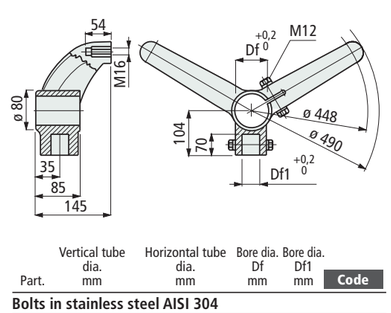


When applied on bases with bore Df=60,3, mm these can be used with dia. 42,4-48,3-50-50,6 mm tubes.

Part. 616

For round tubes

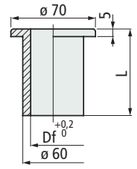
Support base (bipod)



Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
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.	Tube dia. mm	Bore dia. Df mm	L mm	Code	Weight Kg
124	Ø **42,4** (1"1/4)	42,4	85	**61980**	0,10
	Ø **48,3** (1"1/2)	48,3	50	**692711***	
			85	**61970**	
	Ø **50**	50	85	**51361***	
	Ø **50,8**	50,8	85	**61770**	

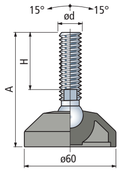
- Material : polyamide PA (black).
- Packaging : 10 pieces.

Part. 124

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

Part. 98

■ Articulated feet



•Accessories

Anti-slip

- Code : **630022**.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer

Code Stainless steel AISI 304	Code Zinc plated steel	h mm	⌀D mm	s mm
M16 630212	630142	13	24	30	3

Packaging : 8 pieces.

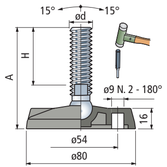
ø d	A (mm)	H (mm)	Spindle types ø14.2	ø14.2	ø24.5	mm	Code Feet supplied without anti-slip	Max static load (N)
Spindle in stainless steel AISI 303								
M 16	100	64	1a	-	-	13	**98/626012**	
	115	81	1a	-	-	13	**98/626022**	10000
	160	124	1a	-	-	13	**98/626032**	
Spindle in zinc plated steel								
M 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								
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

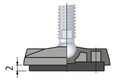
■ Articulated feet

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 Stainless steel AISI 304	Code Zinc plated steel	h mm	⌀D mm	s mm
M16 630212	630142	13	24	30	3

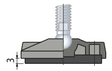
Packaging : 8 pieces.

ø d	A (mm)	H (mm)	Spindle types ø14.2	ø12.8	ø14.2	mm	Code Feet supplied without anti-slip	Max static load (N)
Spindle in stainless steel AISI 303								
M 16	95	64	1a	-	-		**323/626582**	10000
	100	72	-	2a	-		**323/626852**	9000
	110	81	1a	-	-		**323/626592**	10000
	155	124	1a	-	-		**323/626602**	
Spindle in zinc plated steel								
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.

•Accessories

Anti-slip



- Code : **630052**.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

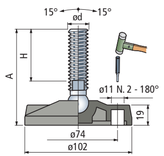
Nut + Washer

Code Stainless steel AISI 304	Code Zinc plated steel	h mm	⌀D mm	s mm
M16 630212	630142	13	24	30	3

Packaging : 8 pieces.

■ Articulated feet

Fixing holes, obtainable by breaking "diaphragm".



Part. 133

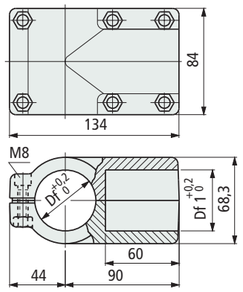
ø d	A (mm)	H (mm)	Spindle types ø14.2	ø14.2	mm	Code Feet supplied without anti-slip	Max static load (N)
Spindle in stainless steel AISI 303							
M 16	100	64	1a	-	13	**133/633202**	
	115	81	1a	-	13	**133/633212**	12000
	160	124	1a	-	13	**133/633222**	
Spindle in zinc plated steel							
M 16	95	61	1a	-	13	**133/633292**	
	100	68	-	2b	16	**133/679711N**	
	125	89	-	2b	16	**133/686421N**	12000
	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

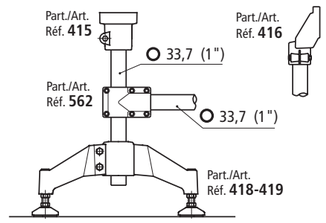


Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
562	Ø **33,7** (1")	Ø **33,7** (1")	33,7	33,7	**697831**
	Ø **38,1**	Ø **33,7** (1")	38,1	33,7	**605852**
		Ø **38,1**	38,1	38,1	**697841**
	Ø **42,4** (1"1/4)	Ø **33,7** (1")	42,4	33,7	**607092**
	Ø **48,3** (1"1/2)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

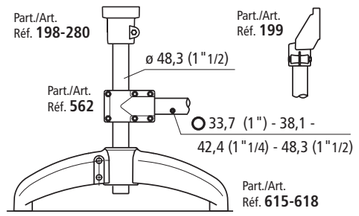
- Material : joint in reinforced polyamide PA FV (black). Tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Weight : 0,4 Kg.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 8 pieces.

• **Assembly** of Part. 562

Example of assembly with vertical tubes ø 33,7 mm

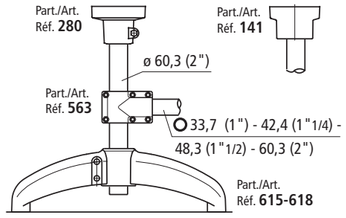


Example of assembly with vertical tubes ø 48,3 mm



• **Assembly** of Part. 563

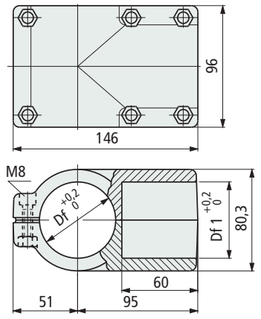
Example of assembly with vertical tubes ø 60,3 mm



Part. 563

For round tubes

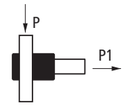
Connecting joint



Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
563	Ø **50,8**	Ø **33,7** (1")	50,8	33,7	**697871**
		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***
	Ø **60,3** (2")	Ø **33,7** (1")	60,3	33,7	**605882**
		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.

• Sliding load resistance

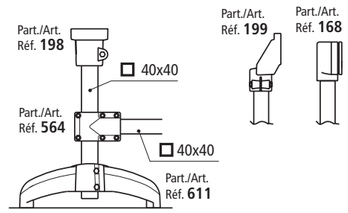


Part. 562 (P = 2000 N) - (P1 = 3500 N)
Part. 563 (P = 1500 N) - (P1 = 3000 N)

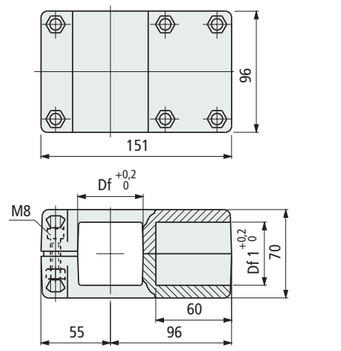
Tests performed at tightening torque : 1,5 Kgm

• **Assembly** of Part. 564

Example of assembly with vertical tubes ⍁ 40 mm



Connecting joint



Part.	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.

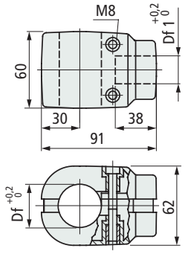
Part. 564

For square tubes

Part. 417

For round tubes

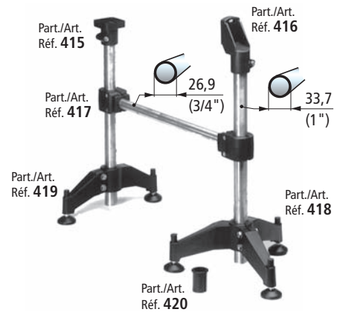
Connecting joint



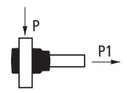
Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
417	Ø **33,7** (1")	Ø **26,9** (3/4")	33,7	26,9	**69368**

- 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.

• Assembly of Part. 417



• Sliding load resistance



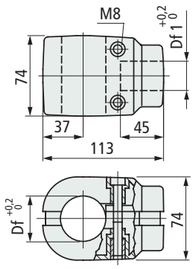
P = 500 N
P1 = 800 N

Tests performed at tightening torque : 2 Kgm

Part. 454

For round tubes

Connecting joint

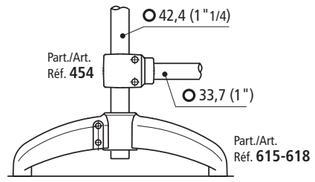


Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
454	Ø **42,4** (1"1/4)	Ø **33,7** (1")	42,4	33,7	**69378**

- 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. 454

Example of assembly with vertical tubes ø 42,4 mm



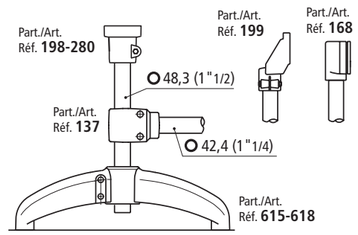
• Sliding load resistance

P = 500 N

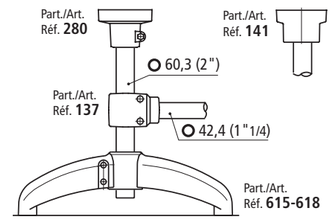
Tests performed at tightening torque : 2 Kgm

• Assembly of Part. 137

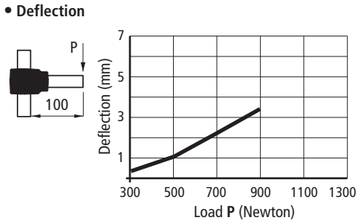
Example of assembly with vertical tubes ø 48,3 mm



Example of assembly with vertical tubes ø 60,3 mm



• Deflection

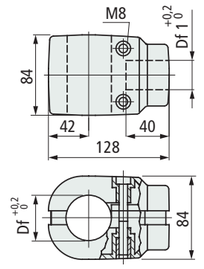


• Sliding load resistance

P = 1000 N

Tests performed at tightening torque : 1 Kgm

Connecting joint



Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
137	Ø **48,3** (1"1/2)	Ø **42,4** (1"1/4)	48,3	42,4	**66813**
	Ø **60,3** (2")	Ø **42,4** (1"1/4)	60,3	42,4	**65020**

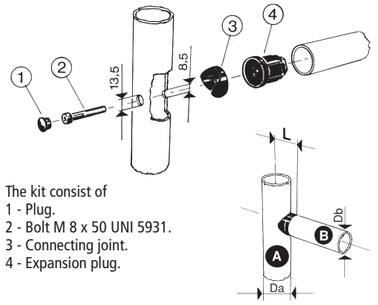
- Material : joint in reinforced polyamide PA FV (black). Tightening screws in stainless steel AISI 304, cadmium plated brass threaded bushings.
- Weight : 0,44 Kg.
- Max recommended tightening torque : 1 Kgm.
- Packaging : 8 pieces.

Part. 137

For round tubes

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
409	**Ø 38**	**Ø 38**	1,5	**63277***	31
	Ø 42,4 (1"1/4)	**Ø 38**	1,5	**63287***	33,2
		Ø 42,4 (1"1/4)	1,5	**63337**	
	Ø 48,3 (1"1/2)	**Ø 38**	1,5	**63297**	36,2
		Ø 42,4 (1"1/4)	1,5	**63347**	
	Ø 60,3 (2")	**Ø 42,4** (1"1/4)	1,5	**63357**	42,2

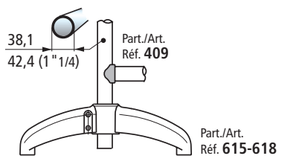
1) = Various dimensions

- 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.

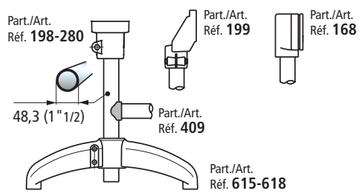
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

- **Assembly** of Part. 409

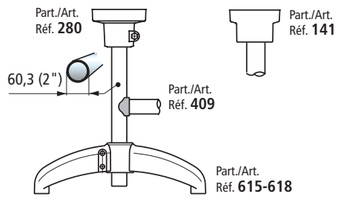
Example of assembly with vertical tubes ø 38,1 and 42,4 mm



Example of assembly with vertical tubes ø 48,3 mm



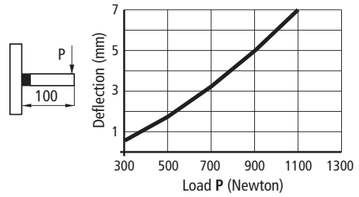
Example of assembly with vertical tubes ø 60,3 mm



- **Characteristics**

High sanification. Allows connection joints at any angle.

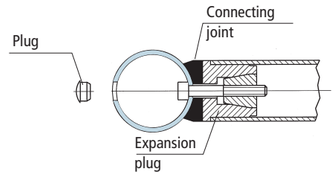
- **Deflection**



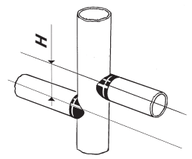
Tests performed at tightening torque : 2,5 Kgm

- **Assembly**

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

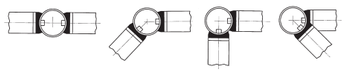


- **Offset tube joints**

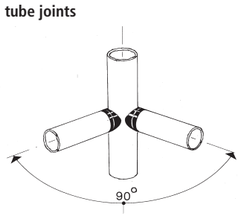


Minimum offset value
H min = 47 (for code : 63357 - 63347 - 63337)
H min = 43 (for code : 63297 - 63287 - 63277)

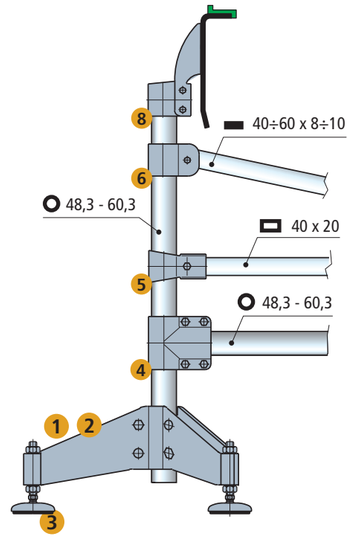
Connections can be made at any angle.
Offsetting the connections allow entry of the bolt and wrench.



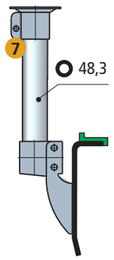
- **Coaxial tube joints**

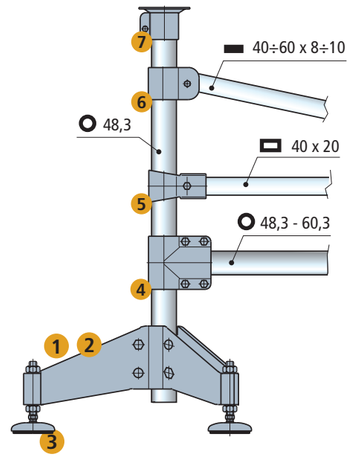


With more than one Ø 60,3 x 42,4 tube (code 63357) at the same point, only 90 joints can be made.

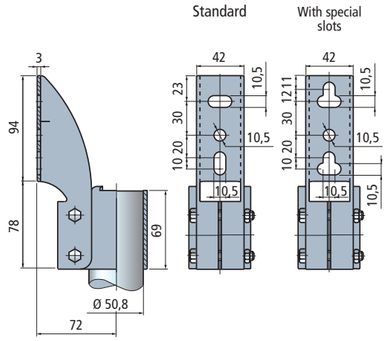


1 - Part. 706.
2 - Part. 707.
3 - Part. 623-627.
4 - Part. 686.
5 - Part. 688.
6 - Part. 689.
7 - Part. 690.
8 - Part. 685.





Side mounting top brackets



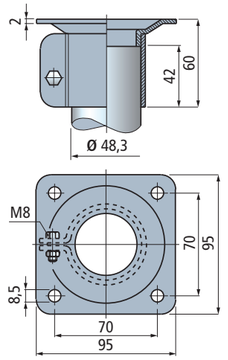
Part.	Tube dia. mm	Code Standard	Code With special slots	Weight kg
685	48,3 (1"1/2)	**684502**	**610223**	0,70
	50,8	**605143**	**610233**	0,75
	60,3 (2")	**696122**	**610243**	0,80

- Material : top bracket and bolts in stainless steel AISI 304.
- Packaging : 4 pieces.

Part. 685

New Product

Bearing heads



Part.	Tube dia. mm	Code	Weight kg
690	48,3 (1"1/2)	**684572**	0,33

- Material : top bracket and bolts in stainless steel AISI 304.
- Packaging : 4 pieces.

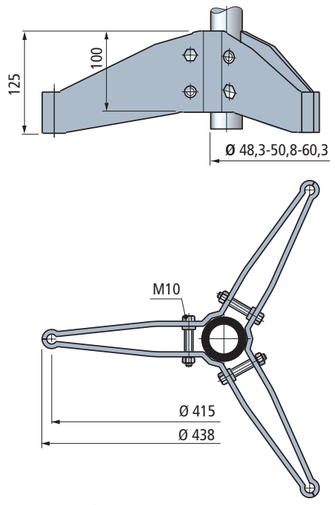
Part. 690

New Product

Part. 707

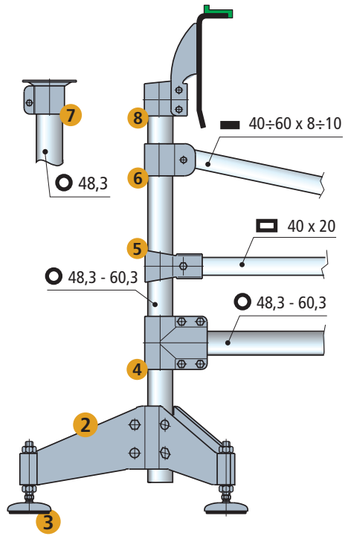
New Product

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.

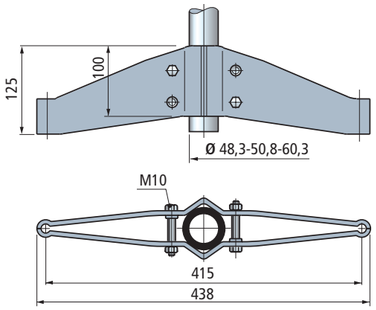


1 - Part. 706.
2 - Part. 707.
3 - Part. 623-627.
4 - Part. 686.
5 - Part. 688.
6 - Part. 689.
7 - Part. 690.
8 - Part. 685.

Part. 706

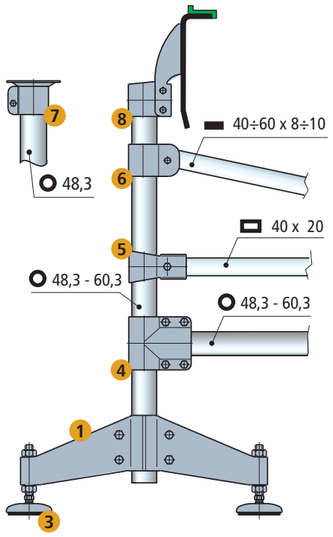
New Product

Support bases (bipod)



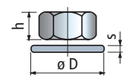
Part.	Tube dia. mm	Code	Weight kg
706	48,3 (1"1/2)	685052	1,88
	50,8	609953	
	60,3 (2")	685852	

- Material : support base and bolts in stainless steel AISI 304.
- Packaging : 1 piece.



for Part. 706 - 707

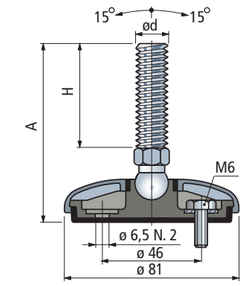
•Accessories
Nut + Washer



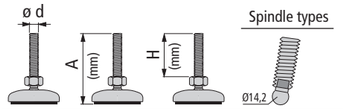
Code	h mm	mm	øD mm	s mm
M16 **630212**	13	24	30	3

- Material : stainless steel AISI 304.
- Packaging : 8 pieces.

Articulated feet Gripper



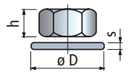
Part. 627



					Code Feet with cap supplied assembled	Code Feet with cap supplied disassembled 1)	Max static load (N)
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.

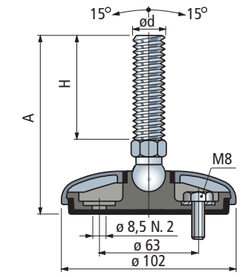
•Accessories
Nut + Washer



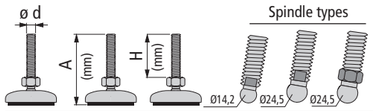
Code	h mm	mm	øD mm	s mm
M16 **630212**	13	24	30	3

- Material : stainless steel AISI 304.
- Packaging : 8 pieces.

Articulated feet Gripper



Part. 623



							Code Feet with cap supplied assembled	Code Feet with cap supplied disassembled 1)	Max static load (N)
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.

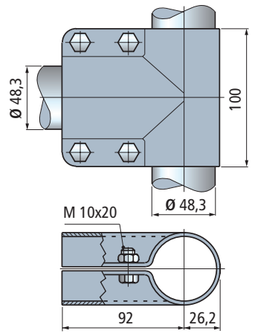
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 686

For tubes Ø 48,3 mm

New Product

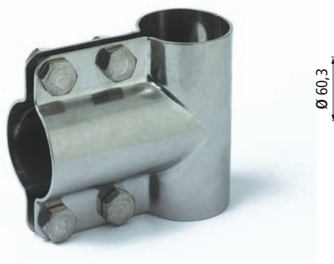
■ Connecting joints



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.

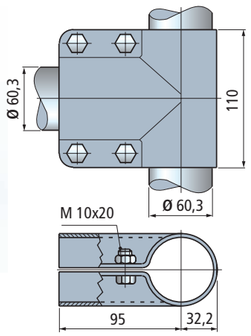
Part. 687



For tubes Ø 60,3 mm

New Product

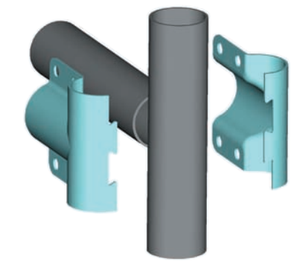
■ Connecting joints

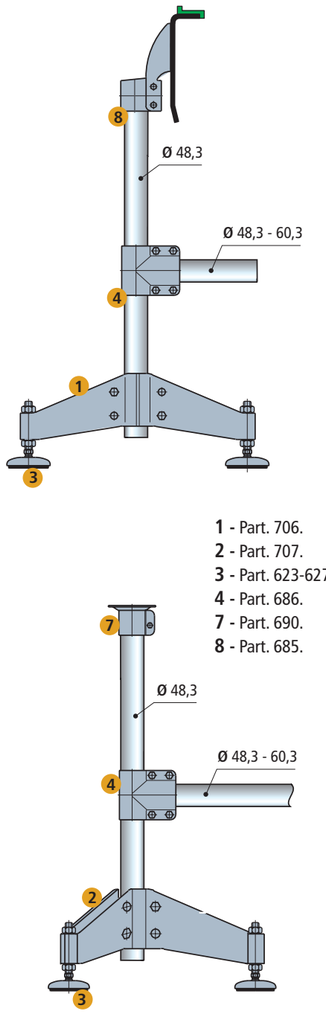


Part.	Tube dia. mm	State of supply	Code	Weight kg
687	60,3 (2")	With bolts	**684532**	0,70
		Without bolt	**684542**	

- Material : joint and bolts in stainless steel AISI 304.
- Packaging : 4 pieces.

• **Assembly** Part. 686-687

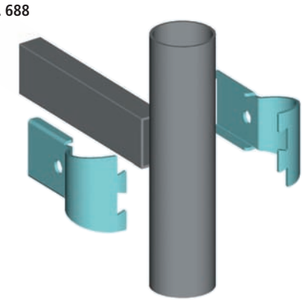




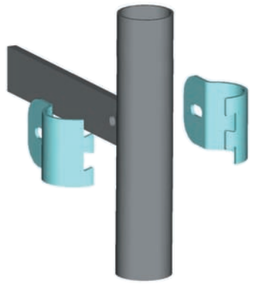
1 - Part. 706.
2 - Part. 707.
3 - Part. 623-627.
4 - Part. 686.
7 - Part. 690.
8 - Part. 685.

• **Assembly**

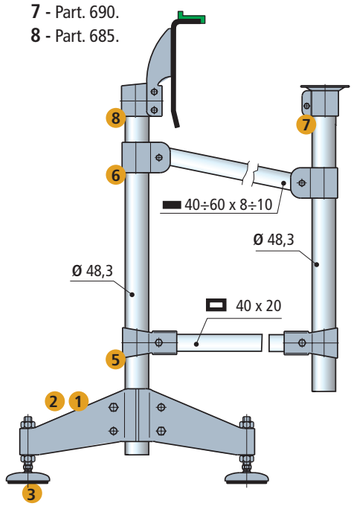
Part. 688



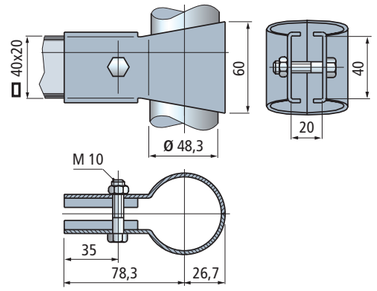
Part. 689



1 - Part. 706.
2 - Part. 707.
3 - Part. 623-627.
5 - Part. 688.
6 - Part. 689.
7 - Part. 690.
8 - Part. 685.



■ Connecting joints



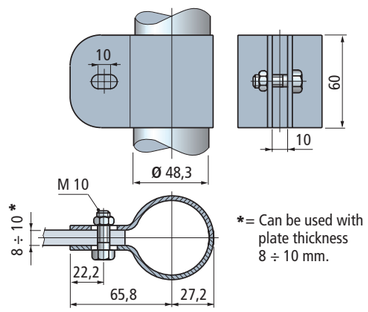
Part.	Tube dia. mm	Rectangular tube mm	Code	Weight kg
688	48,3 (1"1/2)	40x20	**684552**	0,35

- Material : joint and bolts in stainless steel AISI 304.
- Packaging : 8 pieces.

Part. 688

New Product

■ Connecting joints

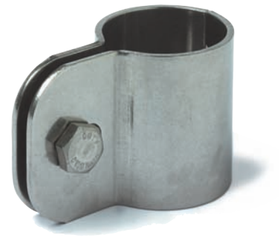


***= Can be used with plate thickness 8 ÷ 10 mm.

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

Part.	Code	Weight kg
342	6051526	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.

- **Assembly** of Part. 342
Dia. 18 mm photocells or sensors

Part. 341

Clamp for photocells or sensors

Part.	Tightening bolt material	Rod dia. ø	Square rod ø	Code	Weight kg
341	Stainless steel AISI 304	10	8	66183	0.02
		12	10	66305	
		14	12	67385	
	Zinc plated steel	10	8	627091	
		12	10	627071	
		14	12	627081	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0.5 Kgm.
- Packaging : 50 pieces.

- **Assembly** of Part. 341
Dia. 18 mm photocells or sensors

- **Assembly** of Part. 341 C
Types of reflectors that can be mounted :

Reflector with clip-on fixing pin; press-fit between clip and clamp hole.

- **Operating principle**

The beam of light emitted by source E is reflected by reflector C and conveyed to receiver R. Reading is performed during interruption of the beam of light.

- **Assembly of photocells or sensors**

The clamp can also be drilled to hold dia. 8-10-12-14 mm photocells or sensors.

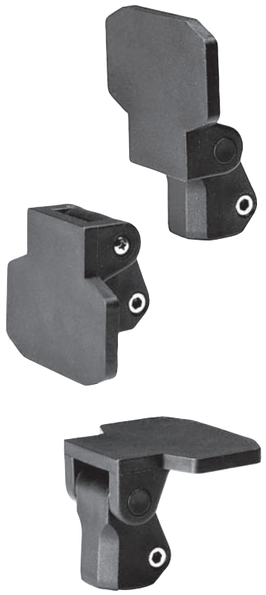
Clamp for reflectors

Part.	Tightening bolt material	Rod dia. ø	Square rod ø	Code	Weight kg
341C	Stainless steel AISI 304	10	8	C6321500	0.02
		12	10	C6912500	
		14	12	C6913500	
	Zinc plated steel	10	8	C6270910	
		12	10	C6271110	
		14	12	C6271110	

Part. 341C

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0.5 Kgm.
- Packaging : 50 pieces.

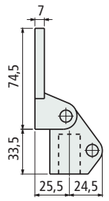
Part. 372



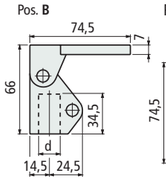
Universal clamp for photocells or reflectors

- Can be fitted in positions A - B - C

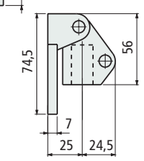
Pos. **A**



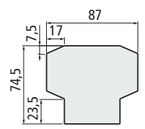
Pos. **B**

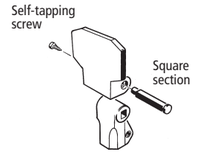


Pos. **C**



- Flange dimension



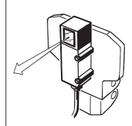


Part.	Rod dia. **d** mm	Code	Weight kg
	14	**61786**	
	15	**61796**	
372	**16**	**61806**	0,12
	18	**61816**	
	20	**61826***	

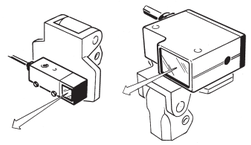
- Material : clamp in reinforced polyamide PA FV (black), tightening bolt in stainless steel AISI 304.
- State of supply : already assembled in position A
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 50 pieces.

• Suitable photocell types

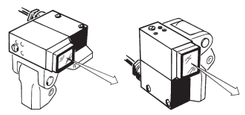
- Omron / E3S - R



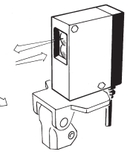
- Sick / WL 36



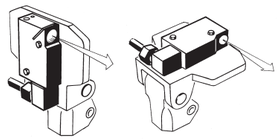
- Omron / E3A2



- Datalogic / RT 7

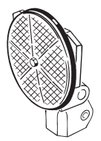


- Leuze / Rk 18

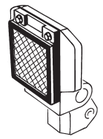


• Suitable reflector types

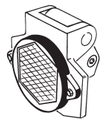
Diell / RL 110



Sicest / RF - 230

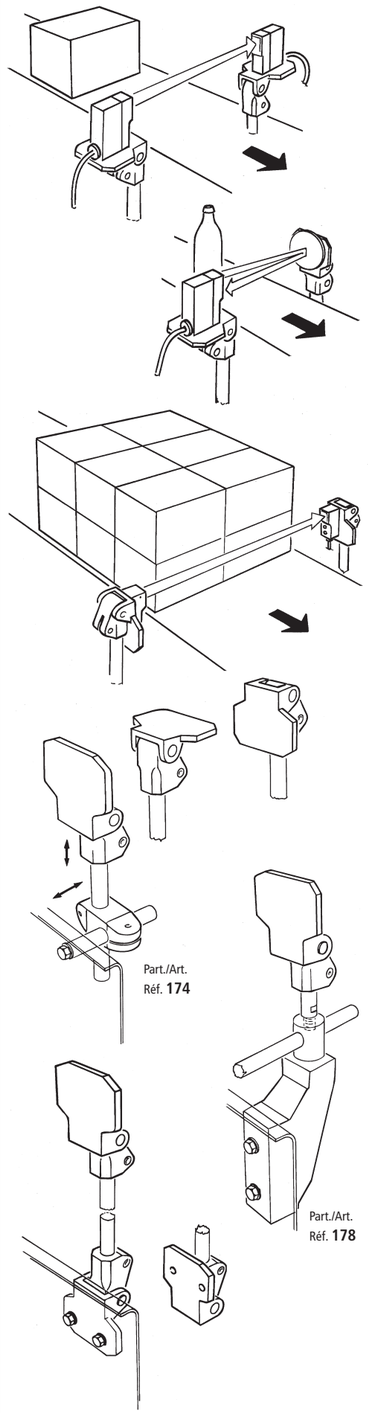


Diell / RL 113
Datalogic / R2



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

• Assembly of Part. 372



Part. 518

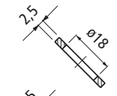
• Use

Contact lever ideal to mechanically check the presence of products. Works in conjuction with photocells or magnetic sensor (proximity sensor).

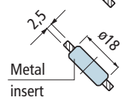
• Versions

The control contact lever is supplied in three versions according to the type of sensor to be used.

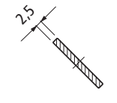
1) With hole (no insert).



2) With hole and metal insert (for magnetic sensor).

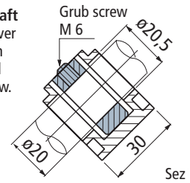


3) Without hole



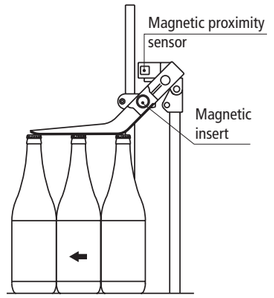
• Assembly on the shaft

The control contact lever can be axially fixed on the shaft with a metal collar and a grub screw.

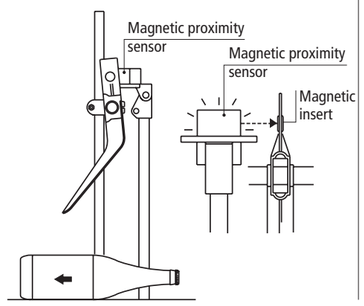


• Assembly of Part. 518 (with insert for magnetic sensor)

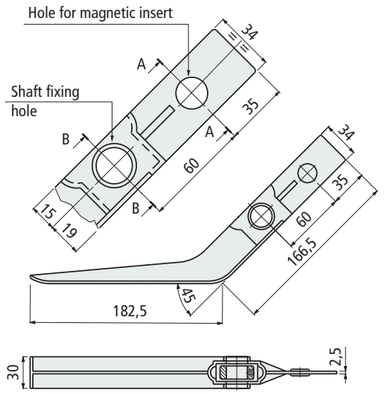
In regular conditions the control contact lever is high and magnetic proximity sensor does not detect the presence of magnetic insert.



