

PRODUCT CATALOGUE
2006

MARBETT®

CONVEYOR COMPONENTS
SUPPORTING AND LEVELLING ELEMENTS
SELF-ALIGNING BEARINGS



FlatTop Europe

REXNORD
PRECISION. POWER. PERFORMANCE.

CONVEYOR COMPONENTS

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SUPPORTING AND LEVELLING ELEMENTS

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SELF-ALIGNING BEARINGS

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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 Rexnord's focus on product development, application engineering, operations and customer service.

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

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

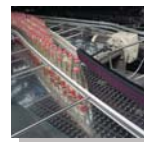
Rexnord chains and belts are being used to convey a wide variety of products: bottles, cans, boxes, crates, tires, loose food, glass jars, PET containers, trays; shortly every transport in production halls in virtually any industry.

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

The industries served

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

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



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

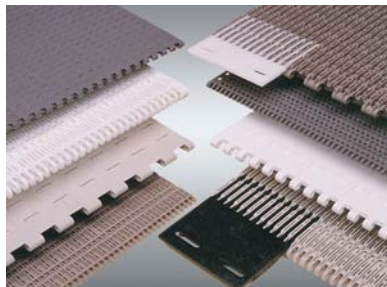


For food industry applications modular belts and components with Microban antibacterial protection are used in deboning, grading and trimming lines for meat, poultry and seafood. A wide range of products is also offered for blanchers, cookers, washers, coolers and processing lines in fruit, vegetables,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



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

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



Rexnord and MCC TableTop chains and MatTop belts

The product line can be split up into:



- Steel slatband chains

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

- Plastic slatband chains

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



- Plate Top and Gripper chains

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

- Case conveyor and Multiflex chains

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



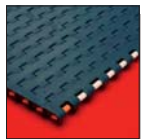
- Curves

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

in your applications with short delivery times.

- Modular belts

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



Marbett conveyor components

The product line can be split up into:

- Chain guide components

Profiles, corner tracks, straight tracks, return rollers, serpentine, plugs for connections.



- Product handling components

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

- Frame support components

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



- Supporting and leveling elements

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

- Self-aligning bearings

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



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

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<i>Corner Tracks and Straight Tracks</i>	Page S34
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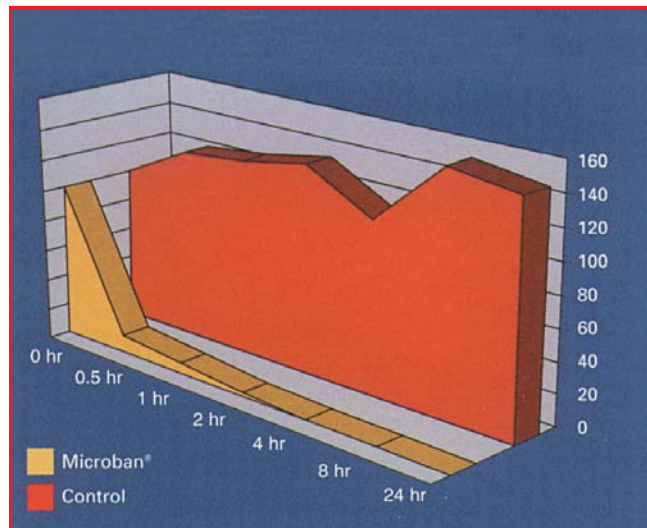
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<i>Guide-Rail Clamps</i>	Page S104
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Material characteristics

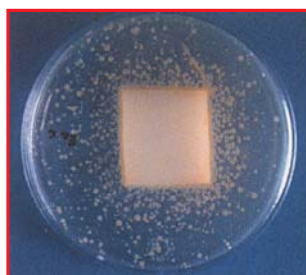


- By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.
- Independent laboratory tests have proven Microban® to be effective throughout the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

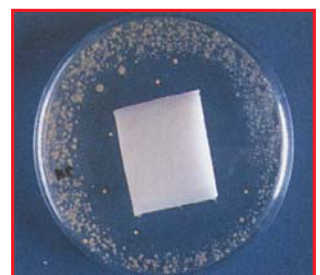


◀ Bacteria E.Coli in Microban® plastic comKuK compared to identical untreated plastic

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



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



FRAME SUPPORT COMPONENTS

<i>Side Mounting top Brackets</i>	Page S160
<i>Bearing Heads</i>	Page S162
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<i>Articulated Feet</i>	Page S170
<i>Connecting Joints</i>	Page S172
<i>Support Heads (Stainless steel)</i>	Page S177
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MISCELLANEOUS COMPONENTS

<i>Line Control Elements</i>	Page S182
<i>Hinges</i>	Page S186
<i>Locks</i>	Page S188
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<i>Modular transfer roller plate</i>	Page S194
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TECHNICAL INFORMATION

Technical information Pag. S204

Polyamide PA

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

Material characteristics

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.

597

Part./Art./Réf. 656-731  S98	Part./Art./Réf. 736-737-738  S107	Part./Art./Réf. 739  S108	Part./Art./Réf. 740  S108	
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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.

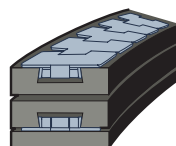


Part. 422 - Pag. S30
Multiple strands 82,5 mm
(K 325)/ pitch 85-83,5 mm.

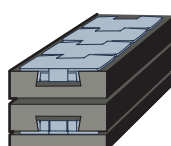


Part. 369 - Pag. S31
Connecting bar for
Part. 422.

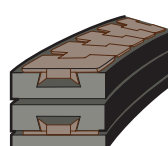
Corner Tracks and Straight Tracks



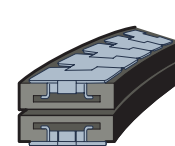
Serie KSU - Pag. S34
Corner tracks for chains
Series 881-8811-880-879.



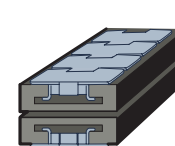
Serie SSU - Pag. S34
Straight tracks for chains
Series 881-8811-880-879.



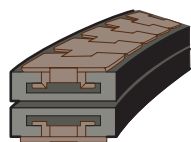
Serie KSU 200 - Pag. S35
Straight tracks for Series
882.



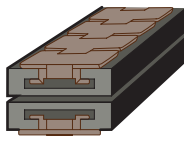
Serie KTU - Pag. S36
Corner tracks for Series 881T-8811T-
879T-880T-RH-RHD-1050T-1055T.



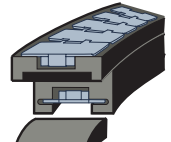
Serie STU - Pag. S36
Straight tracks for Series 881T-8811T-
879T-880T-RH-RHD-1050T-1055T.



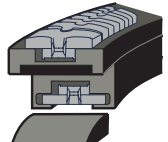
Serie KTU 200 - Pag. S37
Corner tracks for Series
882 TAB-HDF.



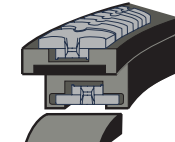
Serie STU 200 - Pag. S37
Straight tracks for Series
882 TAB-HDF.



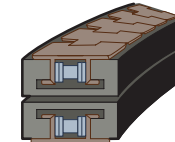
Serie COMBI C - Pag. S38
Magnetic corner tracks Series 881M-
RHM-RHMD 325 LBP-HDFM LBP.



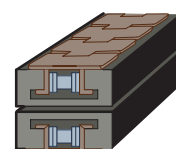
Serie COMBI CB - Pag. S39
Magnetic corner tracks Series
FGM 1050 - FTM 1060.



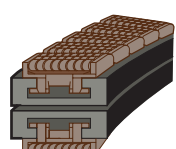
Serie COMBI CC - Pag. S39
Magnetic corner tracks
Series FTM 1055.



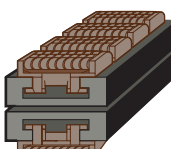
Serie KTU 300 - Pag. S40
Corner tracks for Series
1874-1873-3873.



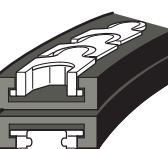
Serie STU 300 - Pag. S40
Straight tracks for Series
1874-1873-3873.



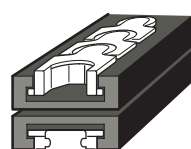
Serie KTU 200 - Pag. S41
Corner tracks for Series
LBP 883.



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.



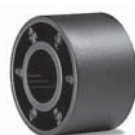
Part. 125 - Pag. S44
Double roller ø 42,5 mm. Multiple
strands K82,5 / pitch 88.



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.



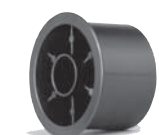
Part. 388 - Pag. S45
Roller ø 42,5 mm. Multiple
strands K87 / pitch 88



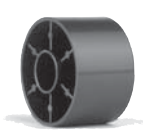
Part. 727 - Pag. S46
Roller ø 46 mm. high sanitation.
Multiple str. K82,5/84-K114,3/120.



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.



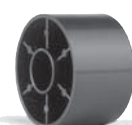
Part. 758 - Pag. S49
Roller ø 60 mm. Multiple
strand K82,5 / pitch 85.



Part. 624 - Pag. S49
Distance gear.



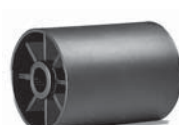
Part. 556 - Pag. S50
Roller ø 60 mm. For K82,5. Multiple
strand K82,5 / pitch 83,5-88.



Part. 554 - Pag. S50
Roller ø 60 mm. Multiple
strands K82,5/pitch 83,5-88.



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.

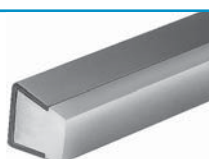


Part. 566 - Pag. S59
Expansion plug for square
tubes 20 mm.



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.



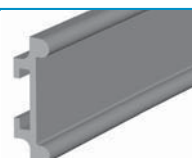
Part. 422 - Pag. S70
Extra flat guide rail.
Rugged containers.



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



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



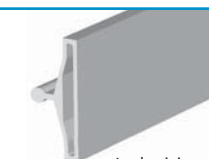
Part. 640 - Pag. S71
Round guide rail.



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



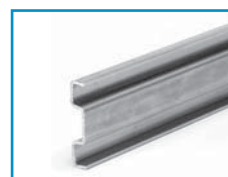
Part. 721 - Pag. S86
Roller centre guides.
Cans.



Part. 730 - Pag. S87
Separation Block.



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



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



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



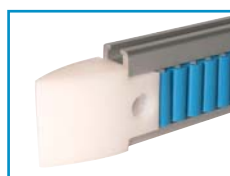
Part. 757 - Pag. S90
Roller side guides.
In aluminium



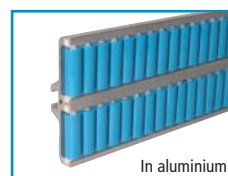
Part. 760 - Pag. S90
Separation Block.



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



Part. 759 - Pag. S91
Separation Block.



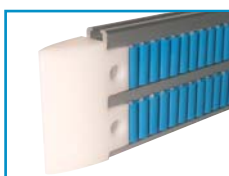
Part. 757 - Pag. S92
Roller side guides.
In aluminium



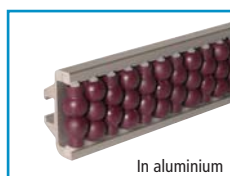
Part. 760 - Pag. S92
Separation Block.



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



Part. 759 - Pag. S93
Separation Block.



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



Part. 760 - Pag. S94
Separation Block.



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



Part. 759 - Pag. S95
Separation Block.



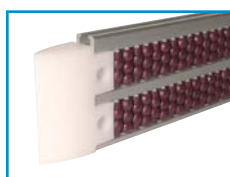
Part. 756 - Pag. S96
Pearl™ rolles side guide.
In aluminium



Part. 760 - Pag. S96
Separation Block.



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



Part. 759 - Pag. S97
Separation Block.



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



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



Curviline

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



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



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



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



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



Part. 233 - Pag. S102
Rollers for bending.

Guide Rail Clamps



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



Part. 210 - Pag. S104
Guide rail clamp.



Part. 275 - Pag. S105
Guide rail clamp.



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



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



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



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



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



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



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



Part. 903 - Pag. S109
ViseClamp™.



Part. 216 - Pag. S109
Guide rail clamp.



Part. 215 - Pag. S109
Guide rail clamp.



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



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.



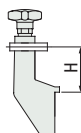
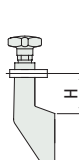
Part. 72 - Pag. S124
Bracket.



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 use the proper spacer



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



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



Part. 107 - Pag. S127
Bracket with eyebolt.



Part. 599 - Pag. S127
Bracket with eyebolt.



Part. 617 - Pag. S128
Bracket with eyebolt.



Part. 140 - Pag. S128
Bracket with eyebolt.



* Part. 632 - Pag. S129
Adjustable bracket.



* Part. 635 - Pag. S130
Adjustable bracket.



Part. 636 - Pag. S130
Adjustable bracket.



* Part. 637 - Pag. S131
Adjustable bracket.



* Part. 638 - Pag. S131
Adjustable bracket.



Part. 648 - Pag. S132
Adjustable bracket.



Part. 650 - Pag. S133
Adjustable bracket.



Part. 651 - Pag. S133
Adjustable bracket.



Part. 652 - Pag. S134
Adjustable bracket.



Part. 653 - Pag. S135
Adjustable bracket.

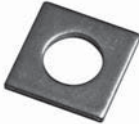


Part. 540 - Pag. S136
Adjustable bracket.



Part. 542 - Pag. S137
Adjustable bracket.

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

					
Part. 541 - Pag. S137 Adjustable bracket.	Part. 544 - Pag. S138 Adjustable bracket.	Part. 543 - Pag. S139 Adjustable bracket.	Part. 255 - Pag. S140 Swivel head.	Part. 359 - Pag. S140 Swivel head.	Part. 256 - Pag. S140 Swivel head.
					
Part. 192 - Pag. S141-149 Swivel head.	Part. 227 - Pag. S141 Spacer for adjustable brackets.	Part. 96 - Pag. S141 Square washer for Part.72-81-88-89.	Part. 61 - Pag. S142 Spacer.	Part. 142 - Pag. S142 Spacer.	Part. 545 - Pag. S143 Spacer.
					
Part. 725 - Pag. S143 Spacer.	Part. 226-336 - Pag. S144 Drip tray support. Bent rod.	Part. 226-336 - Pag. S144 Drip tray support. Straight Rod.	Part. 338 - Pag. S145 Mounting plate for Part.226-336.	Part. 678 - Pag. S146 Adjustable side bracket.	Part. 679 - Pag. S146 Adjustable side bracket.
					
Part. 680 - Pag. S147 Adjustable side bracket.	Part. 681 - Pag. S147 Adjustable side bracket.	Part. 682 - Pag. S148 Adjustable side bracket.	Part. 677 - Pag. S148 Adjustable side bracket.	Part. 683 - Pag. S149 Eyebolt (with knob).	Part. 684 - Pag. S149 Eyebolt (with nut).
					
Part. 705 - Pag. S150 Side bracket.	Part. 704 - Pag. S150 Side bracket.	Part. 699 - Pag. S151 Side bracket.	Part. 718 - Pag. S151 Side bracket.	Part. 692 - Pag. S152 Side bracket.	Part. 692 - Pag. S152 Side bracket.
					
Part. 691 - Pag. S152 Cross clamp.	Part. 663 - Pag. S153 Locking clamp for round steel rod.	Part. 661 - Pag. S153 Cross clamp.			
Connecting Clamps					
		Part. 340 - Pag. S154 Cross clamp. Round and square holes.	Part. 174-174R - Pag. S154 Cross clamp. Round hole.	Part. 174Q - Pag. S155 Cross clamp. Round hole + square hole.	Part. 732 - Pag. S155 Cross clamp.
					
					Part. 339 - Pag. S156 T clamp.



Part. 595 - Pag. S156
T clamp.



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



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



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



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



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



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

Side Mounting top Brackets



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



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



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



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



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

Bearing Heads



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



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



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



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



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

Support Bases



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



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



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



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



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



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



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



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



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



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



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

Articulated Feet



Part. 98 - Pag. S170
Articulated feet.



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



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



Part. 627 - Pag. S179
Articulated feet Gripper.



Part. 623 - Pag. S179
Articulated feet Gripper.

Connecting Joints



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



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



Part. 564 - Pag. S173
Connecting joint for square
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
misaligned mounting surfaces.



Part. 272 - Pag. S188
Lock.

Tightening Elements



Part. 302 - Pag. S189
Ratchet handle clamping.



Part. 303 - Pag. S189
Ratchet handle clamping.



Part. 182 - Pag. S190
Tightening knob.



Part. 183 - Pag. S190
Tightening knob.



Part. 625 - Pag. S191
Tightening knob.



Part. 185 - Pag. S192
Tightening knob.



Part. 671 - Pag. S192
Tightening knob.



Part. 734 - Pag. S193
Tightening knob.

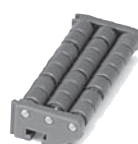
Modular transfer roller plate



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



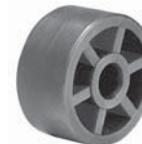
Part. 672 - Pag. S194
End transfer module
(with lip).



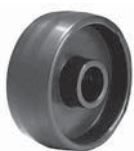
Part. 569 - Pag. S195
End transfer module.



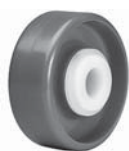
Part. 568 - Pag. S195
Centre transfer module.



Part. 20-21 - Pag. S196
Roller.



Part. 16 - Pag. S196
Roller.



Part. 76 - Pag. S196
Roller.



Part. 63-95 - Pag. S197
Roller.



Part. 363 - Pag. S197
Roller.



Part. 455 - Pag. S197
Roller.

Modular Nose-Over Bar



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



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

Shaft collars



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



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

Winding Tensioners



Part. 79 - Pag. S200
Winding tensioner.



Part. 75 - Pag. S200
Winding tensioner.

Caps



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



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



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

Cable Carriage Chains



Part. 112 - Pag. S202
Cable carriage chain.



Part. 114 - Pag. S202
Attachments.

Nozzles

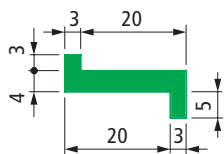


Part. 19 - Pag. S203
Nozzle conical shape.



Part. 18 - Pag. S203
Nozzle shell shape.

Part. 262



Reinforced version

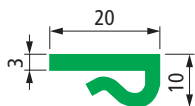
Chain guide profile

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

* = new product

- Standard packaging : coil.

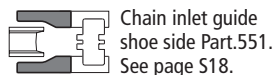
Part. 261



Chain guide profile

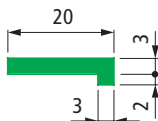
Part.	Packaging metres	Code	
		With Microban®	Without Microban®
261	40	651992	65681

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



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

Part. 243



Chain guide profile

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

* = New product

- Colour : white (with Microban®), Farbe : weiß (mit Microban®), grün (ohne Microban®) green (without Microban®)
- Standard packaging : coil.
- Accessories : Chain inlet guide shoe side Part.551. See page S18.

Material

Polyethylene UHMWPE with molecular density 5.600.000.

Linear expansion coefficient

2×10^{-4}

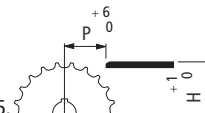
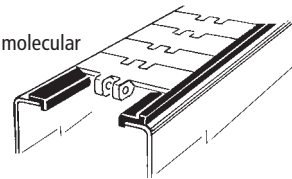
Calculation of thermal expansion see page S204.

Operating temperature

In air (- 40 to + 80 C).

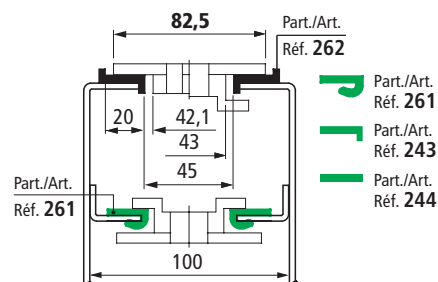
In hot water (+ 70 C).

Position of guides. See page S205.

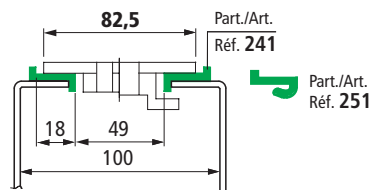


TableTop® chains series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

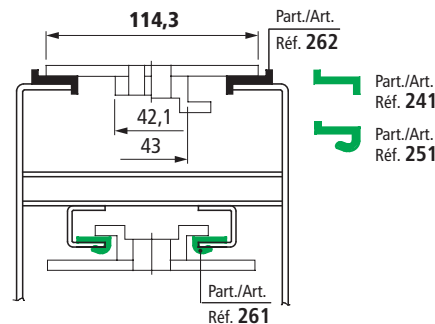
Chain width 82,5 mm (K 325) / Guide clearance 45 mm



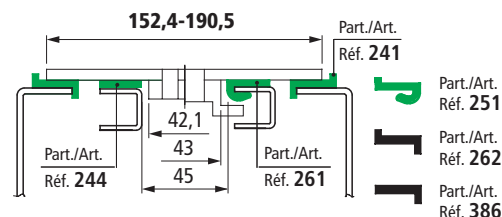
Chain width 82,5 mm (K 325) / Guide clearance 49 mm



Chain width 114,3 mm (K 450)

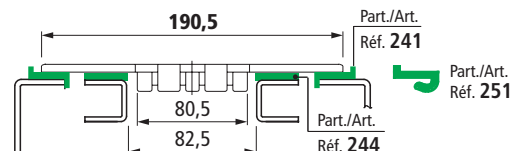


Chain width 152,4 mm (K600), 190,5 (K750)



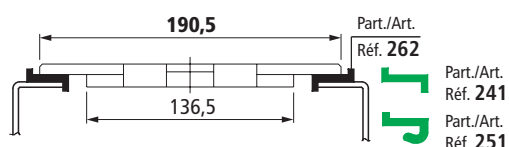
TableTop® double hinge chain series 802 - 805

Chain width 190,5 mm (K 750)

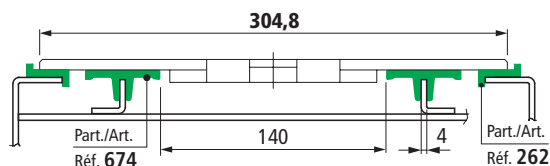


• TableTop® double hinge chain series 821

Chain width 190,5 mm (K 750)

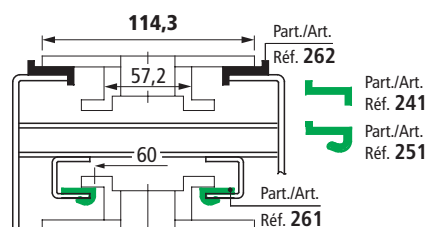


Chain width 304,8 mm (K 1200).

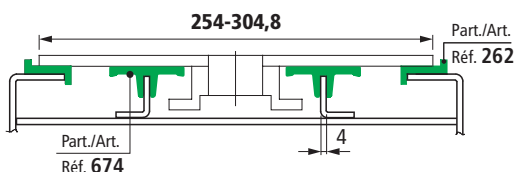


• TableTop® chains series 882 TAB

Chain width 114,3 mm (K 450)

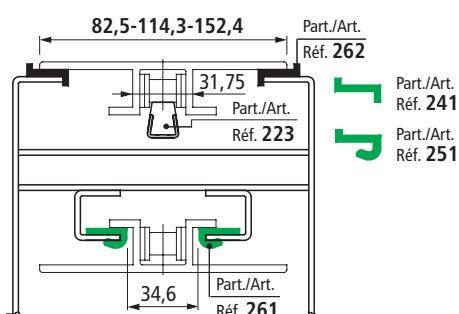


Chain width 254 mm (K 1000), 304,8 mm (K1200).



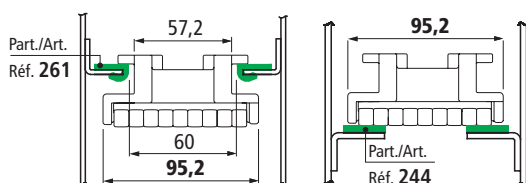
• PlateTop chains series 1874 - 4874 - 1873

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

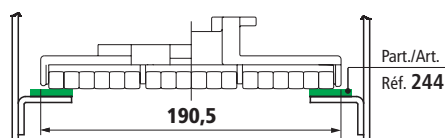


• Low backline pressure chains series SLBP 882 TAB - SLBP 821

Chain width 95,2 mm (K 375)



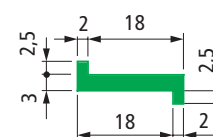
Chain width 190,5 mm (K 750)



■ Chain guide profile

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

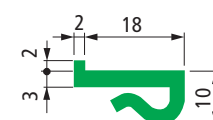
- Standard packaging : coil.



■ 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.

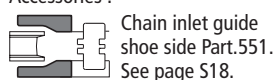


■ Chain guide profile

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 :



See page S18.



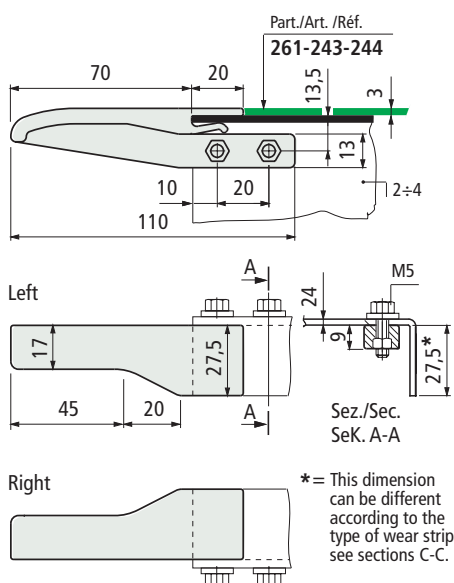
Part. 241

Part. 251

Part. 244

Part. 551

Chain inlet guide shoe (side)



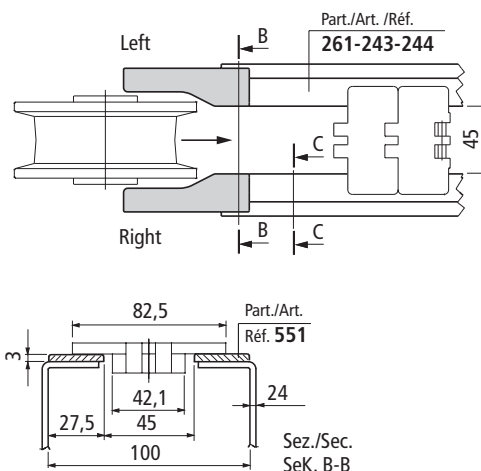
Part.	State of supply	Code	Weight kg
551	Left + Right	689501	0,025

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

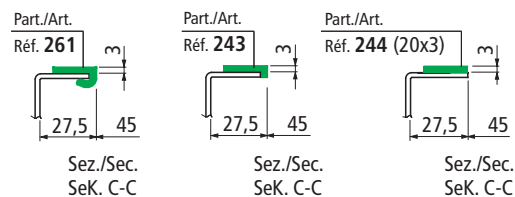
• Use for Part. 551

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

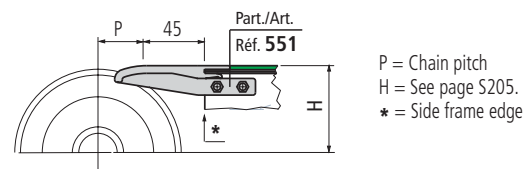
• Chain width 82,5 mm (K325).



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



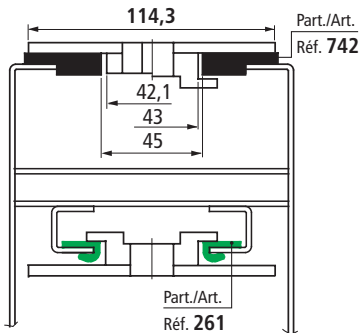
• Positioning



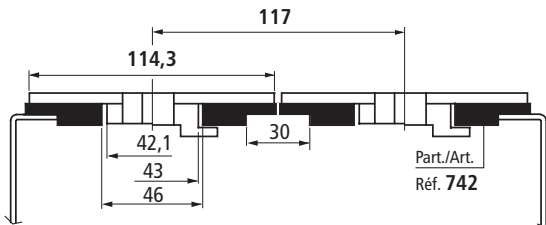
• Use of part. 742

Ideal with TableTop® chains width 114,3 mm (K450)

Chain width 114,3 mm (K450)



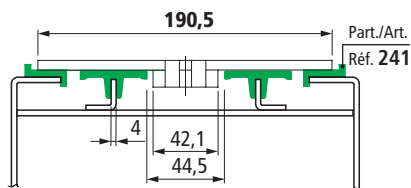
Chain width 114,3 mm (K450)/Pitch 117 mm



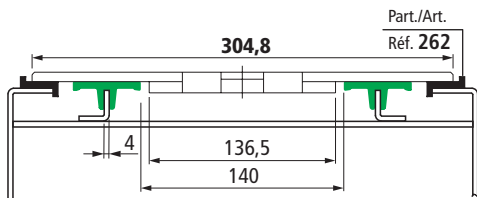
• Use of part. 674

Ideal as intermediate support for wide chains

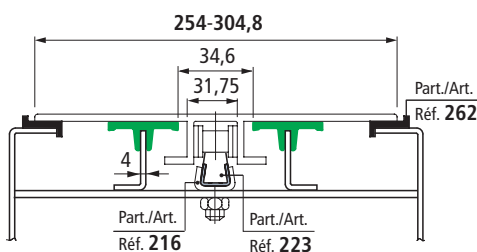
TableTop® chains series 820 width 190,5 (K750)



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



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

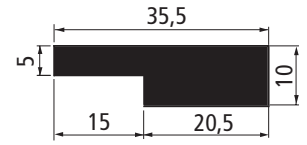


■ Chain guide profile

Part.	Colour	Code
742	Black	697572

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

Part. 742



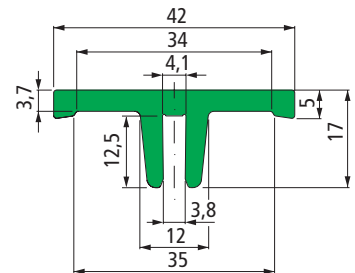
New Product

■ Chain guide profile

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

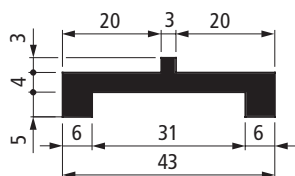
- Material : Polyethylene UHMWPE (green).
- **On request** other colours.
- Applicable to 4 mm thick sheet metal.
- Standard packaging : bars of 3 and 6 metres.
- Packaging : 24 metres.

Part. 674



New Product

Part. 263



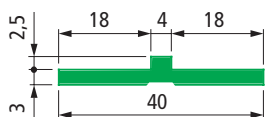
Reinforced version

Chain guide profile

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

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

Part. 242

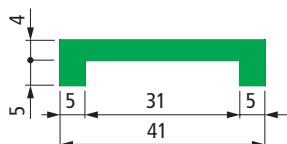


Chain guide profile

Part.	Colour	Packaging metres	Code
242	Green	80	63671

- Standard packaging : coil.

Part. 362



Reinforced version

Chain guide profile

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

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

Material

Polyethylene UHMWPE with molecular density 5.600.000.

Linear expansion coefficient

2×10^{-4}

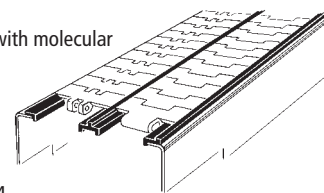
Calculation of thermal expansion see page S204.

Operating temperature

In air (- 40 to + 80 C).

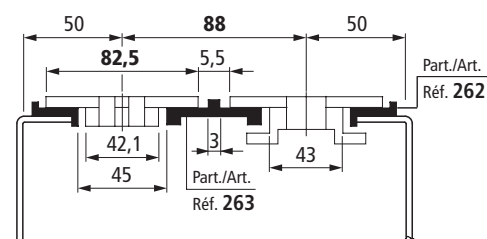
In hot water (+ 70 C).

Position of guides. See page S205.

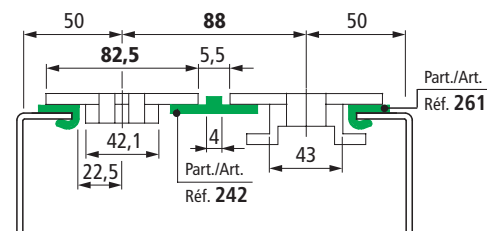


TableTop® chains series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

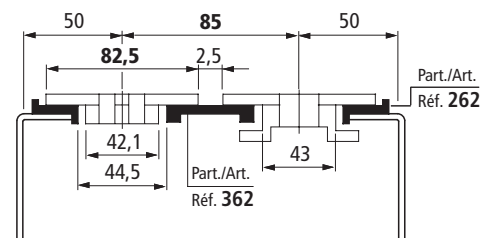
Chain width 82,5 mm (K 325) / Pitch 88 mm



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



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

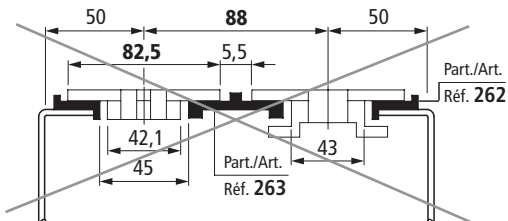


* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

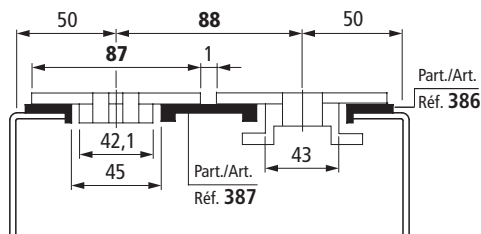
• TableTop® chains series 820 - 880TAB

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

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

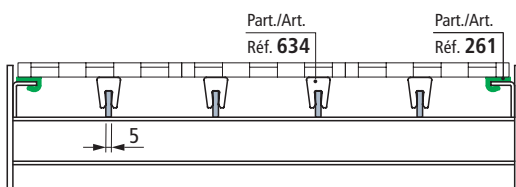


Change chains (from 82,5 mm to 87 mm width) and wear strip, in this way the Gap between chains is reduced (from 5,5 mm to 1 mm) while the conveyor frame is unchanged (pitch 88 mm)



• MatTop® modular chains

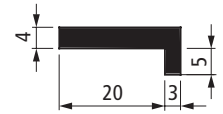
Parallel wear strips. Recommended with medium-light loads.



■ Chain guide profile

Part.	Colour	Packaging metres	Code
386	Black	45	66096

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



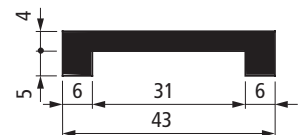
Reinforced version

Part. 386

■ Chain guide profile

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

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



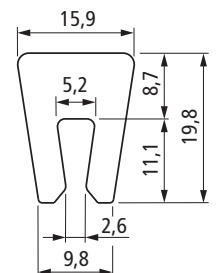
Reinforced version

Part. 387

■ Chain guide profile

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

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



Part. 634

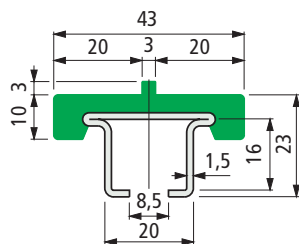
Microban®
antibacterial protection

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

Part. 366



■ Chain guide profile



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

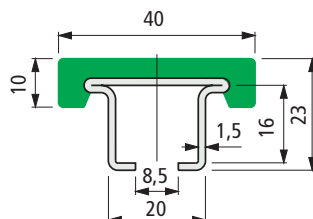
* = New product

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

Part. 367



■ Chain guide profile



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

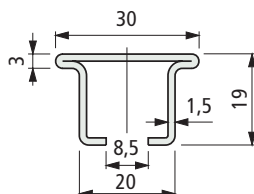
* = New product

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

Part. 368



■ Chain guide profile



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

* = New product

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

- Material

Plastic profile in polyethylene UHMWPE
with molecular density 5.600.000.

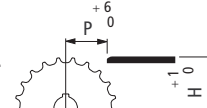
- Linear expansion coefficient

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

- Operating temperature

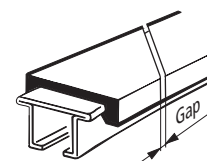
In air (- 40 to + 80 C).
In hot water (+ 70 C).

- **Position of guides.** See page S205.

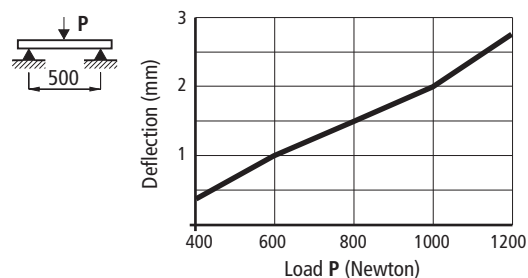


- Head joint

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

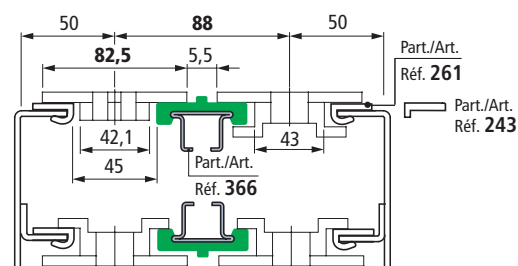


- Deflection of Part. 366-367-368

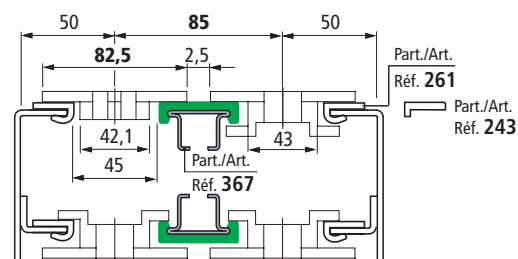


- **TableTop® chains** series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

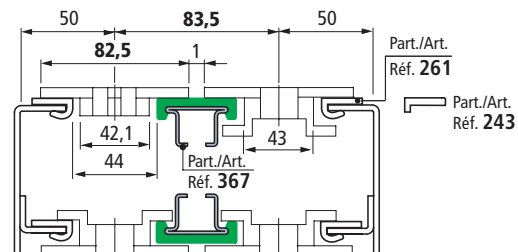
Chain width 82,5 mm (K 325) / Pitch 88 mm



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

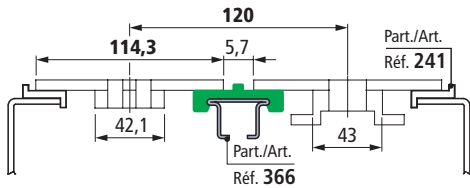


Chain width 82,5 mm (K 325) / Pitch 83,5 mm

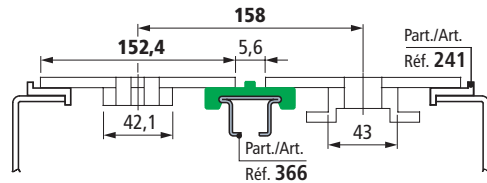


for Part. 366 - 367 - 368

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

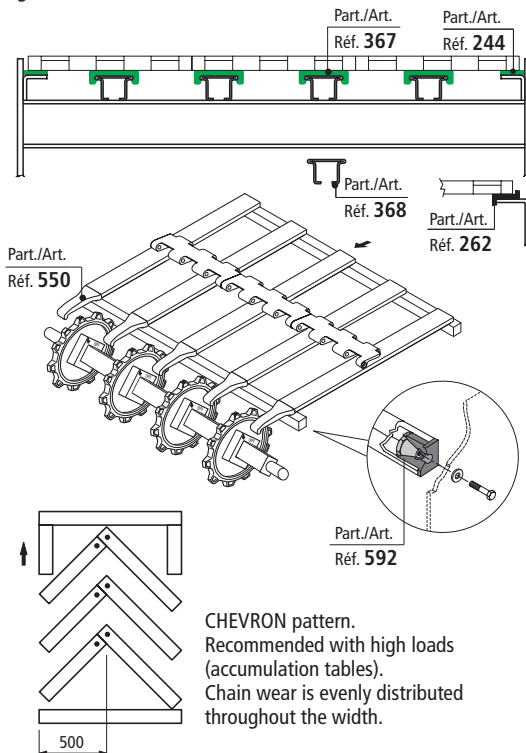


Chain width 152,4 mm (K 600) / Pitch 158 mm



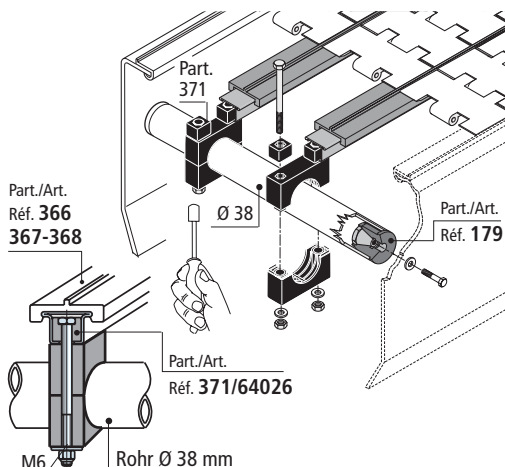
• MatTop® modular chains

Parallel wear strips. Recommended with medium light loads.

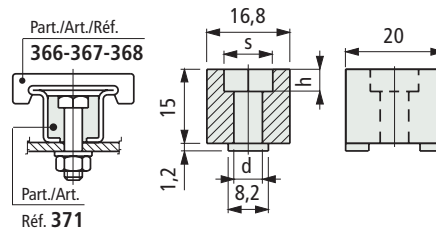


• Assembly of Part. 559

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



■ Mounting block



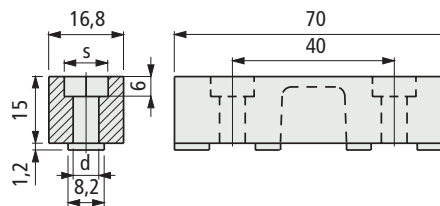
Part.	d mm	h mm	Hexagon s mm	Code
371	6,2 (for screws M 6)	4,5	10,2	64026*
	8,1 (for screws M 8)	6	13,2	61056

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

Part. 371



■ Connecting block



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

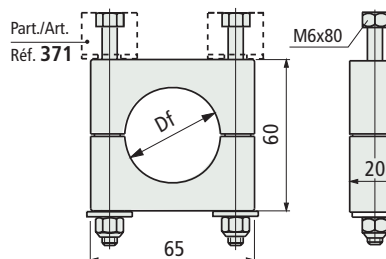
• = New product

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

Part. 621



■ Connecting block



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

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

Part. 559



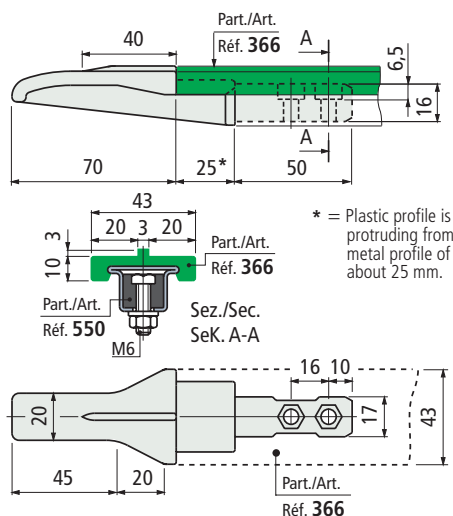
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

for Part. 366 - 367

Part. 550



■ Chain inlet guide shoe (centre)



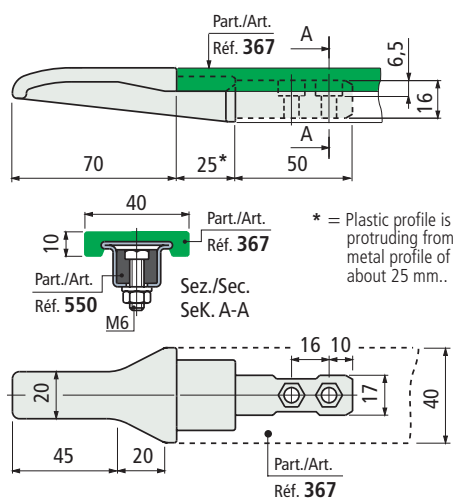
Part.	Code	Weight kg
550	689481	0,042

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

Part. 550



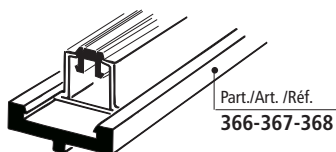
■ Chain inlet guide shoe (centre)



Part.	Code	Weight kg
550	689491	0,042

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

Part. 370



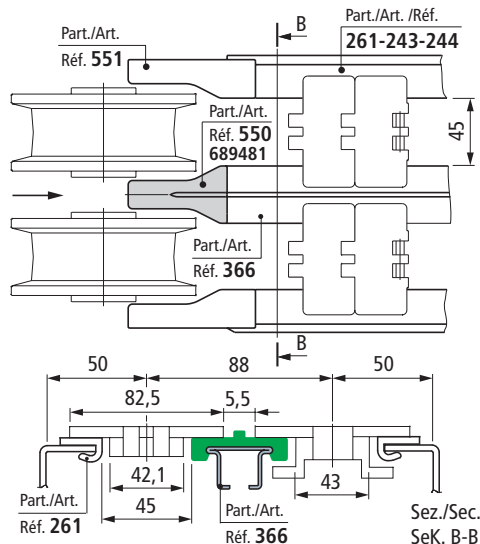
Part.	Code
370	61036*

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

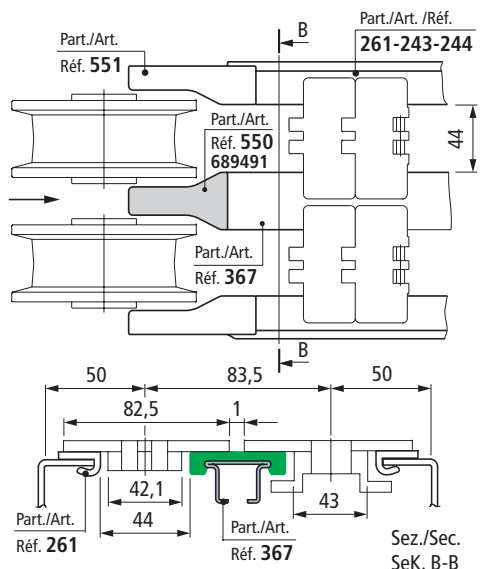
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

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

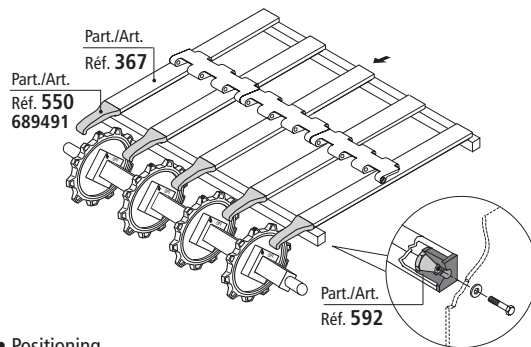
- Chain width 82,5 mm (K325) / Pitch 88 mm.



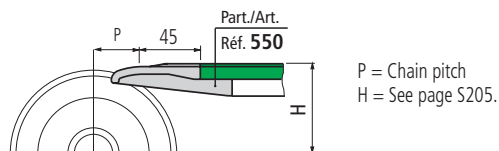
- Chain width 82,5 mm (K325) / Pitch 83,5 mm.



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

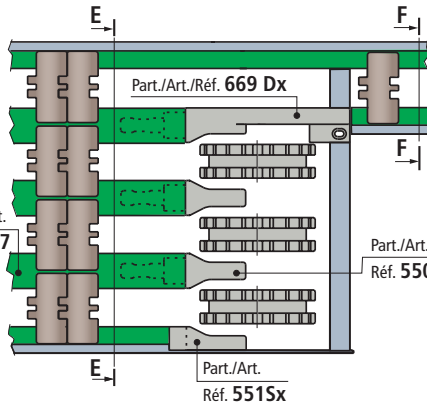
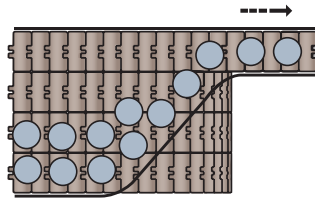


- Positioning

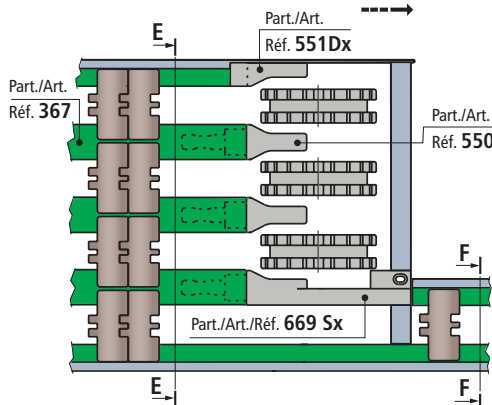
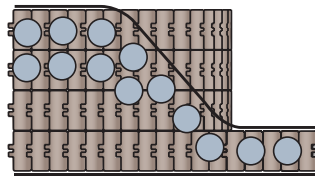


for Part. 367

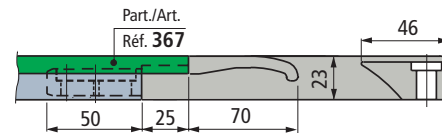
• Right shoe Dx



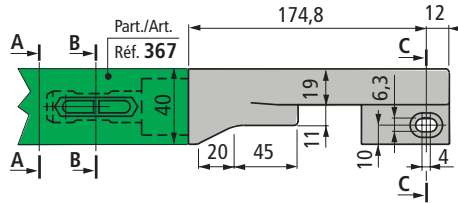
• Left shoe Sx



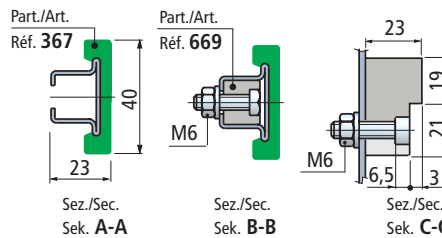
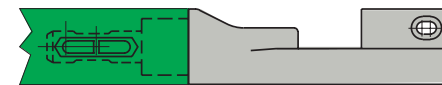
■ Side transfer guide shoe



Version right Dx



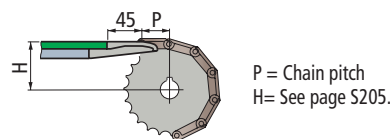
Version left Sx



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

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

• Positioning



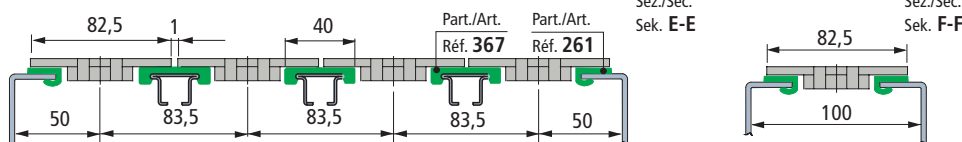
Part. 669



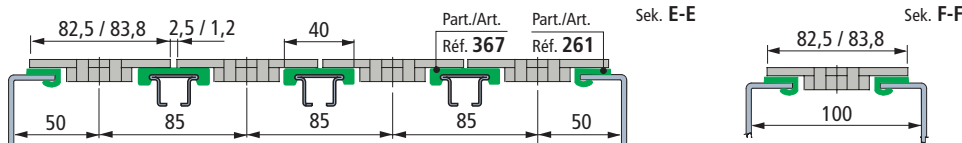
New Product

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

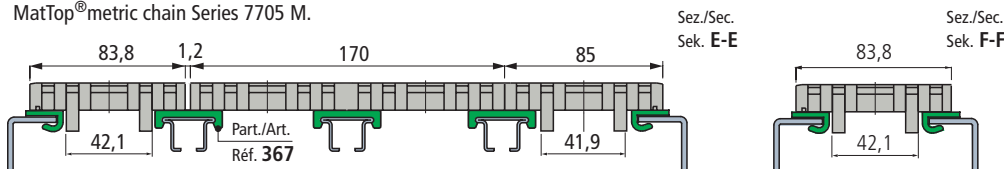
Chain width 82,5 mm (K325) / Pitch 83,5 mm



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



MatTop® metric chain Series 7705 M.



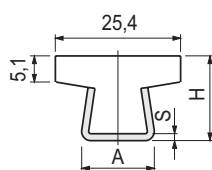
Part. 768



New
Product



Chain-guide profile



S 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
		Zinc plated steel	6	609093	
	2	Inox AISI 304	3	609113	0,74
		Zinc plated steel	6	609123	

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

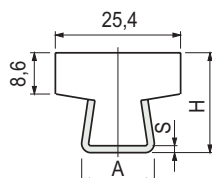
Part. 767



New
Product



Chain-guide profile



S 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
		Zinc plated steel	6	609043	
	2	Inox AISI 304	3	609063	0,82
		Zinc plated steel	6	609073	

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

Material

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

Linear expansion coefficient

4×10^{-5}

Calculation of thermal expansion see page S204.

Operating temperature

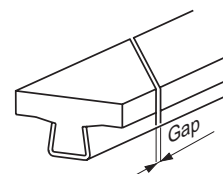
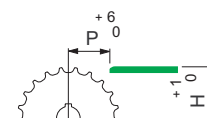
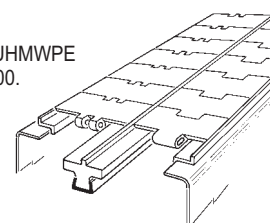
In air (- 40 a + 80 C).
In hot water (+ 70 C).

Positioning.

See page S205.

Head Joint

Head joint shall be made with a 45 cut to avoid steps and guarantee chain smooth movement.
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

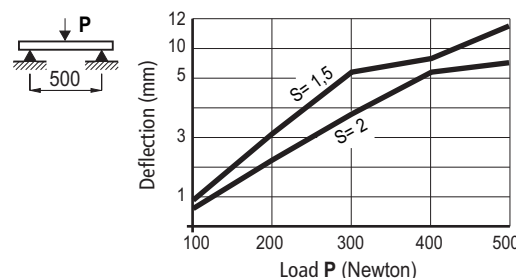
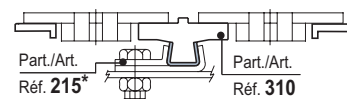
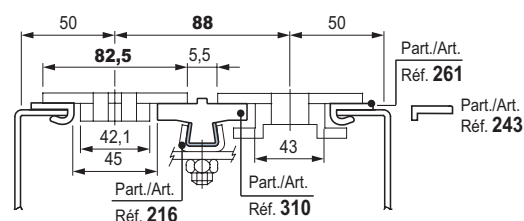


Table Top® chain series 812 - 815 - 820 - 831 -

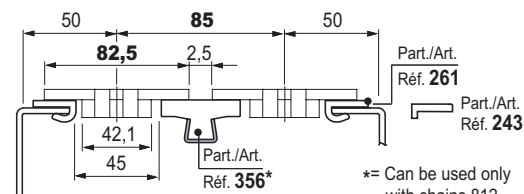
881TAB - 8811TAB - 879TAB - 880TAB

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



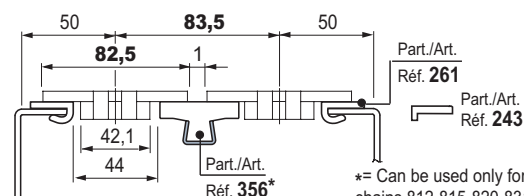
*= Fixing clamp can be used only with chains 812-815-820-831

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



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

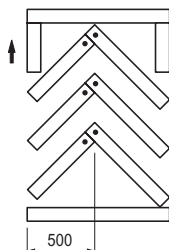
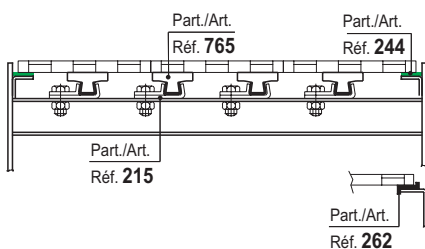
Chain width 82,5 mm (K 325) / Pitch 83,5 mm



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

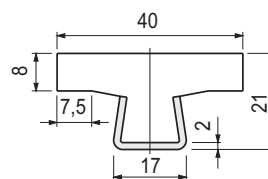
• MatTop® modular chain

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

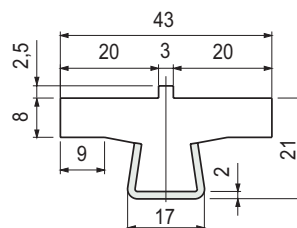
- Material : metal profile inox AISI 304.
- Packaging : 24 metres.

Part. 356



Microban®
antibacterial protection

■ Chain-guide profile



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

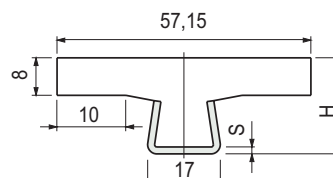
- Material : metal profile inox AISI 304.
- Packaging : 24 metres.

Part. 310



■ Chain-guide profile

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



Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
765	1,5	Inox AISI 304	3	608943	0,95
			6	608953	
	2	Zinc plated steel	3	608963	1,06
			6	608973	
	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 : 4×10^{-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.

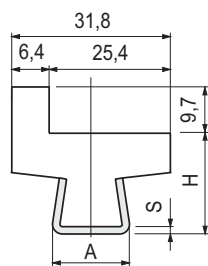
Part. 766



New
Product



Chain-guide profile

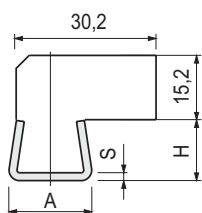


S mm	H mm	A mm
1,5	20,5	16
2	21	17

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
766	1,5	Inox AISI 304	3	608993	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 : 4×10^{-5}
- Packaging : 24 metres.

Chain-guide profile



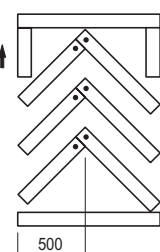
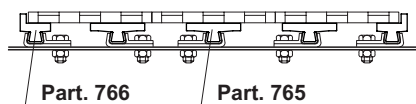
S mm	H mm	A mm
1,5	25,7	16
2	26,2	17

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 : 4×10^{-5}
- Packaging : 24 metres.

MatTop® modular chain

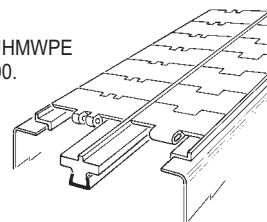
Parallel wear strip.
Recommended with medium-light loads.



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

Material

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



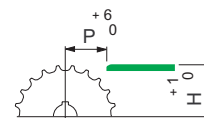
Linear expansion coefficient

4×10^{-5}

Calculation of thermal expansion see page S204.

Operating temperature

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

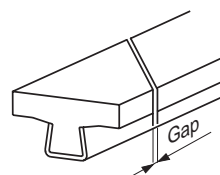


Positioning.

See page S205.

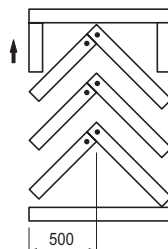
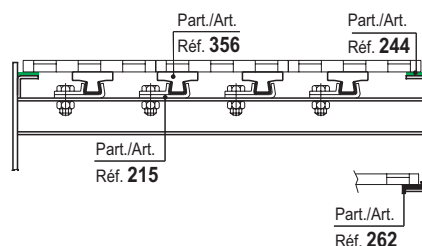
Head Joint

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

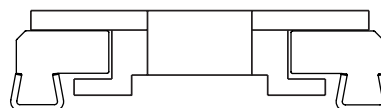


MatTop® modular chain

Parallel wear strip.
Recommended with medium-light loads.



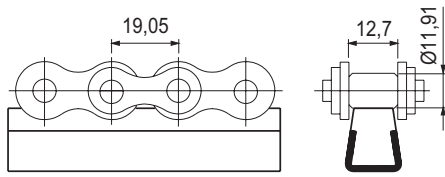
CHEVRON pattern.
Recommended with high loads (accumulation tables)
Chain wear is evenly distributed throughout the width.



Chain-Guide Profile

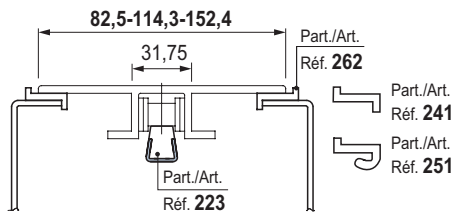
• Use of Part. 223

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

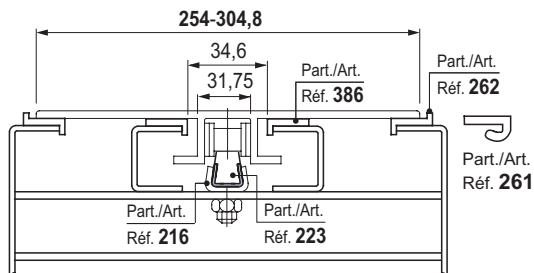


• PlateTop chain series 1874-4874-1873

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

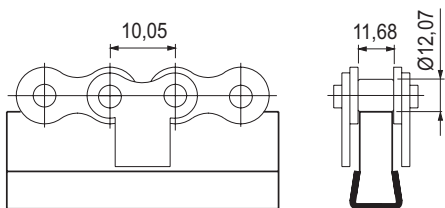


Chain width 254 mm (K 1000), 304,8 mm (K 1200)

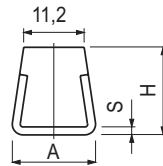


• Use of Part. 274

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



■ Chain-guide profile



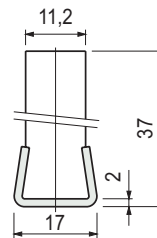
S mm	H mm	A mm
1,5	17,5	16
2	18	17

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	
	2	Zinc plated steel	3	63971	
			6	61743*	
		Inox AISI 304	6	67123	

- Colour : white.

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

■ Chain-guide profile



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

- Material : metal profile inox AISI 304.

- Packaging : 24 metres

Part. 223



Part. 274

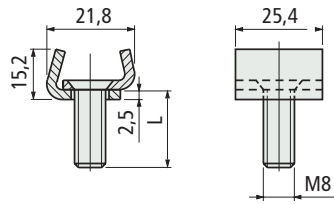


* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 903



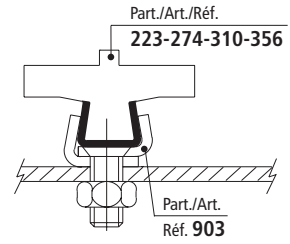
■ ViseClamp™



Part.	L mm	Code
903	20	656001*

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

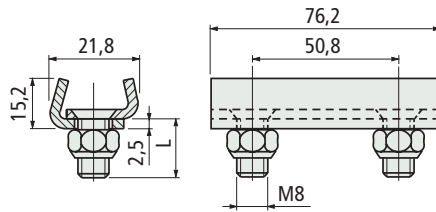
• Use of Part. 903



Part. 902



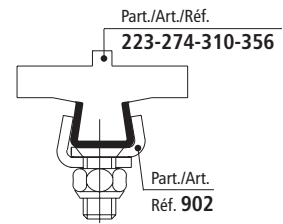
■ ViseSplice™



Part.	L mm	Code
902	15	656041*

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

• Use of Part. 902

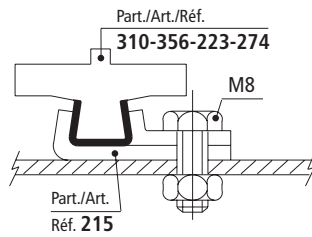


* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

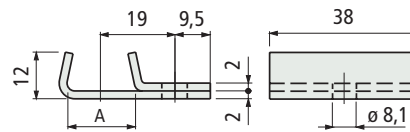
Chain - Guide Profiles

for Part. 223 - 274 - 310 - 356

• Use of Part. 215



■ Clamp



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

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

- Use : easy assembly of guide profiles Part. 310-356-223-274.

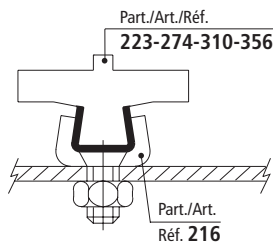
- Material : stainless steel AISI 304.

- Packaging : 50 pieces.

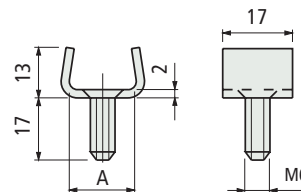


Part. 215

• Use of Part. 216



■ Clamp



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

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

- Use : easy assembly of guide profiles Part. 310-356-223-274.

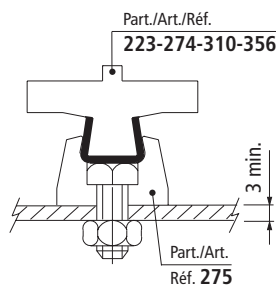
- Material : stainless steel AISI 304.

- Packaging : 50 pieces.

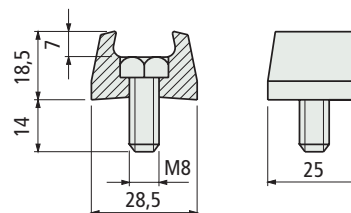


Part. 216

• Use of Part. 275



■ Clamp



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

- Use : easy assembly of guide profiles Part. 310-356-223-274.

- Material : body in acetal resin POM (black), bolt in stainless steel AISI 304.

- Packaging : 100 pieces.



Part. 275

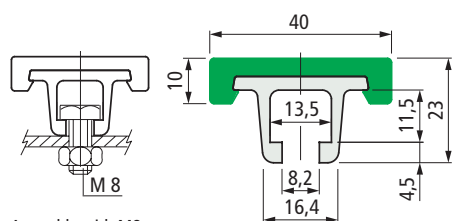
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 422



In aluminium

Chain-guide profile



Assembly with M8 hexagon bolt

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

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

Material

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

Linear expansion coefficient

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

Operating temperature

In air (- 40 a + 80 C).

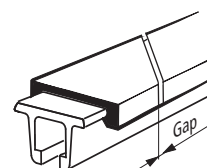
Position of guides. See page S205.

Not recommended in wet conveyors

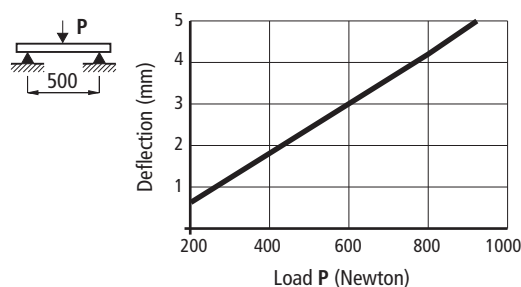
To avoid corrosion in contact with cleaning agents.

Head joint

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

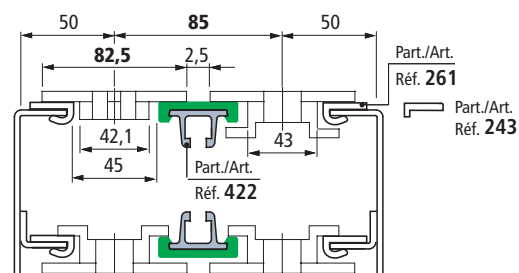


Deflection

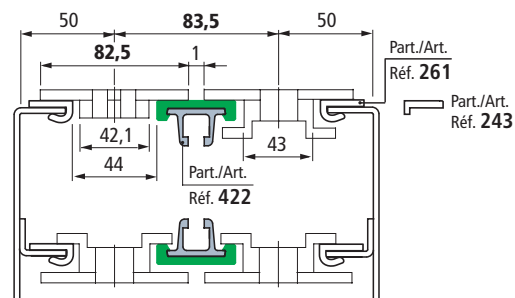


TableTop® chains series 812 - 815 - 820 - 831- 881TAB - 8811TAB - 879TAB - 880TAB

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

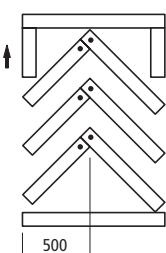
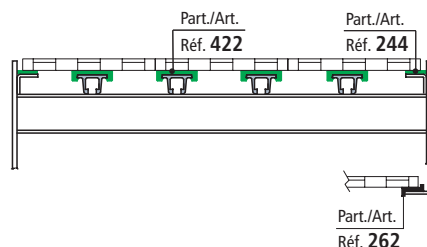


Chain width 82,5 mm (K 325) / Pitch 83,5 mm



MatTop® modular chains

Parallel wear strips. Recommended with medium-light loads.



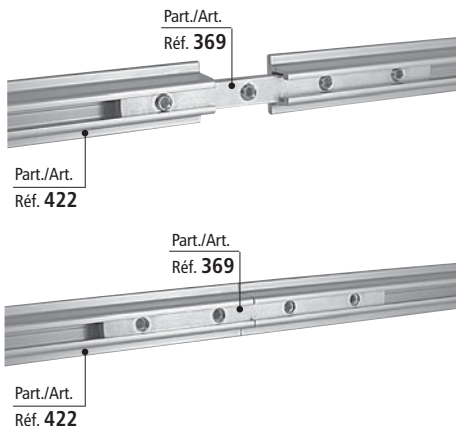
CHEVRON pattern. Recommended with high loads (accumulation tables). Chain wear is evenly distributed throughout the width.

Chain - Guide Profiles

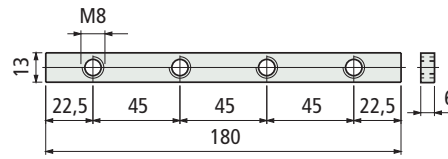
for Part. 422

• Assembly of Part. 369

Insert the guides and tighten the set screws.



■ Connecting bar



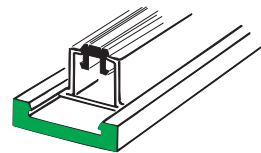
Part.	Code
369	69995

- 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:

- 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

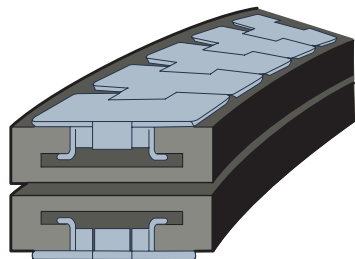
881TAB-8811TAB


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

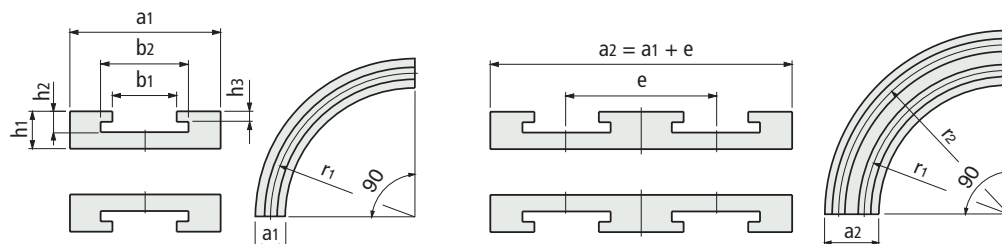

FT1050TAB-FT1055TAB



Series KTU

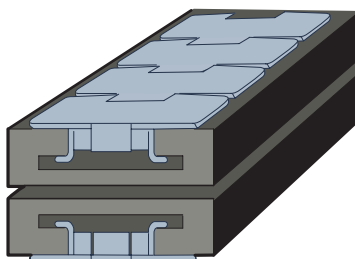


Corner tracks

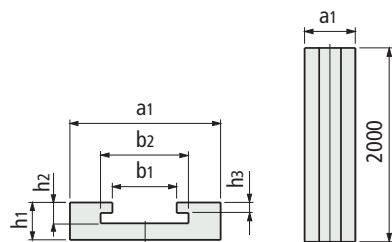


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	± 0.5 b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code 1 strand
879TAB-K325, 880TAB-K325 880TAB BO-K325, 879TAB BO-K325 881TAB-K325, 8811TAB-K325 SRH325, RH325, RHD325 FT1050TAB, FT1055TAB LBP879 BO-K325	82,5	500	100	45	70	25	20	10	90	787.00.02
879TAB-K450,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

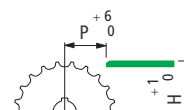
- **Material** : polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging** : the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.

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

- **Linear expansion coefficient** : 2×10^{-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.

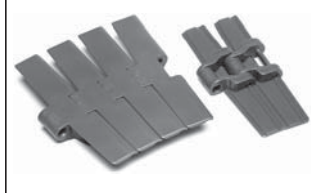


Corner tracks for TableTop®

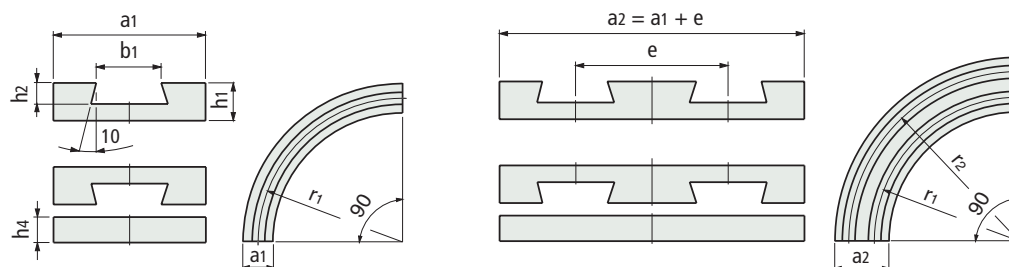
Series:

- 882 BEVEL

882

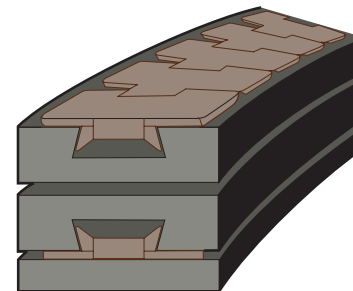


■ Corner tracks



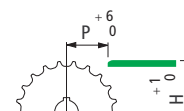
Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	± 0.5 b1 mm	h1 mm	h2 mm	h4 mm	Pitch e mm	Code 1 strand
882 - K450	114,3	610	125	58	27	21	16	120	787.00.95
882 - K750	190,5	610	200	58	27	21	16	195	787.00.96
882 - K1000	254	610	265	58	27	21	16	260	787.01.06

Series KSU200



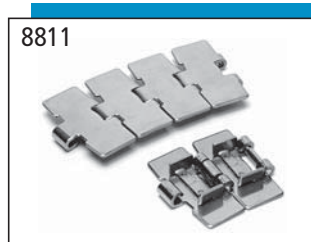
- **Material** : polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging** : the corner tracks are supplied complete with carry and return sections.
- **Special dimensions** on application.
- **For multiple strand versions please refer to Customer Service and/or Chain Catalogue**

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

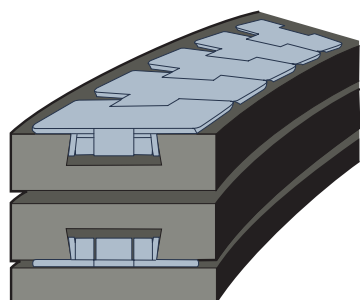


Corner tracks and straight tracks for TableTop® Series:

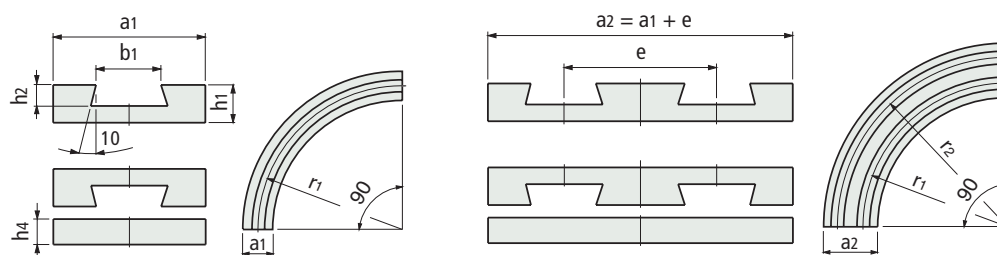
- 880 BEVEL
- 879 BEVEL
- 8811 BEVEL
- 881 BEVEL



Series KSU

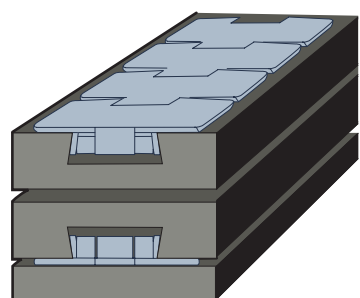


■ Corner tracks

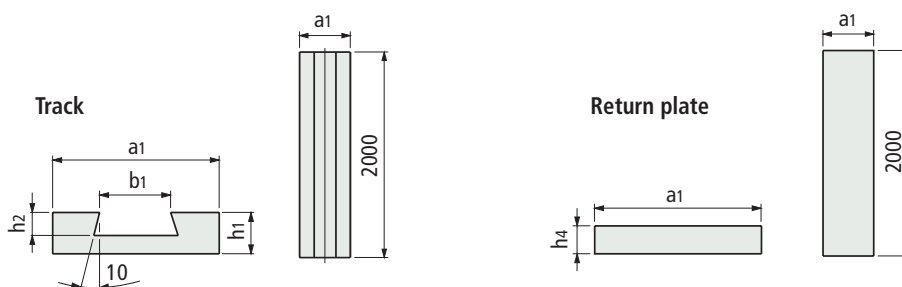


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	$b1 \pm 0.5$ mm	h1 mm	h2 mm	h4 mm	Pitch e mm	Code 1 strand
880-K325, 879-K325 881-K325, 8811-K325	82,5	500	100	41,4	25	18	16	90	787.00.85
880-K450, 881-K450 8811-K450	114,3	610	125	41,4	25	18	16	120	787.00.17
881-K750 8811-K750	190,5	610	200	41,4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

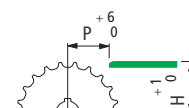
- **Material** : polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging** : the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.

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

- **Linear expansion coefficient** : 2×10^{-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.



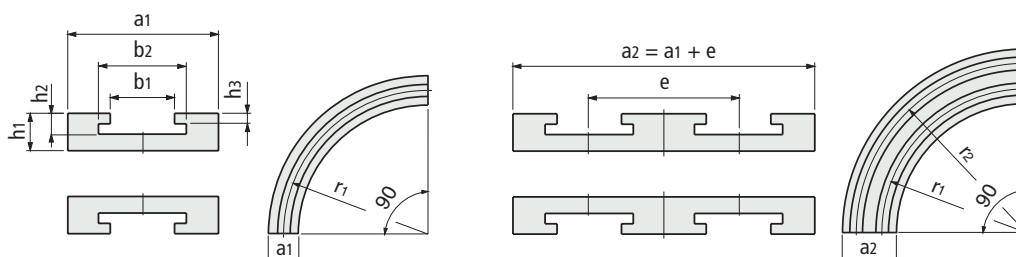
Corner tracks and straight tracks for TableTop® Series:

- 882 TAB
- HDF

882TAB-HDF

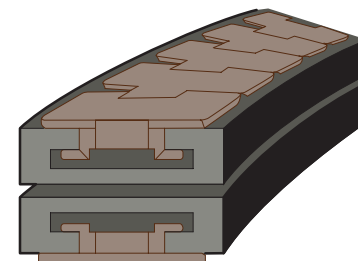


■ Corner tracks

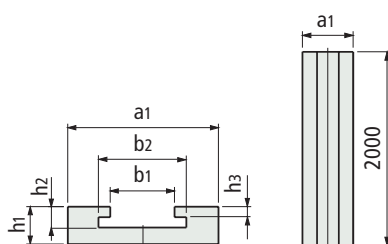


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code 1 strand
882TAB-K450 HDF450	114,3	610	130	60	90	30	24	15	120	787.02.80
882TAB-K750 HDF 750	190,5	610	210	60	90	30	24	15	195	787.00.54
882TAB-K1000 HDF1000	254	610	270	60	90	30	24	15	260	787.00.06
882TAB-K1200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

Series KTU200

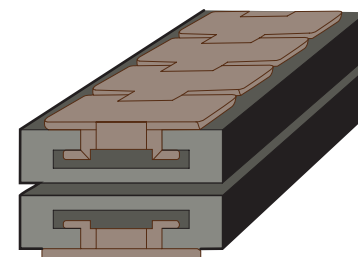


■ Straight tracks



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

Series STU200



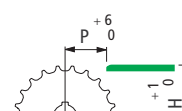
- **Material** : polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging** : the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.

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

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

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

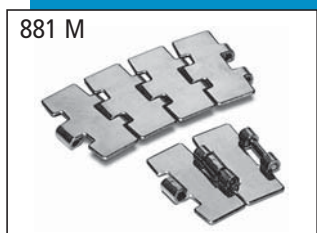
- **Positioning** : see page S205.



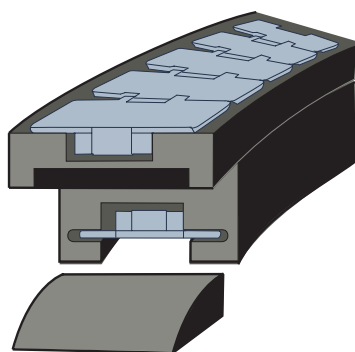
Magnetic corner tracks

for TableTop® Series:

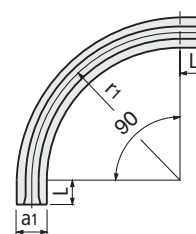
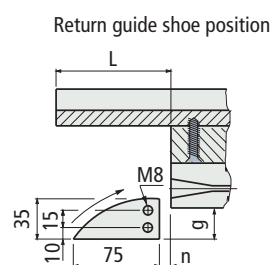
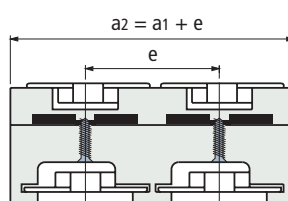
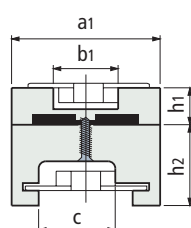
- 881 M
- RHM
- RHMD 325 LBP
- HDFM
- HDFM LBP



Series COMBI C



■ **Magnetic corner tracks**

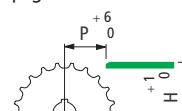


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	L mm	b1 mm	c mm	h1 mm	h2 mm	Pitch e mm	n mm	g mm	M	Code 1 strand	Version Number
881M-K325 10M31M 45M31M 60M31(S)M 66M31(S)M 60M31RM 60M845M 66M845M RHMP325 RHMDP325 RHMP84	82,5 / 83,8	500	100	0	44	50	27	55*	85	-	-	-	704.15.01	C7
	82,5 / 83,8	500	100	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 HDFM750	190,5	610	200	100	60	65	32	63	195	20	20	M8	724.31.01	C81
	190,5	860	214	0	60	65	32	55	-	0	30	M8	724.36.01	C86
HDFM1000	254	860	290	0	60	65	32	55	-	0	30	M8	724.42.01	C91
HDFM1000LBP	254	860	290	0	60	65	32	63	-	0	30	M8	724.45.01	LBP91
HDFM1200	304,8	860	340	0	60	65	32	55	-	0	30	M8	724.44.01	C96
HDFM1200LBP	304,8	860	340	0	60	65	32	63	-	0	30	M8	724.46.01	LBP96

* = For corner tracks 2 or more strands $h_2 = 63\text{mm}$.

- Magnetic corner tracks allow for easy maintenance and cleaning because the chain can be easily lifted when the conveyor is stopped. On the other hand they keep the chain flat when working.
 - **Material** : polyethylene UHMWPE (black).
 - **Standard packaging** : the corner tracks are supplied complete with carry and return sections.
 - **For multiple strand versions please refer to Customer Service and/or Chain Catalogue**
 - **Linear expansion coefficient** : 2×10^{-4}
Calculation of thermal expansion see page S204.
 - **Operating temperature** :
In air (-40 to + 80 °C).
In hot water (+ 70 °C).
- 

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



FGM 1050



FTM 1060 - FTM 1055

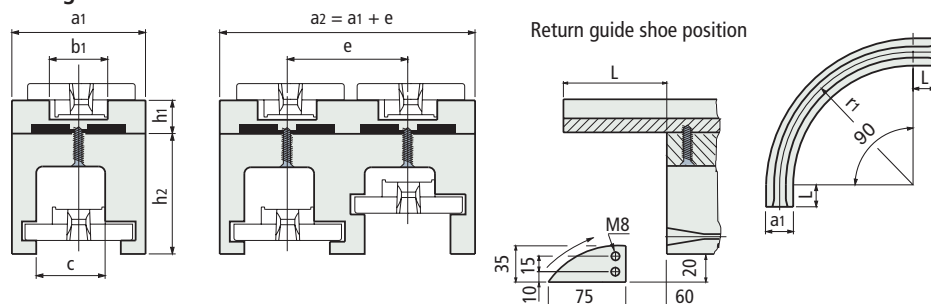


Magnetic corner tracks

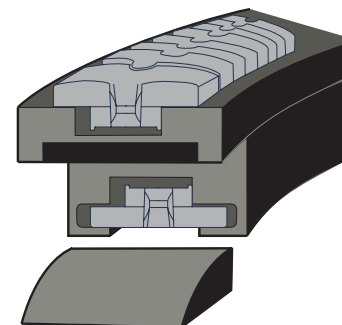
for TableTop® Series:

- FGM 1050
- FTM 1060
- FTM 1055

■ Magnetic corner tracks



Series COMBI CB

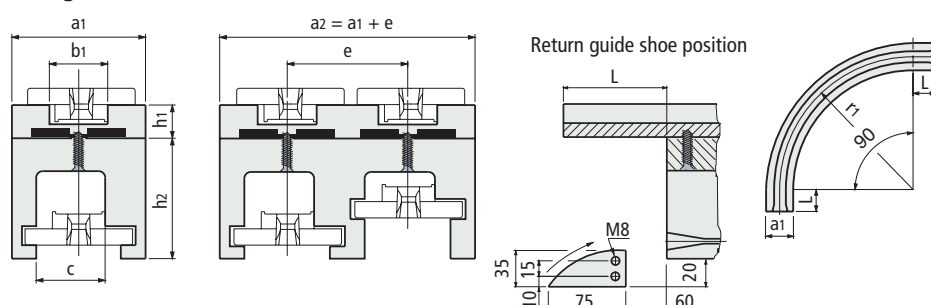


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	L mm	b1 mm	c mm	h1 mm	h2 mm	Pitch e mm	n mm	g mm	M	Code 1 strand	Version Number
FGM1050	83,8	500	100	0	44	50	27	55 (63•)	85	-	-	-	604.15.01	CB7
	83,8	500	100	100	44	50	27	63	85	60	20	M8	604.14.01	CB6
FTM1060	83,8	500	111	100	44	50	27	63	85	60	20	M8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

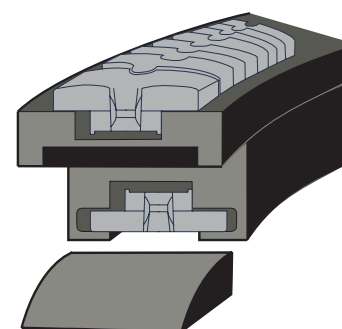
* = Supplied without the L straight-line sections.