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

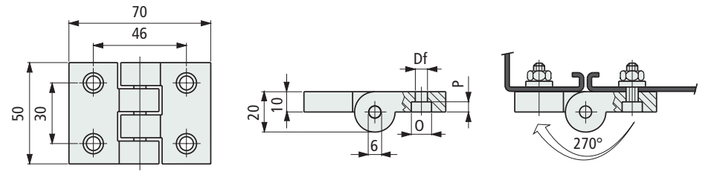


Part.	Version	Code	Weight kg
	With hole (no insert)	**642941N**	
518	With hole and metal insert	**642951N**	0,1
	Without hole	**696021N**	

- 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

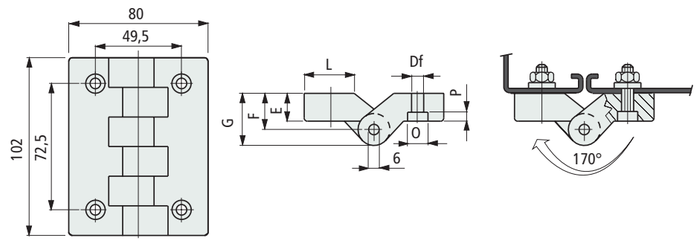


Part.	Fixing screws dia.	Code	Df dia. mm	O mm	P mm	Weight gr	Packaging No. of pieces
337	M 6	**67023**	6,5	10,5	6	55	24
	M 8	**60334**	8,5	13,5	4		

- Material : hinge in polyamide PA (black). Pin in stainless steel AISI 430 F.
- Max recommended tightening torque : 0,5 Kgm.

Part. 260

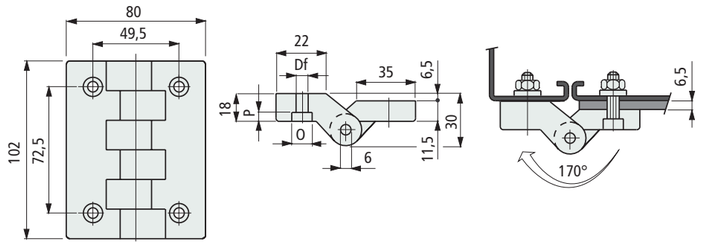
■ 170° hinge



Part.	E mm	Fixing screws dia.	Code	ø Df mm	F mm	G mm	O mm	P mm	L mm	Weight gr	Packaging No. of pieces
260	**11,5**	M 6	**65021**	6,5	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.	Fixing screws dia.	Code	ø Df mm	O 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).

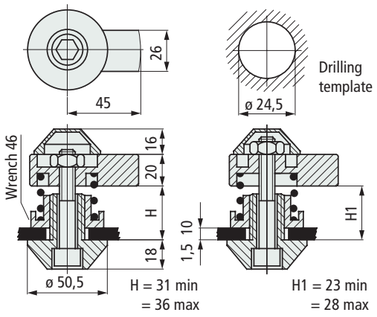
Part. 260

For misalligned 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



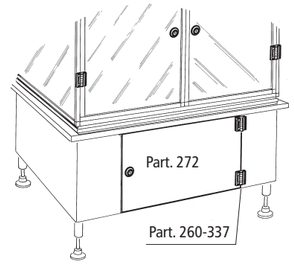
Assembly drawing No. 1

Assembly drawing No. 2

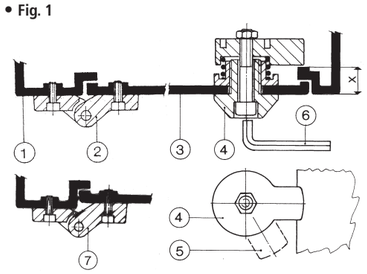
Part.	Code	Weight Kg
272	**66771**	0,2

- 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**



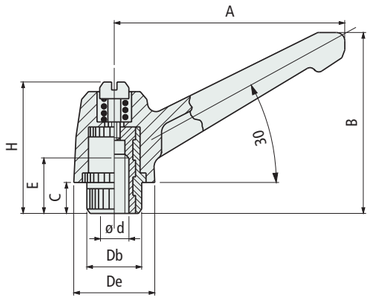
1- Machine structure.
2- Hinge Part. 260-337.
3- Door.
4- Lock Part. 272 (in closed position).
5- Lock Part. 272 (in open position).
6- Lock key (with exagonal 10 wrench).
7- Hinge Part. 260 (for misalligned mounting surfaces).

Ratchet handle clamping

Part. 302

Part.	Bore dia. d	A mm	B mm	C mm	E mm	H mm	Db mm	De mm	Code
302	**M 6**	40	40	7	12	32	11,5	16	**60902**
	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).

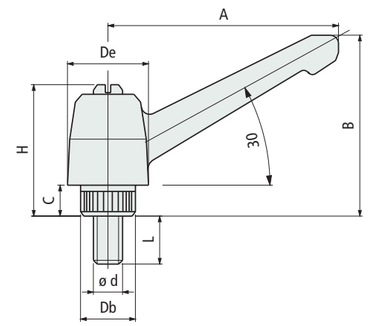


Ratchet handle clamping

Part. 303

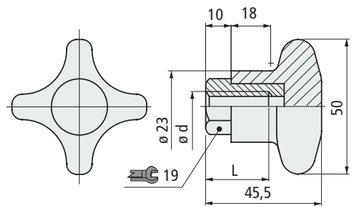
Part.	Bore dia. d	A mm	B mm	C mm	L mm	H mm	Db mm	De mm	Code
303	**M 5**	40	40	7	20	32	11,5	16	**646742**
	M 6	40	40	7	20	32	11,5	16	**60922**
	M 8	55	51	10	25	37	15	20	**60872**
	M 10	79	67	11	30	48	20	28	**60942**

- 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

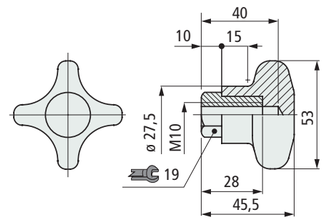


Part.	Thread dia. d	Code	L mm
Threaded insert in stainless steel AISI 303			
182	**M 6**	**645111N***	23
	M 8	**649961N***	
	M 10	**649971N***	
	M 12	**645141N***	
Threaded insert in nickel plated brass			
182	**M 10**	**54911**	28

* = *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**

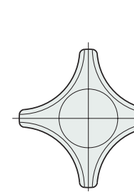
- Material : knob in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 2,5 Kgm (manual tightening), 4 Kgm (tightening with wrench). For high tightening torques apply a 19 mm wrench to the hexagon of the insert.
- Packaging : 50 pieces.

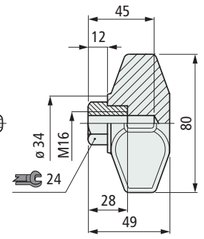
Part. 625

■ Tightening knob

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.

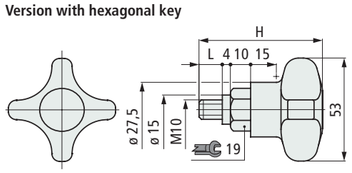




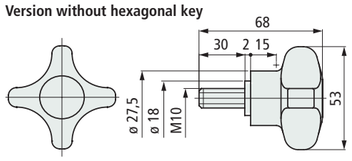
Part. 185

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
		30	**683832***	80
	Reinforced Polypropylene PP FV (grey)	11	**683902***	61
Version without hexagonal key				
185	Reinforced Polyamide PA FV (black)	—	**698942***	—

** = New product.*

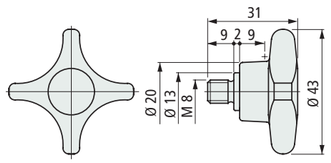
- Use : version with knob in reinforced Polypropylene PP FV (grey), gives a better resistance to chemical agents.
- Material : knob in reinforced polyamide PA FV (black), (threaded insert in nickel plated brass). With knob in reinforced Polypropylene PP FV (threaded insert in stainless steel AISI 303).
- 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

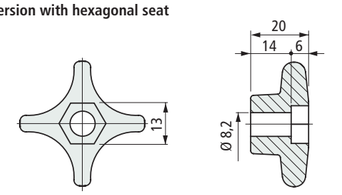
New Product

Tightening knob

Version with threaded insert



Version with hexagonal seat

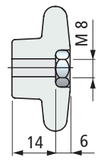


Part.	Version	Code
671	With threaded insert	**676392**
	With hexagonal seat	**676402**

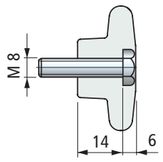
- Supplied in reinforced Polypropylene PP FV, gives a better resistance to chemical agents.
- Material : knob in reinforced Polypropylene PP FV (grey), threadedinsert in stainless steel AISI 303.
- Max admitted tightening torque : 1 Kgm (version with threaded insert).
- Packaging : 50 pieces.

• **Example** of application of version with hexagonal seat

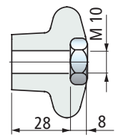
Use with nut
Apply a standard hexagonal M 8 UNI 5588, DIN 934.



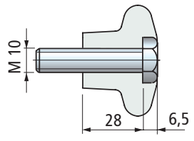
Use with screw
Apply an hexagonal head screw M 8 UNI 5739, DIN 933, ISO 4017.



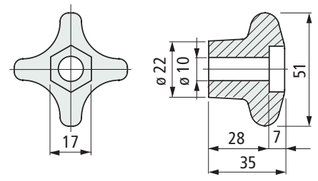
Use with nut
Apply a standard hexagonal M 10 UNI 5588, DIN 934.



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

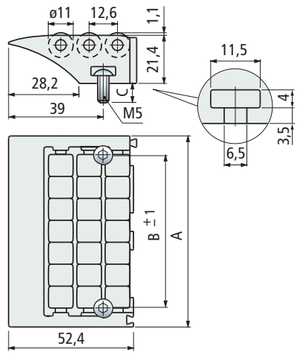
- Economical version (supplied without tightening elements).
- The version in reinforced Polypropylene PP FV, gives a better resistance to chemical agents.
- Packaging : 50 pieces.

Part. 734

New Product

Part. 567

End transfer module (with lip)



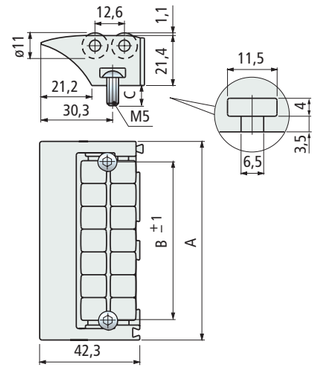
Part.	A mm	B mm	C mm	Code	Weight kg
567	85	67,6	Without screws	688792	0,09
			7	688802	
			13	688812	
	115	97	Without screws	687382	0,11
			7	686472	
			13	677322	

- 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

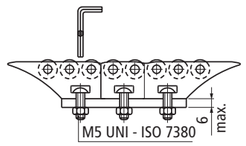
End transfer module (with lip)



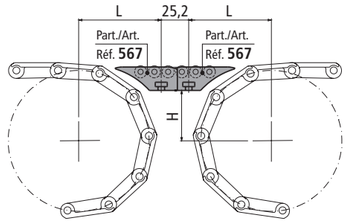
Part.	A mm	B mm	C mm	Code	Weight kg
672	85	67,6	Without screws	687412	0,09
			13	687422	
				675582	
	115	97	Without screws	687432	0,11
			7	687442	
			13	675592	

- 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.

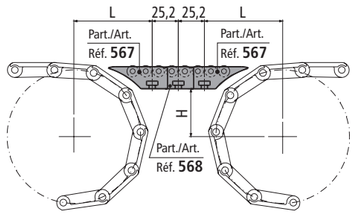
- **Fixing**
Screws are tightened with an hexagon key inserted between rollers.



- **Head to tail transfer** of small and light products.

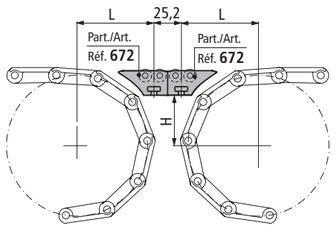


L and H see page S206.

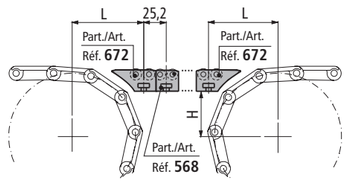


L and H see page S206.

Compact versione.

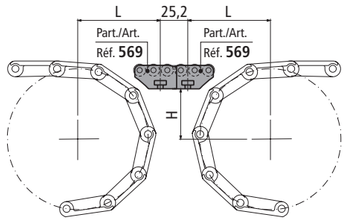


L and H see page S208.

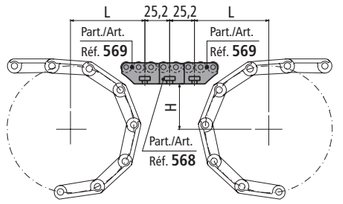


L and H see page S208.

- **Head to tail transfer** of big and heavy products.

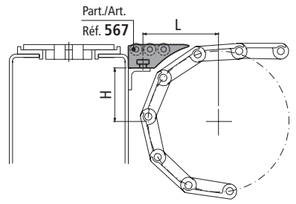


L and H see page S206.



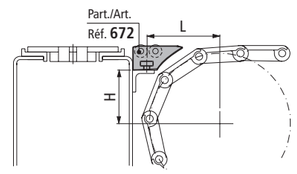
L and H see page S206.

- **90 transfer** of small and light products.



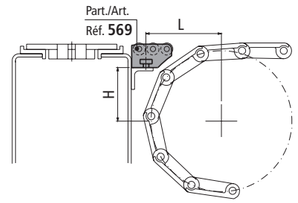
L and H see page S206.

Compact versione.



L and H see page S208.

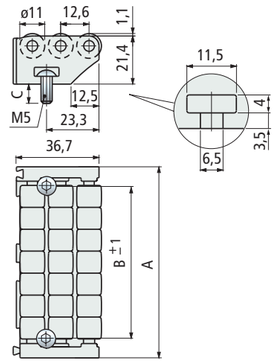
- **90 transfer** of big and heavy products.



L and H see page S206.

End transfer module

Part. 569

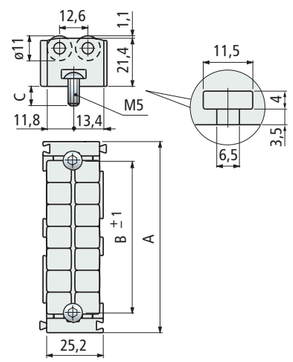


Part.	A mm	B mm	C mm	Code	Weight kg
569	85	67,6	Without screws	605922	0,08
			7	686262	
			13	601092	
	115	97	Without screws	687392	0,10
			7	686482	
			13	677332	

- 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

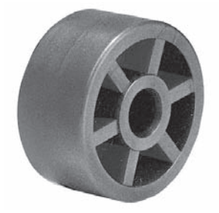
Part. 568



Part.	A mm	B mm	C mm	Code	Weight kg
568	85	67,6	Without screws	605912	0,06
			13	601082	
	115	97	Without screws	687402	0,08
			13	677312	

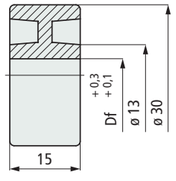
- Material : frame and rollers in acetal Rex-HP™ (dark grey) very low coefficient of friction. Roller pins in stainless steel AISI 303, screws in stainless steel AISI 304.
- Modularity : snap-on assembly with Part. 567-569-672.
- Packaging : 20 pieces.

Part. 20-21

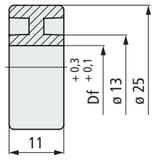


Rollers

Part. 20



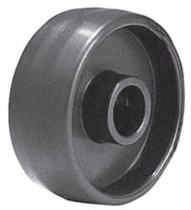
Part. 21



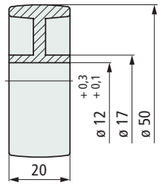
Part.	Bore dia. Df mm	Code
20	7	51410*
21	5,5	51420
	9,5	51430*
	10,5	51440*

- Material : polyamide PA (black).
- Packaging : 200 pieces.

Part. 16



Roller

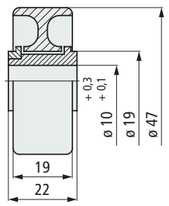


Part.	Code
16	51400

- 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.

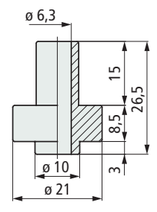
Part. 63-95

Rollers

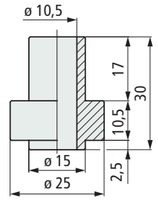
Part.	Code
63	51370
95	51380

- Material : acetal POM (white).
- Packaging : Part. 63 (500 pieces), Part. 95 (200 pieces).
- Part. 63 can be used as spare part in roller guides Part. 128-128 S-628 S.

Part. 63



Part. 95

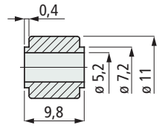


Part. 363

Roller

Part.	Code
363	64434

- Material : acetal Rex-LF® (light brown) very low coefficient of friction.
- Packaging : 5000 pieces.

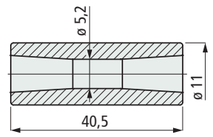


Part. 455

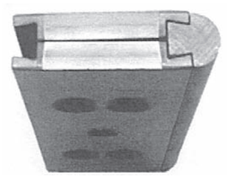
Roller

Part.	Code
455	614381

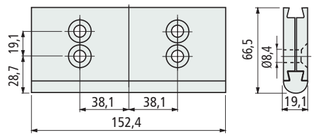
- Material : acetal Rex-LF® (light brown) very low coefficient of friction.
- Packaging : 500 pieces.



Part. 905



■ **Modular "Nose-Over" bar standard profile**



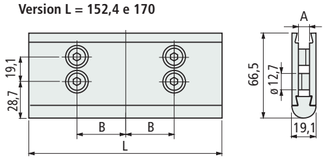
Part.	Code	Weight Kg
905	655711	0,18

- Material : clamp in polyamide PA (black), sliding profile in Nylatron®.
- Packaging : 1 pieces.

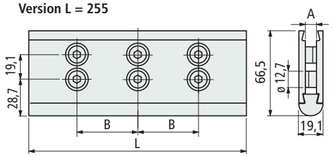
Part. 905

■ **Modular "Nose-Over" bar low profile**

Version L = 152,4 e 170



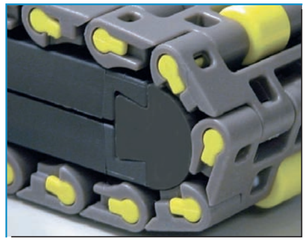
Version L = 255



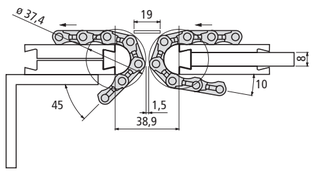
Part.	L mm	B mm	Hardware	A	Code	Weight Kg
905	152,4	38,1	M6	8 mm	655721	0,18
			1/4-20	0,25 inch	655731	
	170	42,5	M6	8 mm	656301*	0,20
	255	85	M6	8 mm	656291*	0,31

** = New product.*
- Material : clamp in polyamide PA (black), sliding profile in Nylatron®, steel hardware.
- Packaging : 1 pieces.

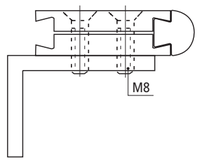
• **Use of** Part. 905
Head to tail transfer with MatTop® chain Series 1500.



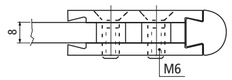
• **Assembly** of Part. 905



• **Modular nose-over bar standard**
N4 M8 socked flat head cap screws UNI 5933.

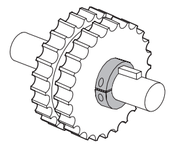


• **Assembly of "Nose-Over" bar with 8 mm plate**

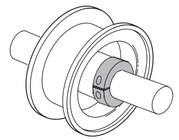


• **Assembly** of Part. 612 (with round bore)

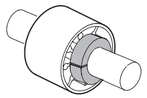
- With sprockets



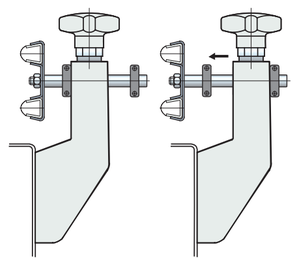
- With idler wheels



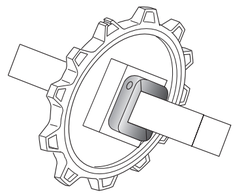
- With rollers



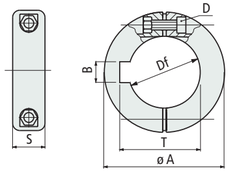
- With side brackets



• **Assembly** Part. 612 (with square bore)
- Ideal for the loking of MatTop.® sprockets.
- Versionin 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)**

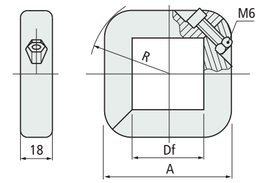


Part.	Bore dia. Df mm	Df Inch	ø A mm	S mm	B mm	T mm	D	Code	Weight kg
Without seat keyway									
612	12	–	30	11,7	–	–	M4	655062	–
	–	1/2"	30	11,7	–	–	M4	655072	–
	14	–	30	11,7	–	–	M4	655082	–
	16	5/8"	35	11,7	–	–	M4	655092	–
	18	–	40	14	–	–	M4	614712	0,018
	–	3/4"	40	14	–	–	M4	655102	–
	20	–	40	14	–	–	M4	614722	0,019
	25	–	45	14	–	–	M4	619452	0,022
	30	–	50	16	–	–	M4	640602	0,026
	–	11/4"	50	16	–	–	M4	608463*	–
	–	11/2"	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
	–	11/4"	50	16	6,4	34,98	M4	655122	–
	35	–	63,5	18	10	38,3	M5	614742	0,030
		17/16"	63,5	18	9,58	41,02	M5	605043*	–
	–	11/2"	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.

Part. 612

■ **Split shaft collar** (with square bore)



Part.	Square bore Df mm	Df inch	Material Polyamid PAFV (black) Code	Material Polypropylene PPFV (black) Code	Material Polypropylene PPFV (white) Code	A mm	R mm
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

New Product

Part. 79

■ **Winding tensioner**

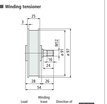
Part.	Load daN	Winding load	Direction of load	Mat./Pkg.
79	0÷2600	2000	right left	673523 673533

- Noise reduction.
- Material: pulley in polyamide PA (orange), pin in brass.
- Packaging: 10 pieces.

• **Assembly** of Part. 79-75

Part. 75

■ **Winding tensioner**



Part.	Load daN	Winding load	Direction of load	Mat./Pkg.
75	0÷4000	2500	right left	673642N 673652N
	0÷2800*	600	right left	673662N 673672N

- Noise reduction.
- *Constant force 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. 666

■ **Closing caps (for round tubes)**

Part. 666

New Product

Tube dimensions

Part.	Particle size	Thickness min	Thickness max	Mat./Pkg.	Dn mm
666	Ø 38.1	1	2.5	671142	37
	Ø 40.2 (1 1/2)	1.2	2.5	671152	39
	Ø 48.3 (1 1/2)	1.2	2.5	671162	48

- Material: polyethylene PE (black).
- Packaging: 10 pieces.

• **Assembly** of Part. 667

■ **Closing caps (for square tubes)**

Part. 667

New Product

Tube dimensions

Part.	Outside dim.	Thickness min	Thickness max	Mat./Pkg.	Dn mm	H mm
667	□ 20x20	1	2.5	671112	40	14
	□ 30x30	1	2.5	671182	50	16,5

- Material: polyethylene PE (black).
- Packaging: 10 pieces.

• **Assembly** of Part. 668

■ **Safety caps (for round tubes)**

Part. 668

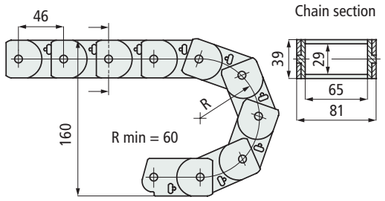
New Product

Part.	Pn-Ps mm	Mat./Pkg. daN	A Dn	A mm	B mm
668	12	671181	613686	16	15 18.5
	14	671282	611233	18	16.5 21
	16	671252		20	19 23
	20	671222		24.5	23.5 25.5

- Material: PVC rubber.
- Packaging: 100 pieces.

Part. 112

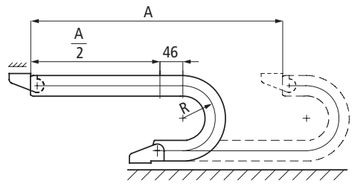
Cable carriage chain



Part.	Code
112	51610

- Use : for carrying cables and hoses in the machine and protecting them from tensile and torsional sress.
- Material : polyamide PA (black).
- Assembly of engaged links : the engagement system allows a quick easy dismountling.
- Packaging : 5 metres.

• Calculation of chain length L



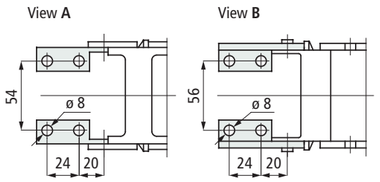
$$L = \frac{A}{2} + \bullet R + (46 \bullet 2)$$

L = chain length (mm).
A = chain stroke (mm).
R = curving radius (mm).

Accessories

Part. 114

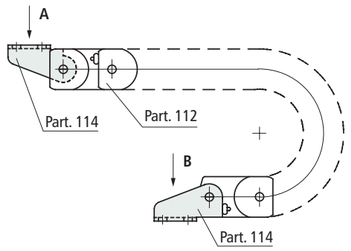
Attachments



Part.	Code
114	59040*

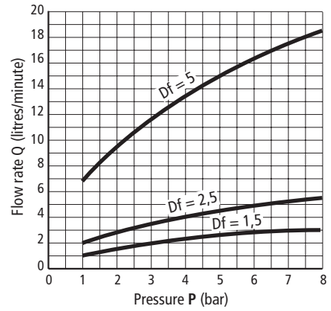
- Material : zinc plated steel.
- State of supply : complete with No. 4 connections.
- Packaging : 5 kit.

• Assembly of Part. 114

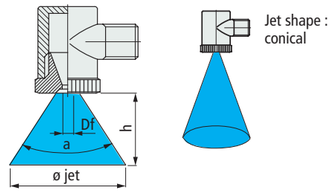


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• Capacity diagram of Part. 19



• Dimensions and jet shape of Part. 19

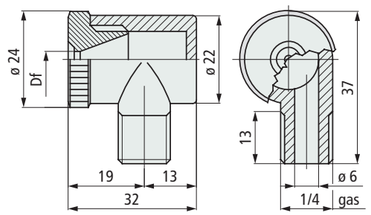


Bore dia. Df mm	outlet angle a	Jet dia. mm	distance h mm
1,5	18	160	500
2,5	22	200	500
5	60	600	500

Tests performed at 2 bar pressure.

Nozzle conical shape

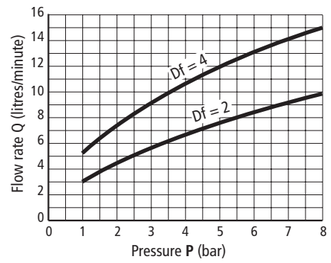
Part. 19



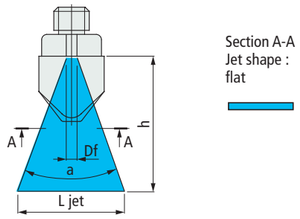
Part.	Bore dia. Df mm	Code
19	1,5	51450*
	2,5	51460
	5	51470*

- Use : washing equipment.
- Material : polyamide PA (black).
- Max operating temperature in contact with hot water : 70 C.
- Packaging : 100 pieces.

• Capacity diagram of Part. 18



• Dimensions and jet shape of Part. 18

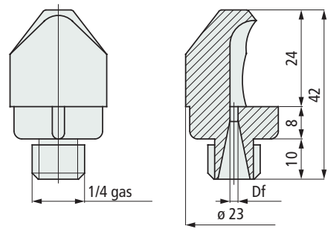


Bore dia. Df mm	outlet angle a	Jet width L mm	distance h mm
2	28	250	500
4	18	160	500

Tests performed at 2 bar pressure.

Nozzle shell shape

Part. 18



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.

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

Calculation of thermal expansion

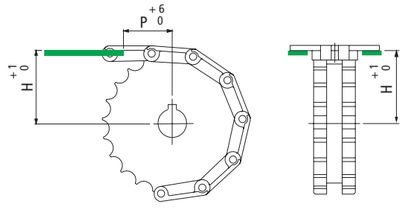
$$Lt = L0 \bullet [\, 1 + a \bullet (T - 20°C) \,]$$

Lt = final lenght (mm.)
L0 = initial lenght (mm.)
a = coefficient of linear expansion.
T = operating temperature (°C).
20 °C = ambient temperature.

Example :
aguide having initial length L0 = 1000 mm, coefficient of linear expansion $2X10^{-4}$, and an operating temperature of 70 °C, expands by :

$$Lt = 1000 \text{ mm} \bullet [\, 1 + 0{,}0002 \bullet (70 °C - 20 °C) \,] = 1010 \text{ mm}$$

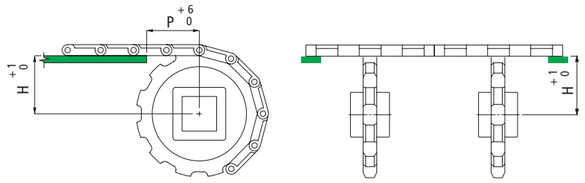
Position of chain guide profiles for TableTop® chains



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

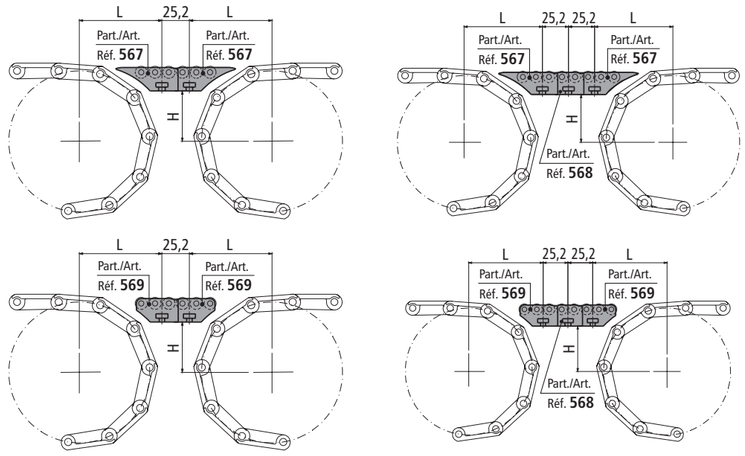


Chain	H mm	P mm
1505 - 1506	(Dp:2) - 4,95	25
2100	(Dp:2) - 4,37	25
4705 - 4706 - 4707 - 4705 Vacuum - 4803 - 5705 - 5706	(Dp:2) - 6,35	38
4812	(Dp:2) - 5,2	38
4809	(Dp:2) - 7,9	57
5935 - 5936 - 5935 Vacuum - 8505 - 8506	(Dp:2) - 4,35	19
5996 - 5997 - 5998	(Dp:2) - 9,1	57
6390 - 6391 - 6392	(Dp:2) - 7,0	50
7705 - 7706	(Dp:2) - 6,35	25
7956	(Dp:2) - 6,35	32

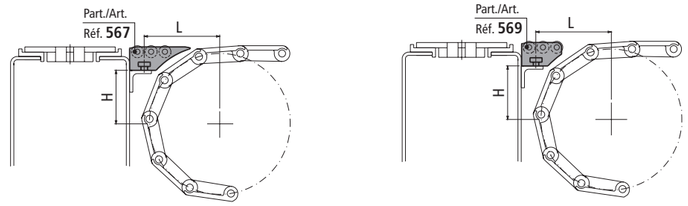
Dp = primitive diameter of drive sprocket - mm.

Position of transfer modules Part. 567-568-569

• **Head to tail transfer**



• **90° transfr**



H, L dimensions for TableTop® chains

Chain	Z 15 H	Z 15 L	Z 17 H	Z 17 L	Z 19 H	Z 19 L	Z 21 H	Z 21 L	Z 23 H	Z 23 L	Z 25 H	Z 25 L	Z 27 H	Z 27 L	Z 29 H	Z 29 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 H	Z 9 L	Z 10 H	Z 10 L	Z 11 H	Z 11 L	Z 12 H	Z 12 L	Z 13 H	Z 13 L	Z 14 H	Z 14 L	Z 15 H	Z 15 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	–	–	–	–	–	–

H, L dimensions for MatTop® chains

Chain	Z 12 H	Z 12 L	Z 16 H	Z 16 L	Z 21 H	Z 21 L	Z 23 H	Z 23 L	Z 24 H	Z 24 L	Z 25 H	Z 25 L	Z 27 H	Z 27 L	Z 32 H	Z 32 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	–	–

Chain	Z 7 H	Z 7 L	Z 8 H	Z 8 L	Z 9 H	Z 9 L	Z 10 H	Z 10 L	Z 11 H	Z 11 L	Z 12 H	Z 12 L	Z 13 H	Z 13 L	Z 19 H	Z 19 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 H	Z 10 L	Z 16 H	Z 16 L	Z 18 H	Z 18 L	Z 21 H	Z 21 L	Z 24 H	Z 24 L	Z 25 H	Z 25 L	Z 31 H	Z 31 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	–	–	–	–	–	–

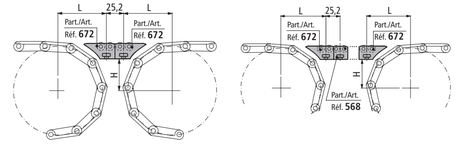
H, L dimensions for MCC chains

Chain	Z 28 H	Z 28 L
500	38,6	66,1
505	40,6	66,5

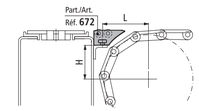
Chain	Z 10 H	Z 10 L	Z 12 H	Z 12 L	Z 13 H	Z 13 L	Z 15 H	Z 15 L	Z 16 H	Z 16 L	Z 18 H	Z 18 L	Z 20 H	Z 20 L	Z 21 H	Z 21 L
1000	–	–	31,0	64,6	–	–	–	–	47,0	67,8	55,0	69,2	63,1	70,6	–	–
1005	–	–	–	–	–	–	–	–	–	–	57,0	69,6	–	–	69,1	73,9
1050	–	–	–	–	–	–	–	–	54,8	69,2	62,8	71,5	–	–	–	–
1055	–	–	–	–	–	–	–	–	58,8	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° transfr**



H, L dimensions for TableTop® chains

Chain	Z 15 H	Z 15 L	Z 17 H	Z 17 L	Z 19 H	Z 19 L	Z 21 H	Z 21 L	Z 23 H	Z 23 L	Z 25 H	Z 25 L	Z 27 H	Z 27 L	Z 29 H	Z 29 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 H	Z 9 L	Z 10 H	Z 10 L	Z 11 H	Z 11 L	Z 12 H	Z 12 L	Z 13 H	Z 13 L	Z 14 H	Z 14 L	Z 15 H	Z 15 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	–	–	–	–	–	–	

H, L dimensions for MatTop® chains

Chain	Z 12 H	Z 12 L	Z 16 H	Z 16 L	Z 21 H	Z 21 L	Z 23 H	Z 23 L	Z 24 H	Z 24 L	Z 25 H	Z 25 L	Z 27 H	Z 27 L	Z 32 H	Z 32 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	–	–

Chain	Z 7 H	Z 7 L	Z 8 H	Z 8 L	Z 9 H	Z 9 L	Z 10 H	Z 10 L	Z 11 H	Z 11 L	Z 12 H	Z 12 L	Z 13 H	Z 13 L	Z 19 H	Z 19 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	–	–	–	–	–	–	–	–

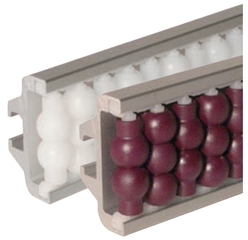
Chain	Z 10 H	Z 10 L	Z 16 H	Z 16 L	Z 18 H	Z 18 L	Z 21 H	Z 21 L	Z 24 H	Z 24 L	Z 25 H	Z 25 L	Z 31 H	Z 31 L	
5935 - 5936 - 8505 - 8506	13,0	52,0	–	–	–	–	–	–	55,6	66,6	58,6	67,9	76,9	75,1	
7705 - 7706	–	–	49,0	63,8	57,0	67,3	69,1	72,1	–	–	–	–	–	–	

H, L dimensions for MCC chains

Chain	Z 28 H	Z 28 L
500	38,6	58,6
505	40,6	59,0

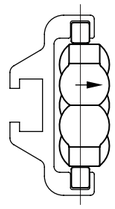
Chain	Z 10 H	Z 10 L	Z 12 H	Z 12 L	Z 13 H	Z 13 L	Z 15 H	Z 15 L	Z 16 H	Z 16 L	Z 18 H	Z 18 L	Z 20 H	Z 20 L	Z 21 H	Z 21 L
1000	–	–	31,0	56,8	–	–	–	–	47,0	62,9	55,0	66,4	63,1	69,8	–	–
1005	–	–	–	–	–	–	–	–	–	–	57,0	67,3	–	–	69,1	72,1
1050	–	–	–	–	–	–	–	–	54,8	66,3	62,8	69,7	–	–	–	–
1055	–	–	–	–	–	–	–	–	58,8	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.

YES



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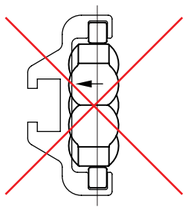
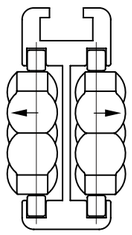


YES



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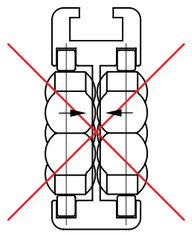
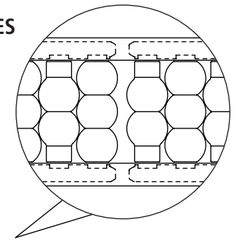
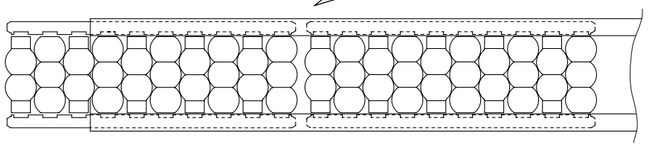


During the insertion of modules maintain the coupling 3 rollers / 2 rollers.

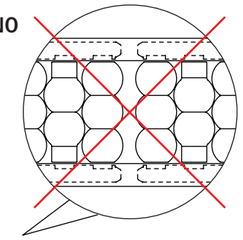
YES



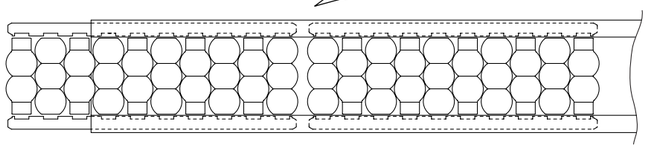
Direction of insertion



NO

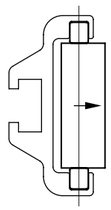


Direction of insertion



The most protruding side must be placed outside.

YES



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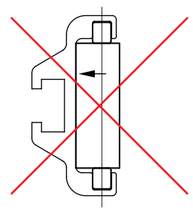
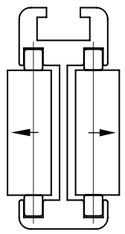


YES



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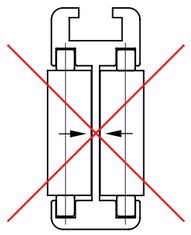
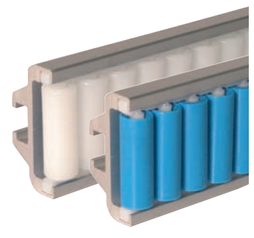
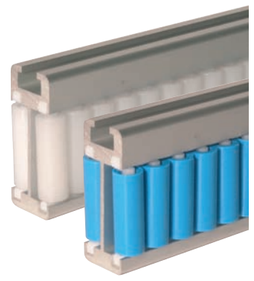


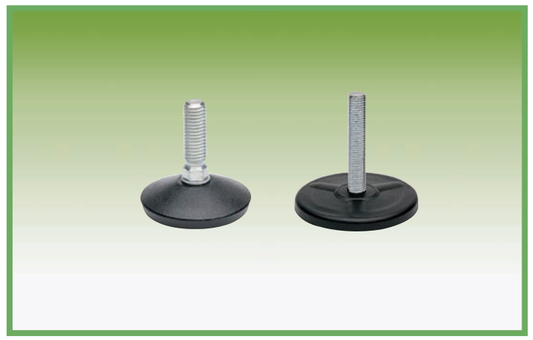
Assembly of Part. 656 - 731 - 755 - 757





ARTICULATED FEET
in reinforced polyamide
Page R09-R33

FIXED FEET
in reinforced polyamide and reinforced rubber
Page R34-R39

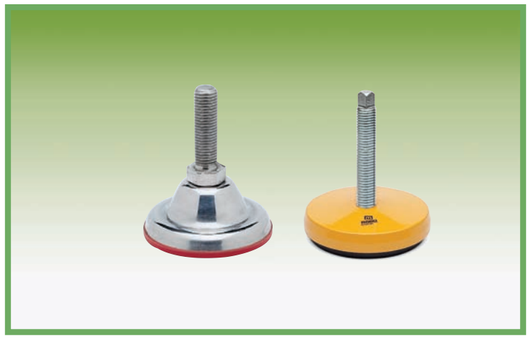


ARTICULATED FEET GRIPPER
in reinforced polypropylene and stainless steel
Page R40-R45

ARTICULATED FEET
in steel
Page R46-R51

Supporting and Levelling Elements Contents
marbett®

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 - 98 R

page R12-R13

ø 60 • Max. load 12000 N.

Part. 94 - 94 R

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 -132 R

page R18-R19

ø 100 • Max. load 13000 N.

Part. 133 -133 R

page R20-R21

ø 100 • Prefitting for fixing • Max. load 13000 N.

Part. 479 - 479 R

page R22-R23

ø 110 • Prefitting for fixing • Max. load 20000 N.

Part. 292 - 292 R

page R24-R25

ø 120 • Max. load 16000 N.

Part. 170 - 170 R

page R26-R27

ø 124 • Max. load 25000 N.

Part. 171 - 171 R

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

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.

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 AISI 303

- Material No. 1.4305
- 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: 94 HB.

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: 94 HB.

Anti-slip Materials

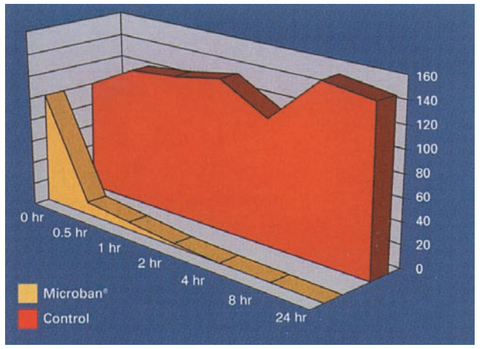
NBR rubber

- Operating temperature:
  in air (- 35°C to + 100°C)
  in hot water (+ 80°C)
- Colour: black.
- Inflammability: 94 HB

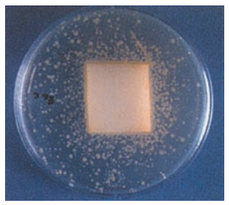
Antibacterial Protection

Microban® antibacterial protection

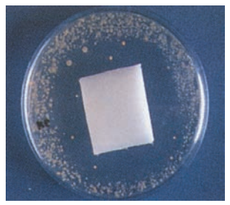
- Articulated Feet Gripper footplates Part.622-623-626-627-628-629, are supplied with Microban® antibacterial protection.
- By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.
- Indipendent 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 Commitee 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 untreaded plastic.



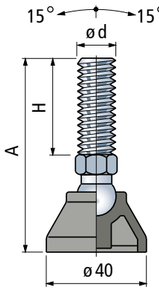
Without protection, growth of bacteria on and around the product.



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

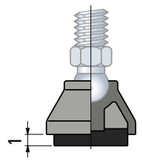
ø d	A (mm)	H (mm)	Spindle type Ø12,8	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303						
M 10	105	71	2a	12	**269/625002**	
M 12	100	69	2a	12	**269/625012**	
	165	132	2a	12	**269/625022**	10000
M 14	100	68	2a	13	**269/625032**	
M 16	105	72	2a	15	**269/625042**	
	165	132	2a	15	**269/625052**	
Spindle in zinc plated steel						
M 8	70	40	2a	12	**269/625062**	
M 10	65	33	2a	12	**269/625072**	
	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**	10000
	130	96	2a	12	**269/625122**	
M 14	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.



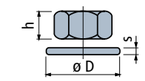
Accessories

Anti-slip



- Code : **630002.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 48 pieces.

Nut + Washer



	Code Stainless steel AISI 304	Code Zinc plated steel	h mm	mm	ø 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

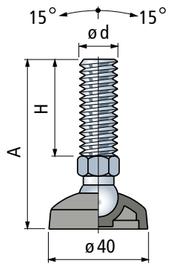
Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16).

ø 40

Articulated Feet
in reinforced polyamide

marbett®

Part. 552

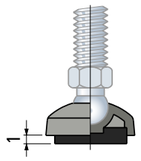


ø d	A (mm)	H (mm)	Spindle type	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303						
M 10	95	71	2a	12	**552/625502**	5000
M 12	90	69	2a	12	**552/625512**	
	155	132	2a	12	**552/625522**	
M 14	90	68	2a	13	**552/625532**	
M 16	95	72	2a	15	**552/625542**	
	155	132	2a	15	**552/625552**	
Spindle in zinc plated steel						
M 8	60	40	2a	12	**552/625562**	5000
M 10	55	33	2a	12	**552/625572**	
	95	71	2a	12	**552/625582**	
	140	118	2a	12	**552/625592**	
M 12	70	48	2a	12	**552/625602**	
	90	69	2a	12	**552/625612**	
	120	96	2a	12	**552/625622**	
M 14	90	68	2a	13	**552/625632**	
M 16	70	47	2a	15	**552/625642**•	
	90	67	2a	15	**552/625652**	
	190	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.

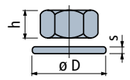
Accessories

Anti-slip



- Code : **630002.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 48 pieces.

Nut + Washer



	Code Stainless steel AISI 304	Code Zinc plated steel	h mm	mm	øD 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

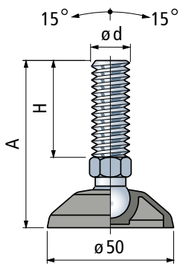
Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16).

marbett®

Articulated Feet
in reinforced polyamide

ø 50

Part. 173

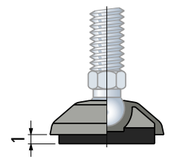


ø d	A (mm)	H (mm)	Spindle type	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303						
M 10	95	71	2a	12	**173/625252**	10000
M 12	90	69	2a	12	**173/625262**	
	155	132	2a	12	**173/625272**	
M 14	90	68	2a	13	**173/625282**	
M 16	95	72	2a	15	**173/625292**	
	155	132	2a	15	**173/625302**	
Spindle in zinc plated steel						
M 8	60	40	2a	12	**173/625312**	10000
M 10	55	33	2a	12	**173/625322**	
	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**	
	120	96	2a	12	**173/625372**	
M 14	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.

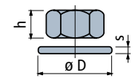
Accessories

Anti-slip



- Code : **630012.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



	Code Stainless steel AISI 304	Code Zinc plated steel	h mm	mm	øD 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

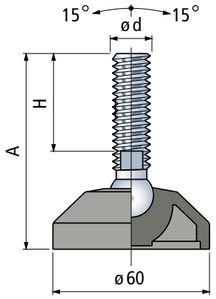
Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16).

ø 60

Articulated Feet
in reinforced polyamide

marbett®

Part. 98

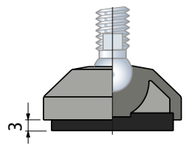


	ø d	A (mm)	H (mm)	Spindle types Ø14,2	Ø14,2	Ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303									
M 14	110	76	1a	-	-	11		**98/626002**	
M 16	100	64	1a	-	-	13		**98/626012**	
	115	81	1a	-	-	13		**98/626022**	
	160	124	1a	-	-	13		**98/626032**	10000
	185	151	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**	
M 16	80	48	-	2b	-	16		**98/685701**	
	95	61	1a	-	-	13		**98/626102**	
	100	68	-	2b	-	16		**98/674171**	
	125	89	-	2b	-	16		**98/685741**	
	130	96	1a	-	-	13		**98/626112**	
	150	116	1a	-	-	13		**98/626122**	
	160	124	-	2b	-	16		**98/674191**	
	165	130	-	2b	-	16		**98/685761**	10000
	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**	
M 20	120	69	-	-	3	30		**98/51540**•	6000
	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.

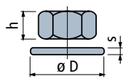
Accessories

Anti-slip



- Code : **630022.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



	Code Stainless steel AISI 304	Code Zinc plated steel	h mm	mm	øD mm	s mm
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.

marbett®

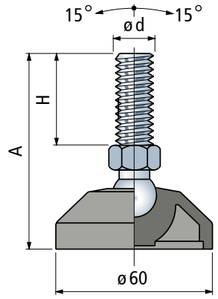
Articulated Feet
in reinforced polyamide

ø 60

Part. 98 R

Reinforced version

Same dimensions as Part. 98, it differs in its higher load capacity.

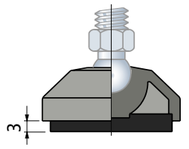


	ø d	A (mm)	H (mm)	Spindle types Ø24,5	Ø24,5	Ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303									
M 16	115	74	-	6b	-	24		**98/628782**	
	150	109	-	6b	-	24		**98/628792**	
	185	144	-	6b	-	24		**98/628802**	
	200	159	-	6b	-	24		**98/628812**	
M 20	120	74	1b	-	-	16		**98/53171**	12000
	185	139	1b	-	-	16		**98/53161**	
	250	204	1b	-	-	16		**98/685641**	
M 24	120	79	-	6b	-	24		**98/628862**	
	220	179	-	6b	-	24		**98/628872**	
	255	216	1b	-	-	19		**98/61634**	
Spindle in stainless steel AISI 303 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**	12000
	110	67	-	-	6	24		**98/638162**	
	120	75	-	-	6	24		**98/673831**•	
	150	103	-	-	6	24		**98/673851**	
	185	139	-	-	6	24		**98/673871**	
	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**	12000
	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**	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.

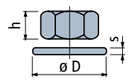
Accessories

Anti-slip



- Code : **630022.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces

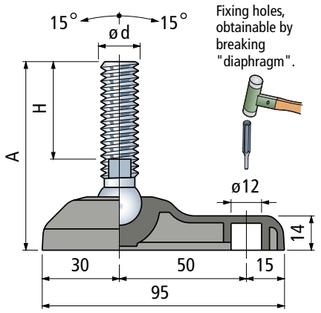
Nut + Washer



	Code Stainless steel AISI 304	Code Zinc plated steel	h mm	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. 94

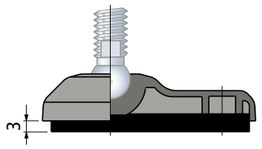


	ø d	A (mm)	H (mm)	Spindle types Ø14,2	Ø14,2	Ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303									
M 14	110	76	1a	-	-	11		**94/626192**	
M 16	100	64	1a	-	-	13		**94/626202**	
	115	81	1a	-	-	13		**94/626212**	
	160	124	1a	-	-	13		**94/626222**	10000
	185	151	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**	
M 16	80	48	-	2b	-	16		**94/690541**	
	95	61	1a	-	-	13		**94/626292**	
	100	68	-	2b	-	16		**94/690581**	
	125	89	-	2b	-	16		**94/690601**	
	130	96	1a	-	-	13		**94/626302**	
	150	116	1a	-	-	13		**94/626312**	
	160	124	-	2b	-	16		**94/690641**	
	165	130	-	2b	-	16		**94/690661**	10000
	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**	
	250	214	1a	-	-	16		**94/626352**	
M 24	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**	
M 20	120	69	-	-	3	30		**94/690441**•	6000
	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.

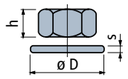
Accessories

Anti-slip



- Code : **630032.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



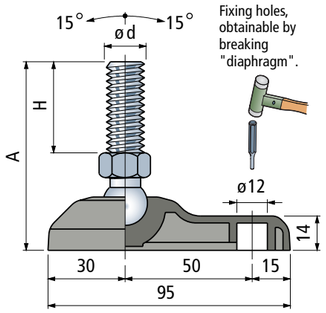
	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
M14	**630202**	**630132**	11	22	28	2,5
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4

Packaging : 8 pieces.

Part. 94 R

Reinforced version

Same dimensions as Part. 94, it differs in its higher load capacity.

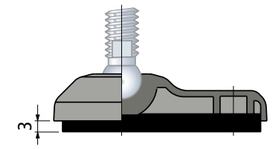


	ø d	A (mm)	H (mm)	Spindle types Ø24,5	Ø24,5	Ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303									
M 16	115	74	-	6b	-	24		**94/626872**	
	150	109	-	6b	-	24		**94/626882**	
	185	144	-	6b	-	24		**94/626892**	
	200	159	-	6b	-	24		**94/626902**	
M 20	120	74	1b	-	-	16		**94/690001**	12000
	185	139	1b	-	-	16		**94/690081**	
	250	204	1b	-	-	16		**94/690141**	
M 24	120	79	-	6b	-	24		**94/626952**	
	220	179	-	6b	-	24		**94/626962**	
	255	216	1b	-	-	19		**94/690301**	
Spindle in stainless steel AISI 303 with ball in reinforced polyamide (black)									
M 12	100	53	-	-	6	19		**94/689561**	
	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**	12000
	110	67	-	-	6	24		**94/689781**	
	120	75	-	-	6	24		**94/689801**•	
	150	103	-	-	6	24		**94/689821**	
	185	139	-	-	6	24		**94/689901**	
	225	181	-	-	6	24		**94/689981**	
M 20	195	149	-	-	6	24		**94/690121**•	
Spindle in zinc plated steel									
M 16	95	54	-	6b	-	24		**94/626912**	
	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**	12000
	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)									
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.

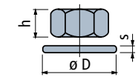
Accessories

Anti-slip



- Code : **630032.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

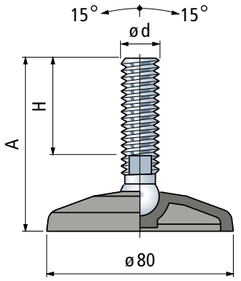
Nut + Washer



	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	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. 172

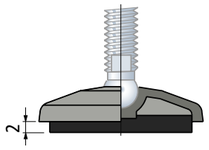


ø d	A (mm)	H (mm)	Spindle types Ø14,2	Ø12,8	Ø14,2	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303								
M 10	95	71	-	2a	-	12	**172/65666**	9000
M 12	95	69	-	2a	-	12	**172/65566**	
	155	132	-	2a	-	12	**172/674461**	
M 14	95	68	-	2a	-	12	**172/626802**	
	105	76	1a	-	-	11	**172/626382**	10000
M 16	95	64	1a		-	13	**172/626392**	
	100	72	-	2a	-	15	**172/626812**	9000
	110	81	1a	-	-	13	**172/626402**	10000
	155	124	1a	-	-	13	**172/626412**	
	160	132	-	2a	-	15	**172/626822**	9000
	180	151	1a	-	-	13	**172/626422**	10000
M 20	115	84	1a	-	-	16	**172/626432**	
	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
M 10	60	33	-	2a	-	12	**172/60804**	
	95	71	-	2a	-	12	**172/60824**	
	145	118	-	2a	-	12	**172/62711**	
M 12	70	48	-	2a	-	12	**172/60834**	
	95	69	-	2a	-	12	**172/54711**	
	120	96	-	2a	-	12	**172/58391**	
M 14	85	56	1a	-	-	11	**172/626472**	10000
	95	68	-	2a	-	13	**172/626762**	9000
M 16	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**	10000
	115	89	-	-	2b	16	**172/685901**	
	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**	9000
	230	201	-	-	2b	16	**172/63492**	10000
M 20	130	100	1a	-	-	16	**172/626522**	
	180	150	1a	-	-	16	**172/626532**	
	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.
- Fmax. = maximum applicable load in static conditions.

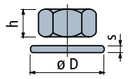
Accessories

Anti-slip



- Code : **630042.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer

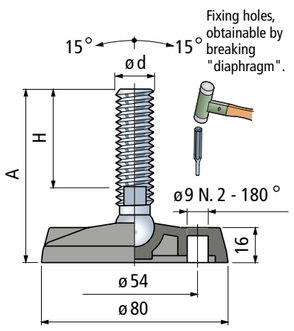


Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
M8	-	**630102**	6,5	13	17	1,6
M10	**630182**	**630112**	8	17	21	2
M12	**630192**	**630122**	10	19	24	2,5
M14	**630202**	**630132**	11	22	28	2,5
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4

Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16, M20, M24).

Part. 323

Same dimensions as Part. 172, it differs in its predisposition to fixing.

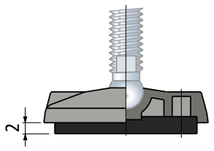


ø d	A (mm)	H (mm)	Spindle types Ø14,2	Ø12,8	Ø14,2	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303								
M 10	95	71	-	2a	-	12	**323/65686N**	9000
M 12	95	69	-	2a	-	12	**323/65596N**	
	155	132	-	2a	-	12	**323/679061N**	
M 14	95	68	-	2a	-	12	**323/626842**	
	105	76	1a	-	-	11	**323/626572**	10000
M 16	95	64	1a		-	13	**323/626582**	
	100	72	-	2a	-	15	**323/626852**	9000
	110	81	1a	-	-	13	**323/626592**	10000
	155	124	1a	-	-	13	**323/626602**	
	160	132	-	2a	-	15	**323/626862**	9000
	180	151	1a	-	-	13	**323/626612**	10000
M 20	115	84	1a	-	-	16	**323/626622**	
	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
M 10	60	33	-	2a	-	12	**323/61384N**	
	95	71	-	2a	-	12	**323/60464N**	
	145	118	-	2a	-	12	**323/61404N**	
M 12	70	48	-	2a	-	12	**323/61414N**	
	95	69	-	2a	-	12	**323/62313N**	
	120	96	-	2a	-	12	**323/678941N**	
M 14	85	56	1a	-	-	11	**323/626662**	10000
	95	68	-	2a	-	13	**323/626832**	9000
M 16	75	47	-	2a	-	15	**323/638022**•	
	75	48	-	-	2b	16	**323/685981N**	10000
	90	61	1a	-	-	13	**323/626672**	
	95	67	-	2a	-	15	**323/638032**	9000
	95	68	-	-	2b	16	**323/62353N**	10000
	115	89	-	-	2b	16	**323/686001N**	
	125	96	1a	-	-	13	**323/626682**	
	145	116	1a	-	-	13	**323/626692**	
	150	124	-	-	2b	16	**323/69935N**	
	155	130	-	-	2b	16	**323/686021N**	
	180	151	1a	-	-	13	**323/626702**	
	190	165	-	-	2b	16	**323/62383N**	
	195	167	-	2a	-	15	**323/638042**	9000
	230	201	-	-	2b	16	**323/679021N**	10000
M 20	130	100	1a	-	-	16	**323/626712**	
	180	150	1a	-	-	16	**323/626722**	
	245	214	1a	-	-	16	**323/626732**	
M 24	115	81	1a	-	-	19	**323/626742**	
	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.

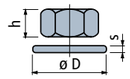
Accessories

Anti-slip



- Code : **630042.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

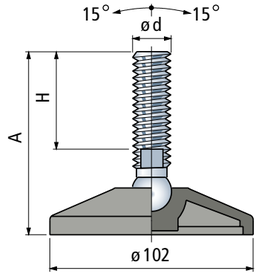
Nut + Washer



Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD 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).

Part. 132

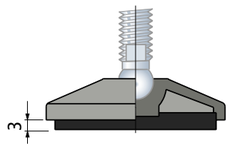


	ø d	A (mm)	H (mm)	Spindle types Ø14,2	Ø14,2	Ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303									
M 14	110	76	1a	-	-	11		**132/633002**	
M 16	100	64	1a	-	-	13		**132/633012**	
	115	81	1a	-	-	13		**132/633022**	
	160	124	1a	-	-	13		**132/633032**	12000
	185	151	1a	-	-	13		**132/633042**	
M 20	120	84	1a	-	-	16		**132/633052**	
	185	149	1a	-	-	16		**132/633062**	
M 24	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**	
M 16	80	48	-	2b	-	16		**132/686141**	
	95	61	1a	-	-	13		**132/633102**	
	100	68	-	2b	-	16		**132/675081**	
	125	89	-	2b	-	16		**132/686181**	
	130	96	1a	-	-	13		**132/633112**	
	150	116	1a	-	-	13		**132/633122**	
	160	124	-	2b	-	16		**132/675101**	
	165	130	-	2b	-	16		**132/686201**	12000
	185	151	1a	-	-	13		**132/633132**	
	200	165	-	2b	-	16		**132/675121**	
	235	201	-	2b	-	16		**132/675141**	
M 20	130	100	1a	-	-	16		**132/633142**	
	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**	
M 20	120	69	-	-	3	30		**132/627092**•	6000
	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.

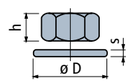
Accessories

Anti-slip



- Code : **630052.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



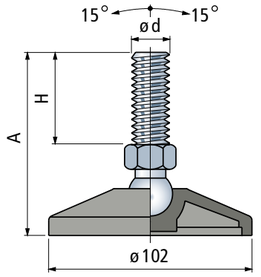
	Code Stainless steel AISI 304	Zinc plated steel	h mm		øD mm	s mm
M14	**630202**	**630132**	11	22	28	2,5
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4

Packaging : 8 pieces.

Part. 132 R

Reinforced version

Same dimensions as Part. 132, it differs in its higher load capacity.

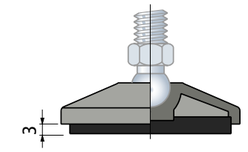


	ø d	A (mm)	H (mm)	Spindle types Ø24,5	Ø24,5	Ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303									
M 16	115	74	-	6b	-	24		**132/627002**	
	150	109	-	6b	-	24		**132/627012**	
	185	144	-	6b	-	24		**132/627022**	
	200	159	-	6b	-	24		**132/627032**	
M 20	120	74	1b	-	-	16		**132/627042**	13000
	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 AISI 303 with ball in reinforced polyamide (black)									
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**	13000
	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									
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**	13000
	185	139	1b	-	-	16		**132/627172**	
	250	204	1b	-	-	16		**132/627182**	
M 24	120	79	-	6b	-	24		**132/627192**•	
	185	144	-	6b	-	24		**132/627202**	
	325	288	1b	-	-	19		**132/65243***	
Spindle in zinc plated steel with ball in reinforced polyamide (black)									
M 12	110	64	-	-	6	19		**132/674521**	13000

• = 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.

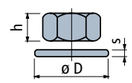
Accessories

Anti-slip



- Code : **630052.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

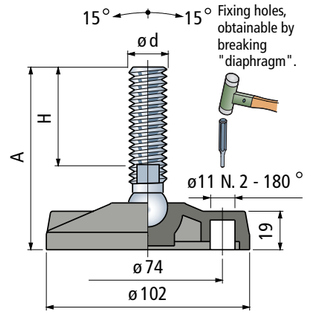
Nut + Washer



	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	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

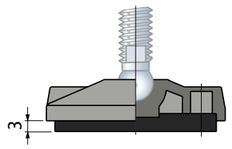


	ø d	A (mm)	H (mm)	Spindle types ø14,2	ø14,2	ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303									
M 14	110	76	1a	-	-	11		**133/633192**	
M 16	100	64	1a	-	-	13		**133/633202**	
	115	81	1a	-	-	13		**133/633212**	
	160	124	1a	-	-	13		**133/633222**	12000
	185	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**	
M 16	80	48	-	2b	-	16		**133/686381N**	
	95	61	1a	-	-	13		**133/633292**	
	100	68	-	2b	-	16		**133/679711N**	
	125	89	-	2b	-	16		**133/686421N**	
	130	96	1a	-	-	13		**133/633302**	
	150	116	1a	-	-	13		**133/633312**	
	160	124	-	2b	-	16		**133/679731N**	
	165	130	-	2b	-	16		**133/686441N**	12000
	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**	
	250	214	1a	-	-	16		**133/633352**	
M 24	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**	
M 20	120	69	-	-	3	30		**133/627302•**	6000
	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.

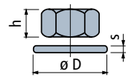
Accessories

Anti-slip



- Code : **630052.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



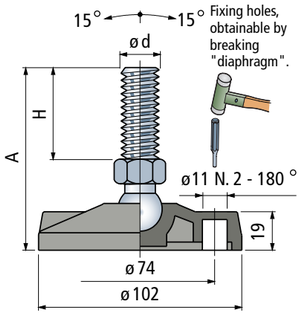
	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm		s mm
M14	**630202**	**630132**	11	22	28	2,5
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4

Packaging : 8 pieces.

Part. 133 R

Reinforced version

Same dimensions as Part. 133, it differs in its higher load capacity.

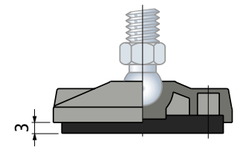


	ø d	A (mm)	H (mm)	Spindle types ø24,5	ø24,5	ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303									
M 16	115	74	-	6b	-	24		**133/ 627212**	
	150	109	-	6b	-	24		**133/627222**	
	185	144	-	6b	-	24		**133/627232**	
	200	159	-	6b	-	24		**133/627242**	
M 20	120	74	1b	-	-	16		**133/627252**	13000
	185	139	1b	-	-	16		**133/627262**	
	250	204	1b	-	-	16		**133/686321N**	
M 24	120	79	-	6b	-	24		**133/627272**	
	220	179	-	6b	-	24		**133/627282**	
	255	216	1b	-	-	19		**133/61994N**	
Spindle in stainless steel AISI 303 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**	13000
	115	67	-	-	6	24		**133/638142**	
	120	75	-	-	6	24		**133/679371N•**	
	150	103	-	-	6	24		**133/679391N**	
	185	139	-	-	6	24		**133/69706N**	
	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**	13000
	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**	13000

• = 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.

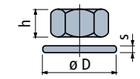
Accessories

Anti-slip



- Code : **630052.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

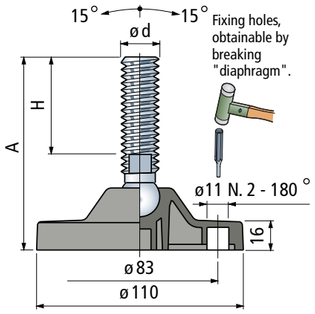
Nut + Washer



	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	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. 479

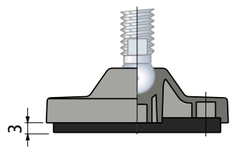


	ø d	A (mm)	H (mm)	Spindle types ø14,2	ø14,2	ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303									
M 14	120	76	1a	-	-	11		**479/633382**	15000
M 16	110	64	1a	-	-	13		**479/633392**	
	125	81	1a	-	-	13		**479/633402**	
	170	124	1a	-	-	13		**479/633412**	
	195	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
M 16	90	48	-	2b	-	16		**479/686621N**	
	105	61	1a	-	-	13		**479/633482**	
	110	68	-	2b	-	16		**479/675811N**	
	135	89	-	2b	-	16		**479/686661N**	
	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**	
	260	214	1a	-	-	16		**479/633542**	
M 24	130	81	1a	-	-	19		**479/633552**	
	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.