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

■ Magnetic corner tracks



Series COMBI CC



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
FTM1055	83,8	500	100	0	44	50	27	63	85	-	-	-	614.06.01	CC7
	114,3	500	129	125	44	50	27	63	120	60	20	M8	614.08.01	CC21
	114,3	610	129	125	44	50	27	63	120	60	20	M6	614.09.01	CC22

* = Supplied without the L straight-line sections.

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

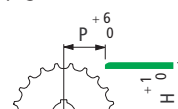
- Magnetic corner tracks allow for easy maintenance and cleaning because the chain can be easily lifted when the conveyor is stopped. On the other hand they keep the chain flat when working.

- **Material** : polyethylene UHMWPE (black).
- **Standard packaging** : the corner tracks are supplied complete with carry and return sections.
- **For multiple strand versions please refer to Customer Service and/or Chain Catalogue**

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

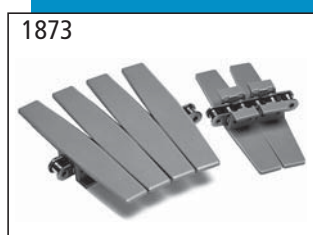
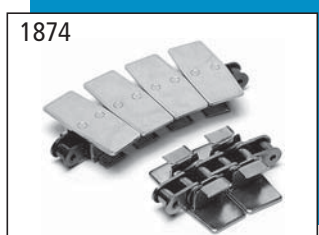
- **Operating temperature** :
In air (-40 to + 80 C).
In hot water (+ 70 C).

- **Positioning** : see page S205.

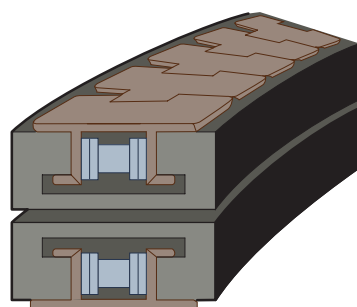


Corner tracks and straight tracks for PlateTop Series:

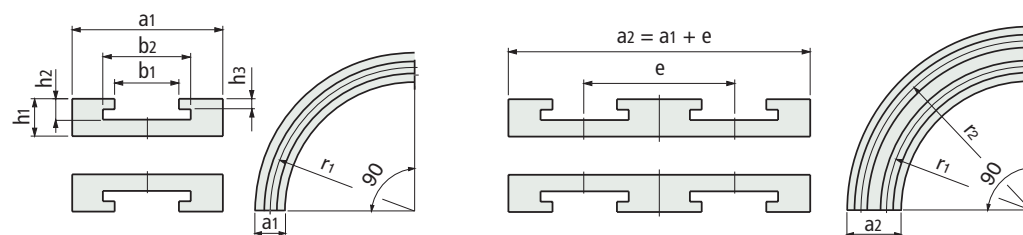
- 1874
- 1873
- 3873



Series KTU300

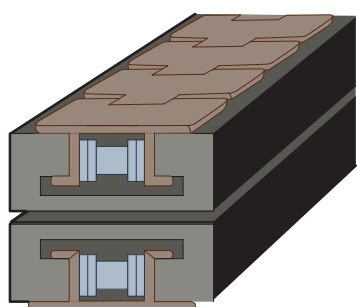


Corner tracks

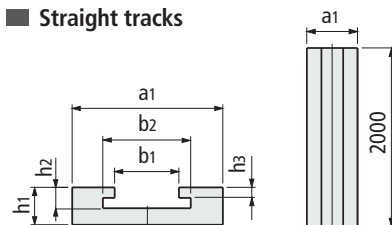


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	± 0.5 b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Pitch e mm	Code 1 strand
1873-K325 1874-K325	82,5	500	100	34,6	70	36	29	19	90	787.01.13
1873-K450 1874-K450	114,3	500	125	34,6	70	36	29	19	120	787.01.16
1873-K600 1874-K600	152,4	610	160	34,6	70	36	29	19	160	787.01.19
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

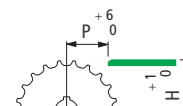
- **Material** : polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging** : the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.

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

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

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

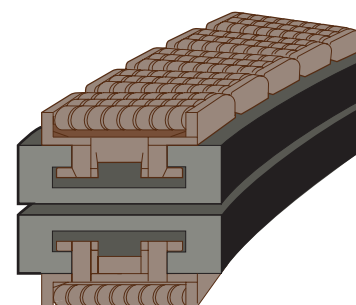
- **Positioning** : see page S205.



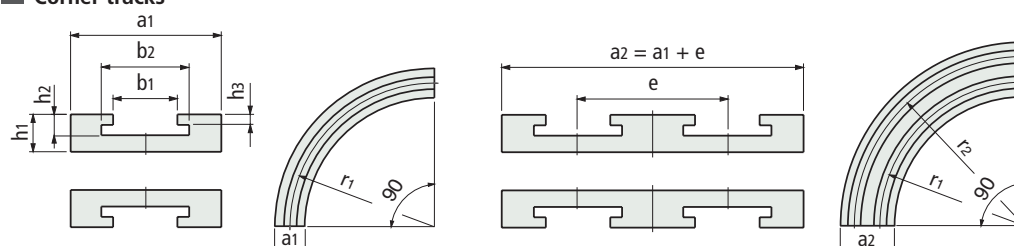
Corner tracks and straight tracks for TableTop® Series:

- LBP 883

Series KTU200



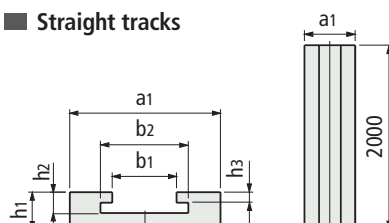
Corner tracks



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
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

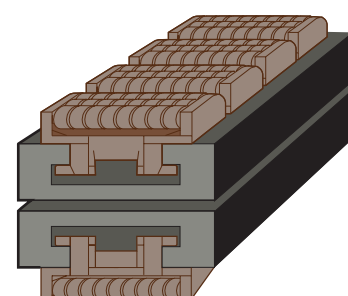
* = To be specified upon order.

Straight tracks



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

Series STU200



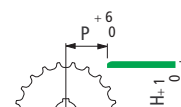
- **Material** : polyethylene UHMWPE (black) with molecular density 1.000.000.
- **Standard packaging** : the corner tracks are supplied complete with carry and return sections. Straight tracks are supplied as single profile 2 m long.
- **Special dimensions** on application.

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

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

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

- **Positioning** : see page S205.



Corner tracks and straight tracks for Multiflex chains

Series:

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

1700 TAB K - 1790 TAB K



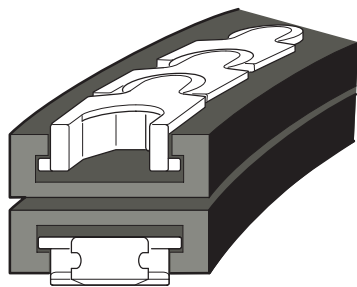
1710 TAB K



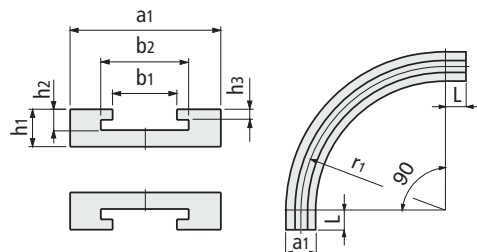
1713 TAB K



Series KTU500

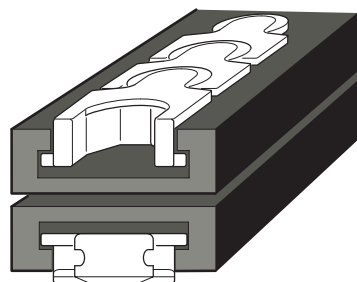


Corner tracks

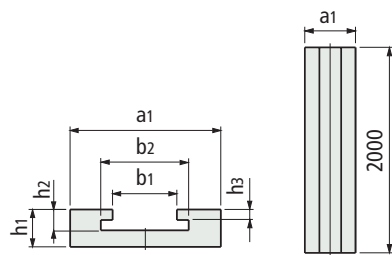


Type of chain	Chain width mm	Radius r1 mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	L mm	Code
1700TABK	55	250	100	58	70	40	21	12	50	787.03.31
1790TABK		500	100	58	70	40	21	12	50	787.01.81
1710TABK	98	250	110	58	70	40	31	22	50	787.02.97
		500	110	58	70	40	31	22	50	787.00.40
1713TABK	253	500	270	58	70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

Series STU500



Straight tracks



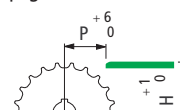
Type of chain	Chain width mm	Width a1 mm	b1 mm	b2 mm	h1 mm	h2 mm	h3 mm	Code
1700TABK	55	100	58	70	40	21	12	787.40.74
1790TABK								
1710TABK	98	110	58	70	40	31	22	787.90.11
1713TABK	253	270	58	70	40	30	20	787.90.20

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

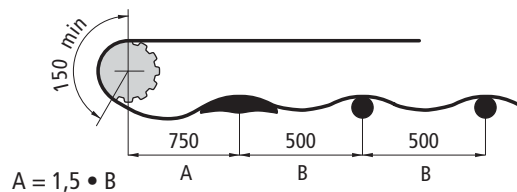
- **Linear expansion coefficient** : 2×10^{-4}
Calculation of thermal expansion see page S204.

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

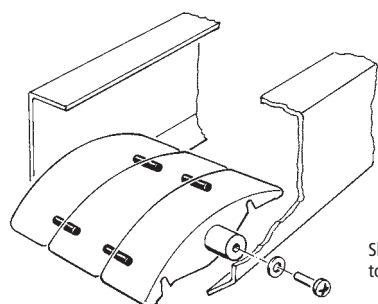
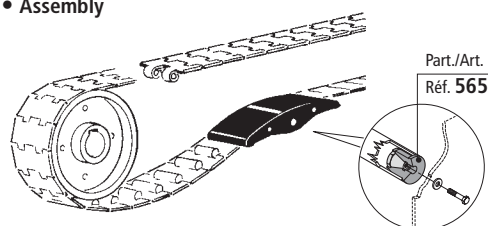
- **Positioning** : see page S205.



• Positioning

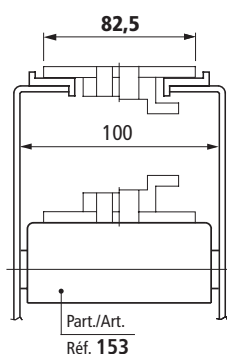


• Assembly

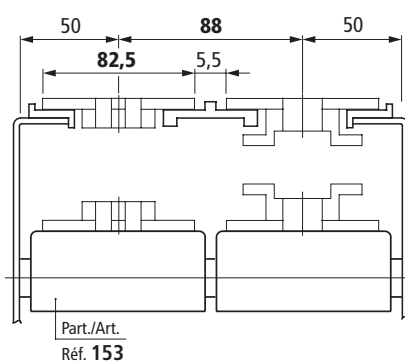


• TableTop® chains / PlateTop chains

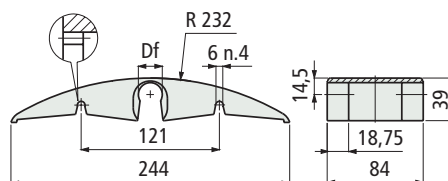
Chain width 82,5 mm (K 325)



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



■ Wear shoe



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

* = New product.

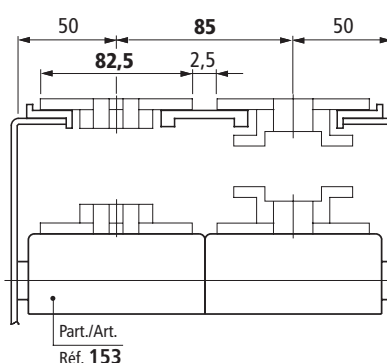
- New UNL™ low noise material.
- PE polyethylene (green) version can be used both with plastic chains and metal chains.
- PA polyamide (black) version is recommended for metal chains.
- Packaging : 15 pieces.

Part. 153



Snap-on assembly

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

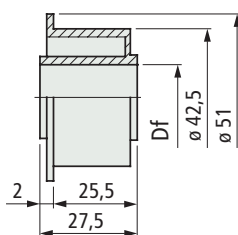


Part. 73



Dia. 42,5 mm

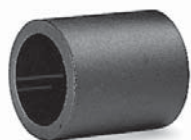
Roller



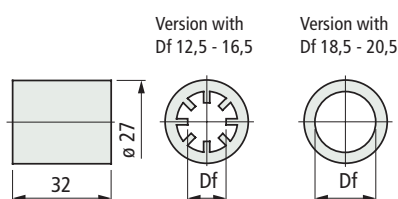
Part.	Shaft dia. mm	Bore dia. Df mm	Code
73	12	12,5	50660*
	16	16,5	62946
	18	18,5	50670*
	20	20,5	50680

- 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

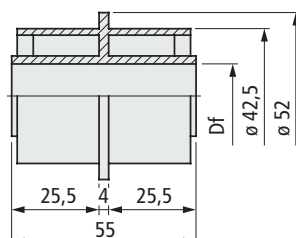
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 125



Dia. 42,5 mm

Double roller

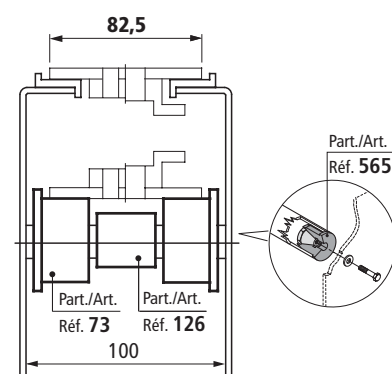


Part.	Shaft dia. mm	Bore dia. Df mm	Code
125	12	12,5	62956*
	16	16,5	62966
	18	18,5	62976*
	20	20,5	62510

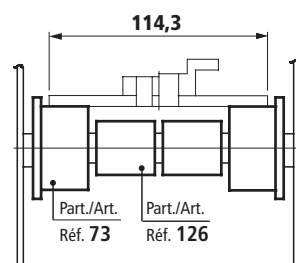
- Material : polyamide PA (black).
- Packaging : 100 pieces.

TableTop® chains / PlateTop chains

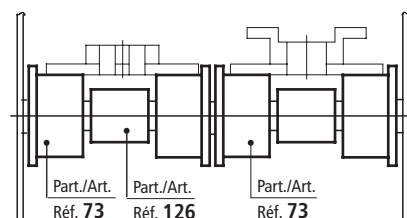
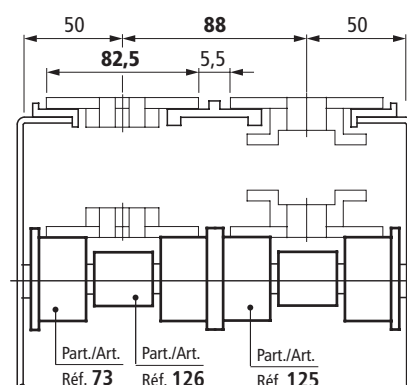
Chain width 82,5 mm (K 325)



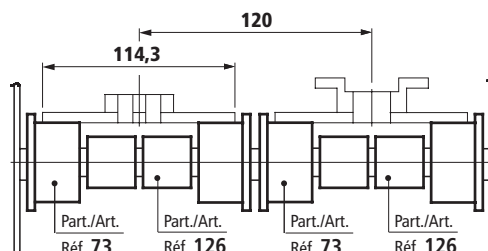
Chain width 114,3 mm (K 450)



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

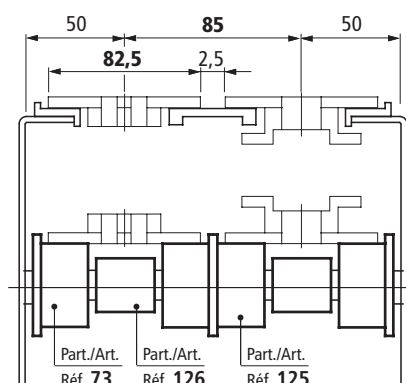


Chain width 114,3 mm (K 450) / Pitch 120 mm

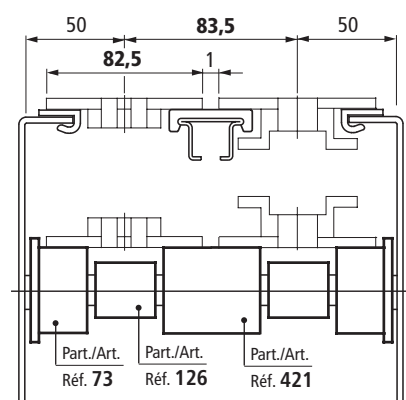


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

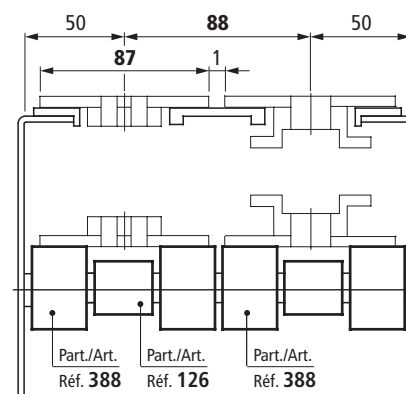
Chain width 82,5 mm (K 325) / Pitch 85 mm



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

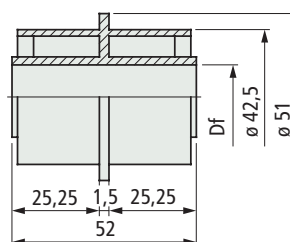


Chain width 87 mm (K 343) / Pitch 88 mm



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

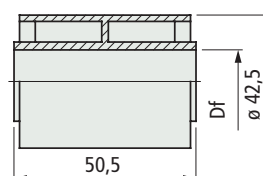
- Material : polyamide PA (black).
- Packaging : 100 pieces.

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

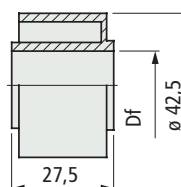
- Material : polyamide PA (black).
- Packaging : 100 pieces.

Part. 421



Dia. 42,5 mm

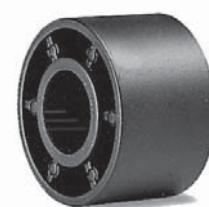
Roller



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

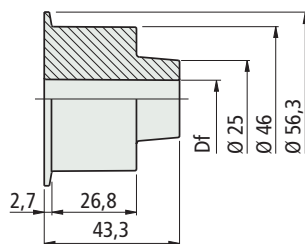
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 727



Dia. 46 mm
New Product

Roller



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

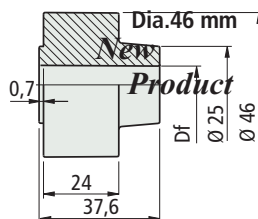
- Material : polyethylene PE (white).
- Packaging : 100 pieces.

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.

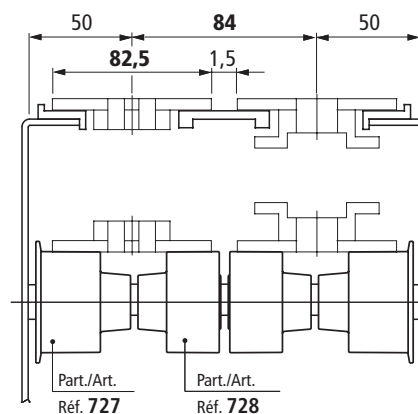
Characteristics

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

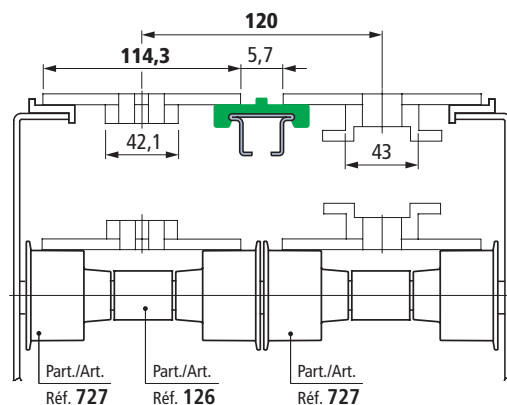
On request available with
antimicrobial protection.



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

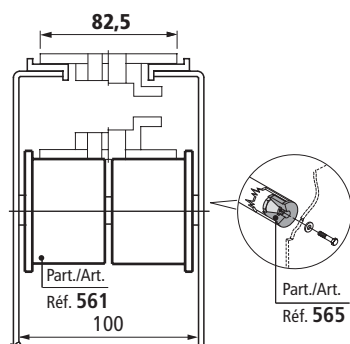


Chain width 114,3 mm (K450) / Pitch 120 mm

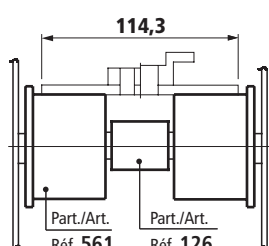


• TableTop® chains / PlateTop chains

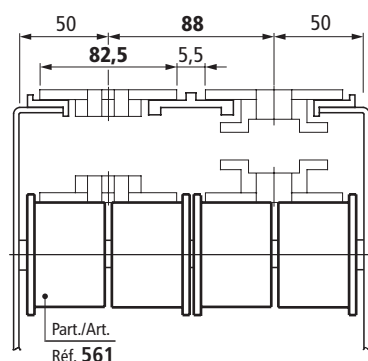
Chain width 82,5 mm (K325)



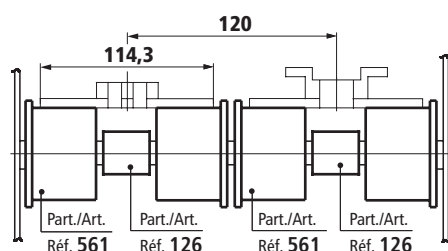
Chain width 114,3 mm (K450)



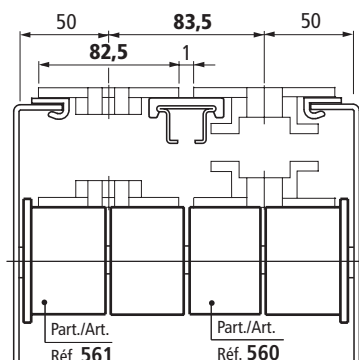
Chain width 82,5 mm (K325) / Pitch 88 mm



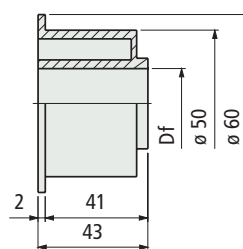
Chain width 114,3 mm (K450) / Pitch 120 mm



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



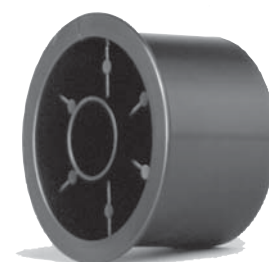
■ Roller



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

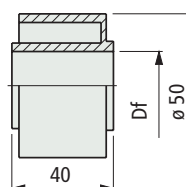
- Material : Polyamide PA (black).
- Packaging : 100 pieces.

Part. 561



Dia. 50 mm

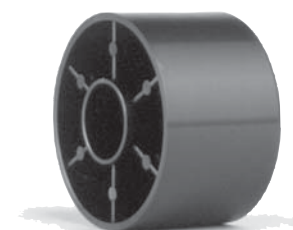
■ Roller



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

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

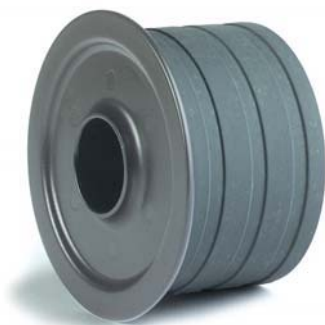
Part. 560



Dia. 50 mm

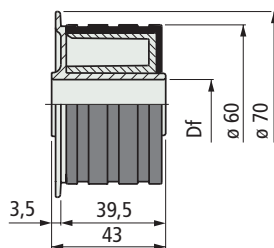
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 614



Dia. 60 mm

Roller (with rubber surface)

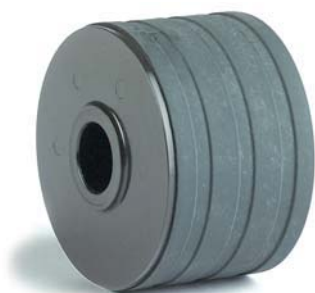


PATENTED

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

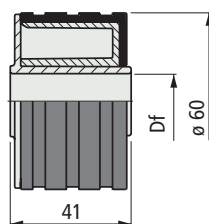
- Characteristics : completely closed design. Rubber surface for less noise even in high speed conveyors. Hub in acetal for low friction.
- Material : roller in acetal POM (grey). 65 shore hardness
- Packaging : 100 pieces.

Part. 613



Dia. 60 mm

Roller (with rubber surface)



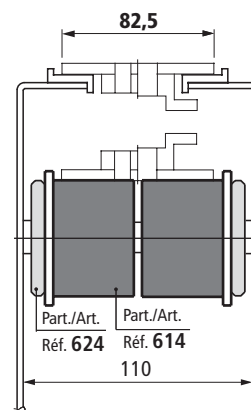
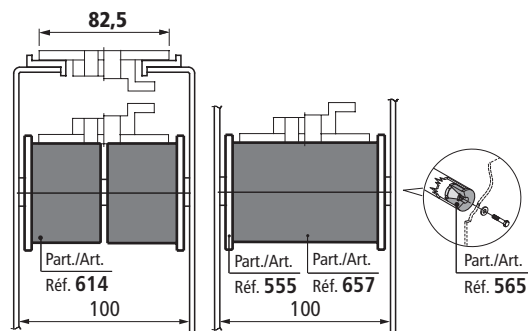
PATENTED

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

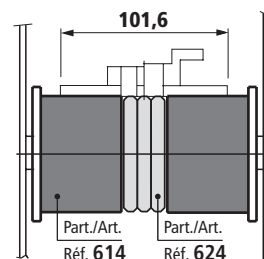
- Characteristics : completely closed design. Rubber surface for less noise even in high speed conveyors. Hub in acetal for low friction.
- Version with **Microban®** material : roller in acetal POM (white) with **Microban®** antibacterial protection. External EPDM rubber surface (grey) with **Microban®**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

TableTop® chains / PlateTop chains

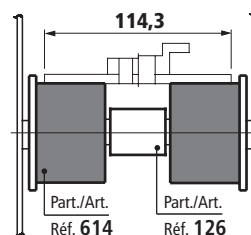
Chain width 82,5 mm (K 325)



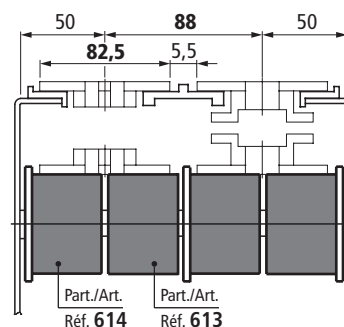
Chain width 101,6 mm (K400)



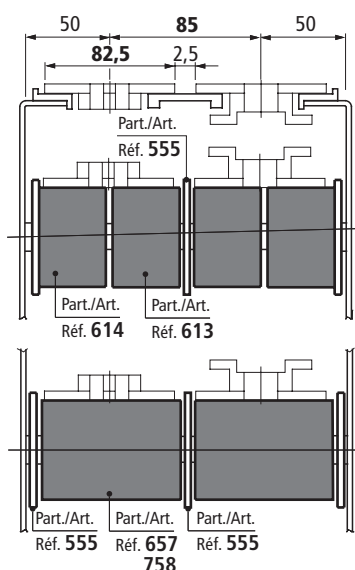
Chain width 114,3 mm (K 450)



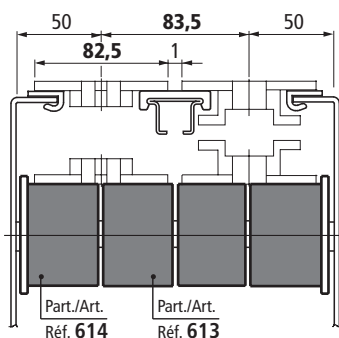
Chain width 82,5 mm (K 325) / Pitch 88 mm



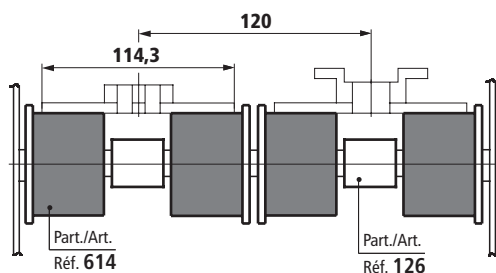
Chain width 82,5 mm (K 325) / Pitch 88 mm



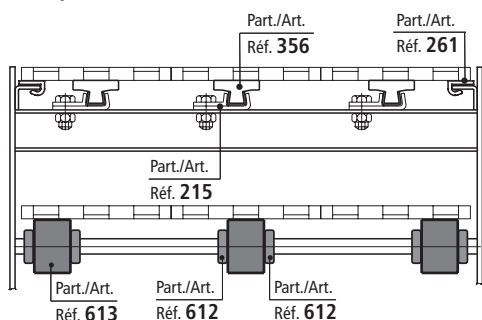
Chain width 82,5 mm (K 325) / Pitch 83,5 mm



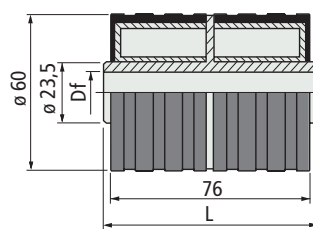
Chain width 114,3 mm (K 450) / Pitch 120 mm



• MatTop® modular chains



■ Double roller (with rubber surface)



PATENTED

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

* = New Product

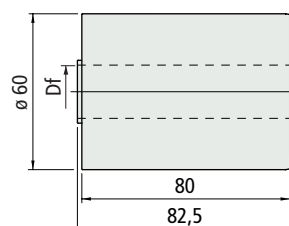
- Characteristics : completely closed design. Rubber surface for less noise even in high speed conveyors. Hub in acetal for low friction.
- Material : roller in acetal POM (grey). External EPDM rubber surface (grey). 65 shore hardness
- Packaging : 100 pieces.

Part. **657**



Dia. 60 mm

■ Double roller



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.

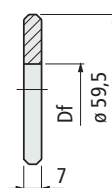
Part. **758**



New
Product

Dia. 60 mm

■ Separator



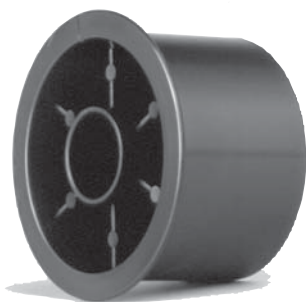
Part.	shaft dia. mm	Bore dia. Df mm	Code
624	20	20,2	619412

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

Part. **624**

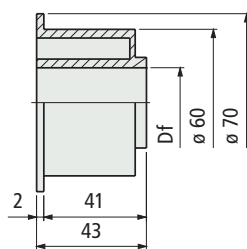


Part. 556



Dia. 60 mm

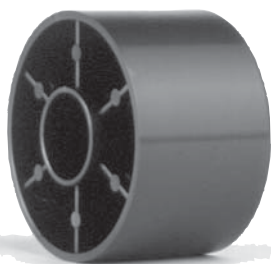
Roller



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

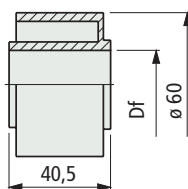
- Material : self-lubricating polyamide PA (black).
- Packaging : 100 pieces.

Part. 554



Dia. 60 mm

Roller



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

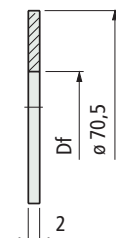
- Material : self-lubricating polyamide PA (black).
- Packaging : 100 pieces.

Part. 555



For Part. 554-613

Guide flange

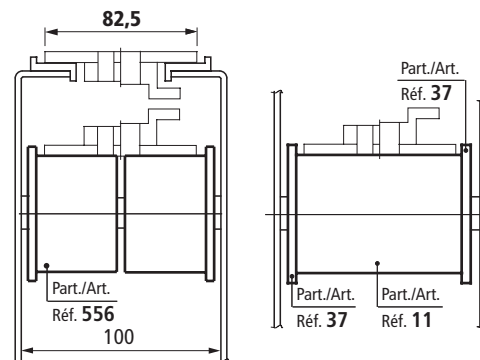


Part.	shaft dia. mm	Bore dia. Df mm	Code
555	15	15,2	695181*
	16	16,2	695191
	18	18,2	695201*
	20	20,2	695211

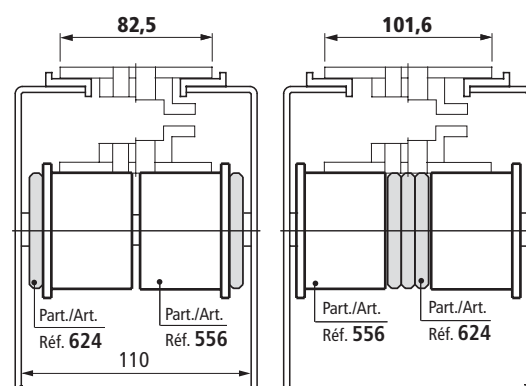
- Assembly : to be applied to rollers Part. 554-613.
- Material : self-lubricating polyamide PA (black).
- Packaging : 100 pieces.

TableTop® chains / PlateTop chains

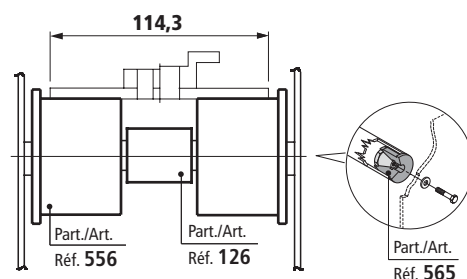
Chain width 82,5 mm (K 325)



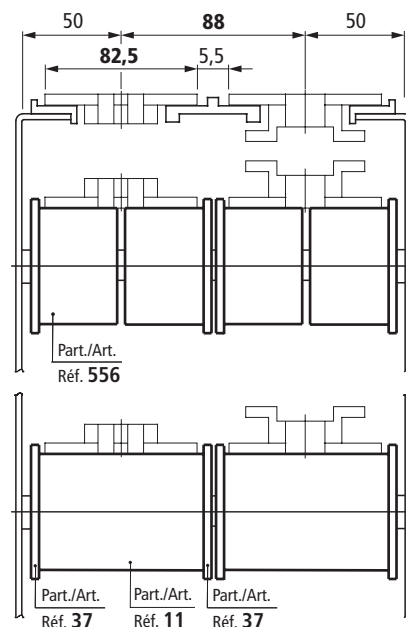
Chain width 82,5 mm (K325) - 101,6 mm (K400)



Chain width 114,3 mm (K 450)

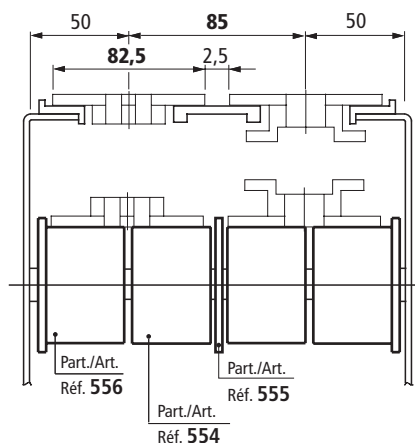


Chain width 82,5 mm (K 325) / Pitch 88 mm

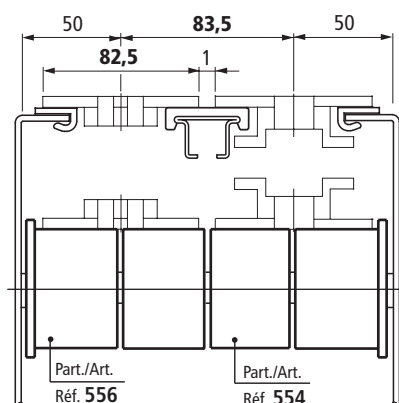


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

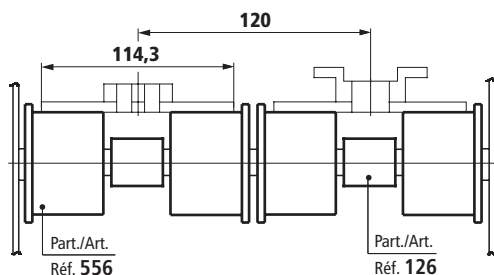
Chain width 82,5 mm (K 325) / Pitch 85 mm



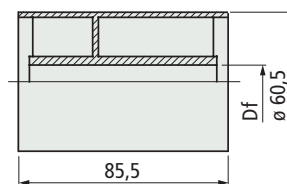
Chain width 82,5 mm (K 325) / Pitch 83,5 mm



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



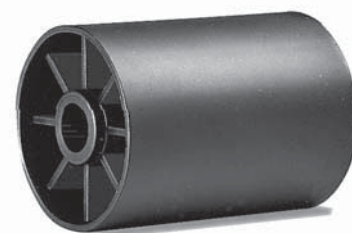
Roller



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

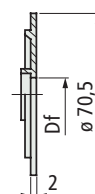
- Material : polyamide PA (black).
- Packaging : 50 pieces.

Part. 11



Dia. 60 mm

Guide flange



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

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

Part. 37



For Part. 11

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

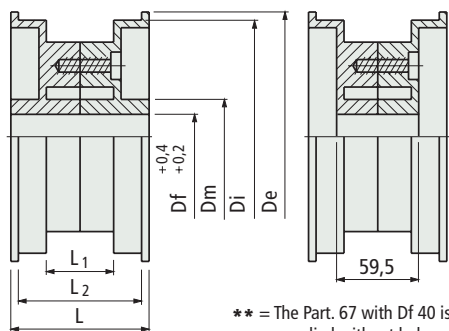
Part. 67-22-74



Rollers

Part. 67 (Df 30) - 22 - 74

Part. 67 (Df 40)



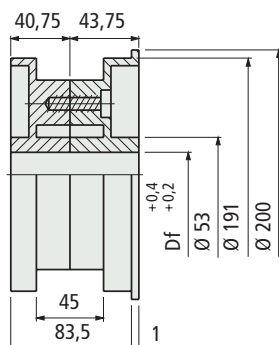
Part.	De mm	Di mm	Dm mm	L1 mm	L2 mm	L mm	Bore dia. Df mm	Code
67	167	156	41	50	84,5	87,5	30	50580
			**				40	50590
22	200	191	53	45	85,5	87,5	30	63840
							40	50630*
74	200	191	53	62	102,5	105,5	30	50640
							40	50650*

- 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



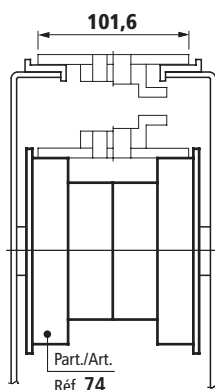
Roller



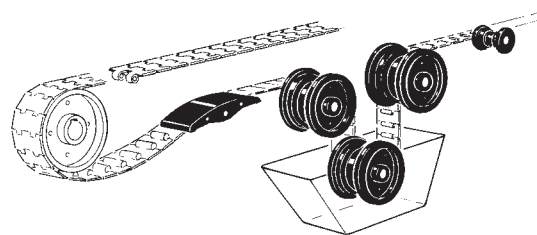
Part.	Bore dia. Df mm	Code	Weight Kg
22 M	30	64507	0,49

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

Chain width 101,6 mm (K 400)

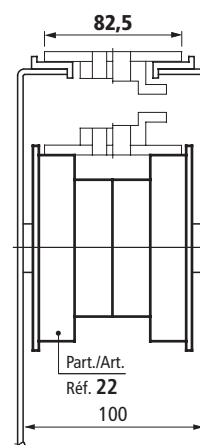


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

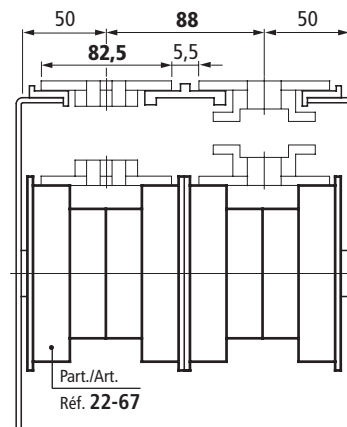


TableTop® chains

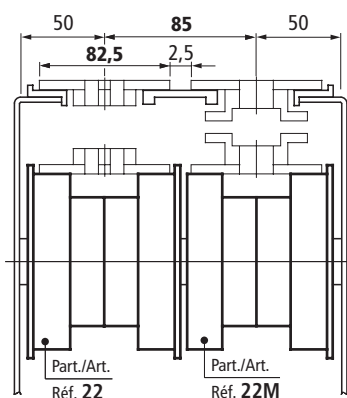
Chain width 82,5 mm (K 325)



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



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

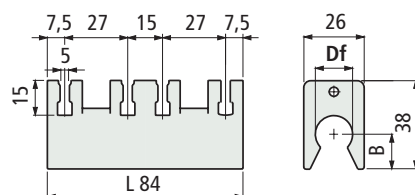


- With 3 track conveyors: use 1 Part. 22 and 2 Part. 22 M.
- With 4 track conveyors: use 1 Part. 22 and 3 Part. 22 M, etc.

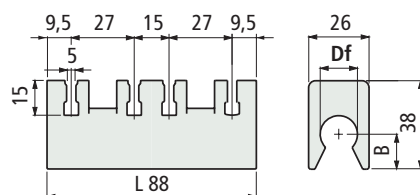
Part. 523

■ Spacer for round profile

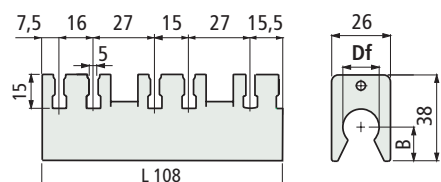
Version with L 84 mm



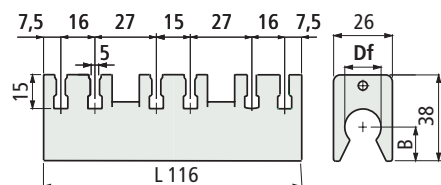
Version width L 88 mm



Version width L 108 mm



Version width L 116 mm

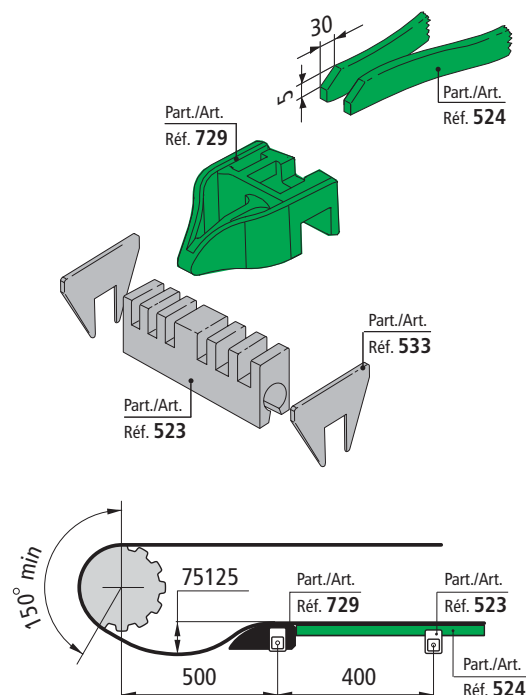


Part.	Width L mm	Bore dia. Df mm inch	Code	B mm	Weight Kg
523	L 84	15 —	643461*	15,5	0,04
		16 —	643471*	15	
		18 —	643481*	14	
		20 —	643491	13	
		— 3/4"	692112*	13	
523	L 88	20 —	698442*	13	0,05
		— 3/4"	698452*	13	
523	L 108	20 —	698422*	13	0,05
		— 3/4"	698432*	13	
523	L 116	20 —	692132*	13	0,05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

• = New Product

- Material : Polyamide PA (black).

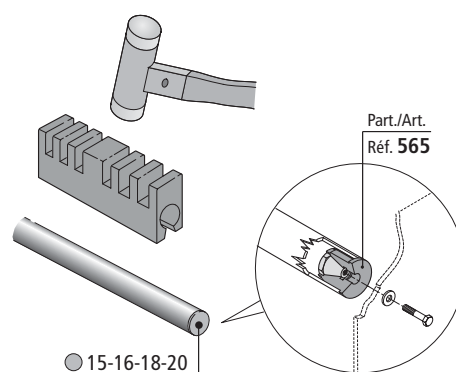
- Packaging : 100 pieces.



• Assembly Part. 523

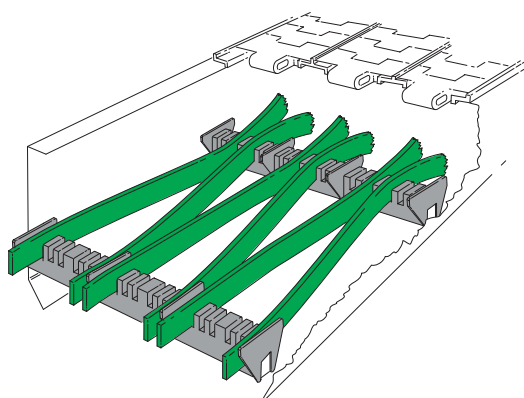
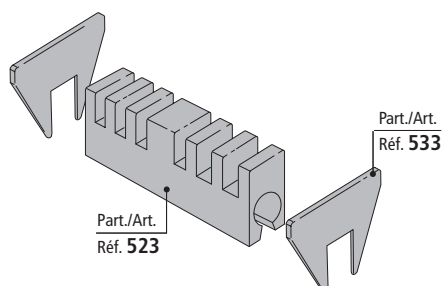
Snap-on assembly on round steel profiles.

For assembly schemes see page S56-S57

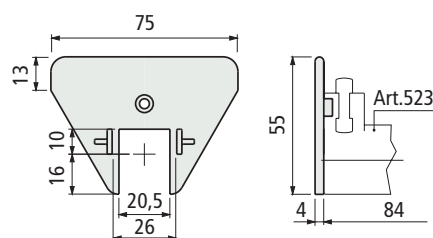


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

for Part. 523



Striker



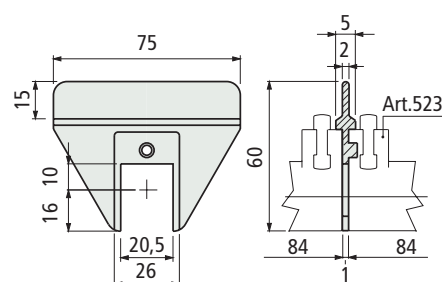
Part.	Code	Weight Kg
533	672801	0,01

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

Part. 533



Striker (centre)



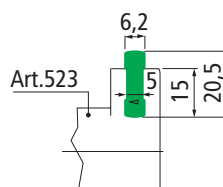
Part.	Code	Weight Kg
533	672811*	0,01

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

Part. 533



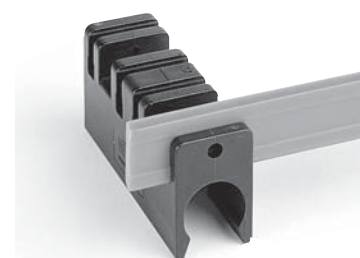
Sliding profile



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

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

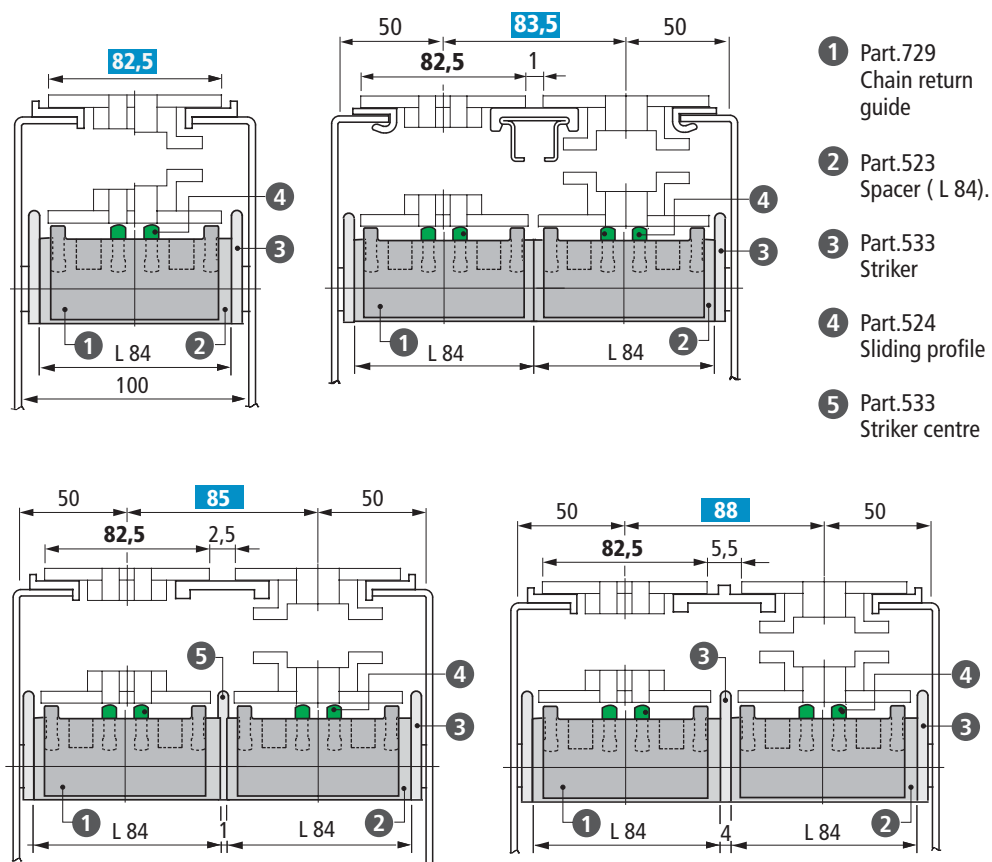
Part. 524



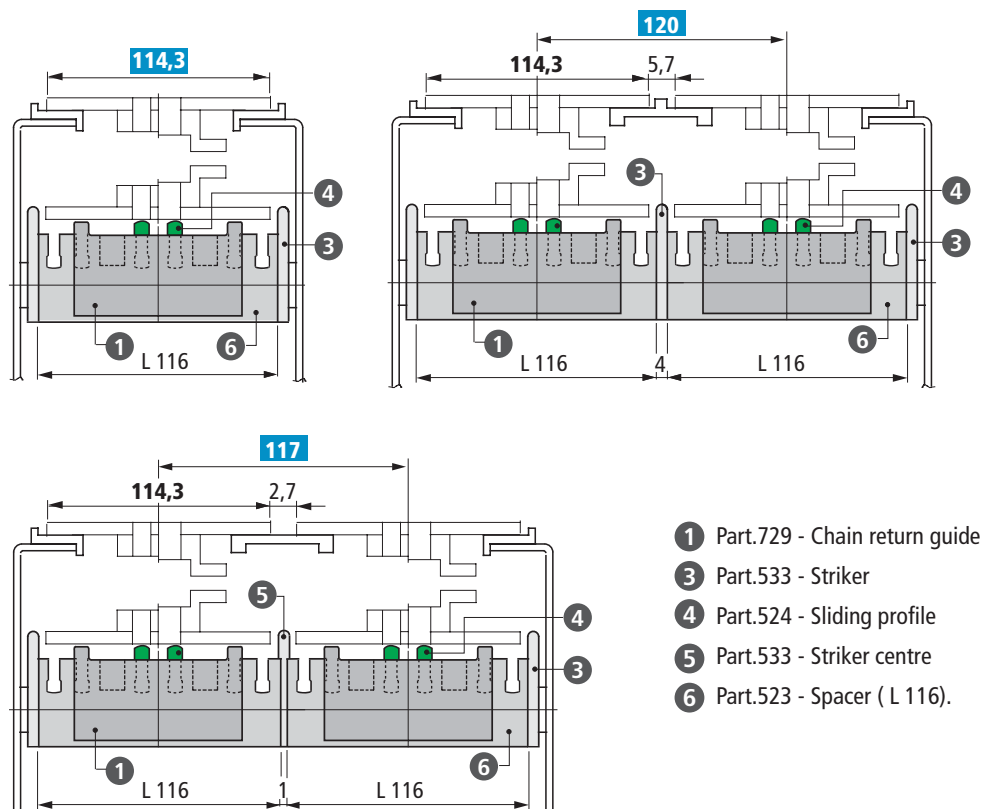
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

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

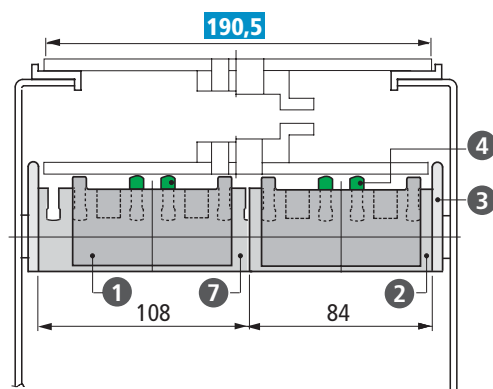
• Chain width 82,5 mm (K325)



• Chain width 114,3 mm (K450)

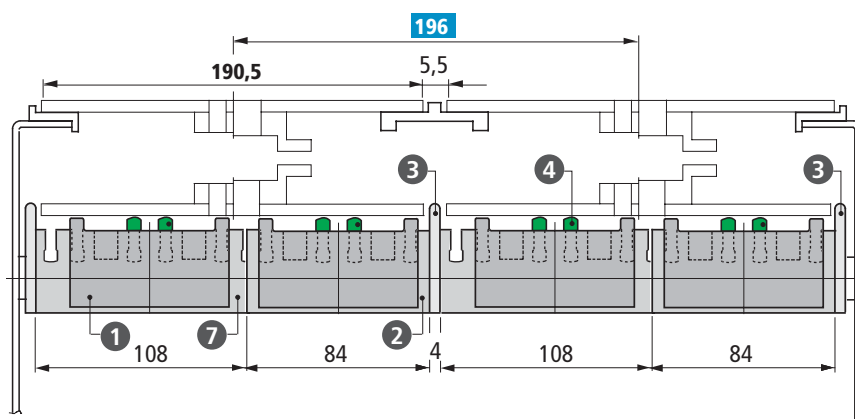


• Chain width 190,5 mm (K750)

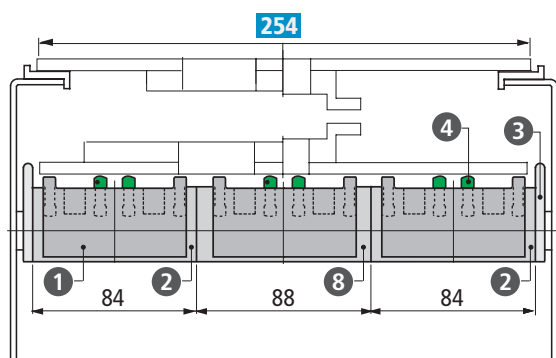


- 1 Part.729 - Chain return guide
- 2 Part.523 - Spacer (L 84).
- 3 Part.533 - Striker
- 4 Part.524 - Sliding profile
- 7 Part.523 - Spacer (L 108).

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

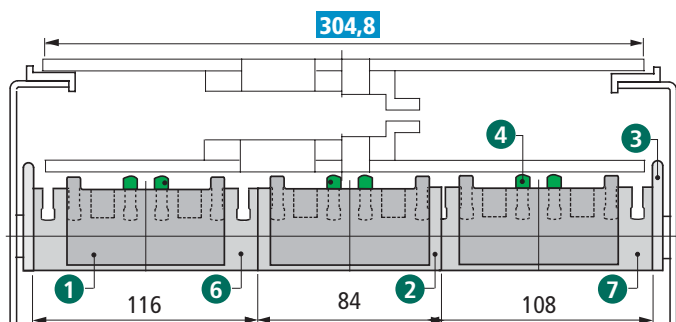


• Chain width 254 mm (K1000)



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

• Chain width 304,8 mm (K1200)



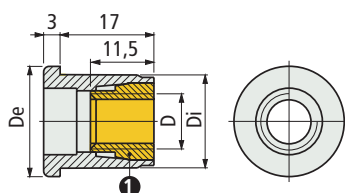
- 1 Part.729 - Chain return guide
- 2 Part.523 - Spacer (L 84).
- 3 Part.533 - Striker
- 4 Part.524 - Sliding profile
- 6 Part.523 - Spacer (L 116).
- 7 Part.523 - Spacer (L 108).

Part. 565



for round tubes Dia. 18-20 mm

Expansion plugs



① Expansion cone

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

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

Part. 179

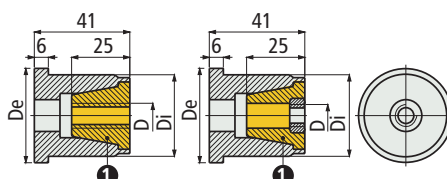


for round tubes Dia. 38-42,4 mm

Expansion plugs

Expansion cone in brass

Expansion cone in reinforced polyamide PA FV

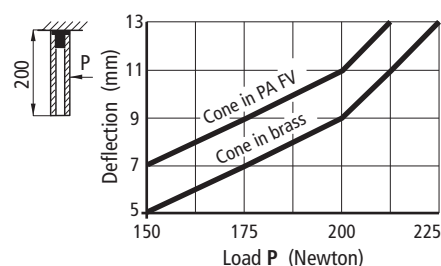


① Expansion cone

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

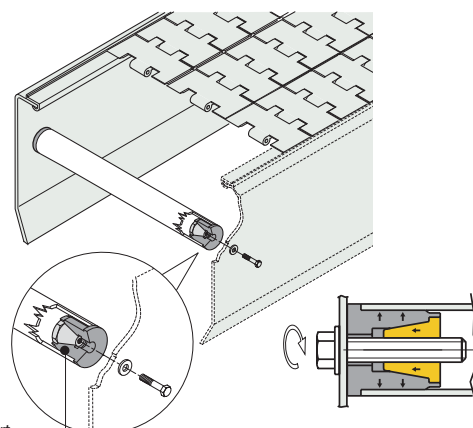
- Material : plug in reinforced polyamide PA (black), expansion cone in brass or in reinforced polyamide PA FV.
- Weight : 0,10 Kg.
- Packaging : 50 pieces.
- Max recommended tightening torque : 2,5 Kgm (for M8), 4 Kgm (for M10).

Deflection of Part. 179



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

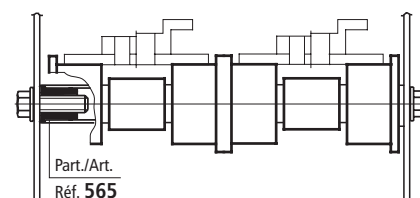
Assembly Part. 565 - 179



Part./Art.
Réf. 565-179

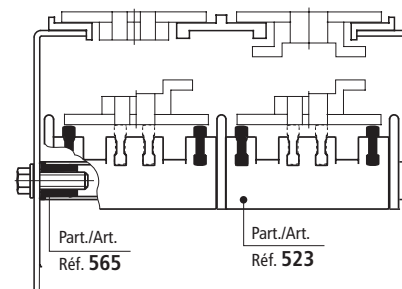
Tightening the bolt, the plug expands and stays firmly in the tube.

Application example of Part.565 for return chain rollers



Part./Art.
Réf. 565

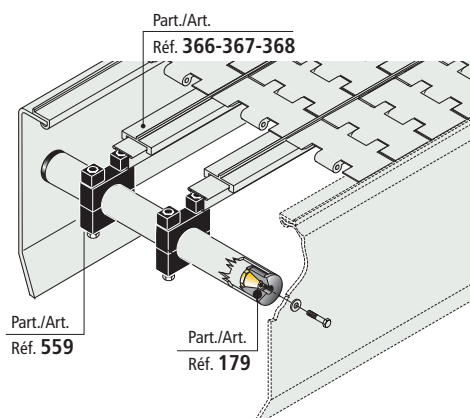
Application example of Part.565 for serpentine return



Part./Art.
Réf. 565

Part./Art.
Réf. 523

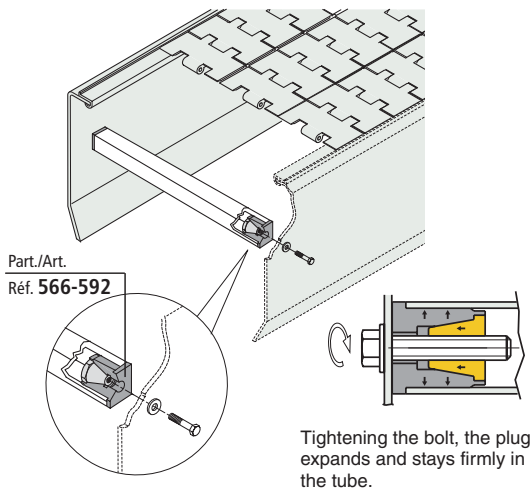
Application example of Part.179 for supporting chain guide profile Part.366-367-368



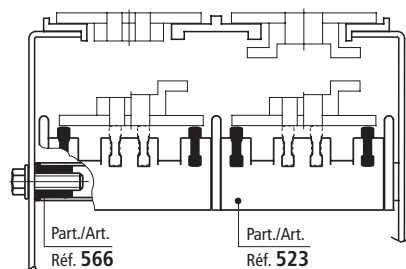
Part./Art.
Réf. 559

Part./Art.
Réf. 179

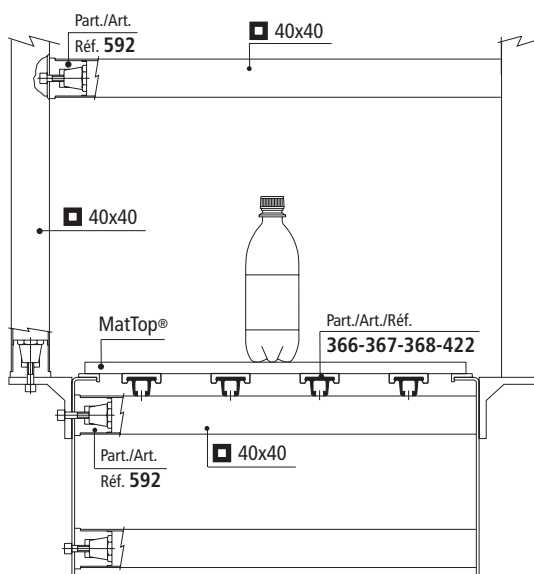
• Assembly Part. 566 - 592



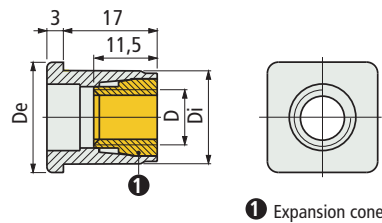
• Application example of Part.566 for serpentine return



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



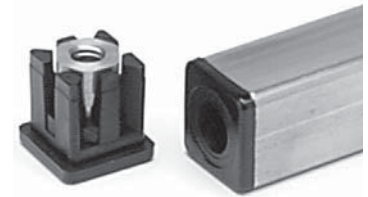
Expansion plugs



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

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

Part. 566

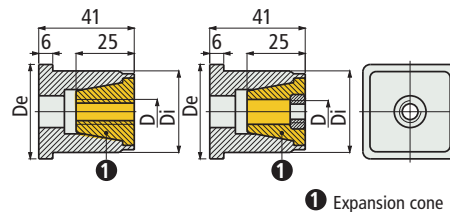


for tubes $\varnothing$ 20 mm

Expansion plugs

Expansion cone in brass

Expansion cone in reinforced polyamide PA FV



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

• Expansion cone in brass

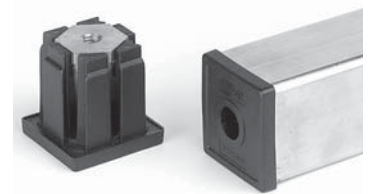
592	$\varnothing$ 40	1,5/2	37/36	M8	42	36
				M10	42	36
		2,5/3	35/34	M8	42	34
				M10	42	34

• Expansion cone in reinforced polyamide PA FV

592	$\varnothing$ 40	1,5/2	37/36	M8	42	36
				M10	42	36
		2,5/3	35/34	M8	42	34
				M10	42	34

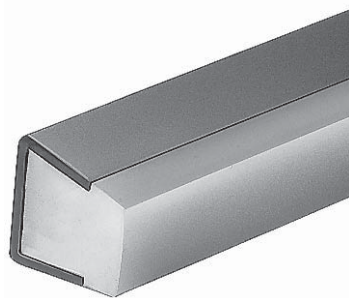
- Material : plug in reinforced polyamide PA FV (black), expansion cone in brass or in reinforced polyamide PA FV.
- Weight : 0,10 Kg.
- Packaging : 50 pieces.
- Max recommended tightening torque : 2,5 Kgm (for M8), 4 Kgm (for M10).

Part. 592

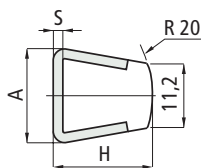


for tubes $\varnothing$ 40 mm

Part. 317



■ Guide rail (half round)



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

Part.	Thickness 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 : 4×10^{-5} . Calculation of thermal expansion see page S204.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).

- Accessories :

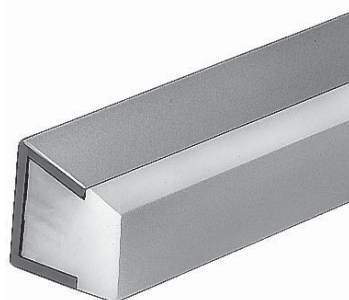


Guide rail
clamps
see page S104.

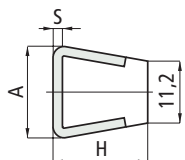


Guide rail bending
machine (manual)
see page S101.

Part. 223



■ Guide rail (flat)



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

Part.	Thickness S mm	Metal profile material	Length metres	Code	Weight kg/m
223	1,5	Inox AISI 304	3	61031	0,54
			6	69402	
	2	Zinc plated steel	3	63971	
			6	61743*	
	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 : 4×10^{-5} . Calculation of thermal expansion see page S204.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).

- Accessories :



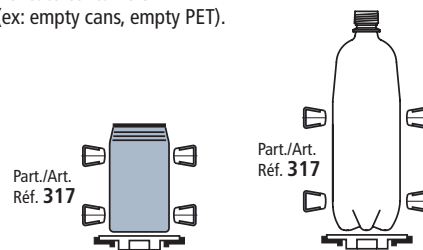
Guide rail
clamps
see page S104.



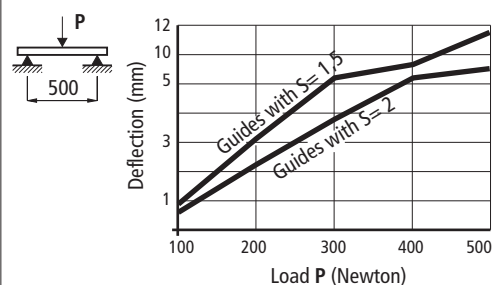
Guide rail bending
machine (manual)
see page S101.

• Use of Part. 317

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

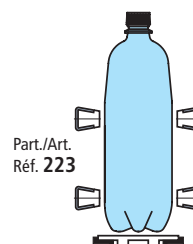


• Deflection of Part. 317 - 223

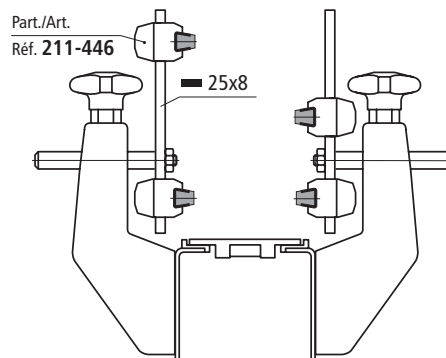


• Use of Part. 223

Middle delicate
containers
(ex: full PET).

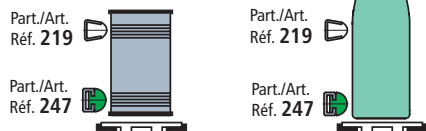


• Assembly of Part. 317-223

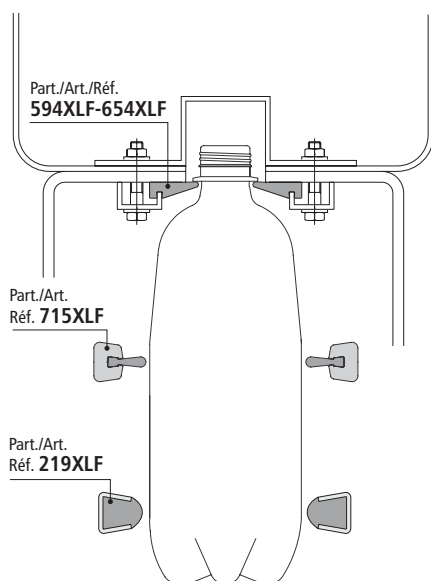


*: items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

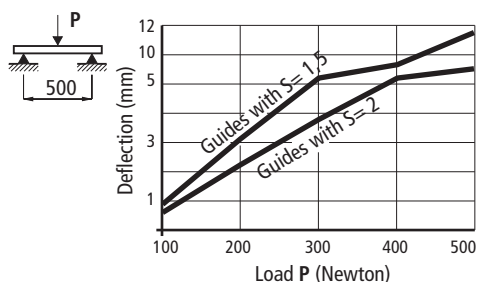
- Use of Part. 219-247
Medium strength containers
(ex: latten, glass).



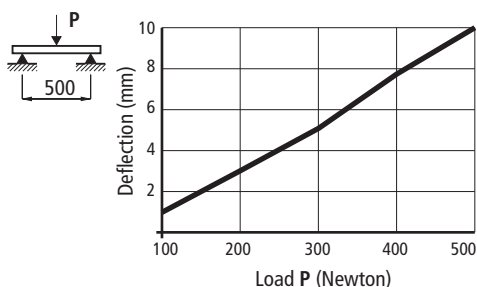
Plastic profile of Part. 247 can be disassembled.



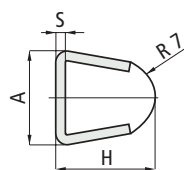
- Deflection of Part. 219-219XLF



- Deflection of Part. 247



■ Guide rail (round)



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

Part.	Thickness S mm	Metal profile material	Length metres	Code	
				Without Microban®	With Microban®
Plastic profile in polyethylene UHMWPE (white).					
219	1,5	Inox AISI 304	3	60161	—
			6	69292	—
		Zinc plated steel	3	63961	—
			6	61753	651972
	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 : 4×10^{-5} .
- Calculation of thermal expansion see page S204.
- Packaging : 24 metres (in 3 m length).
48 metres (in 6 m length).
- Accessories :

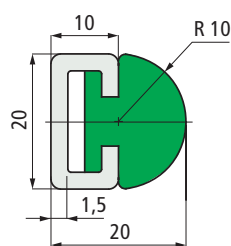


Guide rail
clamps
see page S104.



Guide rail bending
machine (manual)
see page S101.

■ Guide rail (round)



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

* = New Product.

- Min. curvature radius : 145 mm.
- Linear expansion coefficient : 2×10^{-4} .
- Calculation of thermal expansion see page S208.
- Packaging : 24 metres.
- Accessories :

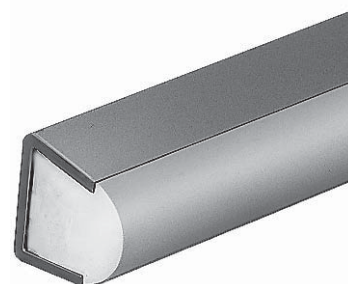


Guide rail
clamps
see page S104.



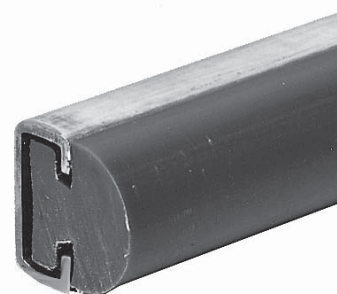
Guide rail bending
machine (manual)
see page S101.

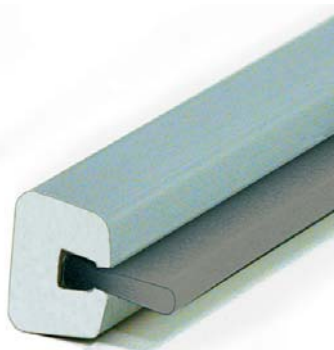
Part. 219-219XLF



Microban®
antibacterial protection

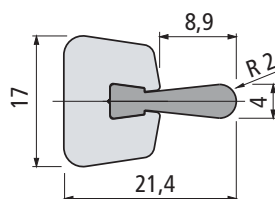
Part. 247



Part. **715-715XLF**

In aluminium
**New
Product**

■ Guide rail

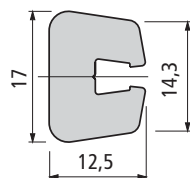


Part.	Length metres	Code	Weight kg/m
Plastic profile in Polyethylene (white)			
715	3	686182	0,59
	6	686192	
Plastic profile in Polyethylene XLF (grey)			
715XLF	3	XL691892	0,59
	6	XL691902	

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

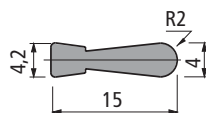


The guide rail can be supplied with separated components.

Part. **717** - Metal profile

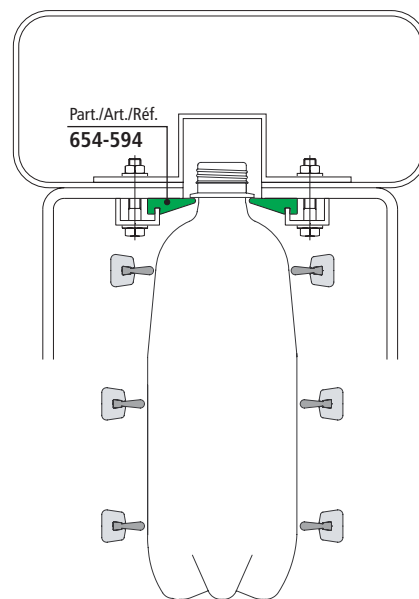
Part.	Length metres	Code	Weight kg/m
717	3	686222	0,50

Packaging : 60 metres.

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

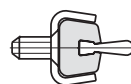
Part.	Length metres	Code	Weight kg/m
Polyethylene (white)			
716	3	688942	0,09
	6	688952	
Polyethylene XLF (grey)			
716XLF	3	XL691912	0,09
	6	XL691922	

- Packaging : 60 metres.

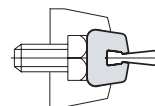


• Accessories : guide rail clamps see page S122

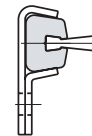
Part./Art.
Réf. **216-903**



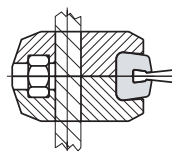
Part./Art.
Réf. **275**



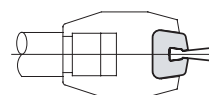
Part./Art.
Réf. **215**



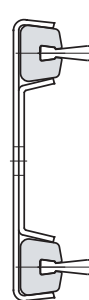
Part./Art.
Réf. **211-446**



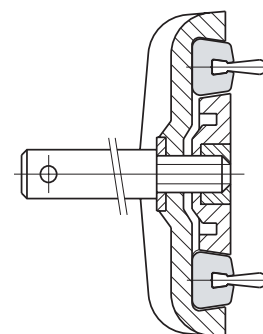
Part./Art.
Réf. **210-210P**



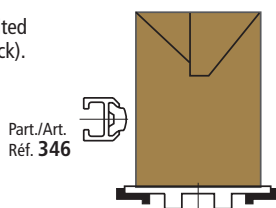
Part./Art.
Réf. **217**



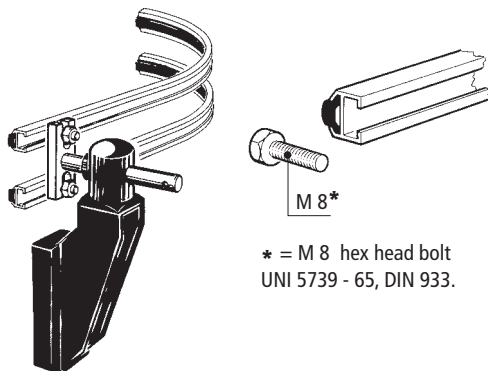
Part./Art.
Réf. **213**



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

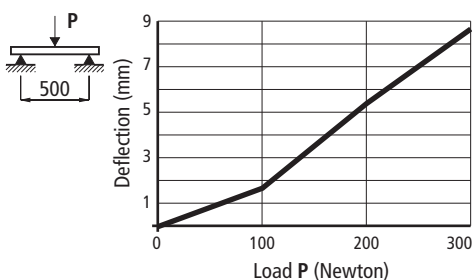


- Assembly of Part. 346

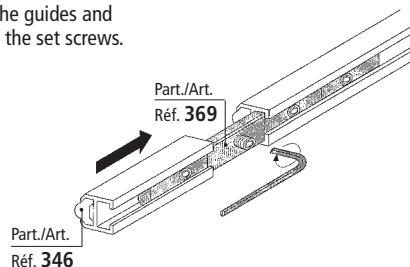


* = M 8 hex head bolt
UNI 5739 - 65, DIN 933.

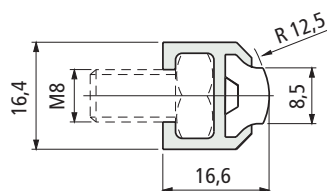
- Deflection of Part. 346



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



Guide rail (half round)



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

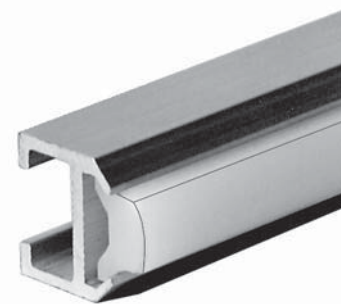
- Material : plastic profile in polyethylene UHMWPE (white).
Metal profile in anodized aluminium.
- Min. curvature radius : 110 mm.
- Linear expansion coefficient : 2×10^{-4} .
- Calculation of thermal expansion see page S204.
- Packaging : 48 metres (in 3 m length).
96 metres (in 6 m length).

Accessories :



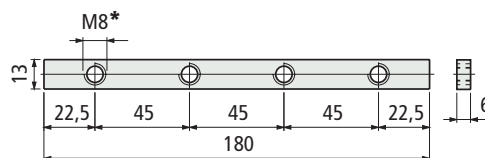
Guide rail bending
machine (manual)
see page S101.

Part. 346



In aluminium

Connecting bar



* = set screw

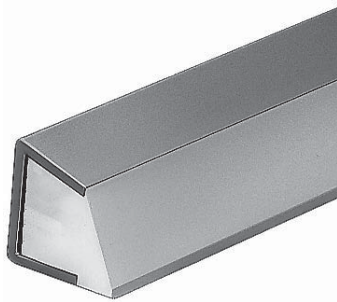
Part.	Code
369	69995

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

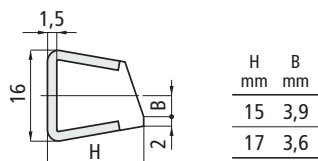
Part. 369



Part. 393



Label protection guide



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

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



Guide rail clamps
see page S104.

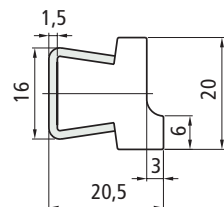


Guide rail bending machine (manual)
see page S101.

Part. 596



Label protection guide



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

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



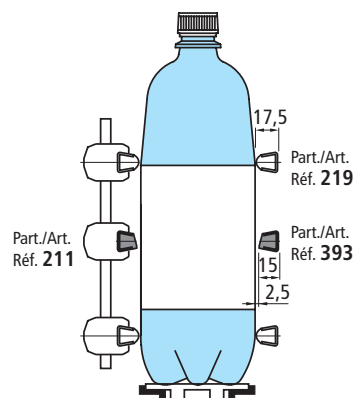
Guide rail clamps
see page S104.



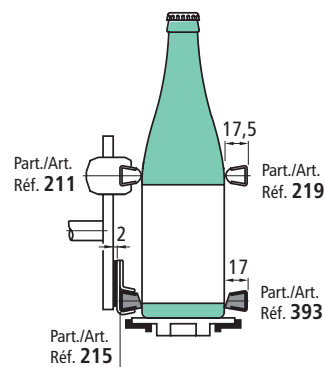
Guide rail bending machine (manual)
see page S101.

Use of Part. 393

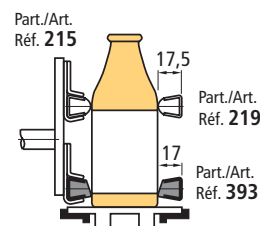
Transport of PET btles with petaloid bottom.
The guide can be used to stabilize, and protect label from damage.



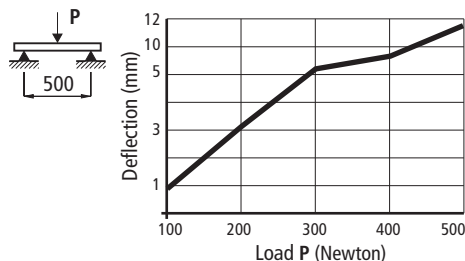
Transport of glass bottles.



Transport of fruit juices.



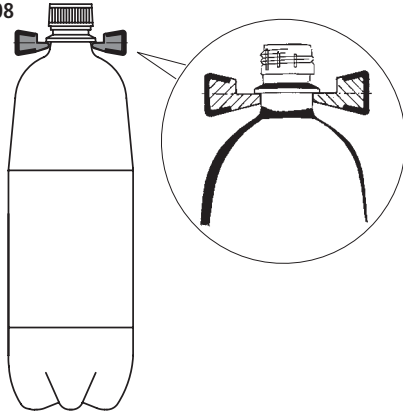
Deflection of Part. 393 - 596



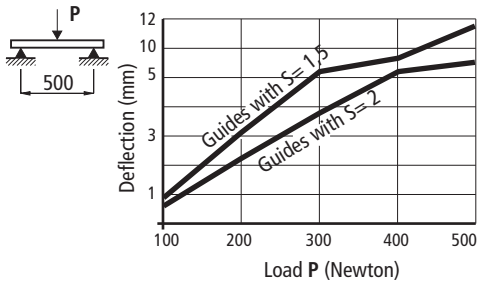
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

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

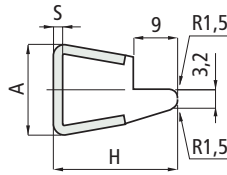
Part./Art.
Réf. 308



- Deflection of Part. 308



Neck transport guide



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

Part.	Metal profile material	Thickness 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 : 4×10^{-5} . Calculation of thermal expansion see page S204.
- Packaging : 24 metres (in 3 m length). 48 metres (in 6 m length).

- Accessories :

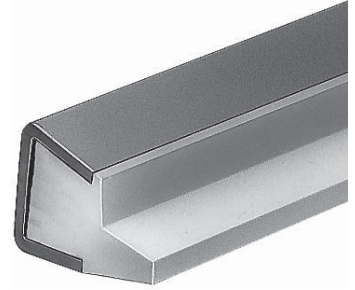


Guide rail clamps
see page S104.



Guide rail bending machine (manual)
see page S101.

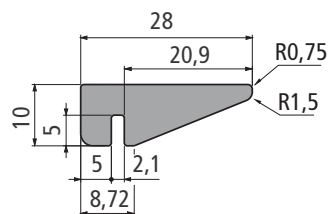
Part. 308



Part. **594XLF**

*New
Product*

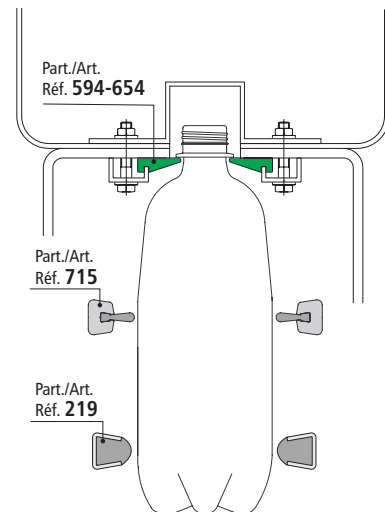
■ Neck transport guide



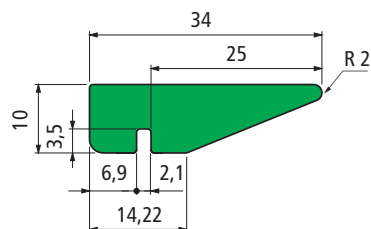
Part.	Length metres	Code
594 XLF	3	XL 691702
	6	XL 691712

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

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

Part. **654-654XLF**

■ Neck transport guide

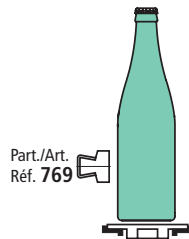
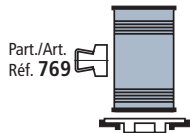


Part.	Length metres	Code
Polyethylene UHMWPE (green)		
654	6	654872
Polyethylene XLF (grey)		
654 XLF	3	XL691722*
	6	XL691732*

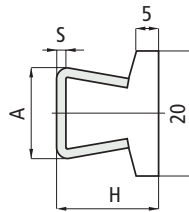
* = *New Product*.

- 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 : 2×10^{-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)



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	0.61
		Zinc plated steel	6	609193	
	2	Inox AISI 304	3	609213	0.71
			6	609223	

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



Guide rail
clamps
see page S104.



Guide rail bending
machine (manual)
see page S101.

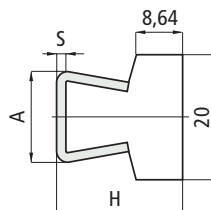
Part. 770



New
Product



■ 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
769	1,5	Inox AISI 304	3	609133	0,67
		Zinc plated steel	6	609143	
	2	Inox AISI 304	3	609163	0,78
			6	609173	

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



Guide rail
clamps
see page S104.



Guide rail bending
machine (manual)
see page S101.

Part. 769



New
Product



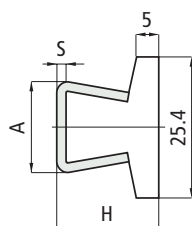
Part. 768



**New
Product**



■ 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	0,63
			6	609093	
		Zinc plated steel	3	609103	
	2	Inox AISI 304	3	609113	0,74
			6	609123	
		Zinc plated steel	3	609133	

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

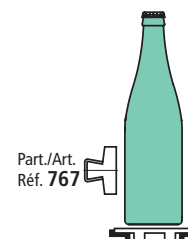
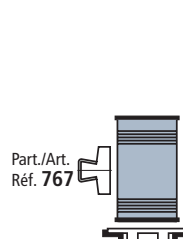


Guide rail
clamps
see page S104.



Guide rail bending
machine (manual)
see page S101.

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



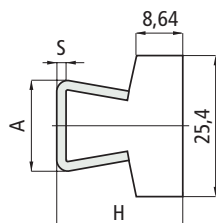
Part. 767



**New
Product**



■ 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	0,72
			6	609043	
		Zinc plated steel	3	609053	
	2	Inox AISI 304	3	609063	0,82
			6	609073	
		Zinc plated steel	3	609083	

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



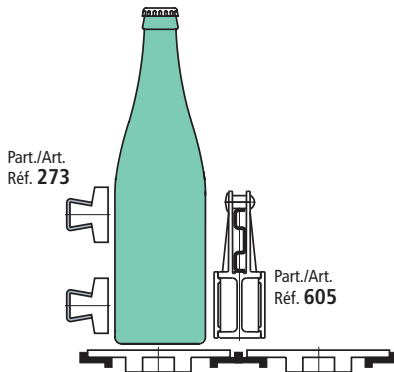
Guide rail
clamps
see page S104.



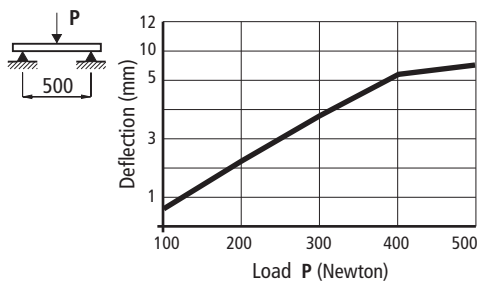
Guide rail bending
machine (manual)
see page S101.

• Use of Part. 273

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

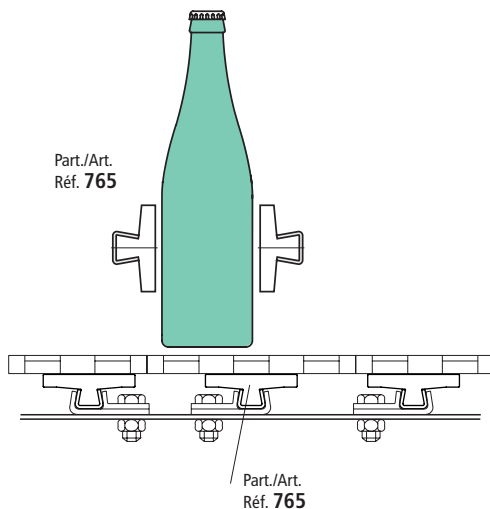


• Deflection of Part. 273

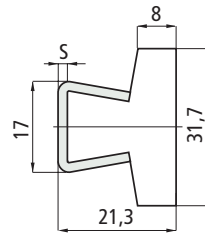


• Use of Part. 765

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



■ Guide rail (extra-flat)



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

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

- Accessories :



Guide rail
clamps
see page S104.

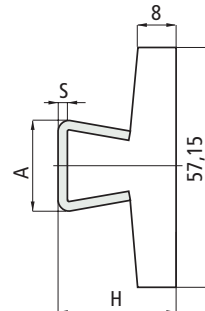


Guide rail bending
machine (manual)
see page S101.

Part. 273



■ Guide rail (extra-flat)



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

Part.	Thickness S mm	Metal profile material	Length metres	Code	Wight kg/m
765	1,5	Inox AISI 304	3	608943	0,95
			6	608953	
	2	Zinc plated steel	3	608963	1,06
			6	608973	
		Inox AISI 304	3	608973	
			6	608983	

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

- Accessories :



Guide rail
clamps
see page S104.



Guide rail bending
machine (manual)
see page S101.

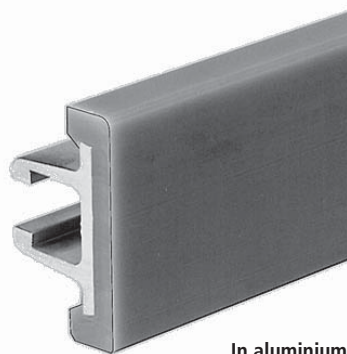
Part. 765



New
Product

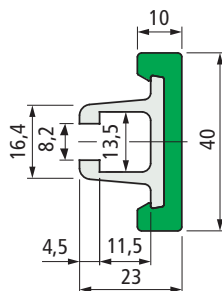


Part. 422



In aluminium

■ Guide rail (extra flat)



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

- Use : rugged containers.
- Material : plastic profile in polyethylene UHMWPE (green). Metal profile in anodized aluminium.
- State of supply : the plastic and metal profiles are supplied assembled.
- Plastic profile spare part code : **68309** (6 metres).
- Min. curvature radius : 280 mm.
- Linear expansion coefficient : 2×10^{-4} .
- Calculation of thermal expansion see page S204.
- Packaging : 48 metres.
- Accessories :



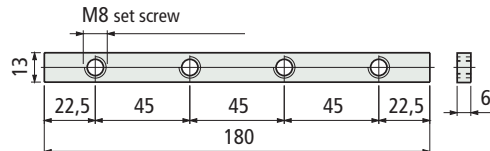
Guide rail bending machine (manual) see page S101.

Accessories

Part. 369



■ Connecting bar



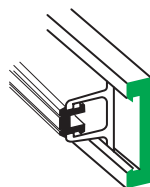
Part.	Code
369	69995

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

Part. 370



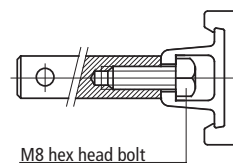
■ Sealing profile



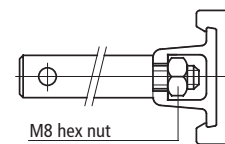
Part.	Code
370	61036*

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

• Fixing of Part. 422

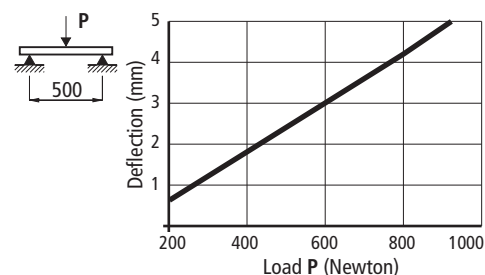


M8 hex head bolt



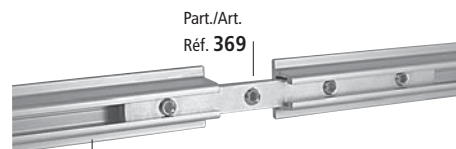
M8 hex nut

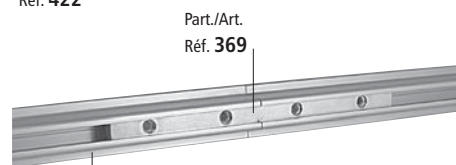
• Deflection of Part. 422



• Assembly of Part. 369

Insert the guides and tighten the set screws.


Part./Art.
Réf. 422

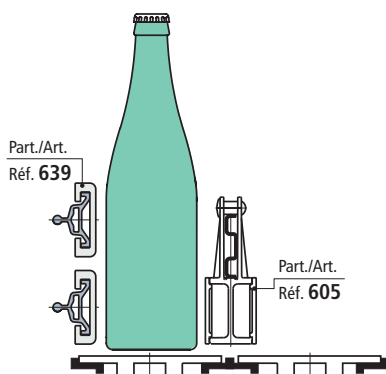
Part./Art.
Réf. 369

Part./Art.
Réf. 422

Part./Art.
Réf. 369

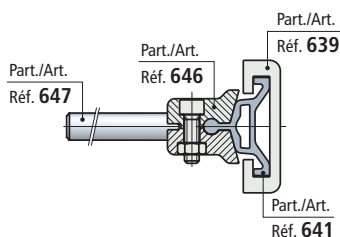
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• Use of Part. 639

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

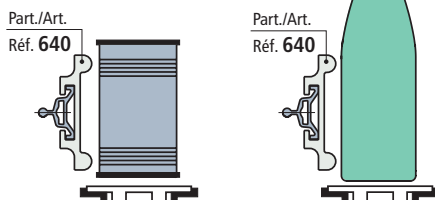


• Assembly of Part. 639

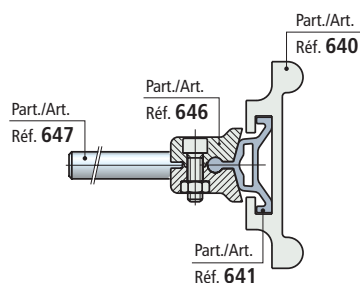


• Use of Part. 640

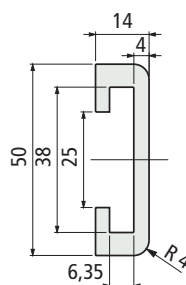
Medium strength containers (ex: latten, glass).



• Assembly of Part. 640



■ Guide rail



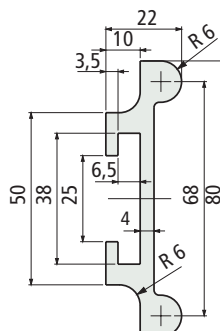
Part.	Colour	Length metres	Code
639	Black	3	652252

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



Guide rail
clamps
see page S104.

■ Guide rail



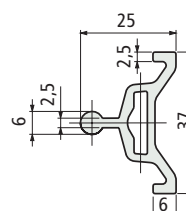
Part.	Colour	Length metres	Code
640	Black	3	652262

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



Guide rail
clamps
see page S104.

■ Metal profile



Part.	Length metres	Code
641	3	652272
	6	652282

Material : anodized aluminium.

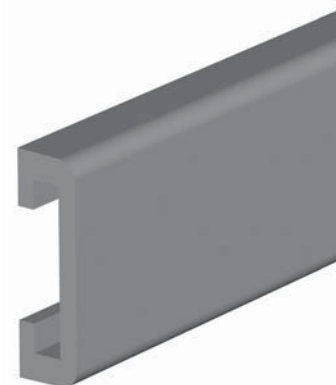
- Packaging : 36 metres.

- Accessories :

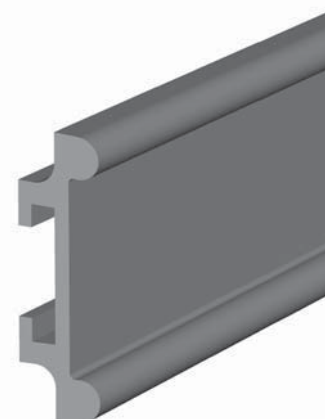


Guide rail
clamps
see page S104.

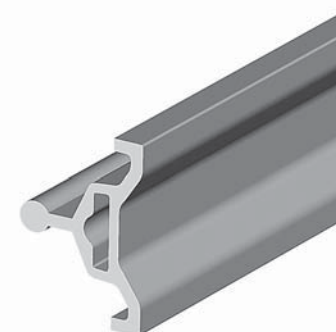
Part. 639



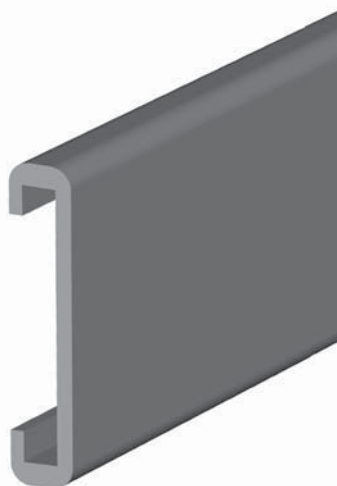
Part. 640



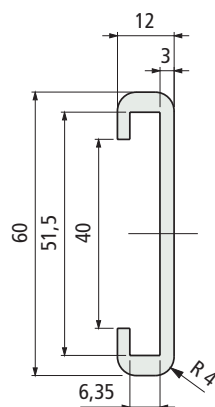
Part. 641



Part. 642



■ Guide rail (extra flat)



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

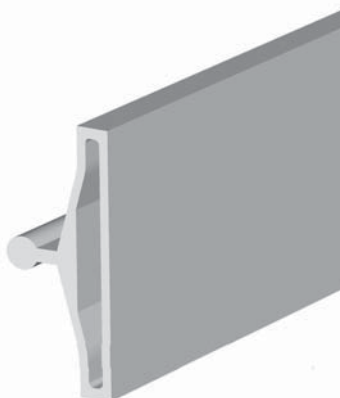
- Material : polyethylene UHMWPE.
- Linear expansion coefficient : 2×10^{-4} .
- Calculation of thermal expansion see page S204.
- Packaging : 36 metres.
- Accessories :



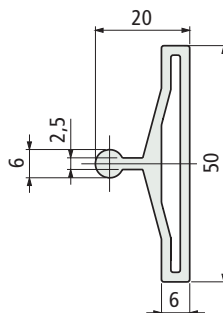
Part. 643
Metal
profile

Accessories

Part. 643



■ Metal profile



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

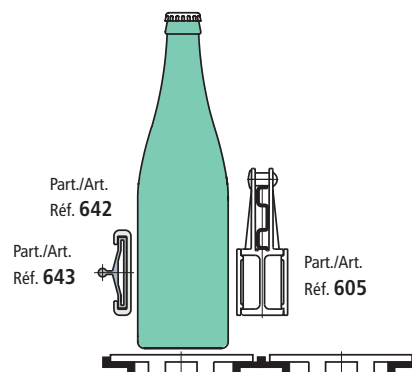
- Can be used in combination with Part. 642.
- Material : anodized aluminium.
- Packaging : 36 metres.
- Accessories :



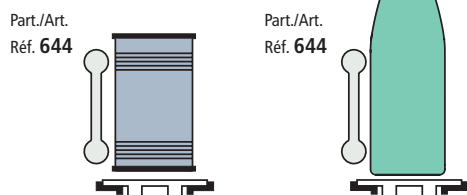
Guide rail
clamp
see page S104.

• Use of Part. 642-643

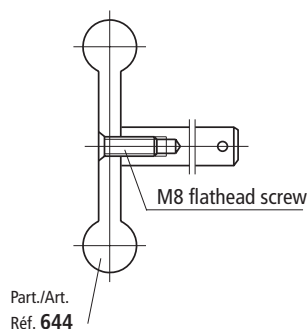
Rugged containers with delicate surface (for example decorated glass bottles). Can be used in combination with Part. 605.



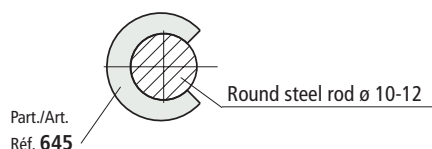
- Use of Part. 644
Medium strength containers
(ex: latten, glass).



- Fixing of Part. 644

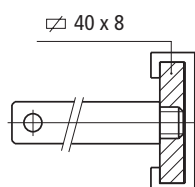


- Use of Part. 645
Protection of round steel rods

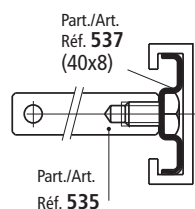


- Fixing of Part. 539
Assembly / disassembly

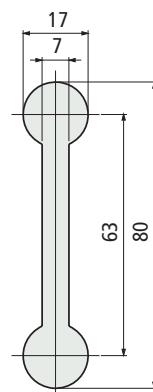
- Fixing with plate.



- Fixing with metal profile Part. 537.



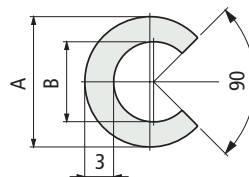
Guide rail



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

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

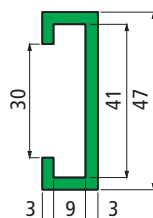
Profile for round steel rods



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

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

Guide rail (extra flat)



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

- Material : Polyethylene PE 500.000.
- Linear expansion coefficient : $2,5 \times 10^{-4}$.
- Calculation of thermal expansion see page S204.
- Packaging : 48 metres (in 3 m length).
- 96 metres (in 6 m length).
- Accessories :



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

Part. 644



Part. 645



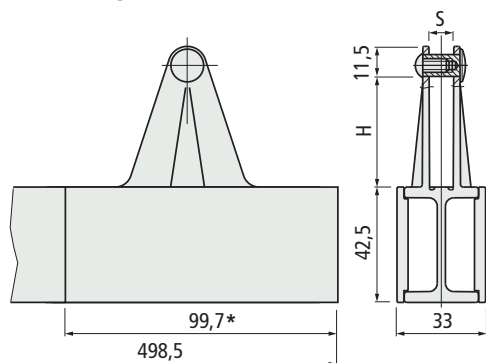
Part. 539



Part. 605



Centre guide (extra flat)



* = module length

PATENT PENDING

Curvilinea

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.



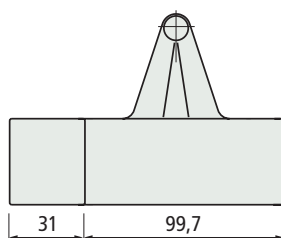
Part. 537 - Metal
profile 40x8
see page S89.

Accessories

Part. 606



Divider module



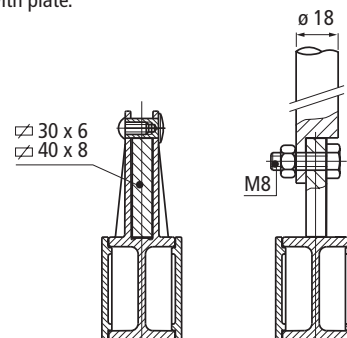
Part.	Version	Code	Weight kg
606	For 30x6 plate	613642	0,13
	For 40x8 plate	613652	

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

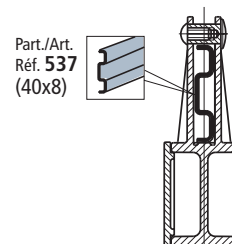
Fixing of Part. 605

Assembly / disassembly

- Fixing with plate.

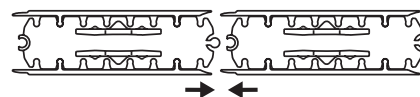


- Fixing with metal
profile Part. 537.



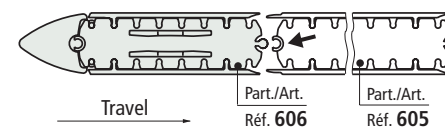
Modular system

The guide consists of modules with snap-on assembly.



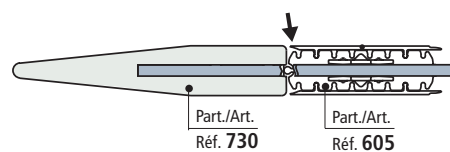
Assembly of Part. 606

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



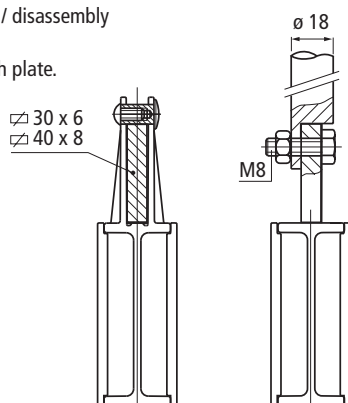
Assembly of Part. 730 (see page S87).

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

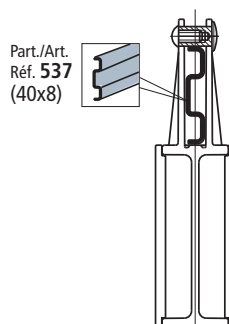


• Fixing of Part. 605 Assembly / disassembly

- Fixing with plate.

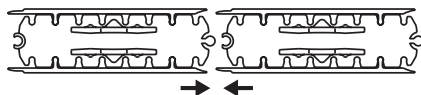


- Fixing with metal profile Part. 537.



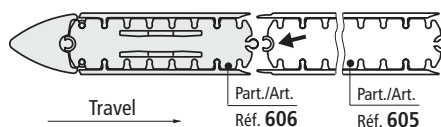
• Modular system

The guide consists of modules with snap-on assembly.



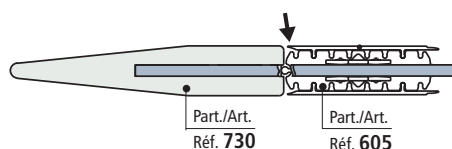
• Assembly of Part. 606

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

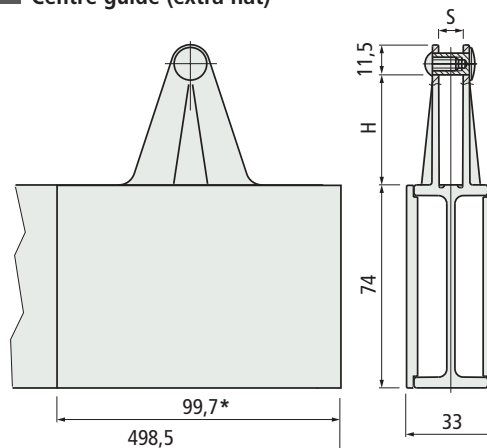


• Assembly of Part. 730 (see page S87).

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 :

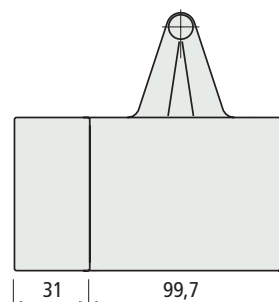


Part. 730
Divider module
see page S87.



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

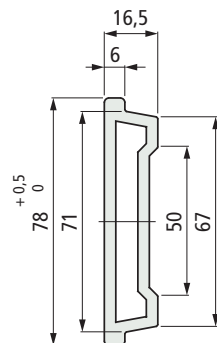
Part. 606



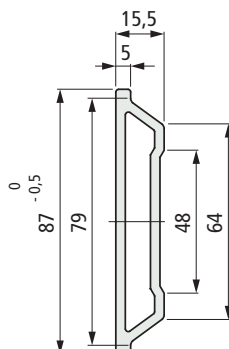
Part. 191-296

■ 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 : $2,5 \times 10^{-4}$.
- Calculation of thermal expansion see page S204.
- Packaging : 30 metres (in 3 m length).
- 60 metres (in 6 m length).

- Accessories :

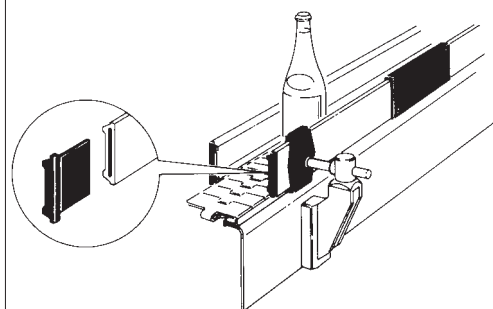


Guide rail clamps
Part. 191 (see page S120).
Part. 296 (see page S121).

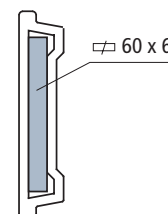


Bending machine
see page S101.

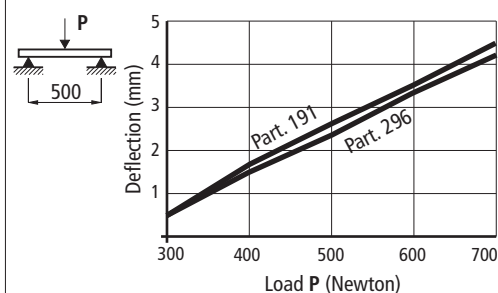
• Use of Part. 191-296



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



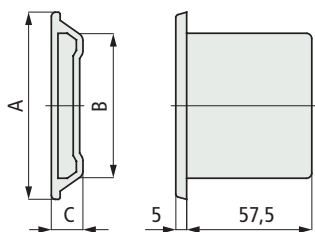
• Deflection of Part. 191 - 296



Accessories

Part. 376-377

■ End plug

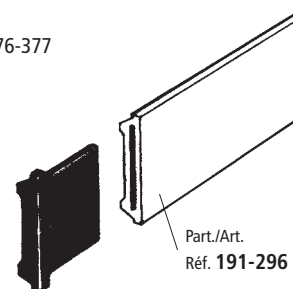


Part.	Use	A mm	B mm	C mm	Code
376	Applicable to Part. 191	77	65,3	15,5	63626
377	Applicable to Part. 296	86	63,8	14,5	63636

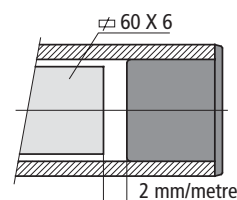
- Material : reinforced polypropylene PP FV (black).
- Packaging : 50 pieces.

• Assembly of Part. 376-377

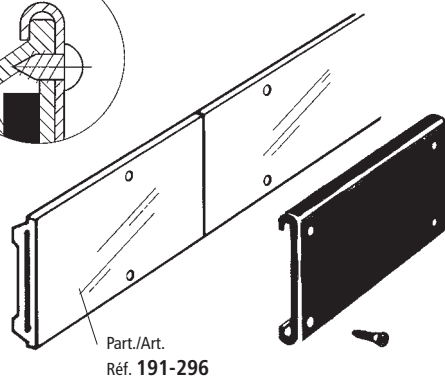
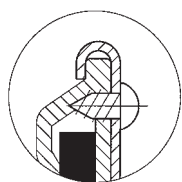
Press-fit.
Seal with silicon.



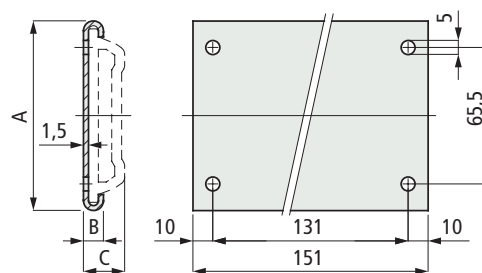
- Leave a gap between the plug and the plate to allow for contraction at low temperatures.



- 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.

Part. 378-379

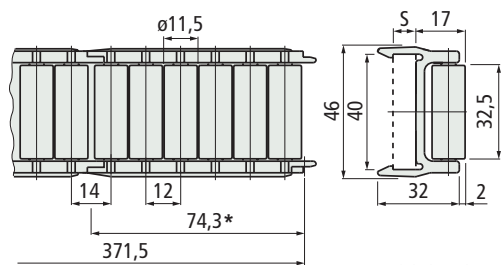


Part. 581-722



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 :



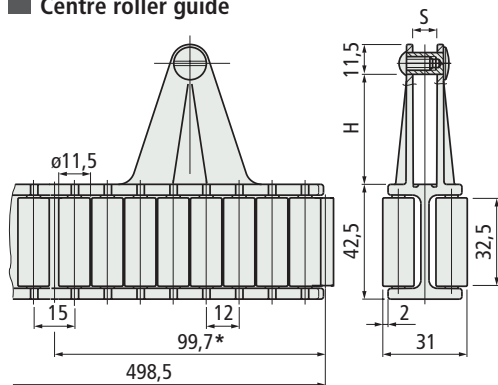
Part. 537 - Metal profile 40x8 see page S89.

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.

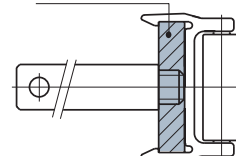
Use of Part. 581-722-585-724

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

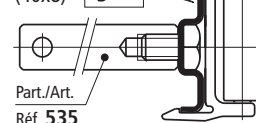
Fixing of Part. 581-722

Snap-on assembly / disassembly

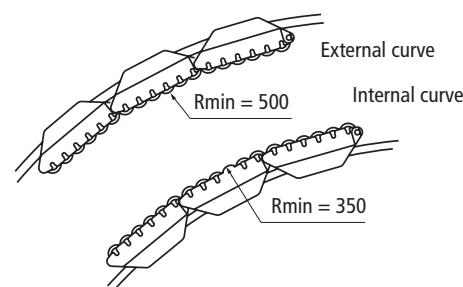
- Fixing with plate.

40 x 8
40 x 10


- Fixing with metal profile Part. 537.

Part./Art.
Réf. 537
(40x8)

Part./Art.
Réf. 535

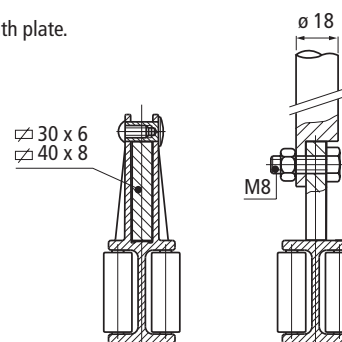
Min. curvature radius Part. 581-722



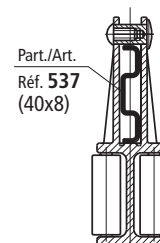
Fixing of Part. 585-724

Assembly / disassembly

- Fixing with plate.

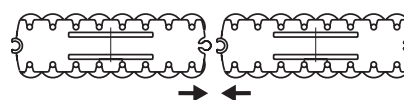


- Fixing with metal profile Part. 537.


Part./Art.
Réf. 537
(40x8)

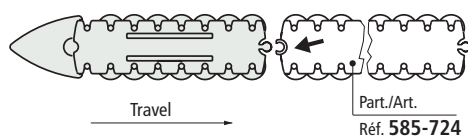
Modular system Part. 581-722-585-724

The guide consists of modules with snap-on assembly.

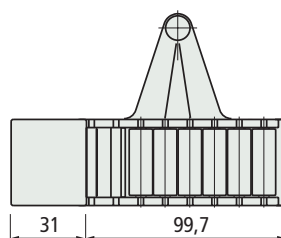


• Assembly of Part. 586-761

Guide position (Part. 585-724) to allow assembly with divider module.



■ Divider module



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

* = New product.

- Characteristic new material **Polyurethan (blue)**:
low noise, 85 Shore A hardness.

- Material : frame in acetal POM (black). Separation block in polyethylene PE (black).

- Packaging : 2 pieces.

Part. **586-761**

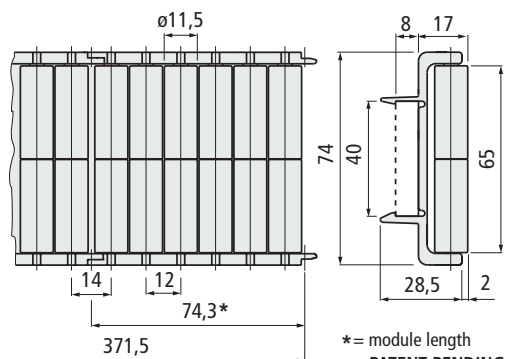


Part. 581-722



Sideflexing

Roller side guide



* = 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 :



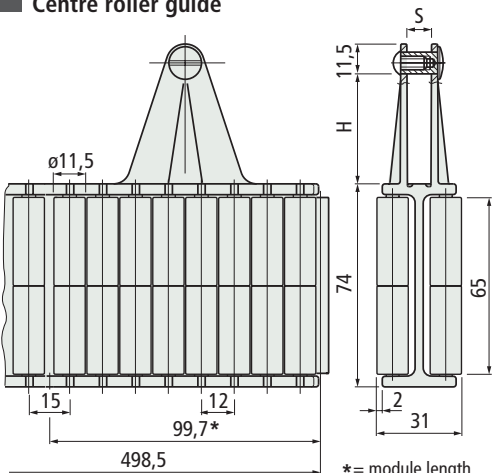
Part. 537 - Metal profile 40x8 see page S89

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.

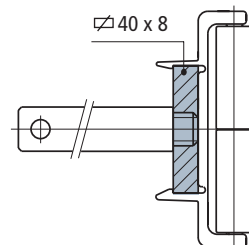
Use of Part. 581-722-585-724

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

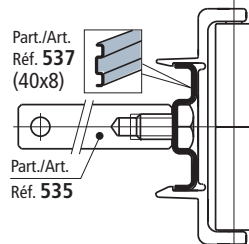
Fixing of Part. 581-722

Snap-on assembly / disassembly

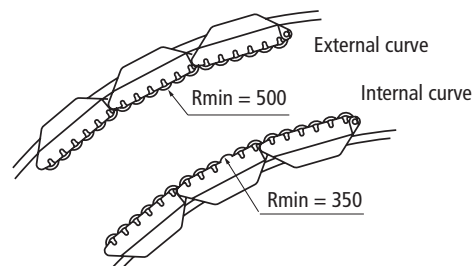
- Fixing with plate.



- Fixing with metal profile Part. 537.



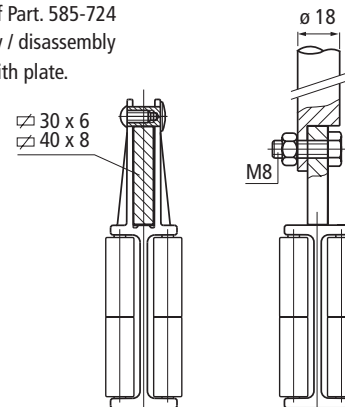
Min. curvature radius Part. 581-722



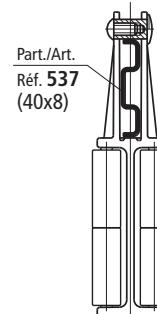
Fixing of Part. 585-724

Assembly / disassembly

- Fixing with plate.

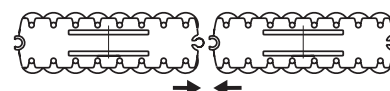


- Fixing with metal profile Part. 537.



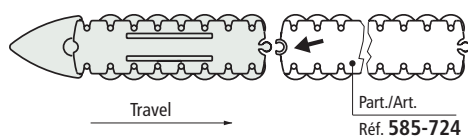
Modular system Part. 581-722-585-724

The guide consists of modules with snap-on assembly.

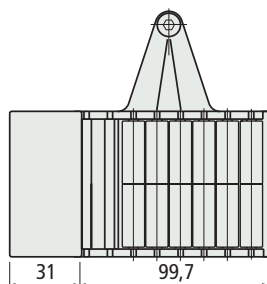


• Assembly of Part. 586-761

Guide position (Part. 585-724) to allow assembly with divider module.



■ Divider module



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

* = New product.

- Characteristic new material **Polyurethan (blue)**:
low noise, 85 Shore A hardness.

- Material : frame in acetal POM (black). Separation block in polyethylene PE (black).

- Packaging : 2 pieces.

Part. 586-761

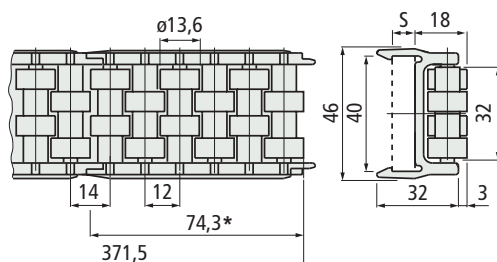


Part. 580



Sideflexing

Roller side guide



*= module length

PATENT PENDING

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

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



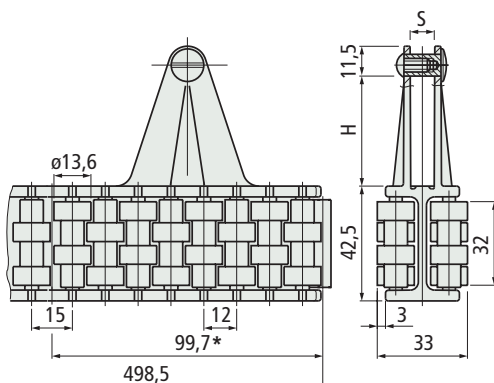
Part. 537 - Metal profile 40x8 see page S89.

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.

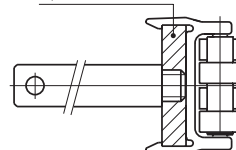


Part. 537 - Metal profile 40x8 see page S89.

Fixing of Part. 580

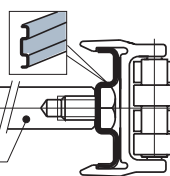
Snap-on assembly / disassembly

- Fixing with plate.

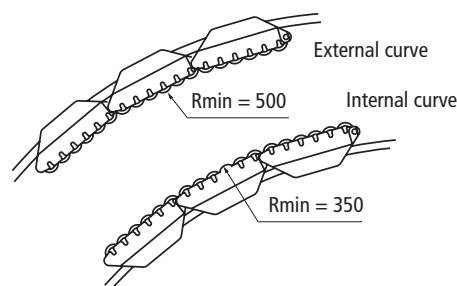
40 x 8
40 x 10


- Fixing with metal profile Part. 537.

Part./Art.
Réf. 537
(40x8)

Part./Art.
Réf. 535


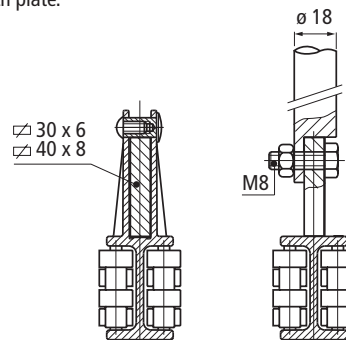
Min. curvature radius Part. 580



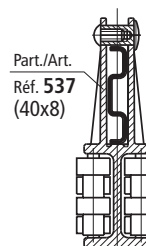
Fixing of Part. 557

Assembly / disassembly

- Fixing with plate.

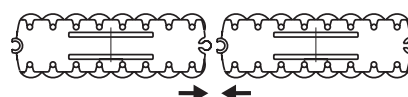


- Fixing with metal profile Part. 537.



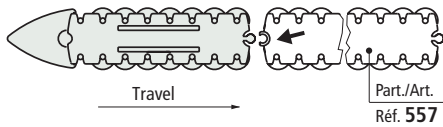
Modular system Part. 580-557

The guide consists of modules with snap-on assembly.

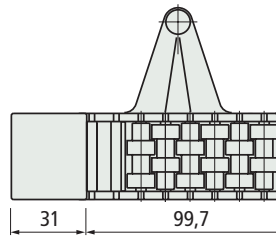


• Assembly of Part. 570

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



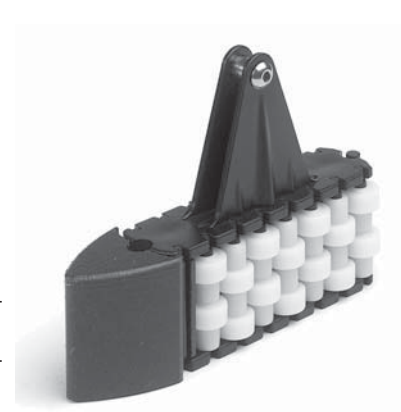
■ Divider module



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

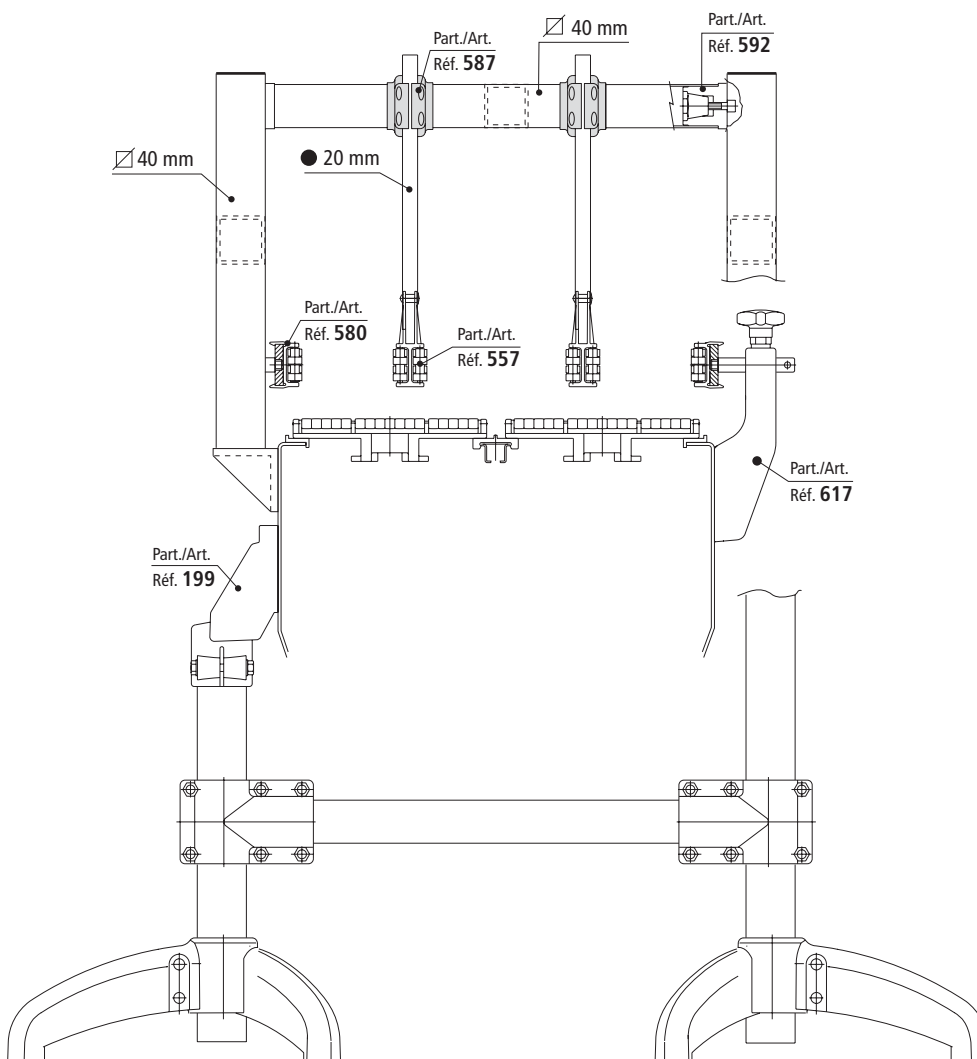
- Material : frame in acetal POM (black). Rollers in polyamide PA (white). Separation block in polyethylene PE (black).
- Packaging : 2 pieces.

Part. 570



• Use of Part. 580-557

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

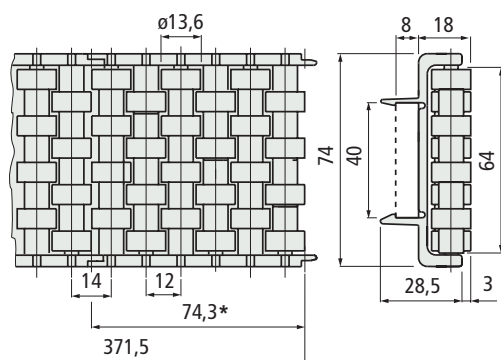


Part. 580



Sideflexing

Roller side guide



*= module length

PATENT PENDING

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

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



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

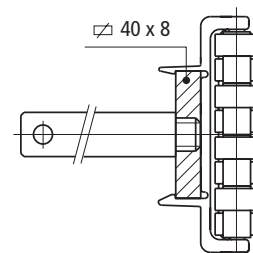
Use of Part. 580-557

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

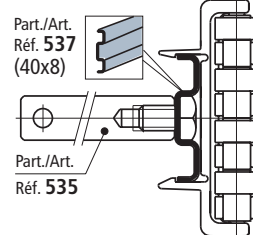
Fixing of Part. 580

Snap-on assembly / disassembly

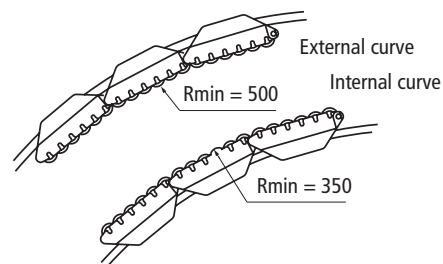
- Fixing with plate.



- Fixing with metal profile Part. 537.



Min. curvature radius Part. 580

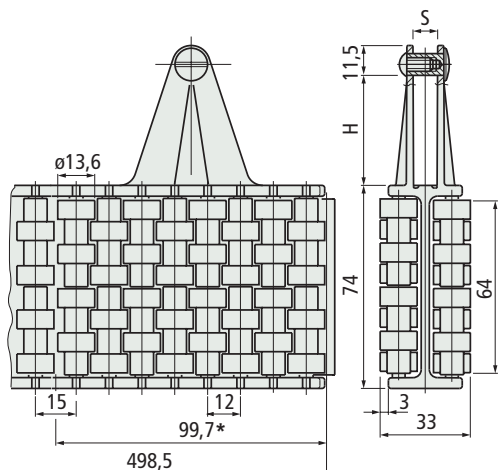


Part. 557



Sideflexing

Centre roller guide

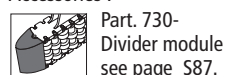


*= module length

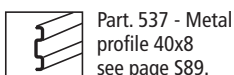
PATENT PENDING

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

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



Part. 730 - Divider module see page S87.

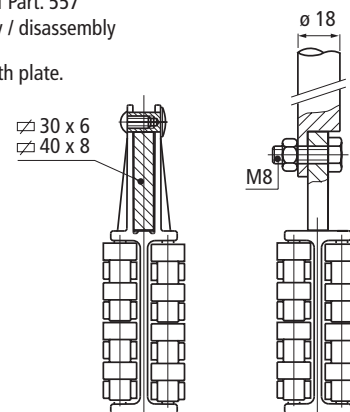


Part. 537 - Metal profile 40x8 see page S89.

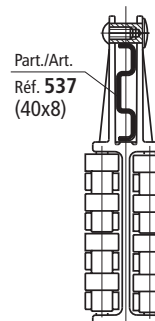
Fixing of Part. 557

Assembly / disassembly

- Fixing with plate.

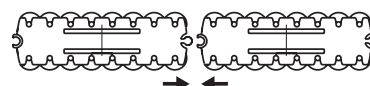


- Fixing with metal profile Part. 537.

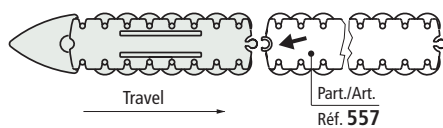


Modular system Part. 580-557

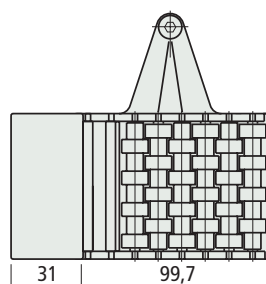
The guide consists of modules with snap-on assembly.



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



■ Divider module



Part.	Version	Code	Weight kg
570	For 30x6 plate	603532	0,24
	For 40x8 plate	603542	

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

Part. 570

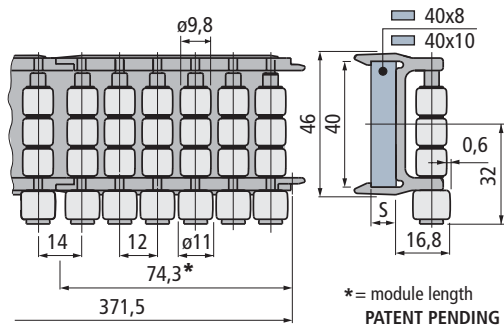


Part. 733



*New
Product*

■ **Roller side guide**



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

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



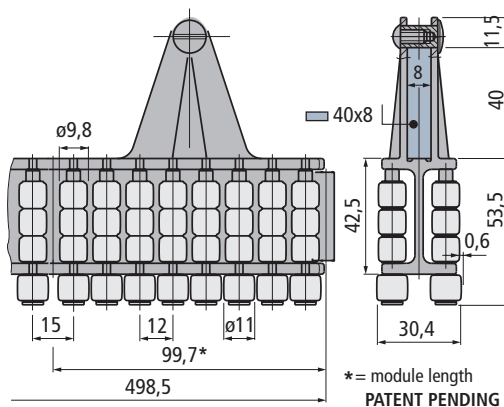
Part. 537 - Metal
profile 40x8
see page S89.

Part. 721



*New
Product*

■ Centre roller guide



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

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



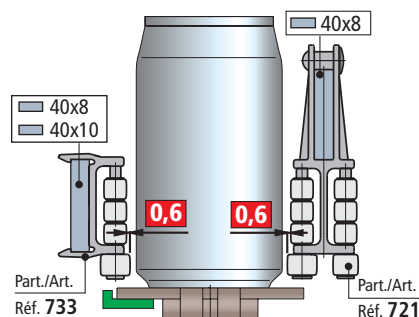
Part. 730-
Divider module
see page S87.



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

- **Use of Part. 733-721**

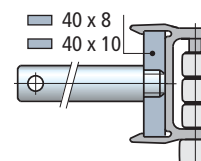
Ideal for thin walled cans and delicate containers.
The contact between can and rollers takes place
near the can bottom where it is stronger.



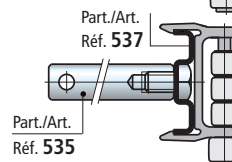
- **Fixing** of Part. 733

Snap-on assembly / disassembly

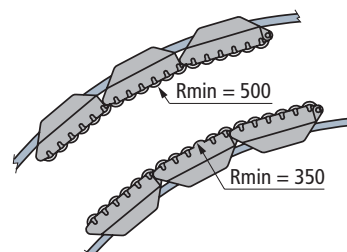
- Fixing with plate.



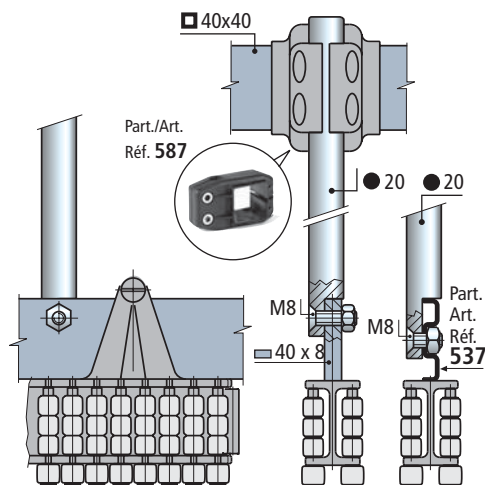
- Fixing with metal profile Part. 537.



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

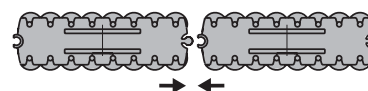


- **Fixing** of Part. 721



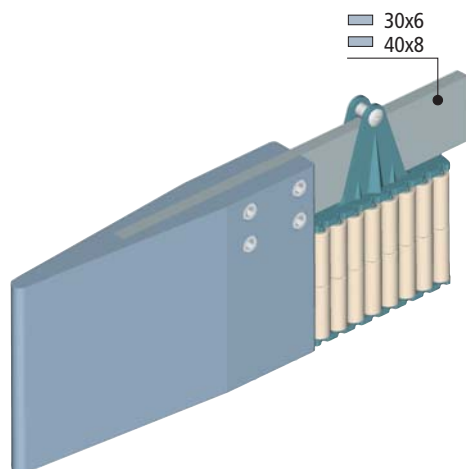
- **Modular system** Part. 733-721

The guide consists of modules with snap-on assembly.



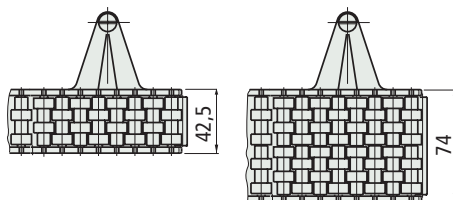
• Use of Part. 730

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

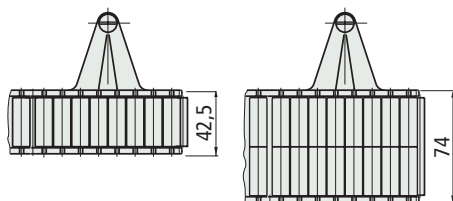


• Types of guides that can be used

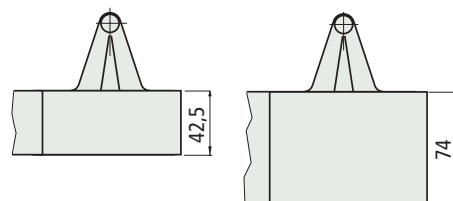
Part. 557



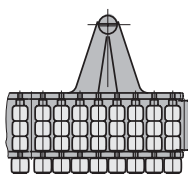
Part. 585-724



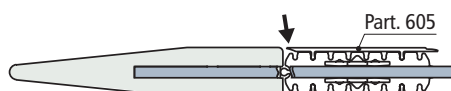
Part. 605



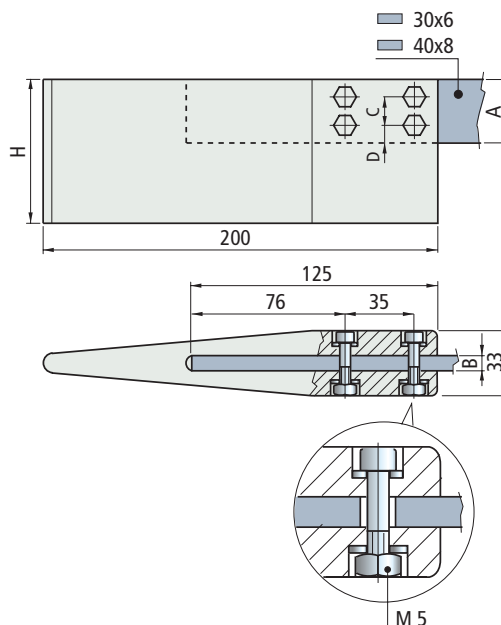
Part. 721



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



■ Divider module



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

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

Part. 730



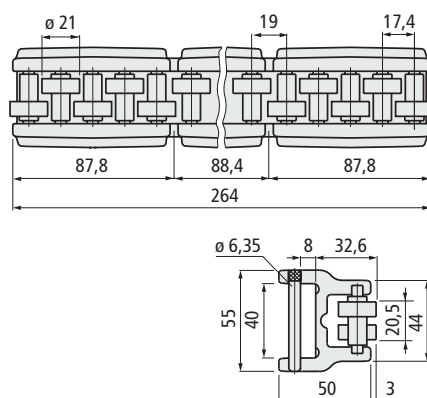
*New
Product*

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 :



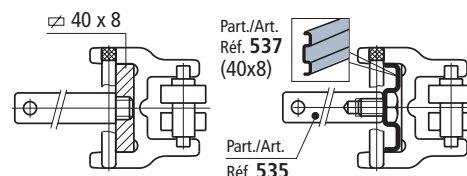
Part. 537 - Metal profile 40x8 see page S89.

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

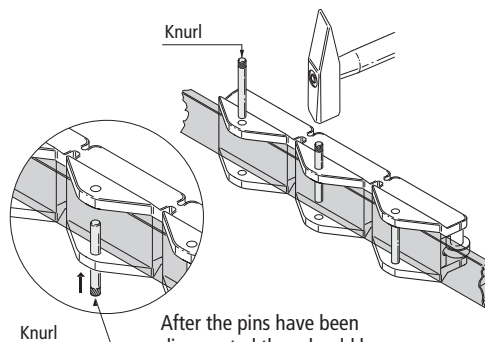
- Fixing of Part. 628 S
Assembly / disassembly

- Fixing with plate.

- Fixing with metal profile Part. 537.

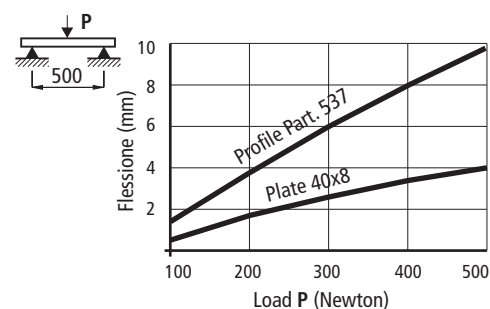


- Assembly of Part. 628 S



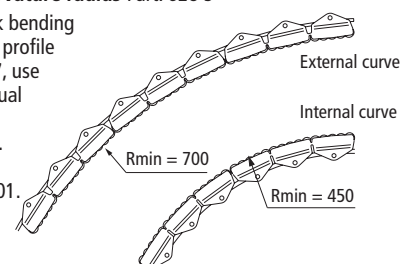
After the pins have been dismantled they should be inserted in the opposite direction to ensure proper fit in the module holes.

- Deflection of Part. 628 S



- Min. curvature radius Part. 628 S

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

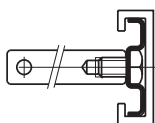


* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• Types of guides

using our 40x8 metal profile.

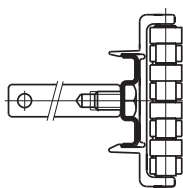
Part. 539



Part. 605



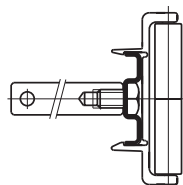
Part. 580



Part. 557



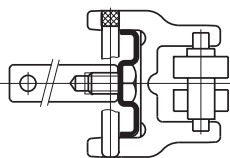
Part. 581-722



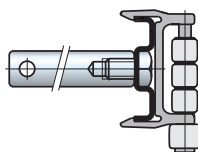
Part. 585-724 - 597



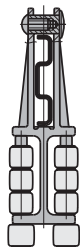
Part. 628 S



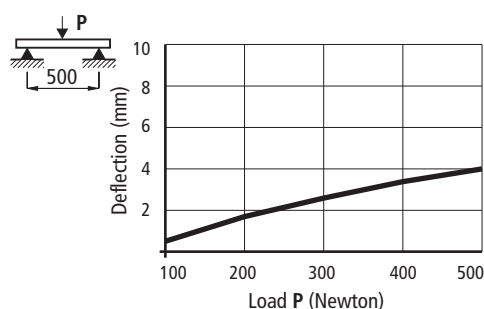
Part. 733



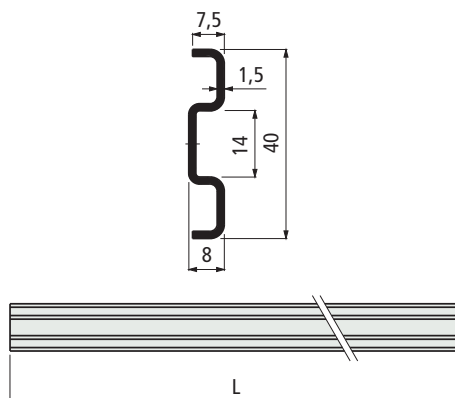
Part. 721



• Deflection of Part. 537



■ Metal profile 40x8



Part.	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 :

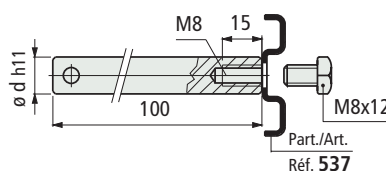


Guide rail bending machine (manual)
see page S101.

Part. 537



■ Bolts set



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

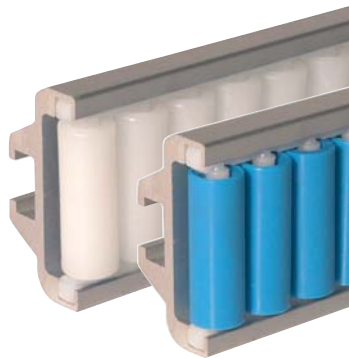
- Material : stainless steel AISI 303.
- State of supply : complete with screw M8 x 12.
- Packaging : 24 pieces.

Part. 535



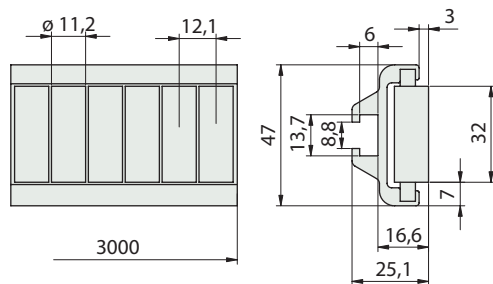
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 757



New Product

Roller side guides

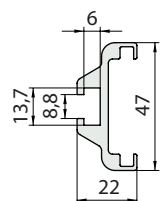


Part.	Rollers material	Code	Weight kg/m
757	Polyurethan (blue) 85 Shore A	607763	1,25
	Polyethylene PE (white)	607773	1,20

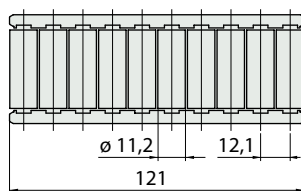
- Material metal profile : anodized aluminium
- Min. curvature radius : 250 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



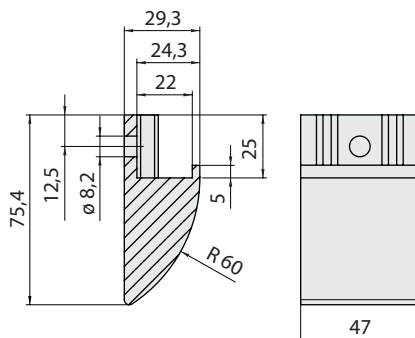
Roller module



Length mm	Code	Roller material	Code
3000	607933	Polyurethan (blue)	689982
6000	607943	Polyethylene PE (white)	689972

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

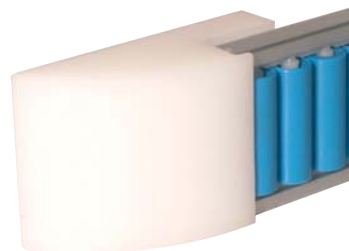
Separation block



Part.	Code	Weight kg
760	608103	0,058

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

Part. 760



New Product

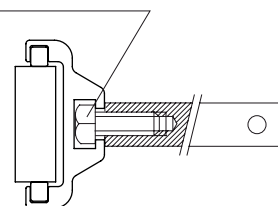
Characteristics Part. 757

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

Assembly Part. 757

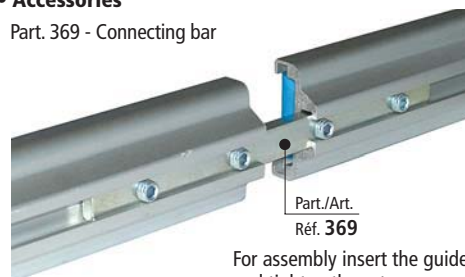
- For the correct moduls assembly see page S210 - S211.

M8 hex head bolt



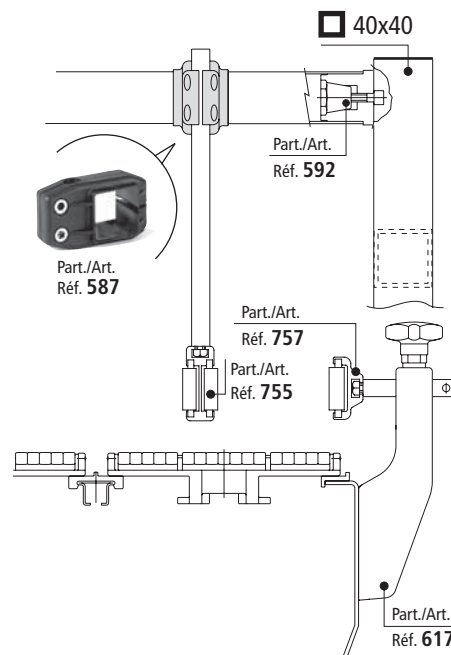
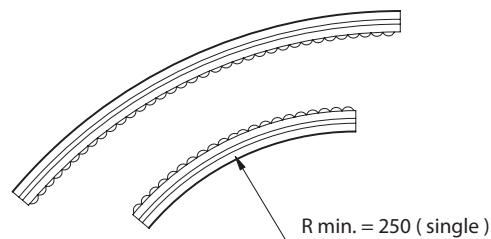
Accessories

Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

Min. curvature radius Part. 757

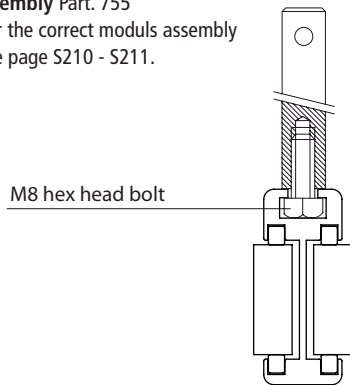


• Characteristics Part. 755

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

• Assembly Part. 755

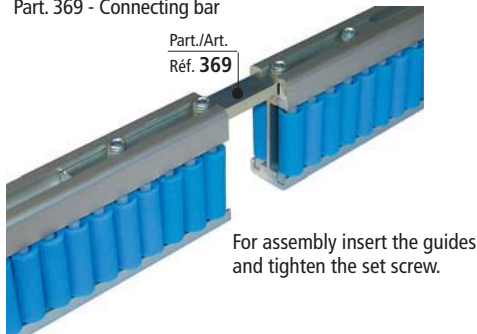
- For the correct moduls assembly see page S210 - S211.



M8 hex head bolt

• Accessories

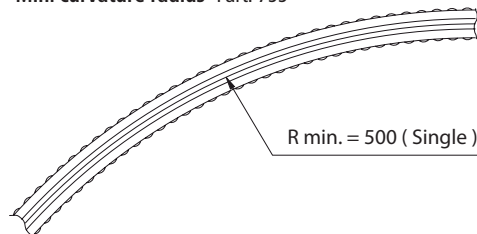
Part. 369 - Connecting bar



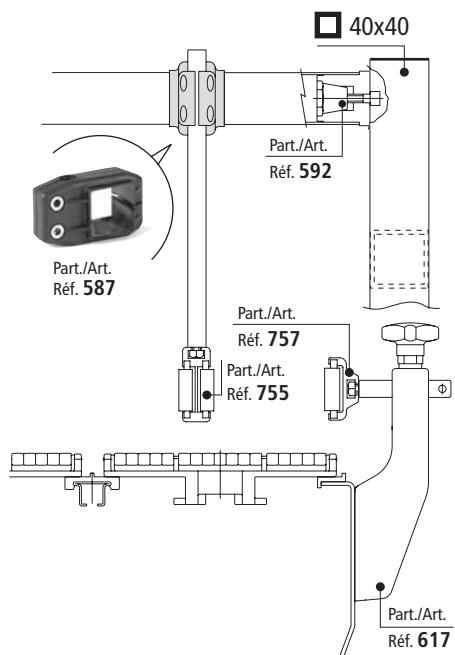
Part./Art.
Réf. 369

For assembly insert the guides and tighten the set screw.

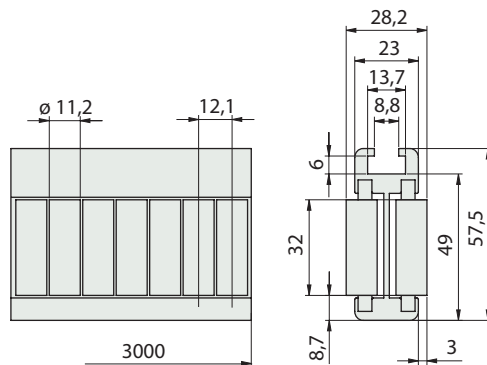
• Min. curvature radius Part. 755



R min. = 500 (Single)



■ Roller centre guides

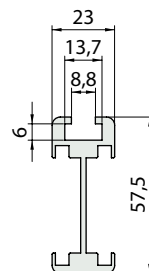


Part.	Rollers material	Code	Weight kg/m
755	Polyurethan (blue) 85 Shore A	607683	1,85
	Polyethylene PE (white)	607693	1,75

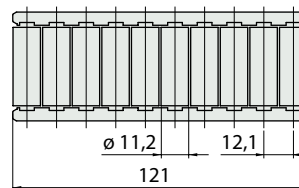
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



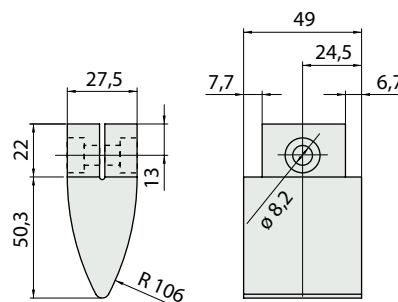
Roller module



Length mm	Code	Roller material	Code
3000	607893	Polyurethan (blue)	689982
6000	607903	Polyethylene PE (white)	689972

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

■ Separation block



Part.	Code	Weight kg
759	608083	0,063

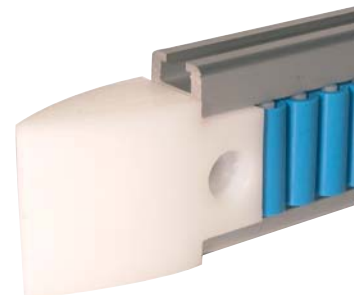
- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

Part. 755



New Product

Part. 759



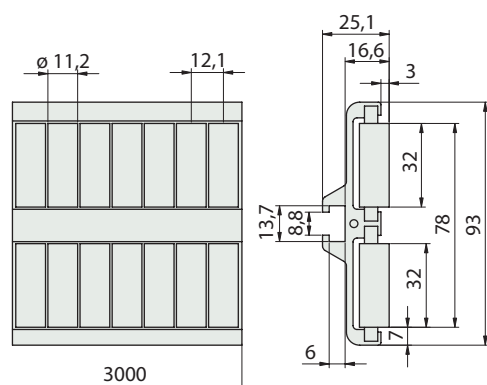
New Product

Part. 757



New
Product

■ Roller side guides

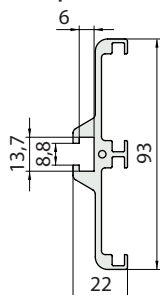


Part.	Rollers material	Code	Weight kg/m
757	Polyurethan (blue) 85 Shore A	607783	2,15
	Polyethylene PE (white)	607793	2,00

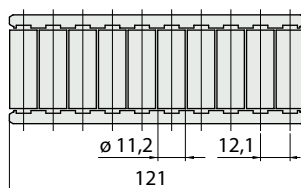
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Roller module



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

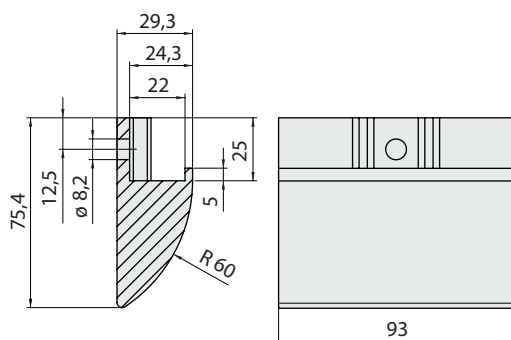
- Material : aluminium anodized.
- Weight : 0,85 Kg/m.
- Packaging : n1 strand.

Part. 760



New
Product

■ Separation block



Part.	Code	Weight kg
760	608113	0,120

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

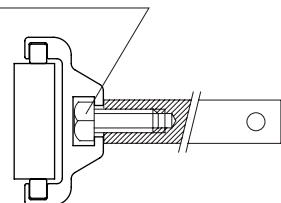
• Characteristics Part. 757

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

• Assembly Part. 757

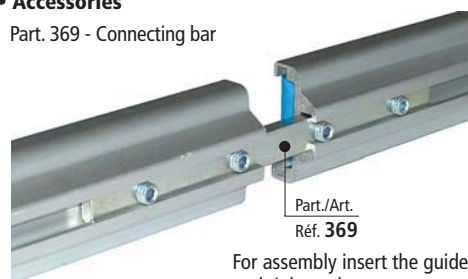
- For the correct moduls assembly see page S210 - S211.

M8 hex head bolt



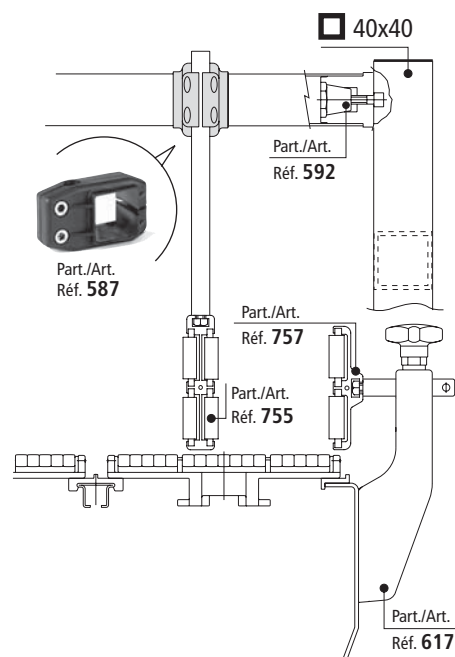
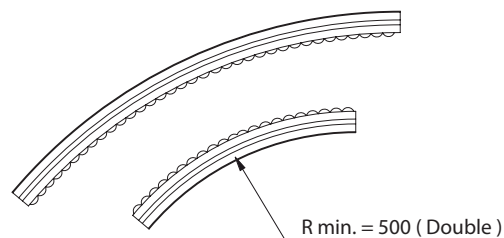
• Accessories

Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

• Min. curvature radius Part. 757

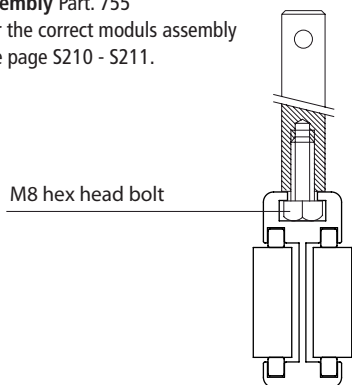


• Characteristics Part. 755

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

• Assembly Part. 755

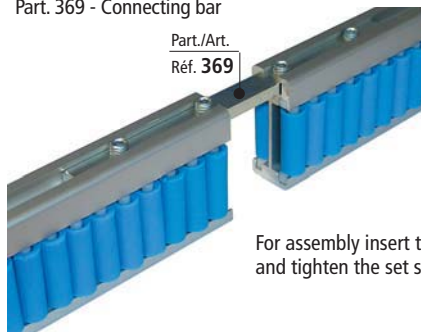
- For the correct moduls assembly see page S210 - S211.



M8 hex head bolt

• Accessories

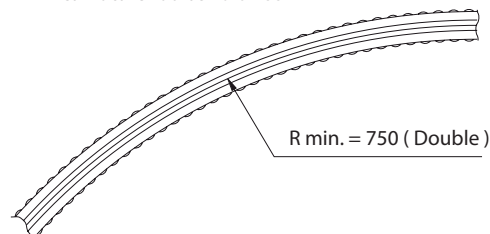
Part. 369 - Connecting bar



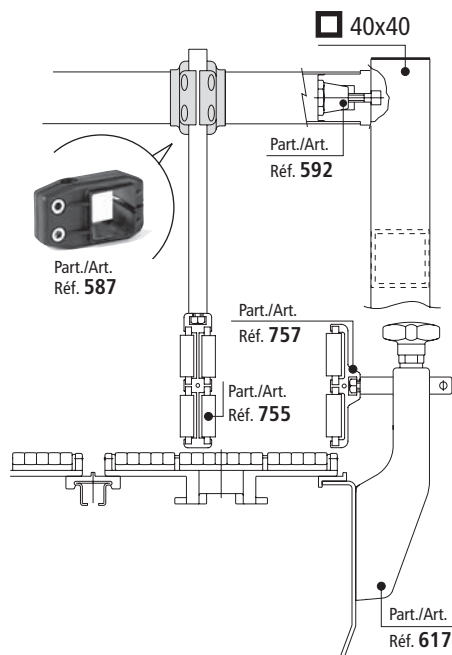
Part./Art.
Réf. 369

For assembly insert the guides and tighten the set screw.

• Min. curvature radius Part. 755



R min. = 750 (Double)



40x40

Part./Art.
Réf. 592

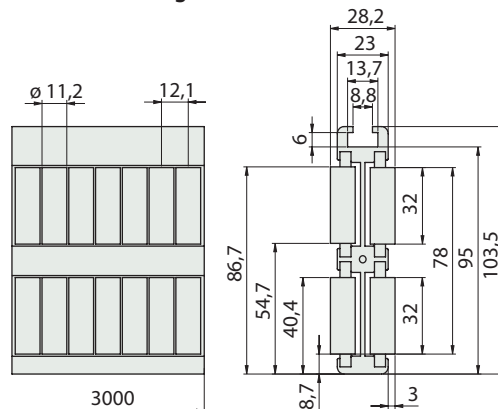
Part./Art.
Réf. 587

Part./Art.
Réf. 757

Part./Art.
Réf. 755

Part./Art.
Réf. 617

■ Roller centre guides

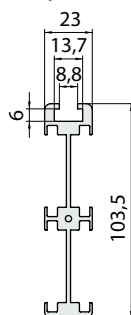


Part.	Rollers material	Code	Weight kg/m
755	Polyurethan (blue) 85 Shore A	607703	3,22
	Polyethylene PE (white)	607713	3,00

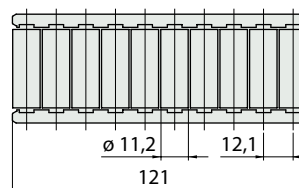
- Material metal profile : anodized aluminium
- Min. curvature radius : 750 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



Roller module

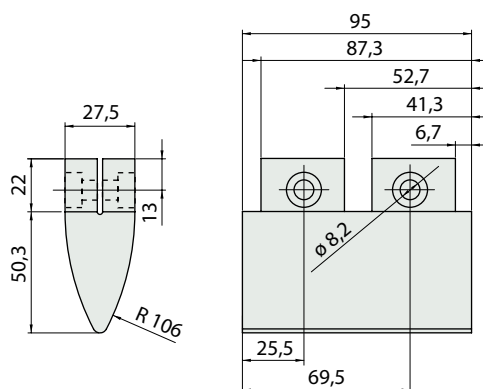


Length mm	Code
3000	607913
6000	607923

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

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

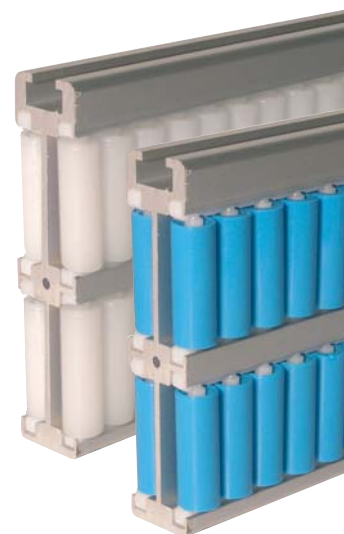
■ Separation block



Part.	Code	Weight kg
759	608093	0,124

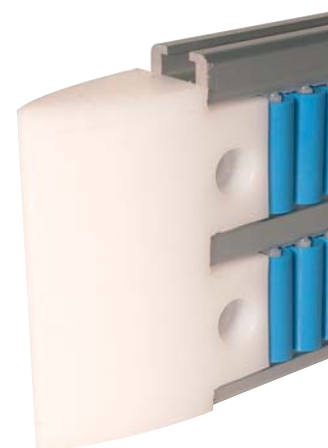
- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

Part. 755



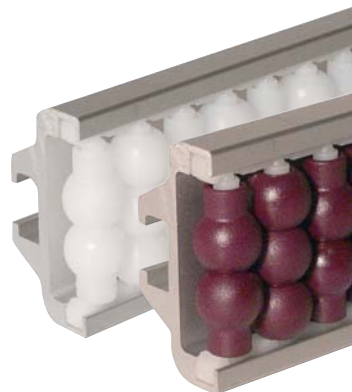
New Product

Part. 759



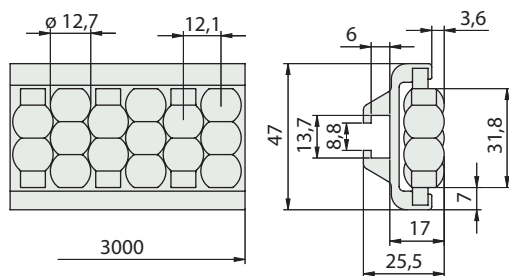
New Product

Part. 756



New
Product

■ Pearl™ roller side guide

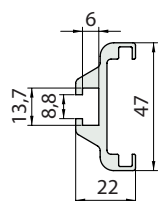


Part.	Rollers materiale	Code	Weight kg/m
756	UNL™ (Aubergine)	607723	1,20
	PE (Polyethylene white)	607733	1,15

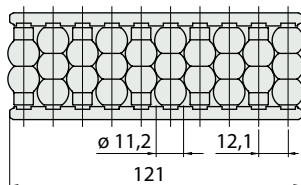
- Material metal profile : anodized aluminium
- Min. curvature radius : 250 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



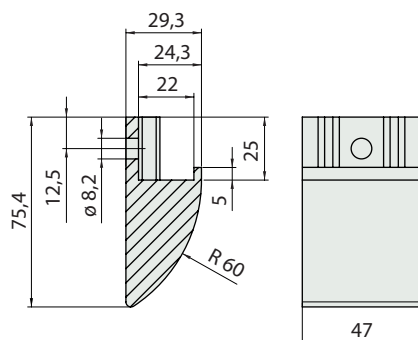
Pearls™ module



Length mm	Code	Rollers material	Code
3000	607933	UNL™ (Aubergine)	607853
6000	607943	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

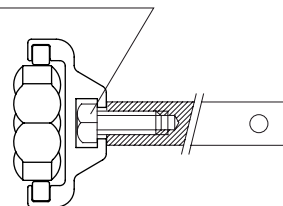
• Characteristics Part. 756

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

• Assembly Part. 756

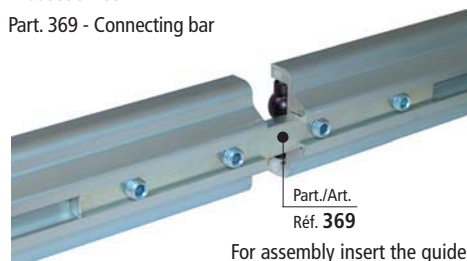
- For the correct modules assembly see page S210 - S211.

M8 hex head bolt



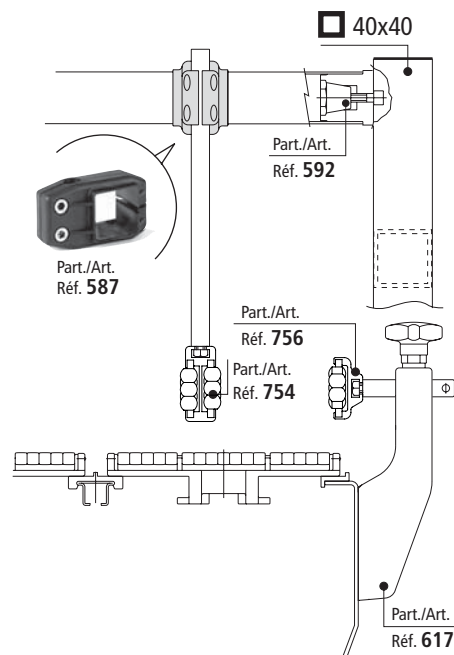
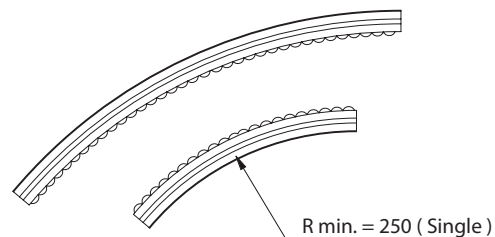
• Accessories

Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

• Min. curvature radius Part. 756

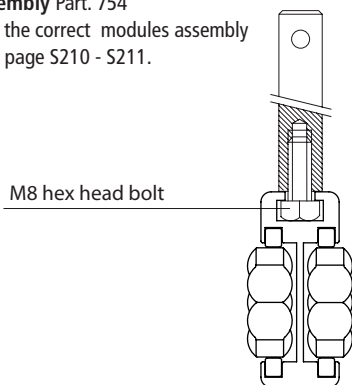


• Characteristics Part. 757

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

• Assembly Part. 754

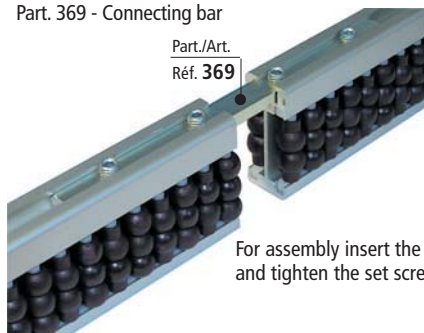
- For the correct modules assembly see page S210 - S211.