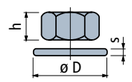
Accessories

Anti-slip



- Code : **630062.**
- Material : PVC rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 16 pieces.

Nut + Washer



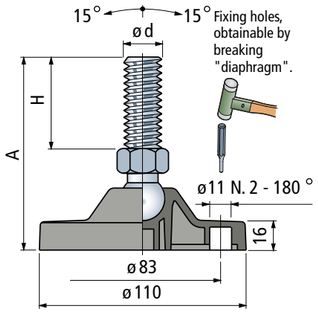
	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
M14	**630202**	**630132**	11	22	28	2,5
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4

Packaging : 8 pieces.

Part. 479 R

Reinforced version

Same dimensions as Part. 479, it differs in its higher load capacity.

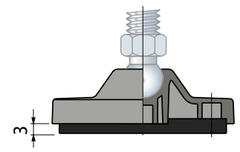


	ø d	A (mm)	H (mm)	Spindle types ø24,5	ø24,5	ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303									
M 16	125	74	-	6b	-	24		**479/627422**	20000
	160	109	-	6b	-	24		**479/627432**	
	195	144	-	6b	-	24		**479/627442**	
	210	159	-	6b	-	24		**479/627452**	
M 20	130	74	1b	-	-	16		**479/627462**	
	195	139	1b	-	-	16		**479/627472**	
	260	204	1b	-	-	16		**479/686561N**	
M 24	130	79	-	6b	-	24		**479/627482**	
	230	179	-	6b	-	24		**479/627492**	
	270	216	1b	-	-	19		**479/636861N**	
Spindle in stainless steel AISI 303 with ball in reinforced polyamide (black)									
M 12	110	53	-	-	6	19		**479/636181N**	20000
	160	103	-	-	6	19		**479/636201N**	
	205	149	-	-	6	19		**479/636221N**	
M 14	160	103	-	-	6	19		**479/636261N•**	
	205	149	-	-	6	19		**479/636271N•**	
M 16	110	53	-	-	6	24		**479/636331N**	
	125	67	-	-	6	24		**479/636371N**	
	130	75	-	-	6	24		**479/636391N•**	
	160	103	-	-	6	24		**479/636431N**	
	195	139	-	-	6	24		**479/636471N**	
	240	181	-	-	6	24		**479/675591N**	
M 20	205	149	-	-	6	24		**479/636741N•**	
Spindle in zinc plated steel									
M 16	105	54	-	6b	-	24		**479/627532**	20000
	140	89	-	6b	-	24		**479/627542**	
	170	119	-	6b	-	24		**479/627552**	
	205	154	-	6b	-	24		**479/627562**	
M 20	130	74	1b	-	-	16		**479/627572**	
	165	106	1b	-	-	16		**479/627582**	
	195	139	1b	-	-	16		**479/627592**	
	260	204	1b	-	-	16		**479/627602**	
M 24	130	79	-	6b	-	24		**479/627612•**	
	195	144	-	6b	-	24		**479/627622**	
	340	288	1b	-	-	19		**479/675501N**	
Spindle in zinc plated steel with ball in reinforced polyamide (black)									
M 12	120	64	-	-	6	19		**479/675341N**	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.

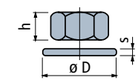
Accessories

Anti-slip



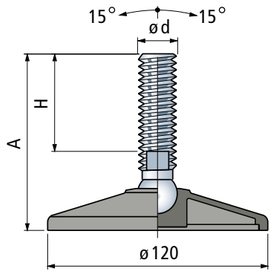
- Code : **630062.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 16 pieces.

Nut + Washer



	Code Stainless steel AISI 304	Zinc plated steel	h mm	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

Part. 292

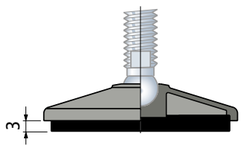


ø d	A (mm)	H (mm)	Spindle types Ø14,2	Ø14,2	Ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303								
M 14	110	76	1a	-	-	11	**292/633572**	15000
M 16	100	64	1a	-	-	13	**292/633582**	
	115	81	1a	-	-	13	**292/633592**	
	160	124	1a	-	-	13	**292/633602**	
	185	151	1a	-	-	13	**292/633612**	
M 20	120	84	1a	-	-	16	**292/633622**	
	185	149	1a	-	-	16	**292/633632**	
M 24	185	146	1a	-	-	19	**292/633642**	
Spindle in nickel plated brass								
M 16	95	63	-	2b	-	16	**292/633652**	15000
Spindle in zinc plated steel								
M 14	90	56	1a	-	-	11	**292/633662**	15000
M 16	80	48	-	2b	-	16	**292/686861**	
	95	61	1a	-	-	13	**292/633672**	
	100	68	-	2b	-	16	**292/676701**	
	125	89	-	2b	-	16	**292/686901**	
	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**	
	200	165	-	2b	-	16	**292/676741**	
	235	201	-	2b	-	16	**292/676761**	
M 20	130	100	1a	-	-	16	**292/633712**	
	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								
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.

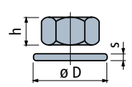
Accessories

Anti-slip



- Code : **630072.**
- Material : PVC rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



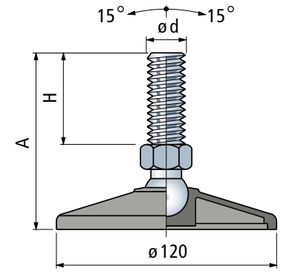
	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
M14	**630202**	**630132**	11	22	28	2,5
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4

Packaging : 8 pieces.

Part. 292 R

Reinforced version

Same dimensions as Part. 292, it differs in its higher load capacity.

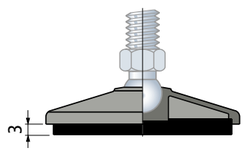


ø d	A (mm)	H (mm)	Spindle types Ø24,5	Ø24,5	Ø24,5	mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303								
M 16	115	74	-	6b	-	24	**292/ 627632**	16000
	150	109	-	6b	-	24	**292/627642**	
	185	144	-	6b	-	24	**292/627652**	
	200	159	-	6b	-	24	**292/627662**	
M 20	120	74	1b	-	-	16	**292/627672**	
	185	139	1b	-	-	16	**292/627682**	
	250	204	1b	-	-	16	**292/686801**	
M 24	120	79	-	6b	-	24	**292/627692**	
	220	179	-	6b	-	24	**292/627702**	
	260	216	1b	-	-	19	**292/62794**	
Spindle in stainless steel AISI 303 with ball in reinforced polyamide (black)								
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**•	
	195	149	-	-	6	19	**292/676311**•	
M 16	100	53	-	-	6	24	**292/676331**	
	115	67	-	-	6	24	**292/62654**	
	120	75	-	-	6	24	**292/676351**•	
	150	103	-	-	6	24	**292/676371**	
	185	139	-	-	6	24	**292/676391**	
	230	181	-	-	6	24	**292/676451**	
M 20	195	149	-	-	6	24	**292/676541**•	
Spindle in zinc plated steel								
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**	
	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**•	
	185	144	-	6b	-	24	**292/627832**	
	330	288	1b	-	-	19	**292/676191***	
Spindle in zinc plated steel with ball in reinforced polyamide (black)								
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.

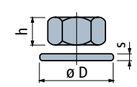
Accessories

Anti-slip



- Code : **630072.**
- Material : PVC rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

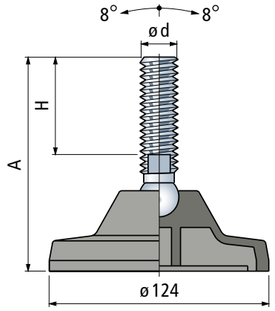
Nut + Washer



	Code Stainless steel AISI 304	Zinc plated steel	h mm	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. 170

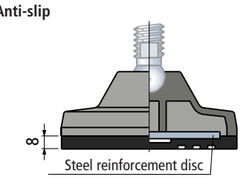


ø d	A (mm)	H (mm)	Spindle types: Ø14,2	Ø14,2	Ø24,5	mm	Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	Fmax N
Spindle in stainless steel AISI 303 (feet supplied without anti-slip)									
M 14	135	76	1a	-	-	11	**170/633762**	**170/633772**	
M 16	120	64	1a	-	-	13	**170/633782**	**170/633792**	
	140	81	1a	-	-	13	**170/633802**	**170/633812**	
	180	124	1a	-	-	13	**170/633822**	**170/633832**	10000 (PA FV)
	210	151	1a	-	-	13	**170/633842**	**170/633852**	
M 20	145	84	1a	-	-	16	**170/633862**	**170/633872**	5000 (PP FV)
	210	149	1a	-	-	16	**170/633882**	**170/633892**	
M 24	210	146	1a	-	-	19	**170/633902**	**170/633912**	
Spindle in nickel plated brass									
M 16	120	63	-	2b	-	16	**170/633922**	**170/633932**	
Spindle in zinc plated steel									
M 14	115	56	1a	-	-	11	**170/633942**	**170/633952**	
M 16	100	48	-	2b	-	16	**170/L6871810**	**170/L6872010**	
	120	61	1a	-	-	13	**170/633962**	**170/633972**	
	120	68	-	2b	-	16	**170/L6918900**	**170/L6917900**	
	145	89	-	2b	-	16	**170/L6872610**	**170/L6872810**	
	155	96	1a	-	-	13	**170/633982**	**170/633992**	
	175	116	1a	-	-	13	**170/634002**	**170/634012**	
	180	124	-	2b	-	16	**170/L6782510**	**170/L6782710**	10000 (PA FV)
	185	130	-	2b	-	16	**170/L6873010**	**170/L6873210**	
	210	151	1a	-	-	13	**170/634022**	**170/634032**	5000 (PP FV)
	220	165	-	2b	-	16	**170/L6922900**	**170/L6921900**	
	255	201	-	2b	-	16	**170/L6782910**	**170/L6783110**	
	155	100	1a	-	-	16	**170/634042**	**170/634052**	
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**	**170/634112**	
	210	146	1a	-	-	19	**170/634122**	**170/634132**	
Spindle in reinforced polyamid (black) with steel pin									
M 16	120	54	-	-	3	24	**170/627922**	**170/628262**	
M 20	140	69	-	-	3	30	**170/627932**•	**170/628272**•	6000
	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.

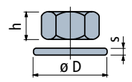
Accessories

Anti-slip



- Code with reinforcement disc : **630082**.
- Code without reinforcement disc : **630092**.
- Assembly : with screws for plate supplied loose.
- Material : NBR rubber (black), 80 Shore.
- Packaging : 8 pieces.

Nut + Washer

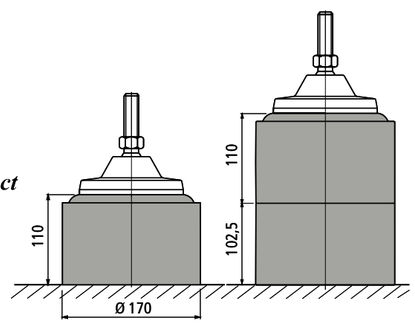


	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
M14	**630202**	**630132**	11	22	28	2,5
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4

Packaging : 8 pieces

Part. 726 - Spacer

New Product

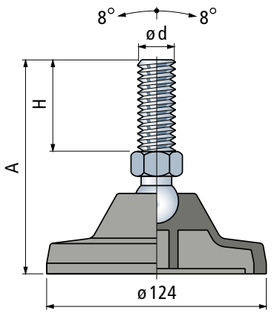


- Code : **726/688772**.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg:
- Packaging : 8 pieces.

Part. 170 R

Reinforced version

Same dimensions as Part. 170, it differs in its higher load capacity.

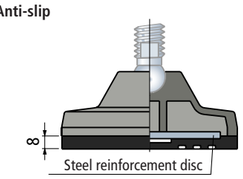


ø d	A (mm)	H (mm)	Spindle types: Ø24,5	Ø24,5	Ø24,5	mm	Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	Fmax N
Spindle in stainless steel AISI 303 (feet supplied without anti-slip)									
M 16	135	74	-	6b	-	24	**170/627842**	**170/628292**	
	170	109	-	6b	-	24	**170/627852**	**170/628302**	
	205	144	-	6b	-	24	**170/627862**	**170/628312**	
	220	159	-	6b	-	24	**170/627872**	**170/628322**	25000 (PA FV)
M 20	140	74	1b	-	-	16	**170/627882**	**170/628332**	
	205	139	1b	-	-	16	**170/627892**	**170/628342**	10000 (PP FV)
	270	204	1b	-	-	16	**170/687061**	**170/687081**	
M 24	140	79	-	6b	-	24	**170/627902**	**170/628352**	
	240	179	-	6b	-	24	**170/627912**	**170/628362**	
	280	216	1b	-	-	19	**170/52101**	**170/62474**	
Spindle in stainless steel AISI 303 with ball in reinforced polyamide (black)									
M 12	120	53	-	-	6	19	**170/L6772710**	**170/L6772910**	
	170	103	-	-	6	19	**170/L6773110**	**170/L6773310**	
	215	149	-	-	6	19	**170/L6773510**	**170/L6773710**	
M 14	170	103	-	-	6	19	**170/L6774310**•	**170/L6774510**•	
	215	149	-	-	6	19	**170/L6774710**•	**170/L6774910**•	
M 16	120	53	-	-	6	24	**170/L6775110**	**170/L6775310**	17000 (PA FV)
	135	67	-	-	6	24	**170/L6210400**	**170/L6231400**	
	145	75	-	-	6	24	**170/L6775510**•	**170/L6775710**•	10000 (PP FV)
	170	103	-	-	6	24	**170/L6775910**	**170/L6776110**	
	205	139	-	-	6	24	**170/L6776310**	**170/L6776510**	
	250	181	-	-	6	24	**170/L6777510**	**170/L6777710**	
M 20	215	149	-	-	6	24	**170/L6779410**•	**170/L6779610**•	
Spindle in zinc plated steel with ball in reinforced polyamide (black)									
M 12	130	64	-	-	6	19	**170/L6770010**	**170/L6770210**	
Spindle in zinc plated steel									
M 16	115	54	-	6b	-	24	**170/627952**	**170/628372**	
	150	89	-	6b	-	24	**170/627962**	**170/628382**	
	180	119	-	6b	-	24	**170/627972**	**170/628392**	
	215	154	-	6b	-	24	**170/627982**	**170/628402**	25000 (PA FV)
M 20	140	74	1b	-	-	16	**170/627992**	**170/628412**	
	175	106	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**	
	350	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 supplied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions.

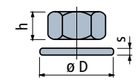
Accessories

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

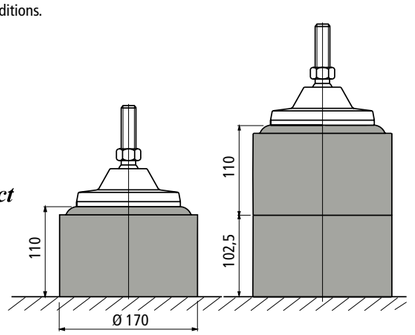


	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
M12	**630192**	**630122**	10	19	24	2,5
M14	**630202**	**630132**	11	22	28	2,5
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4

Packaging : 8 pieces

Part. 726 - Spacer

New Product



- Code : **726/688772**.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg:
- Packaging : 8 pieces.

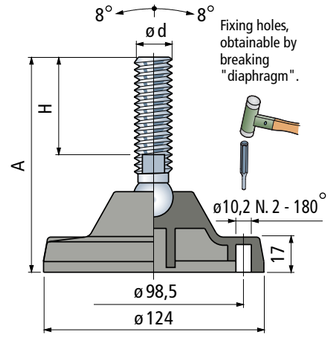
ø124

Articulated Feet
in reinforced polyamide and polypropylene

marbett®

Part. 171

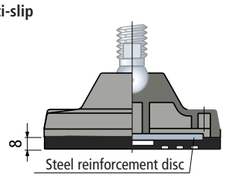
	ø d	A (mm)	H (mm)	Spindle types ø14,2	ø14,2	ø24,5	mm	Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	Fmax N
Spindle in stainless steel AISI 303								feet supplied without anti-slip		
M 14	135	76	1a	-	-		11	**171/634142**	**171/634152**	10000 (PA FV) 5000 (PP FV)
M 16	120	64	1a	-	-		13	**171/634162**	**171/634172**	
	140	81	1a	-	-		13	**171/634182**	**171/634192**	
	180	124	1a	-	-		13	**171/634202**	**171/634212**	
	210	151	1a	-	-		13	**171/634222**	**171/634232**	
M 20	145	84	1a	-	-		16	**171/634242**	**171/634252**	
	210	149	1a	-	-		16	**171/634262**	**171/634272**	
M 24	210	146	1a	-	-		19	**171/634282**	**171/634292**	
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**	10000 (PA FV) 5000 (PP FV)
M 16	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**	
	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**	6000
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.

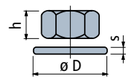
Accessories

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

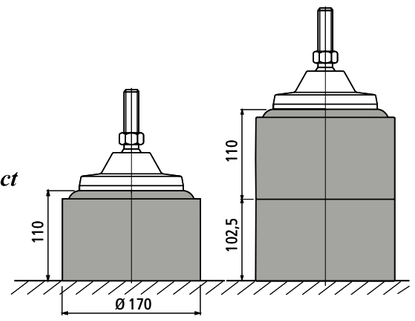


	Code Stainless steel AISI 304	Code Zinc plated steel	h mm	mm	øD mm	s mm
M14	**630202**	**630132**	11	22	28	2,5
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4

Packaging : 8 pieces.

Part. 726 - Spacer

New Product



- Code : **726/688772**.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg:
- Packaging : 8 pieces.

marbett®

Articulated Feet
in reinforced polyamide and polypropylene

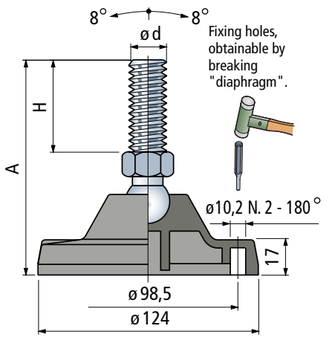
ø124

Part. 171 R

Reinforced version

	ø d	A (mm)	H (mm)	Spindle types ø24,5	ø24,5	ø24,5	mm	Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	Fmax N
Spindle in stainless steel AISI 303								feet supplied without anti-slip		
M 16	135	74	-	6b	-		24	**171/628052**	**171/628502**	25000 (PA FV) 10000 (PP FV)
	170	109	-	6b	-		24	**171/628062**	**171/628512**	
	205	144	-	6b	-		24	**171/628072**	**171/628522**	
	220	159	-	6b	-		24	**171/628082**	**171/628532**	
M 20	140	74	1b	-	-		16	**171/628092**	**171/628542**	
	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 AISI 303 with ball in reinforced polyamide (black)										
M 12	120	53	-	-	6		19	**171/L681271N**	**171/L681291N**	17000 (PA FV) 10000 (PP FV)
	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**	
	135	67	-	-	6		24	**171/L681591N**	**171/L681611N**	
	145	75	-	-	6		24	**171/L600111N•**	**171/L600071N•**	
	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**	25000 (PA FV) 10000 (PP FV)
	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**	
	175	106	1b	-	-		16	**171/628212**	**171/628632**	
	205	139	1b	-	-		16	**171/628222**	**171/628642**	
	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**	

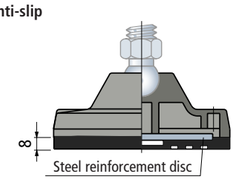
Same dimensions as Part. 171, it differs in its higher load capacity.



• = 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.

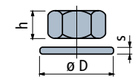
Accessories

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

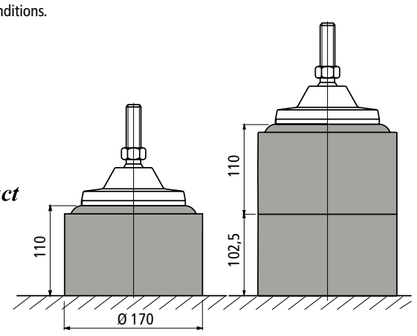


	Code Stainless steel AISI 304	Code Zinc plated steel	h mm	mm	øD mm	s mm
M12	**630192**	**630122**	10	19	24	2,5
M14	**630202**	**630132**	11	22	28	2,5
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4

Packaging : 8 pieces.

Part. 726 - Spacer

New Product



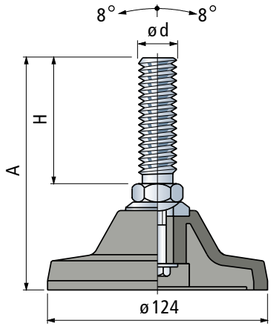
- Code : **726/688772**.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg:
- Packaging : 8 pieces.

ø124

Articulated Feet
in reinforced polyamide

marbett®

Part. 254

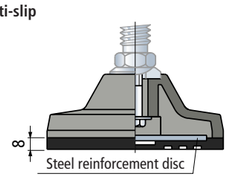


ø d	A (mm)	H (mm)	Spindle types		mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303							
M 16	175	118	-	12	22	**254/629092**	45000
	205	148	-	12	22	**254/629102**	
M 20	205	148	-	12	22	**254/629112**	
M 24	230	165	11	-	19	**254/678631**	
M 30	190	120	11	-	27	**254/629122**	
	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**	
	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 fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions.

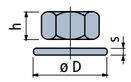
Accessories

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

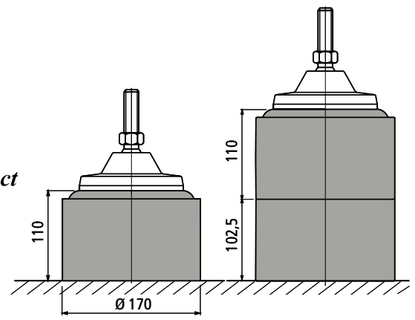


	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4
M30	**630242**	**630172**	24	46	56	4

Packaging : 8 pieces.

Part. 726 - Spacer

New Product



- Code : **726/688772**.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg:
- Packaging : 8 pieces.

marbett®

Articulated Feet
in reinforced polyamide

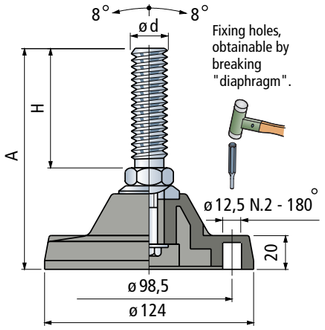
ø124

Part. 297

ø d	A (mm)	H (mm)	Spindle types		mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303							
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							
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**	

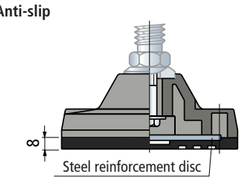
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 8 pieces.
- Anti-slip supplied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions

Same dimensions as Part. 254, it differs in its predisposition to fixing.



Accessories

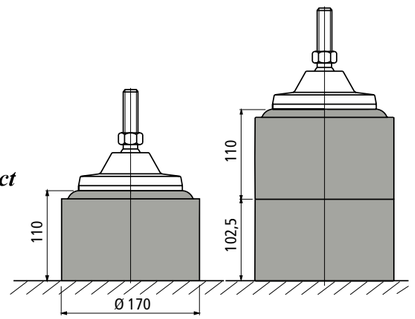
Anti-slip



- 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

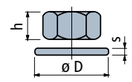
Part. 726 - Spacer

New Product



- Code : **726/688772**.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg:
- Packaging : 8 pieces.

Nut + Washer



	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
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

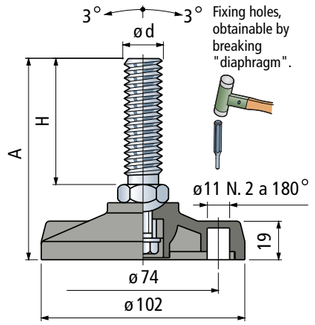
Packaging : 8 pieces.

ø100

Articulated Feet
in reinforced polyamide

marbett®

Part. 134

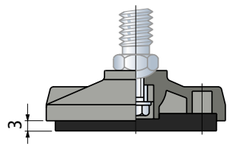


	ø d	A (mm)	H (mm)	Spindle types		mm	Code feet supplied without anti-slip	Fmax N
Spindle in stainless steel AISI 303								
M 16	155	118	-	12	22		**134/629002**	20000
	185	148	-	12	22		**134/629012**	
M 20	185	148	-	12	22		**134/629022**	
M 24	210	165	11	-	19		**134/680091N**	
M 30	170	120	11	-	27		**134/629032**	
	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.

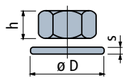
Accessories

Anti-slip



- Code : **630052.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



	Code Stainless steel AISI 304	Code Zinc plated steel	h mm	mm	øD mm	s mm
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

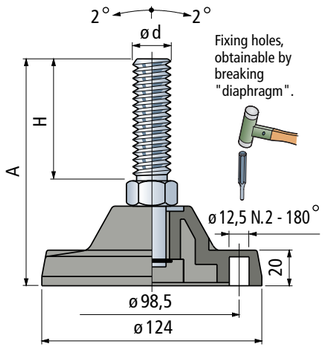
Packaging : 8 pieces.

marbett®

Articulated Feet
in reinforced polyamide and polypropylene

ø124

Part. 169

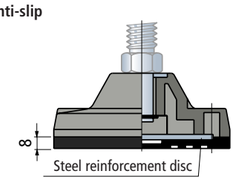


	ø d	A (mm)	H (mm)	Spindle types		mm	Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	Fmax N
							feet supplied without anti-slip		
Spindle in stainless steel AISI 303									
M 16	255	200	21	-	13		**169/604993**	-	
M 20	140	81	-	22	30		**169/624802**	**169/628682**	45000 (PA FV)
	205	146	-	22	30		**169/624812**	**169/628692**	
	270	218	21	-	17		**169/611523•**	**169/611633•**	13000 (PP FV)
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**	
	255	200	21	-	13		**169/604983•**	-	
M 20	140	81	-	22	30		**169/624852**	**169/628732**	45000 (PA FV)
	205	146	-	22	30		**169/624862**	**169/628742**	
	205	154	21	-	17		**169/611653**	**169/636162**	13000 (PP FV)
	255	195	-	22	30		**169/624872**	**169/628752**	
	308	242	-	22	30		**169/611663•**	**169/611673•**	
M 24	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

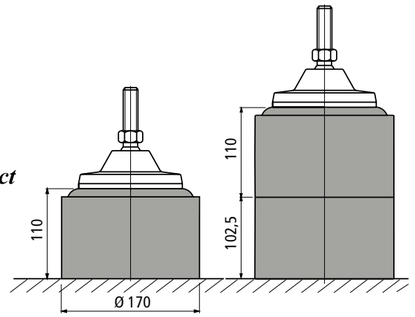
Anti-slip



- 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.

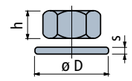
Part. 726 - Spacer

New Product



- Code : **726/688772**.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg:
- Packaging : 8 pieces.

Nut + Washer



	Code Stainless steel AISI 304	Code Zinc plated steel	h mm	mm	øD mm	s mm
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.

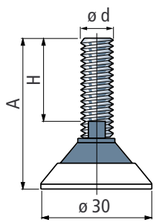
ø30

Fixed Feet
in reinforced polypropylene

marbett®

Part. 675

New Product

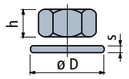


	ø d	A (mm)	H (mm)	mm	Code	Fmax N
Spindle in stainless steel AISI 304						
M 8	44	22	6		**675/683422**	8000
	64	42	6		**675/683432**	
M 10	42	22	8		**675/683442**	10000
	67	47	8		**675/683452**	

- Footplate material : reinforced polypropylene PP FV (white).
- Packaging : 12 pieces.
- Fmax. = maximum applicable load in static conditions.

Accessories

Nut + Washer



	Code Stainless steel AISI 304	h mm	mm	øD mm	s mm
M10	**630182**	8	17	21	2

Packaging : 24 pieces.

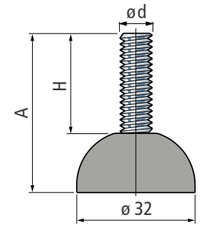
marbett®

Fixed Feet
in reinforced polypropylene

ø32

Part. 753

New Product

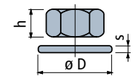


	ø d	A (mm)	H (mm)	Code	Fmax N
Spindle in zinc plated steel					
M 6	31		15	**753/603233**	2500
	36		20	**753/603243**	
	41		25	**753/603253**	
	46		30	**753/603263**	
M 8	31		15	**753/603273**	
	36		20	**753/603283**	
	41		25	**753/603293**	
	46		30	**753/603303**	
	51		35	**753/603313**	
	56		40	**753/603323**	
M 10	36		20	**753/603333**	
	41		25	**753/603343**	
	46		30	**753/603353**	
	51		35	**753/603363**	
	56		40	**753/603373**	
	61		45	**753/603383**	
	66		50	**753/603393**	
M 12	48		30	**753/603403**	
	53		35	**753/603413**	
	58		40	**753/603423**	
	63		45	**753/603433**	
	68		50	**753/603443**	

- 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	mm	øD mm	s mm
M8	**630102**	6,5	13	17	1,6
M10	**630112**	8	17	21	2
M12	**630122**	10	19	24	2,5

Packaging : 24 pieces (for M8, M10). 8 pieces (for M12).

ø50

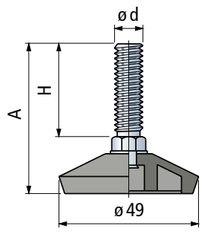
Fixed Feet
in reinforced polyamide

marbett®

Part. 600

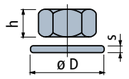
Spindle in zinc plated steel					
M 10	50	30	10	**600/68582**	2000

- 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 mm	mm	øD mm	s mm
M10	**630112**	8	17	21	2

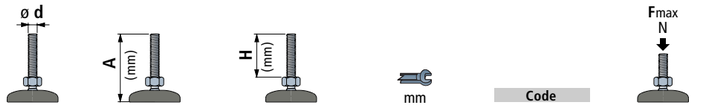
Packaging : 24 pieces.

marbett®

Fixed Feet
in reinforced polyamide

ø50

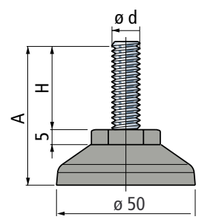
Part. 602



Spindle in zinc plated steel					
M 8	50	30	22	**602/603523**	5000
M 10	60	40	22	**602/693852**	

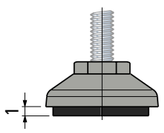
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Fmax. = maximum applicable load in static conditions.

New Product



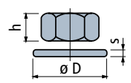
Accessories

Anti-slip



- Code : **630012.**
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer

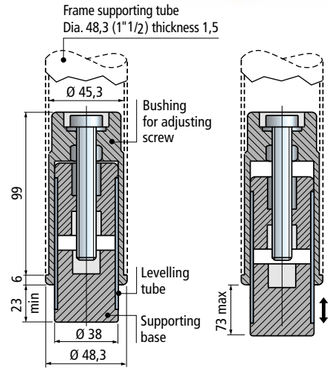


	Code Zinc plated steel	h mm	mm	øD mm	s mm
M8	**630102**	6,5	13	17	1,6
M10	**630112**	8	17	21	2

Packaging : 24 pieces.

Part. 745

New Product

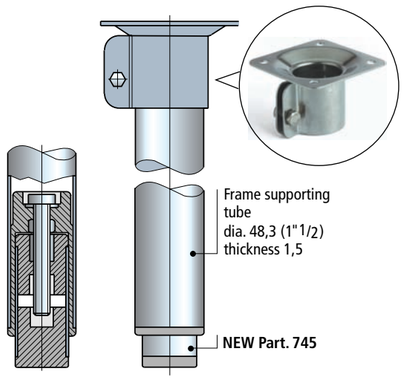


Material	Code	Fmax N
Stainless steel AISI 304	**745/699062**	4000

- Material : levelling tube in stainless steel AISI 304. Supporting base and bushing for adjusting scrrew 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

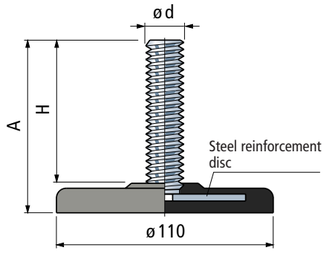
Fixing system with Part. 690 (bearing head).



Part. 31

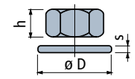
ø d	A (mm)	H (mm)	Code	Fmax N
Spindle in zinc plated steel				
M 16	101	86	**31/5150**	6000

- 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	mm	øD mm	s mm
M16	**630142**	13	24	30	3

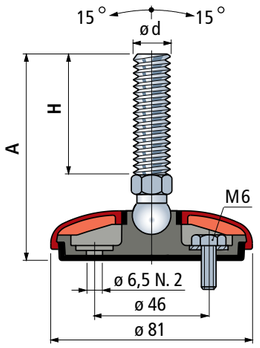
Packaging : 8 pieces.

ø 80

Articulated Feet Gripper
in reinforced polypropylene

marbett®

Part. 626



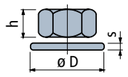
Protection cap

Colour	Code
Dark grey	**641912**
White	**641922**
Blue	**641932**
Orange	**641942**
Black	**641952**

- Material : polypropylene PP.
- Packaging : 24 pieces.
- Customized cap with customer logo.
- Other colours available upon request.

Accessories

Nut + Washer



Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
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).

ø d	A (mm)	H (mm)	Spindle types ø 14,2	Spindle types ø 14,2	mm	Code feet supplied without cap*	Fmax N
Spindle in stainless steel AISI 303							
M 10	95	67	-	2b	14	**626/641392**	
M 12	85	55	-	2b	14	**626/641402**	
	145	115	-	2b	14	**626/641412**	
M 14	110	76	1a	-	11	**626/641712**	
M 16	100	64	1a	-	13	**626/641722**	
	115	81	1a	-	13	**626/641732**	12000
	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**	
	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**	
M 16	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**	12000
	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**	
	235	201	-	2b	16	**626/641642**	
M 20	135	100	1a	-	16	**626/641862**	
	185	150	1a	-	16	**626/641872**	
	250	214	1a	-	16	**626/641882**	
M 24	120	81	1a	-	19	**626/641892**	
	185	146	1a	-	19	**626/641902**	

Microban® antibacterial protection

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.