M8 hex head bolt

• Accessories

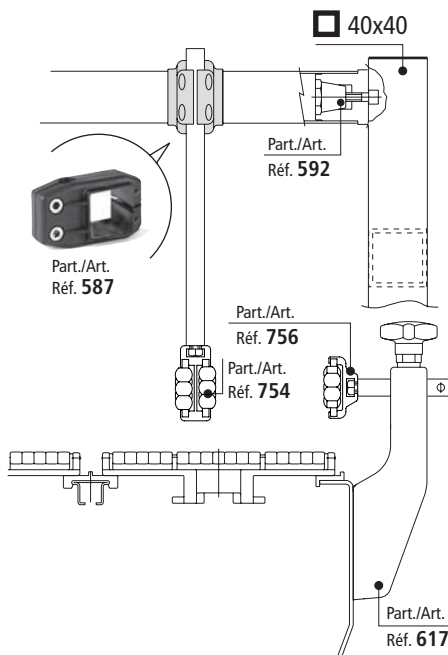
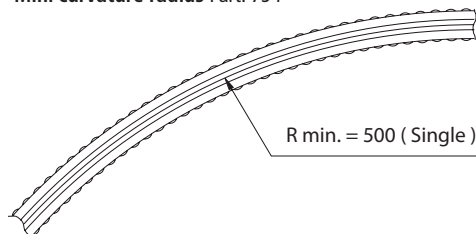
Part. 369 - Connecting bar



Part./Art.
Réf. 369

For assembly insert the guides and tighten the set screw.

• Min. curvature radius Part. 754



40x40

Part./Art.
Réf. 592

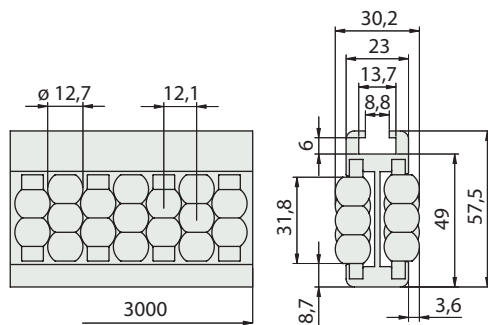
Part./Art.
Réf. 587

Part./Art.
Réf. 756

Part./Art.
Réf. 754

Part./Art.
Réf. 617

■ Pearls™ roller centre guide

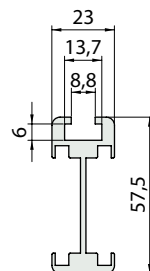


Part.	Rollers material	Code	Weight kg/m
754	UNL™ (Aubergine)	607643	1,80
	PE (Polyethylene white)	607653	1,70

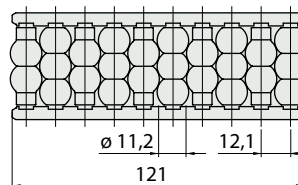
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



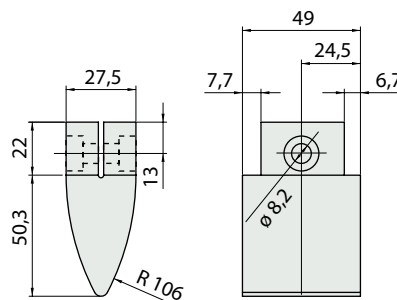
Pearls™ module



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

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

■ Separation block



Part.	Code	Weight kg
759	608083	0,063

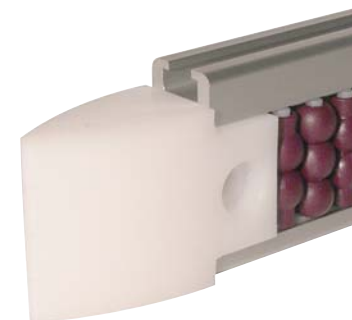
- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

Part. 754



New Product

Part. 759



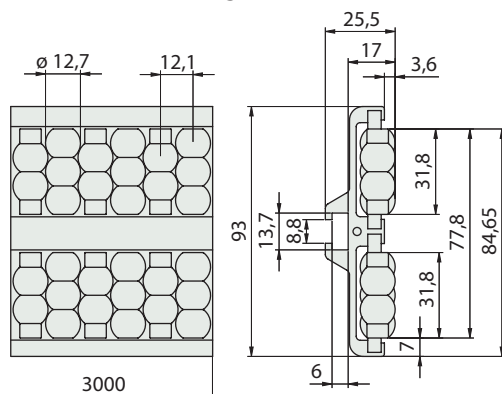
New Product

Part. 756



New
Product

Pearl™ roller side guide

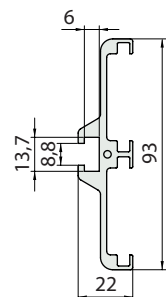


Part.	Rollers material	Code	Weight kg/m
756	UNL™ (Aubergine)	607743	2,06
	PE (Polyethylene white)	607753	1,95

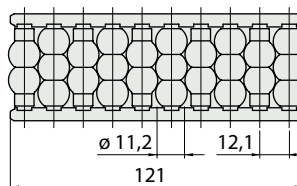
- Material metal profile : anodized aluminium
- Min. curvature radius : 500 mm.
- Standard packaging : strands 3 metres.
- Packaging : n 2 strands.

The roller side guides can be supplied with separated components.

Metal profile



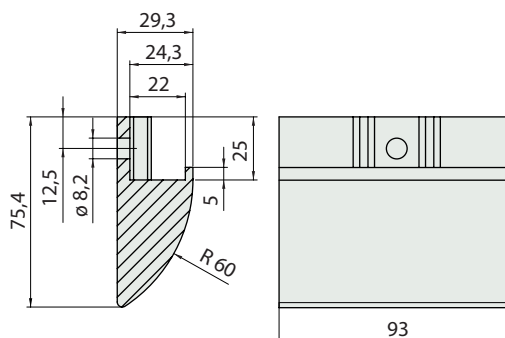
Pearls™ module



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

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

Separation block



Part.	Code	Weight kg
760	608113	0,120

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

Part. 760



New
Product

S96

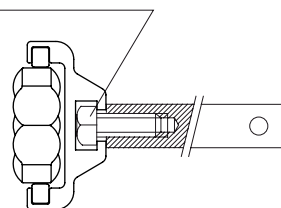
Characteristics Part. 756

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

Assembly Part. 756

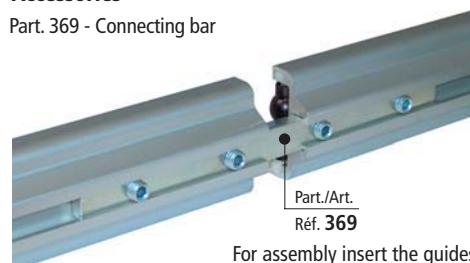
- For the correct modules assembly see page S210 - S211.

M8 hex head bolt



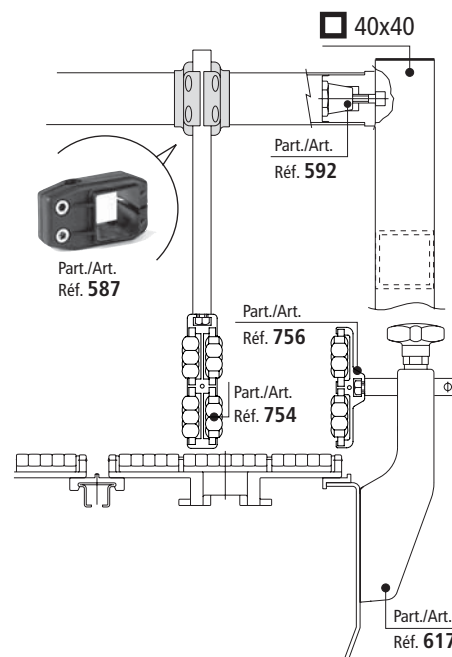
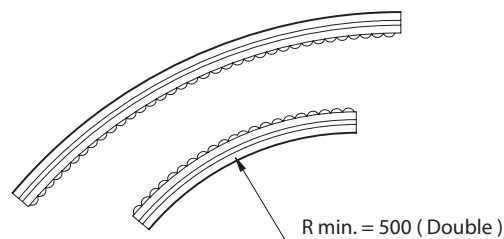
Accessories

Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

Min. curvature radius Part. 756

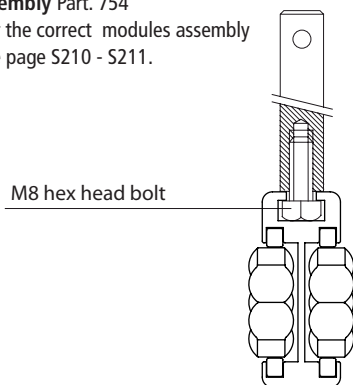


• Characteristics Part. 757

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

• Assembly Part. 754

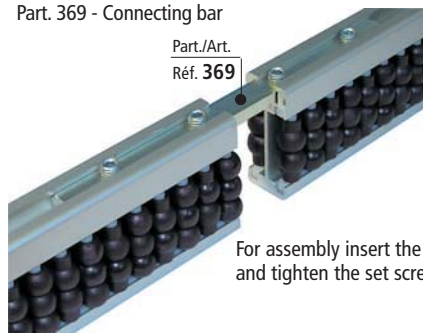
- For the correct modules assembly see page S210 - S211.



M8 hex head bolt

• Accessories

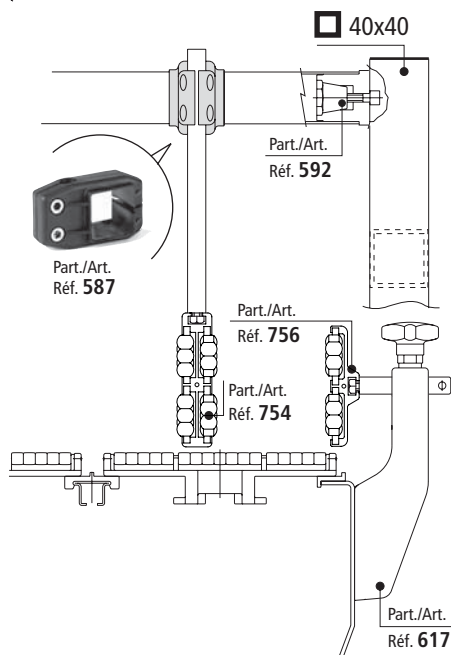
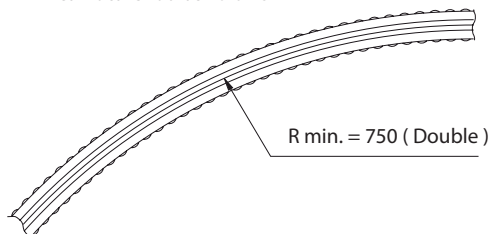
Part. 369 - Connecting bar



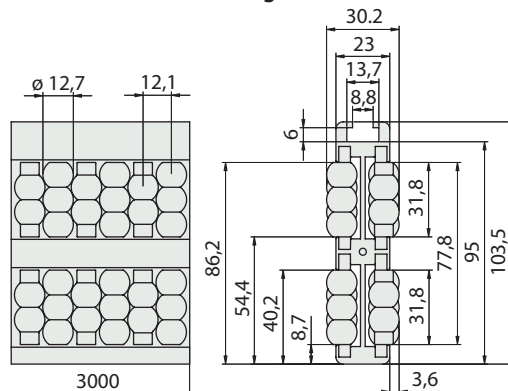
Part./Art.
Réf. 369

For assembly insert the guides and tighten the set screw.

• Min. curvature radius Part. 754



■ Pearls™ roller centre guide

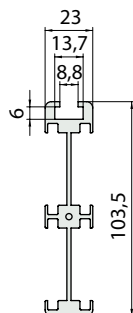


Part.	Rollers material	Code	Weight kg/m
754	UNL™ (Aubergine)	607663	3,12
	PE (Polyethylene white)	607673	2,90

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

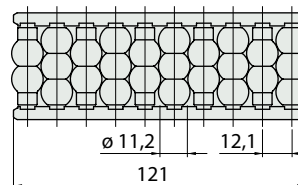
The roller side guides can be supplied with separated components.

Metal profile



Length mm	Code
3000	607913
6000	607923

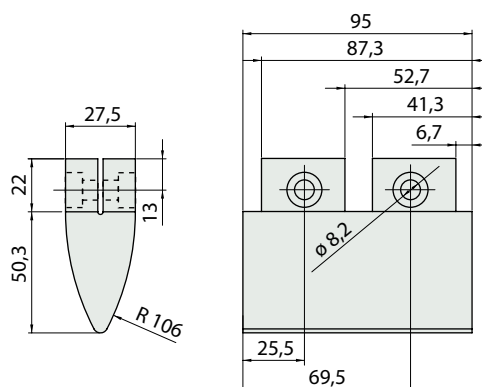
Pearls™ module



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

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

■ Separation block



Part.	Code	Weight kg
759	608093	0,124

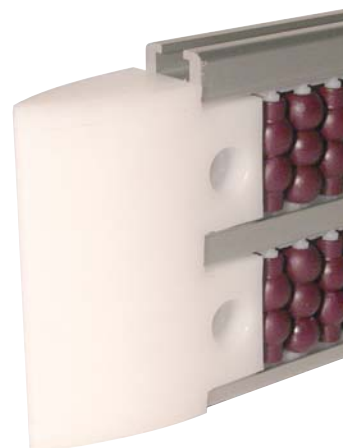
- Material : Polyethylene PE (white).
- Packaging : 2 pieces.

Part. 754



New Product

Part. 759



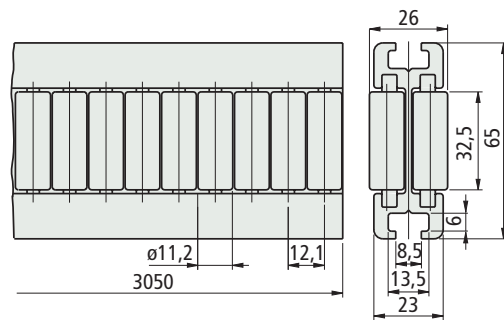
New Product

Part. 656-731



New
Product

Centre rollers guide

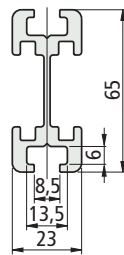


Part.	Rollers material	Code	Weight kg/m
656	Polyethylene PE (white)	656382	1,96
731	Polyurethan (blue) 85 Shore A	689962	

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

The roller side guides can be supplied with separated components.

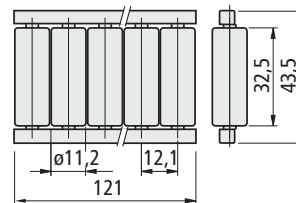
Metal profile



Length mm	Code
3050	689832
6100	689992

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

Rollers module



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

- Packaging : 10 pieces

Accessories

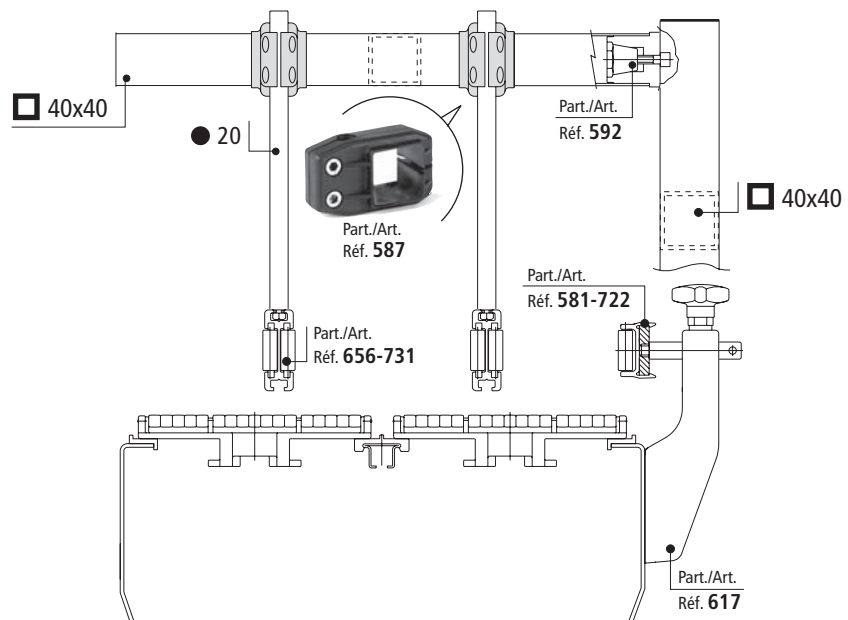
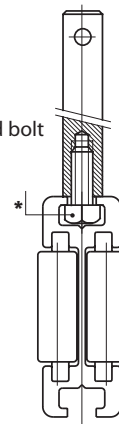
Part. 369 - Connecting bar



For assembly insert the guides and tighten the set screw.

Fixing

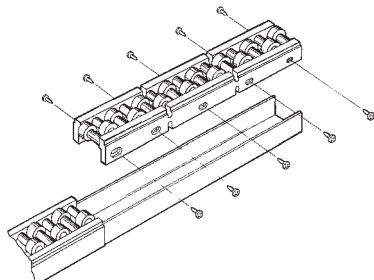
* = M8 hex head bolt



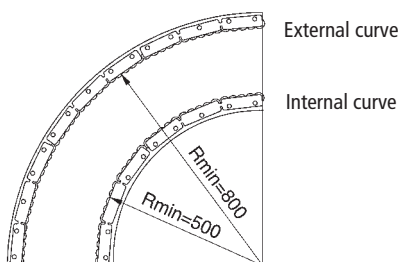
- **Use of Part. 128 S-128**
Rugged containers (ex. cases, cartons).

• Modular system

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

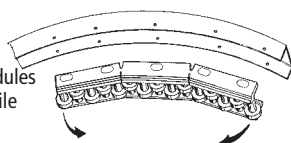


- **Min. curvature radius (only for Part. 128 S)**

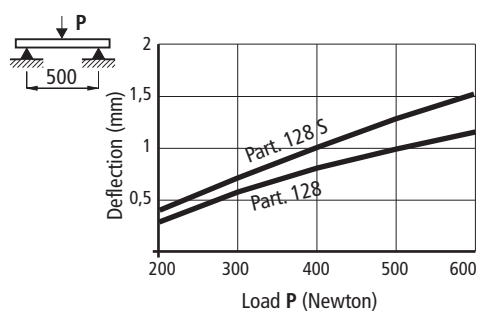


Curving procedure

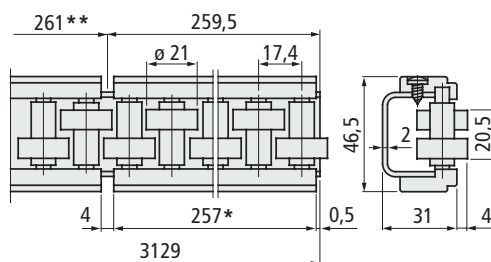
- Disassemble the modules
- Curve the metal profile using the manual bending machine.
- Reassemble the modules (the flexibility of the side straps make them easily adaptable to the curved profile).



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



■ Roller side guide



* = module length
** = pitch of modules

Part.	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.



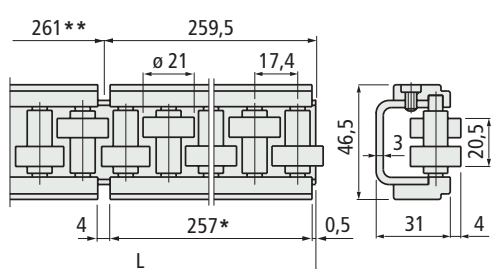
Guide rail bending machine (manual)
see page S101.

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
1041		Zinc plated steel	64531	
		Stainless steel AISI 304	62640	
128	2085	Zinc plated steel	64541	2,6
		Stainless steel AISI 304	62670	
3129		Zinc plated steel	64551	
		Stainless steel AISI 304	63350	

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



Guide rail clamps
see page S104.

Part. 128



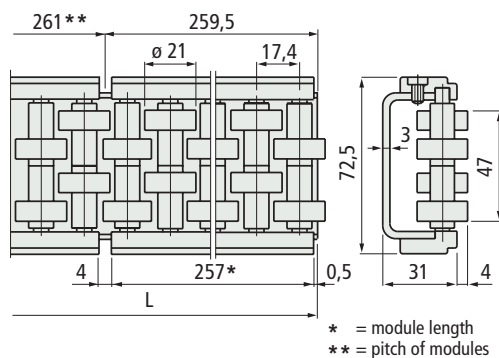
Straight run

Part. 128



Straight run

Roller side guide



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



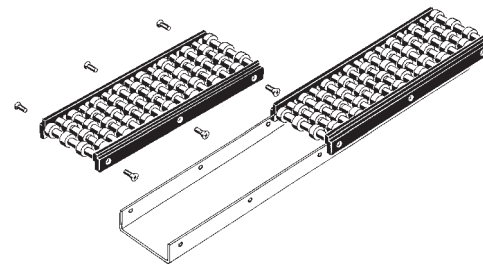
Guide rail
clamps
see page S122.

• Use of Part. 128

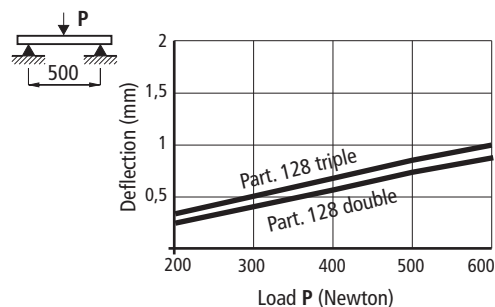
Rugged containers (ex. cases, cartons).

• Modular system Part. 128

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



• Deflection of Part.128

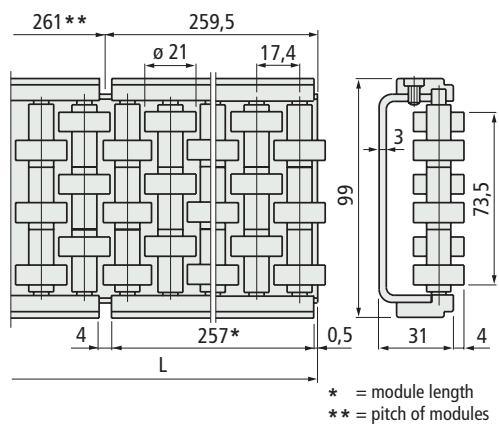


Part. 128



Straight run

Roller side guide



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

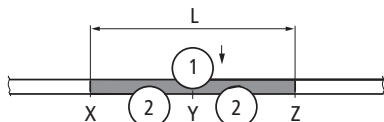
1- Calculate the length of the section to be bent L.

$$L = R \cdot K$$

R = bend radius.
K = bend coefficient.

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

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



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

Fig. A

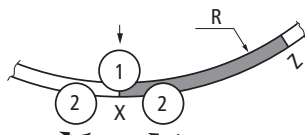
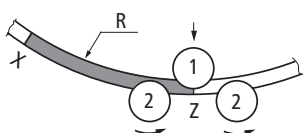
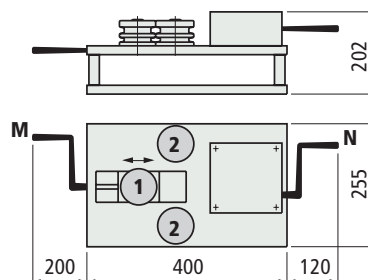


Fig. B



■ Guide rail bending machine (manual)

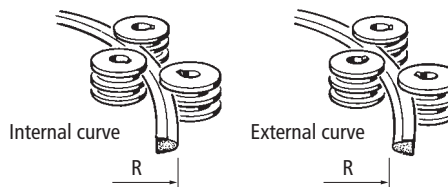


Part. 218

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.



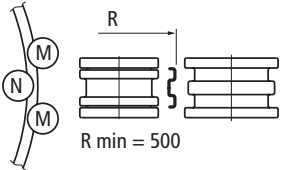
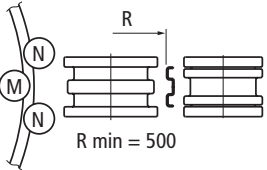
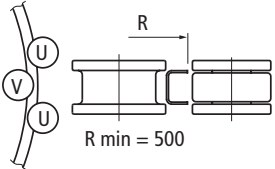
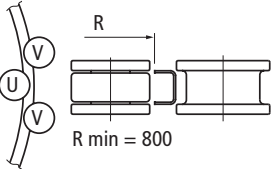
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

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 $R \min = 145$	 R $R \min = 145$	62791	4
	Part. 247 	 R $R \min = 145$	 R $R \min = 145$	62811*	4
	Part. 346 	 R $R \min = 110$	 R $R \min = 110$	64374*	4
	Part. 273 	 R $R \min = 160$	 R $R \min = 160$	69232*	3
	Part. 596 	 R $R \min = 160$	 R $R \min = 160$	621462*	3
	Part. 422 	 R $R \min = 280$	 R $R \min = 280$	68179*	4
	Steel rods dia. 8 to 14• mm 	 R $R \min = 145$	 R $R \min = 145$	62821*	3
	Part. 191 Part. 296  	 R $R \min = 200$	 R $R \min = 200$	62801*	3

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

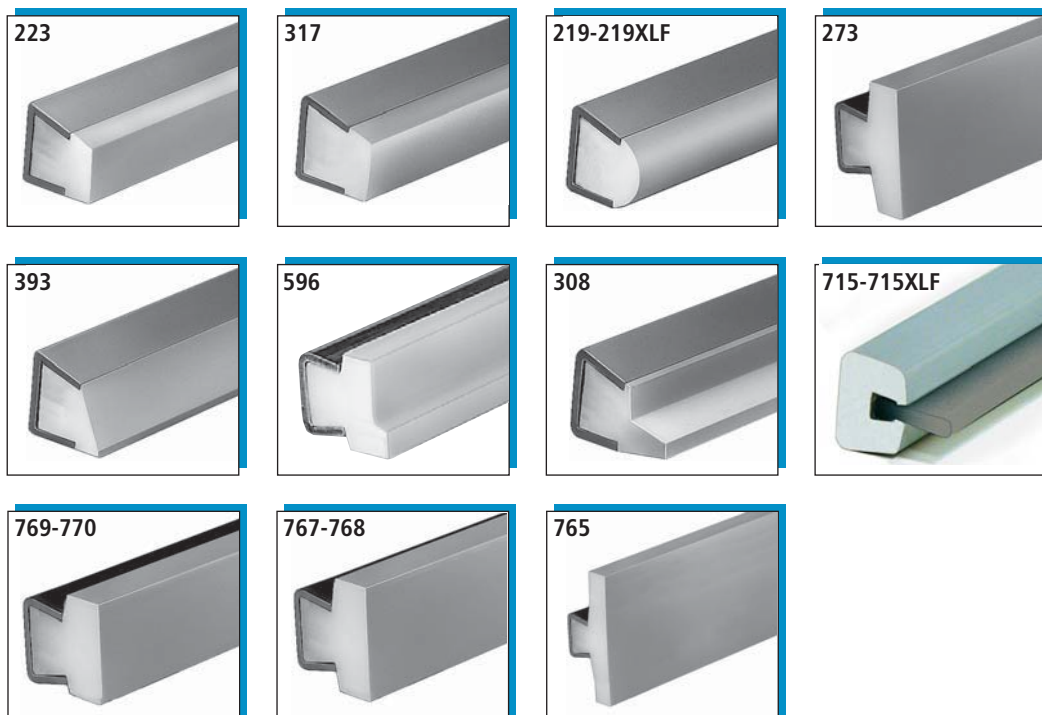
Part.	Types of guides to be bent	Inside bent rollers position	Inside bent rollers position	Code	No. of rollers
233	Part. 537 	 R R min = 500	 R R min = 500	689371*	4
	Part. 128 S 	 R R min = 500	 R R min = 800	64566*	4

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

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

Guide rail clamps for

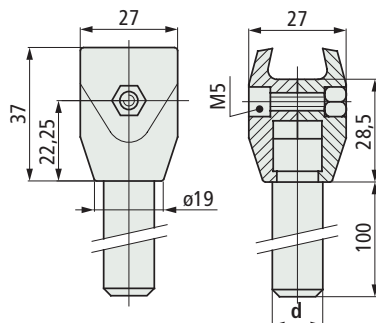
- Part. 223
- Part. 317
- Part. 219-219XLF
- Part. 273
- Part. 393
- Part. 596
- Part. 308
- Part. 715-715XLF
- Part. 765
- Part. 767
- Part. 768
- Part. 769
- Part. 770



Part. 210 P



■ Guide rail clamp



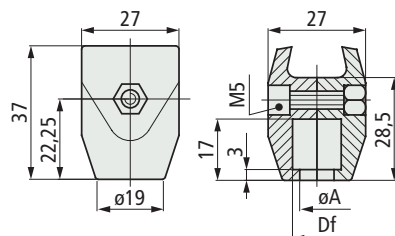
Part.	Pin dia. d mm	Code	Weight kg
210 P	12	P6203910	0,12
	14	P6185510	0,15

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

Part. 210



■ Guide rail clamp

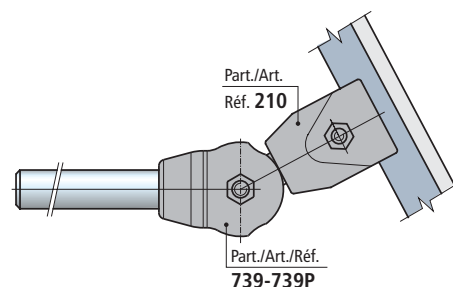


Part.	Use	Bore dia.		Code		Weight kg
		Df mm	dia. A mm	With Microban®	Without Microban®	
210	for pins dia. 12	12	10	652022	600372	0,02
	for pins dia. 14	13,5	11,5	—	59941	

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

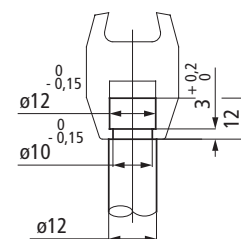
• Swivel pin connection Part. 739-739P

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

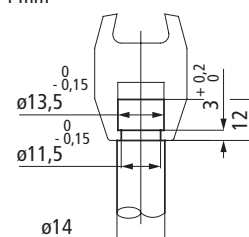


• Pin dimensions for Part. 210

Pin dia. 12 mm

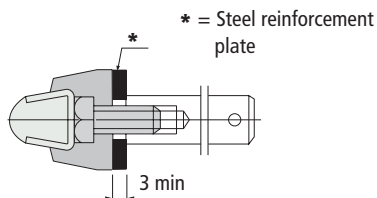
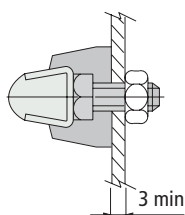


Pin dia. 14 mm

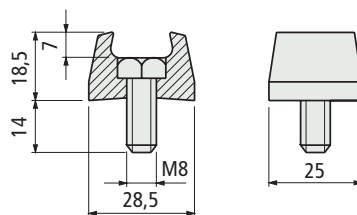


for Part. 223 - 317 - 219 - 219XLF - 273 - 393 - 596 - 308 - 715 - 715XLF - 765 - 767 - 768 - 769 - 770

• Assembly of part. 275



■ Guide rail clamp



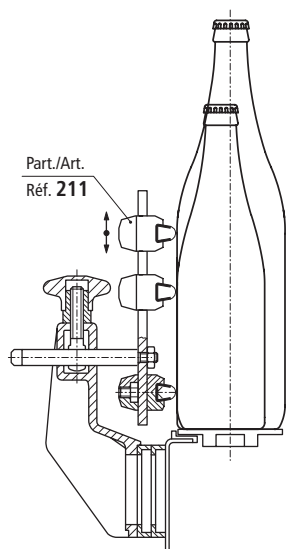
Part.	Code	Weight kg
275	66811	0,02

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

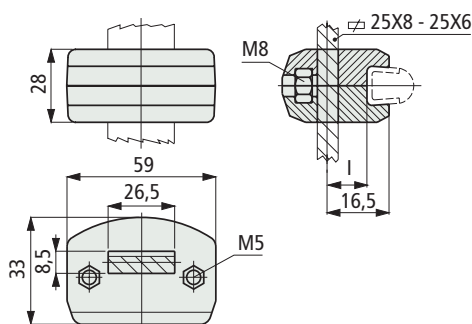
Part. 275



• Assembly of Part. 211 Unlimited height adjustment possible



■ Adjustable guide rail clamp



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

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

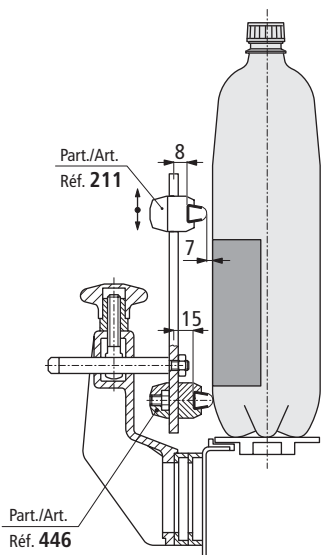
Part. 211



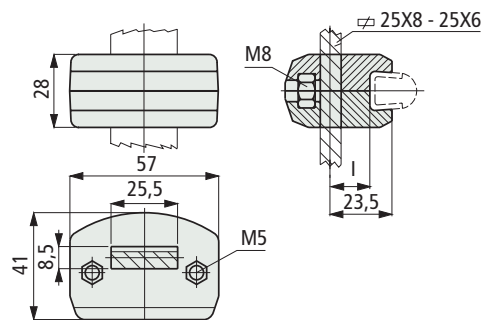
Distance I = 8 mm



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



■ Adjustable guide rail clamp



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

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

Part. 446



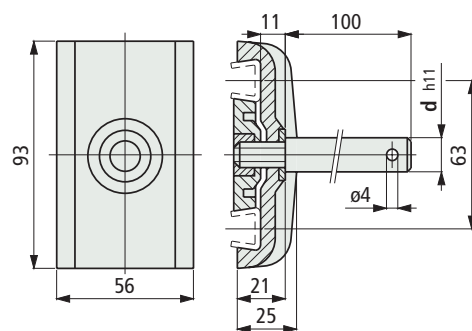
Distance I = 15 mm

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

Part. 213



Double guide rail clamp



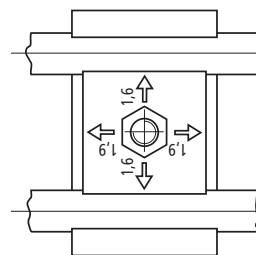
Part.	Pin dia. d mm	Code		Weight kg
		With Microban®	Without Microban®	
213	12	652042	60091	0,19
	14	—	60181	0,22
	16	—	60191	0,25

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

Assembly of Part. 213

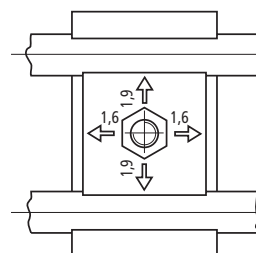
The plate inside the clamp must be positioned to suit the thickness of the guide.

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



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

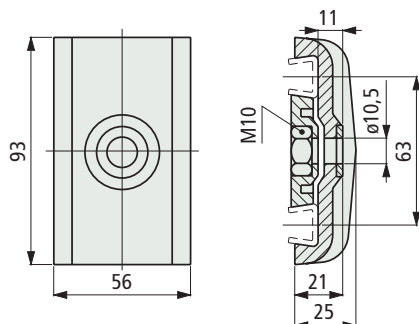
The plate is turned through 90°.



Part. 213



Double guide rail clamp



Part.	Code	Weight kg
213	60101	0,08

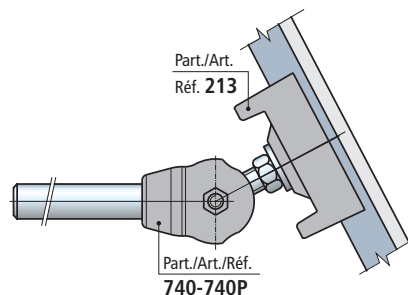
- Material : guide rail clamp in reinforced polyamide PA FV (black). Washer in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 50 pieces.
- Accessories : swivel pin connection Part. 749-740P.

Pin dimension for Part. 213



Swivel pin connection Part. 740-740P

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

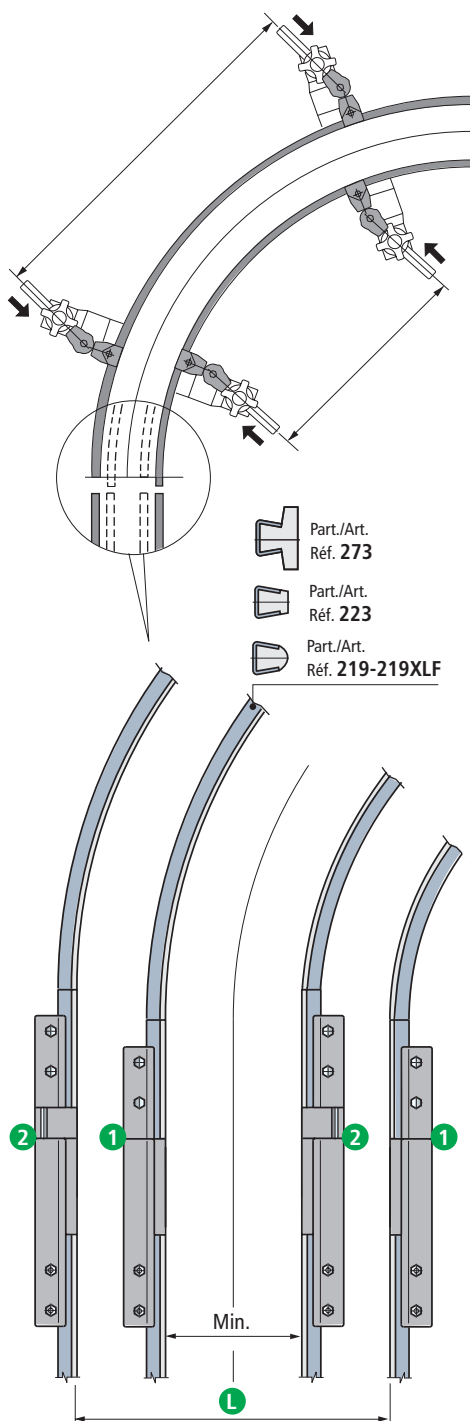


Guide - Rail Clamps

for Part. 223 - 219 - 219XLF - 273

• Assembly of Part. 736-737-738

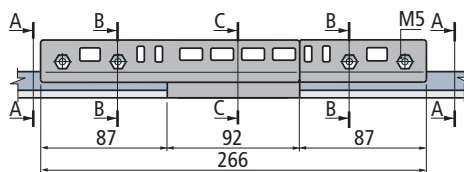
The clamps allows the junction of straight tracks with corner tracks.
Ideal to adjust the length of side guides near the curves when width adjustment is needed.



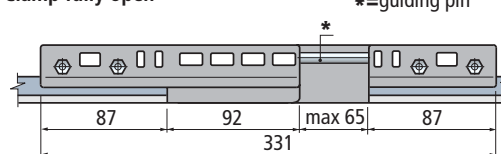
- 1- Closed clamp.
2- Open clamp.
L- Size changing width.

■ Sliding joint clamp

Clamp fully closed



Clamp fully open

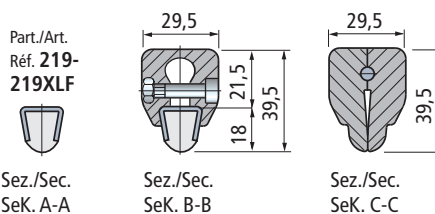


Part. **736-737-738**

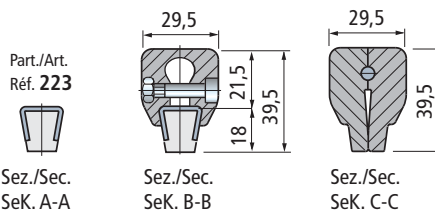


New Product

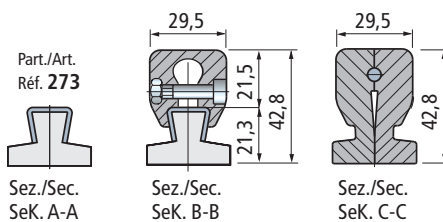
■ Part. 736 - Sliding joint clamp for Part. 219-219XLF



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



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



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

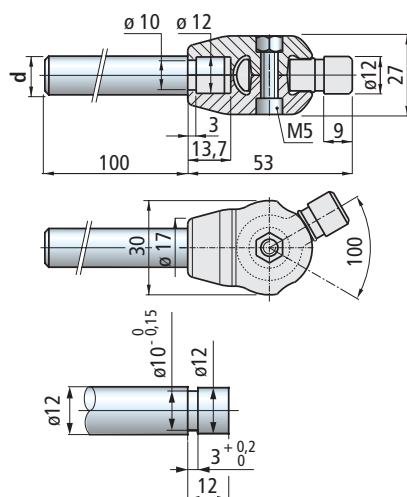
- Material: clamp in acetal (white). Guiding pin in stainless steel AISI 303. Tightening bolt in stainless steel AISI 304.
- Max recommended tightening torque : 0,4 Kgm.
- Packaging : 1 piece.

Part. 739-739P



*New
Product*

Swivel pin connection



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

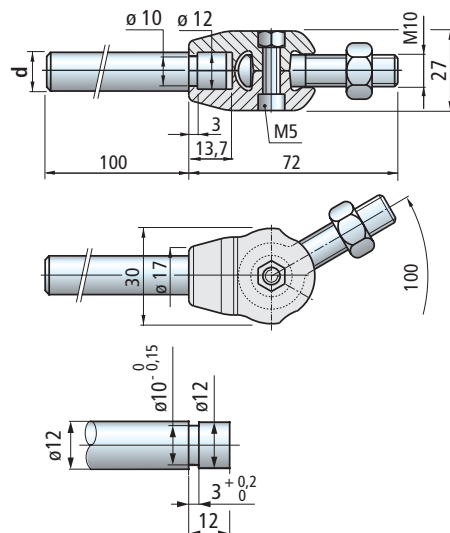
- Material : clamp and eyebolt in reinforced Polyamide PA FV (black). Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 20 pieces.

Part. 740-740P



*New
Product*

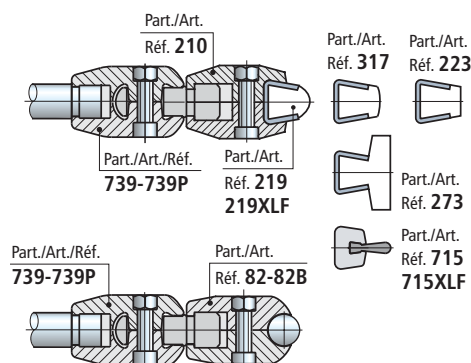
Swivel pin connection



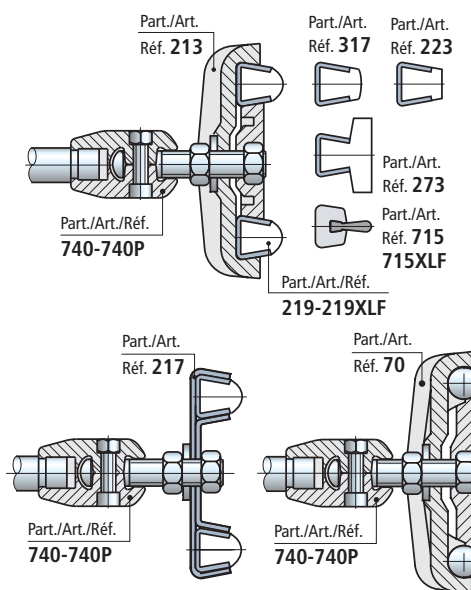
Part.	Version	Pin dia. d mm	Code	Weight Kg
740	Without pin	—	695532	0,01
740P	With pin	12	P0602593	0,12

- 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.

Assembly of Part. 739-739P

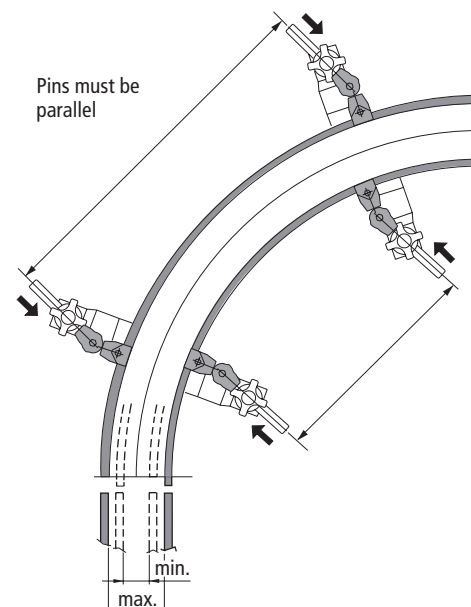


Assembly of Part. 740-740P



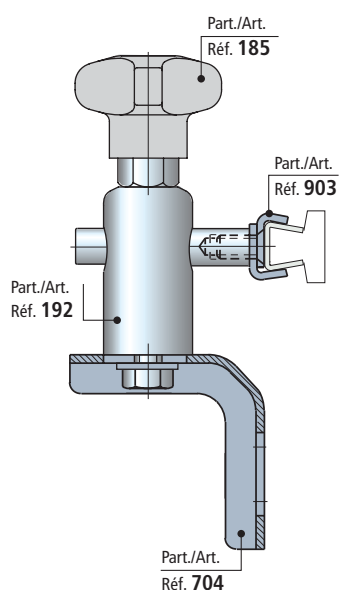
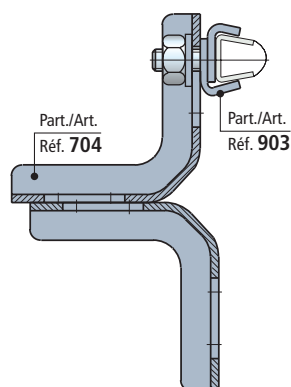
Use of Part. 739-739P-740-740P

- 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.

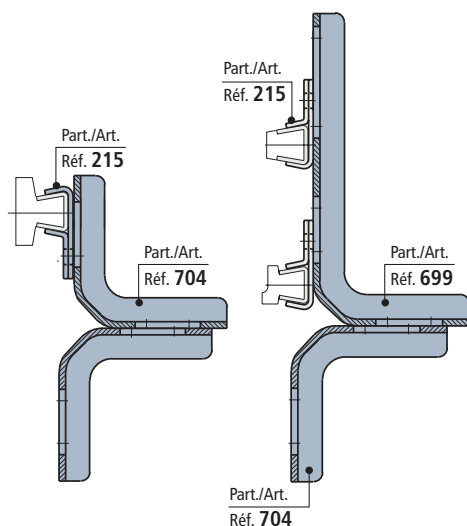


for Part. 223 - 317 - 219 - 219XLF - 273 - 393 - 596 - 308 - 715 - 715XLF - 765 - 767 - 768 - 769 - 770

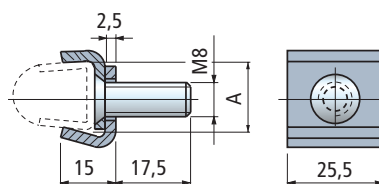
• Assembly of Part. 903-216



• Assembly of Part. 215



■ ViseClamp™



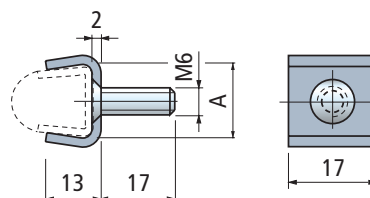
Part.	Use	A mm	Code
903	For guides with S= 2	17	656001*

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

Part. 903



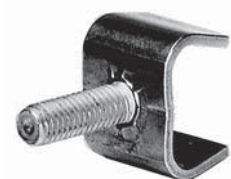
■ Guide rail clamp



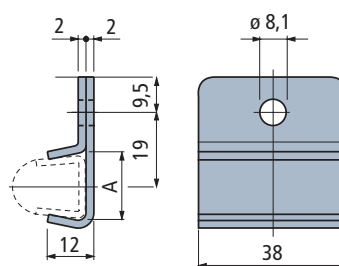
Part.	Use	A mm	Code	Weight kg
216	For guides with S= 1,5	16,5	60131*	0,01
	For guides with S= 2	17	64244	

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

Part. 216



■ Guide rail clamp



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

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

Part. 215



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

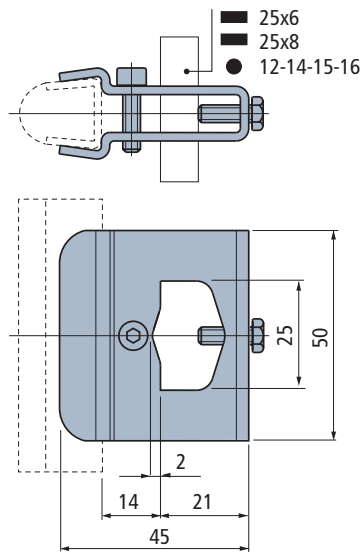
for Part. 223 - 317 - 219 - 219XLF - 273 - 393 - 596 - 308 - 715 - 715XLF - 765 - 767 - 768 - 769 - 770

Part. 693



*New
Product*

■ Guide-rail clamp With one fixing screw



Part.	Code	Weight kg
693	689212	0,10

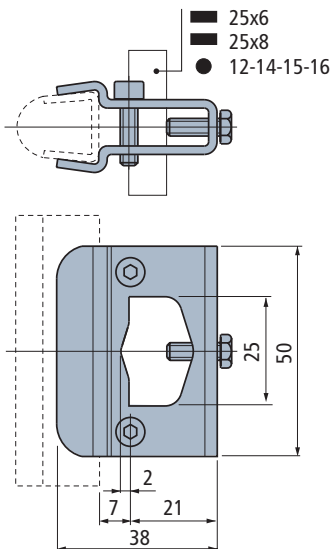
- Material : clamp and bolt in stainless steel AISI 304.
- Packaging : 16 pieces.

Part. 694



*New
Product*

■ Guide-rail clamp With two fixing screws



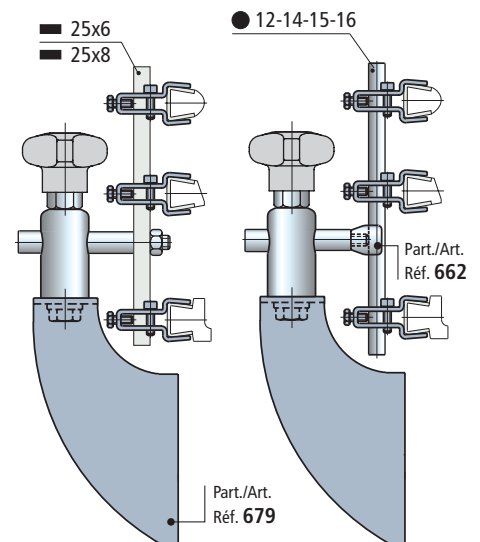
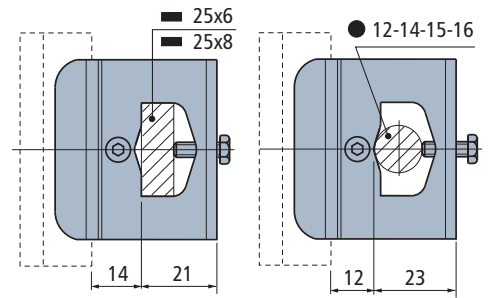
Part.	Code	Weight kg
694	689222	0,10

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

• Assembly of Part. 693

Fixing on plates

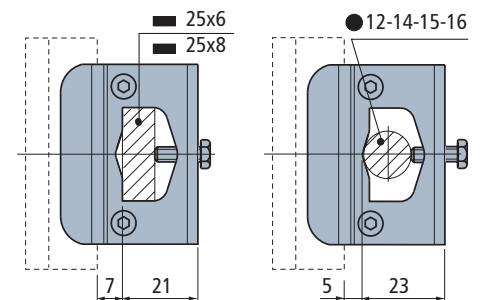
Fixing on rods



• Assembly of Part. 694

Fixing on plates

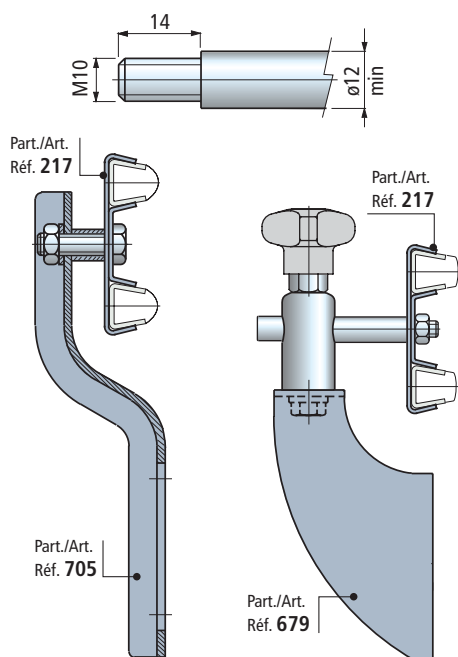
Fixing on rods



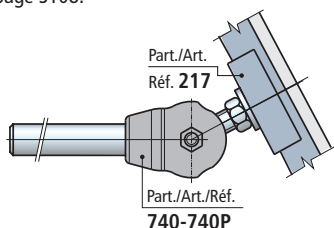
Guide - Rail Clamps

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

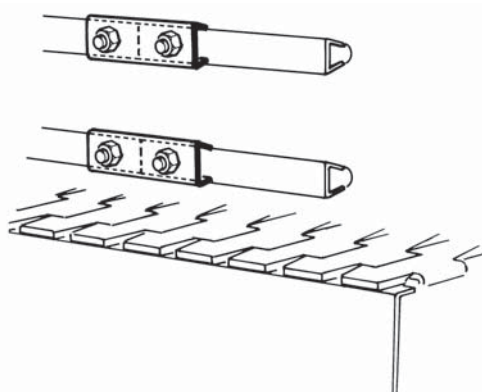
• Pin dimensions for Part. 217



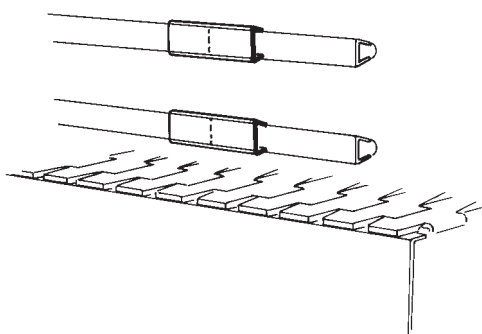
- **Swivel pin connection Part. 740-740P**
Use for conveyors with (format change).
They allow an easy regulation of product-guides on corner tracks.
See page S108.



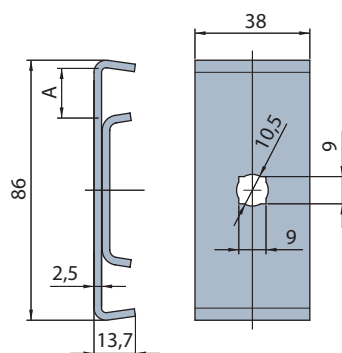
• Assembly of Part. 902



• Assembly of Part. 214



■ Guide-rail clamp (double)



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

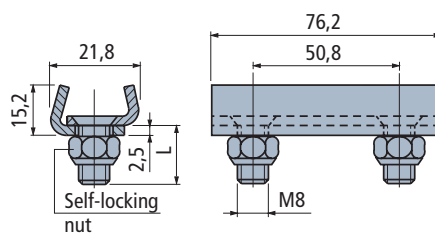
● = New Product

- Material : stainless steel AISI 304.
- Packaging : 50 pieces.
- Accessories : swivel pin connection Part. 740-740P.

Part. 217



■ ViseSplice™



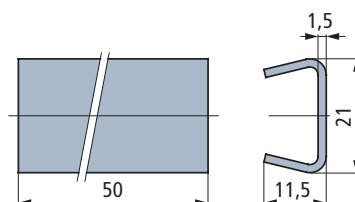
Part.	Use	L mm	Code
902	Per guide con S= 2	15	656041*

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

Part. 902



■ Connecting clamp



Part.	Code	Weight kg
214	60111	0,02

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

Part. 214



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

Guide-rail clamps for

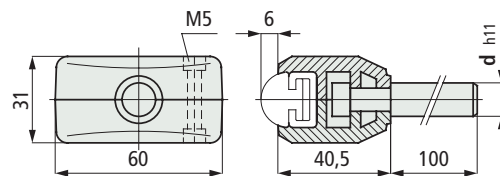
- Part. 247



Part. 236



Guide-rail clamp



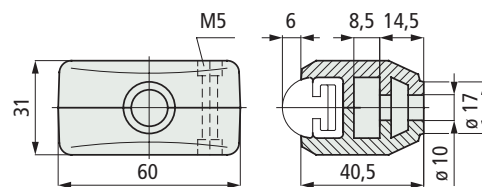
Part.	Pin dia. d mm	Code	Weight kg
236	12	63931	0,13
	14	63941	0,18
	16	63951*	0,23

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

Part. 236



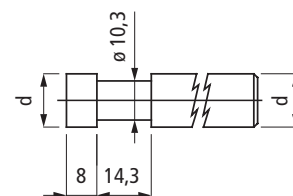
Guide-rail clamp



Part.	Code	Weight kg
236	63141	0,06

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

Pin dimensions for Part. 236



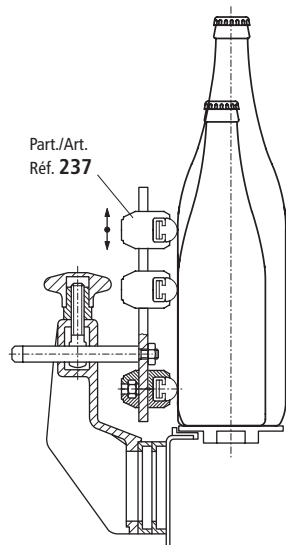
d = dia. 12 16 mm

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

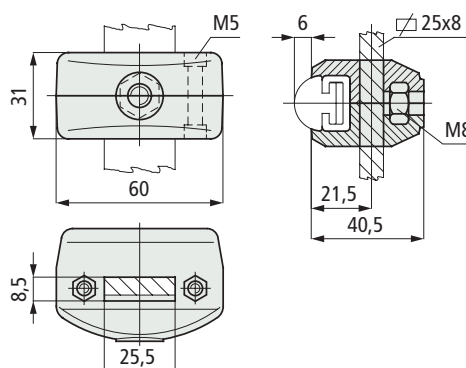
Guide - Rail Clamps

for Part. 247

- Assembly of Part. 237
Unlimited height adjustment possible



Adjustable guide-rail clamp (regolabile)



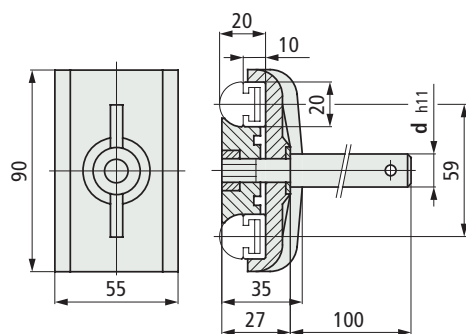
Part.	Code	Weight kg
237	63151	0,06

- 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



Double guide-rail clamp



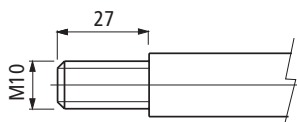
Part.	Pin dia. d mm	Code	Weight kg
116	12	51590	0,20
	14	51600	0,23
	16	55010	0,26

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

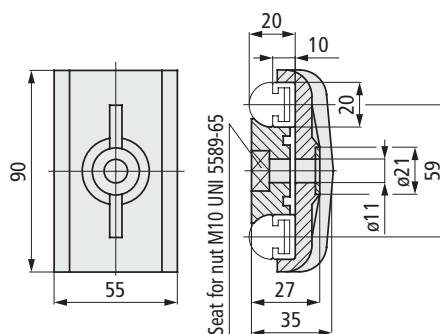
Part. 116



- Pin dimensions for Part. 111



Double guide-rail clamp



Part.	Code	Weight kg
111	51580	0,08

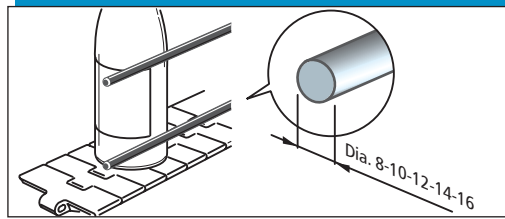
- Material : guide rail clamp in reinforced polyamide PA FV (black).
- Washer in stainless steel AISI 304.
- State of supply : supplied without tightening nut.
- Packaging : 50 pieces

Part. 111



Guide-rail clamps for

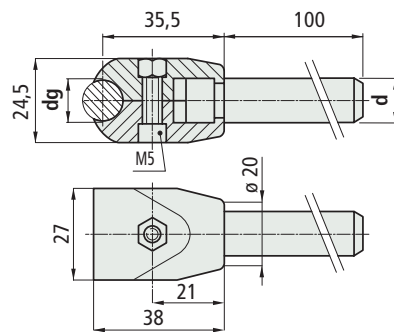
- Round steel rods



Part. 82P



■ Guide-rail clamp



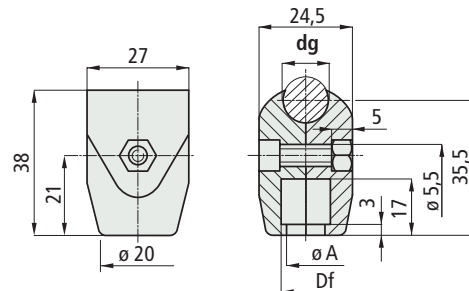
Part.	pin dia. d mm	Guide dia. dg mm	Code	Weight kg
82 P	12	10	P6827820●	0,12
		12	P6184910	
		14	P6185010	
	14	10	P6827920●	0,15
		12	P6185110	
		14	P6185210	

- = 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



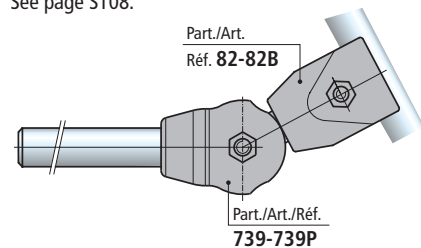
■ Guide-rail clamp



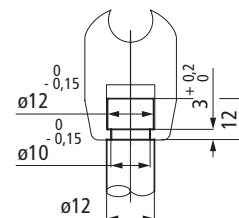
Part.	Use	Guide dia.		Bore dia. dia.		
		dg mm	Code	Df mm	A mm	Weight kg
Without tightening bolt						
82	for pins dia. 12	10	682742●	12	10	0,01
		12	66861			
		14	66871*			
	for pins dia. 14	10	682752●	13,5	11,5	
		12	50930*			
		14	50940*			
With tightening bolt						
82 B	for pins dia. 12	10	B6827620●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

- = New Product.
- Material : guide rail clamps in reinforced polyamide PA 6 (black).
- Bolt in stainless steel AISI 304. Nut in nickel plated brass.
- Packaging : 100 pieces.
- Accessories : swivel pin connection Part. 739-739P.

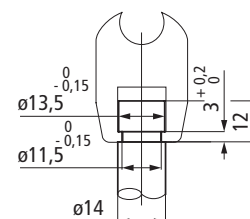
- **Swivel pin connection** Part. 739-739P
Use for conveyors with (format change).
They allow an easy regulation of product-guides on corner tracks.
See page S108.



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



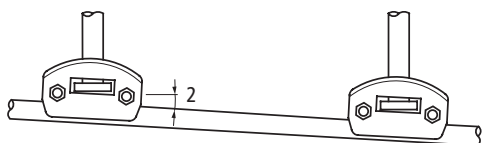
Pin dia. 14 mm



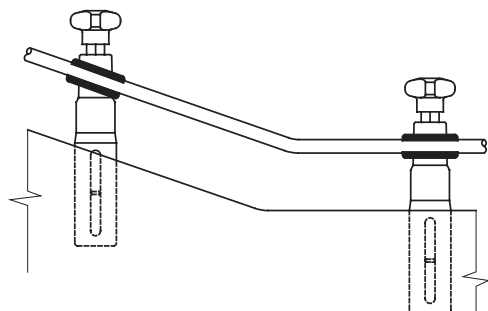
for round steel Rods

- **Assembly of Part. 478**

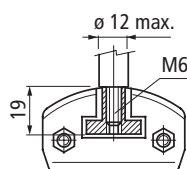
It is possible an inclination of 2° of the guide rail



Recommended for inclined conveyors (with any angle).

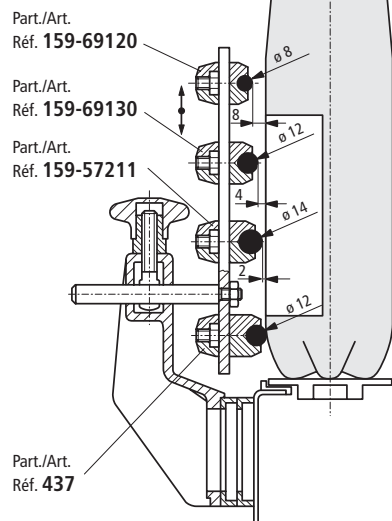


- Pin dimensions for Part. 478



- **Assembly of Part. 159-437**

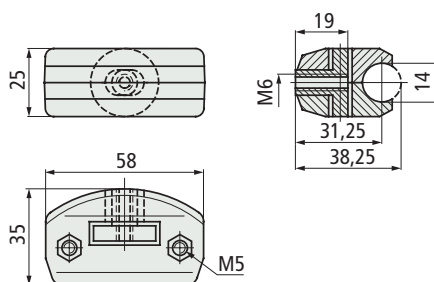
PET bottle movement
(subject to swelling).



Part.	Code	Weight kg
451	63389	0,05

- Material : guide rail clamps in reinforced polyamide PA 6 (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

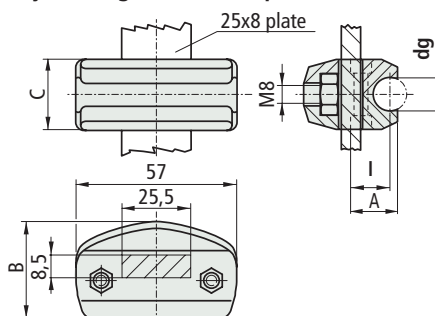
- Material : guide rail clamp in reinforced polyamide PA FV (black).
Insert in brass. Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.

Part. 478



Pivoting

■ Adjustable guide-rail clamp



Part.	Guide dia.					Code	Weight kg
	dg mm	I mm	A mm	B mm	C mm		
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

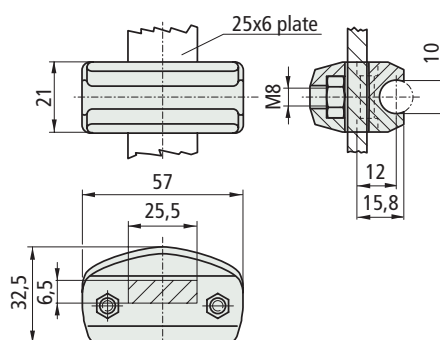
- Material : guide rail clamp in reinforced polyamide PA 6.6 (black).
Bolts in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.

Part. 159-437



For 25 x 8 plates

■ Adjustable guide-rail clamp



Part. 451



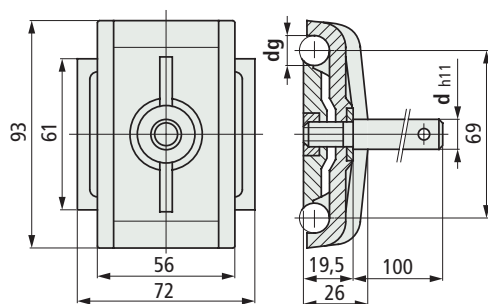
For 25 x 6 plates

for round steel Rods

Part. 71



Double guide-rail clamp



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

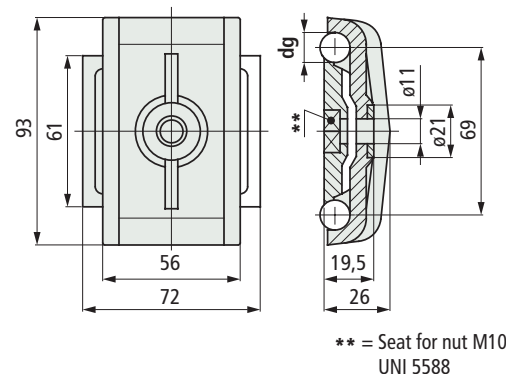
• = New Product

- 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

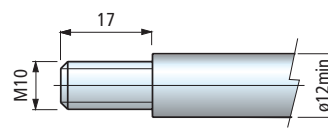


Part.	Guide dia. dg mm	Code	Weight kg
70	10	677242*	0,09
	12	50950	

• = New Product

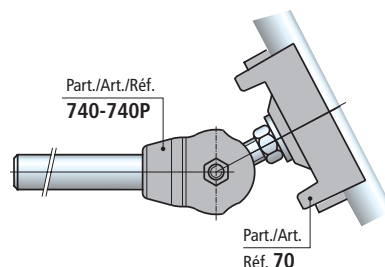
- Material : guide rail clamps in reinforced polyamide PA FV (black).
- Washer in stainless steel AISI 304.
- State of supply : supplied without tightening nut.
- Packaging : 50 pieces.
- Accessories : swivel pin connection Part. 740-740P.

• Pin Dimensions for Part. 70



• Swivel pin connection Part. 739-739P

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

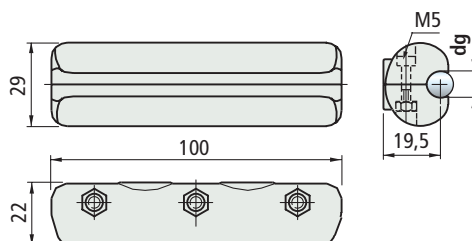


Part. 676



New
Product

Joint clamp

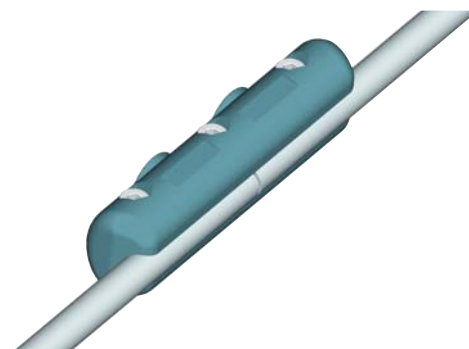


Part.	Guide dia. dg mm	Code	Weight kg
676	10	689682	0,10
	12	689692	

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

• Use of part. 676

- New split joint clamp, to be used for the junction of dia. 10-12 round guides.



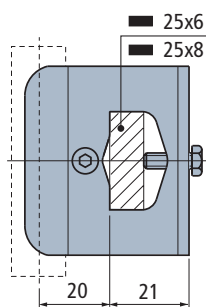
* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Guide - Rail Clamps

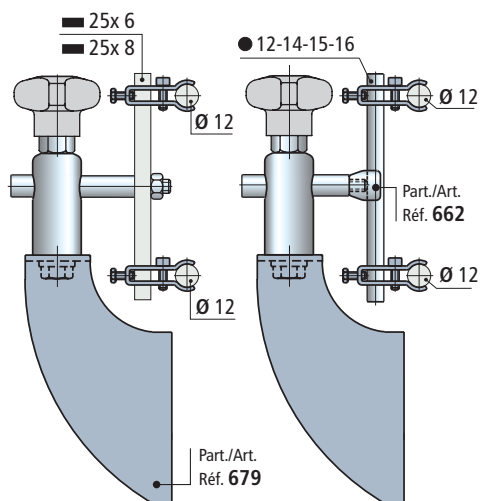
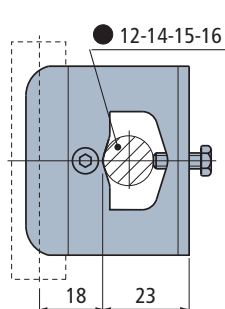
for round steel Rods

• Assembly of Part. 697

Fixing on plates

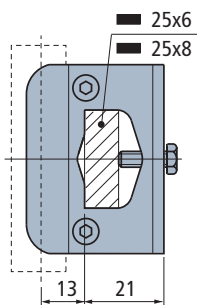


Fixing on rods

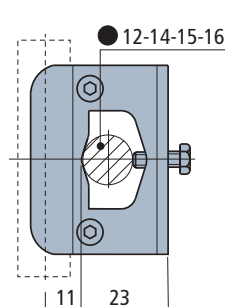


• Assembly of Part. 698

Fixing on plates

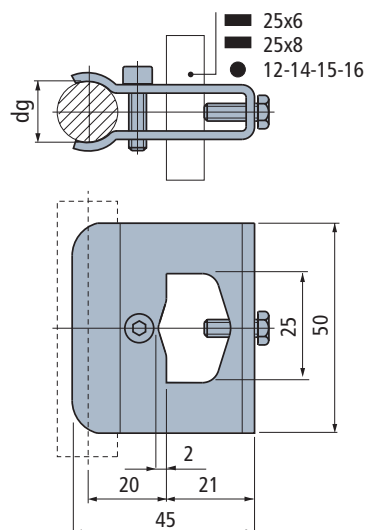


Fixing on rods



■ Guide-rail clamp

With one fixing screw

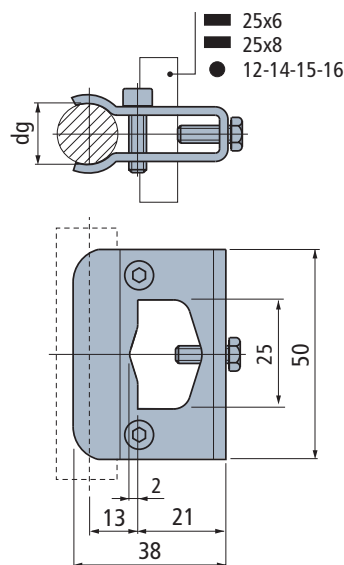


Part.	Guide dia. dg mm	Code	Weight kg
697	12	689192	0,10

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

■ 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. **697**



*New
Product*

Part. **698**



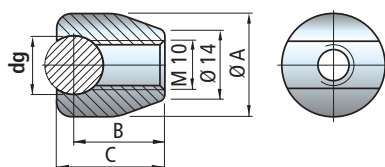
*New
Product*

Part. 662



*New
Product*

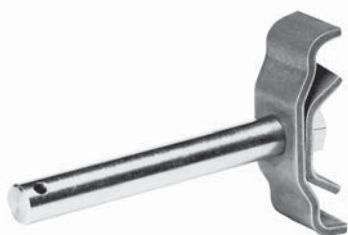
■ Guide-rail clamp



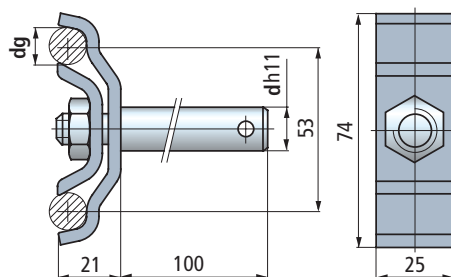
Part.	Guide dia. dg mm	Code	dia.A mm	B mm	C mm	Weight kg
662	10	669542	20	17,5	20	0,03
	12	669552	21	18,5	22	
	14	669562	23	19,5	24	

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

Part. 50



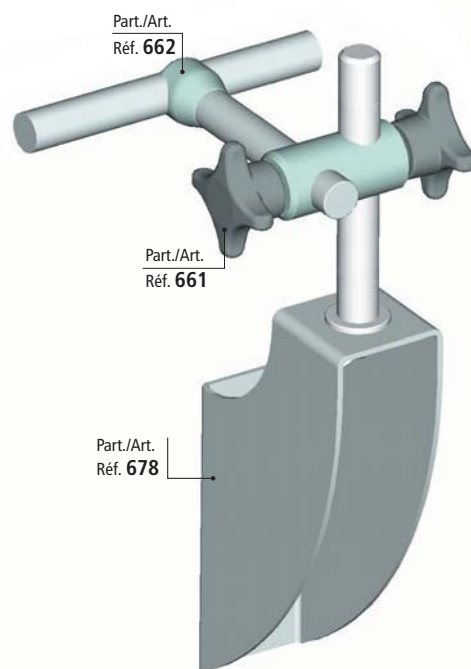
■ Guide-rail clamp (double)



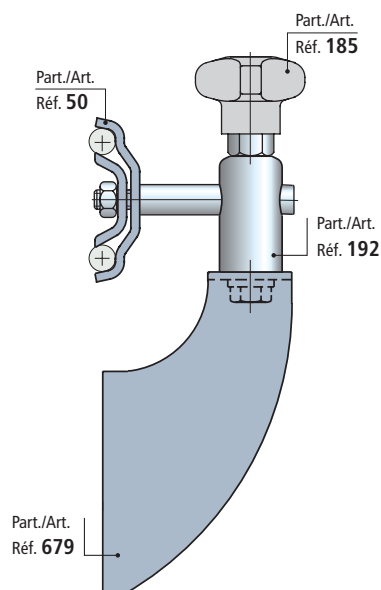
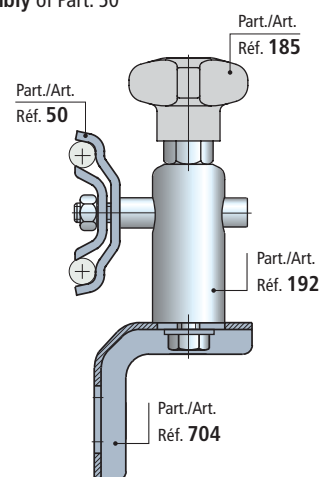
Part.	Guide dia. dg mm	Pin dia. d mm	Code	Weight kg
50	12	12	53801	0,34
		14	51000	0,36
		16	647871	0,38

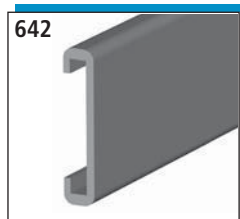
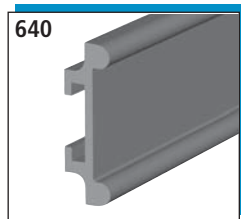
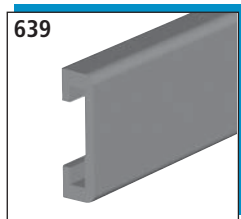
- Material : guide rail clamp and tightening nut in stainless steel AISI 304. Pin in stainless steel AISI 303.
- Packaging : 50 pieces.

• Assembly of Part. 662



• Assembly of Part. 50

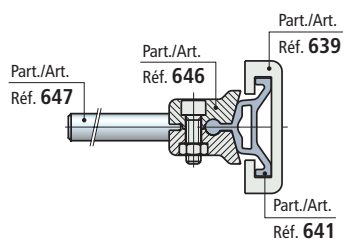




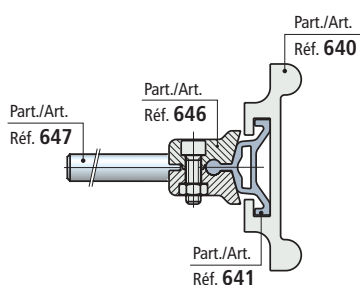
Guide-rail clamps for

- Part. 639
- Part. 640
- Part. 642

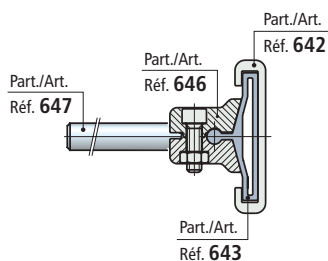
• Assembly of Part. 639



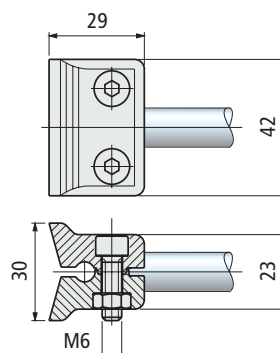
• Assembly of Part. 640



• Assembly of Part. 642



■ Guide-rail clamp



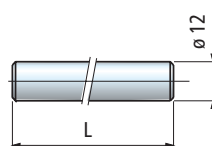
Part.	Code
646	652362

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

Part. 646



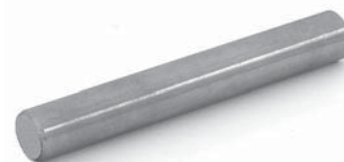
■ Rod



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. 647



Guide-rail clamps for

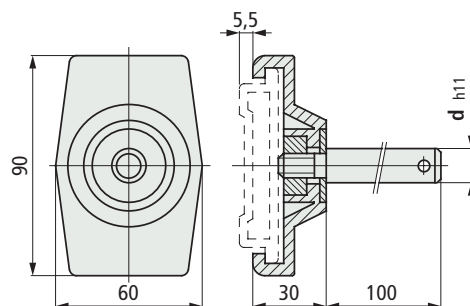
- Part. 191



Part. 190



Guide-rail clamp

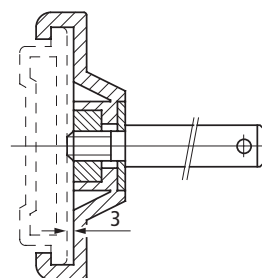


Part.	pin dia. d mm	Code	Weight kg
190	12	55741	0,18
	14	55751	0,22
	16	55761	0,25

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

Assembly of Part.190

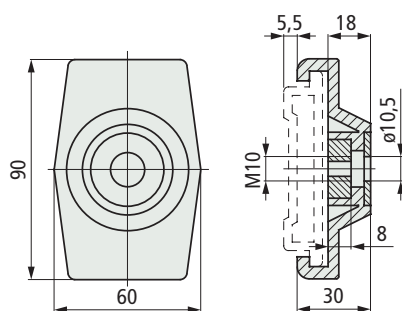
The protrusion of the pin allows the guide to be locked axially



Part. 184



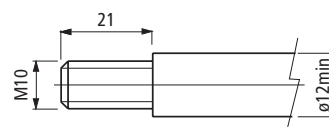
Guide-rail clamp



Part.	Code	Weight kg
184	54961	0,09

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

Pin dimensions for Part. 184



Part. 296

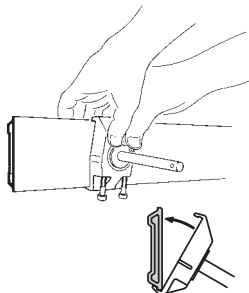


Guide-rail clamps for

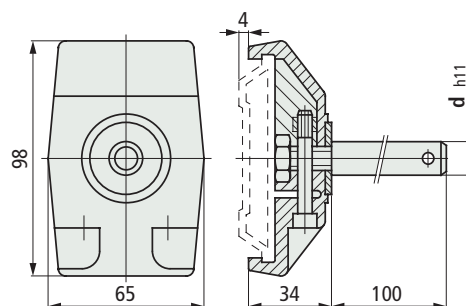
- Part. 296

• Assembly of Part. 298

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



■ Guide-rail clamp



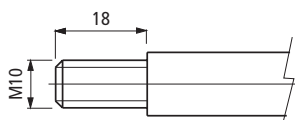
Part.	Pin dia. d mm	Code	Weight kg
	12	60372	0,12
298	14	60382	0,25
	16	60392	0,29

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

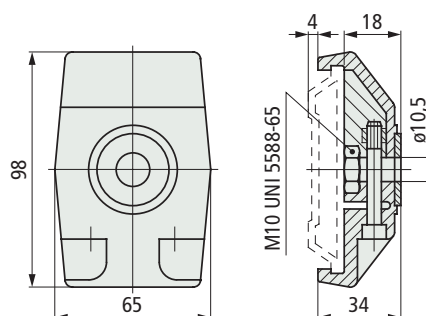
Part. 298



• Pin dimensions for Part. 298



■ Guide-rail clamp



Part.	Code	Weight kg
298	60362	0,12

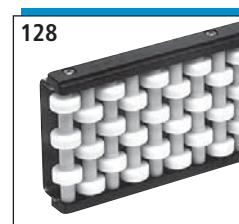
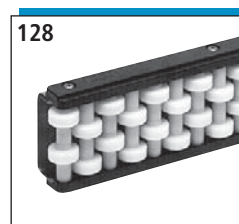
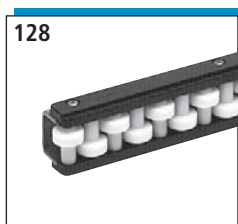
- Material : guide rail clamp in reinforced polyamide PA FV (black). Washer and tightening screws in stainless steel AISI 304. Nuts in nickel plated brass.
- Packaging : 50 pieces.
- Suitable to use in curves also

Part. 298



Guide-rail clamps for

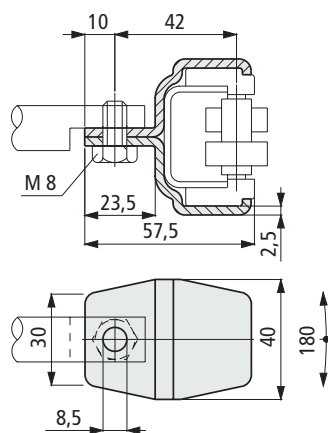
- Part. 128 S
- Part. 128



Part. 373



■ Guide-rail clamp



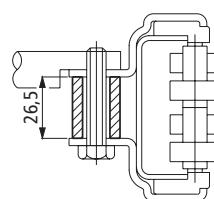
Part.	Material	Code	Weight kg
373	Stainless steel AISI 304	63506	0,11
	Zinc plated steel	64156	

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

• Assembly of Part. 373

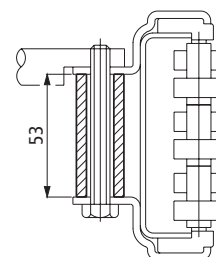
For the use of double and triple execution rails it is necessary a spacer.