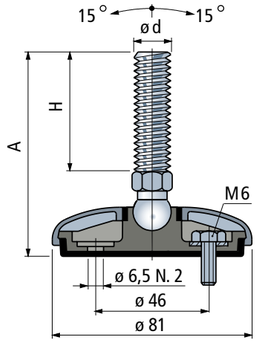
ø 80

Articulated Feet Gripper
in stainless steel

marbett®

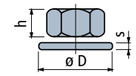
Part. 627

Microban® antibacterial protection



Accessories

Nut + Washer



Code Stainless steel AISI 304	h mm	mm	øD mm	s mm
M10	**630182**	8	17	21	2
M12	**630192**	10	19	24	2,5
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 : 24 pieces (for M10), 8 pieces (for M12, M14, M16, M20, M24).

ø d	A (mm)	H (mm)	Spindle types ø 14,2	Spindle types ø 14,2	mm	Code feet with cap supplied assembled	Code feet with cap* supplied disassembled	Fmax N
Spindle in stainless steel AISI 303								
M 10	95	67	-	2b	14	**627/641972**	**627/647292**	
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**	
M 16	100	64	1a	-	13	**627/642112**	**627/647332**	
	115	81	1a	-	13	**627/642122**	**627/647342**	12000
	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.

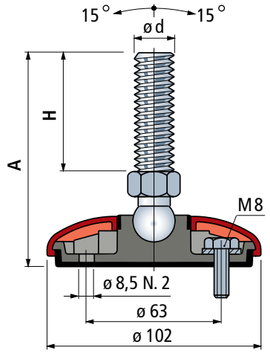
* = Feet can be fixed to the floor.
- Protection cap material : stainless steel AISI 304.
- Base material : reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore). Materials are supplied with Microban® antibacterial protection.
- The sealing of the internal structure guarantees a better hygiene.
- Packaging : 24 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

ø100

Articulated Feet Gripper
in reinforced polypropylene

marbett®

Part. 622



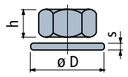
Protection cap

Colour	Code
Dark grey	**637052**
White	**637062**
Blue	**637072**
Orange	**637082**
Black	**639412**

- Material : polypropylene PP, with Microban® antibacterial protection.
- Packaging : 24 pieces.
- Customized cap with customer logo.
- Other colours available upon request.

Accessories

Nut + Washer



Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
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.

	ø d	A (mm)	H (mm)	Spindle types ø14,2	ø24,5	ø24,5	mm	Code feet supplied without cap*	Fmax N
Spindle in stainless steel AISI 303									
M 14	115	76	1a	-	-	11	**622/643542**		
	105	64	1a	-	-	13	**622/643552**		
M 16	115	74	-	-	6b	24	**622/637262**		
	115	65	-	1b	-	13	**622/640362•**		
	120	81	1a	-	-	13	**622/643562**		
	150	109	-	-	6b	24	**622/637272**		
	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**		19500
	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									
M 14	95	56	1a	-	-	11	**622/643622**		
M 16	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**		
	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**		19500
	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**		
M 24	250	206	-	-	6b	24	**622/637492•**		
	250	204	-	1b	-	16	**622/637412**		
	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**		

Microban® antibacterial protection

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.

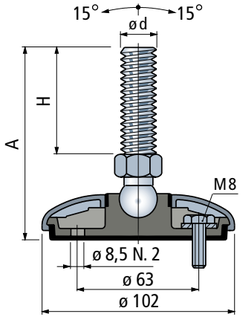
ø100

Articulated Feet Gripper
in stainless steel

marbett®

Part. 623

Microban® antibacterial protection



	ø d	A (mm)	H (mm)	Spindle types ø14,2	ø24,5	ø24,5	mm	Code feet with cap supplied assembled	Code feet with cap* supplied disassembled	Fmax N
Spindle in stainless steel AISI 303										
M 14	115	76	1a	-	-	11	**623/643722**	**623/647402**		
	105	64	1a	-	-	13	**623/643732**	**623/647412**		
M 16	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•**		
	165	124	1a	-	-	13	**623/643752**	**623/647472**		
	185	144	-	-	6b	24	**623/637532**	**623/647482**		
	185	135	-	1b	-	13	**623/640502**	**623/647492**		
	190	151	1a	-	-	13	**623/643762**	**623/647502**		
	200	159	-	-	6b	24	**623/637542**	**623/647512**		19500
	200	150	-	1b	-	13	**623/640512**	**623/647522**		
M 20	120	76	-	-	6b	24	**623/637692•**	**623/647532•**		
	120	74	-	1b	-	16	**623/637552**	**623/647542**		
	125	84	1a	-	-	16	**623/643772**	**623/647552**		
	185	141	-	-	6b	24	**623/637702**	**623/647562**		
	185	139	-	1b	-	16	**623/637562**	**623/647572**		
	190	149	1a	-	-	16	**623/643782**	**623/647582**		
M 24	120	79	-	-	6b	24	**623/637572**	**623/647592**		
	120	74	-	1b	-	19	**623/640522•**	**623/647602•**		
	190	146	1a	-	-	19	**623/643792**	**623/647612**		
	220	179	-	-	6b	24	**623/637582**	**623/647622**		
	220	172	-	1b	-	19	**623/640532**	**623/647632**		

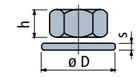
Microban® antibacterial protection

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.

• = 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	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

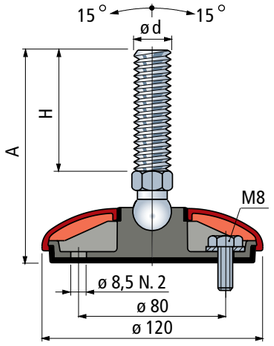
Packaging : 8 pieces.

ø 120

Articulated Feet Gripper
in reinforced polypropylene

marbett®

Part. 628



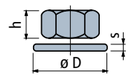
Protection cap

Colour	Code
Dark grey	**643062**
White	**643072**
Blue	**643082**
Orange	**643092**
Black	**643102**

- Material : polypropylene PP, with Microban® antibacterial protection.
- Packaging : 24 pieces.
- Customized cap with customer logo.
- Other colours available upon request.

Accessories

Nut + Washer



	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
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.

	ø d	A (mm)	H (mm)	Spindle types	mm	Code feet supplied without cap*	Fmax N
Spindle in stainless steel AISI 303							
M 14	120	76	1a	- -	11	**628/643802**	22000
	110	64	1a	- -	13	**628/643812**	
	120	74	-	- 6b	24	**628/642442**	
	120	65	-	1b -	13	**628/642452•**	
	125	81	1a	- -	13	**628/643822**	
	155	109	-	- 6b	24	**628/642462**	
M 16	155	100	-	1b -	13	**628/642472•**	
	170	124	1a	- -	13	**628/643832**	
	190	144	-	- 6b	24	**628/642482**	
	190	135	-	1b -	13	**628/642492**	
	195	151	1a	- -	13	**628/643842**	
	205	159	-	- 6b	24	**628/642502**	
	205	150	-	1b -	13	**628/642512**	
	125	76	-	- 6b	24	**628/642522•**	
	125	74	-	1b -	16	**628/642532**	
	130	84	1a	- -	16	**628/643852**	
M 20	190	141	-	- 6b	24	**628/642542**	
	190	139	-	1b -	16	**628/642552**	
	195	149	1a	- -	16	**628/643862**	
	125	79	-	- 6b	24	**628/642562**	
	125	74	-	1b -	19	**628/642572•**	
M 24	195	146	1a	- -	19	**628/643872**	
	225	179	-	- 6b	24	**628/642582**	
	225	172	-	1b -	19	**628/642592**	
Spindle in zinc plated steel							
M 14	100	56	1a	- -	11	**628/643882**	22000
	100	54	-	- 6b	24	**628/642602**	
	100	48	-	1b -	13	**628/642612•**	
	105	61	1a	- -	13	**628/643892**	
	135	89	-	- 6b	24	**628/642622**	
	135	83	-	1b -	13	**628/642632**	
M 16	140	96	1a	- -	13	**628/643902**	
	160	116	1a	- -	13	**628/643912**	
	165	119	-	- 6b	24	**628/642642**	
	165	113	-	1b -	13	**628/642652•**	
	195	151	1a	- -	13	**628/643922**	
	200	154	-	- 6b	24	**628/642662**	
	200	148	-	1b -	13	**628/642672•**	
	125	76	-	- 6b	24	**628/642682•**	22000
	125	74	-	1b -	16	**628/642692**	
	145	100	1a	- -	16	**628/643932**	
	160	111	-	- 6b	24	**628/642702•**	
	160	106	-	1b -	16	**628/642712**	
M 20	190	141	-	- 6b	24	**628/642722•**	
	190	139	-	1b -	16	**628/642732**	
	195	150	1a	- -	16	**628/643942**	
	255	206	-	- 6b	24	**628/642742•**	
	255	204	-	1b -	16	**628/642752**	
	260	214	1a	- -	16	**628/643952**	
	125	79	-	- 6b	24	**628/642762**	
	125	79	-	1b -	19	**628/642772**	
M 24	130	81	1a	- -	19	**628/643962**	
	190	144	-	- 6b	24	**628/642782**	
	190	139	-	1b -	19	**628/642792**	
	195	146	1a	- -	19	**628/643972**	

Microban® antibacterial protection

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.

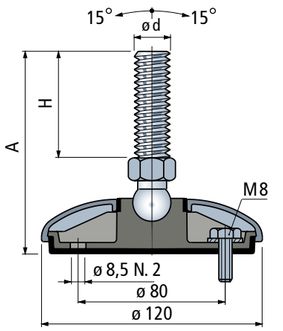
marbett®

Articulated Feet Gripper
in stainless steel

ø120

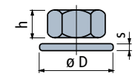
Part. 629

Microban® antibacterial protection



Accessories

Nut + Washer



	Code Stainless steel AISI 304	h mm	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.

	ø d	A (mm)	H (mm)	Spindle types	mm	Code feet with cap supplied assembled	Code feet with cap* supplied disassembled	Fmax N
Spindle in stainless steel AISI 303								
M 14	120	76	1a	- -	11	**629/643982**	**629/647642**	22000
	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**	
	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**	
M 20	190	141	-	- 6b	24	**629/642382**	**629/647802**	
	190	139	-	1b -	16	**629/642392**	**629/647812**	
	195	149	1a	- -	16	**629/644042**	**629/647822**	
	125	79	-	- 6b	24	**629/642402**	**629/647832**	
	125	74	-	1b -	19	**629/642412•**	**629/647842•**	
M 24	195	146	1a	- -	19	**629/644052**	**629/647852**	
	225	179	-	- 6b	24	**629/642422**	**629/647862**	
	225	172	-	1b -	19	**629/642432**	**629/647872**	

Microban® antibacterial protection

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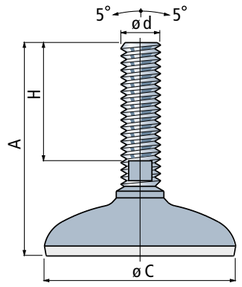
By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.

• = 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.

Part. 747-748-749

New Product

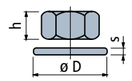


Ø C mm		ø d	A (mm)	H (mm)	mm	Code	Fmax (N)
Part. 747							
ø 80	M 16	100	55	13		747/602003	25000
		182	136	13		747/602013	
	M 20	187	139	16		747/602023	
	M 24	217	167	19		747/602033	
Part. 748							
ø 100	M 16	103	55	13		748/602043	25000
		185	136	13		748/602053	
	M 20	190	139	16		748/602063	
	M 24	220	167	19		748/602073	
Part. 749							
ø 120	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, FDA approved for direct contact with food.
- 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

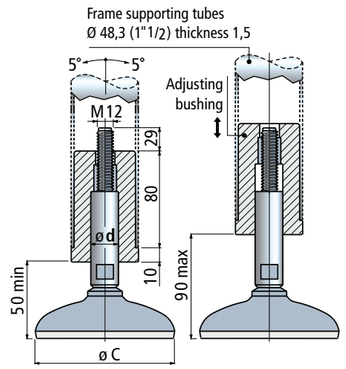
Packaging : 8 pieces.

Part. 750-751-752

Ø C mm		ø d (mm)	mm	Code	Fmax (N)
Part. 750					
ø 80	**16**	13		750/602123	12000
	20	16		750/602133	
Part. 751					
ø 100	**16**	13		751/602143	12000
	20	16		751/602153	
Part. 752					
ø 120	**16**	13		752/602163	12000
	20	16		752/602173	

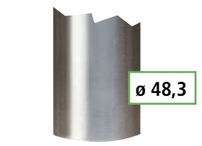
- Material : footplate in stainless steel AISI 304. Spindle in stainless steel AISI 304. Anti-slip in vulcanized NBR rubber (white-grey), 75 Shore, FDA approved for direct contact with food. Adjusting bushing in reinforced polyamide PA FV (white) with Microban®. Threaded bushing in nickel plated brass.
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

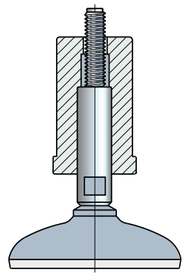
New Product



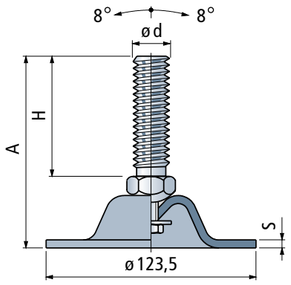
Assembly

Can be used with frame supporting tubes dia. 48,3 mm (1"1/2), thickness 1,5 mm.





Part. 351

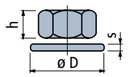


	ø d	A (mm)	H (mm)	S mm	Spindle types		mm	Code	Fmax N
Footplate and spindle in stainless steel AISI 303									
M 16	185	148	3	-	12	22		**351/678721**	6000
M 20	180	140	3	-	12	22		**351/61106**	
	185	148	3	-	12	22		**351/688091**	
M 24	215	165	3	11	-	19		**351/63797**	
M 30	170	120	3	11	-	27		**351/66014**	
	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**	
	285	235	4	11	-	19		**351/688101**	
M 30	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



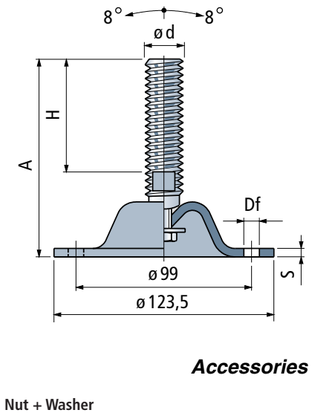
	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4
M30	**630242**	**630172**	24	46	56	4

Packaging : 8 pieces.

Part. 441-349

With 2 and 4 fixing holes

Same dimensions as Part. 351, it differs in its fixing holes.



Part. 441 - with 2 fixing holes

	ø d	A (mm)	H (mm)	Ø hole Df mm	S mm	Spindle types		mm	Code	Fmax N
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.

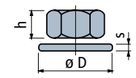
Part. 349 - with 4 fixing holes

	ø d	A (mm)	H (mm)	Ø hole Df mm	S mm	Spindle types		mm	Code	Fmax N
Footplate and spindle in stainless steel AISI 303										
M 16	185	148	9	3	-	12	22		**349/682721**	6000
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**	10000
	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.

Accessories

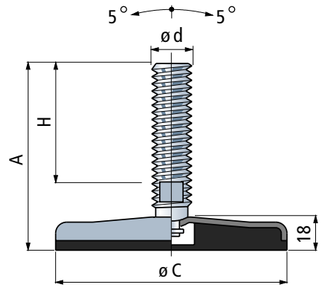
Nut + Washer



	Code Stainless steel AISI 304	Zinc plated steel	h mm	mm	øD mm	s mm
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. 549-546-547-548

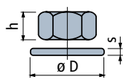


ø C mm		ø d	A (mm)	H (mm)	Spindle type	mm	Code	Fmax N
Part. 549								
ø 50	M 12	75	44	13	10	10	549/632372	
		100	66	13	10	10	549/632382	
		150	119	13	10	10	549/632392•	
		175	144	13	10	10	549/632402•	10000
	M 16	75	47	13	13	13	549/632412•	
		125	97	13	13	13	549/632422•	
		175	148	13	13	13	549/632432	
Part. 546								
ø 80	M 16	175	148	13	13	13	546/684791	
	M 20	175	148	13	16	16	546/684811	
	M 24	205	165	13	19	19	546/684821	10000
	M 30	160	115	13	27	27	546/684831	
		220	175	13	27	27	546/684841	
Part. 547								
ø 100	M 16	175	148	13	13	13	547/684951	
	M 20	175	148	13	16	16	547/684971	
	M 24	205	165	13	19	19	547/684981	8000
	M 30	160	115	13	27	27	547/684991	
		220	175	13	27	27	547/685001	
Part. 548								
ø 125	M 16	175	148	13	13	13	548/685111	
	M 20	175	148	13	16	16	548/685131	
	M 24	205	165	13	19	19	548/685141	6000
	M 30	160	115	13	27	27	548/685151	
		220	175	13	27	27	548/685161	

• = 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.

Accessories

Nut + Washer



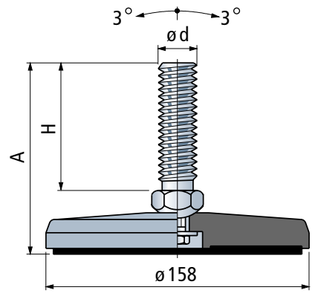
	Code Stainless steel AISI 304	h mm	mm	øD mm	s mm
M12	**630192**	10	19	24	2,5
M16	**630212**	13	24	30	3
M20	**630222**	16	30	37	3
M24	**630232**	19	36	44	4
M30	**630242**	24	46	56	4

Packaging : 8 pieces.

Part. 408

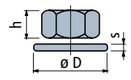
ø d	A (mm)	H (mm)	Spindle types		mm	Code	Fmax N
Spindle in stainless steel AISI 303							
M 16	180	148	-	12	22	408/678831	
M 20	175	140	-	12	22	408/678841	
	180	148	-	12	22	408/688211	50000
M 24	210	165	11	-	19	408/678851	
M 30	165	120	11	-	27	408/678861	
	225	180	11	-	27	408/678881	
Spindle in zinc plated steel							
M 20	135	100	-	12	22	408/678761	
	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	50000
	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



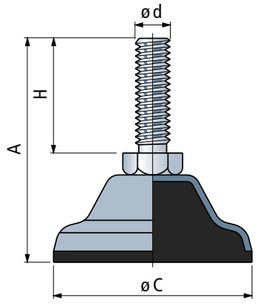
	Code Stainless steel AISI 304	Code Zinc plated steel	h mm	mm	øD mm	s mm
M16	**630212**	**630142**	13	24	30	3
M20	**630222**	**630152**	16	30	37	3
M24	**630232**	**630162**	19	36	44	4
M30	**630242**	**630172**	24	46	56	4

Packaging : 8 pieces.

Fixed feet
in stainless steel

marbett®

Part. 383-384-399-385



ø C mm	ø d	A (mm)	H (mm)	mm	Code	Fmax N
Part. 383						
ø 40	**M 8**	57	30	13	**383/65426**	7000
Part. 384						
ø 65	**M 12**	90	50	19	**384/65436**	12000
Part. 399						
ø 90	**M 16**	110	60	24	**399/61627**	11000
Part. 385						
ø 110	**M 20**	130	70	30	**385/65446**	10000

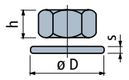
- Material : footplate and spindle in stainless steel AISI 304. Anti-slip in Adiprene (red).
- Packaging : 16 pieces (for Part. 383). 8 pieces (for Part. 384-399). 4 pieces (for Part. 385).
- On request different length.
- Fmax. = maximum applicable load in static conditions.

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	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.

Fixed feet
in painted steel

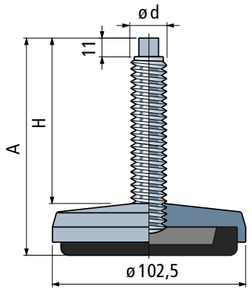
marbett®

ø100

Part. 403

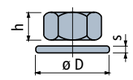
ø d	A (mm)	H (mm)	mm	Code	Fmax N
Spindle in zinc plated steel					
M 16	154	128	10	**403/66604**	50000

- 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



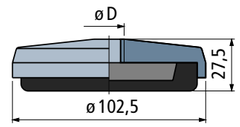
	Code Zinc plated steel	h mm	mm	øD mm	s mm
M16	**630142**	13	24	30	3

Packaging : 8 pieces.

Part. 528

ø D	Code	Fmax N
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.

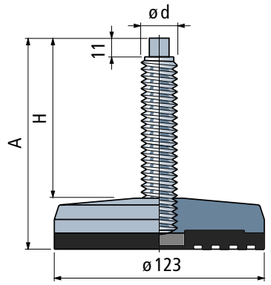


ø123

Fixed feet
in painted steel

marbett®

Part. 406

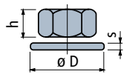


ø d	A (mm)	H (mm)	mm	Code	Fmax N
Spindle in zinc plated steel					
M 16	157	127	10	**406/66614**	50000

- 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

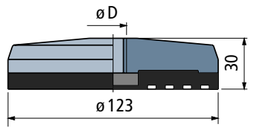
Nut + Washer



	Code Zinc plated steel	h mm	mm	øD mm	s mm
M16	**630142**	13	24	30	3

Packaging : 8 pieces.

Part. 529



ø D	Code	Fmax N
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.

marbett®

Vibration absorbing feet
in zinc plated steel

Part. 701-702-703

ø C mm	A (mm)	H (mm)	mm	Code Feet in zinc plated steel	Code Feet in zinc plated steel with yellow painted base	Weight Kg
Part. 701						
ø 80	**M 12 x 1,25**	130	39 (min.) 51 (max.)	8	**701/63033**	**701/63623**	0,58
Part. 702						
ø120	**M 16 x 1,5**	130	47 (min.) 60 (max.)	9	**702/63043**	**702/63633**	1,40
Part. 703						
ø160	**M 20 x 1,5**	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.

Table 1

Min. rotation (rpm) or min. strokes/min	Load applied per foot (Kgf) min.	max.	min.	max.	min.	max.
	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.

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.

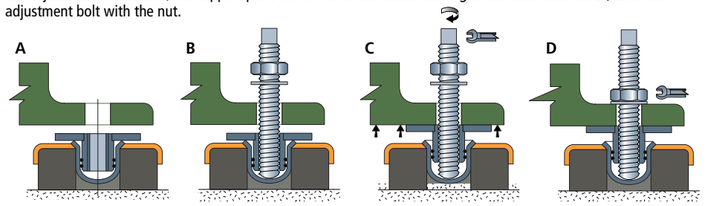
Selection: the load on each foot is

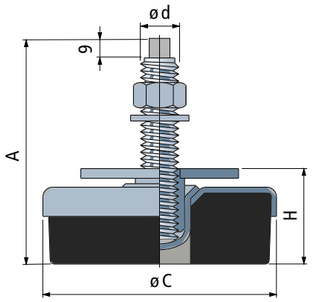
$$\frac{3900}{6} = 650 \text{ Kgf}$$

According to table 1 Part. 703 should be taken.

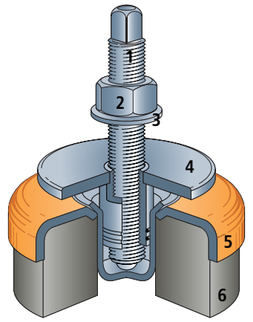
Mounting instructions

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 desidered height has been reached. **D**) Lock the adjustment bolt with the nut.





Components of the feet

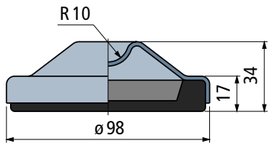


1 - Adjustment bolt. Fine thread
2 - Locking nut. UNI 5588 - 65.
3 - Washer UNI 6592 - 69. DIN 125 A.
4 - Support plate. Adjustable in height.
5 - Reinforcement plate.
6 - Anti-slip in NBR rubber black (80 Shore).

Part. 230

Material	Code	Fmax N
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	Fmax N
Painted steel (yellow)	**404/66624**	50000

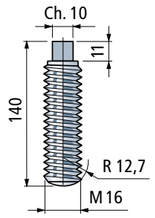
- Anti-slip material : NBR rubber black (70 Shore).
- Packaging : 8 pieces.
- Fmax. = maximum applicable load in static conditions.

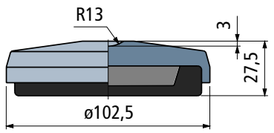
Accessories

Part. 407

Spindle

- **Code : 407/66594.**
- Material : zinc plated steel.
- Packaging : 32 pieces.





Part. 55

Material	Code	Fmax N
PVC rubber black (with steel insert)	**55/5151**	6000

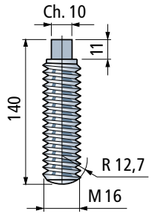
- Rubber hardness : 50 Shore.
- Packaging : 25 pieces.
- Fmax. = maximum applicable load in static conditions

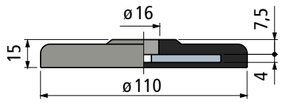
Accessories

Part. 407

Spindle

- **Code : 407/66594.**
- Material : zinc plated steel.
- Packaging : 32 pieces.





Part. 187

Material	Code	Fmax N
NBR rubber black with steel insert (red painted)	**187/55421**	20000

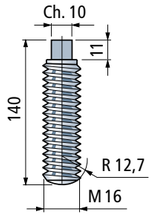
- Rubber hardness : 80 Shore.
- Bearing disc in nickel plated steel.
- Packaging : 8 pieces.
- Fmax. = maximum applicable load in static conditions

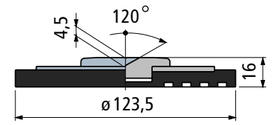
Accessories

Part. 407

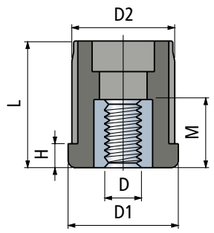
Spindle

- **Code : 407/66594.**
- Material : zinc plated steel.
- Packaging : 32 pieces.





Part. 180



Tube dimensions											
Outside dia. mm	Poll"	Thickness mm	Inside dia. mm	Thread D	D1 mm	D2 mm	H mm	L mm	M mm	Code	Fmax N ⬇
26,9	3/4	1,5	23,9	**M 12**	27	24	6	30	19	**180/63128**	3000
30	–	1	28	**M 10**	30	28,4	6	34	19	**180/61606**	3000
				M 12	30	28,4	6	34	19	**180/63766**	
33,7	1	1,5	30,7	**M 12**	34	31	6	35	19	**180/63118**	3000
38	–	1,5	35	**M 10**	37,5	35,5	9	44	19	**180/68572**	
				M 16	37,5	35,5	9	44	24	**180/63061**	5000
42,4	1 1/4	1,5	39,4	**M 16**	44,5	39,6	9	42	24	**180/63071**	
				M 20	44,5	39,6	9	42	30	**180/52691**	8000
48,3	1 1/2	1,5	45,3	**M 16**	48	45,5	10	52	24	**180/63081**	5000
				M 20	48	45,5	10	52	30	**180/58631**	8000
		3	42,3	**M 16**	48	42,6	10	52	24	**180/616592**	5000
50	–	1,5	47	**M 10**	50	47,5	10,5	56	19	**180/682812**	
				M 12	50	47,5	10,5	56	19	**180/682822**	3000
				M 14	50	47,5	10,5	56	24	**180/682832**	
				M 16	50	47,5	10,5	56	24	**180/682842**	5000
				M 20	50	47,5	10,5	56	30	**180/682852**	8000
		2	46	**M 10**	50	46,5	10,5	56	19	**180/682862**	
				M 12	50	46,5	10,5	56	19	**180/682872**	3000
				M 14	50	46,5	10,5	56	24	**180/682882**	
				M 16	50	46,5	10,5	56	24	**180/682892**	5000
				M 20	50	46,5	10,5	56	30	**180/682902**	8000
54	–	2	50	**M 16**	54	50,8	10	62	24	**180/647081**	5000
				M 20	54	50,8	10	62	30	**180/649801**	8000
60,3	2	1,5	57,3	**M 16**	60	58	10	62	24	**180/65154**	5000
				M 16	60	58	10	49	24	**180/607241**	
				M 20	60	58	10	62	30	**180/65164**	8000
		2	56,3	**M 16**	60	57	10	62	24	**180/65174**	5000
				M 20	60	57	10	62	30	**180/65184**	8000
		2,5	55,3	**M 16**	60	56	10	62	24	**180/65194**	5000
				M 20	60	56	10	62	30	**180/65204**	8000
80	–	2	76	**M 14**	80	76,5	10,5	90	24	**180/682912**	5000
				M 16	80	76,5	10,5	90	24	**180/682922**	
				M 20	80	76,5	10,5	90	30	**180/682932**	8000
				M 24	80	76,5	10,5	90	28	**180/682942**	
		3	74	**M 14**	80	74,5	10,5	90	24	**180/682952**	5000
				M 16	80	74,5	10,5	90	24	**180/682962**	
				M 20	80	74,5	10,5	90	30	**180/682972**	8000
				M24	80	74,5	10,5	90	28	**180/682982**	

- 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.
- Fmax. = maximum applicable load in static conditions.

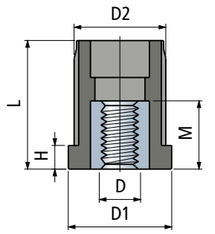
Assembly

Pressure fitted.
Interference fit.

Tube dimensions B.S.I.												
Outside dia. Inch	mm	Thickness Inch	mm	Inside dia. mm	Thread D	D1 mm	D2 mm	H mm	L mm	M mm	Code	Fmax N ⬇
1,5"	38,1	0,065"	1,65	34,8	**3/8"-16**	37,5	35,5	9	44	19	**180/672211•**	
					1/2"-13	37,5	35,5	9	44	19	**180/59191•**	5000
					5/8"-11	37,5	35,5	9	44	24	**180/59211•**	
2"	50,8	0,065"	1,65	47,5	**3/8"-16**	50	48,4	10	56	19	**180/672221•**	
					1/2"-13	50	48,4	10	56	19	**180/61681•**	5000
					5/8"-11	50	48,4	10	56	24	**180/59221•**	
					3/4"-10	50	48,4	10	56	30	**180/59201•**	8000
					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.
- Fmax. = maximum applicable load in static conditions.

Part. 224



Metric tube dimensions											
Outside mm	Thickness mm	Inside mm	Thread D	D1 mm	D2 mm	H mm	L mm	M mm	Code	Fmax N ⬇
⍁ **30**	1,5	27	**M 10**	30	27,5	6	33	19	**224/68182**	
			M 12	30	27,5	6	33	19	**224/63932**	
			M 14	30	27,5	6	33	24	**224/63942**	
			M 16	30	27,5	6	33	24	**224/63952**	
	2	26	**M 10**	30	26,5	6	33	19	**224/673492**	
			M 12	30	26,5	6	33	19	**224/673502**	
			M 14	30	26,5	6	33	24	**224/673512**	5000
			M 16	30	26,5	6	33	24	**224/673522**	
	2,5	25	**M 12**	30	25,5	6	33	19	**224/69695•**	
⍁ **35**	1,5	32	**M 10**	35	32,5	8	43	19	**224/63243**	
			M 12	35	32,5	8	43	19	**224/63253**	
			M 14	35	32,5	8	43	24	**224/63263**	
			M 16	35	32,5	8	43	24	**224/63273**	
			M 20	35	32,5	8	43	30	**224/64663**	8000
⍁ **40**	1,5	37	**M 10**	40	37,5	8	43	19	**224/64323**	
			M 12	40	37,5	8	43	19	**224/63882**	5000
			M 14	40	37,5	8	43	24	**224/63892**	
			M 16	40	37,5	8	43	24	**224/63902**	
			M 20	40	37,5	8	43	30	**224/63922**	8000
	2	36	**M 16**	40	36,5	8	43	24	**224/66533**	5000
			M 20	40	36,5	8	43	30	**224/64455**	8000
⍁ **50**	1,5	47	**M 16**	50	47,8	10	55	24	**224/68607**	5000
			M 20	50	47,5	10	55	30	**224/68883**	8000
			3/8"-16	50	47,8	10	55	19	**224/692781**	
			1/2"-13	50	47,8	10	55	19	**224/692791**	5000
			5/8"-11	50	47,8	10	55	24	**224/692801**	
			3/4"-10	50	47,8	10	55	30	**224/692811**	8000
	2	46	**M 16**	50	47	10	55	24	**224/617632**	5000
			M 20	50	47	10	55	30	**224/617642**	8000
	2,5	45	**M 14**	50	45,6	10	55	24	**224/695411**	5000
			M 16	50	45,5	10	55	24	**224/63051**	
			M 20	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.
- Fmax. = maximum applicable load in static conditions.

Assembly

Pressure fitted.
Interference fit.

B.S.I. tube dimensions												
Outside Inch	mm	Thickness Inch	mm	Inside mm	Thread D	D1 mm	D2 mm	H mm	L mm	M mm	Code	Fmax N ⬇
⍁ **1,5"**	38,1	0,065"	1,65	34,8	**3/8"-16**	38	35,5	8	43	19	**224/661621•**	
					1/2"-13	38	35,5	8	43	19	**224/59231•**	5000
					5/8"-11	38	35,5	8	43	24	**224/59251•**	
					M 16	38	35,5	8	43	24	**224/62963•**	
		0,120"	3,05	32	**3/8"-16**	38	32,6	8	43	19	**224/672231•**	
					1/2"-13	38	32,6	8	43	19	**224/61422•**	5000
					5/8"-11	38	32,6	8	43	24	**224/61432•**	
					3/4"-10	38	32,6	8	43	30	**224/661631•**	8000
⍁ **2"**	50,8	0,109"	2,77	45,3	**3/8"-16**	50	45,6	10	55	19	**224/672241•**	
					1/2"-13	50	45,6	10	55	19	**224/61691•**	5000
					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.
- Fmax. = maximum applicable load in static conditions.

SQUARE FLANGE BEARING

Page B06-B15

OVAL FLANGE BEARING

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PILLOW BLOCK BEARING

Page B26-B29

COMPACT PILLOW BLOCK BEARING

Page B30-B33

Self-aligning Bearings Contents

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

Dry use recommended

B08

UCF/C - HCF/C
New versions dia. 45-50

B06

UCF - HCF
New versions dia. 45-50

B10

F
New version for shaft dia. 40 mm

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

B16

UCFL - HCFL
New version dia. 17 mm

B20

SIDE FLANGE BEARING

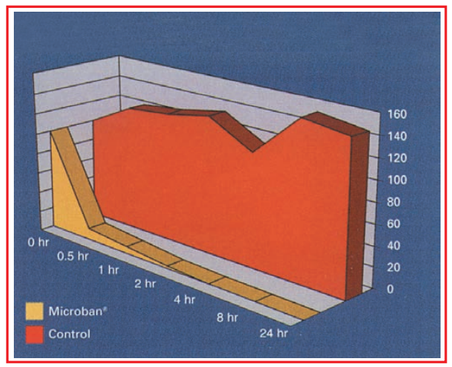
UCFB/C - HCFB/C
New versions dia. 20-40 mm

B34

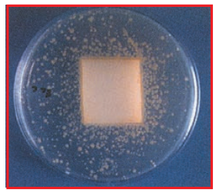
UCFB - HCFB
New versions dia. 20-40 mm

B36

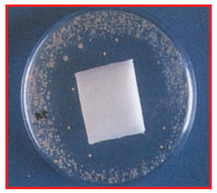
Microban® antibacterial protection



◀ Bacteria E.Coli in Microban® plastic compound compared to identical untreaded plastic



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



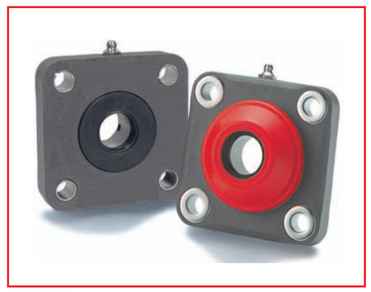
With Microban® absence of bacteria on and ▼ around the product

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.



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 sanification.

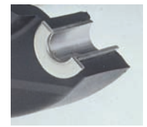
ISO dimensions

- 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

Fixing bushes

- 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

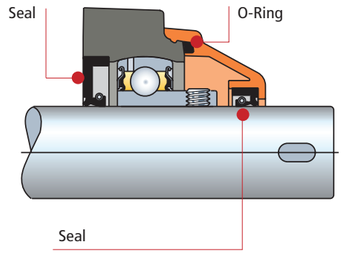


Thermoplastic resins

- 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

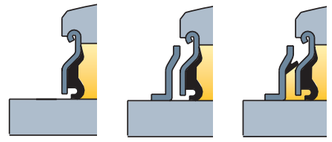
Waterproof housing

- 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



Bearing seals

- 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.

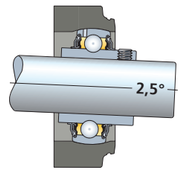


Support seals

- Waterproof self-aligning bearings feature seals for the protection against external environment
- Viton rubber seals ensure maximum resistance to chemical agents

Misalignment

- All bearings are self-aligning, capable of compensating misalignments up to 2.5°



Square flange bearing units

UCF/C-HCF/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 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.

Microban® antibacterial protection

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)

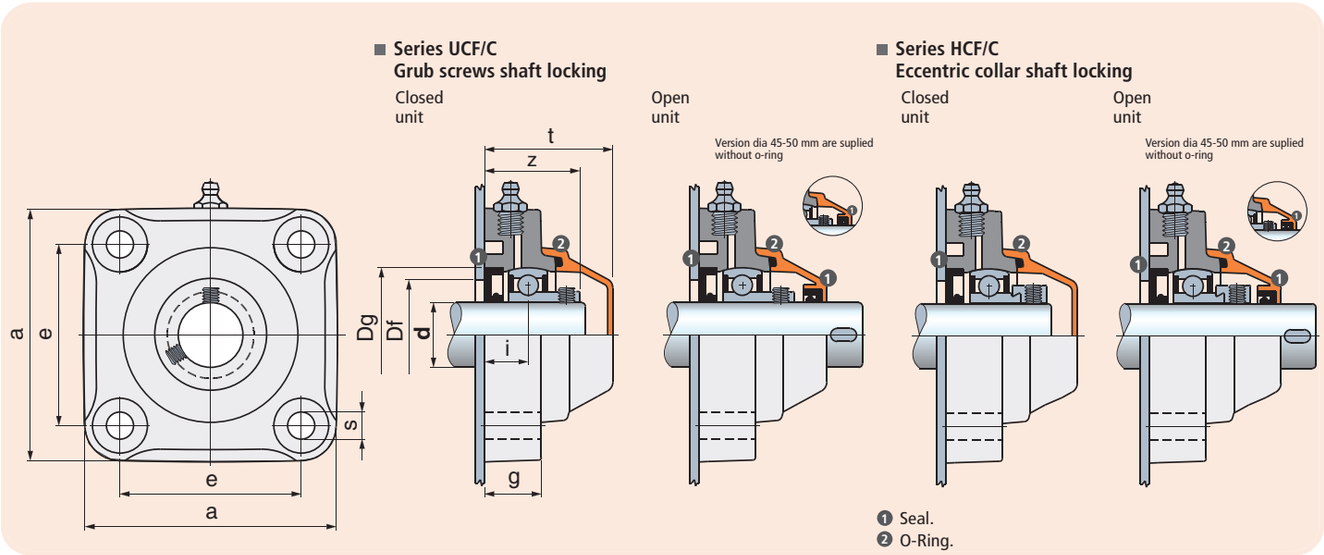
Code : 67843.
The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Loads

Shaft dia. d mm	Bearing load: Load coefficient dyn.1) C N	Bearing load: Load coefficient stat. Co N	Bearing load: Max. 1) axial load N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PPFV N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PPFV 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.

UCF/C-HCF/C



dia. d mm	Series	Housing material: Polyamide PA FV Standard Flange (black) Cover (orange) Code	Housing material: Polyamide PA FV with Microban® Solid Flange (grey) Cover (red) Code	Housing material: Polypropylene PP FV with Microban® Solid Flange (white) Cover (red) Code	e	a	s	g	i	z	t	Bore in frame[2) Df] Dg	Df max.	Df min.	Bearing	Weight Kg	Spare parts: Cover orange Code	Spare parts: Cover red with Microban® Code
Grub screws shaft locking • Closed unit																		
25	UCF 205 C	**64573**	**651172**	*680932L*	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**	*680942L*	83	110	11	26	20	41	55	62	60	50	YAT 206	0,56	63154	653322
35	UCF 207 C	**64018**	**651192**	*680952L*	92	120	11	26	19,5	43	59	72	70	55	YAT 207	0,72	682022	682042
35*	SUCF 207 C	**680522[3)]**	**668982**	*680962L*	83	110	11	26	19,5	43	61	72	70	55	YAT 207	0,67	63539	653342
40	UCF 208 C	**68916**	**651202**	*680972L*	102	131	11	30	22	47,3	65,5	80	78	65	YAT 208	0,95	63539	653342
40*	SUCF 208 C	**61819**	**651212**	*680982L*	83	110	11	26	19	44,3	66	80	78	65	YAT 208	0,88	600882	653352
45*	SUCF 209 C	**686592[3)]**	**686672**	*686752L*	102	131	11	30	23	48,8	73	85	83	75	YAT 209	1,10	686972	686982
50*	SUCF 210 C	**686602[3)]**	**686682**	*686762L*	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	**680582[3)]**	**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	**686612[3)]**	**686692**	*686772*	102	131	11	30	23	48,8	73	85	83	75	YAT 209	1,10	686992	687012
50*	SUCF 210 C	**686622[3)]**	**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	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 C	603063	–	–	83	110	11	26	19,3	42,8	54	52	50	45	YET 205	0,57	681952	–
30	HCF 206 C	621501	651372L	*681062L*	83	110	11	26	20	46,7	55	62	60	50	YET 206	0,63	63154	653322
35	HCF 207 C	680462	680722L	*681072L*	92	120	11	26	19,5	48,9	59	72	70	55	YET 207	0,90	682022	682042
35*	SHCF 207 C	680642[3)]	669022L	*681082L*	83	110	11	26	19,5	48,9	61	72	70	55	YET 207	0,85	63539	653342
40*	SHCF 208 C	62439	651382L	*681092L*	83	110	11	26	19	51,7	66	80	78	65	YET 208	1,07	600882	653352
45*	SHCF 209 C	686632[3)]	686712L	*686792L*	102	131	11	30	23	56	73	85	83	75	YET 209	1,29	686972	686982
50*	SHCF 210 C	686642	686722L	*686802L*	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	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 C	603073	–	–	83	110	11	26	19,3	42,8	54	52	50	45	YET 205	0,57	681972	–
30	HCF 206 C	621481	651412L	*681112L*	83	110	11	26	20	46,7	55	62	60	50	YET 206	0,63	69965	653442
35	HCF 207 C	680482	680742L	*681122L*	92	120	11	26	19,5	48,9	59	72	70	55	YET 207	0,90	682032	682052
35*	SHCF 207 C	680692[3)]	669032L	*681132L*	83	110	11	26	19,5	48,9	61	72	70	55	YET 207	0,85	615692	669202
40*	SHCF 208 C	62449	651422L	*681142L*	83	110	11	26	19	51,7	66	80	78	65	YET 208	1,07	600892	653472
45*	SHCF 209 C	686652[3)]	686732L	*686812L*	102	131	11	30	23	56	73	85	83	75	YET 209	1,29	686992	687012
50*	SHCF 210 C	686662[3)]	686742L	*686822L*	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)
- **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 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.

Microban® antibacterial protection

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: Load coefficient dyn.1) C N	Bearing load: Load coefficient stat. Co N	Bearing load: Max. 1) axial load N	Bearing unit max. static load: PAFV N	PPFV 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°.

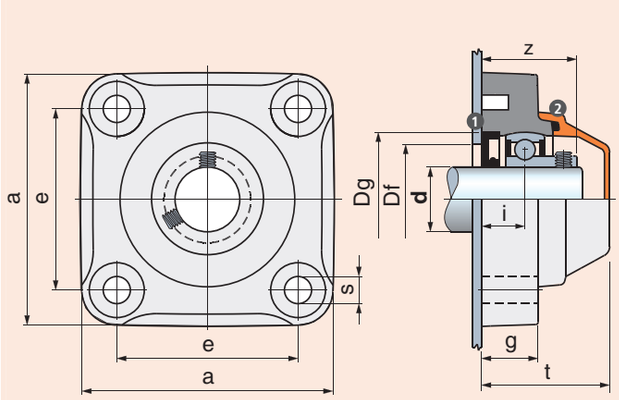
Bearing

Series 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

UCF/CL-HCF/CL

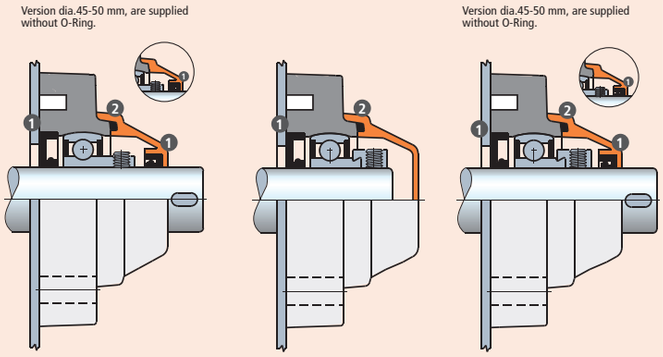
■ **Series UCF/CL - Grub screws shaft locking**

Closed unit | Open unit



■ **Series HCF/CL - Eccentric collar shaft locking**

Closed unit | Open unit



❶ Seal.
❷ O-Ring.

dia. d mm	Series	Housing material: Polyamide PA FV Standard Flange (black) Cover (orange) Code	Housing material: Polyamide PA FV with Microban® Solid Flange (grey) Cover (red) Code	Housing material: Polypropylene PP FV with Microban® Solid Flange (white) Cover (red) Code	Dimensions in mm e	a	s	g	i	z	t	Dg	Bore in frame Df max.	min	Bearing	Weight Kg	Spare parts: Cover orange Code	Spare parts: Cover red Microban® Code
Grub screws shaft locking • Version with bearing YAR 2F																		
25	UCF 205 CL	**64573L**	**651172L**	*680932L*	70	98	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,40	681952	681992
25*	SUCF 205 CL	**603043L**	**–**	–	83	110	11	26	19,3	38,8	54	52	50	45	YAT 205	0,50	681952	–
30	UCF 206 CL	**63112L**	**651182L**	*680942L*	83	110	11	26	20	41	55	62	60	50	YAT 206	0,56	63154	653322
35	UCF 207 CL	**64018L**	**651192L**	*680952L*	92	120	11	26	19,5	43	59	72	70	55	YAT 207	0,72	682022	682042
35*	SUCF 207 CL	**–**	**668982L**	*680962L*	83	110	11	26	19,5	43	61	72	70	55	YAT 207	0,67	–	653342
40	UCF 208 CL	**68916L**	**651202L**	*680972L*	102	131	11	30	22	47,3	65,5	80	78	65	YAT 208	0,95	63539	653342
40*	SUCF 208 CL	**61819L**	**651212L**	*680982L*	83	110	11	26	19	44,3	66	80	78	65	YAT 208	0,88	600882	653352
45*	SUCF 209 CL	**–**	**686672L**	*686752L*	102	131	11	30	23	48,8	73	85	83	75	YAT 209	1,10	–	686982
50*	SUCF 210 CL	**–**	**686682L**	*686762L*	102	131	11	30	23	52	73	90	88	80	YAT 210	1,20	–	686982
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																		
25	UCF 205 CL	**64623L**	**651272L**	*680992L*	70	98	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,40	681972	682012
25*	SUCF 205 CL	**603053L**	**–**	–	83	110	11	26	19,3	38,8	54	52	50	45	YAT 205	0,50	681972	–
30	UCF 206 CL	**63172L**	**651282L**	*681002L*	83	110	11	26	20	41	55	62	60	50	YAT 206	0,56	69965	653442
35	UCF 207 CL	**64028L**	**651292L**	*681012L*	92	120	11	26	19,5	43	59	72	70	55	YAT 207	0,72	682032	682052
35*	SUCF 207 CL	**–**	**668992L**	*681022L*	83	110	11	26	19,5	43	61	72	70	55	YAT 207	0,67	–	669202
40	UCF 208 CL	**68926L**	**651302L**	*681032L*	102	131	11	30	22	47,3	65,5	80	78	65	YAT 208	0,95	63549	653462
40*	SUCF 208 CL	**61829L**	**651312L**	*681042L*	83	110	11	26	19	44,3	66	80	78	65	YAT 208	0,88	600892	653472
45*	SUCF 209 CL	**–**	**686692L**	*686772L*	102	131	11	30	23	48,8	73	85	83	75	YAT 209	1,10	–	687012
50*	SUCF 210 CL	**–**	**686702L**	*686782L*	102	131	11	30	23	52	73	90	88	80	YAT 210	1,20	–	687022
Grub screws shaft locking • Version with bearing YAT																		
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	YET 206	0,63	63154	653322
35	HCF 207 CL	680462L	680722L	*681072L*	92	120	11	26	19,5	48,9	59	72	70	55	YET 207	0,90	682022	682042
35*	SHCF 207 CL	–	669022L	*681082L*	83	110	11	26	19.5	48,9	61	72	70	55	YET 207	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																		
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	YET 206	0,63	69965	653442
35	HCF 207 CL	680482L	680742L	*681122L*	92	120	11	26	19,5	48,9	59	72	70	55	YET 207	0,90	682032	682052
35*	SHCF 207 CL	–	669032L	*681132L*	83	110	11	26	19,5	48,9	61	72	70	55	YET 207	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

- **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.

Microban® antibacterial protection

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.

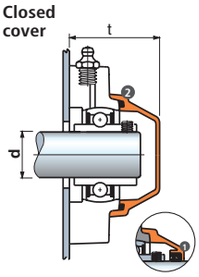
Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT - YET: Load coefficient dyn.[1] C N	stat. Co N	Max. [1] axial load N	Bearing load YAR 2RF: Load coefficient dyn.[1] C N	stat. Co N	Max. [1] axial load N	Bearing unit max. static load: 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	—	—	—	32000	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 must be considered in all other cases.

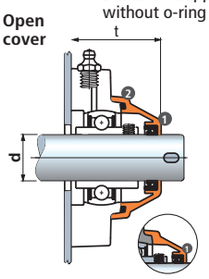
Protection covers (accessory)

Closed cover



Dia 45/50 supplied without o-ring

Open cover



Dia 45/50 supplied without o-ring

dia. d mm	Accessories: Cover orange Code	Cover red Microban® Code	t mm
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**

❶ Seal
❷ Seal O-Ring

UCF-HCF

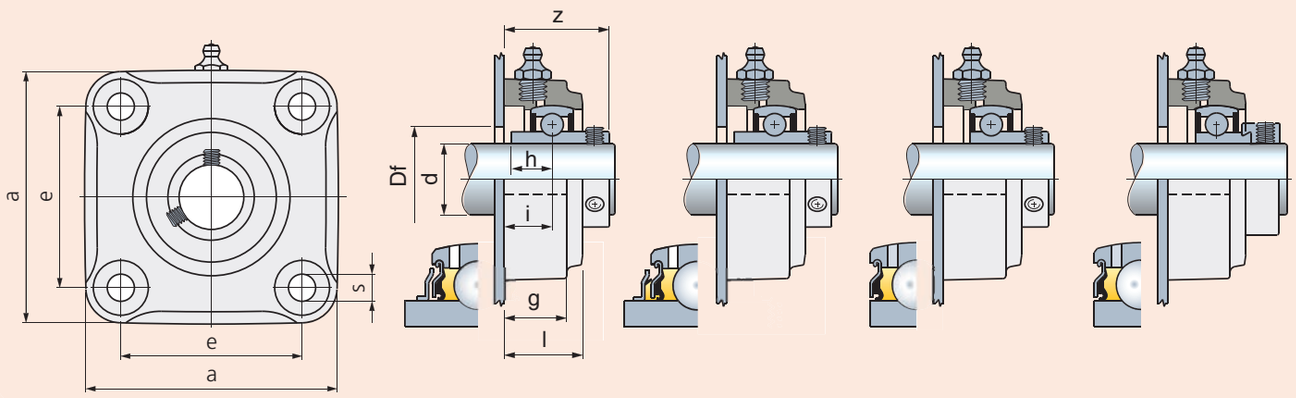
■ **Series UCF**
Grub screws shaft locking

Version with bearing **YAR 2F**

Version with stainless steel bearing **YAR 2RF**

Version with bearing **YAT**

■ **Series HCF**
Eccentric collar shaft locking



dia. d mm	Series	Housing material: Polyamide PA FV Standard Flange (black) Code	Polyamide PA FV with Microban® Solid Flange (grey) Code	Polypropylene PP FV with Microban® Solid Flange (white) Code	Dimensions in mm e	a	s	g	i	h	l	z	Bore in frame Df mm	Bearing	Weight Kg
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:

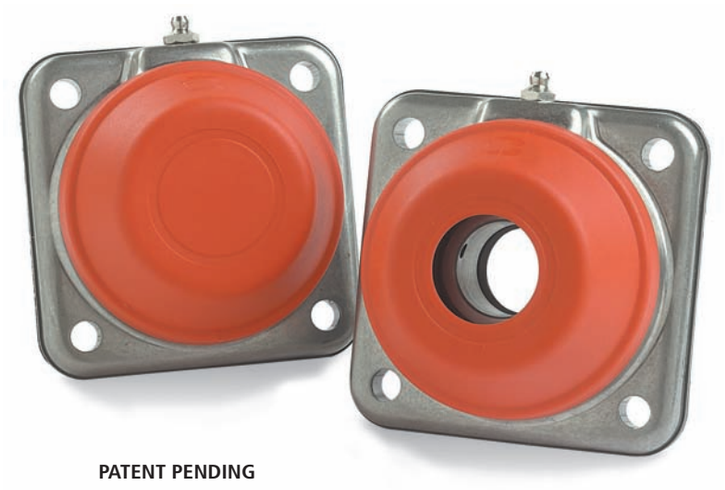
On stock

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**

  Patend 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 • 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.

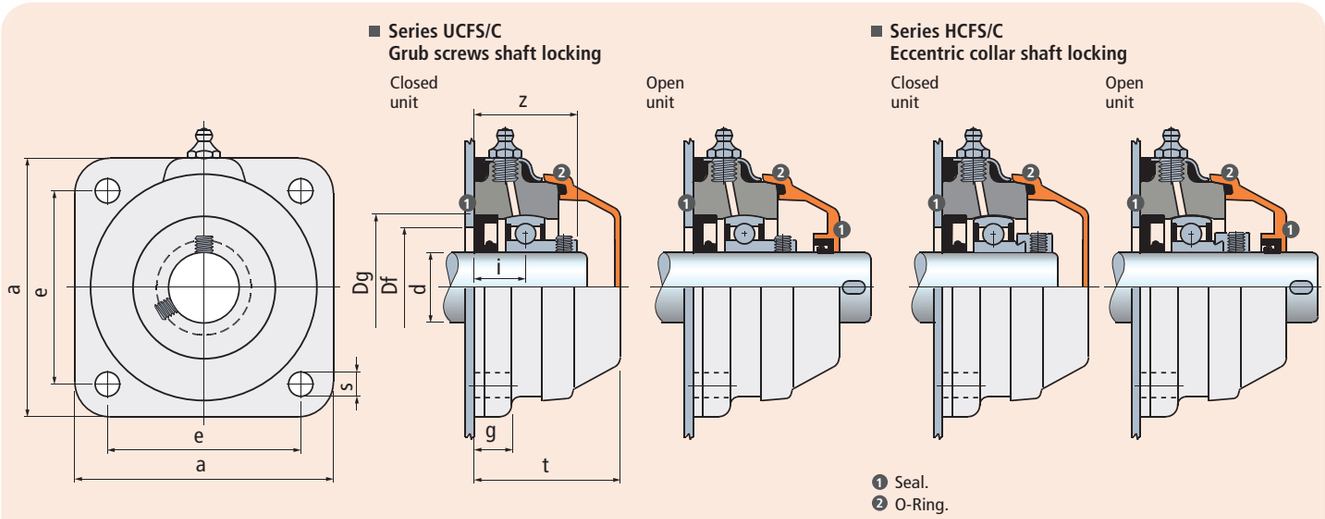
Loads

Shaft dia. d mm	Bearing load: Load coefficient dyn.[1)] C N	Bearing load: Load coefficient stat. Co N	Bearing load: Max. [1)] axial load N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PAFV 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 ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

UCFS/C-HCFS/C



dia. d mm	Series	Housing material: Polyamide PA FV with stainless steel surface, Solid Flange Cover (orange) Code	Dimensions in mm e	a	s	g	i	z	t	Dg	Bore in frame 1) Df max.	Df min.	Bearing	Weight Kg	Spare parts: Cover orange Code
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 grase • To be prelubricated with lithium/ calcium grease during first installation

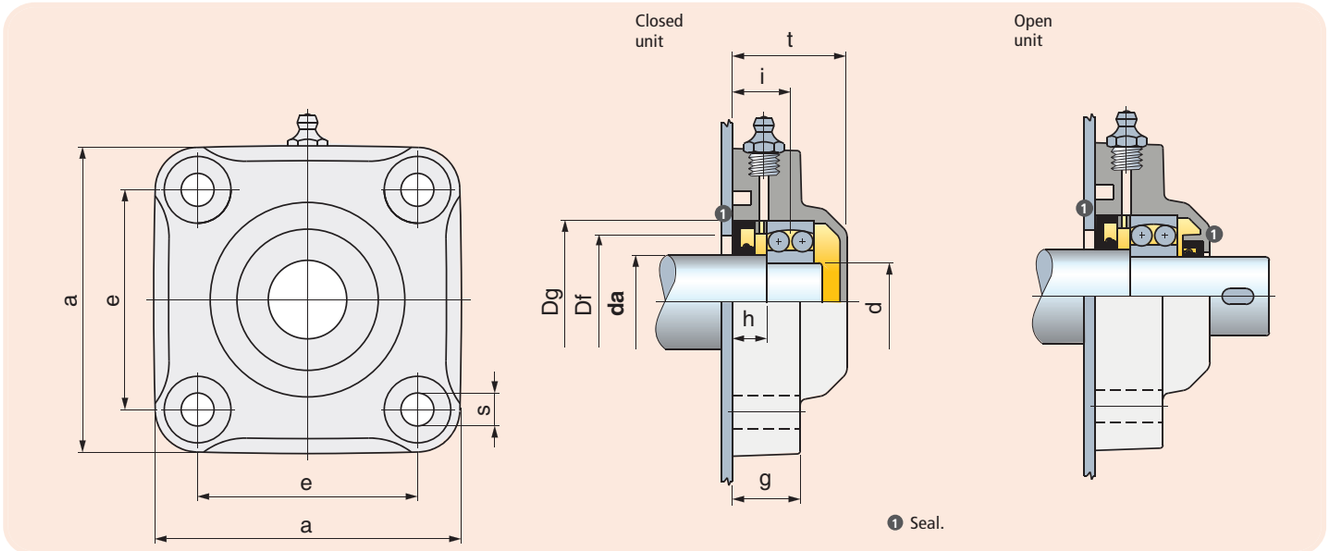
Quick coupler for remote lubrication (accessory)

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. **da** mm	Bearing dia. d mm	Bearing load: Load coefficient dyn. C N	Bearing load: Load coefficient stat. Co N	Bearing unit max. static load: PAFV N	PPFV N	PAFV N	PPFV N	PAFV N	PPFV 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. **da** mm	Bearing dia. d mm	Series	Housing material: **Polyamide PA FV Standard** Flange (black) Code	Housing material: **Polypropylene PP FV** [1] Standard Flange (black) Code	e	a	s	g	i	h	t	Dg	Bore in frame [1] Df max.	Bore in frame [1] Df min.	Bearing	Weight Kg
Closed unit																
30	25	F 1205	**64433**	*681702*	70	98	11	22,5	18,5	11	36,5	52	50	47	1205	0,36
35	30	F 1206	**65811**	*681712*	83	110	11	26	19	11	40	62	60	52	1206	0,53
40	35	F 1207	**63978**	*681722*	92	120	11	26	19,5	11	39,5	72	70	60	1207	0,62
40*	35*	SF1207	**699782**	*699802*	83	110	11	26	19	10	39	72	70	60	1207	0,60
45	40	F 1208	**68876**	*681732*	102	131	11	30	24,5	15,5	45	80	78	65	1208	0,85
45*	40*	SF 1208	**69988**	*681742*	83	110	11	26	19	10	39	80	78	65	1208	0,78
Open unit																
30	25	F 1205	**64483**	*681752*	70	98	11	22,5	18,5	11	36,5	52	50	47	1205	0,36
35	30	F 1206	**65901**	*681762*	83	110	11	26	19	11	40	62	60	52	1206	0,53
40	35	F 1207	**63988**	*681772*	92	120	11	26	19,5	11	39,5	72	70	60	1207	0,62
40*	35*	SF1207	**699792**	*699812*	83	110	11	26	19	10	39	72	70	60	1207	0,60
45	40	F 1208	**68886**	*681782*	102	131	11	30	24,5	15,5	45	80	78	65	1208	0,85
45*	40*	SF 1208	**69998**	*681792*	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

On request for appropriate suitable quantities

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 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.

Microban® antibacterial protection

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: Load coefficient dyn.1) C N	Bearing load: Load coefficient stat. Co N	Bearing load: Max. axial load 1) N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PPFV N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PPFV 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) = Valuets 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°.

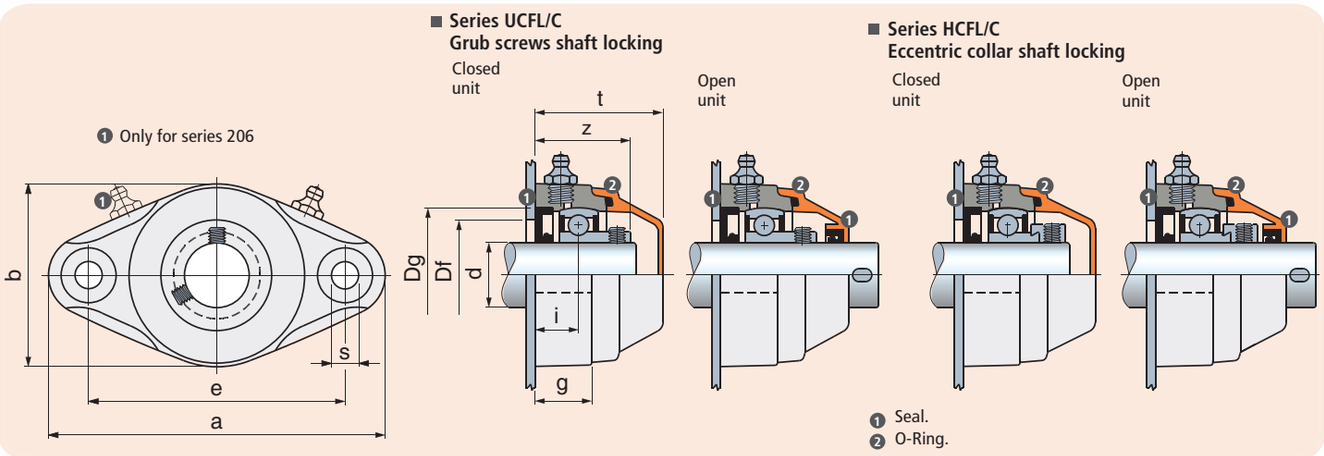
Bearing

Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)

Code : 67843.
The system foresees semirigid Ø 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



Ø d mm	Series	Housing material: Polyamide PA FV Standard Flange (black) Cover (orange) — Code	Housing material: Polyamide PA FV with Microban® Solid Flange (grey) Cover (red) — Code	Housing material: Polypropylene PP FV with Microban® Solid Flange (white) Cover (red) — Code	e	a	b	s	g	i	z	t	Dg	Bore in frame 2) Df max.	Bore in frame 2) Df min.	Bearing	Weight Kg	Spare parts: Cover orange — Code	Spare parts: Cover red with Microban® — 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	UCLF 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	UCLF 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 cylindrial 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.** 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)
- **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 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.

Microban® antibacterial protection

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: Load coefficient dyn. 1) C N	Bearing load: Load coefficient stat. Co N	Bearing load: Max. 1) axial load N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PPFV N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PPFV 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) = Valuets are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Continuous operating temperature

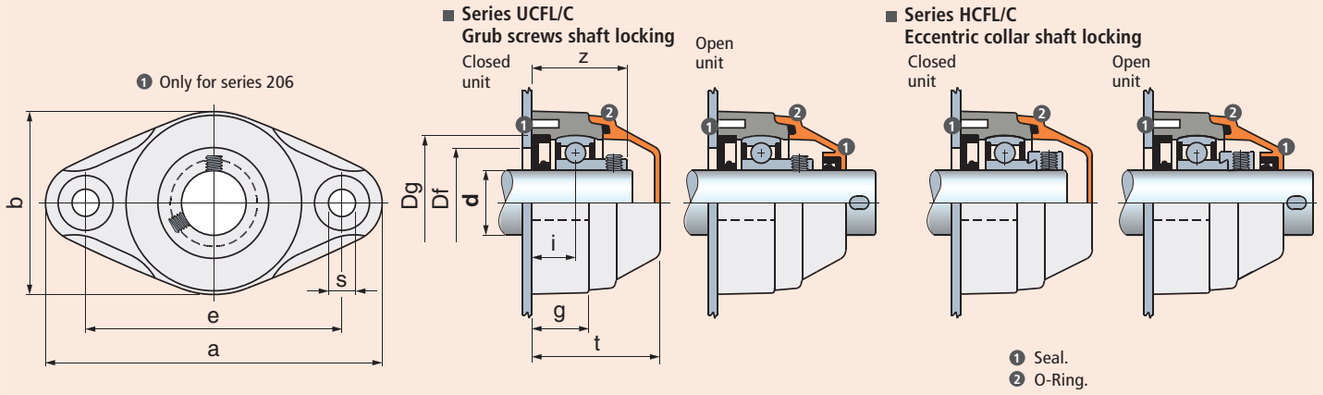
in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing

Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

UCFL/CL-HCFL/CL



Ø d mm	Series	e	a	Housing material: Polyamide PA FV Standard (Flange (black) Cover (orange)) Code	Polyamide PA FV with Microban® (Solid Flange (grey) Cover (red)) Code	Polypropylene PP FV with Microban® (Solid Flange (white) Cover (red)) Code	b	s	g	i	z	t	Dg	Bore in frame[2] Df max.	Df min.	Bearing	Weight Kg	Spare parts: Cover orange Code	Spare parts: Cover red with Microban® Code
Grub screws shaft locking • Closed unit																			
20	UCFL 204 CL	90	116	**69016L**	**650972L**	*679652L*	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**	*679662L*	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**	*687722L*	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**	*679672L*	85	11	26	20	41	55	62	60	50	YAT 206	0,42	63154	653322
30*	SUCFL 206 CL	99	148	**687572L[2]**	**687652L**	*687732L*	85	11	26	20	41	55	62	60	50	YAT 206	0,42	63154	653322
35	UCFL 207 CL	130	162	**648131L**	**651002L**	*679682L*	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**	*697862L*	112	11	26	19,5	43	62	72	70	55	YAT 207	0,70	63539	653342
40	UCFL 208 CL	144	176	**672411L**	**651012L**	*679692L*	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**	*697872L*	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**	*679702L*	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**	*679712L*	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**	*687742L*	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**	*679722L*	85	11	26	20	41	55	62	60	50	YAT 206	0,42	69965	653442
30*	SUCFL 206 CL	99	148	**687592L[2]**	**687672L**	*687752L*	85	11	26	20	41	55	62	60	50	YAT 206	0,42	69965	653442
35	UCFL 207 CL	130	162	**648141L**	**651102L**	*679732L*	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**	*697882L*	112	11	26	19,5	43	62	72	70	55	YAT 207	0,70	615692	669202
40	UCFL 208 CL	144	176	**672421L**	**651112L**	*679742L*	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**	*697892L*	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	*679752L*	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	*679762L*	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	*687762L*	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	*679772L*	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	*687772L*	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	63154	653322
35	HCFL 207 CL	130	162	679082L	679382L	*679782L*	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	*697902L*	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	*679792L*	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	*697912L*	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	*679802L*	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	*679812L*	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	*687782L*	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	*679822L*	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	*687792L*	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	69965	653442
35	HCFL 207 CL	130	162	679132L	679432L	*679832L*	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	*697922L*	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	*679842L*	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	*697932L*	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 cylindrial 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-HCFL

Accessories

- **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.