Spacer for double execution guide rail

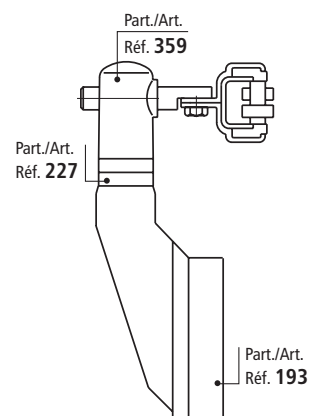
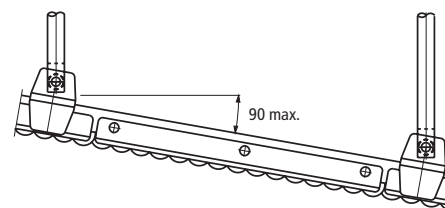


Spacer not included

Spacer for triple execution guide rail



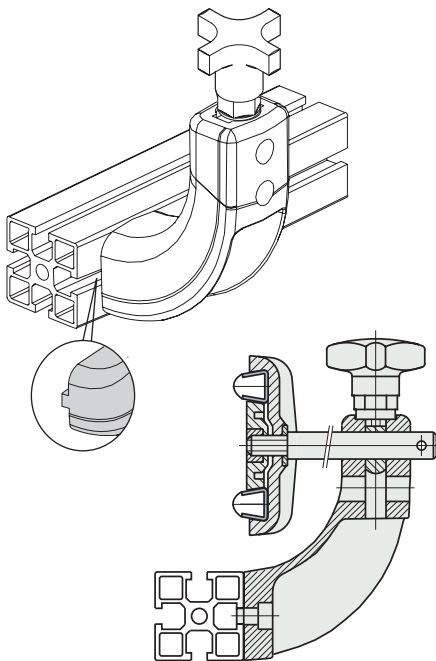
The clamp allow the guide to be mounted at an angle



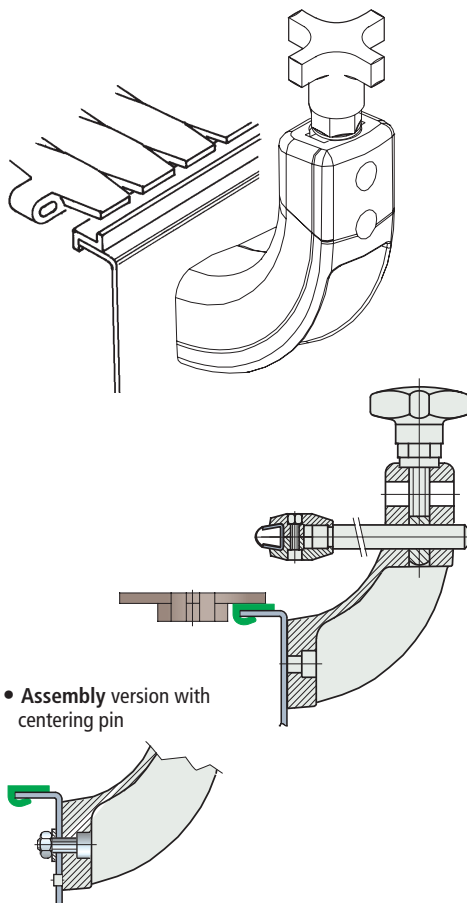
• Characteristics of Part. 708

- 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.

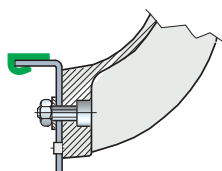
• Assembly version with positioning guide



• Assembly version without positioning guide

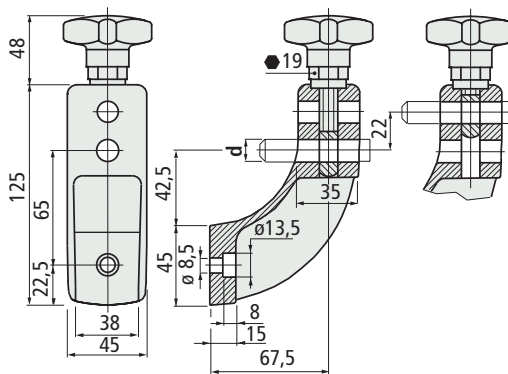


• Assembly version with centering pin

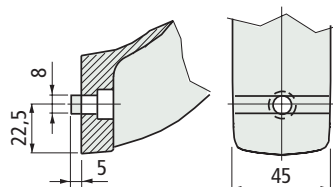


■ Bracket with two holes

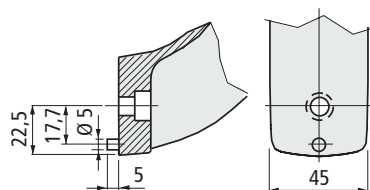
Version without positioning guide



Version with positioning guide



Version with centering pin



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

- Material : bracket and knob in reinforced polyamide PA FV (black). Hexagonal insert (for 19 mm wrench) in nickel plated brass. Eyebolt in stainless steel AISI 304.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 50 pieces.

Part. 708

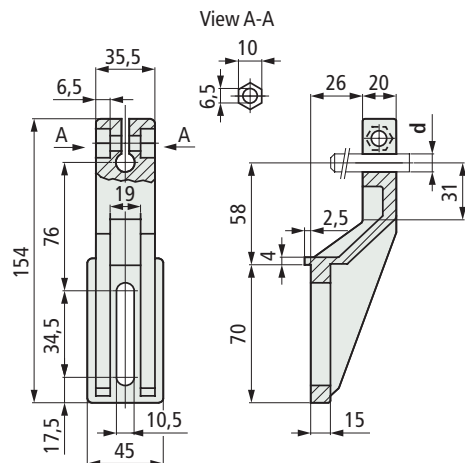


*New
Product*

Part. 81



Bracket



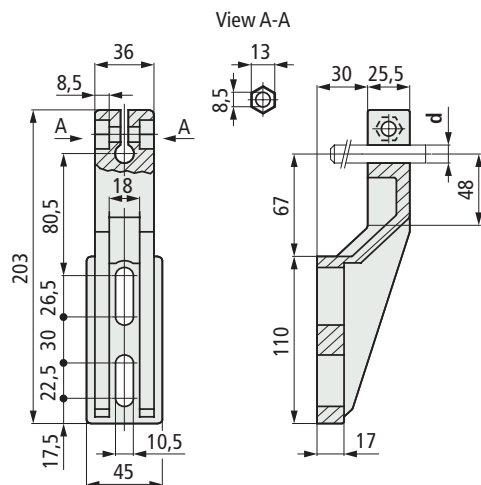
Part.	Material	Pin dia. d mm	Code	Weight kg
81	Polyamide PA (black)	12	50770	0,11
		14	50780*	

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

Part. 72



Bracket

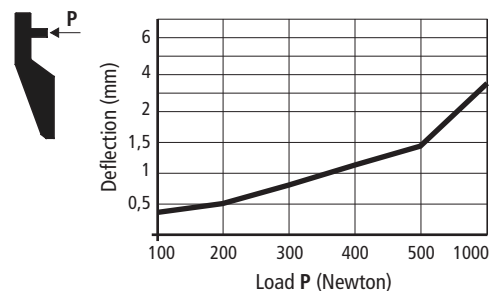


Part.	Material	Pin dia. d mm	Code	Weight kg
72	Polyamide PA (black)	14	50790	0,17
		16	50800	
	Reinforced polypropylene PP FV (nero)	14	57120	0,17
		16	57130*	

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

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

Deflection of Part. 81



Technical data Part. 81

- Sliding load resistance :

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

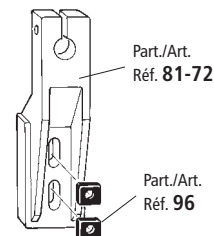
- Breaking load :

2500 N

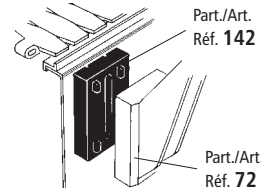
Tests performed at tightening torque : 0,6 Kgm

Accessories

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



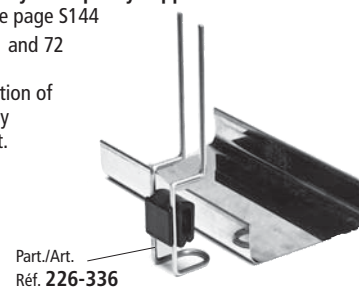
Spacer Part. 142, see page S142. Applicable to Part. 72



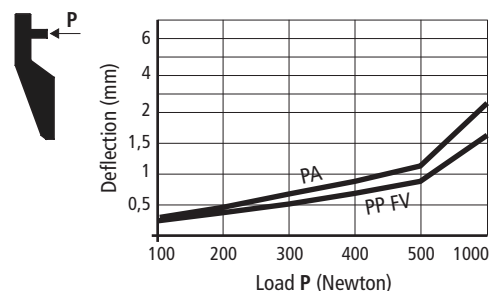
Assembly of drip tray support Part. 226-336

336, see page S144

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



Deflection of Part. 72



Technical data Part. 72

- Sliding load resistance :

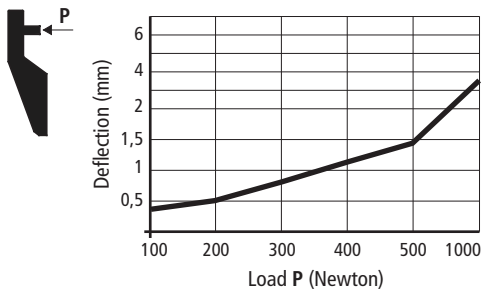
Material in PA
2700 N (with d = 14)
2200 N (with d = 16)
Material in PP FV
800 N (with d = 14)
600 N (with d = 16)

- Breaking load :

Material in PA
2700 N
Material in PP FV
2200 N

Tests performed at tightening torque : 1 Kgm

• Deflection of Part. 88



• Technical data Part. 88

- Sliding load resistance :

- Breaking load :



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

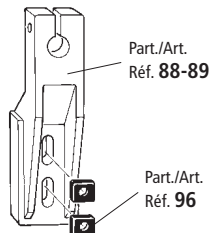


2500 N

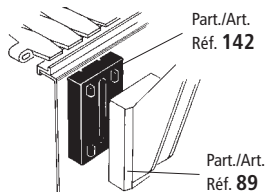
Tests performed at tightening torque : 0,6 Kgm

• Accessories

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

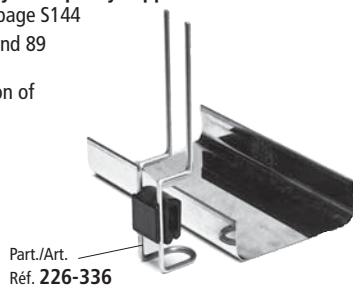


Spacer Part. 142, see page S142.
Applicable to Part. 89

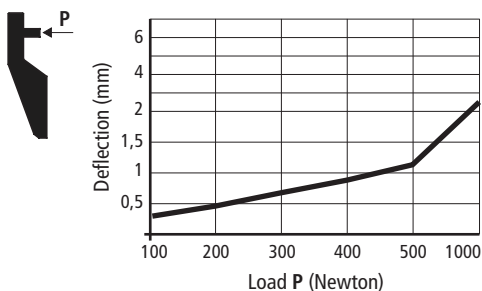


• Assembly of drip tray support Part. 226-336, see page S144

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



• Deflection of Part. 89



• Technical data Part. 89

- Sliding load resistance :

- Breaking load :



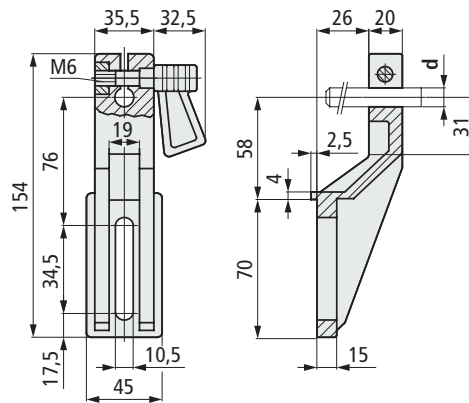
1450 N (with d = 12)
1300 N (with d = 14)
1100 N (with d = 16)



2700 N

Tests performed at tightening torque : 0,6 Kgm

■ Bracket with ratchet handle clamping



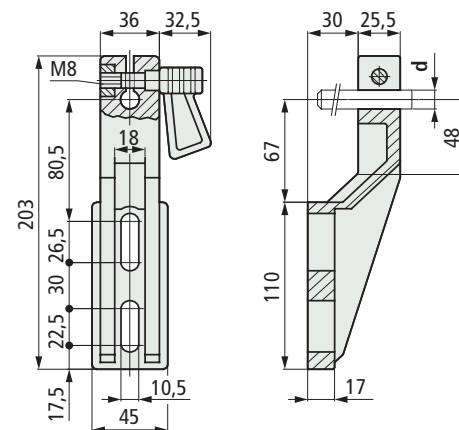
Part.	Material	Pin dia. d mm	Code	Weight kg
88	Polyamide PA (black)	12	50730	0,15
		14	50740	

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

Part. 88



■ Bracket with ratchet handle clamping



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

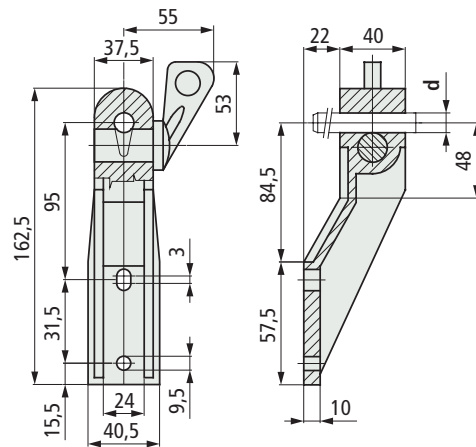
- Ratchet lever material : grip in acetal POM (black), threaded shank in stainless steel AISI 303, fixing nut in nickel plated brass.
- Max recommended tightening torque : 0,6 Kgm.
- Packaging : 50 pieces.

Part. 89



Part. 85

Bracket with eccentric lever

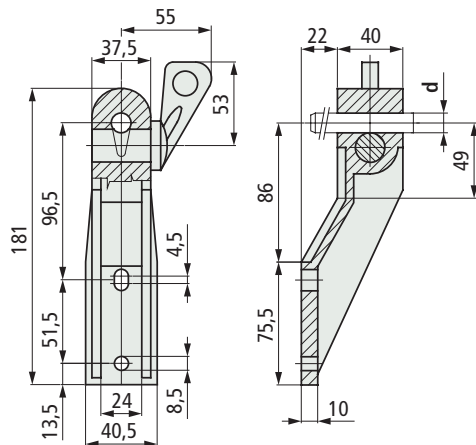


Part.	Material	pin dia. d mm	Code	Weight kg
85	Reinforced polypropylene PP FV (black)	12	50810	0,13
		14	50820	

- Packaging : 50 pieces.

Part. 10-97

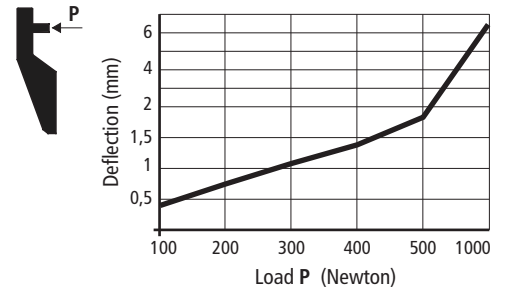
Bracket with eccentric lever



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

- Packaging : 50 pieces.

Deflection of Part. 85



Technical data Part. 85

- Sliding load resistance :

- Breaking load :

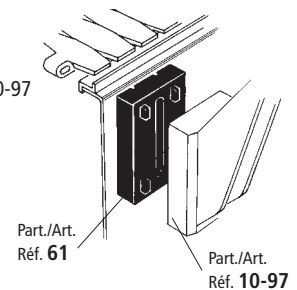
360 N (with d = 12-14)

1200 N

Accessories

Spacer Part. 61,
see page S142.

Applicable to Part. 10-97

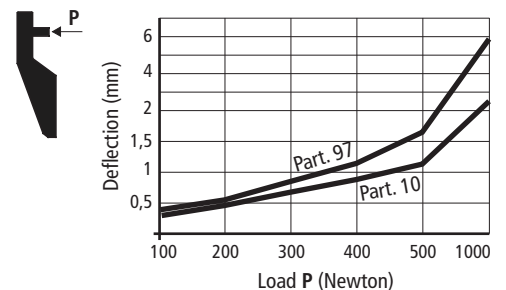


Assembly of drip tray support Part. 226-336, see page S130.

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



Deflection of Part. 10-97



Technical data Part. 10-97

- Sliding load resistance :

- Breaking load :

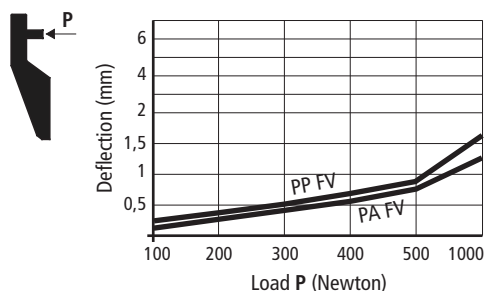
Material in PA FV
700 N (with d = 14)

Material in PP FV
360 N (with d = 12-14)

Material in PA FV
2800 N

Material in PP FV
1200 N

• Deflection of Part. 107



• Technical data Part. 107

- Sliding load resistance :

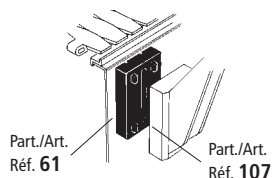
- Breaking load :

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

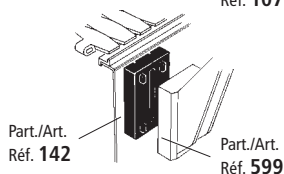
Tests performed at tightening torque : 4 Kgm

• Accessories

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

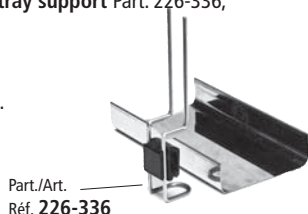


Spacer Part. 142,
see page S142.
Applicable to Part. 599



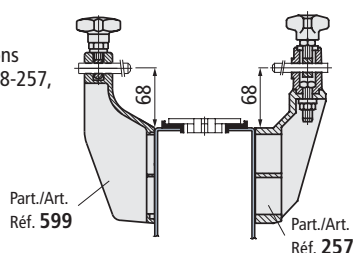
• Assembly of drip tray support Part. 226-336, see page S144.

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

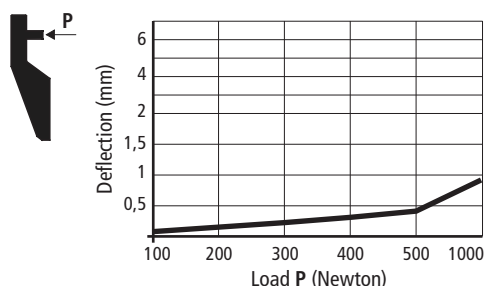


• Use Part. 599

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



• Deflection of Part. 599



• Technical data Part. 599

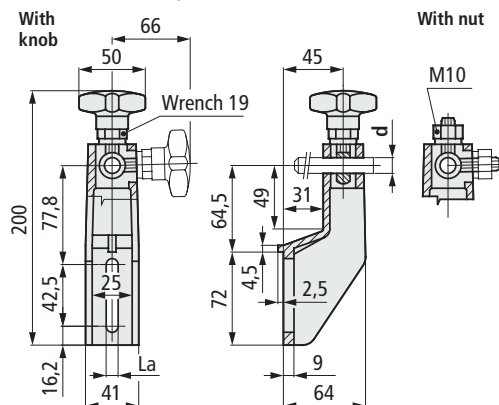
- Sliding load resistance :

- Breaking load :

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

■ Bracket with eyebolt

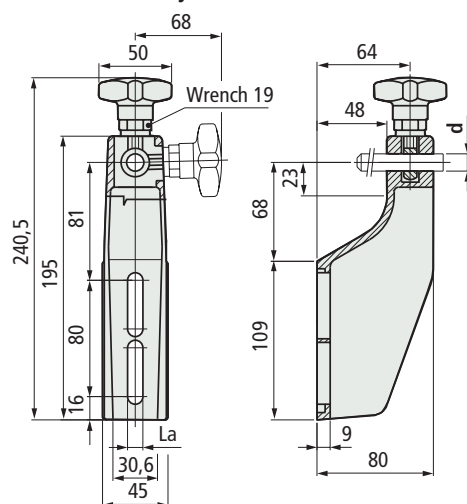


		Code		
		Pin dia. d mm	With Microban® La = 9	Without Microban® La = 9 La = 10,5
107	Reinforced polyamide PA FV	12	652052	50710 68200
		14	—	67811 67821
		16	—	655512 655522
	Reinforced polypropylene PP FV	12	—	59121* 59131*
107		14	—	67831* 67841*
		16	—	655532 655542
• With nut				
107	Reinforced polyamide PA FV	12	—	57341* 57351
		14	—	67771* 67781
		16	—	655552 655562
	Reinforced polypropylene PP FV	12	—	59141 59151*
107		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



		Code			Weight
		Pin dia. d mm	La = 9	La = 10,5	
599	Reinforced polyamide PA FV	12	611293	613572	0,11
		16	611303	655592	

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

Part. 107



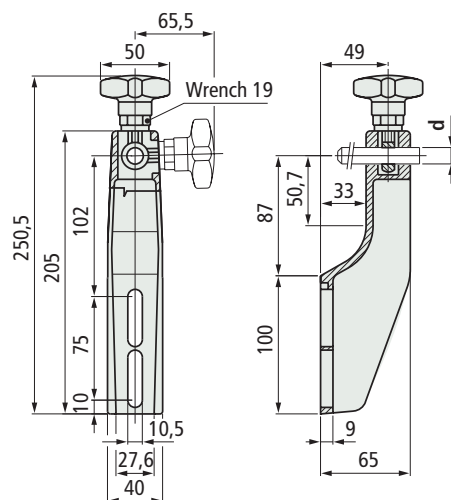
Part. 599



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

Part. 617

Bracket with eyebolt

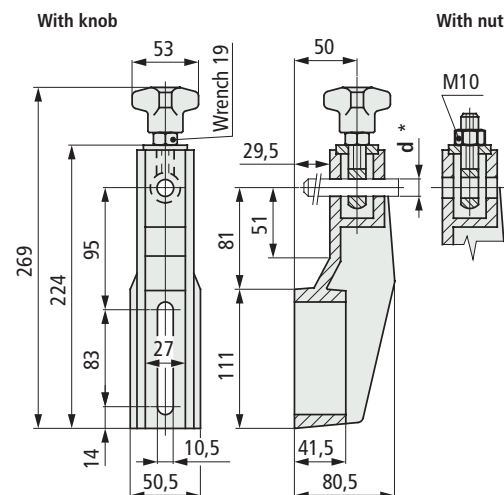


Part.	Material	Pin dia. d mm	Code	Weight kg
617	Reinforced polyamide PA FV (black)	12	613562	0,18
		16	655602	

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

Part. 140

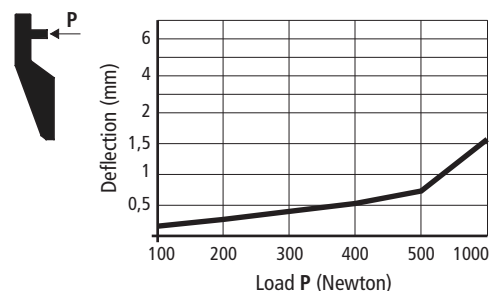
Bracket with eyebolt



Part.	Pin dia. d *	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.

Deflection of Part. 617



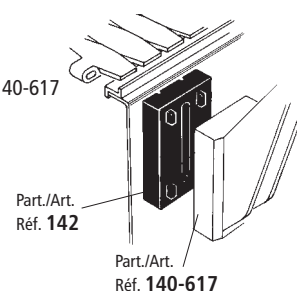
Technical data Part. 617

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

Tests performed at tightening torque : 4 Kgm

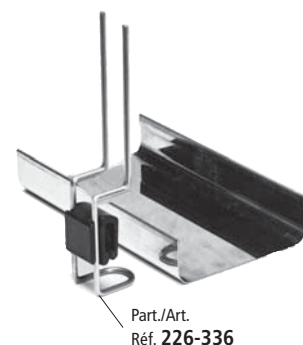
Accessories

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

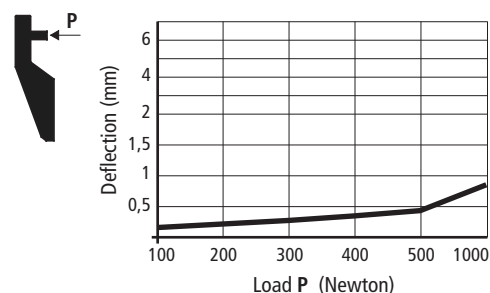


Assembly of drip tray support Part. 226-336, see page S144

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



Deflection of Part. 140

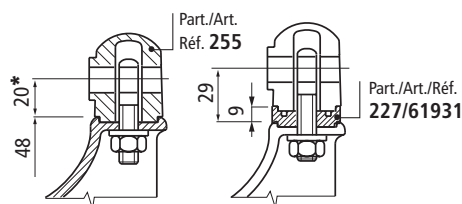


Technical data Part. 140

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

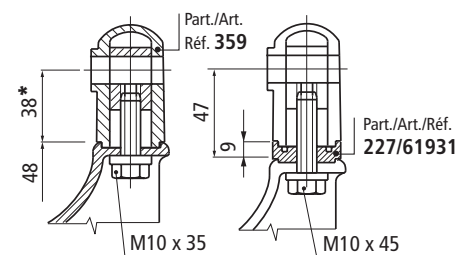
Tests performed at tightening torque : 4 Kgm

• Assembly with swivel head Part. 255



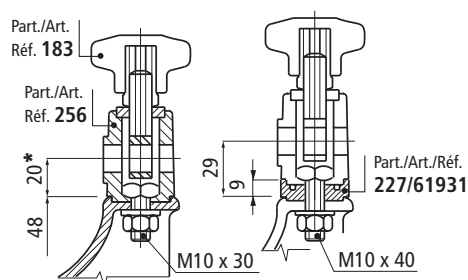
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

• Assembly with swivel head Part. 359



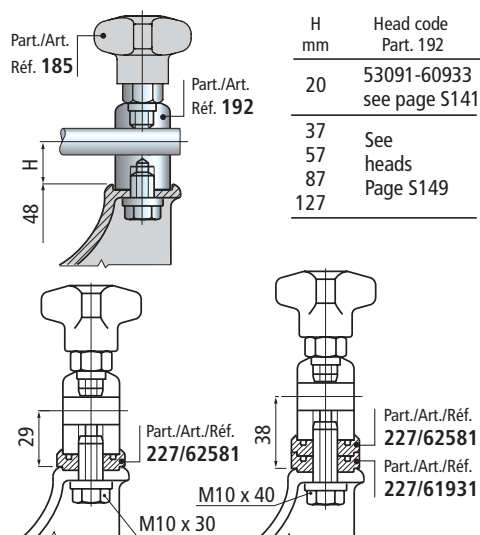
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

• Assembly with swivel head Part. 256



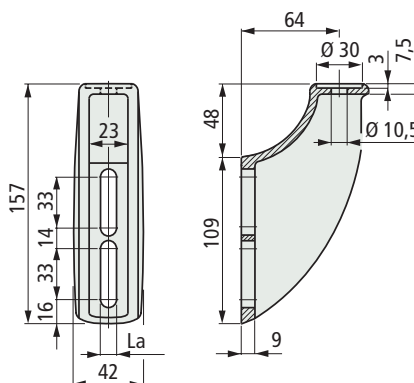
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

• Assembly with swivel head Part. 192



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

■ Adjustable bracket



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

* = New product

- Material : reinforced polyamide PA FV (black)

- Packaging : 50 pieces.

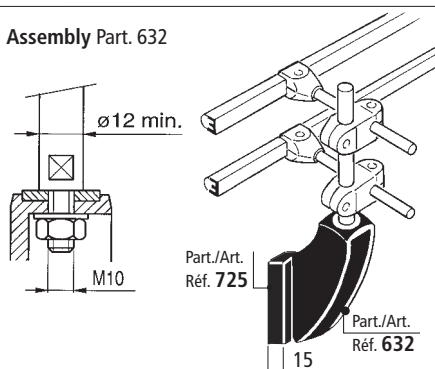
- Accessories : spacer Part. 725.

Part. 632

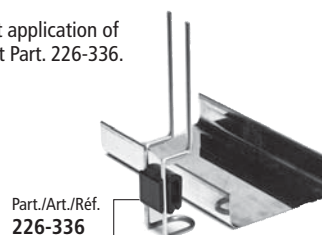


Replace part. 193

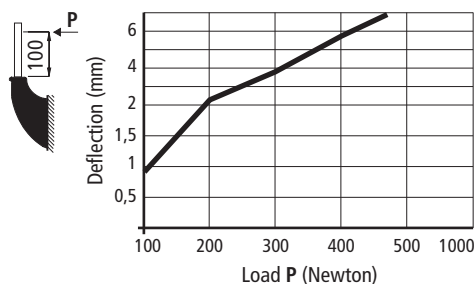
• Assembly Part. 632



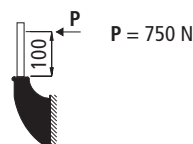
• Part. 632 permit application of drip tray support Part. 226-336.



• Deflection of Part. 632



• Breaking load P

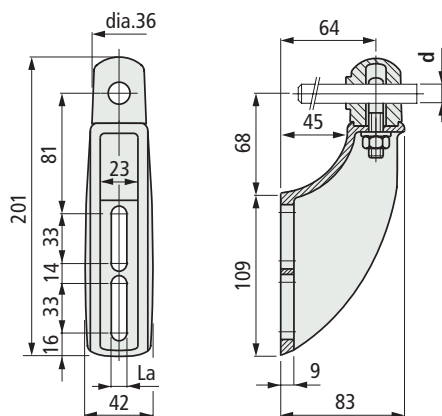


Part. 635



Replace part. 163

Adjustable bracket



Part.	Pin dia. d mm	Code La=9 mm	Code La=10,5 mm	Weight kg
635	12	610893*	648312	0,30
	14	610903*	648322	
	16	610913*	648332	

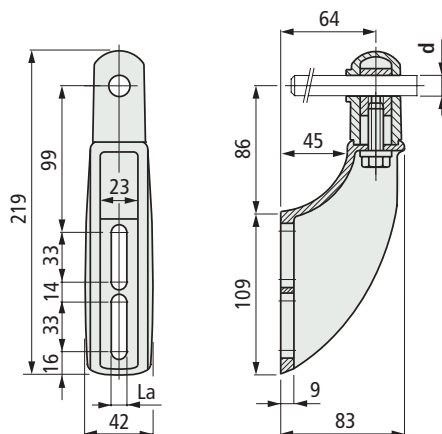
* = New product

- 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.

Part. 636



Adjustable bracket

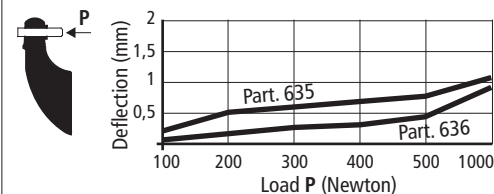


Part.	Pin dia. d mm	Code La=9 mm	Code La=10,5 mm	Weight kg
636	12	610923*	648342	0,30
	14	610933*	648352	
	16	610943*	648362	

* = 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. 635 - 636



Technical data Part. 635 - 636

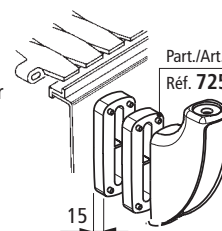
- Sliding load resistance :

- Breaking load :

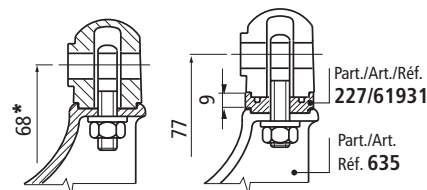
Part. 635	2000 N (with d = 12)	Part. 635	4000 N
	3000 N (with d = 14-16)	Part. 636	3000 N
Part. 636	2000 N (with d = 12)		
	2500 N (with d = 14-16)		

Tests performed at tightening torque : 4 Kgm

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

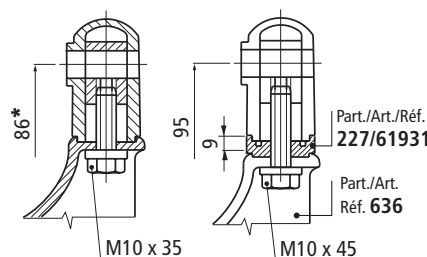


- Part. 635 permit application of spacer Part. 227. See page S141.



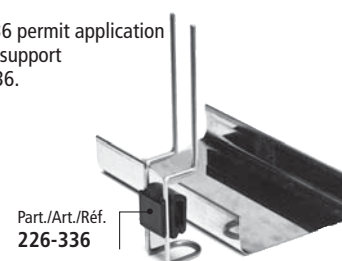
- * = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

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

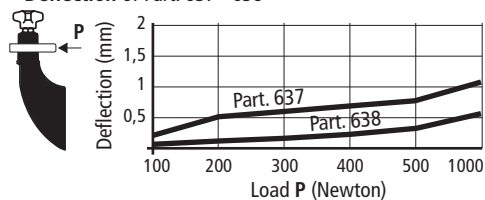


- * = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer Part. 227 it is necessary a longer screw.

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



Deflection of Part. 637 - 638



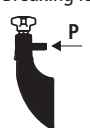
Technical data Part. 637 - 638

- Sliding load resistance :



Part. 637
2000 N (with d = 12)
3000 N (with d = 14-16)
Part. 638
No sliding

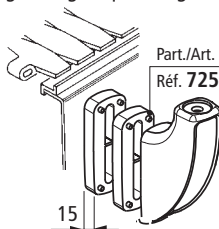
- Breaking load :



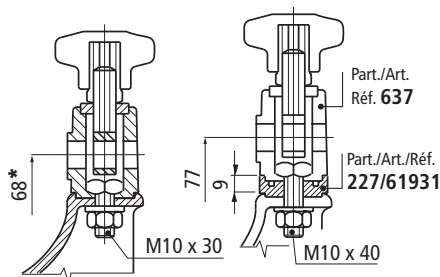
Part. 637
4000 N
Part. 638
3500 N

Tests performed at tightening torque : 4 Kgm

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

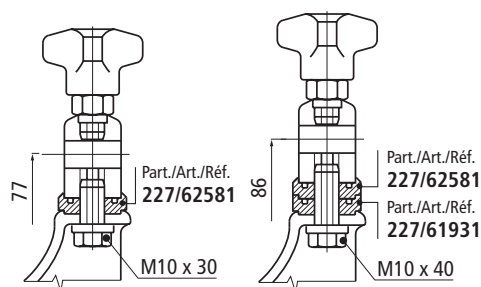


- Part. 637 permit application of spacer Part. 227. See page S141.



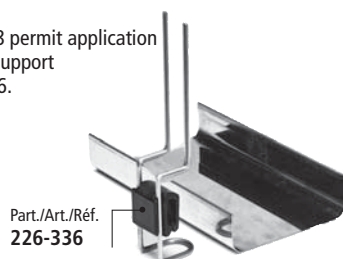
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931. To use the spacer it is necessary a longer screw.

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

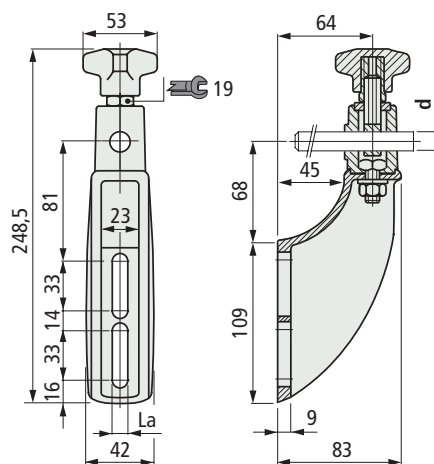


To use the spacer Part. 227 it is necessary a longer screw.

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



Adjustable bracket



Part.	Pin dia. d mm	Code La=9 mm	Code La=10,5 mm	Weight kg
637	12	605423*	648372	0,40
	14	605433*	648382	
	16	605443*	648392	

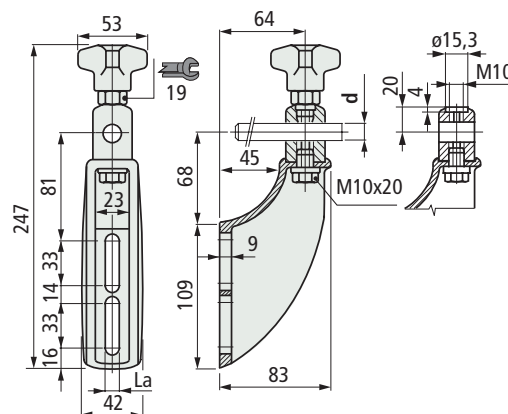
* = New product

- 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	Code	Weight kg
			La=9 mm	La=10,5 mm	
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. 637



Replace part. 257

Part. 638

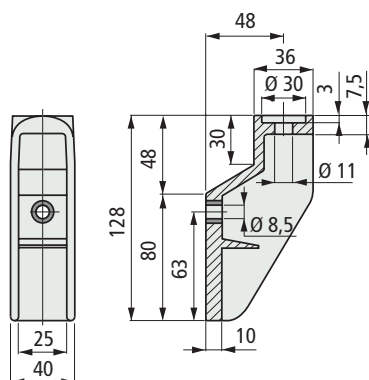


Replace part. 178

Stainless steel and brass swivel head

Part. 648

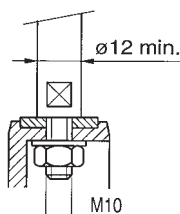
Adjustable bracket



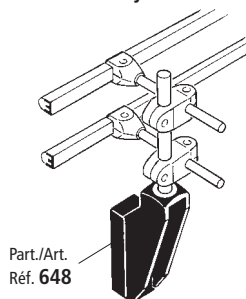
Part.	Material	Code	Weight kg
648	Reinforced polyamide PA FV (black)	653112	0,12

- Packaging : 50 pieces.

Pin dimensions for Part. 648

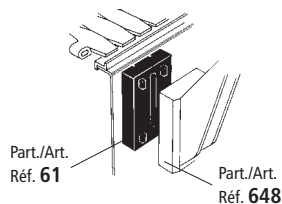


Assembly of Part. 648

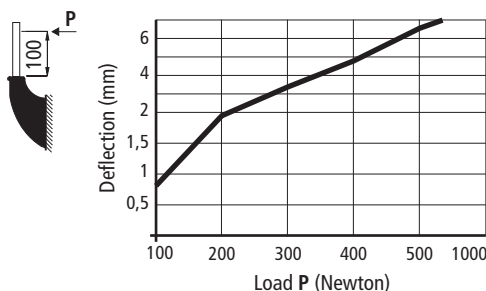


Accessories

Spacer Part. 61, see page S142.
Applicable to Part. 648

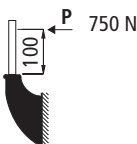


Deflection of Part. 648

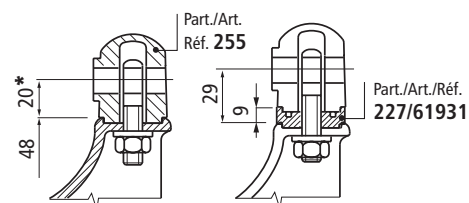


Technical data Part. 648

- Breaking load : 750 N

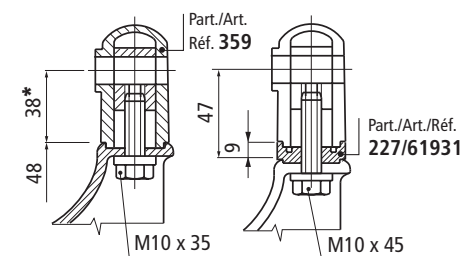


Assembly with swivel head Part. 255



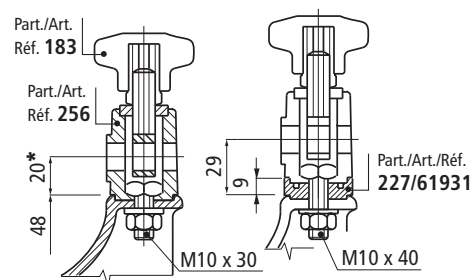
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

Assembly with swivel head Part. 359



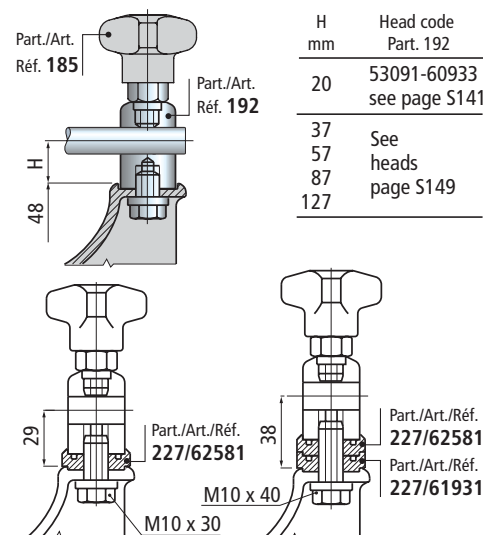
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931.
To use the spacer it is necessary a longer screw.

Assembly with swivel head Part. 256



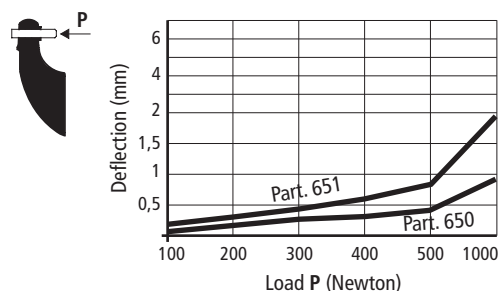
* = To increase the height (by 9 mm) use 1 or more spacer Part. 227 code 61931.
To use the spacer it is necessary a longer screw.

Assembly with swivel head Part. 192



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

• Deflection of Part. 650 - 651



• Technical data Part. 650 - 651

- Sliding load resistance :

- Breaking load :



Part. 650
2000 N (with d = 12)
3000 N (with d = 14-16)
Part. 651
1500 N (with d = 12-14-16)

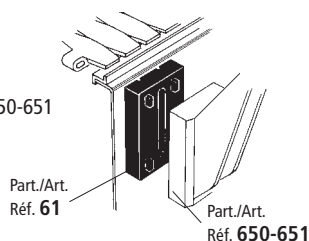


Part. 650
4000 N
Part. 651
2000 N

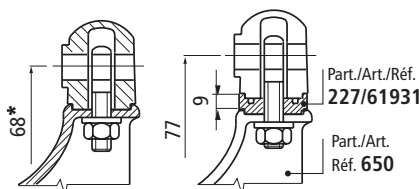
Tests performed at tightening torque : 4 Kgm

• Accessories

Spacer Part. 61,
see page S142.
Applicable to Part. 650-651

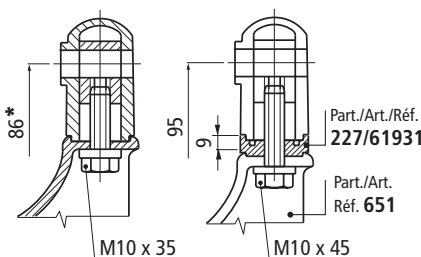


- Part. 650 permit application of spacer Part. 227. See page S141.



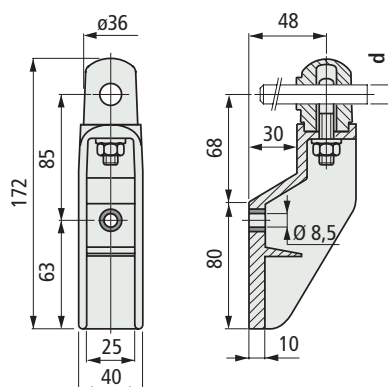
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

- 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



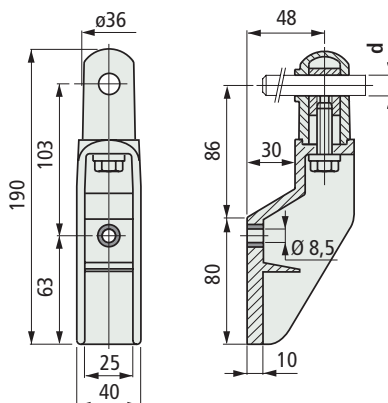
Part.	Material	Pin dia. d mm	Code	Weight kg
650	Reinforced polyamide PA FV (black)	12	653802	0,19
		14	653812	
		16	653822	

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

Part. 650



■ Adjustable bracket



Part.	Material	Pin dia. d mm	Code	Weight kg
651	Reinforced polyamide PA FV (black)	12	653832	0,26
		14	653842	
		16	653852	

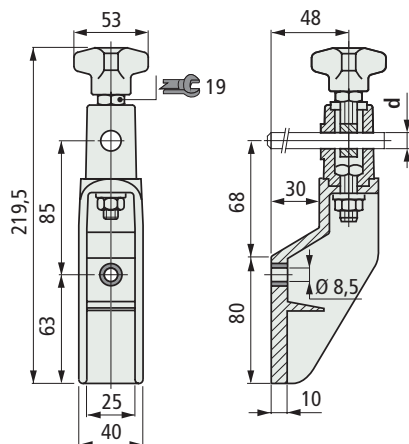
- Material : bracket and swivel head in reinforced polyamide (black), eyebolt in nickel plated brass, tightening screw in stainless steel AISI 304.
- Operation : by untightening the screw, the position of the top and the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging :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

Part. 651



Part. 652

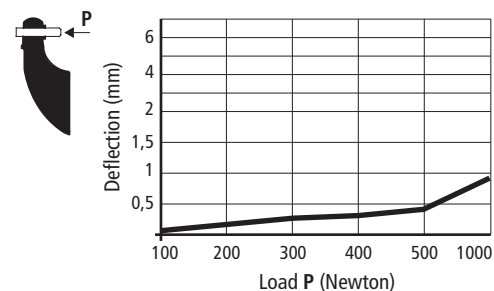
Adjustable bracket



Part.	Material	pin dia. d mm	Code	Weight kg
652	Reinforced polyamide PA FV (black)	12	653862	0,31
		14	653872	
		16	653882	

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

Deflection of Part. 652



Technical data Part. 652

- Sliding load resistance :

2000 N (with d = 12)
3000 N (with d = 14-16)

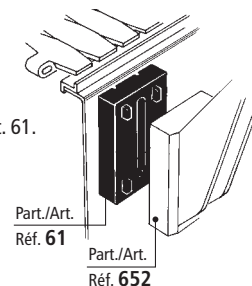
- Breaking load :

4000 N

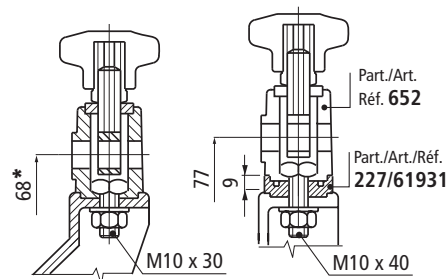
Tests performed at tightening torque : 4 Kgm

Accessories

Part. 652 permit application of 1 or more spacer Part. 61.

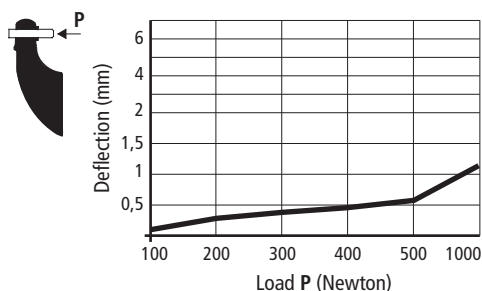


- Part. 652 permit application of spacer Part. 227. See page 5141.



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

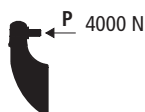
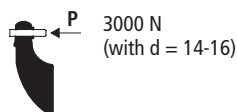
• Deflection of Part. 652 - 653



• Technical data Part. 653

- Sliding load resistance :

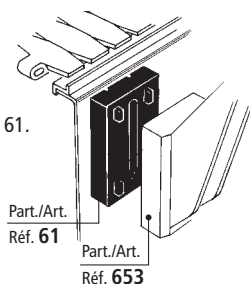
- Breaking load :



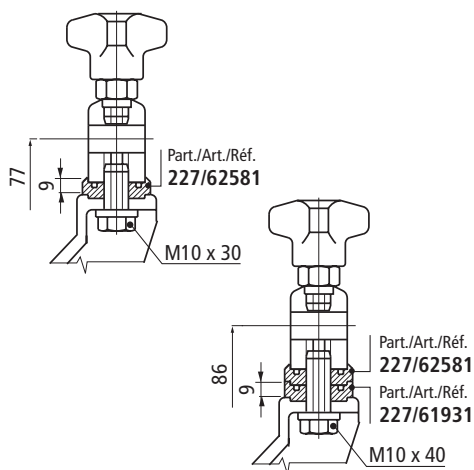
Tests performed at tightening torque : 4 Kgm

• Accessories

Part. 653
permit application
of 1 or more spacer Part. 61.



- Part. 653 permit application of spacer Part. 227.
See page S141.

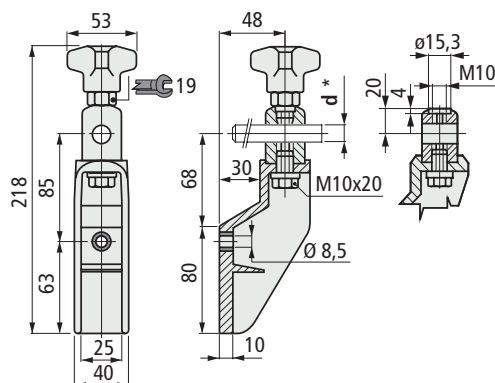


To use the spacer Part. 277 it is necessary a longer screw.

■ Adjustable bracket

With knob

Without knob



Part.	Pin dia. d *	Swivel head material	Code	Weight kg
• With knob				
653	14÷16	Stainless steel AISI 303	653892	0,41
		Nickel plated brass	653902	
• Without knob				
653	14÷16	Stainless steel AISI 303	653912	0,41
		Nickel plated brass	653922	

- * = The bracket can be used with dia. 14 and dia. 16 mm pins.
- Material : bracket and knob in reinforced Polyamide PA FV (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, tightening nuts/bolt in stainless steel AISI 304.
- Operation : by untightening the bolt, the position of the top can be adjusted. By untightening the knob, the position of the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 50 pieces.

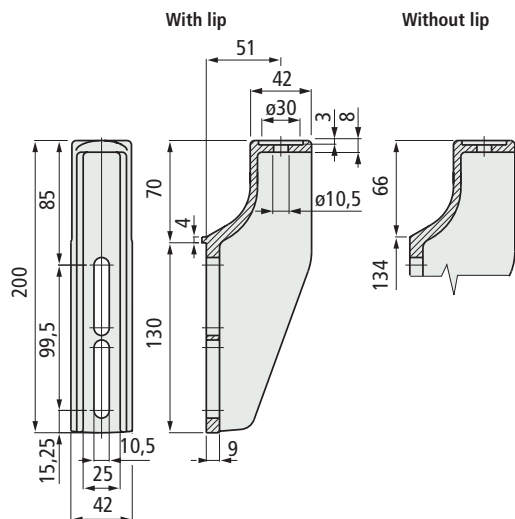
Part. 653



Stainless steel and brass
swivel head

Part. 540

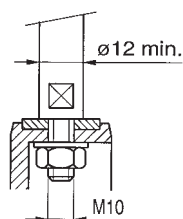
Adjustable bracket



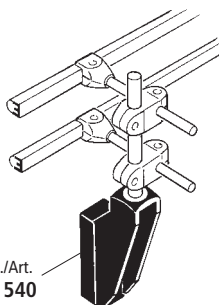
Part.	Version	Code	Weight kg
540	With lip	683551	0,15
	Without lip	683541	

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

Pin dimensions for Part. 540

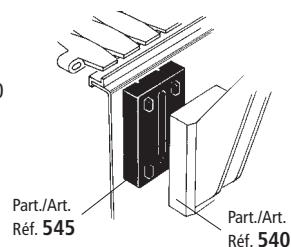


Assembly of Part. 540



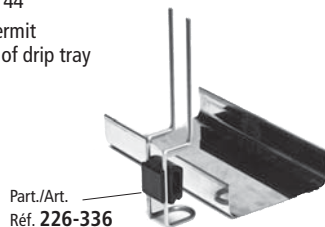
Accessories

Spacer Part. 545, see page S143.
Applicable to Part. 540

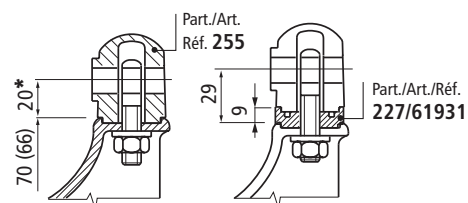


Assembly of drip tray support Part. 226-336, see page S144

Part. 540 permit application of drip tray support

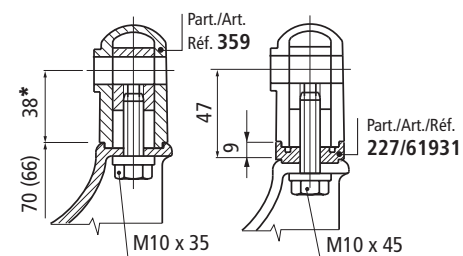


Assembly with swivel head Part. 255



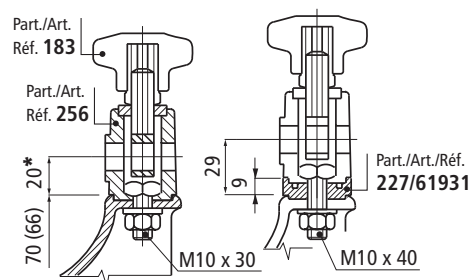
* = To increase the height (by 9 mm) use 1 spacer Part. 227 code 61931. The length of the thread allows for only 1 spacer.

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.

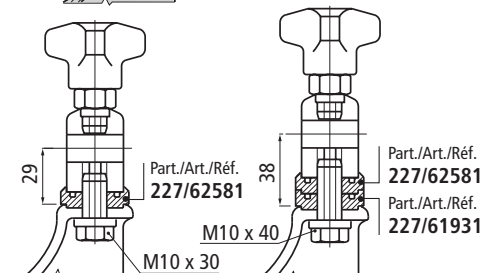
Assembly with swivel head Part. 256



* = 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

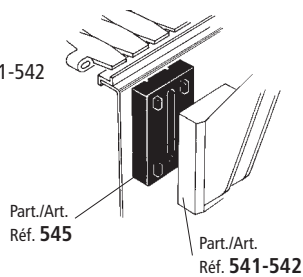
Part./Art. Réf.	H mm	Head code Part. 192
185	20	53091-60933 see page S141
192	37	See heads page S149
	57	
	87	
	127	



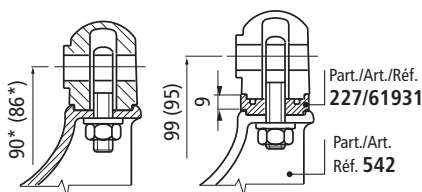
To use the spacer Part. 277 it is necessary a longer screw.

Accessories

Spacer Part. 545,
see page S143.
Applicable to Part. 541-542

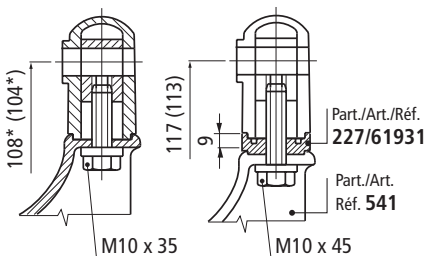


- Part. 542 permit application of spacer Part. 227.
See page S141.



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

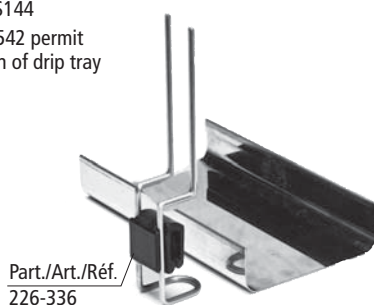
- Part. 541 permit application of spacer Part. 227.
See page S141.



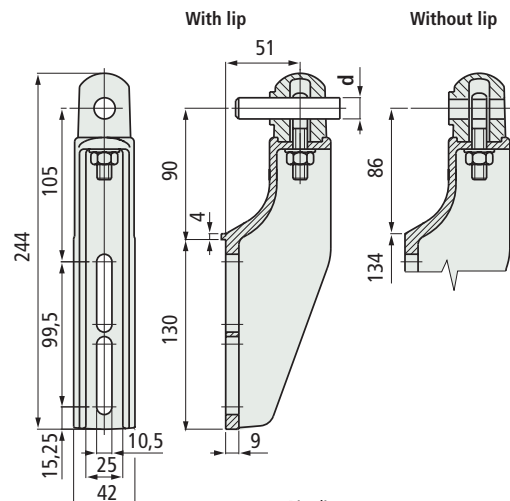
* = To increase the height (by 9 mm) use 1 or more spacer
Part. 227 code 61931.
To use the spacer it is necessary a longer screw.

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

Part. 541-542 permit
application of drip tray
support.



Adjustable bracket



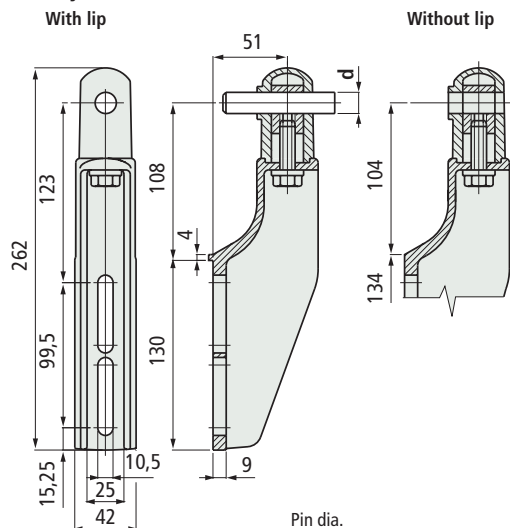
Part.	Version	Pin dia. d mm	Code	Weight kg
542	With lip	12	683611	0,15
		14	683621	
		16	683631	
	Without lip	12	683581	
		14	683591	
		16	683601	

- Material : bracket and swivel head in reinforced polyamide (black), tightening nut and eyebolt in stainless steel AISI 304.
- Operation : by untightening the nut, the position of the top and the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

Part. 542



Adjustable bracket



Part.	Version	Pin dia. d mm	Code	Weight kg
541	With lip	12	689031	0,15
		14	689051	
		16	683571	
	Without lip	12	689021	
		14	689041	
		16	683561	

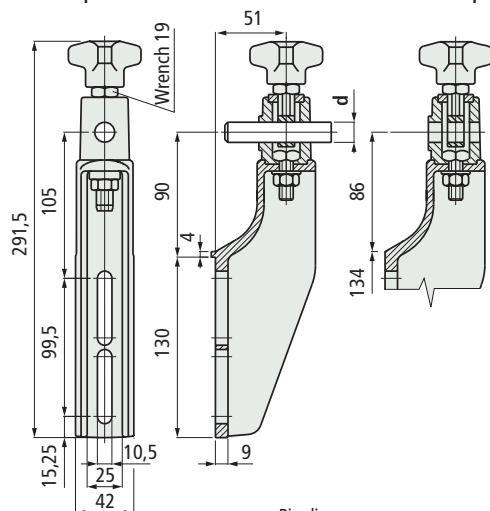
- Material : bracket and swivel head in reinforced polyamide (black), eyebolt in nickel plated brass, tightening screw in stainless steel AISI 304.
- Operation : by untightening the screw, the position of the top and the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

Part. 541



Part. 544

Adjustable bracket With lip

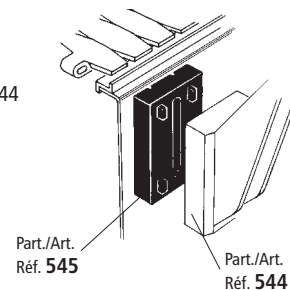


Part.	Version	Pin dia. d mm	Code	Weight kg
544	With lip	12	683731	0,15
		14	683741	
		16	683751	
	Without lip	12	683701	
		14	683711	
		16	683721	

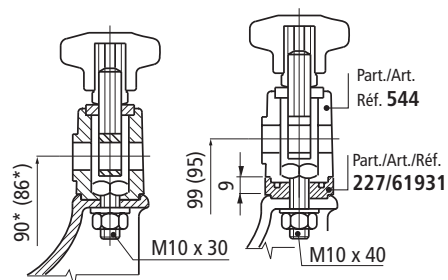
- Material : bracket, swivel head and knob in reinforced polyamide (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, eyebolt and tightening nuts/bolt in stainless steel AISI 304.
- Operation : by untightening the bolt, the position of the top can be adjusted. By untightening the knob, the position of the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

Accessories

Spacer Part. 545,
see page S143.
Applicable to Part. 544



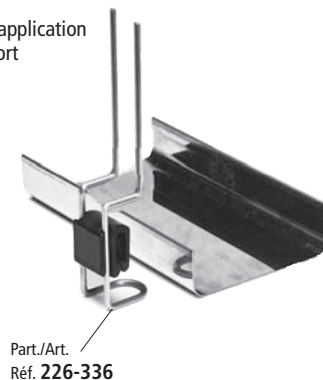
- Part. 544 permit application of spacer Part. 227.
See page S141.



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

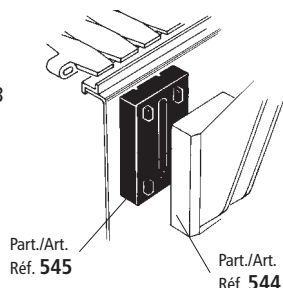
- Assembly of drip tray support Part. 226-336,
see page S144

Part. 544 permit application
of drip tray support

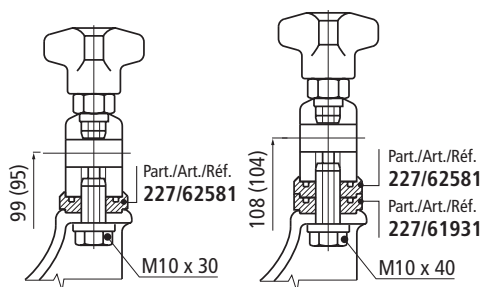


Accessories

Spacer Part. 545,
see page S143.
Applicable to Part. 543

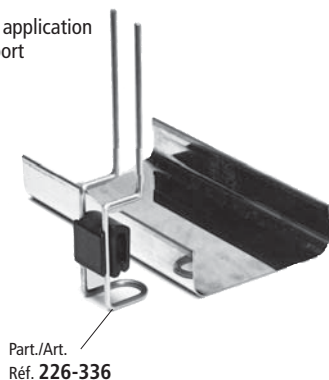


- Part. 543 permit application of spacer Part. 227.
See page S141.



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

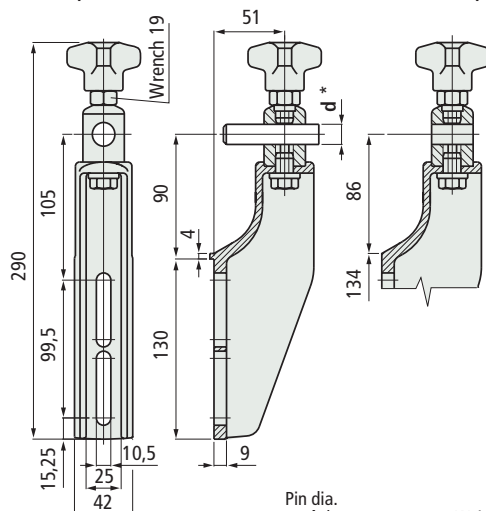
- Assembly of drip tray support Part. 226-336,
see page S144
Part. 543 permit application
of drip tray support



Adjustable bracket

With lip

Without lip



Part. Swivel head material Pin dia. d* mm Code Weight kg

With lip

543	Stainless steel AISI 303	14÷16	683671	0,15
	Nickel plated brass		683691	

Without lip

543	Stainless steel AISI 303	14÷16	683641	0,15
	Nickel plated brass		683661	

* = The bracket can be used with dia. 14 and dia. 16 mm pins.

- Material : bracket and knob in reinforced polyamide PA FV (black), hexagonal insert (for 19 mm wrench) in nickel plated brass, tightening nuts/bolt in stainless steel AISI 304.
- Operation : by untightening the bolt, the position of the top can be adjusted. By untightening the knob, the position of the pin can be adjusted.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 25 pieces.

Part. 543



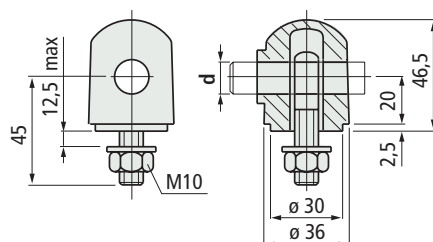
Stainless steel and brass
swivel head

Accessories

Part. 255



■ Swivel head



Part.	Material	Pin dia. d mm	Code	Weight kg
255	Reinforced polyamide PA FV (black)	12	69670	0,08
		14	69680	
		16	59041	

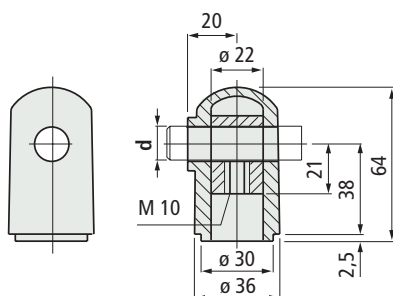
- Material : tightening nut and eyebolt in stainless steel AISI 304.

- Packaging : 50 pieces.

Part. 359



■ Swivel head



Part.	Material	Pin dia. d mm	Code	Weight kg
359	Reinforced polyamide PA FV (black)	12	684501	0,10
		14	684511	
		16	64235	

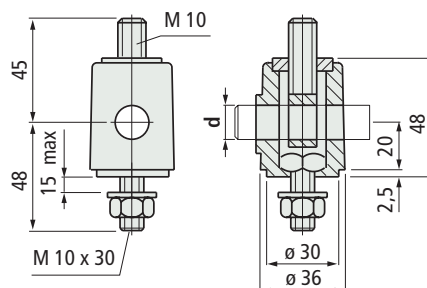
- Material : eyebolt in nickel plated brass.

- Packaging : 50 pieces.

Part. 256



■ Swivel head



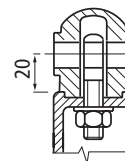
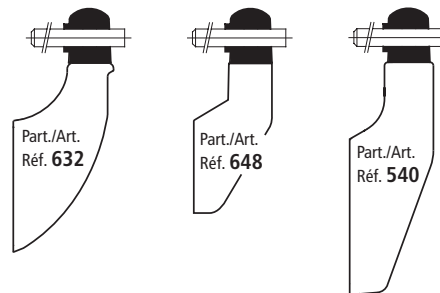
Part.	Material	Pin dia. d mm	Code	Weight kg
256	Reinforced polyamide PA FV (black)	12	64561	0,12
		14	64571	
		16	64581	

- Material : tightening nut and eyebolt in stainless steel AISI 304.

- Packaging : 50 pieces.

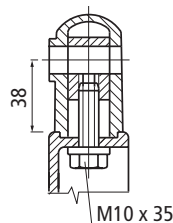
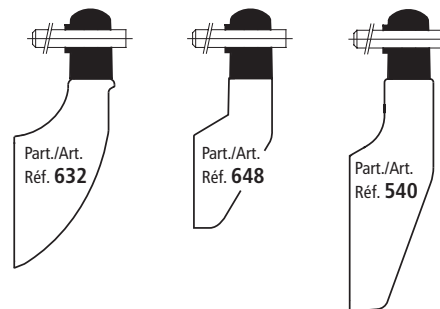
• Assembly of Part. 255

Applicable to brackets Part. 632-648-540



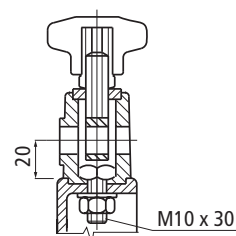
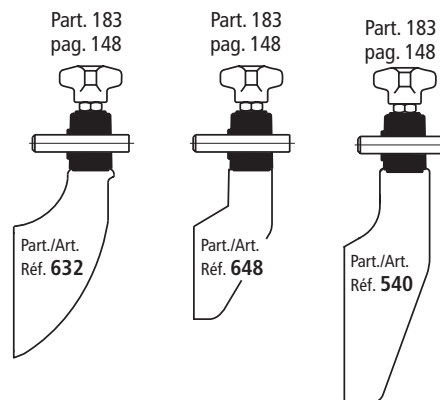
• Assembly of Part. 359

Applicable to brackets Part. 632-648-540

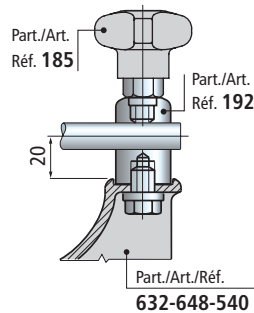


• Assembly of Part. 256

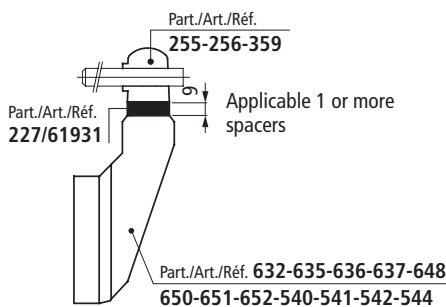
Applicable to brackets Part. 632-648-540
(in combination with knob Part. 183).



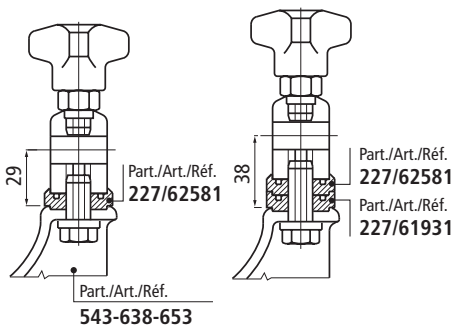
- **Assembly of Part. 192**
Applicable to brackets Part. 632-648-540
(in combination with knob Part. 185).



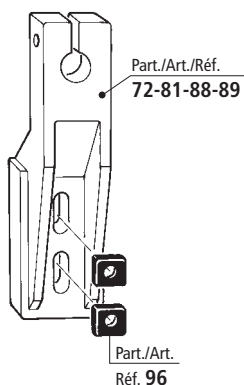
- **Assembly of Part. 227 code 61931**
- Applicable to adjustable brackets.



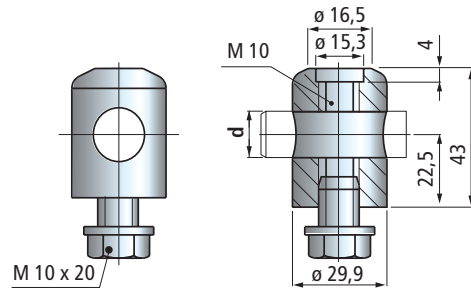
- **Assembly of Part. 227 code 62581**
- Applicable only to adjustable brackets Part. 543-638-653 (version with metal head).



- **Assembly of Part. 96**
Applicable to Part. 72-81-88-89 distributes force from tightening over larger area.



Swivel head



Part.	Pin dia. d mm	Material	Code	Weight kg
192	12 (1/2")	Stainless steel AISI 304	608683•	0,19
	14÷16 *	Stainless steel AISI 304	53091	
		Nickel plated brass	60933	

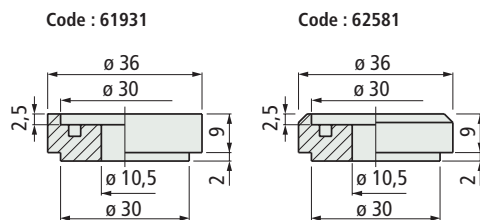
• = New Product

* = 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

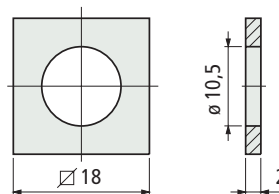


Part.	Use	Code	Weight kg
227	Applicable to any adjustable brackets	61931	0,01
	Applicable only to adjustable brackets Part. 543-638-653 (version with metal head).	62581	

- 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

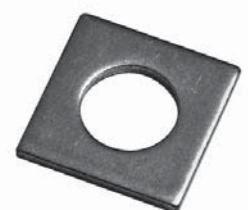


In stainless steel and brass

Part. 227



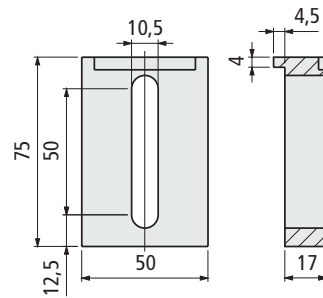
Part. 96



Part. 61



■ Spacer With lip



Without lip



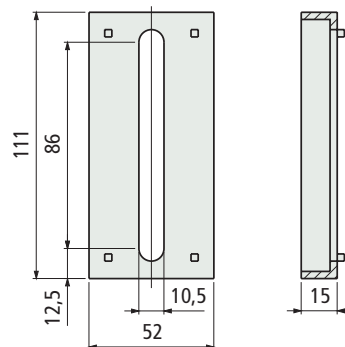
Part.	Version	Code	Weight kg
61	With lip	66194N	0,04
	Without lip	50870N	

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

Part. 142



■ Spacer

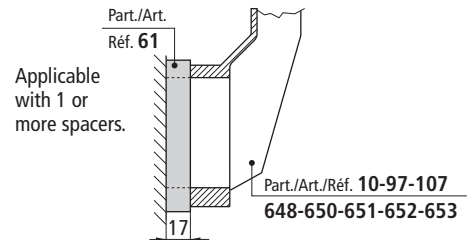


Part.	Code	Weight kg
142	65870	0,06

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

• Assembly of Part. 61

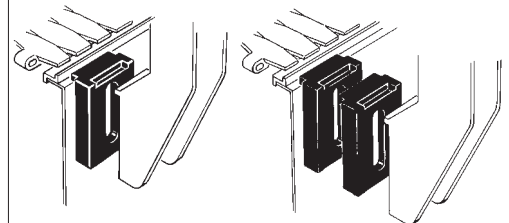
Applicable to Part. 10-97-107-648-650-651-652-653.



Advantages of version with lip :

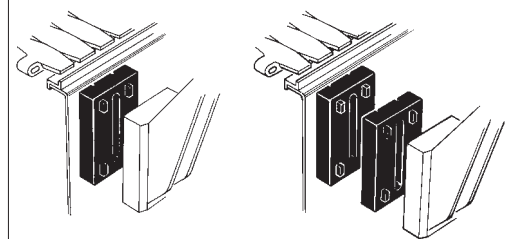
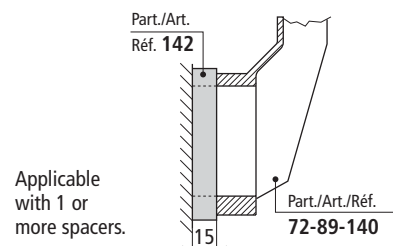
Possibility of resting on side of conveyor frame.

Possibility of assembling several spacers, all centred.



• Assembly of Part. 142

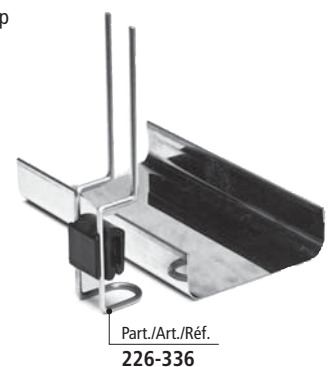
Applicable to Part. 72-89-140.



• Assembly of drip tray support

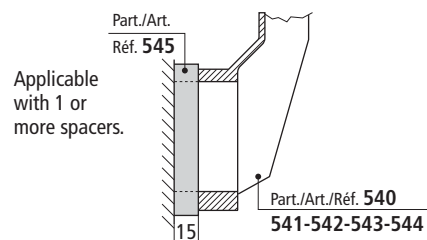
Part. 226-336, see pag. S144

Part. 61-142 permit application of drip tray support



• Assembly of Part. 545

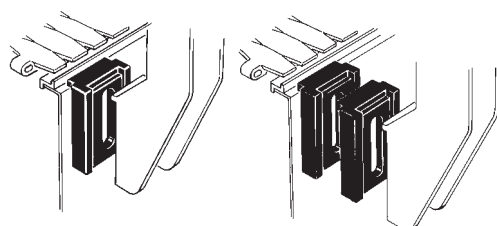
Applicable to Part. 540-541-542-543-544.



Advantages of version with lip :

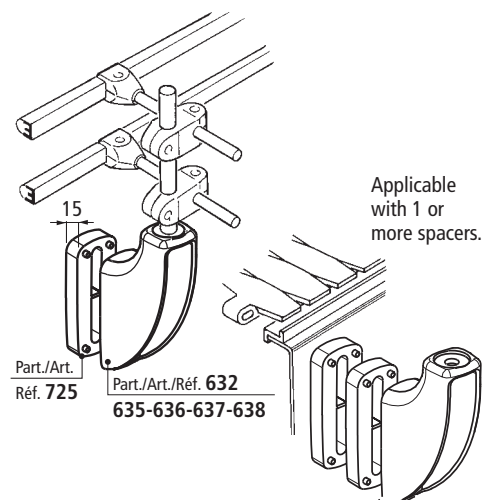
Possibility of resting on side of conveyor frame.

Possibility of assembling several spacers, all centred.



• Assembly of Part. 725

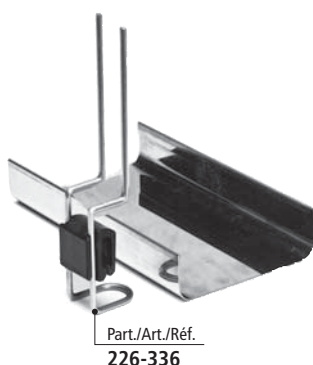
Applicable to Part. 632-635-636-637-638.



• Assembly of drip tray support

Part. 226-336, see pag. S144

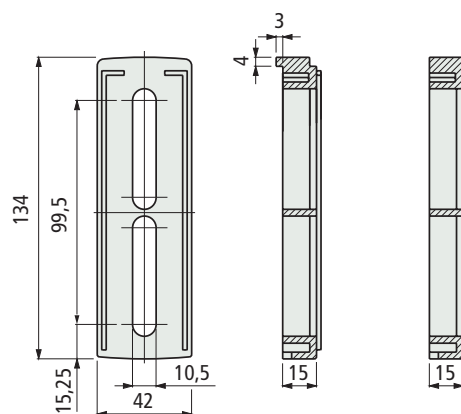
Part. 725 permit application of drip tray support



■ Spacer

With lip

Without lip



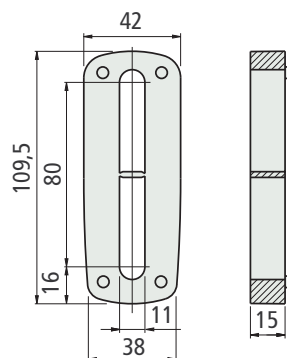
Part.	Version	Code	Weight kg
545	With lip	683771	0,04
	Without lip	683761	

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

Part. 545



■ Spacer



Part.	Code	Weight Kg
725	688762	0,05

- Material : reinforced polyamide PA FV (black).
- Packaging : 25 pieces.

Part. 725



New Product

Accessories

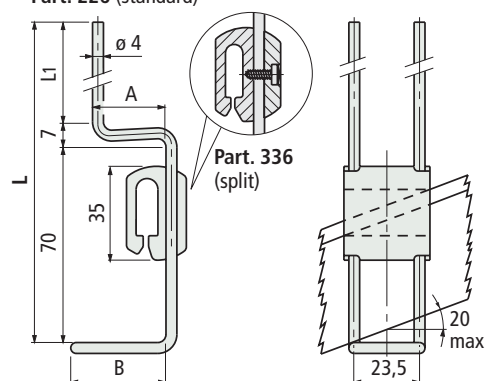
Part. 226-336



Bent rod

Drip tray support

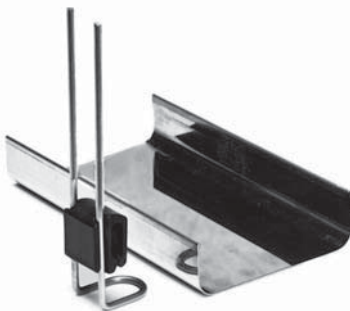
Part. 226 (standard)



Height L mm	L1 mm	A mm	B mm	Code		Weight kg
				Part. 226 Standard	Part. 336 Split	
180	103	14	35	67305N	697761N	0,06
		17	35	66772N	66823N	
		27	35	62071N	60574N*	
		27	50	67319N	697771N	
		57	50	641461N*	697781N*	
200	123	38	35	64681N*	697791N*	
230	153	27	35	64631N	697801N	
310	233	18	35	647551N	68299N	

- Material : body in reinforced polypropylene PP FV (black), support element in stainless steel AISI 304, self-tapping screw (only for Part. 336) in stainless steel.
- Packaging : 100 pieces.

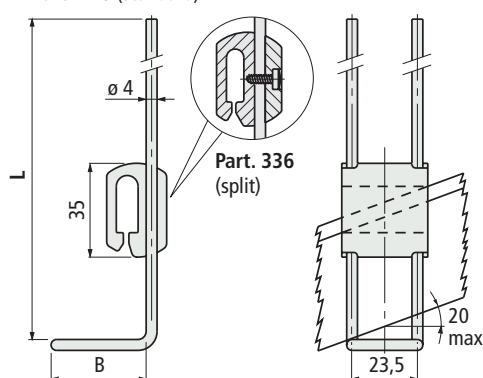
Part. 226-336



Straight rod

Drip tray support

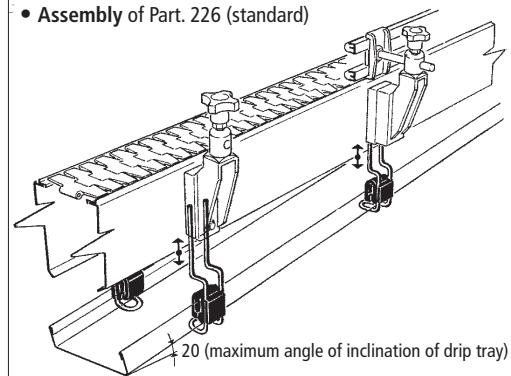
Part. 226 (standard)



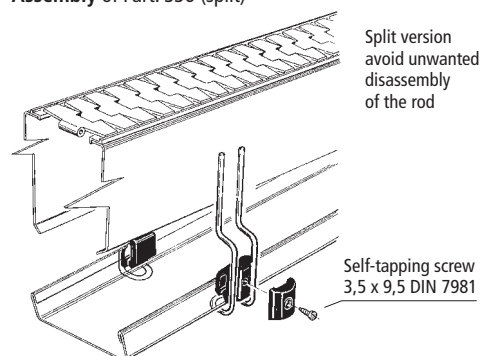
Height L mm	B mm	Code		Weight kg
		Part. 226 Standard	Part. 336 Split	
200	35	61767	697811	0,06

- Material : body in reinforced polypropylene PP FV (black), support element in stainless steel AISI 304, self-tapping screw (only for Part. 336) in stainless steel.
- Packaging : 100 pieces.

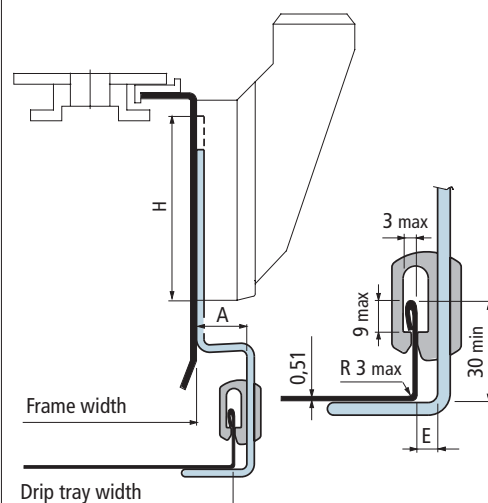
Assembly of Part. 226 (standard)



Assembly of Part. 336 (split)



Drip tray design



Drip tray width = Frame width + 2 • (A - E)

A = see table with codes

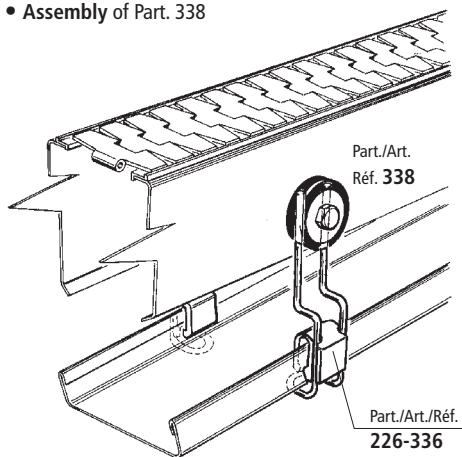
E = 10 mm for Part. 226 (standard)
9,2 mm for Part. 336 (split)

Bracket Part.	Rod slot length H mm
81-88	70
72-89	102,5
85	53
10-97	71
107	72
599	104
140	106
617	95
632-635-636-637-638	103,5
540-541-542-543-544	123

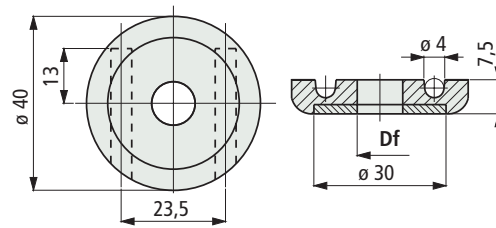
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Part. 338

• Assembly of Part. 338



■ Mounting plate



Part.	bore dia. Df mm	Code	Weight kg
338	9 10,5	67563 67325	0,20

- Material : plate in reinforced polyamide (black), washer in stainless steel AISI 304.
- Packaging : 100 pieces.