Microban® antibacterial protection

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.

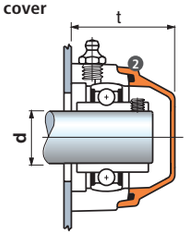
Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT - YET: Load coefficient dyn.1) C N	stat. Co N	Max. 1) axial load N	Bearing load YAR 2RF: Load coefficient dyn.1) C N	stat. Co N	Max. 1) axial load N	Bearing unit max. static load: 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	—	—

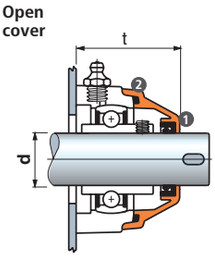
***= Version with special fixing holes**
1) = Values are valid for applications with ? h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Protection covers (accessory)

Closed cover



Open cover

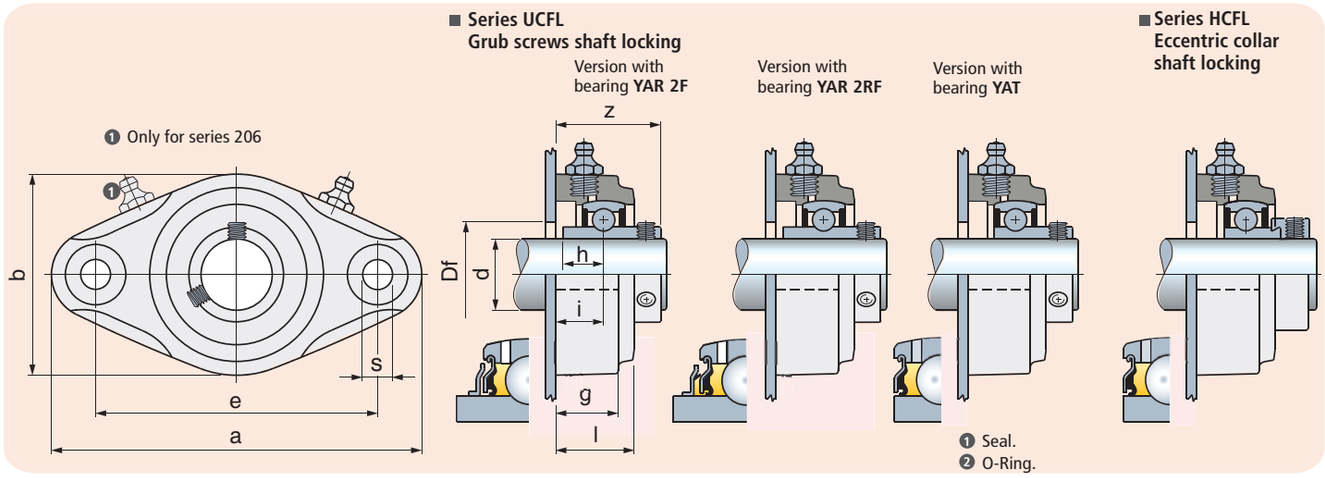


❶ Seals
❷ Seals O-Ring

dia. d mm	Accessories: Cover orange Code	Cover red Microban® Code	t mm UCFL	t mm HCFL
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 bearning unit with grub screws shaft locking
2) = Protection cover for beaking unit with eccentric collar shaft locking

UCFL-HCFL



dia. d mm	Series	Housing material: Polyamide PA FV Standard Flange (black) Code	Polyamide PA FV with Microban® Solid Flange (grey) Code	Polypropylene PP FV with Microban® Solid Flange (white) Code	e	a	b	s	g	i	h	l	z	Bore in frame Df mm	Bearing	Weight Kg
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 cylindrial 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

PATENT PENDING

- **Austenitic stainless steel surface**
- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **Solid flange**

  Patend 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 • 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.

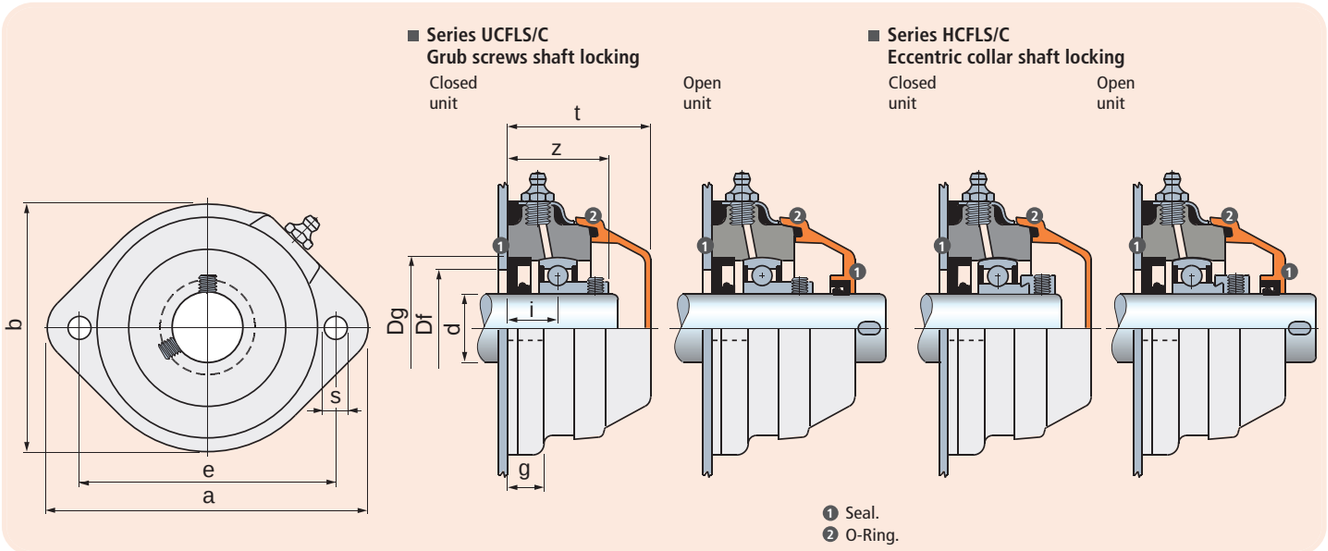
Loads

Shaft dia. d mm	Bearing load: Load coefficient dyn.1) C N	Bearing load: Load coefficient stat. Co N	Bearing load: Max. 1) axial load N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PAFV 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 ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

UCF/C-HCF/C



dia. d mm	Series	Housing material: Polyamide PA FV with austenitic stainless steel surface, Solid Flange Cover (orange) Code	Dimensions in mm e	a	b	s	g	i	z	t	Dg	Bore in frame[1) Df max.	Df min.	Bearing	Weight Kg	Spare parts: 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.

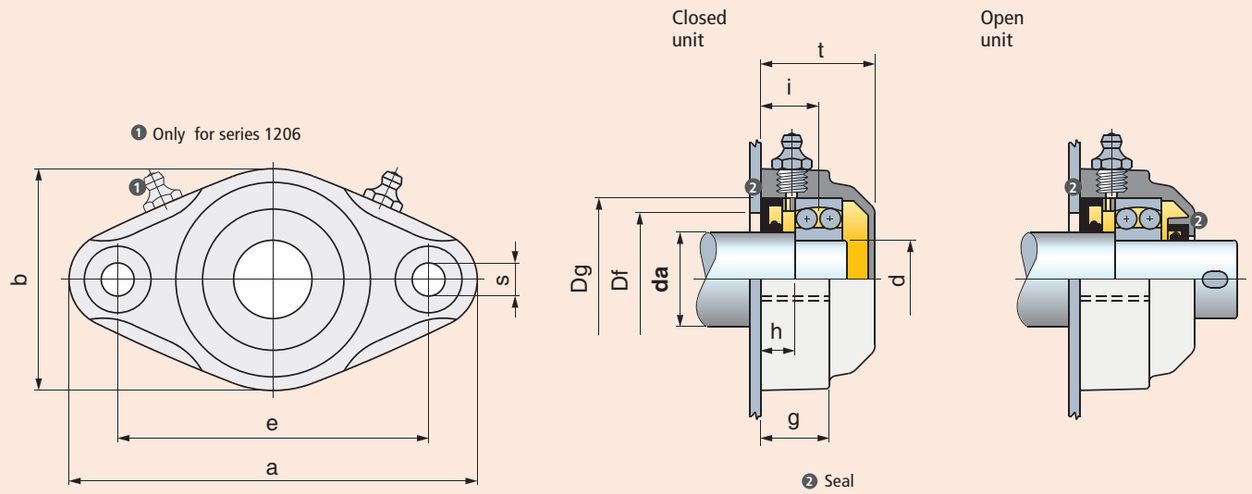
Quick coupler for remote lubrication (accessory)

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. **da** mm	Bearing dia. d mm	Bearing load: Load coefficient dyn. C N	Bearing load: Load coefficient stat. Co N	Bearing unit max. static load: PAFV N	PPFV N	PAFV N	PPFV N	PAFV N	PPFV 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

FL



Shaft dia. **da** mm	Bearing dia. d mm	Series	Housing material: **Polyamide PA FV Standard** Flange (black) Code	Housing material: **Polypropylene PP FV**[1] Standard Flange (black) Code	Dimensions in mm: e	a	b	s	g	i	h	t	Dg	Bore in frame[1] Df: max.	min.	Bearing	Weight Kg
Closed unit																	
25	20	FL 1204	**68976**	*680352*	90	116	62	11	20	18	11	35,5	47	45	40	1204	0,25
30	25	FL 1205	**68483**	*680362*	99	130	71	11	22,5	18,5	11	36,5	52	50	47	1205	0,29
35	30	FL 1206	**68339**	*680372*	117	148	85	11	26	19	11	40	62	60	52	1206	0,39
40	35	FL 1207	**648091**	*680382*	130	162	93	11	26	19,5	11	40	72	70	60	1207	0,55
45	40	FL 1208	**672371**	*680392*	144	176	102	11	30	25	16	45	80	78	65	1208	0,71
Open unit																	
25	20	FL 1204	**68986**	*680402*	90	116	62	11	20	18	11	35,5	47	45	40	1204	0,25
30	25	FL 1205	**68493**	*680412*	99	130	71	11	22,5	18,5	11	36,5	52	50	47	1205	0,29
35	30	FL 1206	**68349**	*680422*	117	148	85	11	26	19	11	40	62	60	52	1206	0,39
40	35	FL 1207	**648101**	*680432*	130	162	93	11	26	19,5	11	40	72	70	60	1207	0,55
45	40	FL 1208	**672381**	*680442*	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.

Microban® antibacterial protection

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.

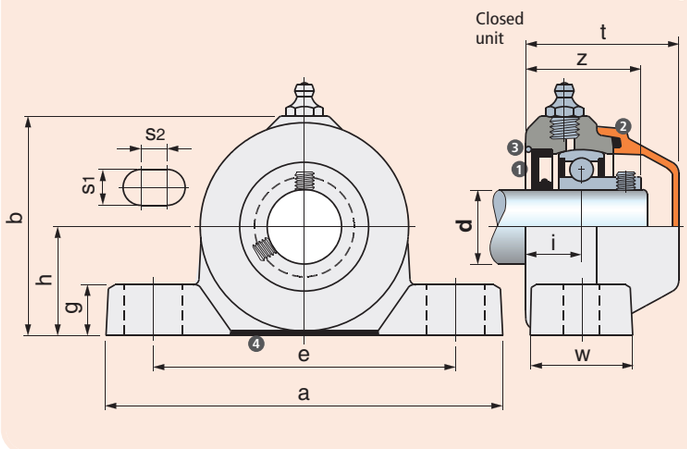
Loads

Shaft dia. d mm	Bearing load: Load coefficient dyn 1) C N	Bearing load: Load coefficient stat. Co N	Bearing load: Max. axial load 1) N	Bearing unit max. static load: PAFV N	PPFV N	PAFV N	PPFV N	PAFV N	PPFV 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

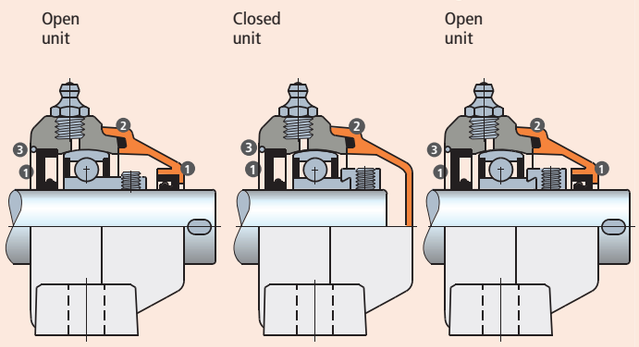
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

UCP/C-HCP/C

■ **Series UCP/C**
Grub screws shaft locking



■ **Series HCP/C**
Eccentric collar shaft locking



1. Seal.
2. O-Ring.
3. Safety ring.
4. Bottom seal.

dia. d mm	Series	Housing material: Polyamide PA FV Flange (black) Cover (orange) Code	Housing material: Polyamide PA FV with Microban® Flange (grey) Cover (red) Code	Housing material: Polypropylene PP FV with Microban® Flange (white) Cover (red) Code	e	a	h	b	s1	s2	g	w	i	z	t	Bearing	Weight Kg	Spare parts: Cover orange Code	Spare parts: Cover red Microban® 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

Ø d mm	Housing metal: Polyamide PA FV Flange (black) Cover (orange) Code	Housing metal: Polyamide PA FV with Microban® Flange (grey) Cover (red) Code	Housing metal: Polypropylene PP FV with Microban® Flange (white) Cover (red) Code
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

- **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.

TM Microban® antibacterial protection

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) • 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.

Bearing unit max. static load

Shaft dia. d mm	PAFV N	PPFV N	PAFV N	PPFV N	PAFV N	PPFV 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

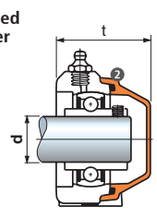
Bearing load

Shaft dia. d mm	YAR 2F - YAT - YET Load coefficient dyn.1) C N	stat. Co N	Max. axial load 1) N	YAR 2RF Load coefficient dyn.1) C N	stat. Co N	Max. axial load 1) 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

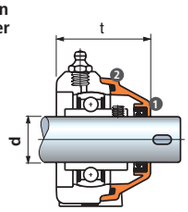
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Protection covers (accessory)

Closed cover



Open cover

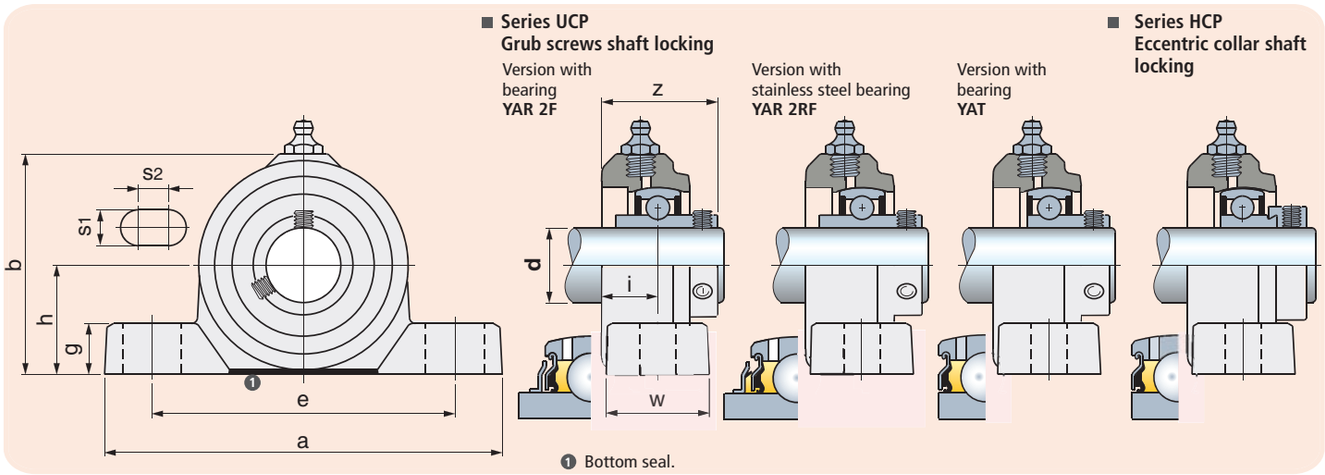


❶ Seals
❷ Seals O-Ring

dia. d mm	Accessories Cover orange Code	Cover red Microban® Code	t mm UCP	t mm 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
40 1)	63539	653342	66,5	—
40 2)	600882	653352	—	72
Open cover supplied with seals				
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) = Protection cover for bearning unit with grub screws shaft locking
2) = Protection cover for beaking unit with eccentric collar shaft locking

UCP-HCP



dia. d mm	Series	Housing material: Polyamide PA FV Flange (black) Code	Polyamide PA FV with Microban® Flange (grey) Code	Polypropylene PP FV with Microban® Flange (white) Code	e	a	h	b	s1	s2	g	w	i	z	Bearing	Weight Kg
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	Housting material: Polyamide PA FV Flange (black) Code	Polyamide PA FV with Microban® Flange (grey) Code	Polypropylene PP FV with Microban® Flange (white) Code
	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

- **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.

Microban® antibacterial protection

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.

Loads

shaft dia. d mm	PAFV N	PPFV N	PAFV N	PPFV N	PAFV N	PPFV N	PAFV N	PPFV 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 dyn.[1] C N	stat. Co N	Max axial load [1] 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.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

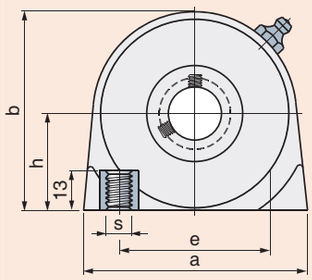
Bearing

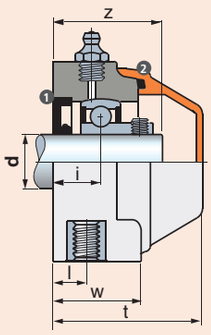
Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

UCPA/C-HCPA/C

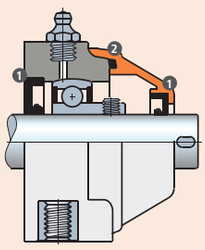
■ Series UCPA/C - Grub screws shaft locking

Closed unit



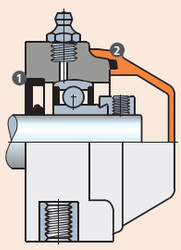


Open unit

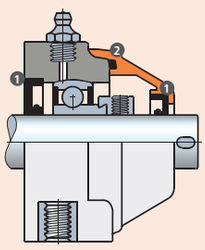


■ Series HCPA/C - Eccentric collar shaft locking

Closed unit



Open unit



❶ Seal
❷ O-Ring

dia. **d** mm	Series	Housing material: **Polyamide PA FV** Flange (black) Cover (orange) Code	**Polyamide PA FV with Microban®** Flange (grey) Cover (red) Code	**Polypropylene PP FV with Microban®** Flange (white) Cover (red) Code	e	a	h	b	s	w	i	l	z	t	Bearing	Weight Kg	Spare parts: Cover orange Code	Spare parts: Cover red **Microban®** 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

- **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.

Microban® antibacterial protection

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

Bearing unit max. static load

shaft dia. d mm	PAFV N	PPFV N	PAFV N	PPFV N	PAFV N	PPFV N	PAFV N	PPFV 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

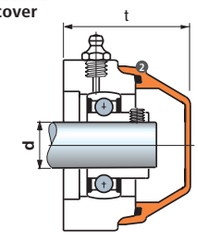
Bearing load

	YAR 2F - YAT - YET			YAR 2RF		
	Load coefficient			Load coefficient		
Ø albero d mm	dyn.[1] C N	stat. Co N	Max. [1] axial load N	dyn.[1] C N	stat. Co N	Max. [1] axial load N
17	9500	4750	1900	8000	4750	1600
20	12700	6550	2540	10800	6550	2160
25	14000	7800	2800	11900	7800	2380

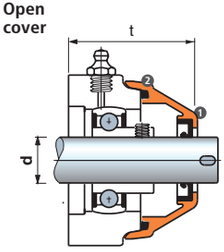
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Protection covers (accessory)

Closed cover



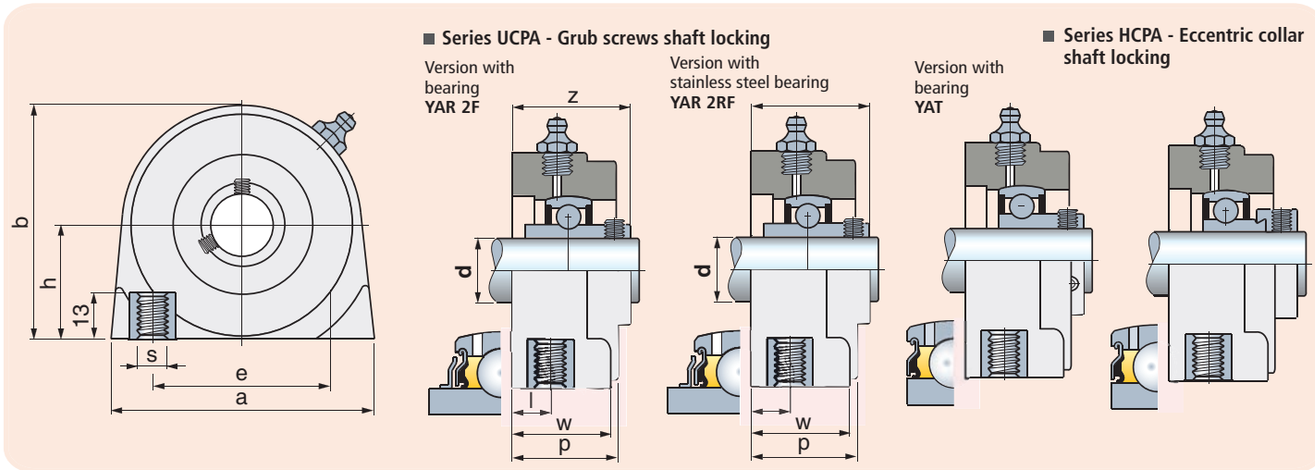
Open cover



❶ Seal
❷ O-Ring

dia. d mm	Accessories: Cover orange Microban® Code	Cover red Microban® Code	t mm
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/C-HCPA/C



dia. d mm	Series	Housing material: Polyamide PA FV Flange (black) Code	Polyamide PA FV with Microban® Flange (grey) Code	Polypropylene PP FV with Microban® Flange (white) Code	e	a	h	b	s	w	i	l	z	P	Bearing	Weight Kg
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.

Microban® antibacterial protection

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: Load coefficient dyn.1) C N	Bearing load: Load coefficient stat. Co N	Bearing load: Max. 1) axial load N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PPFV N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PPFV 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

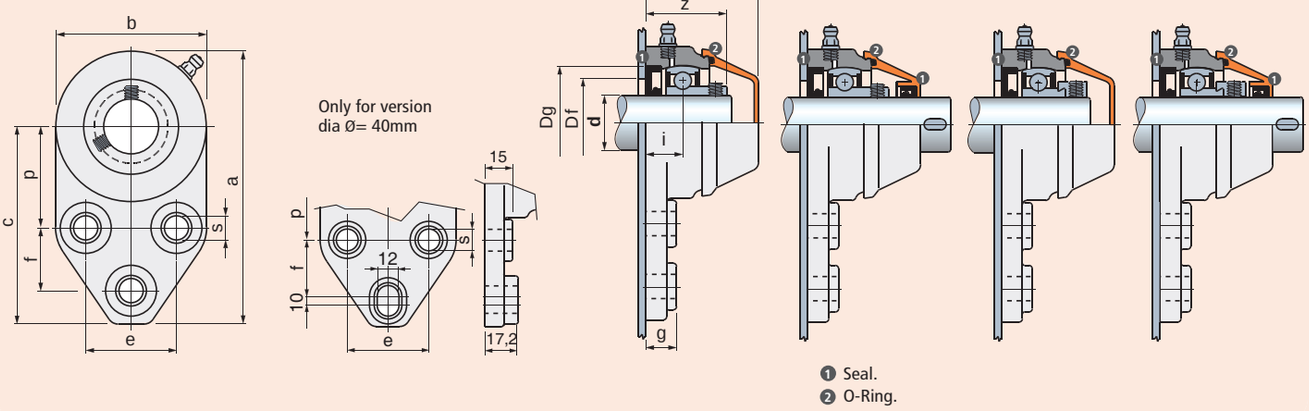
in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing

Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

UCFB/C HCFB/C



Ø d mm	Series	Housing material: Polyamide PA FV Solid Flange (black) Cover (orange) Code	Housing material: Polyamide PA FV with Microban® Solid Flange (grey) Cover (red) Code	Housing material: Polypropylene PP FV with Microban® Solid Flange (white) Cover (red) Code	a	b	c	p	e	f	s	g	i	z	t	Dg	Bore in frame[2] Df max	Bore in frame[2] Df min	Bearing	Weight Kg	Spare parts: Cover orange Code	Spare parts: Cover Red Microban® 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

- **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.

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

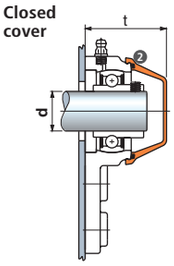
Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT - YET: Load coefficient dyn. C 1) N	Bearing load YAR 2F - YAT - YET: Load coefficient stat. Co N	Bearing load YAR 2F - YAT - YET: Max. axial load 1) N	Bearing load YAR 2RF: Load coefficient dyn. C 1) N	Bearing load YAR 2RF: Load coefficient stat. Co N	Bearing load YAR 2RF: Max. axial load 1) N	Bearing unit max. static load: PA FV N	Bearing unit max. static load: PP FV N	Bearing unit max. static load: PA FV N	Bearing unit max. static load: 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

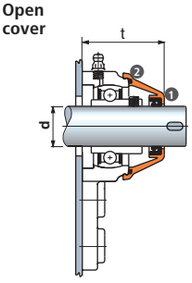
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Protection covers (accessories)

Closed cover



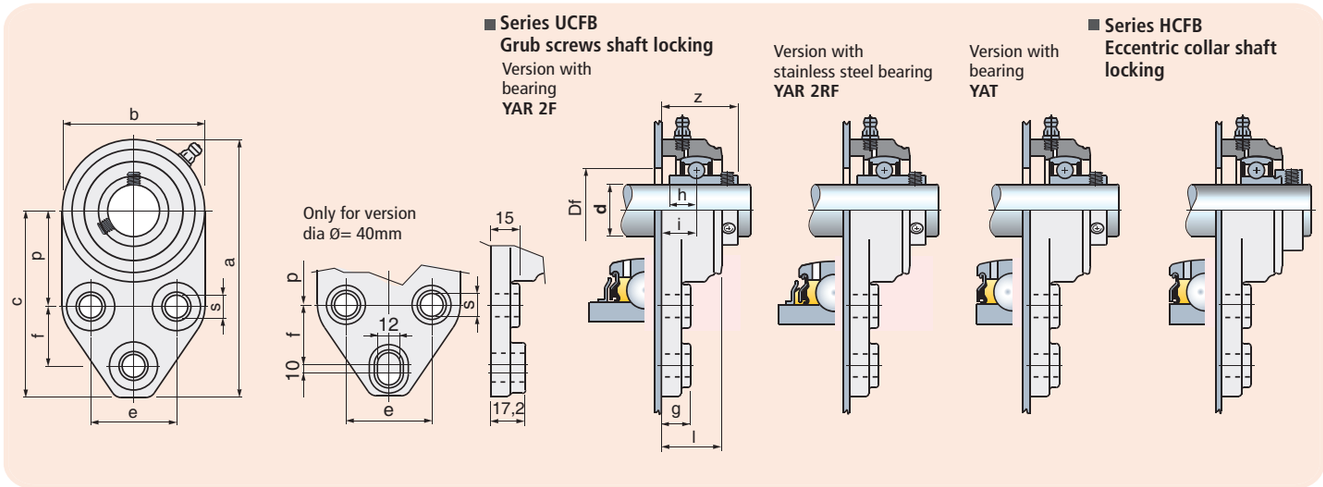
Open cover



❶ Seals
❷ Seals O-Ring

dia d mm	Accessories: Cover orange Microban® Code	Accessories: Cover red Microban® Code	t mm UCFB	t mm HCFB
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: Polyamide PA FV Solid Flange (black) Code	Polyamide PA FV with Microban® Solid Flange (grey) Code	Polypropylene PP FV with Microban® Solid Flange (white) Code	a	b	c	p	e	f	s	g	i	h	l	z	Bore in frame Df mm	Bearing	Weight Kg
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.

Microban® antibacterial protection

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

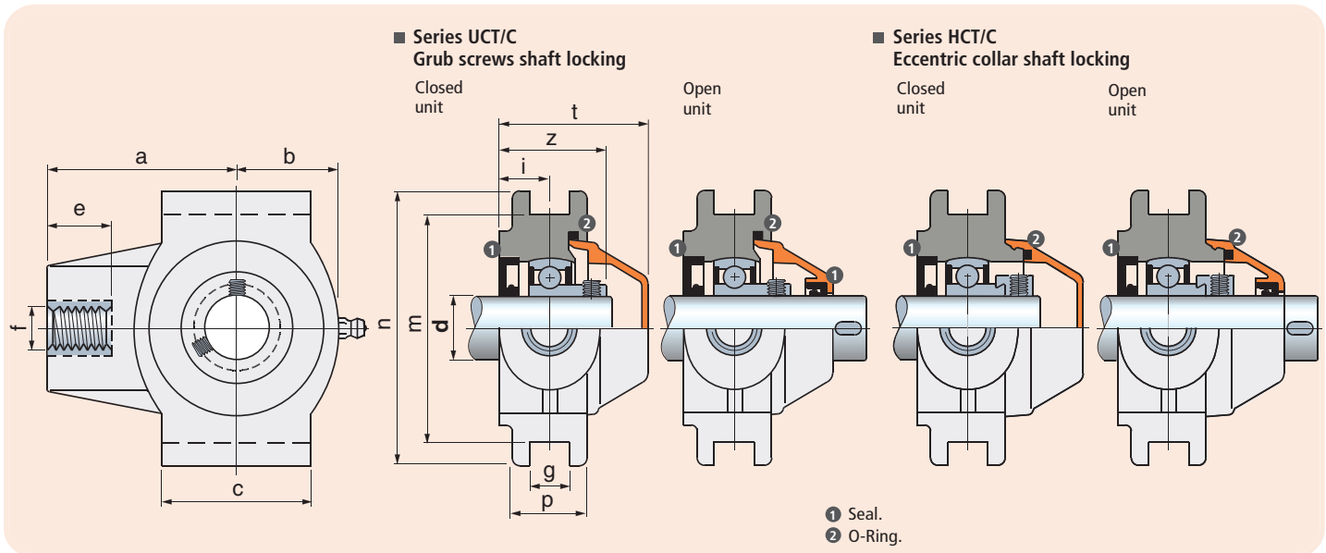
Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

Loads

Shaft dia. d mm	Bearing load: Load coefficient dyn.[1)] C N	Bearing load: Load coefficient stat. Co N	Bearing load: Max. [1)] axial load N	Bearing unit max. static load: PAFV 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.

UCT/C-HCT/C



dia. d mm	Series	Housing material: Polyamide PA FV Flange (black) Cover (orange) Code	Housing material: Polyamide PA FV with Microban® Flange (grey) Cover (red) Code	Housing material: Polypropylene PP FV with Microban® Flange (white) Cover (red) Code	a	b	c	e	f	g	i	m	n	Bearing	Weight Kg	Spare parts: Cover orange Code	Spare parts: Cover red with Microban® 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	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	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	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	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	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	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	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	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	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	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	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	YET 206	0,53	69965	653442

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-HCT

Accessories

- **Grub screws or eccentric collar shaft locking**
- **Version with bearing YAR 2F**
  The double ring guarantees maximumprotection 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.