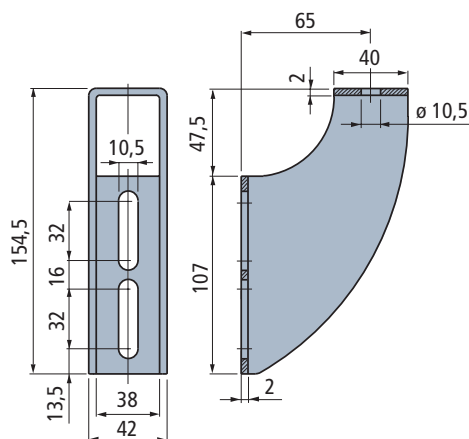


Part. 678



*New
Product*

Adjustable bracket



Part.	Code	Weight kg
678	684292	0,32

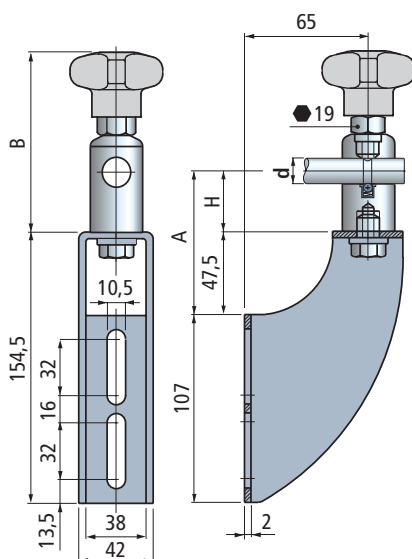
- Material : stainless steel AISI 304.
- Packaging : 6 pieces.

Part. 679



*New
Product*

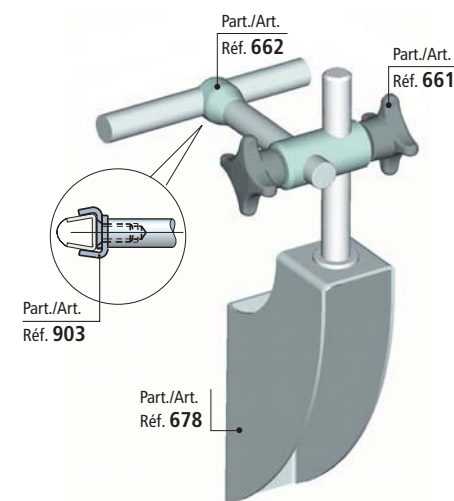
Adjustable bracket



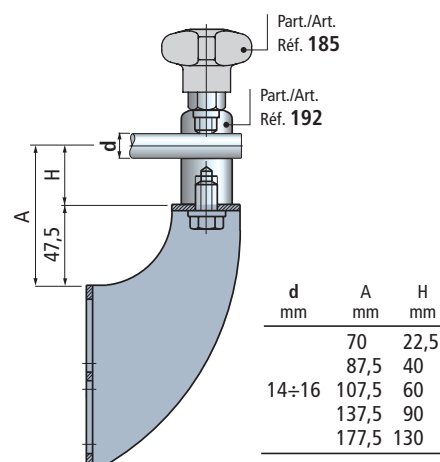
Part.	Pin dia. d mm	A mm	H mm	Code	B mm	Weight kg
Without positioner						
679	14÷16	70	22,5	684302	89	0,60
		87,5	40	684312	106,5	0,70
		107,5	60	684322	126,5	0,81
		137,5	90	684332	156,5	0,97
		177,5	130	684342	196,5	1,20
With positioner						
679	16 *	87,5	40	685072	106,5	0,70
		107,5	60	685082	126,5	0,81
		137,5	90	685092	156,5	0,97
		177,5	130	685102	196,5	1,20

- * = Version with positioner can be used only with dia. 16 mm pins.
- Material : bracket in stainless steel AISI 304. Swivel head in stainless steel AISI 303. Knob in reinforced polypropylene PP FV (grey). Hexagonal insert (for 19 mm wrench) and bolts in stainless steel AISI 304.
- Max recommended tightening torque : 4 Kgm.
- Packaging : 6 pieces.

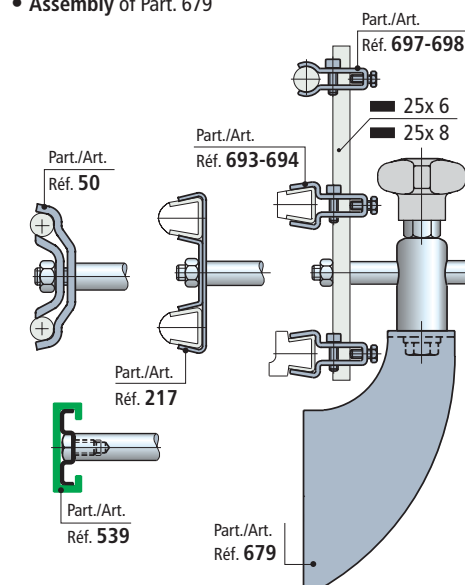
Assembly of Part. 678



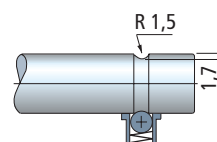
Accessories for Part. 678



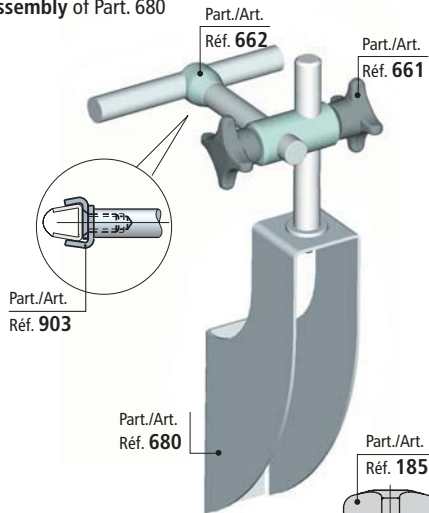
Assembly of Part. 679



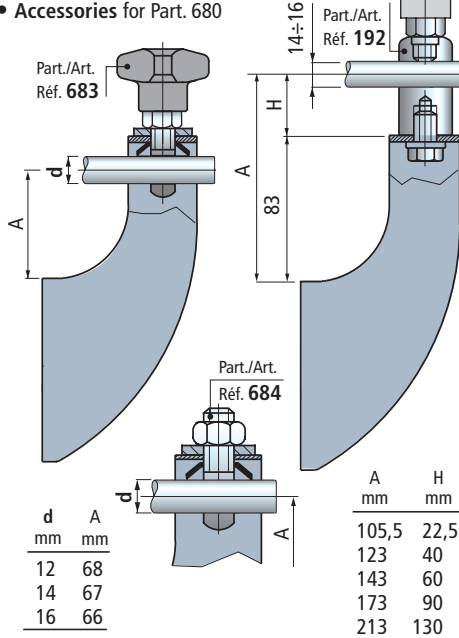
Pin dimension for positioner



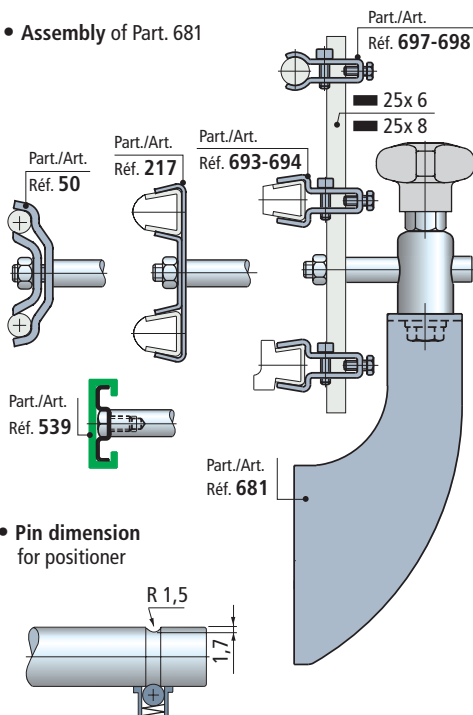
• Assembly of Part. 680



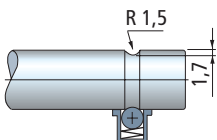
• Accessories for Part. 680



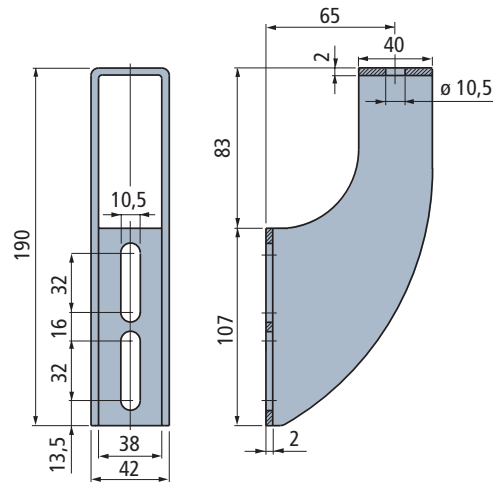
• Assembly of Part. 681



• Pin dimension for positioner



■ Adjustable bracket



Part.	Code	Weight kg
680	684352	0,36

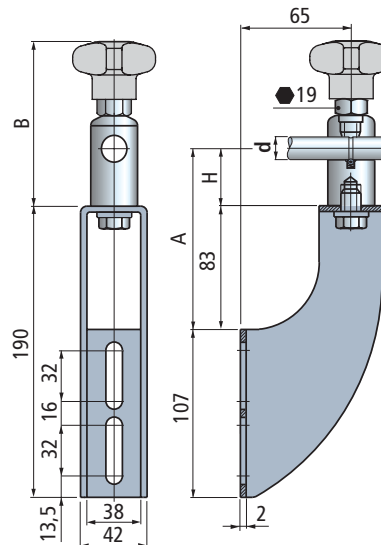
- Material : stainless steel AISI 304.
- Packaging : 6 pieces.

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



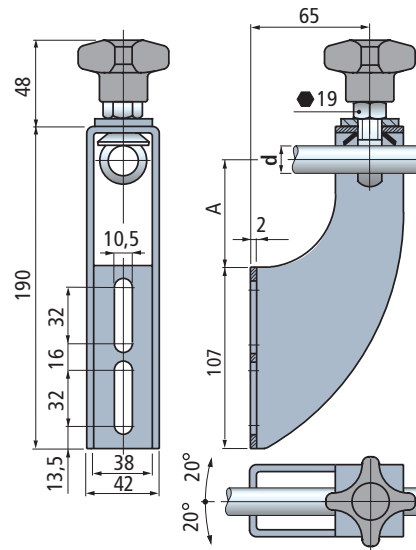
New Product

Part. 682



New Product

Adjustable brackets



Part.	Pin dia. d mm	A mm	Code	Weight kg
682	12	68	684412	0,46
	14	67	684422	
	16	66	684432	

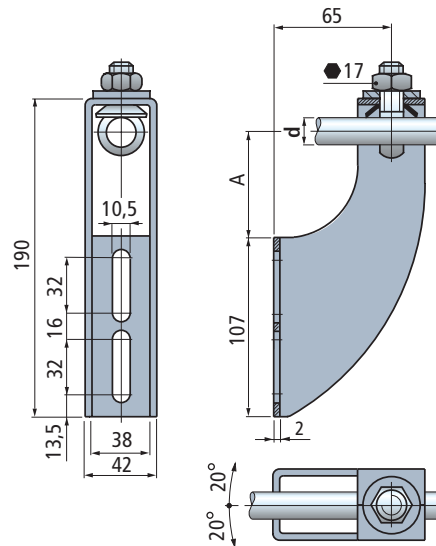
- Material : bracket, tightening nut, washer and eyebolt in stainless steel AISI 304. Knob in reinforced polypropylene PP FV (grey). Hexagonal insert (for 19 mm wrench) in stainless steel AISI 303.
- Packaging : 6 pieces.

Part. 677



New Product

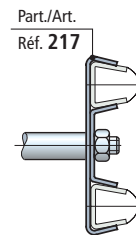
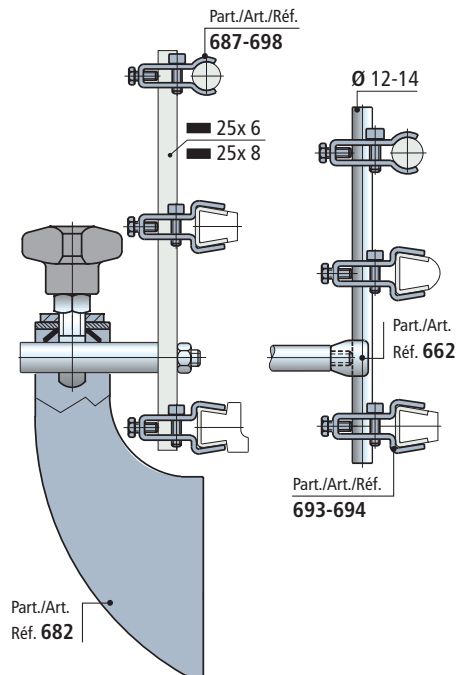
Adjustable brackets



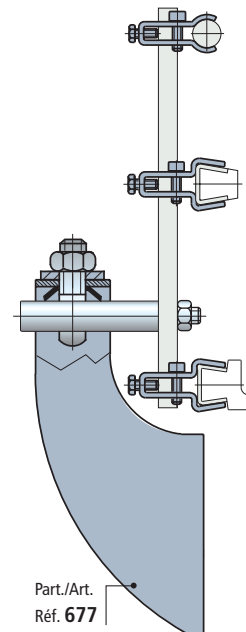
Part.	Pin dia. d mm	A mm	Code	Weight kg
677	12	68	684262	0,42
	14	67	684272	
	16	66	684282	

- Material : bracket, tightening nut, washer and eyebolt in stainless steel AISI 304.
- Packaging : 6 pieces.

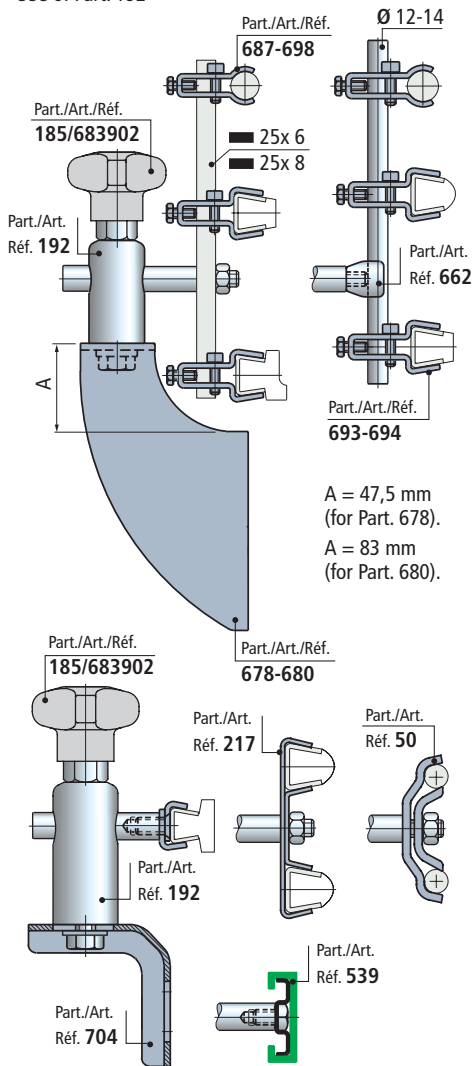
Use of Part. 682



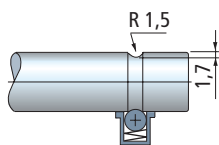
Use of Part. 677



• Use of Part. 192

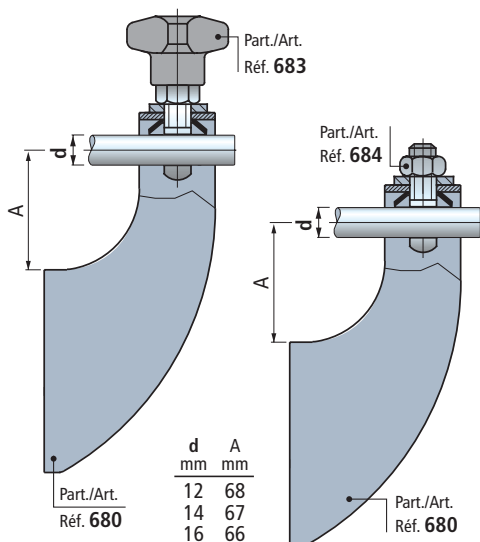


• Pin dimension for positioner



• Use of Part. 683-684

In combination with brackets Part. 680.



■ Swivel heads

With single bore

With double bore

Part.	Pin dia. d mm	H mm	Code		Weight kg
			Without positioner	With positioner	
With single bore					
192	14÷16 *	22,5	685842	—	0,19
		40	674012	673962	0,29
		60	674022	673972	0,40
		90	674032	673982	0,56
		130	674042	673992	0,79
With double bore					
192	14÷16 *	90	674052	674002	0,52

* = version with positioner can be used only with dia. 16 mm pins.

- Material : swivel head in stainless steel AISI 303.

- Tightening bolt in stainless steel AISI 304.

- Packaging : 10 pieces.

■ Eyebolt (with knob)

Part.	Pin dia. d mm	Code	H mm	Weight kg
683	12	684442	13	0,10
	14	684452	14	
	16	684462	15	

- Material : eyebolt and washer in stainless steel AISI 304.

- Knob in reinforced polypropylene PP FV (grey). Hexagonal insert (for 19 mm wrench) in stainless steel AISI 303.

- Packaging : 6 pieces.

■ Eyebolt (with nut)

Part.	Pin dia. d mm	Code	H mm	Weight kg
684	12	684472	13	0,06
	14	684482	14	
	16	684492	15	

- Material : eyebolt, tightening nut and washer in stainless steel AISI 304.

- Packaging : 6 pieces.

Part. 192



New Product

Part. 683



New Product

Part. 684



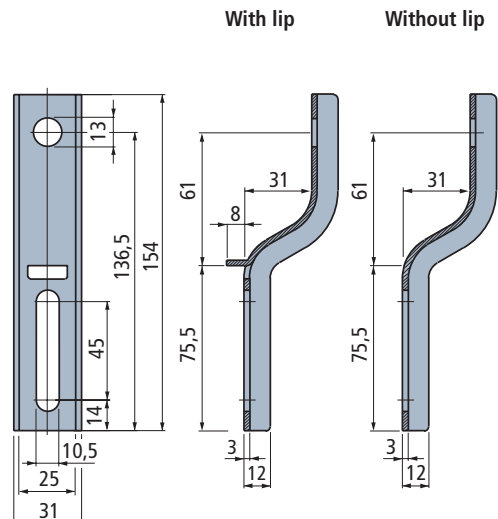
New Product

Part. 705



New Product

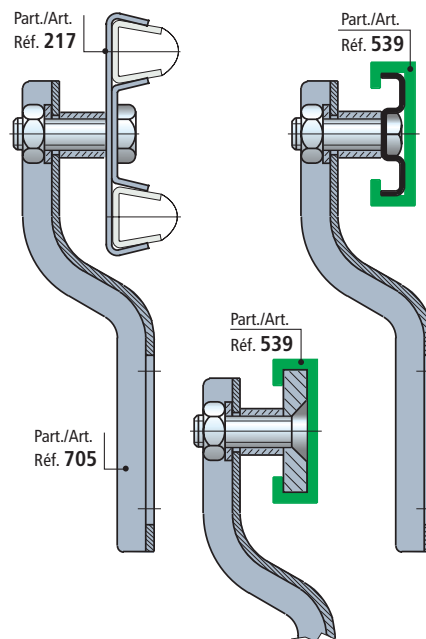
Bracket



Part.	Version	Code	Weight kg
705	With lip	684902	0,17
	Without lip	684912	

- Material : stainless steel AISI 304.
- Packaging : 16 pieces.

• Use of Part. 705

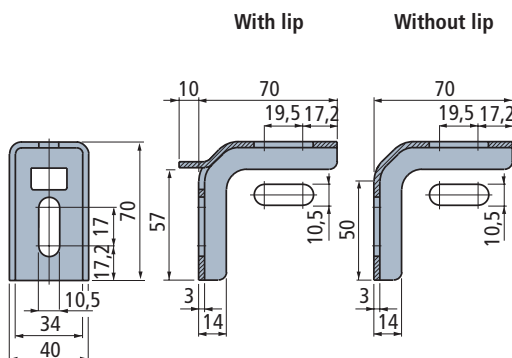


Part. 704



New Product

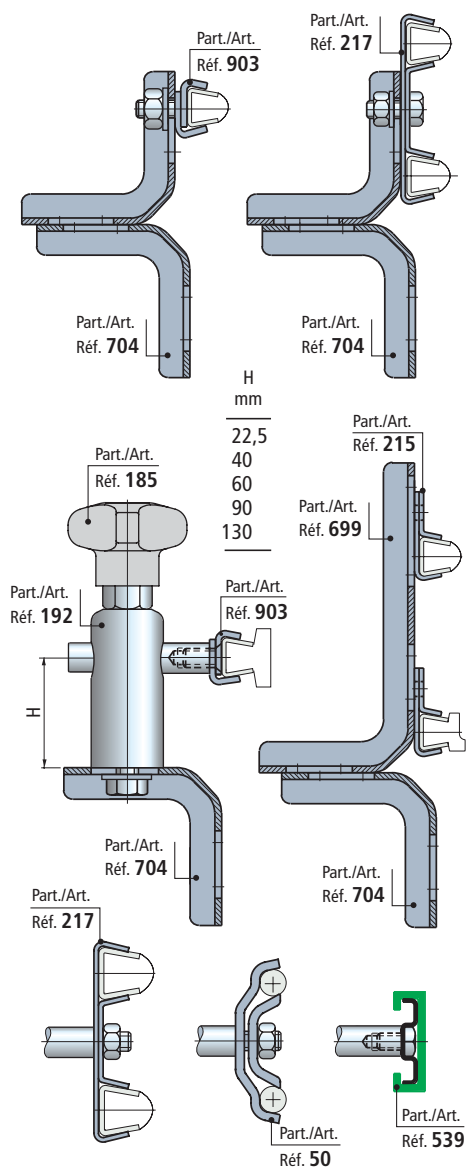
Bracket



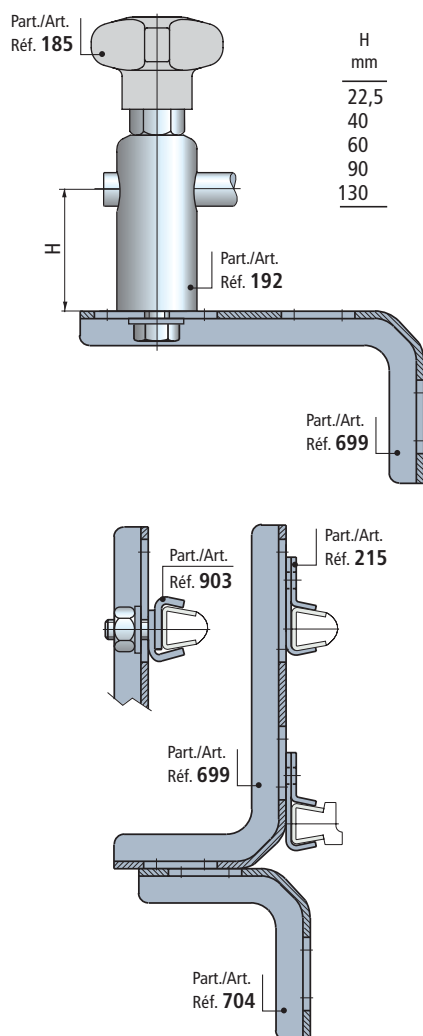
Part.	Version	Code	Weight kg
704	With lip	684882	0,15
	Without lip	684892	

- Material : stainless steel AISI 304.
- Packaging : 16 pieces.

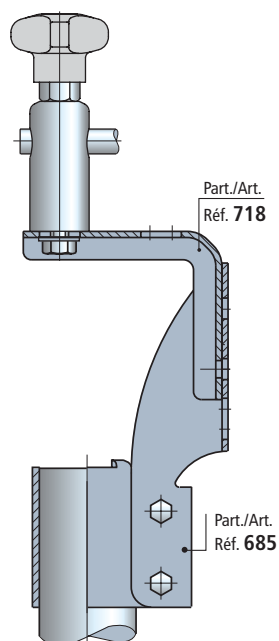
• Use of Part. 704



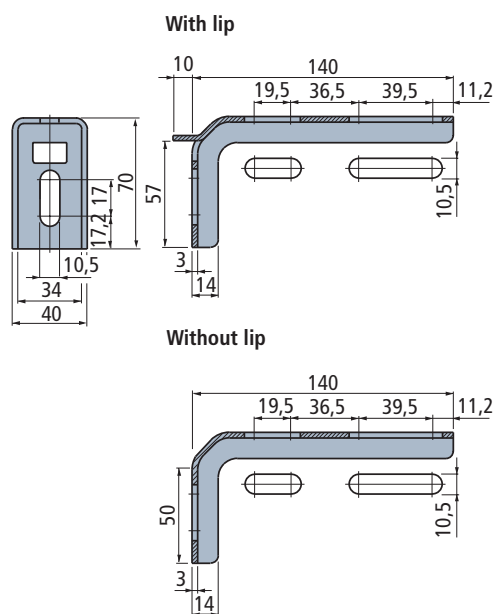
• Use of Part. 699



• Use of Part. 718



■ Bracket



Part.	Version	Code	Weight kg
699	With lip	684862	0,23
	Without lip	684872	

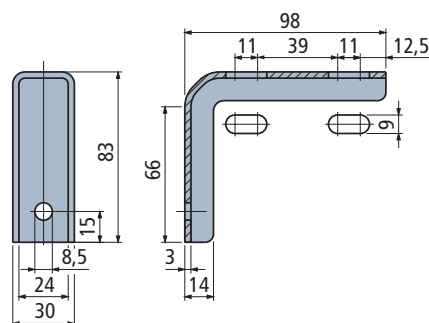
- Material : stainless steel AISI 304.
- Packaging : 16 pieces.

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



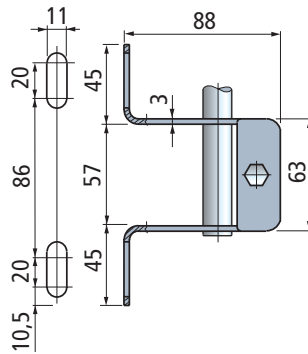
New Product



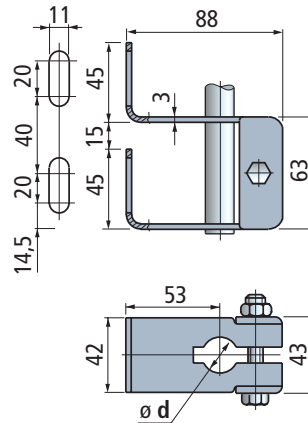
New Product

Side bracket

Standard version



Compact version



Part.	Pin dia. d mm	Code		Weight kg
		Standard version	Compact version	
692	15	686272	684622	0,33
	16	686282	684632	
	18	686292	684642	
	20	686302	684652	

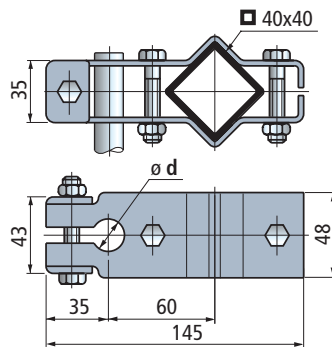
- Material : bracket and bolt in stainless steel AISI 304.
- Packaging : 8 pieces.

Part. 691



New Product

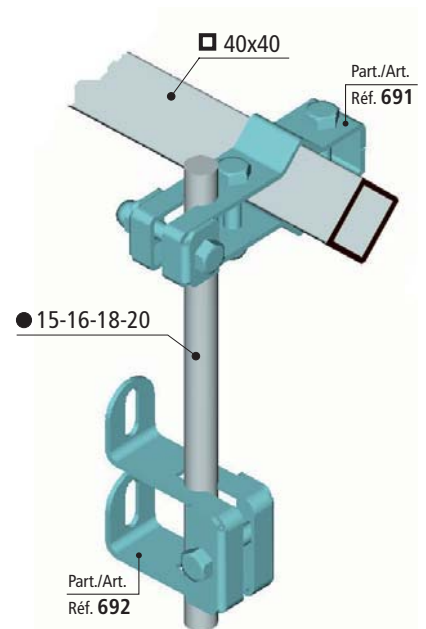
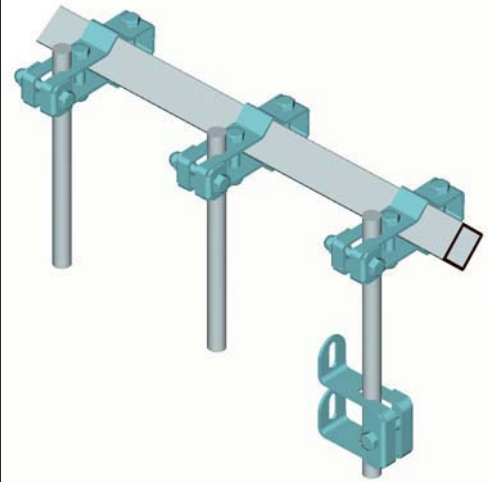
Cross clamp



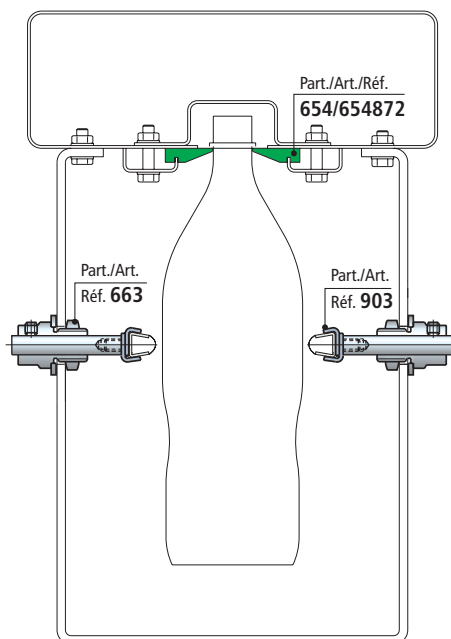
Part.	Square tube mm	Pin dia. d mm	Code	Weight kg
691	40x40	15	684582	0,52
		16	684592	
		18	684602	
		20	684612	

- Material : clamp and bolt in stainless steel AISI 304.
- Packaging : 8 pieces.

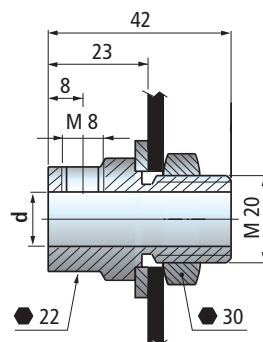
Use of Part. 692



• Use of Part. 663



■ Locking clamp for round steel rod



Part.	Pin dia. d mm	Code	Weight kg
663	12	669572	0,13

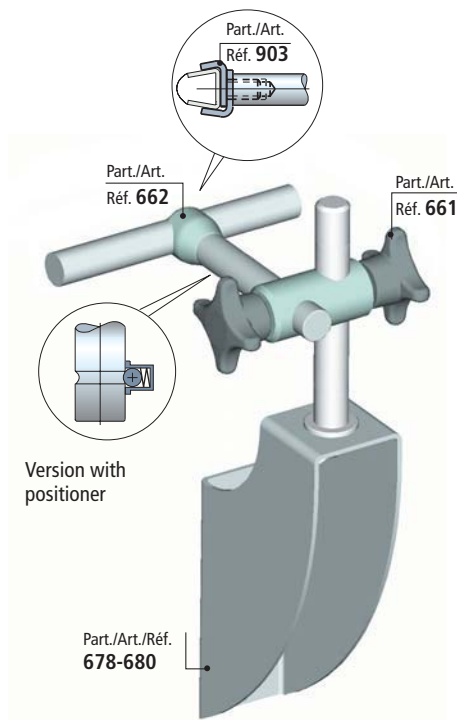
- Material : clamp in stainless steel AISI 303. Nut and washer in stainless steel AISI 304.
- Packaging : 50 pieces.

Part. **663**



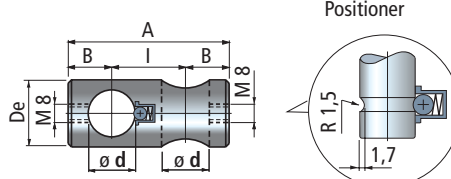
New Product

• Use of Part. 661

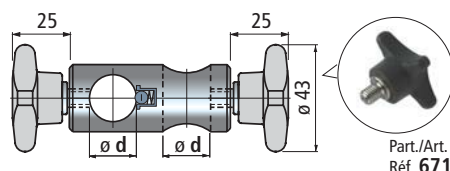


■ Cross clamp

Version without knobs



Version with knobs



Part.	Pin dia. d mm	Code		I mm	A mm	B mm	Dia. De mm	Weight Kg
		Without positioner	With positioner					
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
661	20	669162	—	24	56	16	28	0,13
	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
661	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.

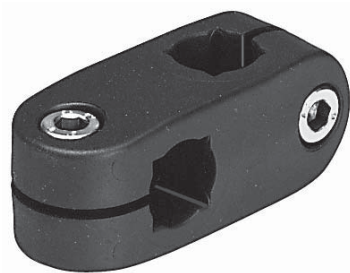
Part. **661**



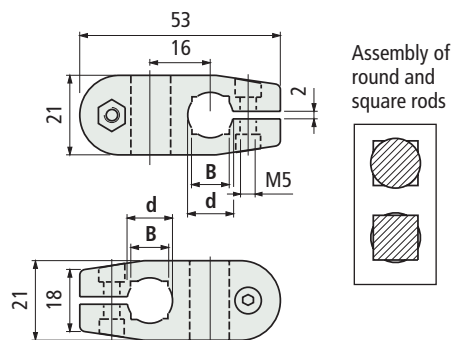
New Product

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

Part. 340



■ Cross clamp



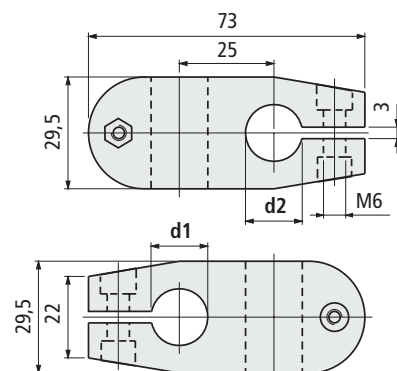
Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
340	Stainless steel AISI 304	10	8	68373	0,02
		12	10	68385	
		14	12	67375	
	Zinc plated steel	10	8	627031	
		12	10	627041	
		14	12	627051	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

Part. 174-174R



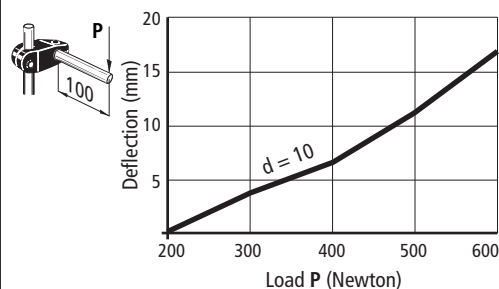
■ Cross clamp



Part.	Material	Rod dia. d1 mm	Rod dia. d2 mm	Code	Weight kg
174	Reinforced polyamide PA FV (black)	14	14	57941	0,07
			15	59291*	
			16	59301	
			18	59311	
		15	15	53791	
			16	59321*	
			18	59331	
			16	53781	
		18	18	59341	
			18	53771	
		20	20	652452	
174R	Reinforced polyamide PA FV special (black)	15	15	61887	0,07
		18	18	64997	

- Material : tightening bolt in stainless steel AISI 304.
- Max recommended tightening torque : 1 Kgm (Part. 174); 1,5 Kgm (Part. 174 R).
- Packaging : 50 pieces.

• Deflection of Part. 340

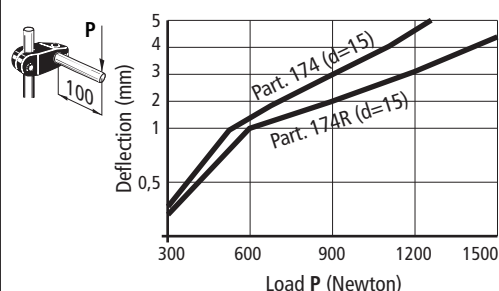


• Technical data Part. 340

- sliding load : 1200 N
- rotation load : 5 N/m

Tests performed at tightening torque : 0,5 Kgm

• Deflection of Part. 174-174R



• Technical data Part. 174

- sliding load : 2500 N (with d = 14-15-16)
2800 N (with d = 18)
- rotation load : 13 N/m

Tests performed at tightening torque : 1 Kgm

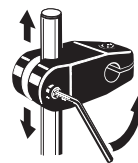
• Technical data Part. 174R

- sliding load : 3500 N
- rotation load : 25 N/m

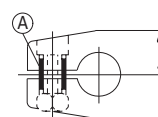
Tests performed at tightening torque : 1,5 Kgm

• Characteristics Part. 174R

It differs from Part. 174 in the use of a special material and a stiffening bush (spacer).

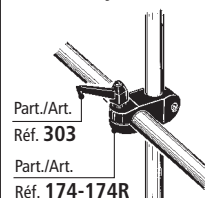


The increased elasticity of the material permits, once the bolts are untightened, the clamp to slide easily over the rod. Especially suitable for applications with frequent adjustment.



The spacers A (nickel plated brass) prevent breakage of clamp when bolts are tightened higher than max. recommended values. The resulting loads are absorbed by the spacers and not the body.

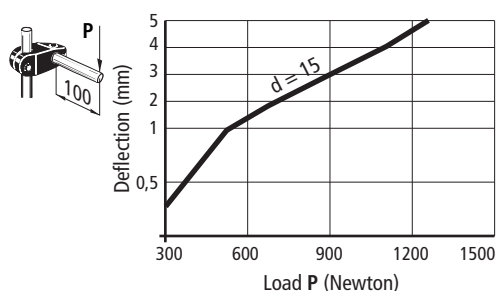
• Assembly of Part. 174-174 R with ratchet handle



Can be applied with the ratchet handle Part. 303 (code 60922), instead of the standard hardware, see page S189.

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

• Deflection of Part. 174Q

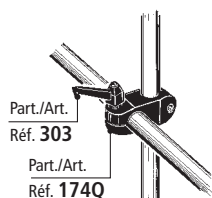


• Technical data Part. 174 Q

- sliding load : 2500 N (with d = 14-15-16)
2800 N (with d = 18)
- rotation load : 13 N/m

Tests performed at tightening torque : 1 Kgm

• Assembly of Part. 174 Q with ratchet handle

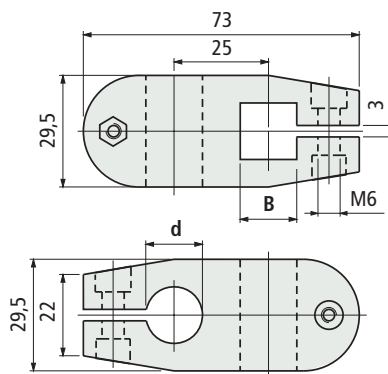


Can be applied with the ratchet handle Part. 303 (code 60922), instead of the standard hardware, see page S189.

• Use of Part. 732



■ Cross clamp



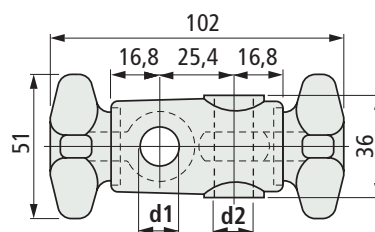
Part.	Square rod B mm	Rod dia. d mm	Code	Weight kg
174 Q	12	14	59351	0,07
		15	59361*	
		16	59371	
		18	59381	

- Material : clamp in reinforced polyamide PA FV (black), tightening bolt in stainless steel AISI 304, nuts in nickel plated brass.
- Max recommended tightening torque : 1 Kgm.
- Packaging : 50 pieces.

Part. 174Q



■ Cross clamp



Part.	Pin dia. d1		Pin dia. d2		Code	Weight kg
732	12	1/2"	12	1/2"	692352	0,13
	12	1/2"	16	5/8"	692362	
	16	5/8"	16	5/8"	692372	

- Material : clamp and knobs in reinforced polyamide PA FV (black). Eyebolts in stainless steel AISI 304.
- Max recommended tightening torque: 4 Kgm.
- Packaging : 50 pieces.

Part. 732



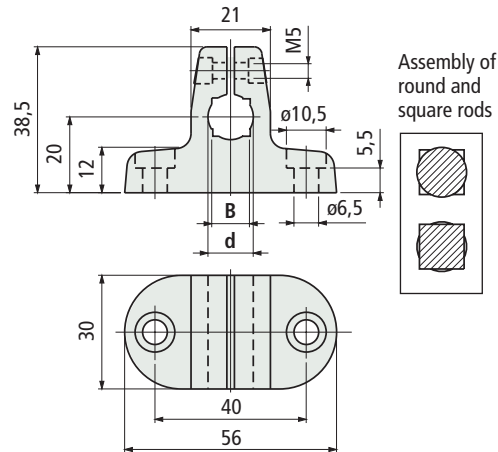
New Product

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

Part. 339



T-clamp



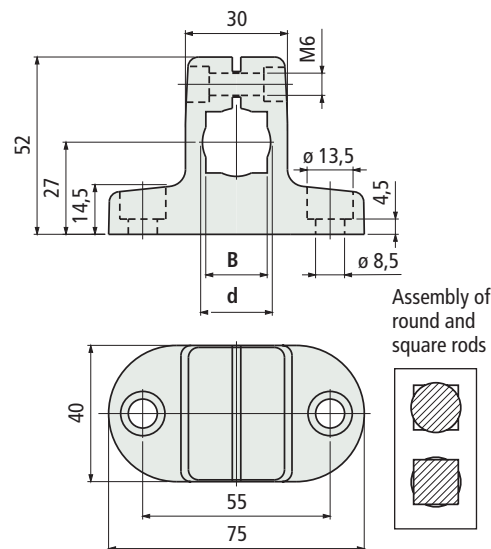
Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
339	Stainless steel AISI 304	10	8	68363	0,03
		12	10	68375	
		14	12	67365	
	Zinc plated steel	10	8	626001	
		12	10	627011	
		14	12	627021	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

Part. 595



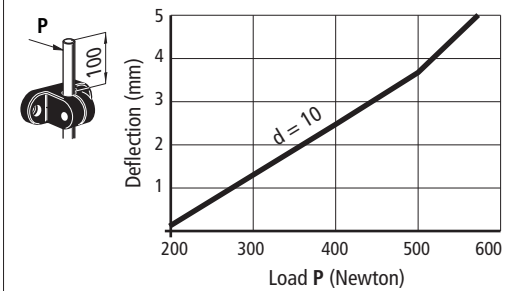
T clamp



Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
595	Stainless steel AISI 304	16	14	610432	0,07
		18	16	610442	
		20	18	610452	
	Zinc plated steel	16	14	610462	
		18	16	610472	
		20	18	610482	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 50 pieces.

Deflection of Part. 339



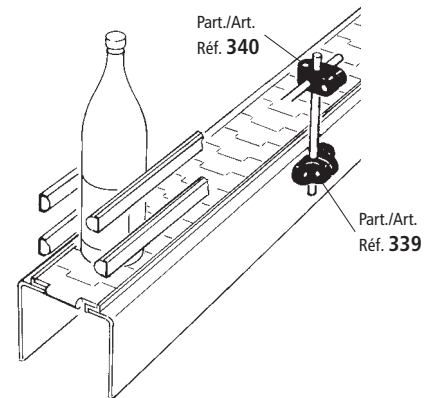
Technical data Part. 339

- sliding load : 650 N
- rotation load : 5 N/m

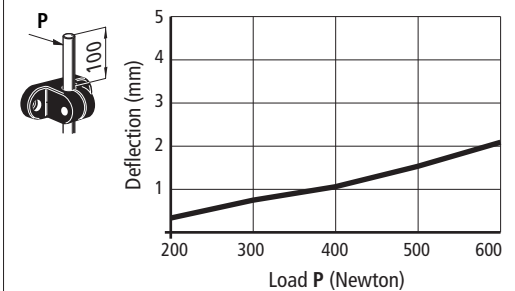
Tests performed at tightening torque : 0,5 Kgm

Assembly of Part. 339

Can be used in combination with Part. 340



Deflection Part. 595



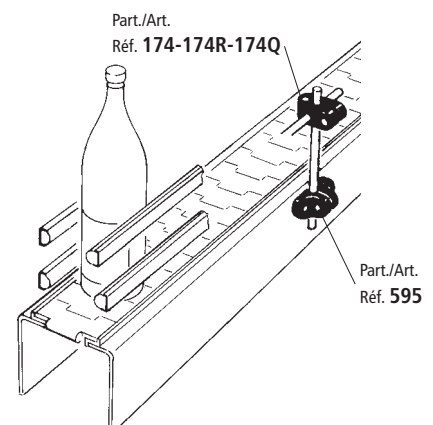
Technical data Part. 595

- 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

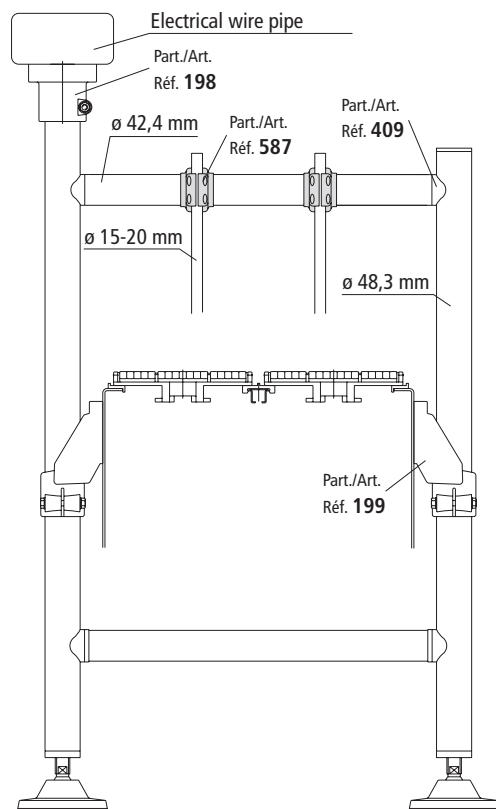
Can be used in combination with Part. 174-174 R-174 Q



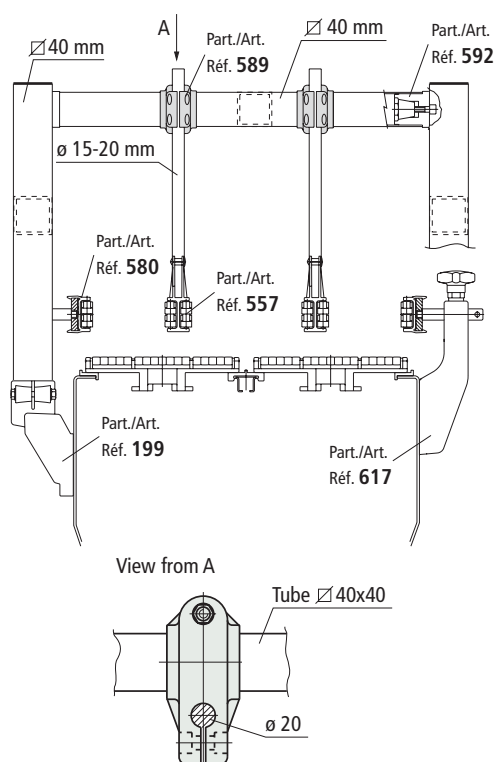
• Characteristics of Part. 587

The stiffness of Part.587 makes them suitable for wide multistrand conveyors.

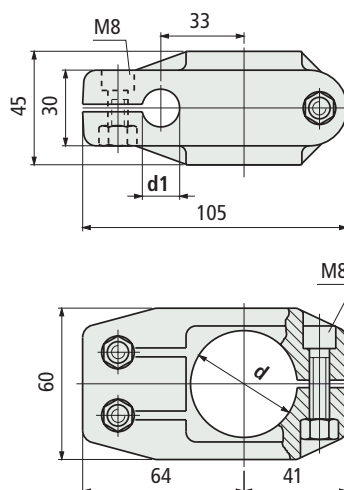
• Use of Part. 587 (for round tubes)



• 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 20	646292N 655382N	0,18

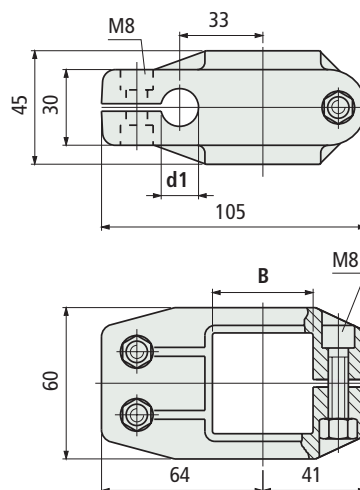
- Material : clamp in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 25 pieces.

Part. 587



Round bore

■ Cross clamp



Part.	Square tube B mm	Rod dia. d1 mm	Code	Weight kg
587	40x40	15 20	655392N 646302N	0,18

- Material : clamp in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 25 pieces.

Part. 587



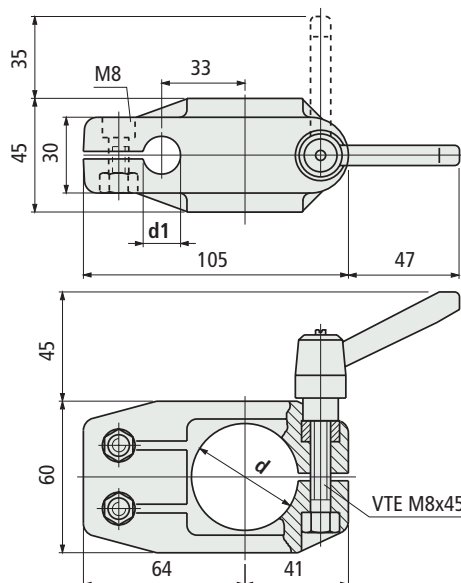
Square bore

Part. 633



Round bore

■ Cross clamp with ratchet handle clamping



Part.	Tube dia. d mm	Rod dia. d1 mm	Code	Weight kg
633	42,4 (1" 1/4)	15	647152	0,23
		20	655402	

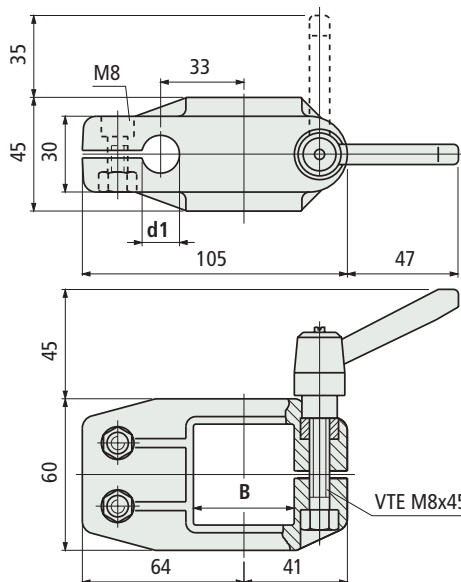
- Material clamp : body in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Material handle : body in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 1,5 Kgm (handle), 2 Kgm (screws).
- Packaging : 25 pieces.

Part. 633



Square bore

■ Cross clamp with ratchet handle clamping



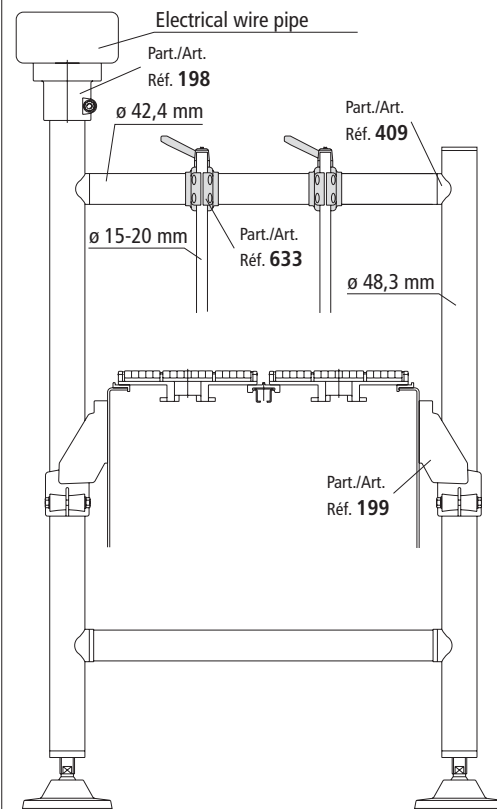
Part.	Square tube B mm	Rod dia. d1 mm	Code	Weight kg
633	40x40	15	655412	0,23
		20	647162	

- Material clamp : body in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Material handle : body in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque: 1,5 Kgm (handle), 2 Kgm (screws).
- Packaging : 25 pieces.

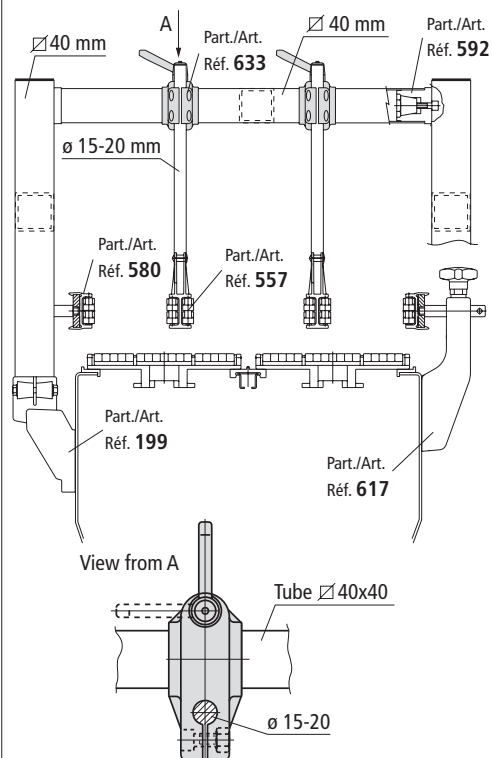
• Characteristics of Part. 633

Easy and quick adjustment of guides supported by bridge structure.

• Use of Part. 633 (for round tubes)



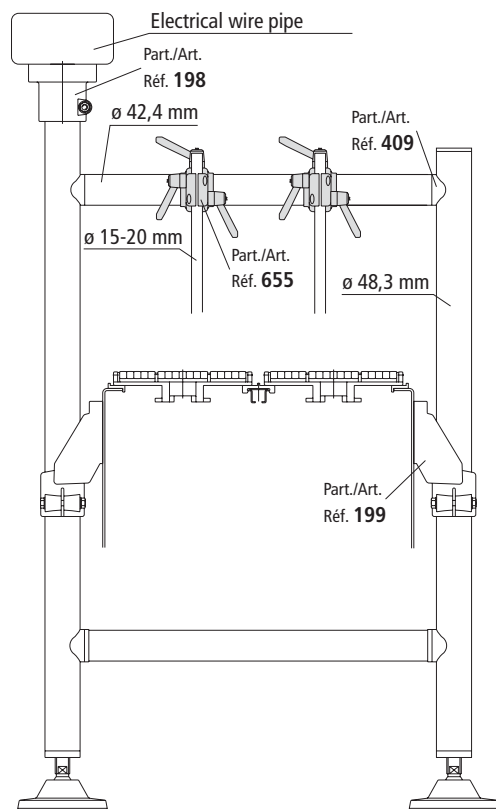
• Use of Part. 633 (for square tubes)



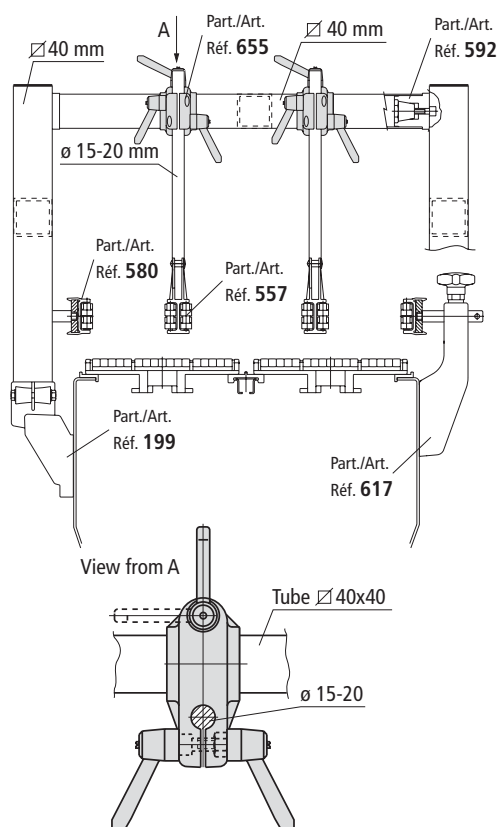
• Characteristics of Part. 655

Easy and quick adjustment of guides supported by bridge structure.

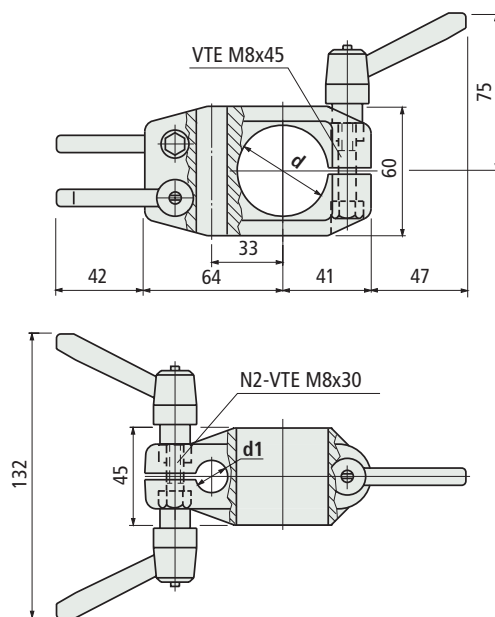
• Use of Part. 655 (for round tubes)



• Use of Part. 655 (for square tubes)



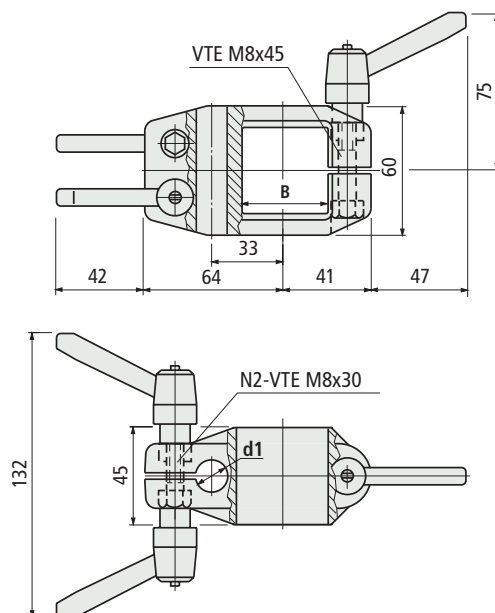
■ Cross clamp with ratchet handle clamping



Part.	Tube dia. d mm	Rod dia. d1 mm	Code	Weight kg
655	42,4 (1" 1/4)	15	655422	0,28
		20	655182	

- Material clamp : body in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304.
- Material handles : body in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 25 pieces.

■ Cross clamp with ratchet handle clamping



Part.	Square tube B mm	Rod dia. d1 mm	Code	Weight kg
655	40x40	15	655432	0,28
		20	655442	

- Material clamp : body in reinforced polyamide PA FV (black), tightening screws in stainless steel AISI 304.
- Material handles : body in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 25 pieces.

Part. 655



Round bore

Part. 655



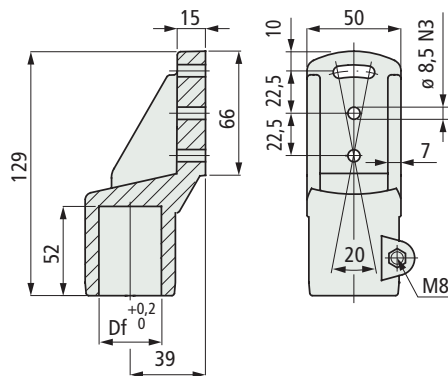
Square bore

Part. 416



For round tubes

Side mounting top bracket



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

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

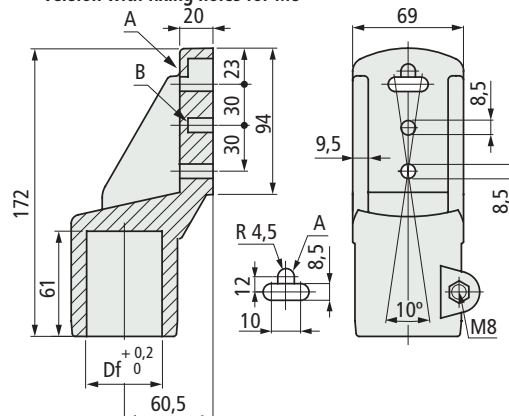
Part. 199



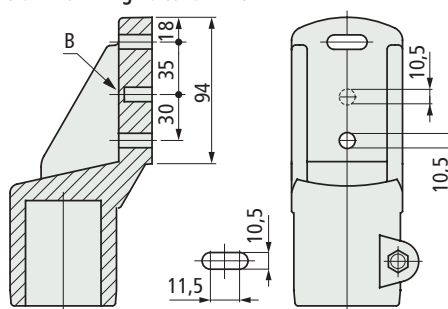
For round and square tubes

Side mounting top bracket

Version with fixing holes for M8



Version with fixing holes for M10



Part.	Tube dimensions mm	Bore Df mm	Bolts material	Code
Version with fixing holes for M8				
	Ø 48,3 (1 1/2)	Ø 48,3	AISI 304	59171
	Ø 50,8	Ø 50,8	AISI 304	664771*
199	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*

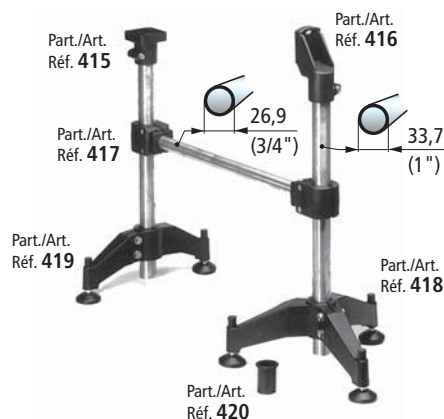
Version with fixing holes for M8

Version with fixing holes for M10				
199	Ø 48,3 (1 1/2)	Ø 48,3	AISI 304	61683*

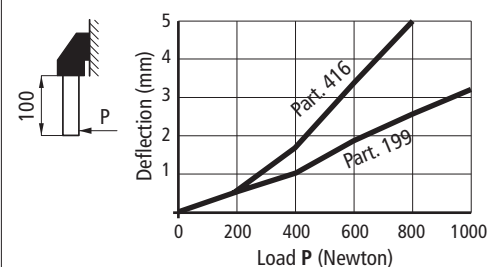
Version with fixing holes for M10

- = New product.
- Material : reinforced polyamide PA FV (black).
- Weight : 0,32 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)

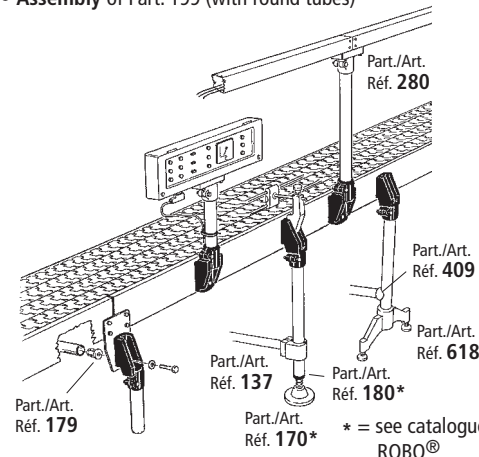
Breaking load



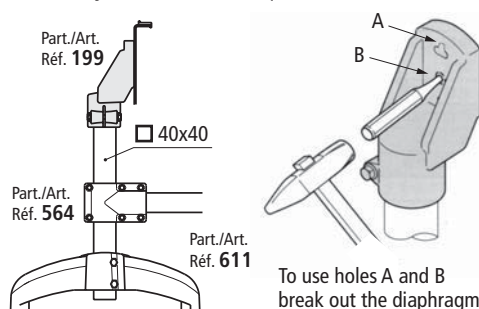
- Part. 416 (P = 21900 N)
- Part. 199 (P = 35900 N)

Tests performed at tightening torque : 2 Kgm

Assembly of Part. 199 (with round tubes)



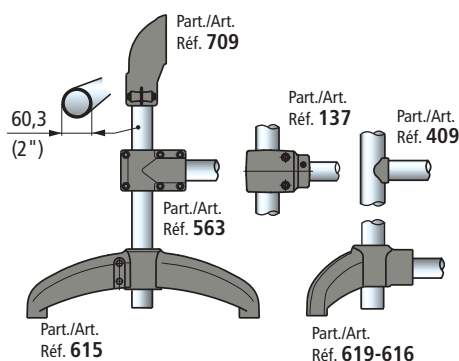
Assembly of Part. 199 (with square tubes)



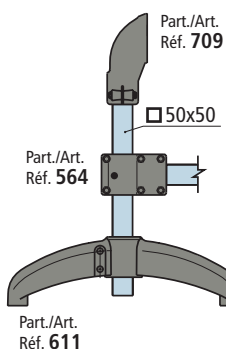
To use holes A and B break out the diaphragms

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

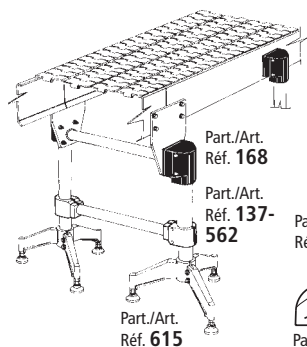
- Assembly of Part. 709 (with round tubes Ø 60,3 mm (2")).



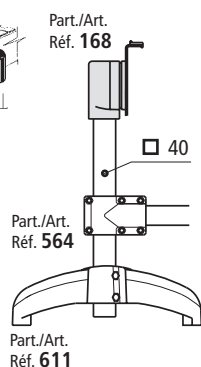
- Assembly of Part. 709 (with square tubes 50x50 mm).



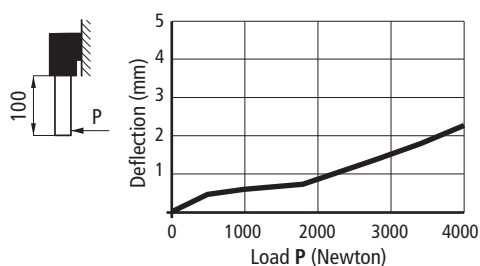
- Assembly of Part. 168 (with round tubes)



- Assembly of Part. 168 (with square tubes)



- Deflection of Part. 168



- Sliding load



With tubes Ø48,3
(P = 1900 N)
With tubes 40x40
(P = 3100 N)

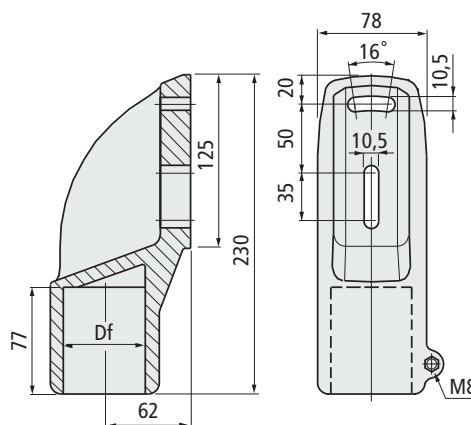
- Breaking load



P = 22300 N

Tests performed at tightening torque : 2 Kgm

Side mounting top bracket



Part.	Tube dimensions mm	Bore Df mm	Code
709	Ø 60,3 (2")	Ø 60,3	685322
	50x50	50	685332

- Material : bracket in reinforced polyamide PA FV (black).
- Bolts in stainless steel AISI 304.
- Weight : 0,75 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 12 pieces.

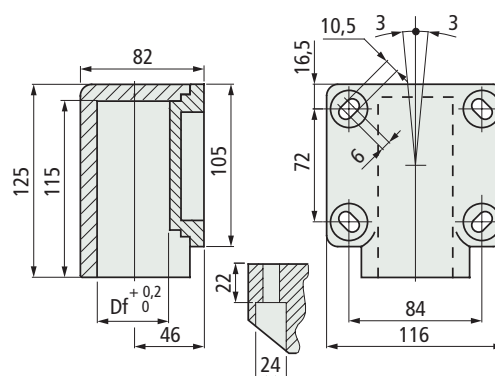
Part. 709



For round and square tubes

New Product

Side mounting top bracket



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

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

Part. 168



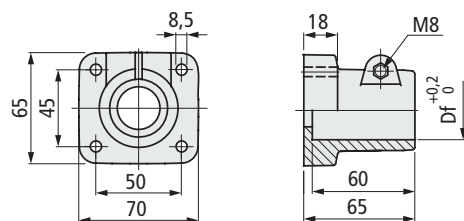
For round and square tubes

Part. 415



For round tubes

Bearing head



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

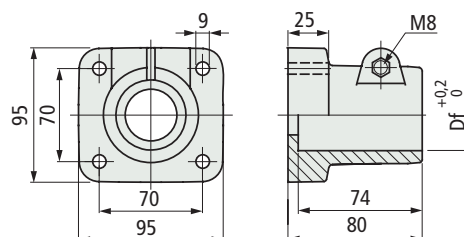
- Material : reinforced polyamide PA FV (black).
- Weight : 0,12 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 24 pieces.

Part. 198



For round and square tubes

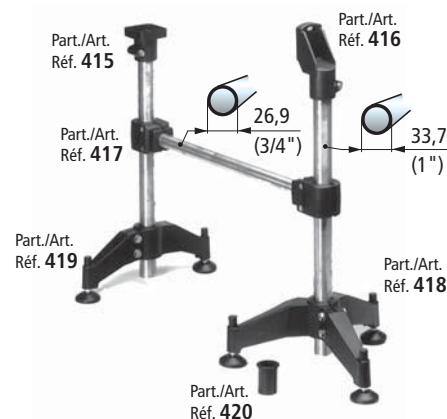
Bearing head



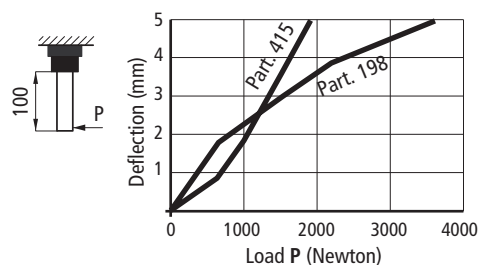
Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
	Ø 48,3 (1" 1/2)	Ø 48,3	AISI 304	59161
	Ø 50,8	Ø 50,8	AISI 304	664761 •
198	38x38	38	AISI 304	611602
			Zinc plated steel	611682
	40x40	40	AISI 304	611612
			Zinc plated steel	611692

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

Assembly of Part. 415



Deflection of Part. 415 - 198



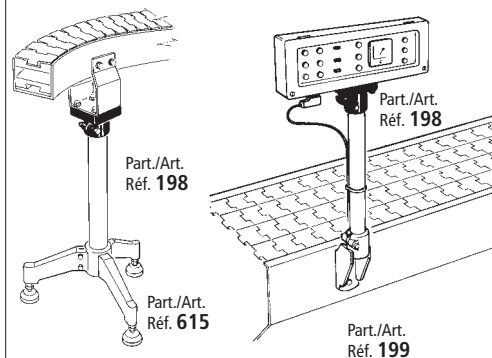
Sliding load resistance



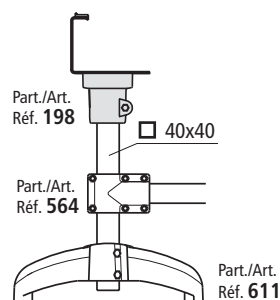
- Part. 415 (P = 1500 N)
- Part. 198-Ø48,3 (P = 1900 N)
- Part. 198-38 (P = 4400 N)
- Part. 198-40 (P = 2300 N)

Tests performed at tightening torque : 2 Kgm

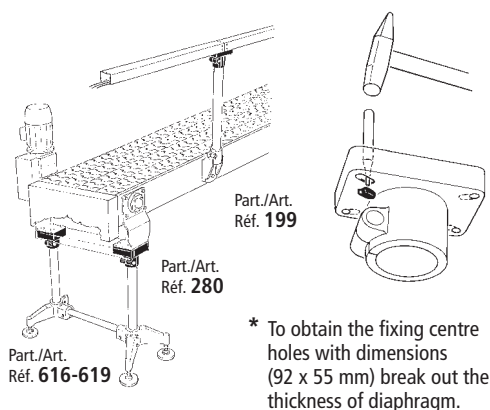
Assembly of Part. 198 (with round tubes)



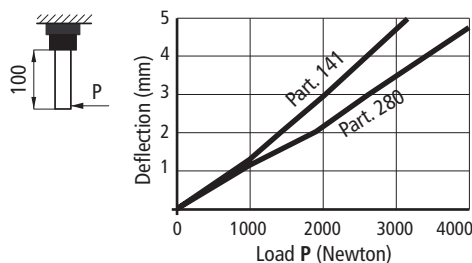
Assembly of Part. 198 (with square tubes)



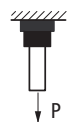
• Assembly of Part. 280



• Deflection of Part. 280 - 141



• Sliding load resistance

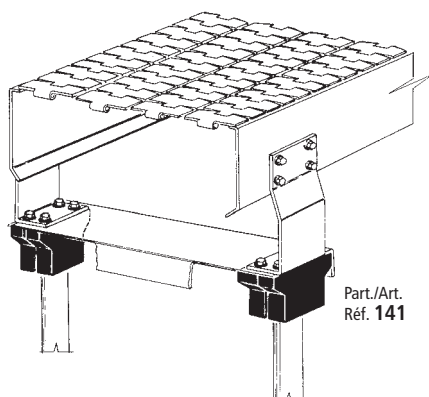


Part. 280 (P = 1900 N)
Part. 141 (P = 5800 N)

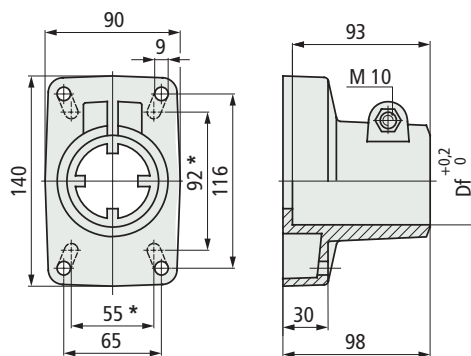
Tests performed at tightening torque :

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

• Assembly of Part. 141



■ Bearing head



Part.	Tube dia. mm	Bore dia. Df mm	Bolts material	Code
	Ø 48,3 (1 1/2")	48,3	AISI 304	63503
280	Ø 50,8	50,8	AISI 304	664781*
	Ø 60,3 (2")	60,3	AISI 304	66781

* = New product.

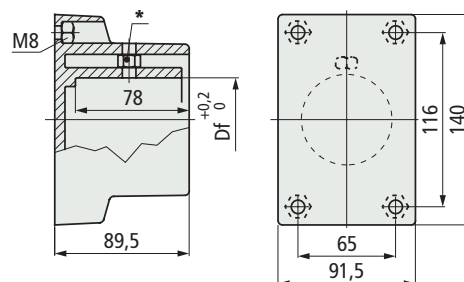
- Material : reinforced polyamide PA FV (black).
- Weight : 0,40 Kg.
- Max recommended tightening torque : 3,5 Kgm.
- Packaging : 8 pieces.

Part. 280



For round tubes

■ Bearing head



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

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

Part. 141



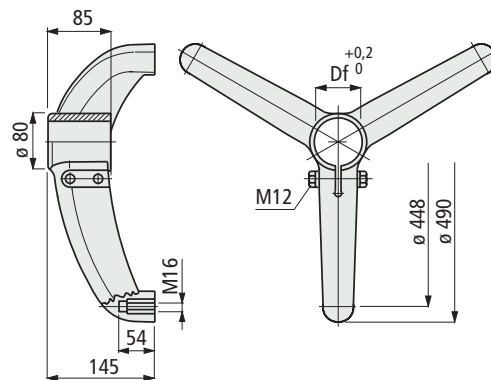
For round tubes

Part. 615



For round tubes

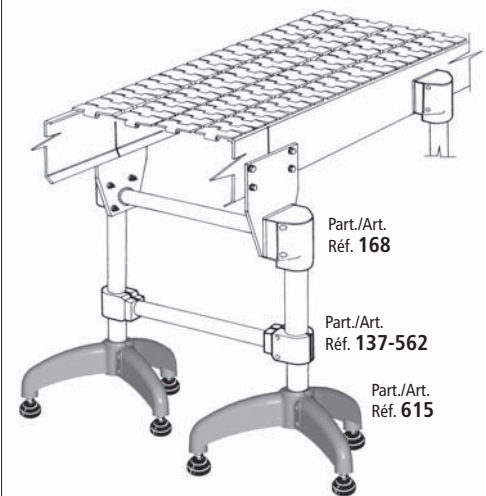
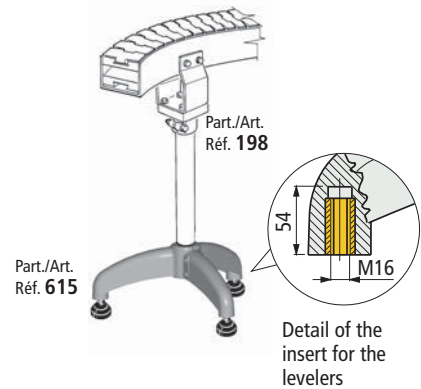
Support base (tripod)



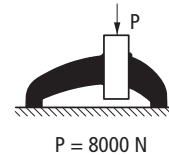
Part.	Tube dia. mm	Bore dia. Df mm	Code
Bolts in stainless steel AISI 304			
615	38,1	38,1	624242
	42,4 (1" 1/4)	42,4	624252
	48,3 (1" 1/2)	48,3	624262
	50,8	50,8	624272
	60,3 (2")	60,3	621522
Bolts in zinc plated steel			
615	38,1	38,1	638742
	42,4 (1" 1/4)	42,4	638752
	48,3 (1" 1/2)	48,3	638762
	50,8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

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

Assembly of Part. 615

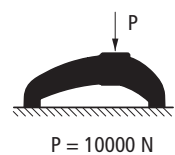


Sliding load resistance



P = 8000 N

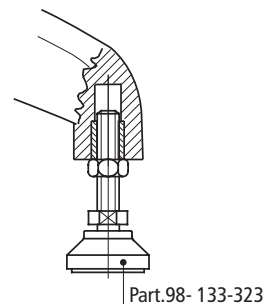
Max applicable load



P = 10000 N

Tests performed at tightening torque : 3,6 Kgm

Types of levelers that can be used

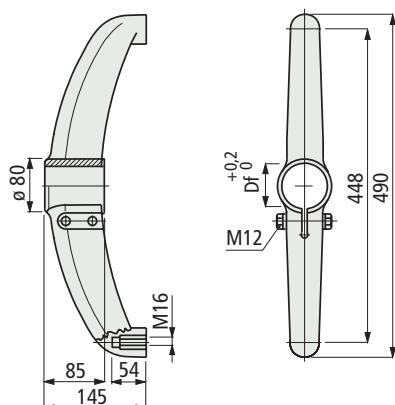


Part. 618



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

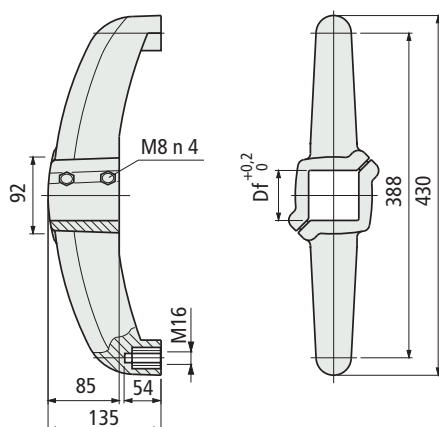
- Material : support base in reinforced polyamide PA FV (black), brass threaded bushings.
- Weight : 1,05 Kg.
- Max recommended tightening torque : 3,6 Kgm.
- Packaging : 12 pieces.

Part. 611



For square tubes

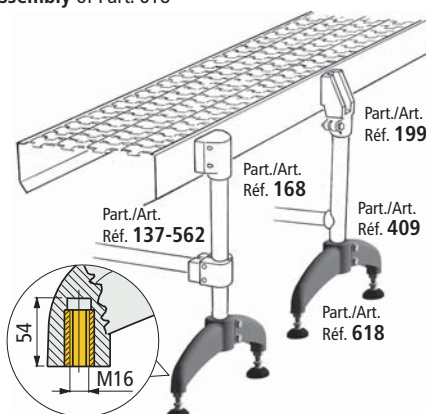
Support base (bipod)



Part.	Tube dimensions mm	Bore Df mm	Code
611	40x40	40	615542 616082
	50x50	50	615552 616092
	60x60	60	615562 616102

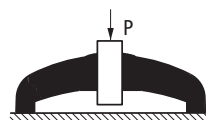
- Material : support base in reinforced polyamide PA FV (black), bolts in stainless steel AISI 304, tightening bushes in nickel plated brass, brass threaded bushings.
- Max recommended tightening torque : 2,5 Kgm.
- Weight : 0,9 Kg.
- Packaging : 10 pieces (20 half bases).

Assembly of Part. 618

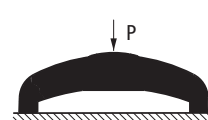


Detail of the insert for the levelers

Sliding load resistance

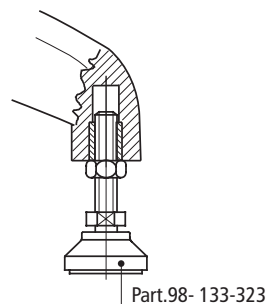

Part. 618 (P = 8000 N)
Part. 611 (P = 8000 N)

Max applicable load

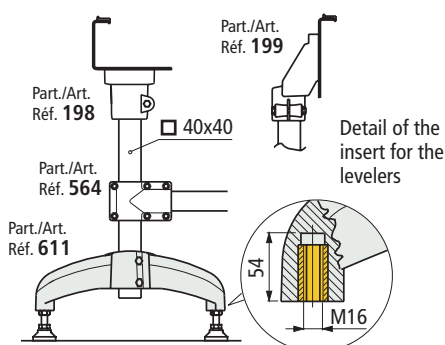

Part. 618 (P = 9600 N)
Part. 611 (P = 8000 N)

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

Types of levelers that can be used



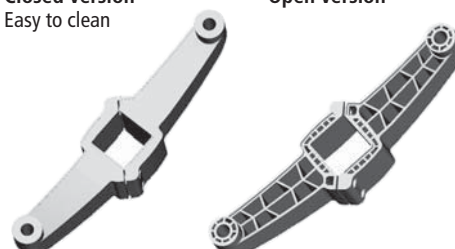
Assembly of Part. 611



Part. 611 available versions

Closed version
Easy to clean

Open version

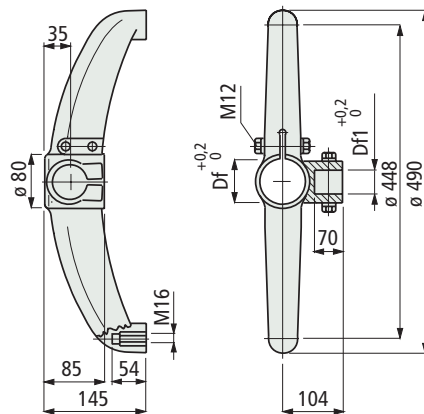


Part. 619

Support base (bipod)



For round tubes



Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
Bolts in stainless steel AISI 304					
	42,4 (1" 1/4)	42,4 (1" 1/4)	42,4	42,4	624352
	48,3 (1" 1/2)	42,4 (1" 1/4)	48,3	42,4	624372
619	48,3 (1" 1/2)	48,3 (1" 1/2)	48,3	48,3	692052•
	50,8	42,4 (1" 1/4)	50,8	42,4	624402
	60,3 (2")	42,4 (1" 1/4)	60,3	42,4	624432
Bolts in zinc plated steel					
	42,4 (1" 1/4)	42,4 (1" 1/4)	42,4	42,4	638842
	48,3 (1" 1/2)	42,4 (1" 1/4)	48,3	42,4	638852
619	48,3 (1" 1/2)	48,3 (1" 1/2)	48,3	48,3	600213•
	50,8	42,4 (1" 1/4)	50,8	42,4	638862
	60,3 (2")	42,4 (1" 1/4)	60,3	42,4	638872

• = New product.

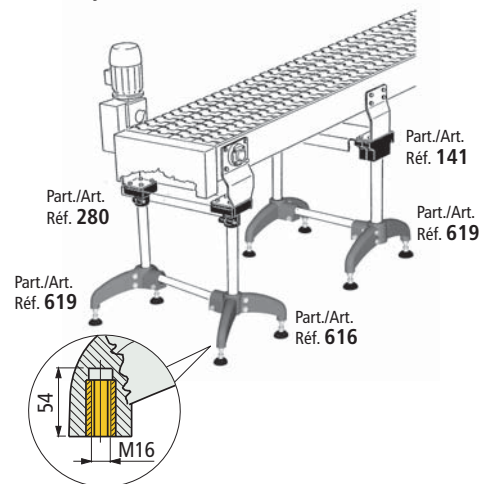
- Material : support base in reinforced polyamide PA FV (black), brass threaded bushings.