Microban® antibacterial protection

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

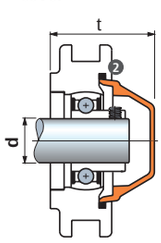
Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT - YET: Load coefficient dyn.[1] C N	stat. Co N	Max. [1] axial load N	Bearing load YAR 2RF: Load coefficient dyn.[1] C N	stat. Co N	Max. [1] axial load N	Bearing unit max. static load: PA FV 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

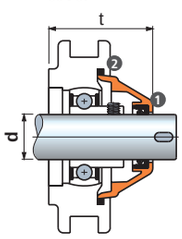
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Protection cover (accessories)

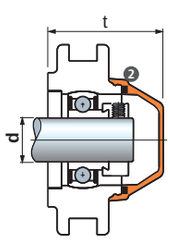
Series UCT
Closed cover



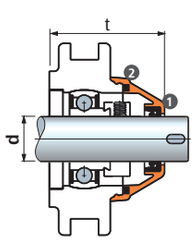
Series UCT
Open cover



Series HCT
Closed cover



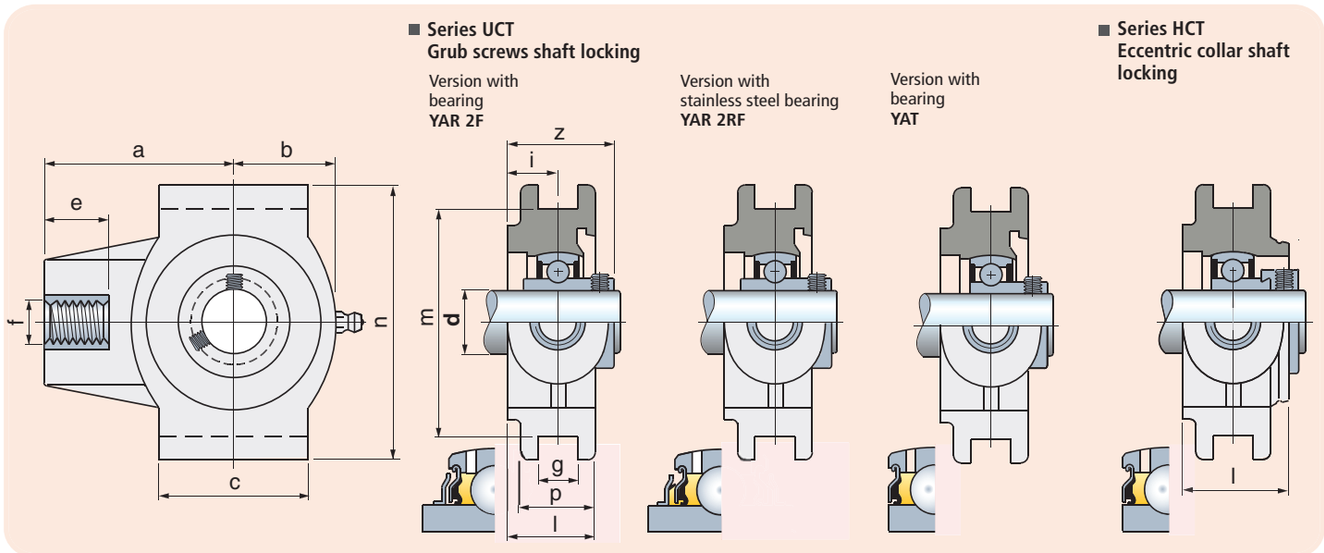
Series HCT
Open cover



❶ Seal
❷ O-Ring

dia. **d** mm	Accessories: Cover orange Code	Cover red with **Microban®** Code	t mm UCT	t mm HCT
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

UCT-HCT



dia. d mm	Series	Housing material: Polyamide PA FV Flange (black) Code	Polyamide PA FV with Microban® Flange (grey) Code	Polypropylene PP FV with Microban® Flange (white) Code	a	b	c	e	f	g	i	l	m	n	p	z	Bearing	Weight Kg
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: Load coefficient dyn.[1] C N	Bearing load: Load coefficient stat. Co N	Bearing load: Max. [1] axial load N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PPFV N	Bearing unit max. static load: PAFV N	Bearing unit max. static load: PPFV N
35	25500	15300	5100	19550	12650	23000	11500

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°.

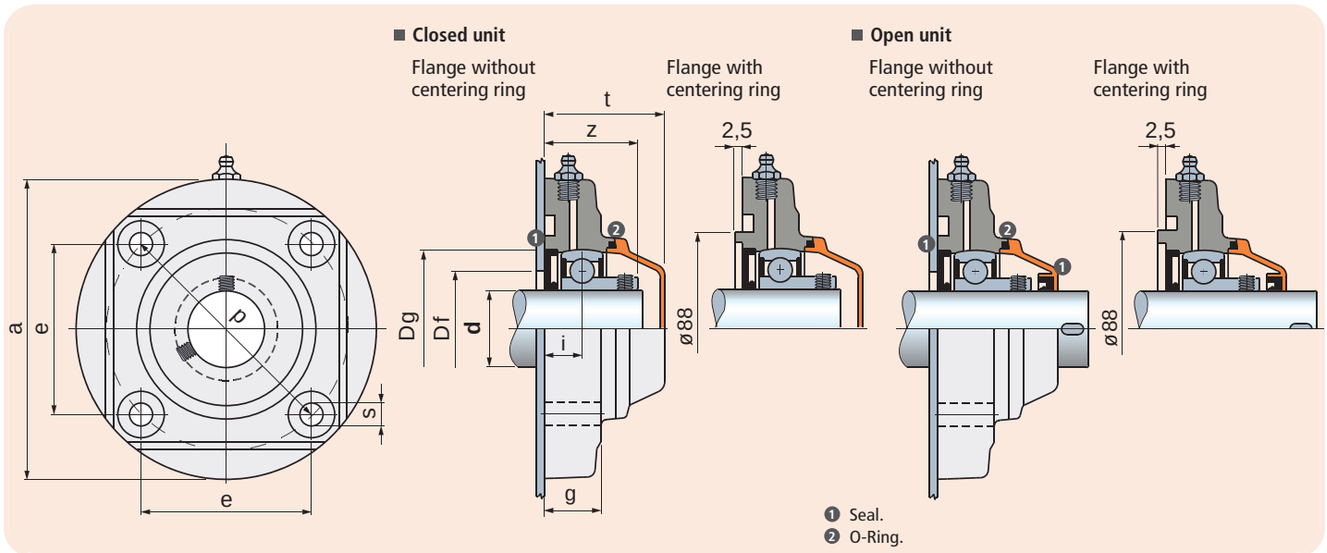
Bearing

Series YAT (grub screws shaft locking) • 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.

UCFC/C



dia. d mm	Flange	Series	Housing material: Polyamide PA FV Standard Flange (black) Cover (orange) Code	Housing material: Polypropylene PP FV Standard Flange (black) Cover (orange) Code	e	a	p	s	g	i	z	t	Dg	Bore in frame[2) Df max.	Bore in frame[2) Df min.	Bearing	Weight Kg	Spare parts: Cover orange 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 maximumprotection 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)

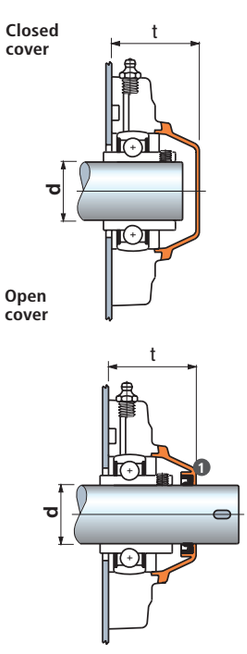
Code : 67843.
The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT: Coefficiente di carico din.[1] C N	Bearing load YAR 2F - YAT: Coefficiente di carico stat. Co N	Bearing load YAR 2F - YAT: Carico [1] assiale max N	Bearing load YAR 2RF: Coefficiente di carico din.[1] C N	Bearing load YAR 2RF: Coefficiente di carico stat. Co N	Bearing load YAR 2RF: Carico [1] assiale max N	Bearing unit max. static load: PA FV N	Bearing unit max. static load: 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.

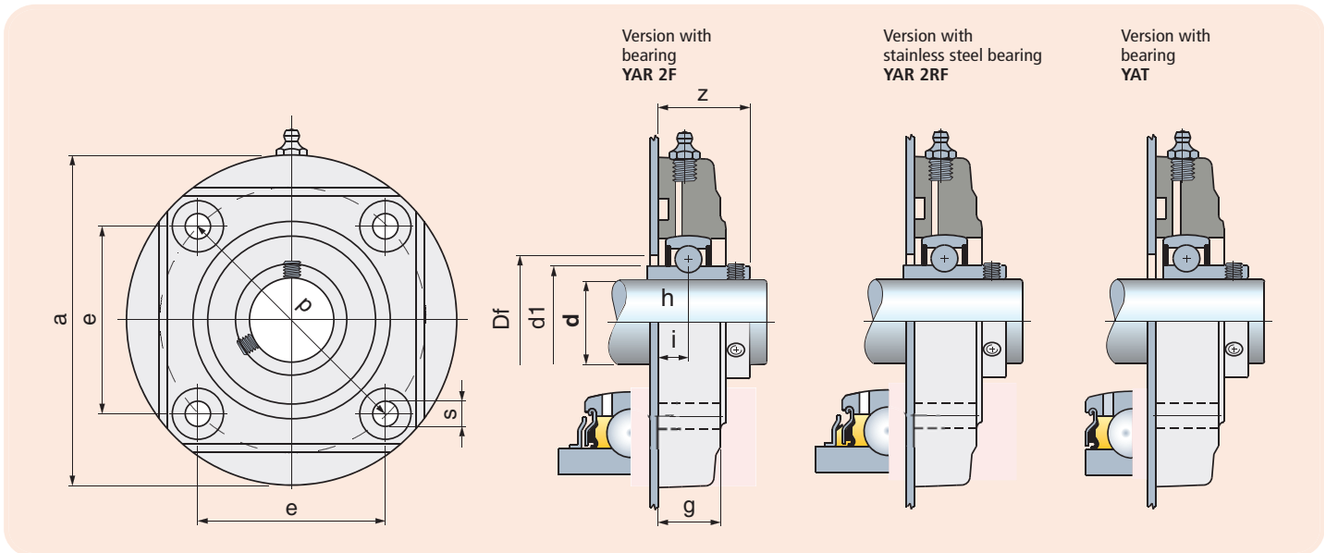
Protection covers (accessory)



❶ Seals

Ø d mm	Accessories: Cover orange Code	t mm
Closed cover supplied without seals		
35	63232	50
Open cover supplied with seals		
35	604042	50

UCFC



dia. d mm	Series	Housing material: Polyamide PA FV Standard Flange (black) Code	e	a	p	s	g	i	h	z	d1	Bore in frame Df mm	Bearing	Weight Kg
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 costumer 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.

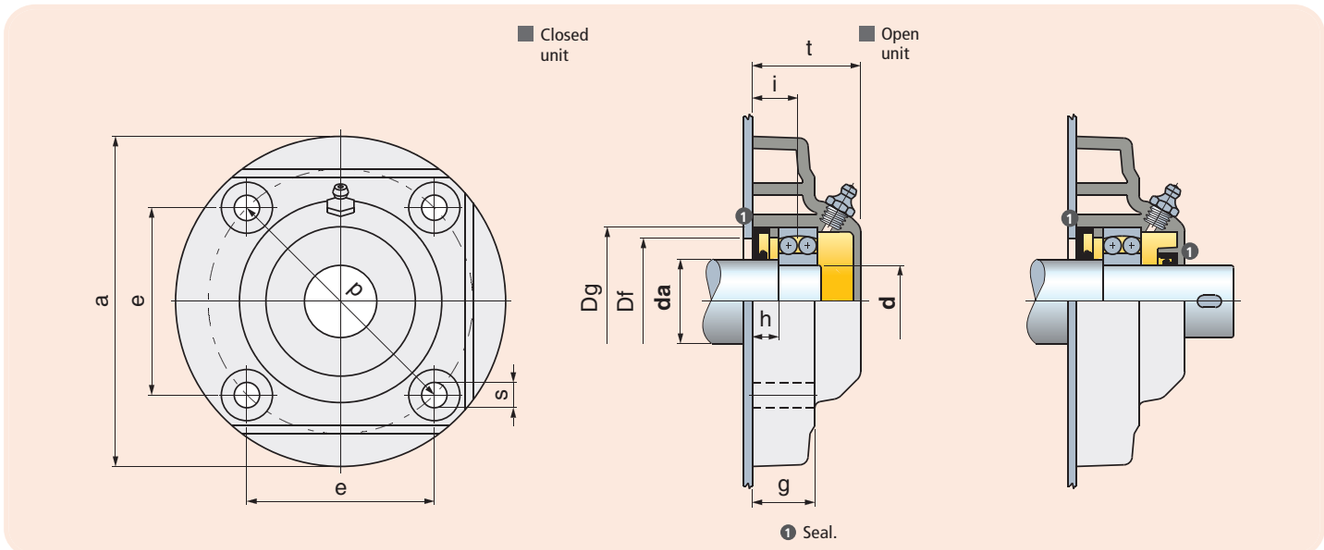
Quick coupler for remote lubrication (accessories)

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 load: Bearing dia. d mm	Bearing load: Load coefficient dyn. C N	Bearing load: Load coefficient stat. Co N	Bearing unit max. static load: PAFV N	PAFV N	PAFV N	PAFV N	PAFV N
35	30	15600	4650	17250	11500	17250	23000	12650

FC



Shaft dia. **da** mm	Bearing dia. d mm	Series	Housing material: **Polyamide PA FV Standard** Flange (black) Code	Housing material: **Polypropylene PP FV** Standard Flange (black) Code	e	a	p	s	g	i	h	t	Dg	Bore in frame[2) Df max.	Bore in frame[2) Df min.	Bearing	Weight Kg
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

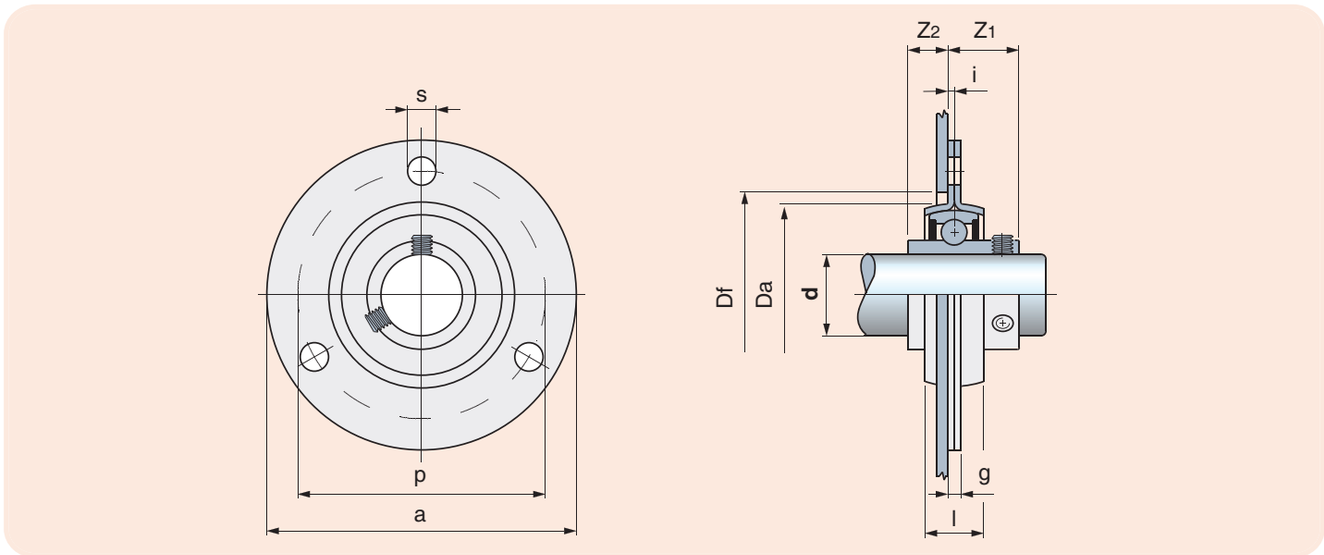
Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Prelubricated with lithium/ calcium grease • Can be relubricated.

Loads

Shaft dia. d mm	Bearing load: Load coefficient dyn.[1)] C N	Bearing load: Load coefficient stat. Co N
25	11900	7800

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

SBF



Ø d mm	Series	Housing material: Stainless steel AISI 304 Code	Dimensions in mm p	a	s	g	i	l	Z1	Z2	Bore in frame Df	Bearing	Weight Kg
25	SBF 205	**604562**	76	95	8,7	4	2	18	21,8	12,3	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 - UCFSL/C - UCP/C - UCP

Seal

Ball type greasing nipple

Ø 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 PAFV version, ball type stainless steel AISI 316 for PPFV version.

F - FL - FC

Seal

Ball type greasing nipple

Ø 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 PAFV version, ball type stainless steel AISI 316 for PPFV version.

UCPA/C- UCPA - UCFB/C - UCFB - UCT/C - UCT

Seal

Ball type greasing nipple

Ø 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 PAFV version, ball type stainless steel AISI 316 for PPFV version.

Technical information

1) Bearings

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- Static load capacity control B56
- Equivalent static load calculation B56

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- Relubrication B57
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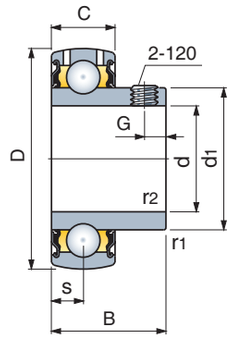
- Installation/removal of covers B61

Bearings

Bearings with grub screw locking system

Prelubricated with long lasting lithium/calcium grease • Can be rilubricated

Series **YAT**

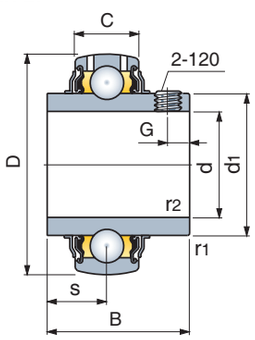


d mm	Bearing type	Dimensions in mm d1	D	B	C	s	G	r1, r2 min.	Grub screws	Load coefficient dyn. C N	stat. Co N	Weight Kg
17	YAT 203	24,2	40	22,1	12	6,2	4	0,3	M6x0,75	9500	4750	0,07
20	YAT 204	28,2	47	25,5	14	7,2	4,5	0,6	M6x0,75	12700	6550	0,11
25	YAT 205	33,7	52	27,2	15	7,7	5	0,6	M6x0,75	14000	7800	0,14
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**

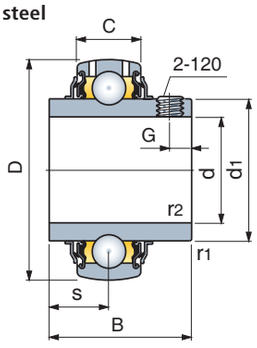


d mm	Bearing type	Dimensions in mm d1	D	B	C	s	G	r1, r2 min.	Grub screws	Load coefficient dyn. C N	stat. Co N	Weight Kg
17	YAR 203 2F	24,2	40	27,4	12	11,5	3,5	0,3	M6x0,75	9500	4750	0,09
20	YAR 204 2F	28,2	47	31	14	12,7	4,5	0,6	M6x0,75	12700	6550	0,14
25	YAR 205 2F	33,7	52	34,1	15	14,3	5	0,6	M6x0,75	14000	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 d1	D	B	C	s	G	r1, r2 min.	Grub screws	Load coefficient dyn. C N	stat. Co N	Weight Kg
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

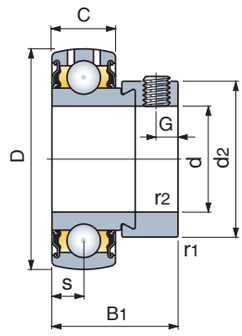
Stainless steel AISI 420.

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 d2	D	B1	C	s	G	r1, r2 min.	Grub screws	Load coefficient dyn. C N	stat. Co N	Weight Kg
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.

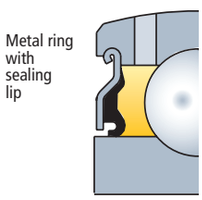
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Bearings

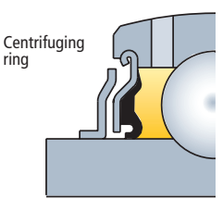
Seals

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.

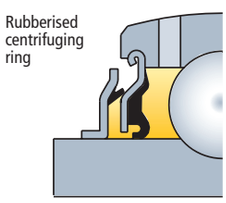
Series **YAT- YET**



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

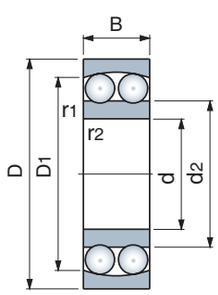
Axial load capacities

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 D	B	d2	D1	r_1, r_2 min.	Load coefficient dyn. C N	stat. Co N	Revolutions RPM	Weight Kg
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.

$$L_{10} = \left(\frac{C}{P}\right)^3$$ Life in Millions revolutions

When bearings rotate at constant speed it is more practical to calculate the life in number of hours

$$L_{10h} = \frac{16666}{n} \cdot \left(\frac{C}{P}\right)^3$$ 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).

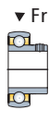
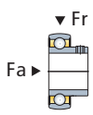
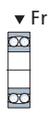
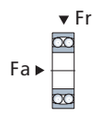
Correct expected life

In the majority of cases, for self alinging 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 Pu (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 • Fr + Y • Fa**
1200		**P = Fr**
		**P = Fr + Y1 • Fa** with $\frac{Fa}{Fr} \leq e_1$ **P = 0,65 • Fr + Y2 • 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.
e_1, Y_1, Y_2 = 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

Co = Static load coefficient (N). The values are indicated in the support dimensional tables.

Table 4 - Factors e_1, Y_1, Y_2, Y_o

Int. dia. bearing mm	e_1	Y_1	Y_2	Y_o
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

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 exists 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 fs must not exceed the recommended values given in Table 5 in order to obtain a satisfactory performance of the bearings.
Coefficient fs gives the safety margin against excessive permanent deformation of the revolving parts of the bearing.

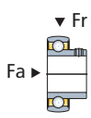
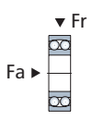
$$fs = \frac{Co}{Po}$$

fs = static safety coefficient.
Co = static load coefficient (N). The values are given in the support dimensional tables.
Po = equivalent static load (N). See calculation formula given below.

Table 5 - Static safety coefficient fs for MB bearings

	Revolving bearings			
Type of operation	Noise level not important	Normal noise level operation	Low noise level operation	Non revolving bearings
Smooth operation without vibration	0,5	1	2	0,4
Normal operation	0,5	1	2	0,5
Impact loads operation	? 1,5	? 1,5	? 2	? 1

Equivalent static load Po calculation

Bearing type	Load direction on the bearing	Equivalent dynamic load P (N) calculation formula
YAT YET YAR 2F YAR 2RF		**Po = 0,6 • Fr + 0,5 • Fa** If Po < Fr, then assume Po = Fr.
1200		**Po = Fr + Yo • Fa**

Po = equivalent static load (N).
Fr = radial load on the bearing (N).
Fa = axial load on the bearing (N).
Yo = 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

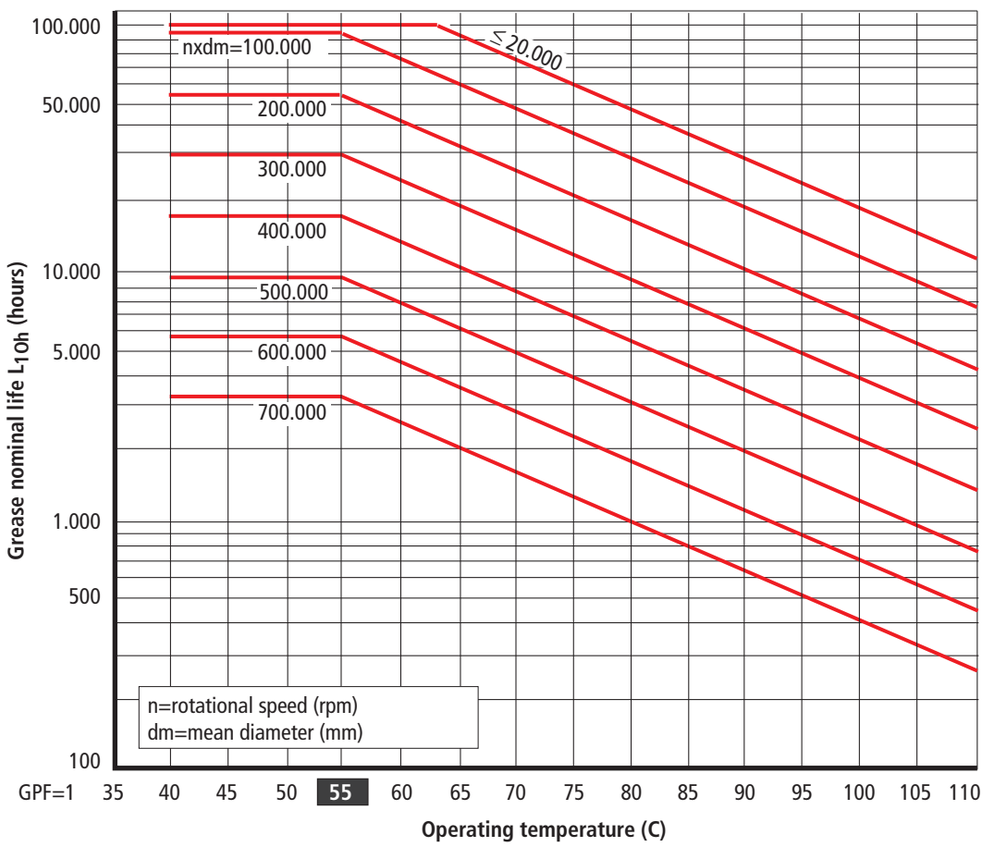
This procedure allows to calculate the grease life as a function of its quality and bearing type, dimension, rotating speed, applied loads and working temperature.

$$L_h = L_{10h} \times F_C \quad \text{Grease life (hours)}$$

L_h = Grease life (hours).
L_{10h} = Grease nominal life (hours). See Diagram 1.
Fc = Correction factor. See Diagram 2.

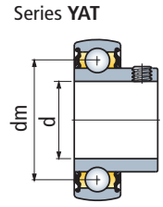
Diagram 1
- Grease nominal life L_{10h}

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.

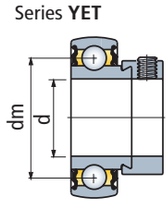


dm (mm) = mean diameter.

Series **YAT**



Series **YET**



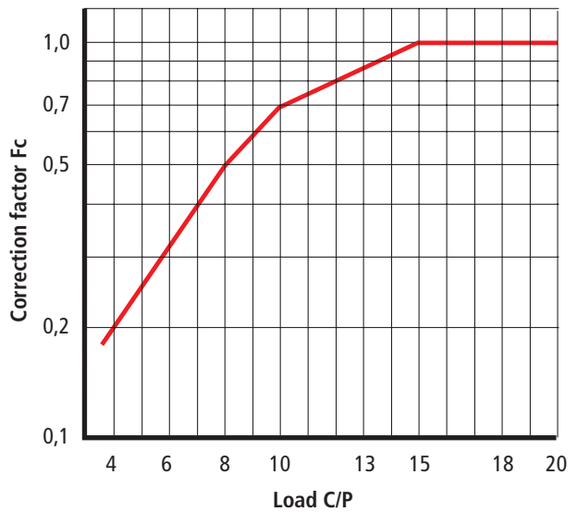
dia. d mm	dia. dm mm
17	28,5
20	33,5
25	38,5
30	46
35	53,5
40	60
45	65
50	70

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 **Fc**

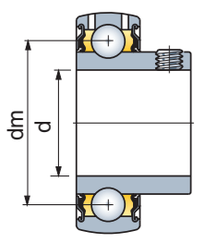
The corrective factor Fc, keeps into cosideration the influence of load applied on bearings as a function of load ratio C / P. With low loads (C/P $\geq$ 15) the duration of the grease is not influenced by load values.



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

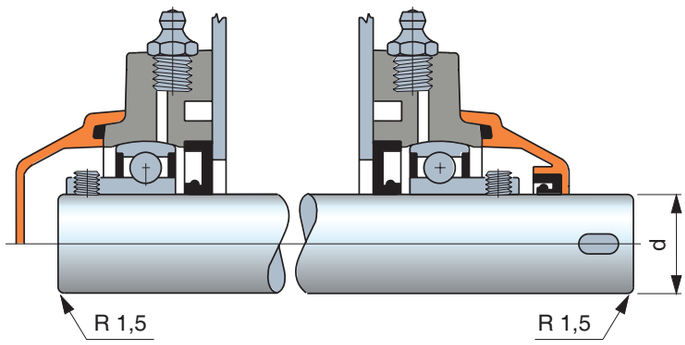


Data :
- Bearing type YAT 208.
- d=40 mm (shaft dia.).
- dm = 60 mm. (bearing mean dia.).
- n=300 rpm. (rotational speed).
- 55 C (grease operating temperature).
- C=23600 N (Dynamic load coefficient).
- P = 3000 N (equivalent dynamic load).
- From Diagram 1, as a function of :
  nxdm = 300 rpm x 60 mm = 18000
  we read a nominal grease life of :
  L_{10h}=100000 hours.
- From Diagram 2, as a function of :
  C/P = 23600 N : 3000 N = 7,8
  we read a corrective factor of :
  Fc=0,5.
- Calculation of estimated grease life :
  $L_h = L_{10h} x Fc$ = 100000 hoursx0,5 = 50000 hours.

Shaft tolerances

Tolerances for grub screws/ eccentric collar locked bearings

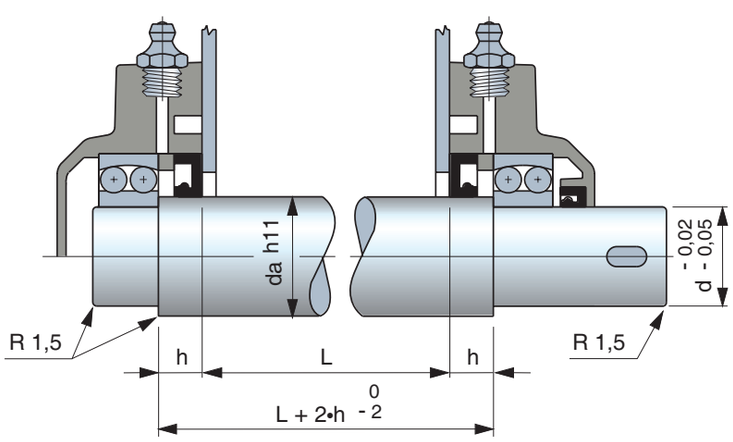
- The tables indicate shaft diameter tolerances.
- Shaft ends must be rounded off in order to:
  - ease assembly and avoid bearing jamming.
  - avoid damages to the rubber parts of the sealing units.
- The shaft surface for the portion in contact with the sealing gaskets must be smooth and free of defects (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 h 9		h 10		h 11	
	plus	min.	plus	min.	plus	min.	plus	min.	plus	min.	plus	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

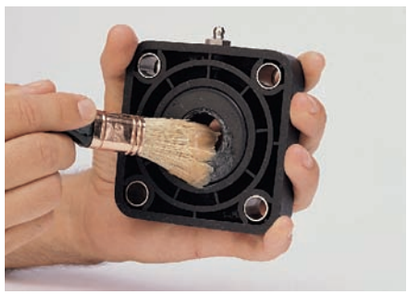
- Shaft ends must be rounded off in order to:
  - ease assembly and avoid bearing jamming.
  - avoid damages to the rubber parts of the sealing units.
- The shaft surface for the portion in contact with the sealing gaskets must be smooth and free of defects (scratches etc.).
- The mounting shaft/bearing is free to facilitate assembly. For heavy radial loads conditions it is recommended a slightly tight mounting.

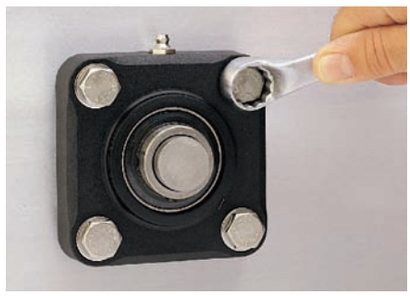
Mounting

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

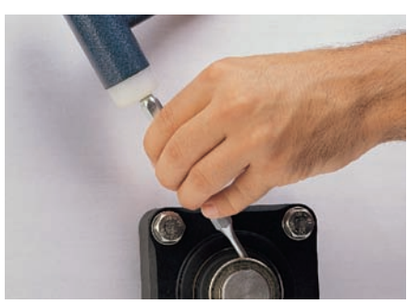
3 - The table gives the recommended maximum tightening couples for the grub screws and the size of the hexagonal to use.

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	3	4	4	4
20	3	3	3	4	4	4
25	3	3	3	4	4	4
30	3	3	4	4	4	6,5
35	3	3	5	4	4	16,5
40	3	3	5	4	4	16,5
45	3	4	5	4	6,5	16,5
50	4	5	5	6,5	16,5	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 CHEMICAL AGENT	POLYAMIDE PA Conc.% 23° C	POLYPROPYLENE PP Conc.% 23° C	POLYETHYLENE PE Conc.% 23° C	ACETAL POM Conc.% 23° C	AISI 303 AISI 304 Conc.% 23° C	AISI 316 Conc.% 23° C	NICKEL PLATED BRASS Conc.% 23° C	NBR RUBBER Conc.% 23° C	VITON RUBBER 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	+	+	+	+	+	+	+	–	

Technical information
marbett®

Resistance against chemical agents CHEMICAL AGENT	POLYAMIDE PA Conc.% 23° C	POLYPROPYLENE PP Conc.% 23° C	POLYETHYLENE PE Conc.% 23° C	ACETAL POM Conc.% 23° C	AISI 303 AISI 304 Conc.% 23° C	AISI 316 Conc.% 23° C	NICKEL PLATED BRASS Conc.% 23° C	NBR RUBBER Conc.% 23° C	VITON RUBBER 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	+	/						+	+
TRICHLORETHYLENE	/	/	+	-	+		+	–	+
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 Min	Max	contact with hot water 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

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Serie HCT	B40
Serie HCT/C	B38
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Serie UCF/C	B06
Serie UCF/CL	B08
Serie UCFB	B36
Serie UCFB/C	B34
Serie UCFC	B44
Serie UCFC/C	B42
Serie UCFL	B20
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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 moded and conditioned (40h - 23C - 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.