- Weight : 1,05 Kg.

- Max recommended tightening torque : 3,6 Kgm.

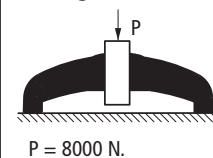
- Packaging : 12 pieces.

Assembly of Part. 619

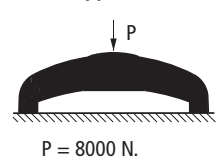


Detail of the insert for the levelers

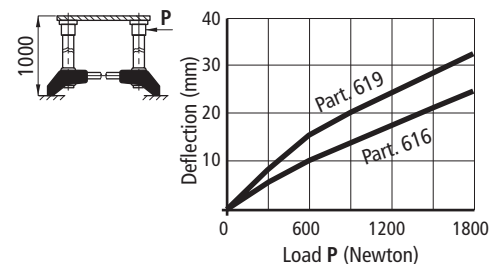
Sliding load resistance



Max applicable load

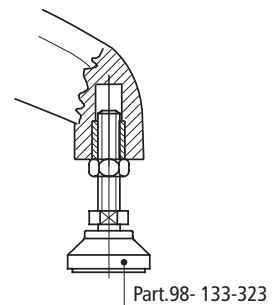


Deflection

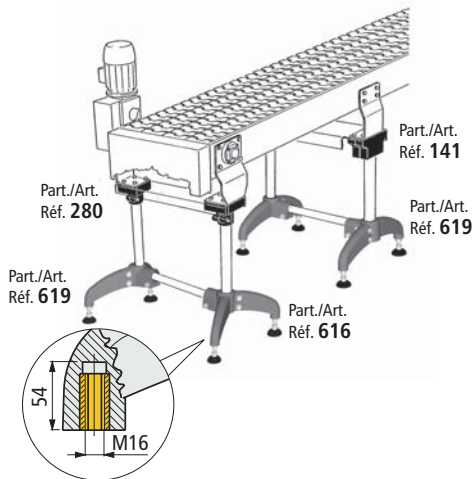


Tests performed at tightening torque : 3,6 Kgm

Types of levelers that can be used



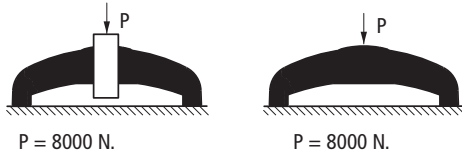
• Assembly of Part. 616



Detail of the insert for the levelers

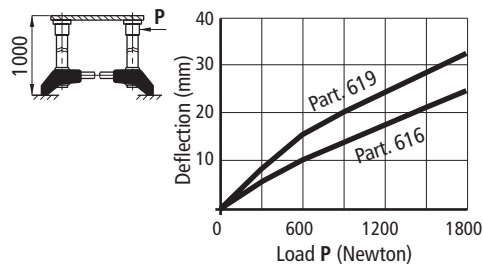
• Sliding load resistance

• Max applicable load



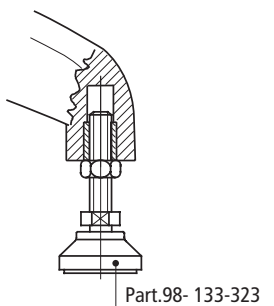
• Deflection

Part. 616 offers a better rigidity than Part. 619

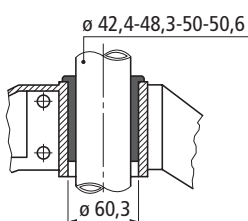


Tests performed at tightening torque : 3,6 Kgm

• Types of levelers that can be used

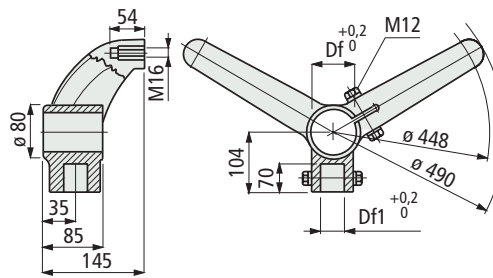


• Assembly of Part. 124



When applied on bases with bore Df=60,3, mm these can be used with dia. 42,4-48,3-50-50,6 mm tubes.

■ Support base (bipod)



Part.	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.

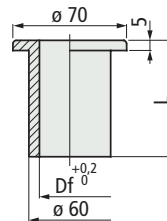
- Material : support base in reinforced polyamide PA FV (black), brass threaded bushings.

- 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
	Ø 42,4 (1" 1/4)	42,4	85	61980	
			50	692711*	
124	Ø 48,3 (1" 1/2)	48,3	85	61970	0,10
	Ø 50	50	85	51361*	
	Ø 50,8	50,8	85	61770	

- Material : polyamide PA (black).

- Packaging : 10 pieces.

Part. 616



For round tubes

Part. 124



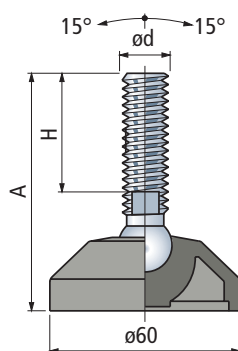
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

for Part. 615 - 618 - 611 - 619 - 616

Part. 98

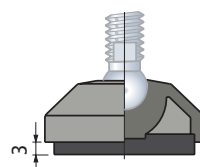


■ Articulated feet



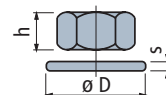
• Accessories

Anti-slip



- Code : 630022.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

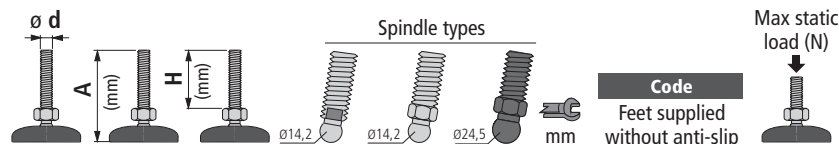
Nut + Washer



Code

Stainless steel AISI 304	Zinc plated steel	h mm	h mm	øD mm	s mm
M16	630212	630142	13	24	30 3

Packaging : 8 pieces.



Spindle in stainless steel AISI 303

M 16	100	64	1a	-	-	13	98/626012	10000
	115	81	1a	-	-	13	98/626022	
	160	124	1a	-	-	13	98/626032	

Spindle in zinc plated steel

M 16	95	61	1a	-	-	13	98/626102	10000
	100	68	-	2b	-	16	98/674171	
	125	89	-	2b	-	16	98/685741	
	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
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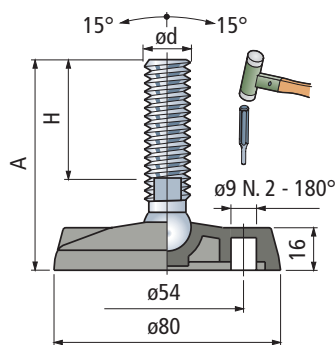
- Use : in combination with support bases Part. 615-618-611-619-616.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.

Part. 323



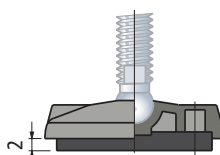
■ Articulated feet

Fixing holes, obtainable by breaking "diaphragm".



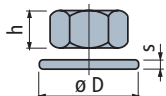
• Accessories

Anti-slip



- Code : 630042.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

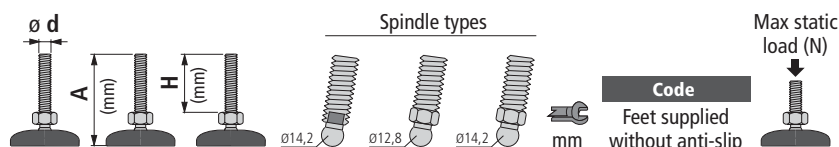
Nut + Washer



Code

Stainless steel AISI 304	Zinc plated steel	h mm	h mm	øD mm	s mm
M16	630212	630142	13	24	30 3

Packaging : 8 pieces.



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	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	

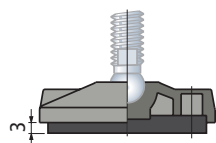
- Use : in combination with support bases Part. 615-618-611-619-616.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.

Articulated Feet

for Part. 615 - 618 - 611 - 619 - 616

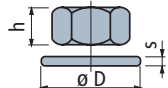
• Accessories

Anti-slip



- Code : **630052**.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



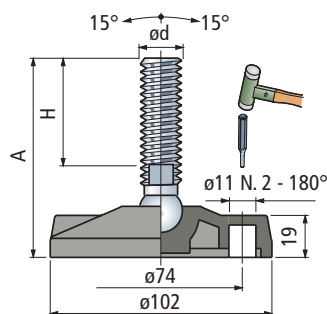
Code

	Stainless steel AISI 304	Zinc plated steel	h mm	øD mm	s mm
M16	630212	630142	13	24	30

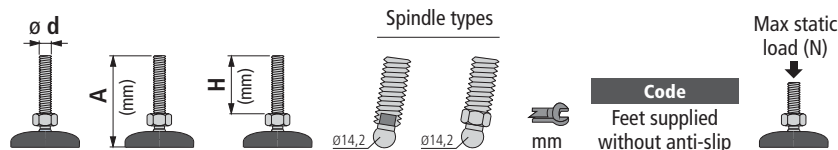
Packaging : 8 pieces.

■ Articulated feet

Fixing holes, obtainable by breaking "diaphragm".



Part. 133



Spindle in stainless steel AISI 303

	100	64	1a	-	13	133/633202	
M 16	115	81	1a	-	13	133/633212	12000
	160	124	1a	-	13	133/633222	

Spindle in zinc plated steel

	95	61	1a	-	13	133/633292	
	100	68	-	2b	16	133/679711N	
M 16	125	89	-	2b	16	133/686421N	12000
	130	96	1a	-	13	133/633302	
	150	116	1a	-	13	133/633312	

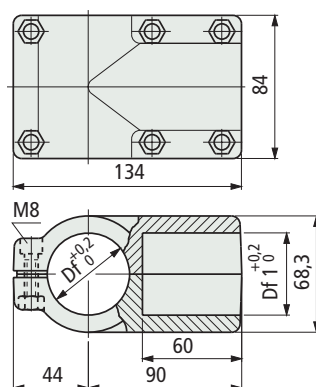
- Use : in combination with support bases Part. 615-618-611-619-616.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.

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 33,7 (1")	48,3	33,7	605862
		Ø 38,1	48,3	38,1	697851
	Ø 48,3 (1 1/2)	Ø 42,4 (1 1/4)	48,3	42,4	607102
		Ø 48,3 (1 1/2)	48,3	48,3	697861

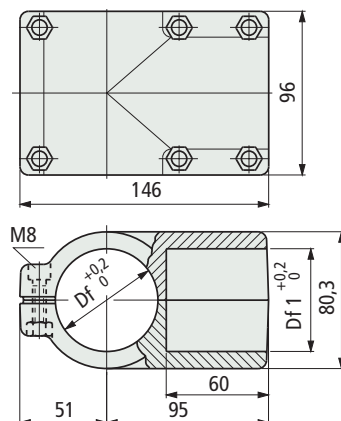
- Material : joint in reinforced polyamide PA FV (black). Tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Weight : 0,4 Kg.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 8 pieces.

Part. 563



For round tubes

■ Connecting joint



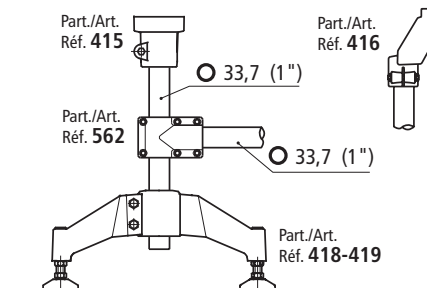
Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
	Ø 50,8	Ø 33,7 (1")	50,8	33,7	697871
		Ø 42,4 (1 1/4)	50,8	42,4	605892
		Ø 48,3 (1 1/2)	50,8	48,3	605872
		Ø 50,8	50,8	50,8	669512*
563	Ø 60,3 (2")	Ø 33,7 (1")	60,3	33,7	605882
		Ø 42,4 (1 1/4)	60,3	42,4	605562
		Ø 48,3 (1 1/2)	60,3	48,3	697881
		Ø 60,3 (2")	60,3	60,3	697891

* = New product.

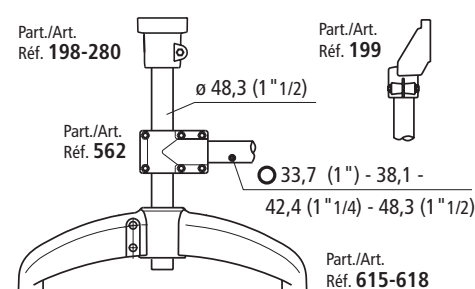
- Material : joint in reinforced polyamide PA FV (black). Tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Weight : 0,5 Kg.
- Max recommended tightening torque : 1,5 Kgm.
- Packaging : 8 pieces.

• Assembly of Part. 562

Example of assembly with vertical tubes Ø 33,7 mm

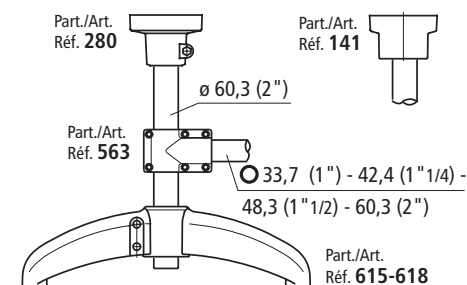


Example of assembly with vertical tubes Ø 48,3 mm

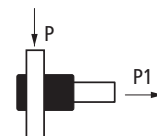


• Assembly of Part. 563

Example of assembly with vertical tubes Ø 60,3 mm



• Sliding load resistance

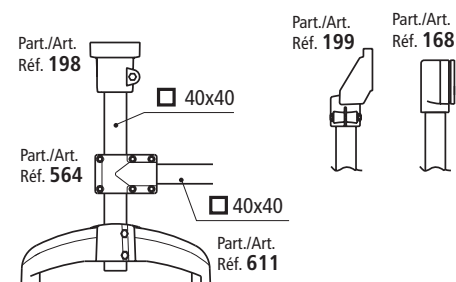


Part. 562 (P = 2000 N) - (P1 = 3500 N)
Part. 563 (P = 1500 N) - (P1 = 3000 N)

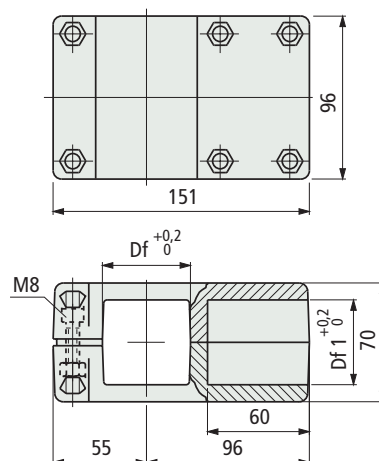
Tests performed at tightening torque : 1,5 Kgm

• Assembly of Part. 564

Example of assembly with vertical tubes ∇ 40 mm



■ Connecting joint



For square tubes

Part.	Tube dimensions mm	Bore Df mm	Bore Df1 mm	Code
564	∇ 38x38	∇ 38	∇ 38	698531
	∇ 40x40	∇ 40	∇ 40	698541
	∇ 45 x45	∇ 45	∇ 45	607112
	∇ 50x50	∇ 50	∇ 50	698551

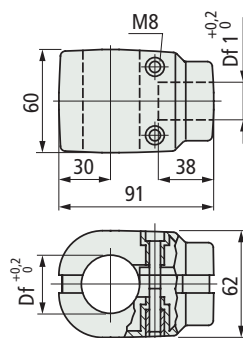
- Material : joint in reinforced polyamide PA FV (black).
Tightening screws in stainless steel AISI 304, nuts in nickel plated brass.
- Weight : 0,5 Kg.
- Max recommended tightening torque : 1,5 Kg.m.
- Packaging : 8 pieces.

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

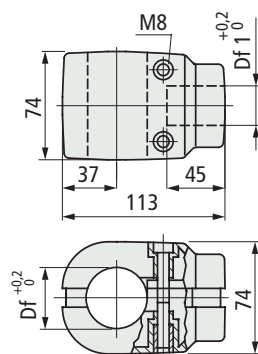
- Material : joint in reinforced polyamide PA FV (black).
Tightening bolts in stainless steel AISI 304.
- Weight : 0,21 Kg.
- Max recommended tightening torque : 2 Kgm.
- Packaging : 24 pieces.

Part. 454



For round tubes

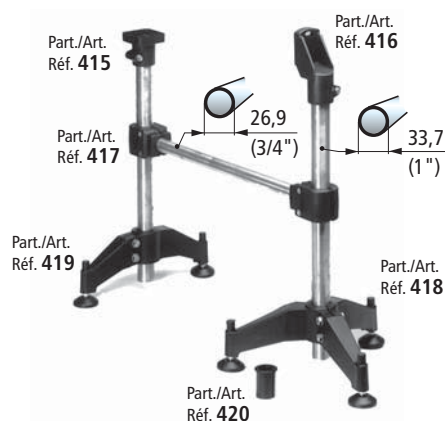
■ Connecting joint



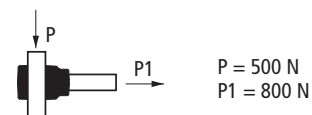
Part.	Vertical tube dia. mm	Horizontal tube dia. mm	Bore dia. Df mm	Bore dia. Df1 mm	Code
454	Ø 42,4 (1 1/4")	Ø 33,7 (1")	42,4	33,7	69378

- 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. 417



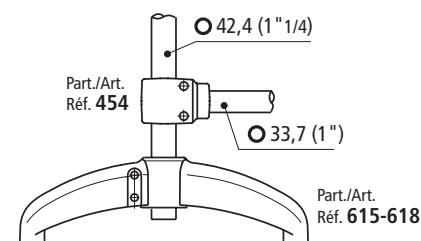
• Sliding load resistance



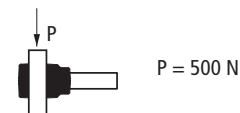
Tests performed at tightening torque : 2 Kgm

• Assembly of Part. 454

Example of assembly with vertical tubes Ø 42,4 mm



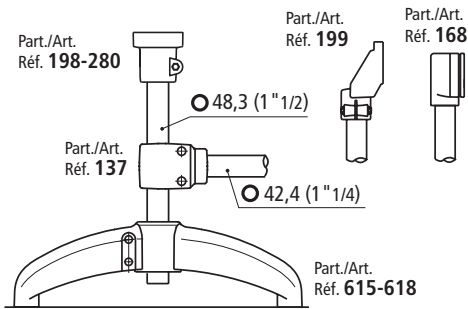
• Sliding load resistance



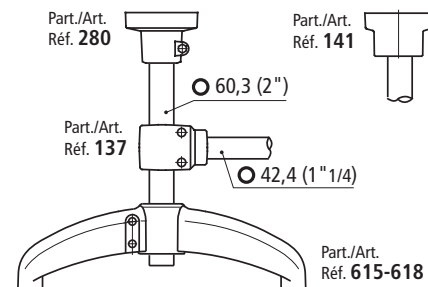
Tests performed at tightening torque : 2 Kgm

• Assembly of Part. 137

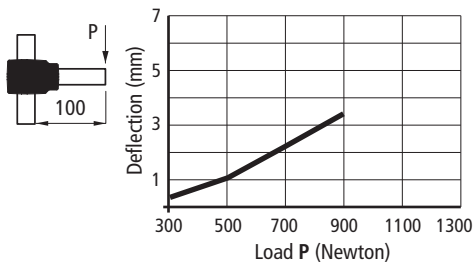
Example of assembly with vertical tubes $\varnothing 48,3$ mm



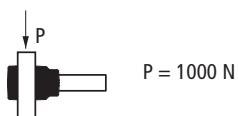
Example of assembly with vertical tubes $\varnothing 60,3$ mm



• Deflection



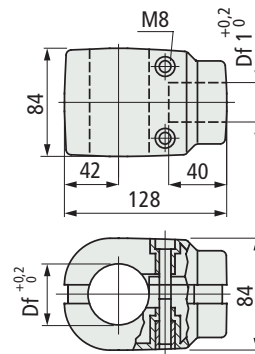
• Sliding load resistance



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	$\varnothing 48,3$ (1 1/2)	$\varnothing 42,4$ (1 1/4)	48,3	42,4	66813
	$\varnothing 60,3$ (2")	$\varnothing 42,4$ (1 1/4)	60,3	42,4	65020

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

Part. 137

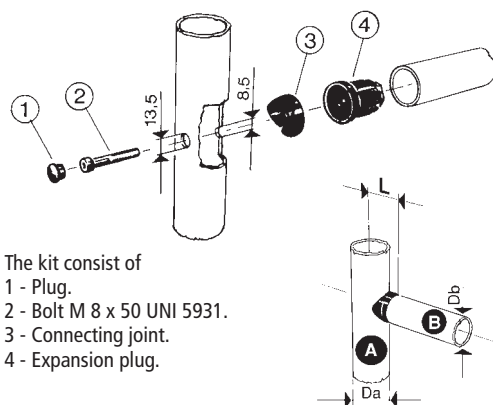


For round tubes

Part. 409



Connecting joint



The kit consist of

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

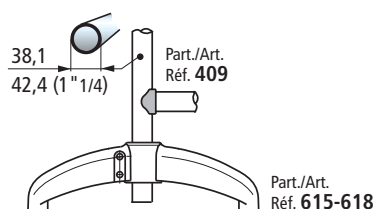
Part.	Tube A dia. ¹⁾ Da mm	Tube B dia. Db mm	Tube B Thickness mm	Code	L mm
409	Ø 38	Ø 38	1,5	63277*	31
	Ø 42,4 (1" 1/4)	Ø 38	1,5	63287*	33,2
		Ø 42,4 (1" 1/4)	1,5	63337	
	Ø 48,3 (1" 1/2)	Ø 38	1,5	63297	36,2
		Ø 42,4 (1" 1/4)	1,5	63347	
	Ø 60,3 (2")	Ø 42,4 (1" 1/4)	1,5	63357	42,2

1) = Various dimensions

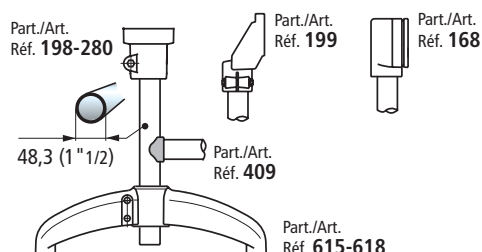
- Material : Plug in PVC (black). Bolt in stainless steel AISI 304. Connecting joint in reinforced polyamide PA FV (black). Expansion plug : body in reinforced polyamide PA FV (black), cone in brass.
- Weight : 0,29 Kg.
- Max recommended tightening torque : 2,5 Kgm.
- Packaging : 50 Kit.

Assembly of Part. 409

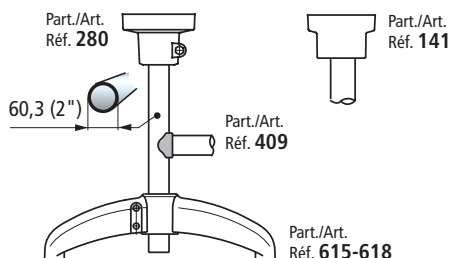
Example of assembly with vertical tubes Ø 38,1 and 42,4 mm



Example of assembly with vertical tubes Ø 48,3 mm



Example of assembly with vertical tubes Ø 60,3 mm

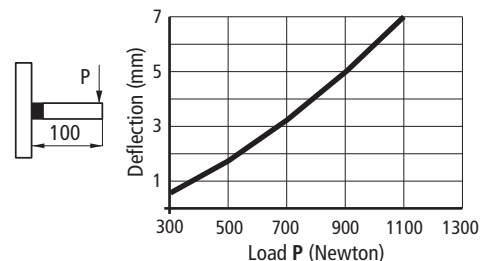


* = items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Characteristics

High sanitation. Allows connection joints at any angle.

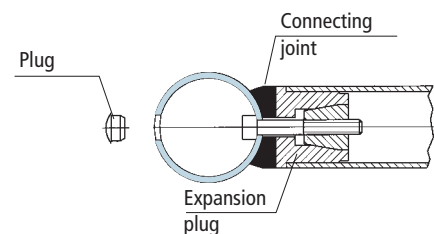
Deflection



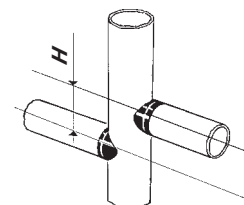
Tests performed at tightening torque : 2,5 Kgm

Assembly

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



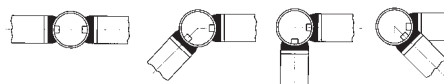
Offset tube joints



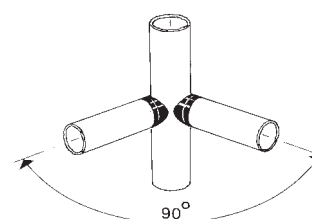
Minimum offset value

H min = 47 (for code : 63357 - 63347 - 63337)
H min = 43 (for code : 63297 - 63287 - 63277)

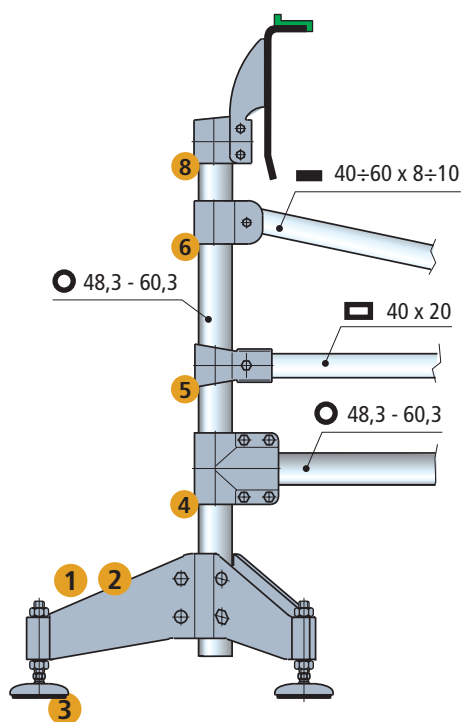
Connections can be made at any angle. Offsetting the connections allow entry of the bolt and wrench.



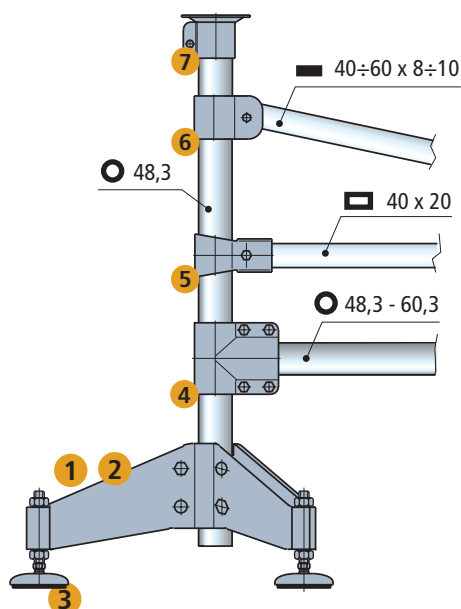
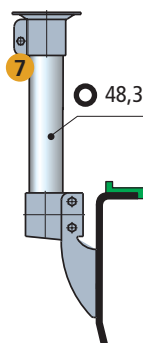
Coaxial tube joints



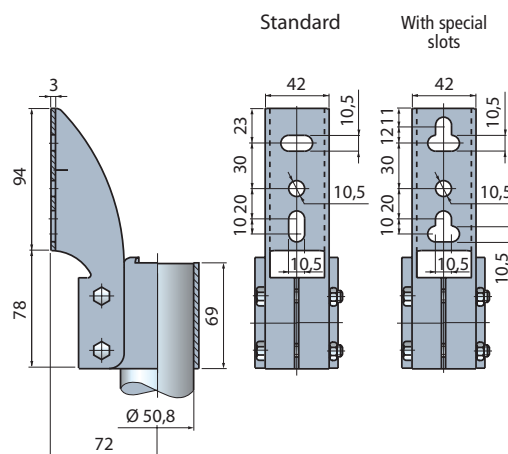
With more than one Ø 60,3 x 42,4 tube (code 63357) at the same point, only 90 joints can be made.



- 1 - Part. 706.
- 2 - Part. 707.
- 3 - Part. 623-627.
- 4 - Part. 686.
- 5 - Part. 688.
- 6 - Part. 689.
- 7 - Part. 690.
- 8 - Part. 685.



Side mounting top brackets



Part.	Tube dia. mm	Code	Code	Weight kg
		Standard	With special slots	
685	48,3 (1" 1/2)	684502	610223	0,70
	50,8	605143	610233	0,75
	60,3 (2")	696122	610243	0,80

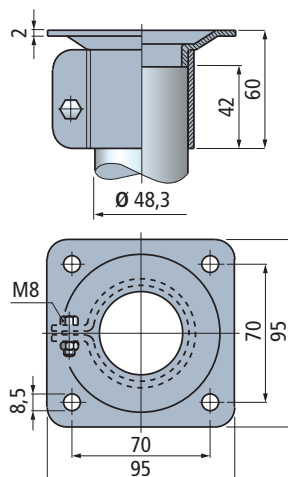
- Material : top bracket and bolts in stainless steel AISI 304.
- Packaging : 4 pieces.

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



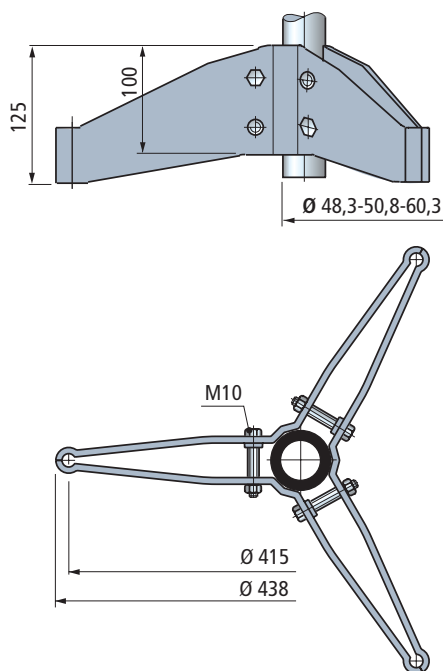
New Product

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	

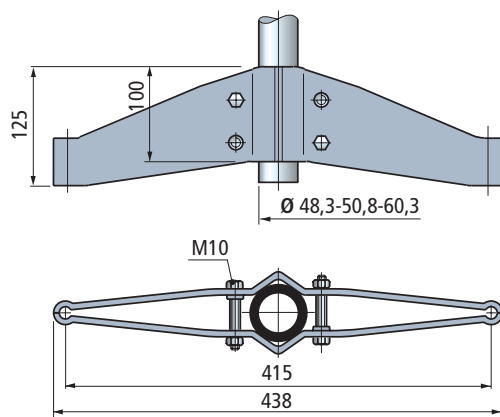
- Material : support base and bolts in stainless steel AISI 304.
- Packaging : 1 piece.

Part. 706



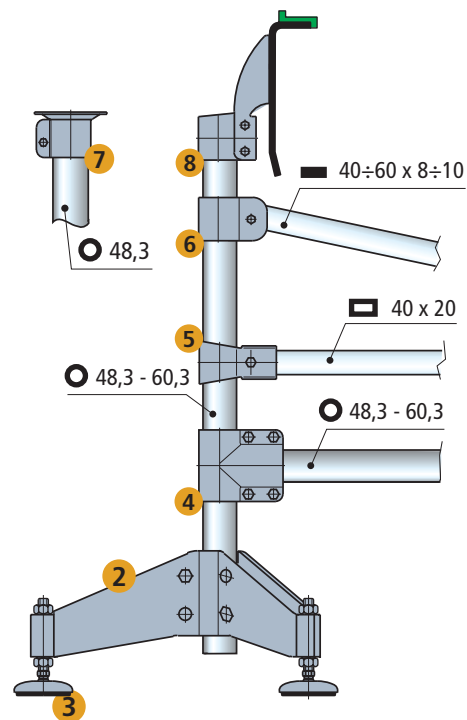
*New
Product*

■ Support bases (bipod)

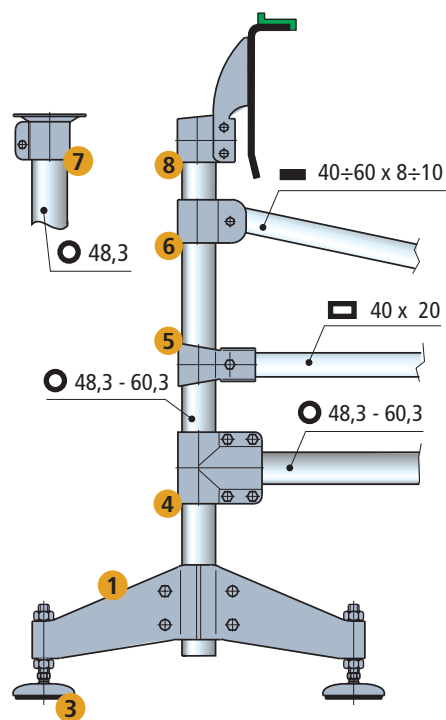


Part.	Tube dia. mm	Code	Weight kg
706	48,3 (1"1/2)	685052	1,88
	50,8	609953	
	60,3 (2")	685852	

- Material : support base and bolts in stainless steel AISI 304.
- Packaging : 1 piece.



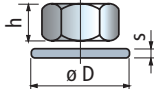
- 1 - Part. 706.
- 2 - Part. 707.
- 3 - Part. 623-627.
- 4 - Part. 686.
- 5 - Part. 688.
- 6 - Part. 689.
- 7 - Part. 690.
- 8 - Part. 685.



for Part. 706 - 707

Accessories

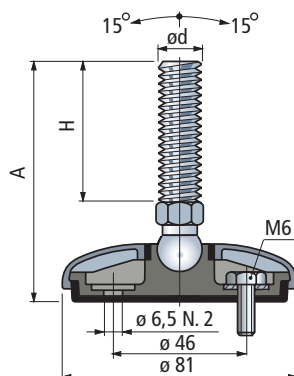
Nut + Washer



Code	h mm	s mm	øD mm
M16 630212	13	24	30

- Material : stainless steel AISI 304.
- Packaging : 8 pieces.

Articulated feet Gripper



Part. 627



Microban®
antibacterial protection

	ø d (mm)	A (mm)	H (mm)	Spindle types ø14,2 mm	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.

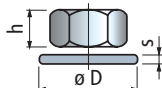
- Packaging : 24 pieces.

- 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

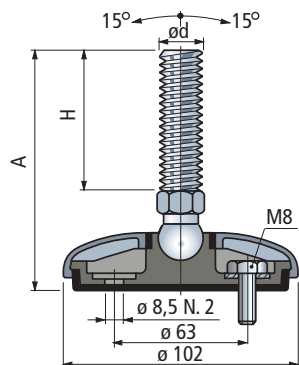
Nut + Washer



Code	h mm	s mm	øD mm
M16 630212	13	24	30

- Material : stainless steel AISI 304.
- Packaging : 8 pieces.

Articulated feet Gripper



Part. 623



Microban®
antibacterial protection

	ø d (mm)	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 ¹⁾	Max static load (N)
M 16	105	64	1a	-	623/643732	623/647412	19500
	115	74	-	6b	623/637512	623/647422	
	115	65	-	1b	623/640482*	623/647432*	
	120	81	1a	-	623/643742	623/647442	
	150	109	-	6b	623/637522	623/647452	
	150	100	-	1b	623/640492*	623/647462*	

- Use : in combination with support bases Part. 706-707.

1) = Feet can be fixed to the floor.

- Material : spindle in stainless steel AISI 303. Protection cap in stainless steel AISI 304.

- Base in reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore).

- The sealing of the internal structure guarantees a better hygiene.

- Packaging : 24 pieces.

- Foot base is supplied with Microban® antibacterial protection.

By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.

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

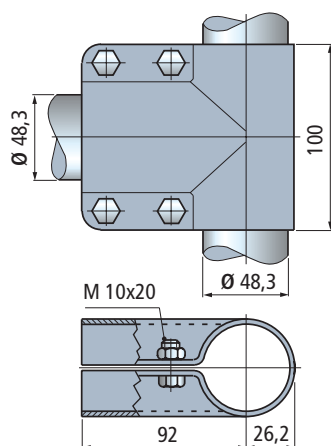
Part. 686



For tubes Ø 48,3 mm

New Product

■ Connecting joints



Part.	Tube dia. mm	State of supply	Code	Weight kg
686	48,3 (1" 1/2)	With bolts	684512	0,64
		Without bolts	684522	

- Material : joint and bolts in stainless steel AISI 304.

- Packaging : 4 pieces.

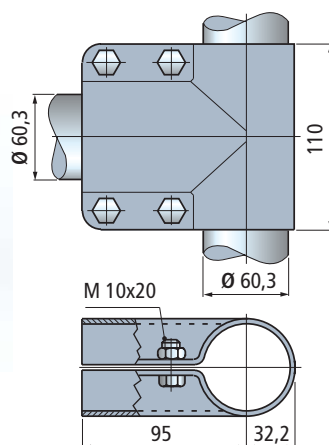
Part. 687



For tubes Ø 60,3 mm

New Product

■ Connecting joints

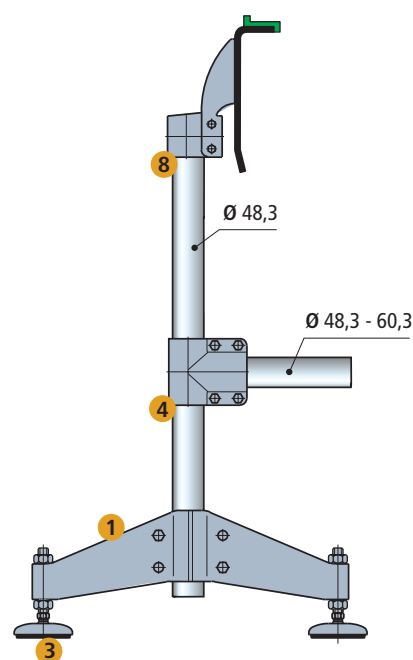
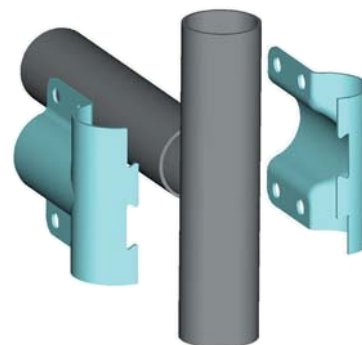


Part.	Tube dia. mm	State of supply	Code	Weight kg
687	60,3 (2")	With bolts	684532	0,70
		Without bolt	684542	

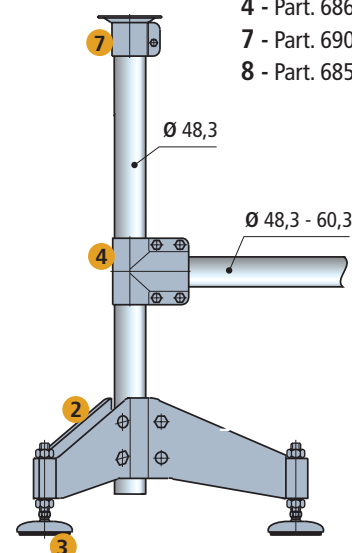
- Material : joint and bolts in stainless steel AISI 304.

- Packaging : 4 pieces.

• Assembly Part. 686-687

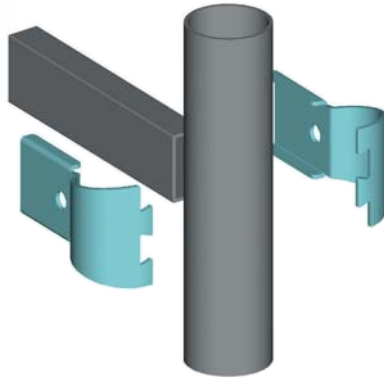


- 1 - Part. 706.
- 2 - Part. 707.
- 3 - Part. 623-627.
- 4 - Part. 686.
- 7 - Part. 690.
- 8 - Part. 685.

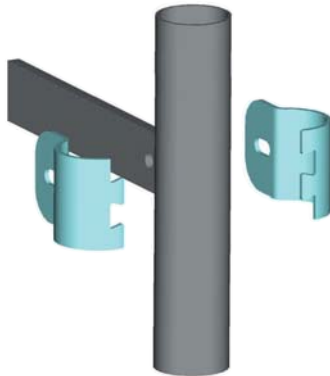


• Assembly

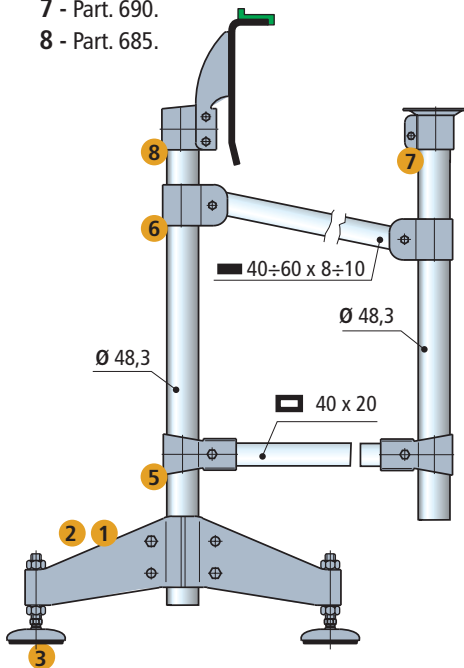
Part. 688



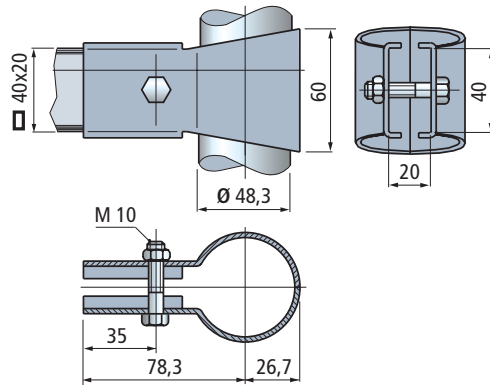
Part. 689



- 1 - Part. 706.
- 2 - Part. 707.
- 3 - Part. 623-627.
- 5 - Part. 688.
- 6 - Part. 689.
- 7 - Part. 690.
- 8 - Part. 685.



■ Connecting joints



Part.	Tube dia. mm	Rectangular tube mm	Code	Weight kg
688	48,3 (1" 1/2)	40x20	684552	0,35

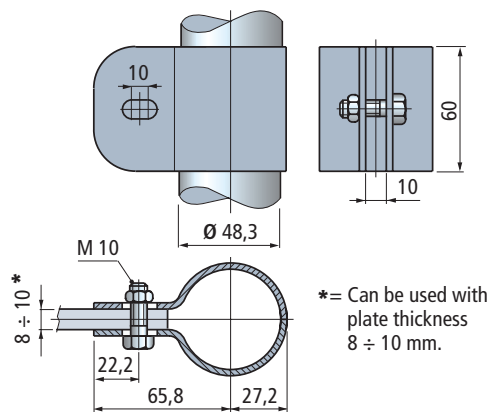
- Material : joint and bolts in stainless steel AISI 304.
- Packaging : 8 pieces.

Part. 688



New Product

■ Connecting joints



Part.	Tube dia. mm	Code	Weight kg
689	48,3 (1" 1/2)	684562	0,37
	50,8	609943*	

- * : available upon request and minimum order quantity.
- Material : joint and bolts in stainless steel AISI 304.
- Packaging : 8 pieces.

Part. 689

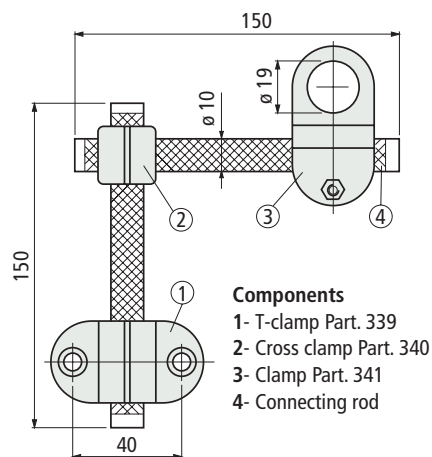


New Product

Part. 342



■ Assembly kit for photocells or sensors



Components

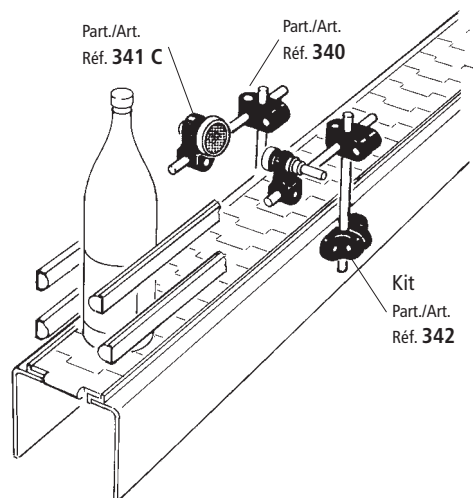
- 1- T-clamp Part. 339
- 2- Cross clamp Part. 340
- 3- Clamp Part. 341
- 4- Connecting rod

Part.	Code	Weight kg
342	605153N	0,14

- Material : clamps in reinforced polyamide PA FV (black), tightening bolt and connecting rods in stainless steel AISI 304.
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 Kit.

• Assembly of Part. 342

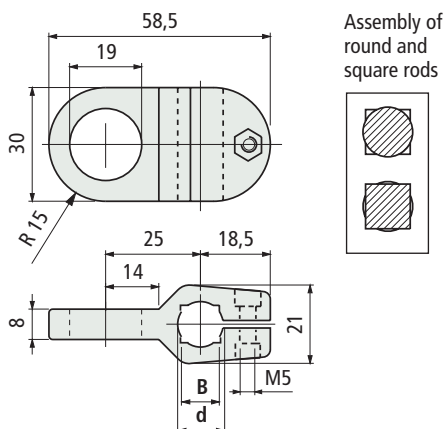
Dia. 18 mm photocells or sensors



Part. 341



■ Clamp for photocells or sensors



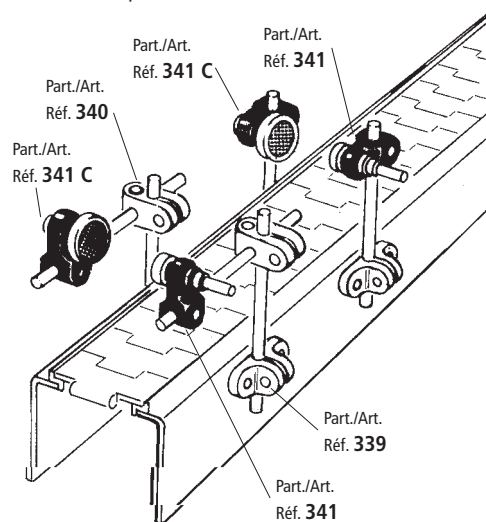
Assembly of
round and
square rods

Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
341	Stainless steel AISI 304	10	8	68383	0,02
		12	10	68395	
		14	12	67385	
	Zinc plated steel	10	8	627061	
		12	10	627071	
		14	12	627081	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

• Assembly of Part. 341

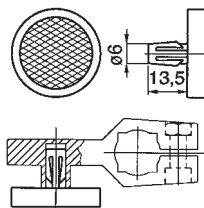
Dia. 18 mm photocells or sensors



• Assembly of Part. 341 C

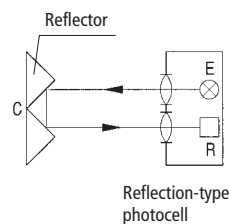
Types of reflectors that can be mounted :

Reflector with clip-on fixing pin: press-fit between clip and clamp hole.



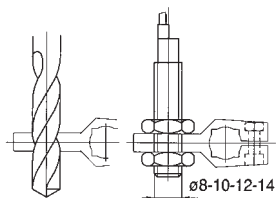
• Operating principle

The beam of light emitted by source E is reflected by reflector C and conveyed to receiver R. Reading is performed through interruption of the beam of light.

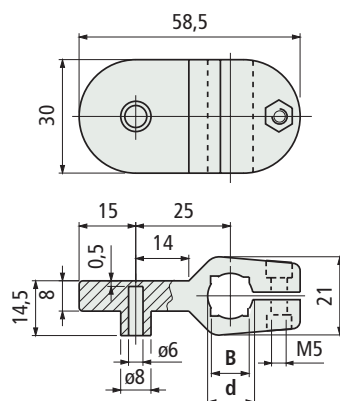


• Assembly of photocells or sensors

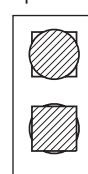
The clamp can also be drilled to hold dia. 8-10-12-14 mm photocells or sensors.



■ Clamp for reflectors



Assembly of round and square rods



Part.	Tightening bolt material	Rod dia. d mm	Square rod B mm	Code	Weight kg
341C	Stainless steel AISI 304	10	8	C6721500	0,02
		12	10	C6912500	
		14	12	C6913500	
	Zinc plated steel	10	8	C6270910	
		12	10	C6271010	
		14	12	C6271110	

- Material : clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 0,5 Kgm.
- Packaging : 50 pieces.

Part. 341C

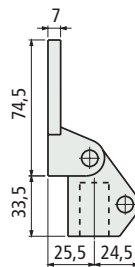


Part. 372

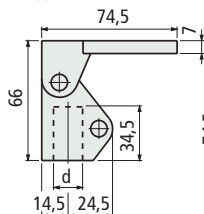
■ Universal clamp for photocells or reflectors

- Can be fitted in positions A - B - C

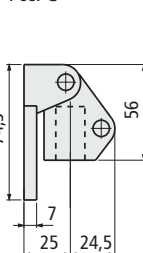
Pos. A



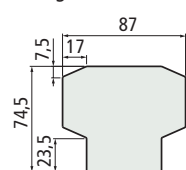
Pos. B



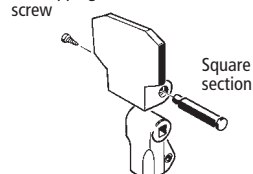
Pos. C



- Flange dimension



Self-tapping screw



Square section

Part.	Rod dia. d mm	Code	Weight kg
372	14	61786	0,12
	15	61796	
	16	61806	
	18	61816	
	20	61826*	

- Material : clamp in reinforced polyamide PA FV (black), tightening bolt in stainless steel AISI 304.

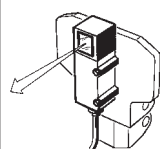
- State of supply : already assembled in position A

- Max recommended tightening torque : 1,5 Kgm.

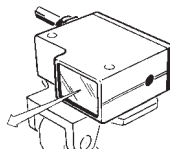
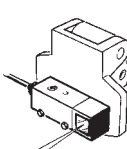
- Packaging : 50 pieces.

• Suitable photocell types

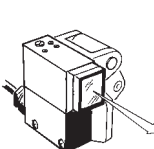
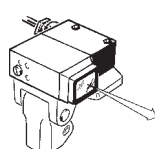
- Omron / E3S - R



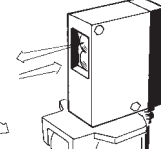
- Sick / WL 36



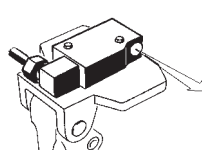
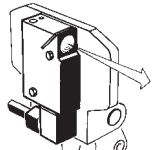
- Omron / E3A2



- Datalogic / RT 7

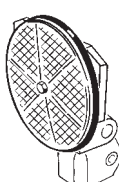


- Leuze / Rk 18

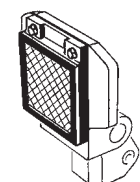


• Suitable reflector types

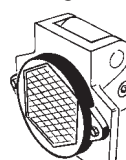
Diell / RL 110



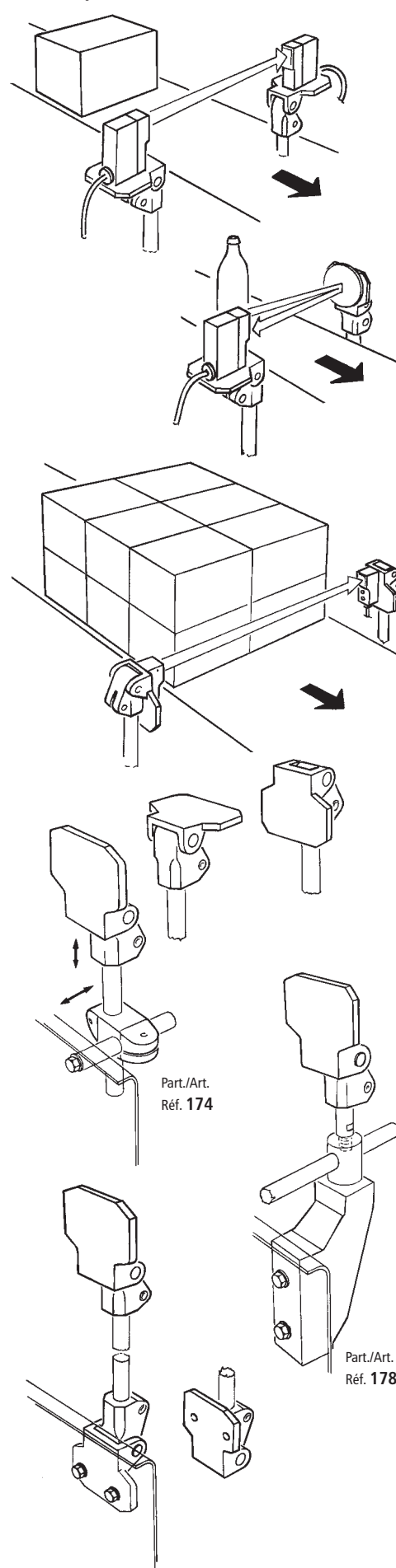
Sicest / RF - 230



Diell / RL 113
Datalogic / R2



• Assembly of Part. 372



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

• Use

Contact lever ideal to mechanically check the presence of products. Works in conjunction with photocells or magnetic sensor (proximity sensor).

• Versions

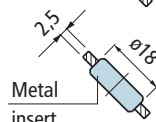
The control contact lever is supplied in three versions according to the type of sensor to be used.

1) With hole (no insert).



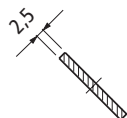
Sez A-A

2) With hole and metal insert (for magnetic sensor).



Sez A-A

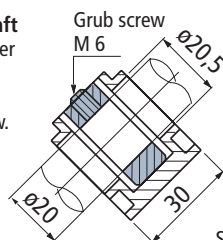
3) Without hole



Sez A-A

• Assembly on the shaft

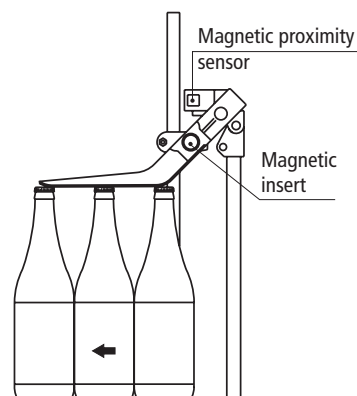
The control contact lever can be axially fixed on the shaft with a metal collar and a grub screw.



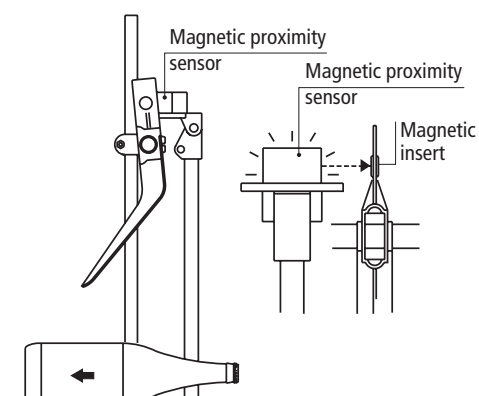
Sez B-B

• Assembly of Part. 518 (with insert for magnetic sensor)

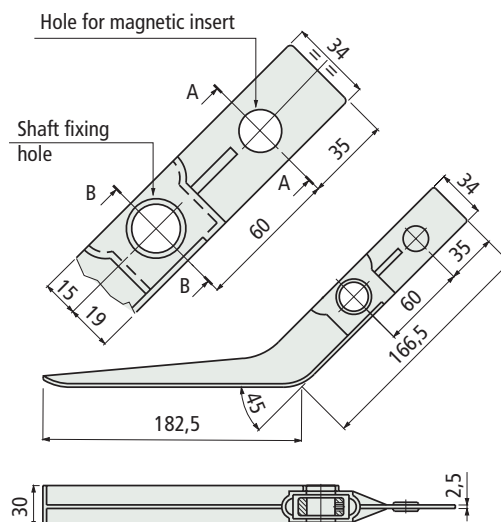
In regular conditions the control contact lever is high and magnetic proximity sensor does not detect the presence of magnetic insert.



In case of problem (example bottle downing) the control contact lever lowers and magnetic sensor detects the presence of magnetic insert and stops the conveyor.



■ Control contact lever



Part.	Version	Code	Weight kg
	With hole (no insert)	642941N	
518	With hole and metal insert	642951N	0,1
	Without hole	696021N	

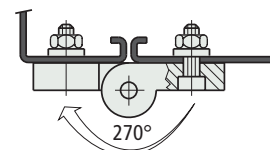
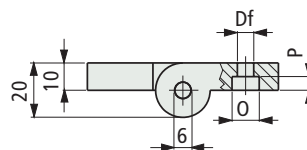
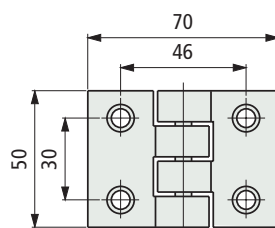
- Material : lever in polypropylene (black), insert (for magnetic sensor) in stainless steel AISI 430, locking spacer (for shaft fixing) in zinc plated steel.

- Packaging: 50 pieces.

Part. 518

Part. **337**

■ 270° hinge

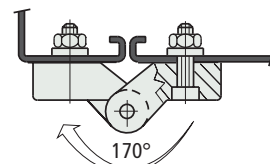
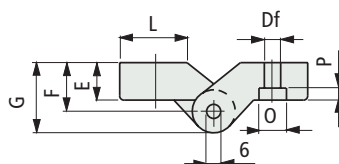
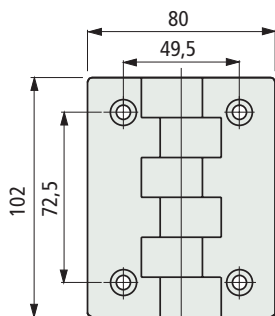


Part.	Fixing screws dia.	Code	Df dia. mm	Ø mm	P mm	Weight gr	Packaging No. of pieces
337	M 6	67023	6,5	10,5	6	55	24
	M 8	60334	8,5	13,5	4		

- Material : hinge in polyamide PA (black). Pin in stainless steel AISI 430 F.
- Max recommended tightening torque : 0,5 Kgm.

Part. **260**

■ 170° hinge

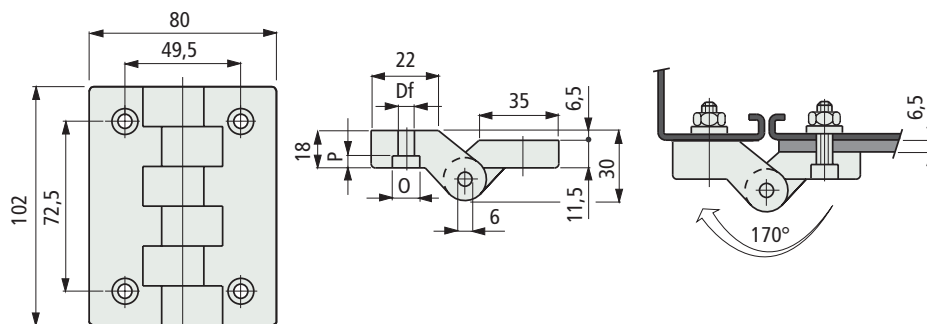


Part.	E mm	Fixing screws dia.	Code	ø Df mm	F mm	G mm	O mm	P mm	L mm	Weight gr	Packaging No. of pieces
260	11,5	M 6	65021	6,5	14,5	23,5	10,5	6	35	110	20
		M 8	66546	8,5			13,5	8			
	18	M 6	65011	6,5	21	30	10,5	6	22	130	
		M 8	66556	8,5			13,3	8			

- 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. **260**



Part.	Fixing screws dia.	Code	ø Df mm	0 mm	P mm	Weight gr	Packaging No. of pieces
260	M 6	65031	6,5	10,5	6	120	20
	M 8	66566*	8,5	13,5	8		

- Material : hinge in polyamide PA (black). Pin in stainless steel AISI 303.
- Max recommended tightening torque : 0,5 Kgm (with M6 screws), 1 Kgm (with M8 screws).



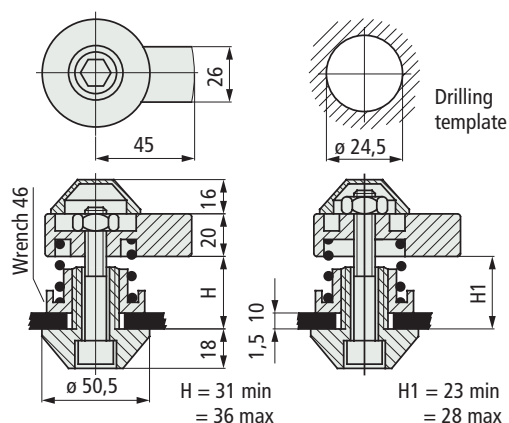
For misaligned mounting surfaces

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

Part. 272



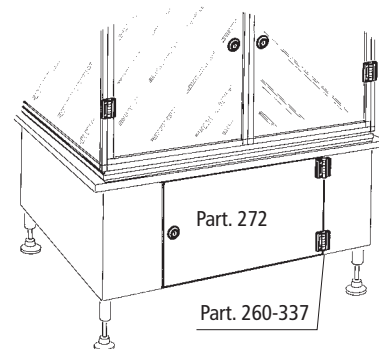
Lock

Assembly
drawing No. 1Assembly
drawing No. 2

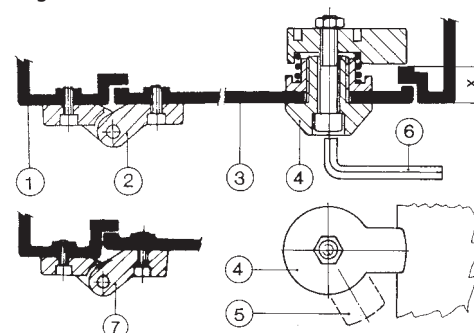
Part.	Code	Weight Kg
272	66771	0,2

- Material : body in reinforced polyamide PA FV (black), bolts, nuts and spring in stainless steel AISI 304.
- Use : closure of doors in machines for foodindustry (washing, bottling, etc).
- Packaging : 10 pieces.
- Operation with hexagonal bar 10 key.
- Key turn : 360 right or left.
- Assembly instructions :
Assembly lock as shown in assembly diagram 1, when the size X (Fig. 1) is suitable for assembly distance between 31÷36 mm. When X (Fig. 1) is between 23÷28 mm, follow assembly type 2.

• Assembly of Part. 272



• Fig. 1



- 1- Machine structure.
- 2- Hinge Part. 260-337.
- 3- Door.
- 4- Lock Part. 272 (in closed position).
- 5- Lock Part. 272 (in open position).
- 6- Lock key (with exagonal 10 wrench).
- 7- Hinge Part. 260 (for misaligned mounting surfaces).

Ratchet handle clamping

Part. **302**

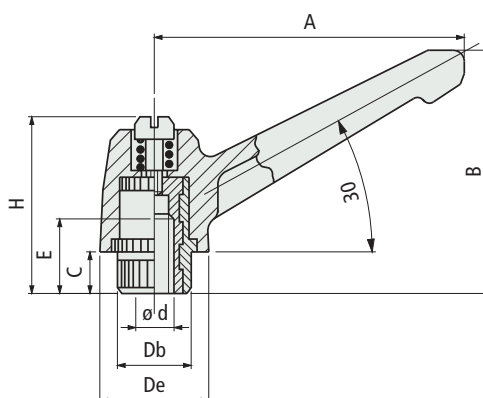
Part.	Bore dia. d	A mm	B mm	C mm	E mm	H mm	Db mm	De mm	Code
302	M 6	40	40	7	12	32	11,5	16	60902
	M 8	55	51	10	14	37	15	20	60862
	M 10	79	67	11	20	48	20	28	60962

- 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**

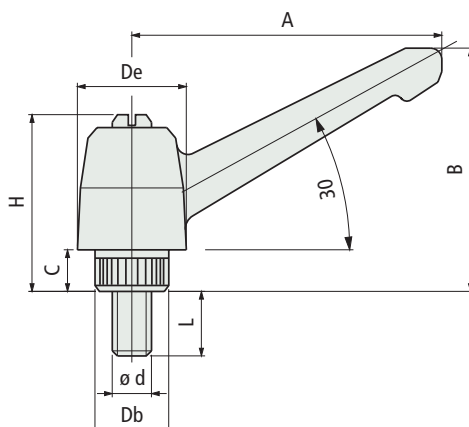
Part.	Bore dia. d	A mm	B mm	C mm	L mm	H mm	Db mm	De mm	Code
303	M 5	40	40	7	20	32	11,5	16	646742
	M 6	40	40	7	20	32	11,5	16	60922
	M 8	55	51	10	25	37	15	20	60872
	M 10	79	67	11	30	48	20	28	60942

- 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).

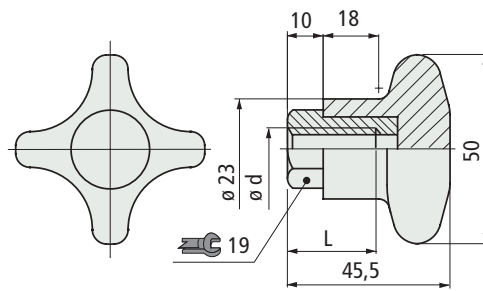
with d = M 10 (50 pieces).



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

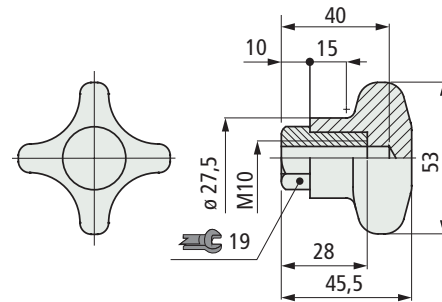
* = New product.

- Material : knob in reinforced polyamide PA FV (black).
- Max recommended tightening torque : 2,5 Kgm (manual tightening), 4 Kgm (tightening with wrench).
For high tightening torques apply a 19 mm wrench to the hexagon of the insert.
- Packaging : 50 pieces.

Part. 183



■ Tightening knob



Part.	Code
183	54921

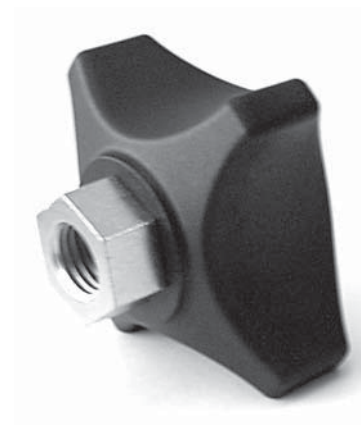
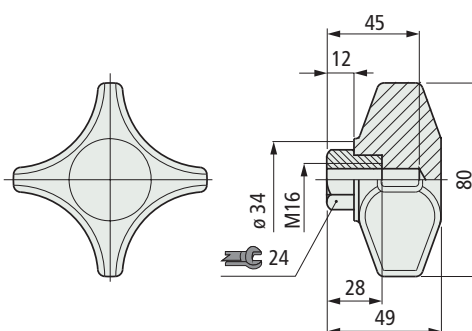
- Material : knob in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 2,5 Kgm (manual tightening), 4 Kgm (tightening with wrench).
For high tightening torques apply a 19 mm wrench to the hexagon of the insert.
- Packaging : 50 pieces.

■ Tightening knob

Part. **625**

Part.	Code
625	641372

- Material : knob in reinforced polyamide PA FV (black), threaded insert in nickel plated brass.
- Max recommended tightening torque : 3 Kgm (manual tightening), 5 Kgm (tightening with wrench).
- For high tightening torques apply a 24 mm wrench to the hexagon of the insert.
- Packaging : 50 pieces.

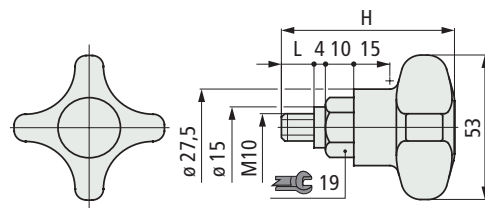


Part. 185

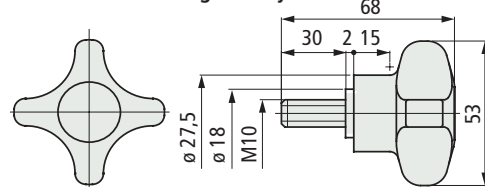


■ Tightening knob

Version with hexagonal key



Version without hexagonal key



Part.	Material knob	L mm	Code	H mm
Version with hexagonal key				
185	Reinforced Polyamide PA FV (black)	11	53081	61
	Reinforced Polypropylene PP FV (grey)	30	683832*	80
185	Reinforced Polypropylene PP FV (grey)	11	683902*	61
	Reinforced Polyamide PA FV (black)	—	698942*	—

* = New product.

- Use : version with knob in reinforced Polypropylene PP FV (grey), gives a better resistance to chemical agents.
- Material : knob in reinforced polyamide PA FV (black), (threaded insert in nickel plated brass). With knob in reinforced Polypropylene PP FV (threaded insert in stainless steel AISI 303).
- Max recommended tightening torque : 2,5 Kgm (manual tightening), 4 Kgm (tightening with wrench).
- For high tightening torques apply a 19 mm wrench to the hexagon of the insert.
- Packaging : 50 pieces.

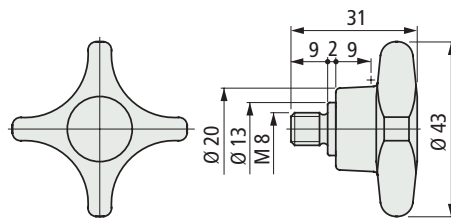
Part. 671



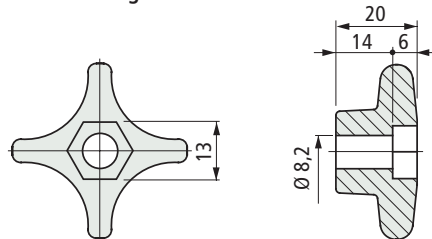
New
Product

■ Tightening knob

Version with threaded insert



Version with hexagonal seat



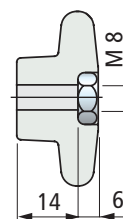
Part.	Version	Code
671	With threaded insert	676392
	With hexagonal seat	676402

- Supplied in reinforced Polypropylene PP FV, gives a better resistance to chemical agents.
- Material : knob in reinforced Polypropylene PP FV (grey), threaded insert in stainless steel AISI 303.
- Max admitted tightening torque : 1 Kgm (version with threaded insert).
- Packaging : 50 pieces.

• Example of application of version with hexagonal seat

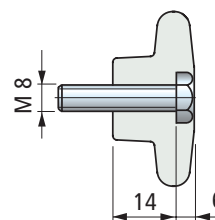
Use with nut

Apply a standard hexagonal M 8 UNI 5588, DIN 934.



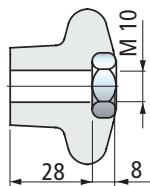
Use with screw

Apply an hexagonal head screw M 8 UNI 5739, DIN 933, ISO 4017.



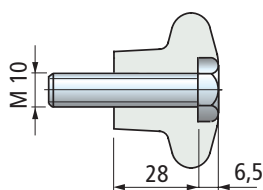
Use with nut

Apply a standard hexagonal M 10 UNI 5588, DIN 934.

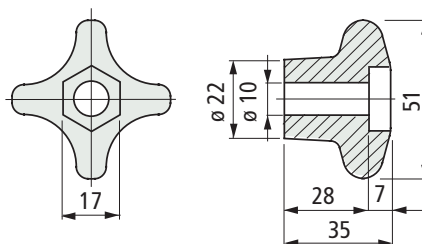


Use with screw

Apply an hexagonal head screw M 10 UNI 5739, DIN 933, ISO 4017.



■ Tightening knob



Part.	Code	Weight Kg
Reinforced Polyamide PA FV (black)		
734	693552	0,02
Reinforced Polypropylene PP FV (grey)		
734	693562	0,02

- Economical version (supplied without tightening elements).
- The version in reinforced Polypropylene PP FV, gives a better resistance to chemical agents.
- Packaging : 50 pieces.

Part. 734

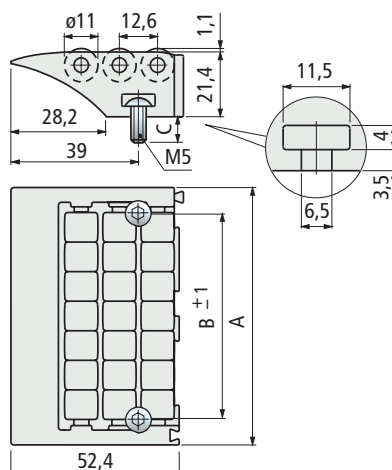


*New
Product*

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	

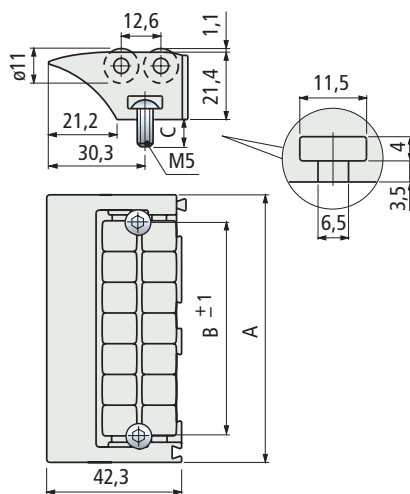
- Material : frame and rollers in acetal Rex-HP™ (dark grey) very low coefficient of friction. Roller pins in stainless steel AISI 303, screws in stainless steel AISI 304.
- Modularity : snap-on assembly with Part. 568.
- Packaging : 10 pieces.

Part. 672



*New
Product*

■ End transfer module (with lip)

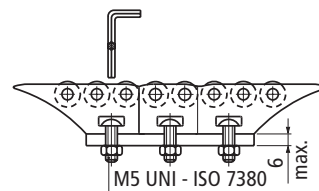


Part.	A mm	B mm	C mm	Code	Weight kg
672	85	67,6	Without screws	687412	0,09
			13	687422	
				675582	
	115	97	Without screws	687432	0,11
			7	687442	
			13	675592	

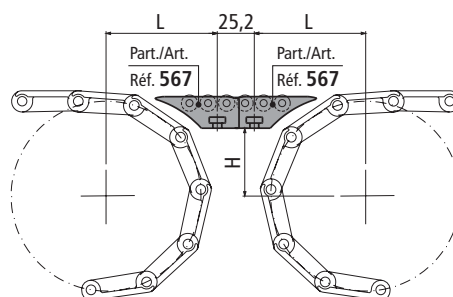
- Material : frame and rollers in acetal Rex-HP™ (dark grey) very low coefficient of friction. Roller pins in stainless steel AISI 303, screws in stainless steel AISI 304.
- Modularity : snap-on assembly with Part. 568.
- Packaging : 10 pieces.

• Fixing

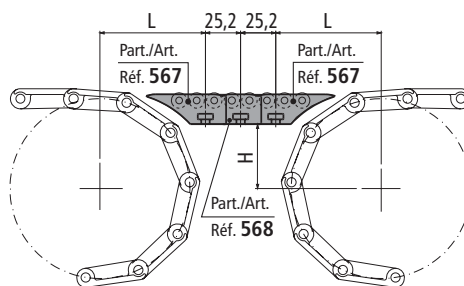
Screws are tightened with an hexagon key inserted between rollers.



• Head to tail transfer of small and light products.

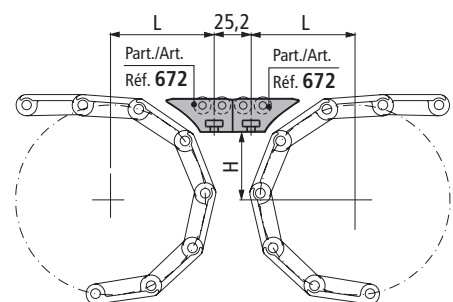


L and H see page S206.

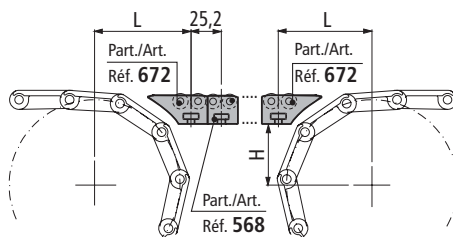


L and H see page S206.

Compact version.

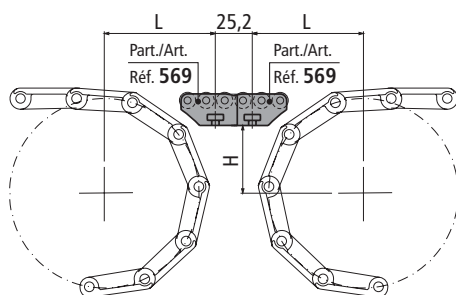


L and H see page S208.

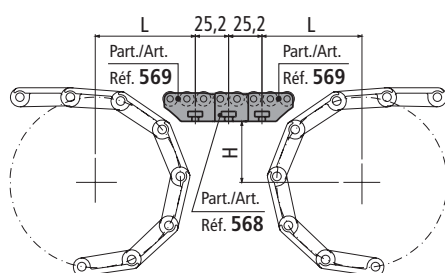


L and H see page S208.

• Head to tail transfer of big and heavy products.

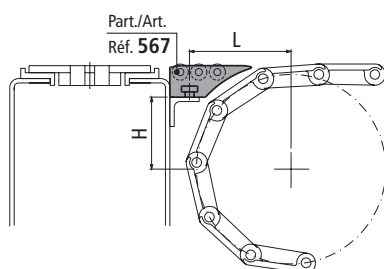


L and H see page S206.



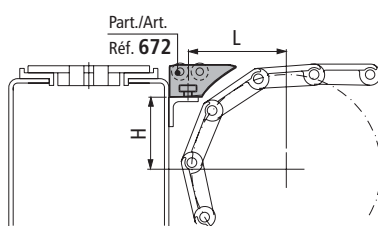
L and H see page S206.

• 90 transfer of small and light products.



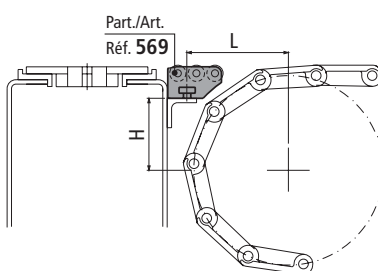
L and H see page S206.

Compact version.



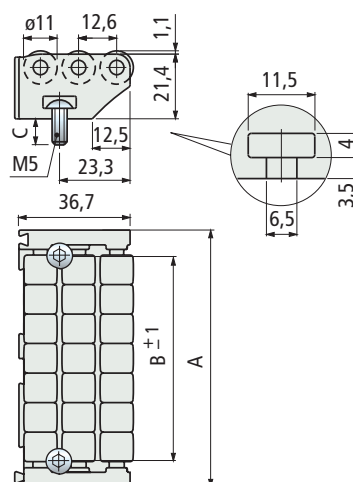
L and H see page S208.

• 90 transfer of big and heavy products.



L and H see page S206.

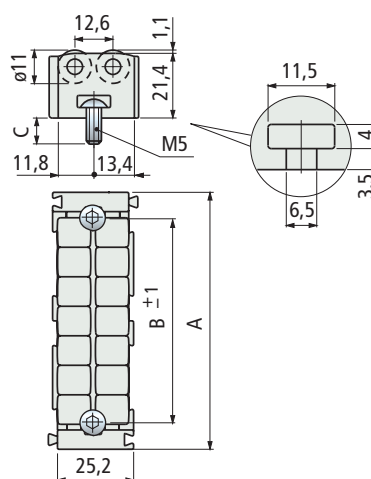
■ End transfer module



Part.	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.	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.

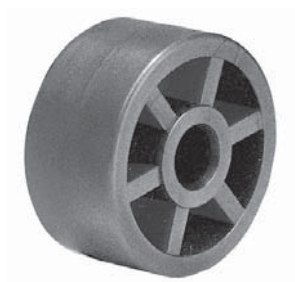
Part. 569



Part. 568

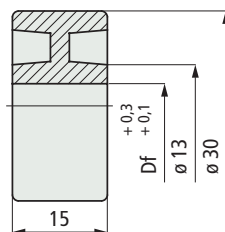


Part. 20-21

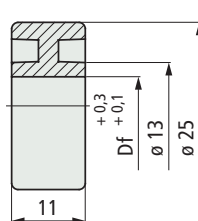


Rollers

Part. 20



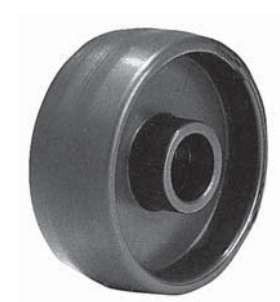
Part. 21



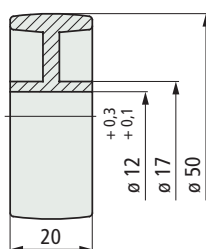
Part.	Bore dia. Df mm	Code
20	7	51410*
21	5,5	51420
	9,5	51430*
	10,5	51440*

- Material : polyamide PA (black).
- Packaging : 200 pieces.

Part. 16



Roller



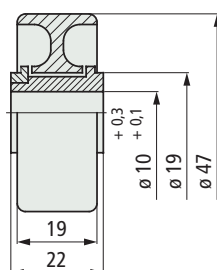
Part.	Code
16	51400

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

Part. 76



Roller



Part.	Code
76	51390

- Material : roller in acetal POM (orange), bush in polyamide PA (white).
- Packaging : 100 pieces.

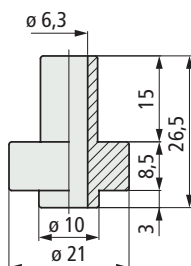
* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

Rollers

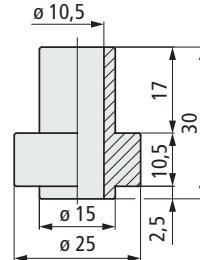
Part.	Code
63	51370
95	51380

- Material : acetal POM (white).
- Packaging : Part. 63 (500 pieces), Part. 95 (200 pieces).
- Part. 63 can be used as spare part in roller guides Part. 128-128 S-628 S.

Part. 63



Part. 95



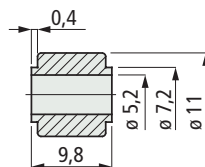
Part. 63-95



Roller

Part.	Code
363	64434

- Material : acetal Rex-LF® (light brown) very low coefficient of friction.
- Packaging : 5000 pieces.



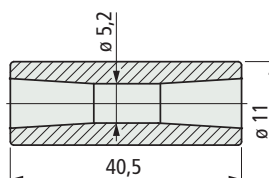
Part. 363



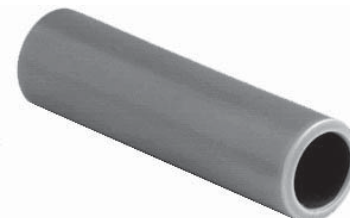
Roller

Part.	Code
455	614381

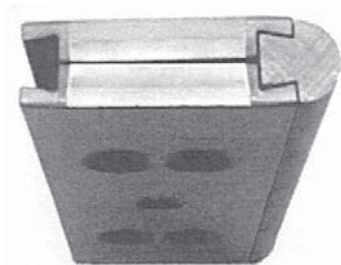
- Material : acetal Rex-LF® (light brown) very low coefficient of friction.
- Packaging : 500 pieces.



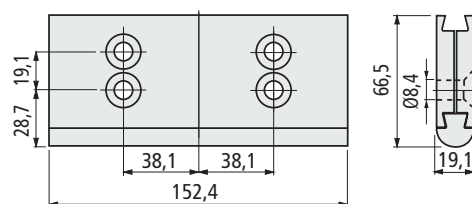
Part. 455



Part. 905



Modular "Nose-Over" bar standard profile

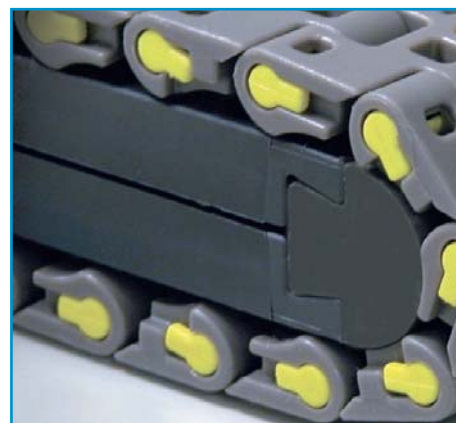


Part.	Code	Weight Kg
905	655711	0,18

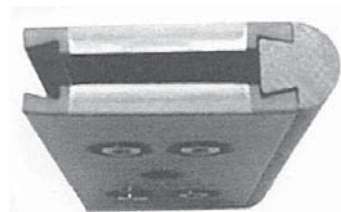
- Material : clamp in polyamide PA (black), sliding profile in Nylatron®.
- Packaging : 1 pieces.

Use of Part. 905

Head to tail transfer with MatTop® chain Series 1500.

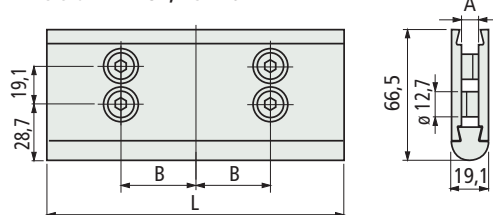


Part. 905

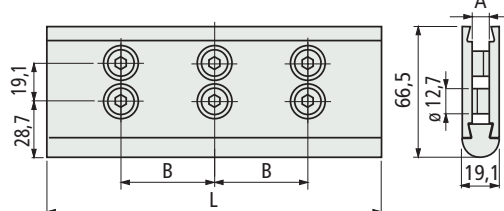


Modular "Nose-Over" bar low profile

Version L = 152,4 e 170



Version L = 255

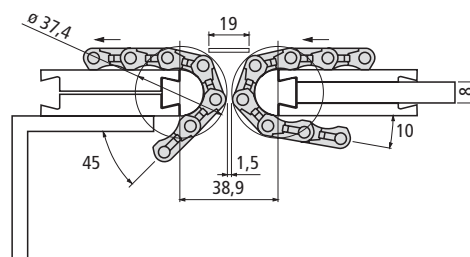


Part.	L mm	B mm	Hardware	A	Code	Weight Kg
905	152,4	38,1	M6	8 mm	655721	0,18
	170	42,5	M6	8 mm	655731	0,20
	255	85	M6	8 mm	656291*	0,31

* = New product.

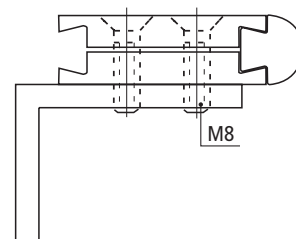
- Material : clamp in polyamide PA (black), sliding profile in Nylatron®, steel hardware.
- Packaging : 1 pieces.

Assembly of Part. 905

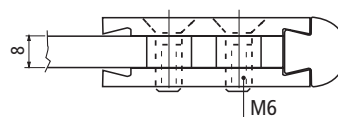


Modular nose-over bar standard

N4 M8 socked flat head cap screws UNI 5933.

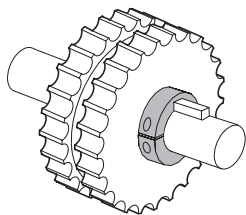


Assembly of "Nose-Over" bar with 8 mm plate

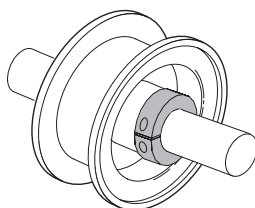


• Assembly of Part. 612 (with round bore)

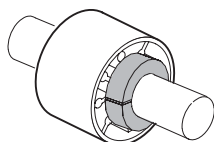
- With sprockets



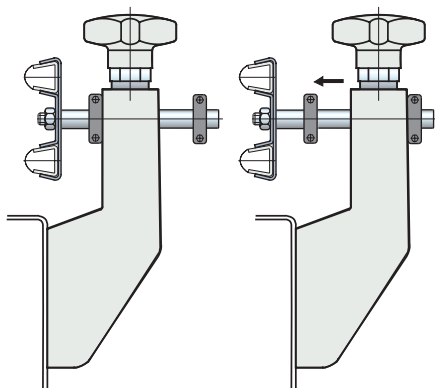
- With idler wheels



- With rollers

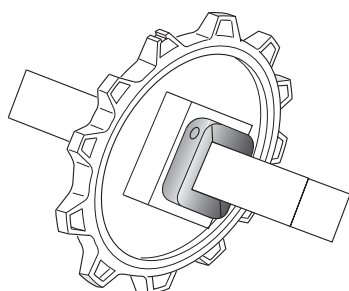


- With side brackets

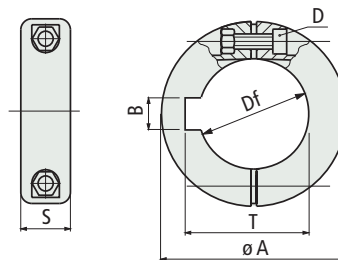


• Assembly Part. 612 (with square bore)

- Ideal for the loking of MatTop.® sprockets.
- Version in reinforced Polyamide PA FV, gives better resistance at high temperatures.
- Version in reinforced Polypropylene PP FV gives better resistance against chemical agents.



■ Split shaft collar (with round bore)

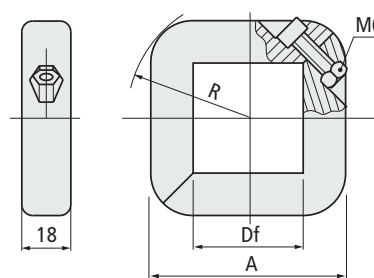


Part.	Bore dia. Df mm	Inch	øA mm	S mm	B mm	T mm	D	Code	Weight kg
Without seat keyway									
612	12	—	30	11,7	—	—	M4	655062	—
	—	1/2"	30	11,7	—	—	M4	655072	—
	14	—	30	11,7	—	—	M4	655082	—
	16	5/8"	35	11,7	—	—	M4	655092	—
	18	—	40	14	—	—	M4	614712	0,018
	—	3/4"	40	14	—	—	M4	655102	—
	20	—	40	14	—	—	M4	614722	0,019
	25	—	45	14	—	—	M4	619452	0,022
	30	—	50	16	—	—	M4	640602	0,026
	—	1 1/4"	50	16	—	—	M4	608463*	—
	—	1 1/2"	63,5	18	—	—	M5	611283*	—
	40	—	63,5	18	—	—	M5	686232*	0,040
With seat keyway									
612	25	—	45	14	8	28,3	M4	683812*	0,022
	—	1"	45	14	6,4	28,58	M4	655112	—
	30	—	50	16	8	33,3	M4	614732	0,026
	—	1 1/4"	50	16	6,4	34,98	M4	655122	—
	35	—	63,5	18	10	38,3	M5	614742	0,030
	—	1 7/16"	63,5	18	9,58	41,02	M5	605043*	—
	—	1 1/2"	63,5	18	9,58	42,65	M5	655132	—
	40	—	63,5	18	12	43,3	M5	615012	0,040

* = New product.

- Material : collar in reinforced polyamide PA FV (black), tightening bolt in stainless steel AISI 304.
- Max recommended tightening torque : 0,3 Kgm.
- Packaging : 100 pieces.

■ Split shaft collar (with square bore)



Part.	Square bore Df mm	Inch	Material Polyamid PAFV (black)	Material Polypropylene PPFV (black)	Material Polypropylene PPFV (white)	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



Part. 612

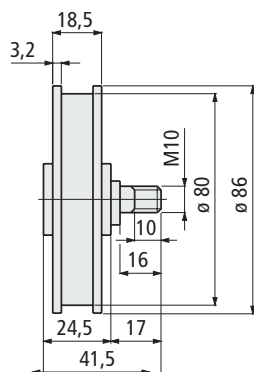


New
Product

Part. 79



Winding tensioner



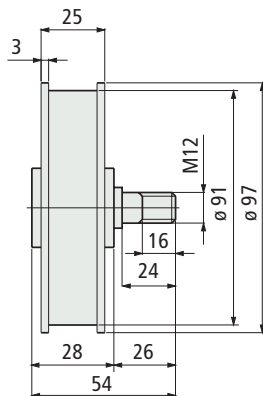
Part.	Load gr.	Winding travel mm	Direction of travel	Code
79	0÷2000	2000	right	672622
			left	672632

- Noise reduction.
- Material : pulley in polyamide PA (orange), pin in brass.
- Packaging : 10 pieces.

Part. 75



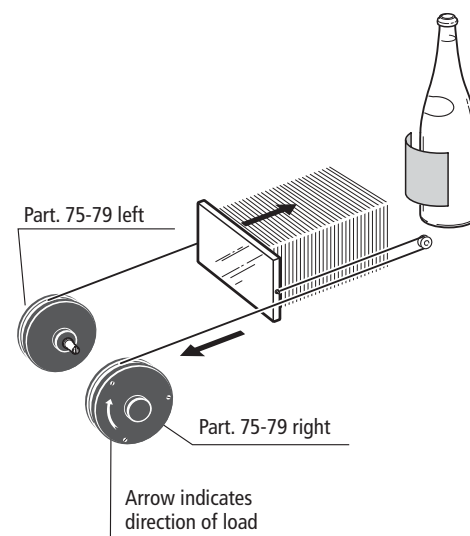
Winding tensioner



Part.	Load gr.	Winding travel mm	Direction of travel	Code
75	0÷4000	2500	right	672642N
			left	672652N
	0÷2800*	600	right	672662N
			left	672672N

- Noise reduction.
- * = Unwinding the spring, the load is almost constant (10/20% loss of load).
- Material : pulley in reinforced polyamide PA FV (black), pin in brass.
- Packaging : 10 pieces.

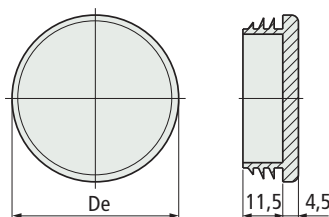
Assembly of Part. 79-75



• Assembly of Part. 666



■ Closing caps (for round tubes)



Tube dimensions					
Part.	Outside dia. mm	Thickness min. mm	Thickness max. mm	Code	De mm
666	Ø 38,1	1	3,5	671142	38
	Ø 42,4 (1" 1/4)	1	2,5	671152	42
	Ø 48,3 (1" 1/2)	1,2	3,6	671162	48

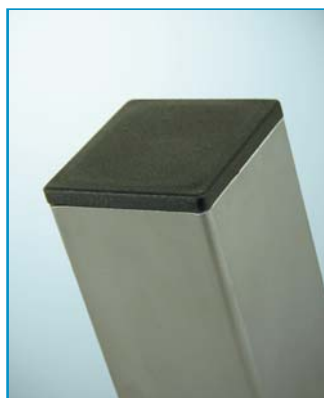
- Material : polyethylene PE (black).
- Packaging : 50 pieces.

Part. 666

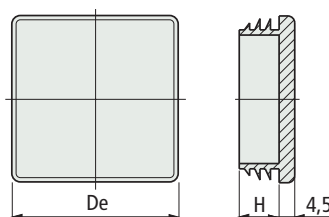


New Product

• Assembly of Part. 667



■ Closing caps (for square tubes)



Tube dimensions						
Part.	Outside mm	Thickness min. mm	Thickness max. mm	Code	De mm	H mm
667	40x40	1	3	671172	40	14
	50x50	1	2,5	671182	50	14,5

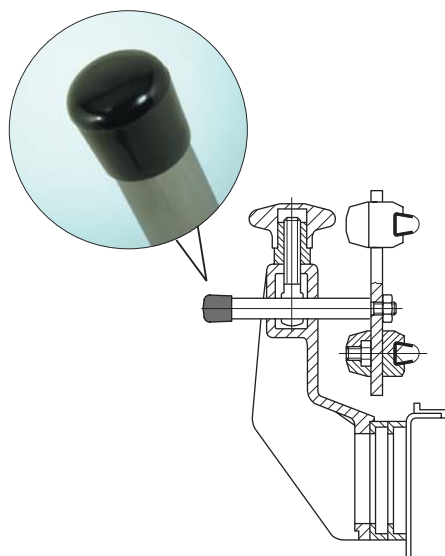
- Material : polyethylene PE (black).
- Packaging : 50 pieces.

Part. 667

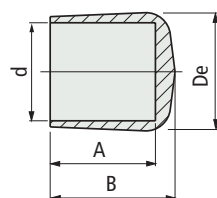


New Product

• Assembly of Part. 668



■ Safety caps (for round tubes)



Part.	Pin dia. d mm	Code		Ø De mm	A mm	B mm
		Black	Orange			
668	12	671192	611263	16	15	18,5
	14	671202	611273	18	16,5	21
	16	671212	-	20	22	26
	20	671222	-	24,5	21,5	25,5

- Material : PVC rubber.
- Packaging : 50 pieces.

Part. 668

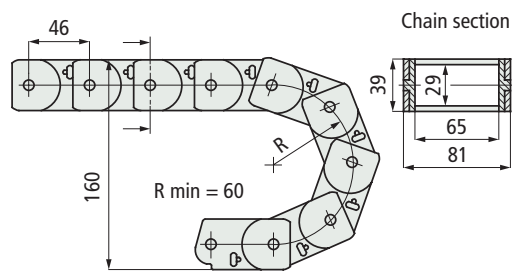


New Product

Part. 112



■ Cable carriage chain



Part.

112

Code

51610

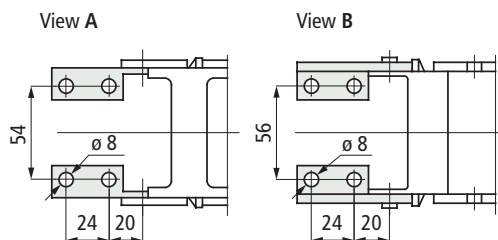
- Use : for carrying cables and hoses in the machine and protecting them from tensile and torsional stress.
- Material : polyamide PA (black).
- Assembly of engaged links : the engagement system allows a quick easy dismantling.
- Packaging : 5 metres.

Accessories

Part. 114



■ Attachments



Part.

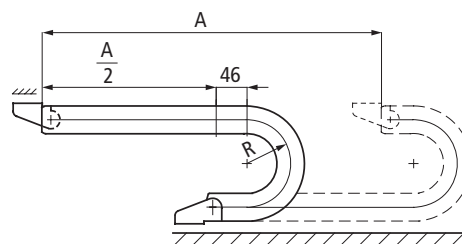
114

Code

59040*

- Material : zinc plated steel.
- State of supply : complete with No. 4 connections.
- Packaging : 5 kit.

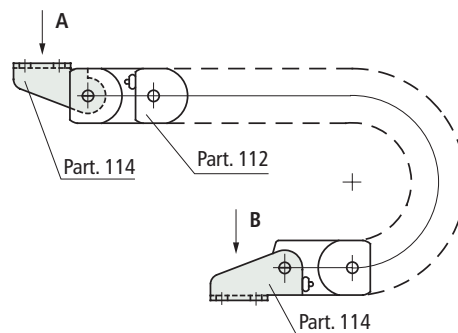
• Calculation of chain length L



$$L = \frac{A}{2} + \pi R + (46 \cdot 2)$$

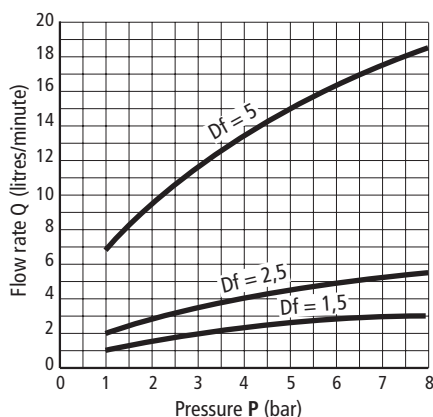
- L = chain length (mm).
- A = chain stroke (mm).
- R = curving radius (mm).

• Assembly of Part. 114

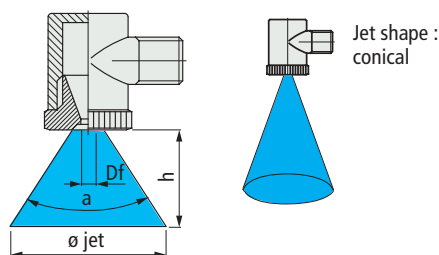


* : items highlighted are made to order and not in stock, minimum quantity may apply, consult our customer service for availability.

• Capacity diagram of Part. 19



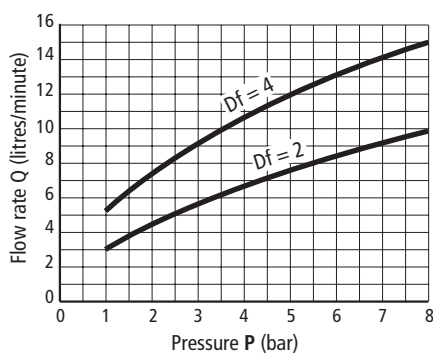
• Dimensions and jet shape of Part. 19



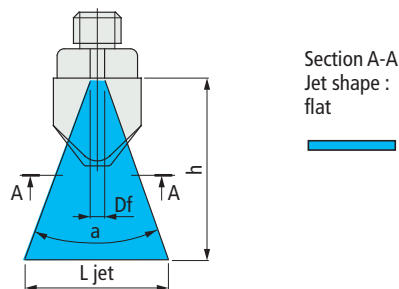
Bore dia. Df mm	outlet angle a	Jet dia. mm	distance h mm
1,5	18	160	500
2,5	22	200	500
5	60	600	500

Tests performed at 2 bar pressure.

• Capacity diagram of Part. 18



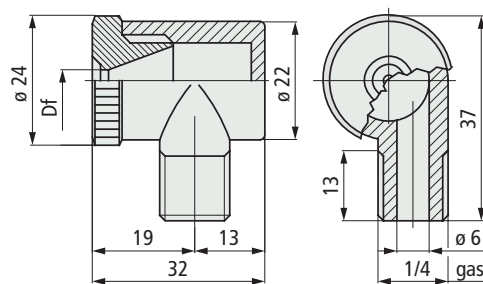
• Dimensions and jet shape of Part. 18



Bore dia. Df mm	outlet angle a	Jet width L mm	distance h mm
2	28	250	500
4	18	160	500

Tests performed at 2 bar pressure.

■ Nozzle conical shape



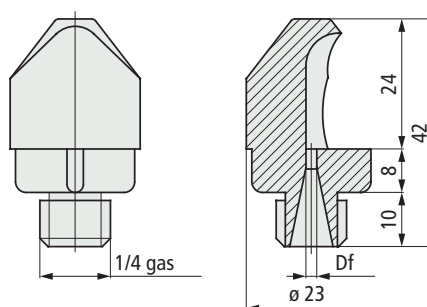
Part.	Bore dia. Df mm	Code
19	1,5	51450*
	2,5	51460
	5	51470*

- Use : washing equipment.
- Material : polyamide PA (black).
- Max operating temperature in contact with hot water : 70 C.
- Packaging : 100 pieces.

Part. 19



■ Nozzle shell shape



Part.	Bore dia. Df mm	Code
18	2	51480
	4	51490

- Use : washing equipment.
- Material : polyamide PA (white).
- Max operating temperature in contact with hot water : 70 C.
- Packaging : 200 pieces.

Part. 18



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

Calculation of thermal expansion

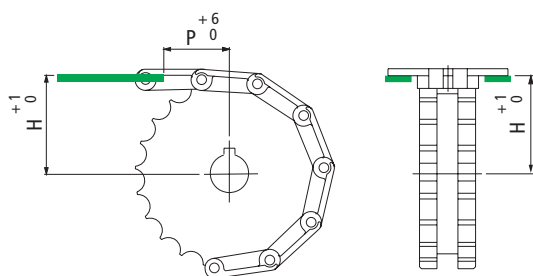
$$L_t = L_0 \cdot [1 + a \cdot (T - 20^{\circ}\text{C})]$$

L_t = final length (mm.)
 L_0 = initial length (mm.)
 a = coefficient of linear expansion.
 T = operating temperature (°C).
20 °C = ambient temperature.

Example :

aguide having initial length $L_0 = 1000$ mm, coefficient of linear expansion 2×10^{-4} , and an operating temperature of 70 °C, expands by :

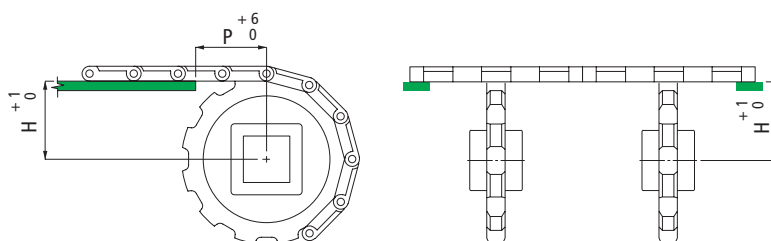
$$L_t = 1000 \text{ mm} \cdot [1 + 0,0002 \cdot (70^{\circ}\text{C} - 20^{\circ}\text{C})] = 1010 \text{ mm}$$



Position of chain guide profiles for TableTop® chains

Chain	H mm	P mm
512 - 802 - 805 - 812 - 815 - 820 - 821 - 881 - 881 M - 8811 - 8811 TAB - SLBP 821	(Dp:2) + 3,2	40
831 - XLBP 831	(Dp:2) + 2,4	40
880 - 880 TAB - 880 BO	(Dp:2) + 3,6	40
879 - 879 TAB - 879 BO - LBP 879 BO	(Dp:2) + 2,8	40
882 - 882 TAB - SLBP 882 TAB - LBP 883	(Dp:2) + 4,8	40
866 - 963 - 1864 - 1873 - 1874 - 2873 - 3873	(Dp:2) + 11	40
1700K - 1700TABK - AC1700K - 1701 - 1790K - 1701TABK - 1702 - 1716K -	(Dp:2) - 12	50
1710K - 1710TABK - 1713K - 1713TABK	(Dp:2) - 12	50

Dp = primitive diameter of drive sprocket - mm.



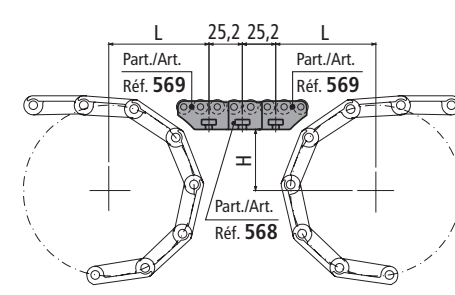
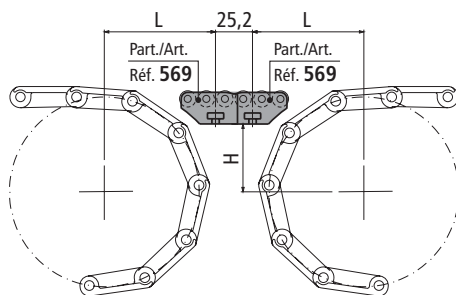
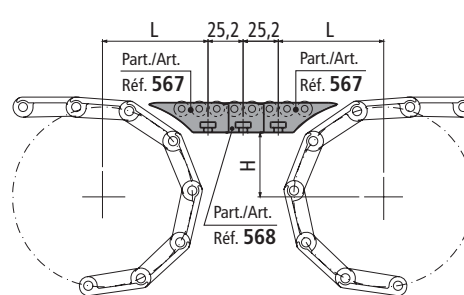
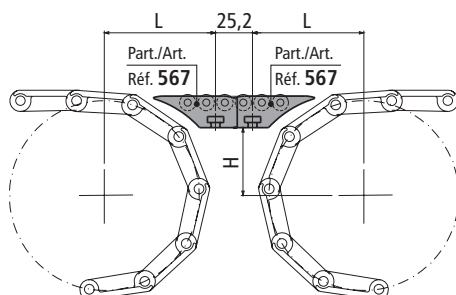
Position of chain guide profiles for MatTop® chains

Chain	H mm	P mm
1505 - 1506	(Dp:2) - 4,95	25
2100	(Dp:2) - 4,37	25
4705 - 4706 - 4707 - 4705 Vacuum - 4803 - 5705 - 5706	(Dp:2) - 6,35	38
4812	(Dp:2) - 5,2	38
4809	(Dp:2) - 7,9	57
5935 - 5936 - 5935 Vacuum - 8505 - 8506	(Dp:2) - 4,35	19
5996 - 5997 - 5998	(Dp:2) - 9,1	57
6390 - 6391 - 6392	(Dp:2) - 7,0	50
7705 - 7706	(Dp:2) - 6,35	25
7956	(Dp:2) - 6,35	32

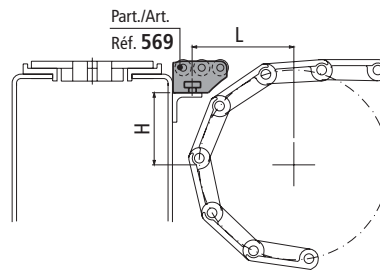
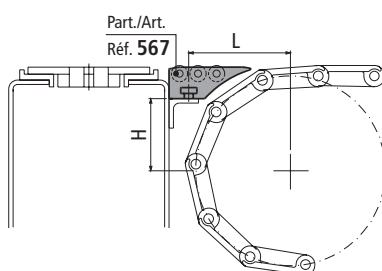
Dp = primitive diameter of drive sprocket - mm.

Position of transfer modules Part. 567-568-569

• Head to tail transfer



• 90° transfr



H, L dimensions for TableTop® chains

Chain	Z 15		Z 17		Z 19		Z 21		Z 23		Z 25		Z 27		Z 29	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
802 - 805 - 812 - 815 - 881	30,9	64,6	36,8	65,8	42,8	67,0	48,7	68,1	54,7	69,2	60,7	70,2	66,7	73,0	72,7	75,3
881 M - 8811 - 8811 TAB	30,9	64,6	36,8	65,8	42,8	67,0	48,7	68,1	54,7	69,2	60,7	70,2	66,7	73,0	72,7	75,3
512	45,2	67,4	53,2	68,9	61,3	70,3	69,3	74,0	—	—	—	—	—	—	—	—
1864 - 1874 - 4874	37,3	73,2	43,3	74,8	49,4	76,2	55,4	77,6	61,5	75,4	67,5	77,9	—	—	—	—
820	31,5	65,4	37,4	66,7	43,4	67,9	49,3	69,0	55,3	70,1	61,3	71,3	67,3	73,7	73,3	76,0
821	32,3	65,8	38,2	67,1	44,2	68,3	50,1	69,4	56,1	70,6	62,1	71,6	68,1	72,7	74,1	73,7
843	17,1	65,9	21,2	67,1	25,2	68,2	29,2	69,3	33,2	70,3	37,3	71,3	—	—	—	—
845	17,1	63,9	21,2	64,9	25,2	66,0	29,2	67,0	33,2	67,9	37,3	68,8	—	—	—	—
963	37,3	73,5	43,3	75,0	49,4	76,4	55,4	77,8	61,5	75,5	67,5	78,1	—	—	—	—
1873 - 1853 - 853	37,3	68,6	43,3	69,9	49,4	71,2	55,4	72,3	61,5	72,5	67,5	74,9	73,5	77,3	—	—
1843	17,9	63,9	22,0	64,9	26,0	66,0	30,0	66,9	34,0	67,9	38,1	68,8	—	—	—	—
812 Rub. Top - 881 Rub. Top	32,9	65,0	38,8	66,2	44,8	67,3	50,7	68,4	56,7	69,5	62,7	71,4	68,7	73,8	74,7	76,1
802 Rub. Top	33,9	65,2	39,8	66,4	45,8	67,5	51,7	68,6	57,7	69,7	63,7	71,8	69,7	74,2	75,7	76,5
HFP 820	33,5	65,1	39,4	66,3	45,4	67,5	51,3	68,6	57,3	69,6	63,3	71,6	69,3	74,0	75,3	76,3
HFP 821	34,3	65,3	40,2	66,5	46,2	67,6	52,1	68,7	58,1	69,7	64,1	72,0	70,1	74,3	76,1	76,6
HFP 867 - HFP 1877 - HFP 1873	40,3	66,5	46,3	67,6	52,4	68,7	58,4	69,8	64,5	72,1	70,5	74,5	76,5	76,8	—	—
SLBP 821	47,3	67,8	53,2	68,9	59,2	69,9	65,1	72,4	71,1	74,7	77,1	77,0	—	—	—	—

Chain	Z 9		Z 10		Z 11		Z 12		Z 13		Z 14		Z 15	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L
880 TAB, 879 TAB	40,8	66,6	46,7	67,7	52,7	68,8	58,7	69,9	64,7	72,2	70,7	74,6	76,7	76,8
882 TAB	42,7	66,9	48,6	68,1	54,6	69,1	60,6	70,2	—	—	—	—	—	—
LPC 279	50,2	68,3	56,1	69,4	62,1	71,2	68,1	73,5	74,1	75,8	—	—	—	—
HFP 880 TAB	42,8	67,0	48,7	68,1	54,7	69,2	60,7	70,2	66,7	73,0	72,7	75,3	—	—
HFP 882 TAB	45,2	67,4	51,1	68,5	57,1	69,6	63,1	71,6	—	—	—	—	—	—
SLBP 882 TAB	57,2	69,6	63,1	71,6	69,1	73,9	75,1	76,2	—	—	—	—	—	—

Chain	Z 12		Z 16		Z 21		Z 23		Z 24		Z 25		Z 27		Z 32	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
1505 - 1506	11,5	60,0	20,9	62,3	—	—	—	—	40,0	66,4	—	—	—	—	59,0	69,9
4705 - 4706 - 5705 - 5706	57,5	69,6	—	—	48,5	68,0	54,5	69,1	57,5	69,6	60,5	70,2	66,5	72,9	—	—
HFP 5705	—	—	—	—	51,0	68,5	57,0	69,9	60,0	70,1	63,0	71,5	69,0	73,9	—	—

H, L dimensions for
MatTop® chains

Chain	Z 7		Z 8		Z 9		Z 10		Z 11		Z 12		Z 13		Z 19	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
2100	—	—	—	—	—	—	—	—	27,0	63,7	—	—	9,2	59,3	59,1	69,9
4812	—	—	32,5	64,9	—	—	—	—	—	—	56,3	69,4	—	—	—	—
5996	52,5	68,8	—	—	70,1	74,3	—	—	—	—	—	—	—	—	—	—
6390 - 6391 - 6392	—	—	49,8	68,3	—	—	65,4	72,5	—	—	—	—	—	—	—	—

Chain	Z 10		Z 16		Z 18		Z 21		Z 24		Z 25		Z 31			
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
5935 - 5936 - 8505 - 8506	13,0	60,4	—	—	—	—	—	—	55,6	69,3	58,6	69,8	76,9	76,9	—	—
7705 - 7706	—	—	49,0	68,1	57,0	69,6	69,1	73,9	—	—	—	—	—	—	—	—

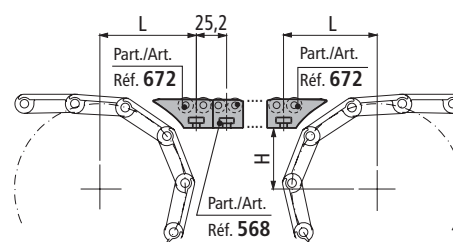
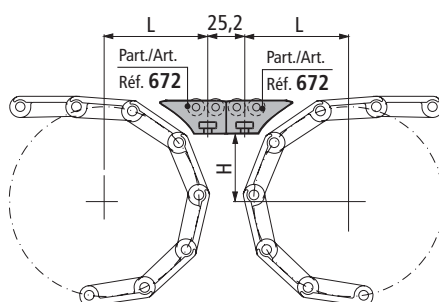
Chain	Z 28			
	H	L	H	L
500	38,6	66,1	—	—
505	40,6	66,5	—	—

H, L dimensions for
MCC chains

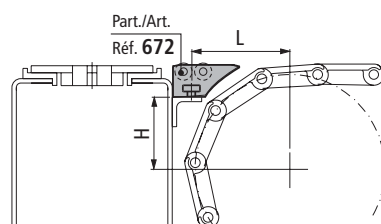
Chain	Z 10		Z 12		Z 13		Z 15		Z 16		Z 18		Z 20		Z 21	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
1000	—	—	31,0	64,6	—	—	—	—	47,0	67,8	55,0	69,2	63,1	70,6	—	—
1005	—	—	—	—	—	—	—	—	—	—	57,0	69,6	—	—	69,1	73,9
1050	—	—	—	—	—	—	—	—	54,8	69,2	62,8	71,5	—	—	—	—
1055	—	—	—	—	—	—	—	—	58,8	69,9	66,8	73,1	—	—	—	—
1255	35,3	65,5	—	—	50,2	68,4	60,3	70,1	65,3	72,4	—	—	—	—	—	—

Position of transfer modules Part. 672-568

• Head to tail transfer



• 90° transfr



H, L dimensions for TableTop® chains

Chain	Z 15		Z 17		Z 19		Z 21		Z 23		Z 25		Z 27		Z 29	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
802 - 805 - 812 - 815 - 881	30,9	56,8	36,8	58,2	42,8	60,9	48,7	63,7	54,7	66,3	60,7	68,8	66,7	71,2	72,7	73,5
881 M - 8811 - 8811 TAB	30,9	56,8	36,8	58,2	42,8	60,9	48,7	63,7	54,7	66,3	60,7	68,8	66,7	71,2	72,7	73,5
512	45,2	62,0	53,2	65,6	61,3	69,0	69,3	72,2	—	—	—	—	—	—	—	—
1864 - 1874 - 4874	37,3	65,0	43,3	65,3	49,4	68,2	55,4	70,9	61,5	73,6	67,5	76,1	—	—	—	—
820	31,5	57,6	37,4	59,0	43,4	61,6	49,3	64,3	55,3	67,0	61,3	69,5	67,3	71,9	73,3	74,2
821	32,3	58,0	38,2	59,4	44,2	62,1	50,1	64,8	56,1	67,4	62,1	69,9	68,1	72,3	74,1	74,7
843	17,1	57,3	21,2	58,6	25,2	59,8	29,2	61,0	33,2	62,1	37,3	63,2	—	—	—	—
845	17,1	55,4	21,2	56,6	25,2	57,8	29,2	58,9	33,2	59,9	37,3	60,9	—	—	—	—
963	37,3	65,2	43,3	65,4	49,4	68,3	55,4	71,1	61,5	73,7	67,5	76,3	—	—	—	—
1873 - 1853 - 853	37,3	60,7	43,3	62,6	49,4	65,4	55,4	68,1	61,5	70,7	67,5	73,1	73,5	75,5	—	—
1843	17,9	55,5	22,0	56,7	26,0	57,8	30,0	58,9	34,0	59,9	38,1	60,9	—	—	—	—
812 Rub. Top - 881 Rub. Top	32,9	57,3	38,8	58,6	44,8	61,9	50,7	64,6	56,7	67,1	62,7	69,6	68,7	72,0	74,7	74,3
802 Rub. Top	33,9	57,5	39,8	58,8	45,8	62,3	51,7	65,0	57,7	67,5	63,7	70,0	69,7	72,4	75,7	74,7
HFP 820	33,5	57,4	39,4	58,8	45,4	62,1	51,3	64,8	57,3	67,4	63,3	69,8	69,3	72,2	75,3	74,5
HFP 821	34,3	57,6	40,2	58,9	46,2	62,5	52,1	65,2	58,1	67,7	64,1	70,2	70,1	72,5	76,1	74,8
HFP 867 - HFP 1877 - HFP 1873	40,3	59,0	46,3	62,6	52,4	65,3	58,4	67,8	64,5	70,3	70,5	72,7	76,5	75,0	—	—
SLBP 821	47,3	63,0	53,2	65,6	59,2	68,2	65,1	70,6	71,1	72,9	77,1	75,2	—	—	—	—

Chain	Z 9		Z 10		Z 11		Z 12		Z 13		Z 14		Z 15			
	H	L	H	L	H	L	H	L	H	L	H	L	H	L		
880 TAB, 879 TAB	40,8	59,1	46,7	62,8	52,7	65,4	58,7	68,0	64,7	70,4	70,7	72,8	76,7	75,0		
882 TAB	42,7	60,9	48,6	63,6	54,6	66,2	60,6	68,7	—	—	—	—	—	—		
LPC 279	50,2	64,3	56,1	66,9	62,1	69,4	68,1	71,7	74,1	74,0	—	—	—	—		
HFP 880 TAB	42,8	60,9	48,7	63,7	54,7	66,3	60,7	68,8	66,7	71,2	72,7	73,5	—	—		
HFP 882 TAB	45,2	62,1	51,1	64,7	57,1	67,3	63,1	69,8	—	—	—	—	—	—		
SLBP 882 TAB	57,2	67,3	63,1	69,8	69,1	72,1	75,1	74,4	—	—	—	—	—	—		

Chain	Z 12		Z 16		Z 21		Z 23		Z 24		Z 25		Z 27		Z 32	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
1505 - 1506	11,5	51,5	20,9	54,2	—	—	—	—	40,0	58,9	—	—	—	—	59,0	68,1
4705 - 4706 - 5705 - 5706	57,5	67,5	—	—	48,5	63,6	54,5	66,2	57,5	67,5	60,5	68,7	66,5	71,1	—	—
HFP 5705	—	—	—	—	51,0	64,7	57,0	67,3	60,0	68,5	63,0	69,7	69,0	72,1	—	—

H, L dimensions for
MatTop® chains

Chain	Z 7		Z 8		Z 9		Z 10		Z 11		Z 12		Z 13		Z 19	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
2100	—	—	—	—	—	—	—	—	27,0	55,8	—	—	9,2	50,8	59,1	68,1
4812	—	—	32,5	57,2	—	—	—	—	—	—	56,3	67,0	—	—	—	—
5996	52,5	65,3	—	—	70,1	72,5	—	—	—	—	—	—	—	—	—	—
6390 - 6391 - 6392	—	—	49,8	64,2	—	—	65,4	70,7	—	—	—	—	—	—	—	—

Chain	Z 10		Z 16		Z 18		Z 21		Z 24		Z 25		Z 31			
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
5935 - 5936 - 8505 - 8506	13,0	52,0	—	—	—	—	—	—	55,6	66,6	58,6	67,9	76,9	75,1	—	—
7705 - 7706	—	—	49,0	63,8	57,0	67,3	69,1	72,1	—	—	—	—	—	—	—	—

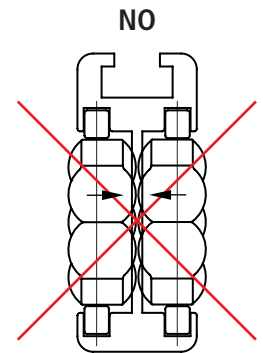
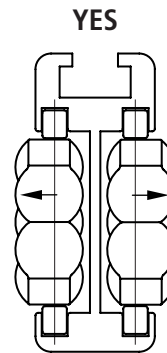
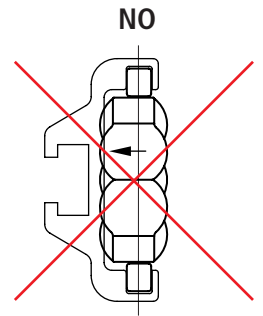
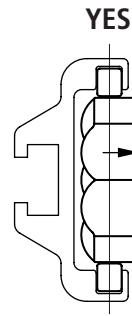
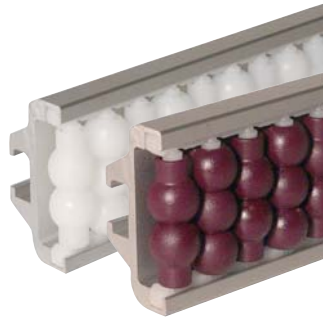
Chain	Z 28			
	H	L	H	L
500	38,6	58,6	—	—
505	40,6	59,0	—	—

H, L dimensions for
MCC chains

Chain	Z 10		Z 12		Z 13		Z 15		Z 16		Z 18		Z 20		Z 21	
	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
1000	—	—	31,0	56,8	—	—	—	—	47,0	62,9	55,0	66,4	63,1	69,8	—	—
1005	—	—	—	—	—	—	—	—	—	—	57,0	67,3	—	—	69,1	72,1
1050	—	—	—	—	—	—	—	—	54,8	66,3	62,8	69,7	—	—	—	—
1055	—	—	—	—	—	—	—	—	58,8	68,0	66,8	71,3	—	—	—	—
1255	35,3	57,8	—	—	50,2	64,3	60,3	68,6	65,3	70,6	—	—	—	—	—	—

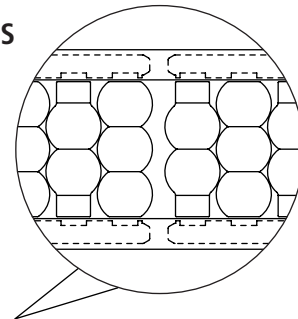
Assembly of Part. 754 - 756

Check that rollers are free to rotate, the most protruding side must be placed outside.

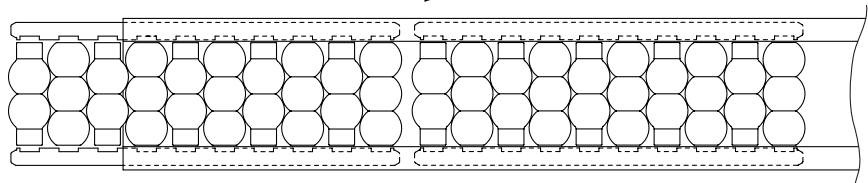


During the insertion of modules maintain the coupling 3 rollers / 2 rollers.

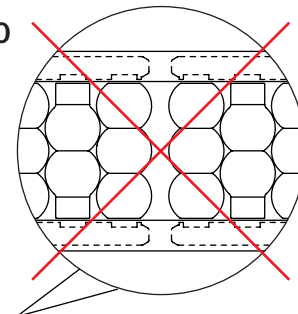
YES



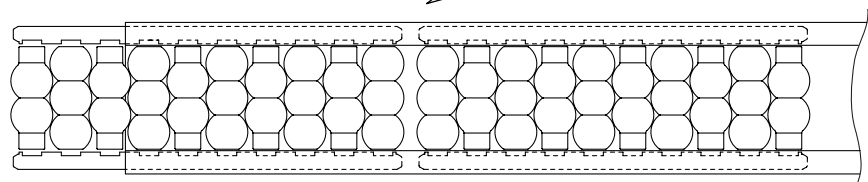
Direction of insertion →



NO



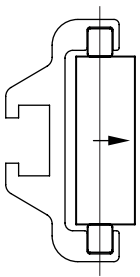
Direction of insertion →



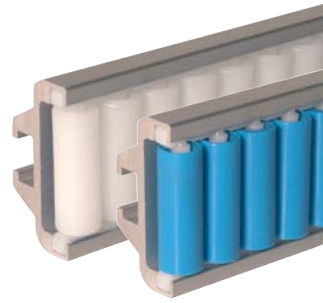
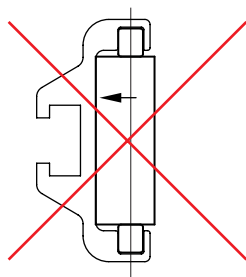
The most protruding side must be placed outside.

Assembly of
Part. 656 - 731 - 755 - 757

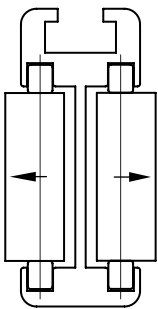
YES



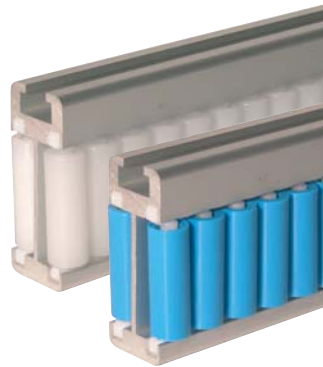
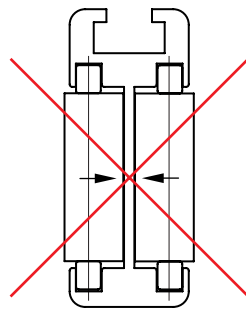
NO



YES



NO



ARTICULATED FEET

in reinforced polyamide

Page R09-R33



FIXED FEET

in reinforced polyamide and reinforced rubber

Page R34-R39



ARTICULATED FEET GRIPPER

in reinforced polypropylene and stainless steel

Page R40-R45



ARTICULATED FEET

in steel

Page R46-R51



FIXED FEET

in steel
Page R52-R54



VIBRATION ABSORBING FEET

in steel
Page R55



ANTI-SLIP SUPPORTS

in steel and rubber
Page R56-R57



THREADED BUSHINGS

for round and square tubes
Page R58-R59



FIXED FEET

Part./Art. /Réf. **675**


R34

Part./Art. /Réf. **753**


R35

Part./Art. /Réf. **602**


R37

Part./Art. /Réf. **745**


R38

ARTICULATED FEET GRIPPER in reinforced polypropylene and stainless steel

Part./Art. /Réf. **626-622-628**

Available only with
 **Microban®**
antibacterial protection

R40

Part./Art. /Réf. **627-623-629**

Available only with
 **Microban®**
antibacterial protection

R41

ARTICULATED FEET in steel

Part./Art. /Réf. **747-748-749**



R46

Part./Art. /Réf. **750-751-752**



R47

THREADED BUSHINGS for round and square tubes

Part./Art. /Réf. **180**

Versions dia. 50 and 80 mm



R58

Part./Art. /Réf. **224**

Versions 30x30 mm



R59

ACCESSORIES

Part./Art. /Réf. **726**

Spacer for Part. 170-170R-171-171R-254-297-169



ARTICULATED FEET in reinforced polyamide

Part. 269



page R09

ø 40 • Max. load 10000 N.

Part. 552



page R10

ø 40 • Max. load 5000 N.

Part. 173



page R11

ø 50 • Max. load 10000 N.

Part. 98-98R



page R12-R13

ø 60 • Max. load 12000 N.

Part. 94 - 94R



page R14-R15

ø 60 • Prefitting for fixing •
Max. load 12000 N.

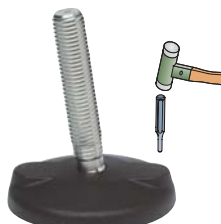
Part. 172



page R16

ø 80 • Max. load 10000 N.

Part. 323



page R17

ø 80 • Prefitting for fixing •
Max. load 10000 N.

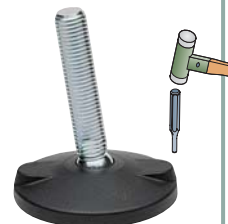
Part. 132 -132R



page R18-R19

ø 100 • Max. load 13000 N.

Part. 133 -133R



page R20-R21

ø 100 • Prefitting for fixing •
Max. load 13000 N.

Part. 479 - 479R



page R22-R23

ø 110 • Prefitting for fixing •
Max. load 20000 N.

Part. 292 - 292R



page R24-R25

ø 120 • Max. load 16000 N.

Part. 170 - 170R



page R26-R27

ø 124 • Max. load 25000 N.

Part. 171 - 171R



page R28-R29

ø 124 • Prefitting for fixing •
Max. load 25000 N.

Part. 254



page R30

ø 124 • Max. load 45000 N.

Part. 297



page R31

ø 124 • Prefitting for fixing •
Max. load 45000 N.

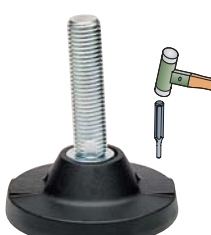
Part. 134



page R32

ø 100 • Prefitting for fixing •
Max. load 20000 N.

Part. 169



page R33

ø 124 • Prefitting for fixing •
Max. load 45000 N.

Part. 726

NEW



page R26-27-28-29-30-31-33

ø 170 • Spacer for Part. 170-
170R-171-171R-254-297-169

Product range

FIXED FEET in reinforced polyamide and reinforced rubber

Part. 675



NEW page R34

ø 30 • Max. load 10000 N.

Part. 753



NEW page R35

ø 30 • Max. load 2500 N.

Part. 600



page R36

ø 50 • Reinforced polyamide
• Max. load 2000 N.

Part. 602



NEW page R37

ø 50 • Max. load 10000 N.

Part. 745



NEW page R38

Max. load 4000 N.

Part. 31



page R39

ø 110 • Rubber • Max. load
6000 N.

ARTICULATED FEET GRIPPER in reinforced polypropylene

Part. 626



page R40

ø 80 • Hygiene • Prefitting for fixing •
Different colours • Customized cap with
customer logo • Max. load 12000 N.

Part. 627



page R41

ø 80 • Hygiene • Prefitting for fixing •
• 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. 623



page R43

ø 100 • Hygiene • Prefitting for fixing •
• 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.

Part. 629



page R45

ø 120 • Hygiene • Prefitting for fixing •
• Max. load 22000 N.

ARTICULATED FEET GRIPPER in stainless steel

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

- Austenitic structure.
- High resistance to chemicals.
- Excellent resistance to oxidation.
- Non magnetic steel.
- Operating temperature:
 - in air (- 70°C to + 430°C)
 - in hot water (+ 120°C)
- Sectors of use
 - Humid and corrosive environments. Environments where hygiene regulations are strict and indispensable (food and dairy industry, chemicals-pharmaceuticals, bottling).
 - Electronics industry (where non-magnetic properties are required).

Zinc plated steel

- Operating temperature:
 - in air (- 40°C to + 180°C)
 - in hot water (+ 120°C)
- Sectors of use
 - Moisture-free environments with low corrosion.

Nickel plated brass

- Good resistance to chemicals.
- Operating temperature:
 - in air (- 40°C to + 180°C)
 - in hot water (+ 120°C)
- Sectors of use
 - Humid and wet environments.

Reinforced polyamide with steel pin

- Good resistance to chemicals.
- Operating temperature:
 - in air (- 5°C to + 120°C)
 - in hot water (+ 100°C)
- Colour: black.
- Sectors of use
 - Industrial, packaging.

FOOTPLATE MATERIALS

Reinforced polyamide PA FV

- Good mechanical strength. Able to withstand high load capacities.
- High thermal resistance.
- Good resistance to chemicals.
- Operating temperature:
 - in air (- 30°C to + 120°C)
 - in hot water (+ 100°C)
- Colour: black.
- Inflammability: 94HB.

Reinforced polypropylene PP FV

- Recommended in applications requiring high resistance to chemicals and fair mechanical properties (the load capacity is lower than reinforced polyamide).
- Operating temperature:
 - in air (+ 5°C to + 115°C)
 - in hot water (+ 115°C)
- Colour: black.
- Inflammability: 94HB.

ANTI-SLIP MATERIALS

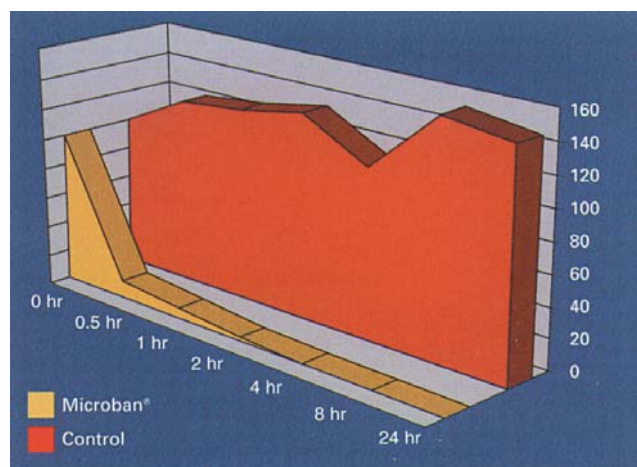
NBR rubber

- Operating temperature:
 - in air (- 35°C to + 100°C)
 - in hot water (+ 80°C)
- Colour: black.
- Inflammability: 94HB

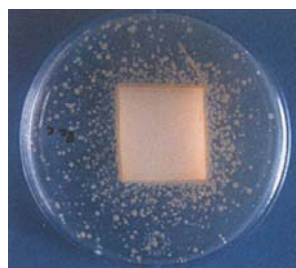
ANTIBACTERIAL PROTECTION



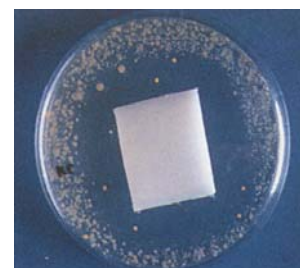
- Articulated Feet Gripper footplates Part.622-623-626-627-628-629, are supplied with Microban® antibacterial protection.
- By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.
- Independent laboratory tests have proven Microban® to be effective throughout the lifetime of the product. Because it is built-in, it is working all-over.
- The active agent used in Microban® technology has been recommended for approval in food contact uses by the European Union Scientific Committee for Food (SCF); in the United States the Environmental Protection Agency (EPA) has approved it for use in conveyor belts.



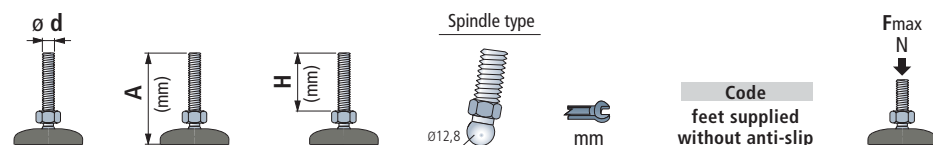
Bacteria E.coli in Microban® plastic compound compared to identical untreated plastic.



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



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



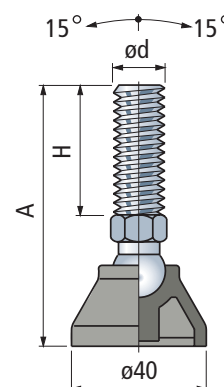
Spindle in stainless steel

M 10	105	71	2a	12	269/625002	10000
M 12	100	69	2a	12	269/625012	
	165	132	2a	12	269/625022	
M 14	100	68	2a	13	269/625032	
M 16	105	72	2a	15	269/625042	
	165	132	2a	15	269/625052	

Spindle in zinc plated steel

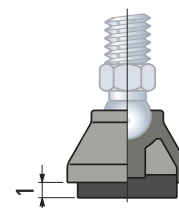
M 8	70	40	2a	12	269/625062	10000
M 10	65	33	2a	12	269/625072	
	105	71	2a	12	269/625082	
M 12	150	118	2a	12	269/625092	
	80	48	2a	12	269/625102	
	100	69	2a	12	269/625112	
M 14	130	96	2a	12	269/625122	
	100	68	2a	13	269/625132	
M 16	80	47	2a	15	269/625142*	
	100	67	2a	15	269/625152	
	200	167	2a	15	269/625162	

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging 48 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



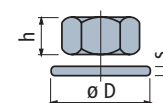
Accessories

Anti-slip



- Code : 630002.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 48 pieces.

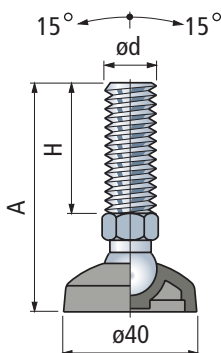
Nut + Washer

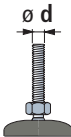
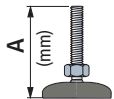
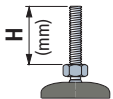
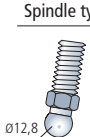
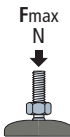


Code		h mm	s mm	ø D mm	s mm
Stainless steel AISI 304	Zinc plated steel				
M8	-	630102	6,5	13	17
M10	630182	630112	8	17	21
M12	630192	630122	10	19	24
M14	630202	630132	11	22	28
M16	630212	630142	13	24	30

Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16).

Part. 552

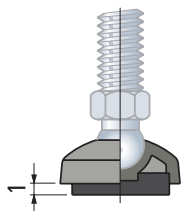


					
Spindle in stainless steel					
M 10	95	71	2a	12	552/625502
M 12	90	69	2a	12	552/625512
	155	132	2a	12	552/625522
M 14	90	68	2a	13	552/625532
M 16	95	72	2a	15	552/625542
	155	132	2a	15	552/625552
Spindle in zinc plated steel					
M 8	60	40	2a	12	552/625562
M 10	55	33	2a	12	552/625572
	95	71	2a	12	552/625582
	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
	70	47	2a	15	552/625642*
M 16	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.

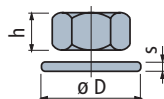
Accessories

Anti-slip



- Code : 630002.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 48 pieces.

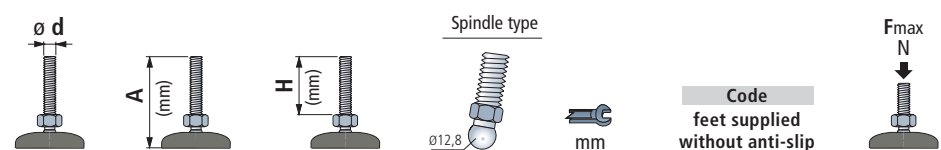
Nut + Washer



Code		h	s	ØD	s
Stainless steel	Zinc plated steel	mm	mm	mm	mm
M8	-	6,5	13	17	1,6
M10	630182	630112	8	17	2
M12	630192	630122	10	19	2,5
M14	630202	630132	11	22	2,5
M16	630212	630142	13	24	3

Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16).

Part. 173



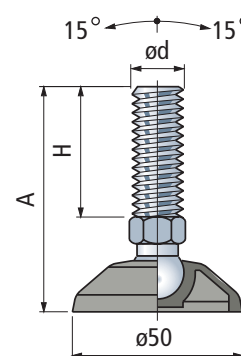
Spindle in stainless steel

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

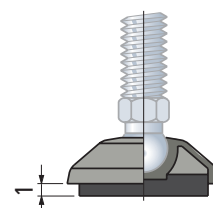
M 8	60	40	2a	12	173/625312	10000
M 10	55	33	2a	12	173/625322	
	95	71	2a	12	173/625332	
	140	118	2a	12	173/625342	
M 12	70	48	2a	12	173/625352	
	90	69	2a	12	173/625362	
	120	96	2a	12	173/625372	
M 14	90	68	2a	13	173/625382	
	70	47	2a	15	173/625392*	
M 16	90	67	2a	15	173/625402	
	190	167	2a	15	173/625412	

- * = 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.



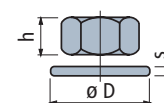
Accessories

Anti-slip



- Code : 630012.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

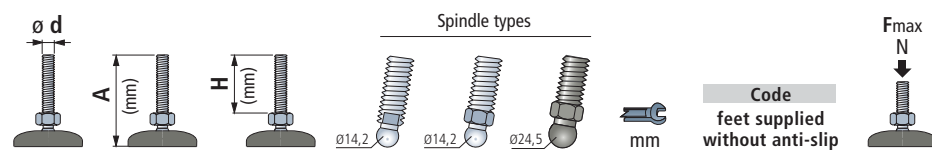
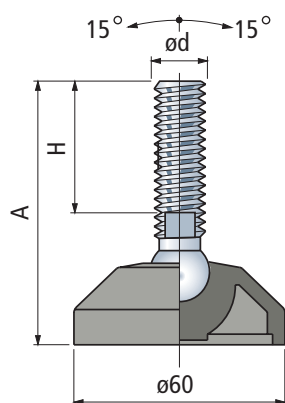
Nut + Washer



Code			h mm	øD mm	s mm	
Stainless steel AISI 304	Zinc plated steel					
M8	-					
M10	630182	630112	8	17	21	2
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3

Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16).

Part. 98



Spindle in stainless steel							
M 14	110	76	1a	-	-	11	98/626002
	100	64	1a	-	-	13	98/626012
M 16	115	81	1a	-	-	13	98/626022
	160	124	1a	-	-	13	98/626032
	185	151	1a	-	-	13	98/626042
M 20	120	84	1a	-	-	16	98/626052
	185	149	1a	-	-	16	98/626062
M 24	185	146	1a	-	-	19	98/626072

Spindle in nickel plated brass							
M 16	95	63	-	2b	-	16	98/626082

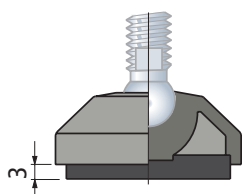
Spindle in zinc plated steel							
M 14	90	56	1a	-	-	11	98/626092
	80	48	-	2b	-	16	98/685701
	95	61	1a	-	-	13	98/626102
	100	68	-	2b	-	16	98/674171
	125	89	-	2b	-	16	98/685741
M 16	130	96	1a	-	-	13	98/626112
	150	116	1a	-	-	13	98/626122
	160	124	-	2b	-	16	98/674191
	165	130	-	2b	-	16	98/685761
	185	151	1a	-	-	13	98/626132
	200	165	-	2b	-	16	98/674211
	235	201	-	2b	-	16	98/674231
M 20	135	100	1a	-	-	16	98/626142
	185	150	1a	-	-	16	98/626152
	250	214	1a	-	-	16	98/626162
M 24	120	81	1a	-	-	19	98/626172
	185	146	1a	-	-	19	98/626182

Spindle in reinforced polyamid (black) with steel pin							
M 16	100	54	-	-	3	24	98/61920
M 20	120	69	-	-	3	30	98/51540*
	180	129	-	-	3	30	98/51530

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

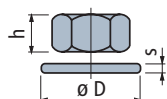
Accessories

Anti-slip



- Code : 630022.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer

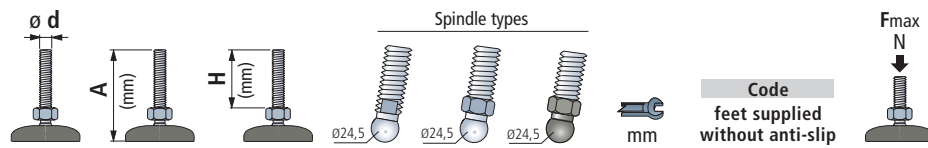


Code		h	s	ØD	s
Stainless steel	Zinc plated steel				
M14	630202	630132	11	22	28
M16	630212	630142	13	24	30
M20	630222	630152	16	30	37
M24	630232	630162	19	36	44

Packaging : 8 pieces.

Part. 98R

Reinforced version



Spindle in stainless steel							
M 16	115	74	-	6b	-	24	98/628782
	150	109	-	6b	-	24	98/628792
	185	144	-	6b	-	24	98/628802
	200	159	-	6b	-	24	98/628812
M 20	120	74	1b	-	-	16	98/53171
	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 with ball in reinforced polyamide (black)							
M 12	100	53	-	-	6	19	98/673671
	150	103	-	-	6	19	98/673691
	195	149	-	-	6	19	98/673711
M 14	150	103	-	-	6	19	98/673751*
	195	149	-	-	6	19	98/673771*
M 16	100	53	-	-	6	24	98/673791
	110	67	-	-	6	24	98/638162
	120	75	-	-	6	24	98/673831*
	150	103	-	-	6	24	98/673851
	185	139	-	-	6	24	98/673871
	225	181	-	-	6	24	98/673931
M 20	195	149	-	-	6	24	98/669001*

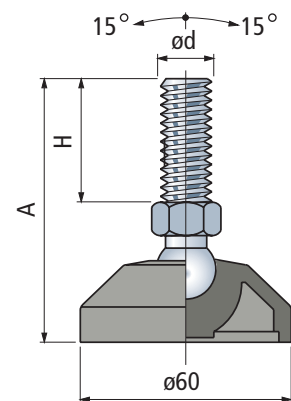
Spindle in zinc plated steel							
M 16	95	54	-	6b	-	24	98/628822
	130	89	-	6b	-	24	98/628832
	160	119	-	6b	-	24	98/628842
	195	154	-	6b	-	24	98/628852
M 20	120	74	1b	-	-	16	98/53151
	150	106	1b	-	-	16	98/61564
	185	139	1b	-	-	16	98/52561
	250	204	1b	-	-	16	98/66401
M 24	120	79	-	6b	-	24	98/628882*
	185	144	-	6b	-	24	98/628892
	325	288	1b	-	-	19	98/673651*

Spindle in zinc plated steel with ball in reinforced polyamide (black)							
M 12	110	64	-	-	6	19	98/673511

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (* = 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

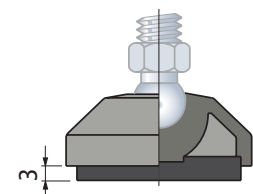


Same dimensions as Part. 98, it differs in its higher load capacity.



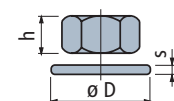
Accessories

Anti-slip



- Code : 630022.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces

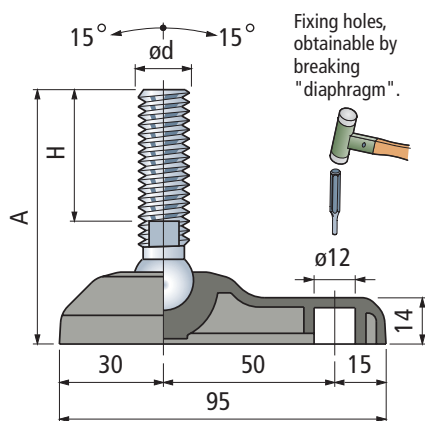
Nut + Washer



Code		h mm	s mm	ØD mm	s mm
Stainless steel	Zinc plated steel				
M12	630192	630122	10	19	24
M14	630202	630132	11	22	28
M16	630212	630142	13	24	30
M20	630222	630152	16	30	37
M24	630232	630162	19	36	44

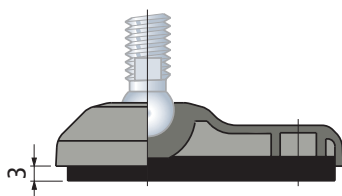
Packaging : 8 pieces.

Part. 94



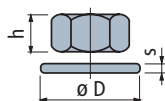
Accessories

Anti-slip



- Code : 630032.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

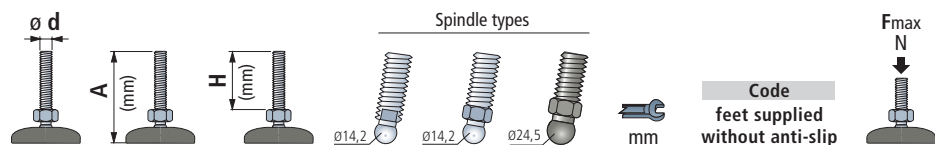
Nut + Washer



Code

	Stainless steel AISI 304	Zinc plated steel	h mm	s 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.



Spindle in stainless steel

M 14	110	76	1a	-	-	11	94/626192	10000
	100	64	1a	-	-	13	94/626202	
M 16	115	81	1a	-	-	13	94/626212	
	160	124	1a	-	-	13	94/626222	
	185	151	1a	-	-	13	94/626232	
M 20	120	84	1a	-	-	16	94/626242	
	185	149	1a	-	-	16	94/626252	
M 24	185	146	1a	-	-	19	94/626262	

Spindle in nickel plated brass

M 16	95	63	-	2b	-	16	94/626272	10000
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Spindle in zinc plated steel

M 14	90	56	1a	-	-	11	94/626282	10000
	80	48	-	2b	-	16	94/690541	
	95	61	1a	-	-	13	94/626292	
	100	68	-	2b	-	16	94/690581	
	125	89	-	2b	-	16	94/690601	
M 16	130	96	1a	-	-	13	94/626302	
	150	116	1a	-	-	13	94/626312	
	160	124	-	2b	-	16	94/690641	
	165	130	-	2b	-	16	94/690661	
	185	151	1a	-	-	13	94/626322	
	200	165	-	2b	-	16	94/690721	
	235	201	-	2b	-	16	94/690741	
M 20	135	100	1a	-	-	16	94/626332	
	185	150	1a	-	-	16	94/626342	
	250	214	1a	-	-	16	94/626352	
M 24	120	81	1a	-	-	19	94/626362	
	185	146	1a	-	-	19	94/626372	

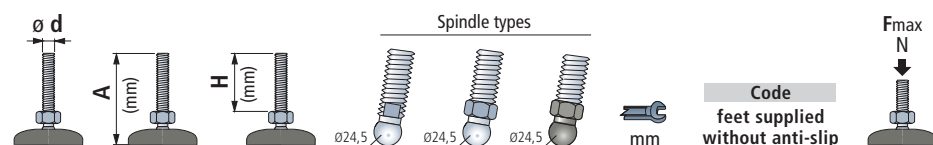
Spindle in reinforced polyamid (black) with steel pin

M 16	100	54	-	-	3	24	94/690421	6000
M 20	120	69	-	-	3	30	94/690441*	
	180	129	-	-	3	30	94/690461	

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 94R

Reinforced version



Spindle in stainless steel							Code	feet supplied without anti-slip
M 16	115	74	-	6b	-	24	94/626872	12000
	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	
	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 with ball in reinforced polyamide (black)							Code	feet supplied without anti-slip
M 12	100	53	-	-	6	19	94/689561	12000
	150	103	-	-	6	19	94/689581	
	195	149	-	-	6	19	94/689601	
M 14	150	103	-	-	6	19	94/689681*	
	195	149	-	-	6	19	94/689701*	
M 16	100	53	-	-	6	24	94/689741	
	110	67	-	-	6	24	94/689781	
	120	75	-	-	6	24	94/689801*	
	150	103	-	-	6	24	94/689821	
	185	139	-	-	6	24	94/689901	
	225	181	-	-	6	24	94/689981	
M 20	195	149	-	-	6	24	94/690121*	

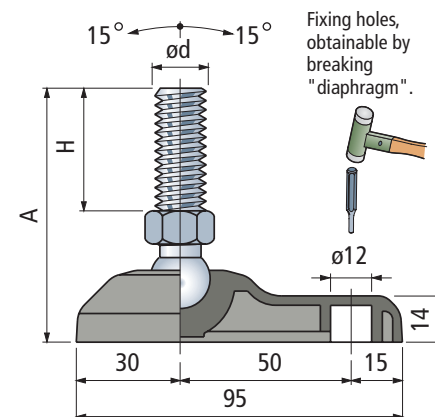
Spindle in zinc plated steel							Code	feet supplied without anti-slip
M 16	95	54	-	6b	-	24	94/626912	12000
	130	89	-	6b	-	24	94/626922	
	160	119	-	6b	-	24	94/626932	
	195	154	-	6b	-	24	94/626942	
M 20	120	74	1b	-	-	16	94/690781	
	150	106	1b	-	-	16	94/690851	
	185	139	1b	-	-	16	94/690871	
	250	204	1b	-	-	16	94/690931	
M 24	120	79	-	6b	-	24	94/626972*	
	185	144	-	6b	-	24	94/626982	
	325	288	1b	-	-	19	94/691071*	

Spindle in zinc plated steel with ball in reinforced polyamide (black)							Code	feet supplied without anti-slip
M 12	110	64	-	-	6	19	94/690481	12000

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (* = 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

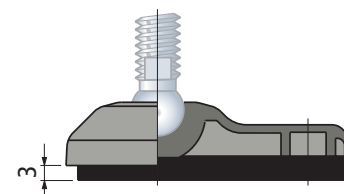


Same dimensions as Part. 94, it differs in its higher load capacity.



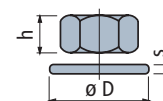
Accessories

Anti-slip



- Code : 630032.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

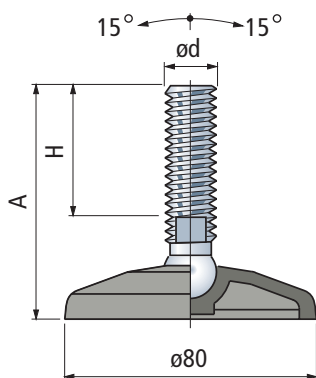
Nut + Washer



Code		h	s	Ø D	mm	mm
Stainless steel	Zinc plated steel					
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

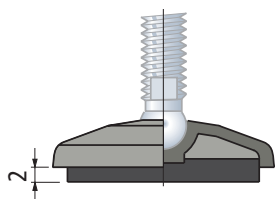
Packaging : 8 pieces.

Part. 172



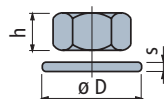
Accessories

Anti-slip



- Code : **630042**.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

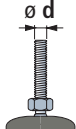
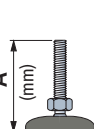
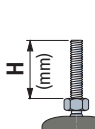
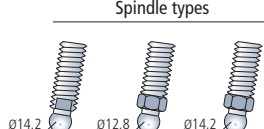
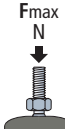
Nut + Washer



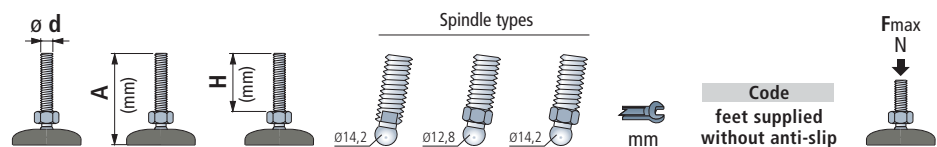
Code

	Stainless steel AISI 304	Zinc plated steel	h mm	s 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).

									
Spindle in stainless steel									
M 10	95	71	-	2a	-	12	172/65666	9000	
M 12	95	69	-	2a	-	12	172/65566		
	155	132	-	2a	-	12	172/674461		
M 14	95	68	-	2a	-	12	172/626802	10000	
	105	76	1a	-	-	11	172/626382		
M 16	95	64	1a	-	-	13	172/626392		9000
	100	72	-	2a	-	15	172/626812	9000	
	110	81	1a	-	-	13	172/626402	10000	
	155	124	1a	-	-	13	172/626412	10000	
	160	132	-	2a	-	15	172/626822	9000	
	180	151	1a	-	-	13	172/626422	10000	
M 20	115	84	1a	-	-	16	172/626432	10000	
	180	149	1a	-	-	16	172/626442		
M 24	180	146	1a	-	-	19	172/626452		
-									
Spindle in nickel plated brass									
M 16	90	63	-	-	2b	16	172/626462	10000	
Spindle in zinc plated steel									
M 8	65	40	-	2a	-	12	172/674401	9000	
	60	33	-	2a	-	12	172/60804		
M 10	95	71	-	2a	-	12	172/60824		
	145	118	-	2a	-	12	172/62711		
M 12	70	48	-	2a	-	12	172/60834	10000	
	95	69	-	2a	-	12	172/54711		
	120	96	-	2a	-	12	172/58391		
M 14	85	56	1a	-	-	11	172/626472	10000	
	95	68	-	2a	-	13	172/626762	9000	
M 16	75	47	-	2a	-	15	172/626772*	10000	
	75	48	-	-	2b	16	172/685881		
	90	61	1a	-	-	13	172/626482	10000	
	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		
M 20	180	151	1a	-	-	13	172/626512	10000	
	190	165	-	-	2b	16	172/637862		
	195	167	-	2a	-	15	172/626792		9000
	230	201	-	-	2b	16	172/63492		10000
	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	10000	
	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.

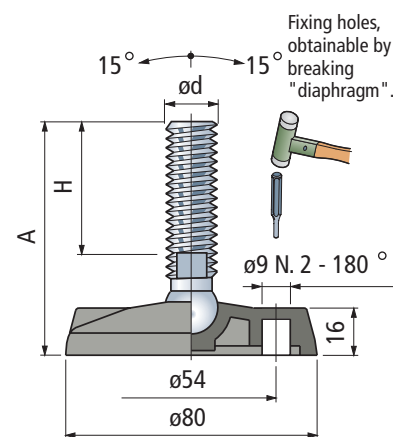


Spindle in stainless steel							
M 10	95	71	-	2a	-	12	323/65686N
M 12	95	69	-	2a	-	12	323/65596N
	155	132	-	2a	-	12	323/679061N
M 14	95	68	-	2a	-	12	323/626842
	105	76	1a	-	-	11	323/626572
M 16	95	64	1a	-	-	13	323/626582
	100	72	-	2a	-	15	323/626852
	110	81	1a	-	-	13	323/626592
	155	124	1a	-	-	13	323/626602
	160	132	-	2a	-	15	323/626862
	180	151	1a	-	-	13	323/626612
M 20	115	84	1a	-	-	16	323/626622
	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
Spindle in zinc plated steel							
M 8	65	40	-	2a	-	12	323/678901N
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
	95	68	-	2a	-	13	323/626832
	75	47	-	2a	-	15	323/638022*
M 16	75	48	-	-	2b	16	323/685981N
	90	61	1a	-	-	13	323/626672
	95	67	-	2a	-	15	323/638032
	95	68	-	-	2b	16	323/62353N
	115	89	-	-	2b	16	323/686001N
	125	96	1a	-	-	13	323/626682
	145	116	1a	-	-	13	323/626692
	150	124	-	-	2b	16	323/69935N
	155	130	-	-	2b	16	323/686021N
	180	151	1a	-	-	13	323/626702
M 20	190	165	-	-	2b	16	323/62383N
	195	167	-	2a	-	15	323/638042
	230	201	-	-	2b	16	323/679021N
	130	100	1a	-	-	16	323/626712
	180	150	1a	-	-	16	323/626722
M 24	245	214	1a	-	-	16	323/626732
	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.

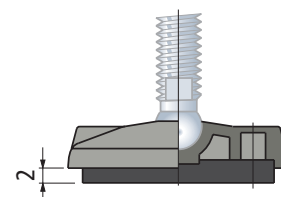


Same dimensions as Part. 172, it differs in its predisposition to fixing.



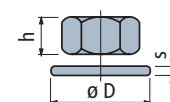
Accessories

Anti-slip



- Code : 630042.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

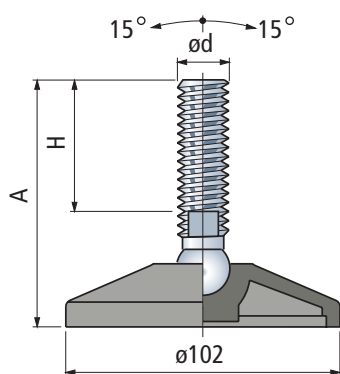
Nut + Washer



Code		h mm	s mm	ØD mm	s mm
Stainless steel AISI 304	Zinc plated steel				
M8	-	630102	6,5	13	17
M10	630182	630112	8	17	21
M12	630192	630122	10	19	24
M14	630202	630132	11	22	28
M16	630212	630142	13	24	30
M20	630222	630152	16	30	37
M24	630232	630162	19	36	44

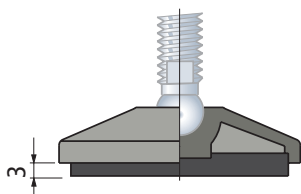
Packaging : 24 pieces (for M8, M10). 8 pieces (for M12, M14, M16, M20, M24).

Part. 132



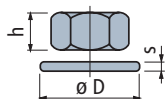
Accessories

Anti-slip



- Code : **630052**.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

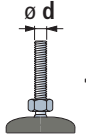
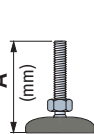
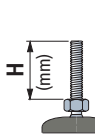
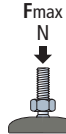
Nut + Washer



Code

	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

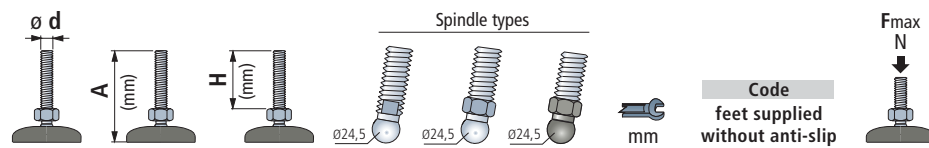
Packaging : 8 pieces.

				Spindle types				Code feet supplied without anti-slip	
Spindle in stainless steel									
M 14	110	76	1a	-	-	11	132/633002	12000	
	100	64	1a	-	-	13	132/633012		
M 16	115	81	1a	-	-	13	132/633022		
	160	124	1a	-	-	13	132/633032		
	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	12000	
	80	48	-	2b	-	16	132/686141		
	95	61	1a	-	-	13	132/633102		
	100	68	-	2b	-	16	132/675081		
	125	89	-	2b	-	16	132/686181		
	130	96	1a	-	-	13	132/633112		
	M 16	150	116	1a	-	-	13		132/633122
		160	124	-	2b	-	16		132/675101
		165	130	-	2b	-	16		132/686201
		185	151	1a	-	-	13		132/633132
	M 20	200	165	-	2b	-	16		132/675121
		235	201	-	2b	-	16		132/675141
130		100	1a	-	-	16	132/633142		
M 24		180	150	1a	-	-	16		132/633152
	250	214	1a	-	-	16	132/633162		
M 24	120	81	1a	-	-	19	132/633172		
	185	146	1a	-	-	19	132/633182		
Spindle in reinforced polyamid (black) with steel pin									
M 16	100	54	-	-	3	24	132/627082	6000	
M 20	120	69	-	-	3	30	132/627092*		
	185	129	-	-	3	30	132/627102		

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 132R

Reinforced version



Spindle in stainless steel

M 16	115	74	-	6b	-	24	132/627002	13000
	150	109	-	6b	-	24	132/627012	
	185	144	-	6b	-	24	132/627022	
	200	159	-	6b	-	24	132/627032	
M 20	120	74	1b	-	-	16	132/627042	
	185	139	1b	-	-	16	132/627052	
	250	204	1b	-	-	16	132/686081	
M 24	120	79	-	6b	-	24	132/627062	
	220	179	-	6b	-	24	132/627072	
	255	216	1b	-	-	19	132/61834	

Spindle in stainless steel with ball in reinforced polyamide (black)

M 12	100	53	-	-	6	19	132/674621	13000
	150	103	-	-	6	19	132/674641	
	195	149	-	-	6	19	132/674661	
M 14	150	103	-	-	6	19	132/674701*	
	195	149	-	-	6	19	132/674721*	
M 16	100	53	-	-	6	24	132/674741	
	115	67	-	-	6	24	132/638152	
	120	75	-	-	6	24	132/674761*	
	150	103	-	-	6	24	132/674781	
	185	139	-	-	6	24	132/672891	
	225	181	-	-	6	24	132/69857	
M 20	195	149	-	-	6	24	132/674931*	

Spindle in zinc plated steel

M 16	95	54	-	6b	-	24	132/627112	13000
	130	89	-	6b	-	24	132/627122	
	160	119	-	6b	-	24	132/627132	
	195	154	-	6b	-	24	132/627142	
M 20	120	74	1b	-	-	16	132/627152	
	155	106	1b	-	-	16	132/627162	
	185	139	1b	-	-	16	132/627172	
	250	204	1b	-	-	16	132/627182	
M 24	120	79	-	6b	-	24	132/627192*	
	185	144	-	6b	-	24	132/627202	
	325	288	1b	-	-	19	132/65243*	

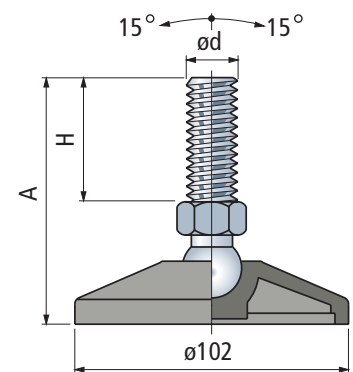
Spindle in zinc plated steel with ball in reinforced polyamide (black)

M 12	110	64	-	-	6	19	132/674521	13000
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- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (* = 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

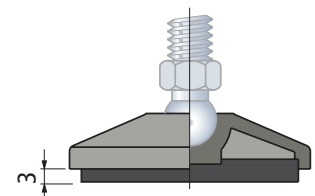


Same dimensions as Part. 132, it differs in its higher load capacity.



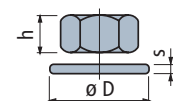
Accessories

Anti-slip



- Code : 630052.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

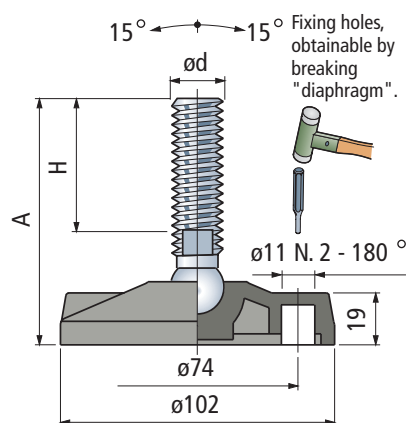
Nut + Washer



	Code		h mm	s mm	Ø D mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

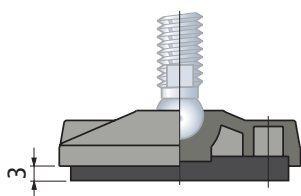
Packaging : 8 pieces.

Part. 133



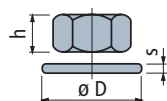
Accessories

Anti-slip



- Code : **630052**.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

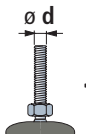
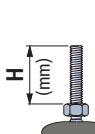
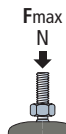
Nut + Washer



Code

	Stainless steel AISI 304	Zinc plated steel	h mm	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

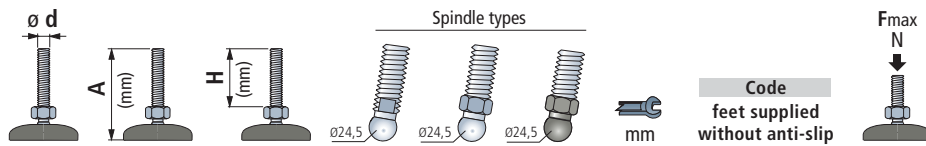
Packaging : 8 pieces.

				Spindle types				Code feet supplied without anti-slip	
Spindle in stainless steel									
M 14	110	76	1a	-	-	11	133/633192	12000	
	100	64	1a	-	-	13	133/633202		
M 16	115	81	1a	-	-	13	133/633212		
	160	124	1a	-	-	13	133/633222		
	185	151	1a	-	-	13	133/633232		
M 20	120	84	1a	-	-	16	133/633242		
	185	149	1a	-	-	16	133/633252		
M 24	185	146	1a	-	-	19	133/633262		
Spindle in nickel plated brass									
M 16	95	63	-	2b	-	16	133/633272	12000	
Spindle in zinc plated steel									
M 14	90	56	1a	-	-	11	133/633282	12000	
	80	48	-	2b	-	16	133/686381N		
	95	61	1a	-	-	13	133/633292		
	100	68	-	2b	-	16	133/679711N		
	125	89	-	2b	-	16	133/686421N		
	130	96	1a	-	-	13	133/633302		
	150	116	1a	-	-	13	133/633312		
	160	124	-	2b	-	16	133/679731N		
	165	130	-	2b	-	16	133/686441N		
	185	151	1a	-	-	13	133/633322		
	200	165	-	2b	-	16	133/679751N		
	235	201	-	2b	-	16	133/679771N		
M 20	130	100	1a	-	-	16	133/633332		
	180	150	1a	-	-	16	133/633342		
	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	6000	
M 20	120	69	-	-	3	30	133/627302*		
	185	129	-	-	3	30	133/627312		

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 133R

Reinforced version



Spindle in stainless steel

M 16	115	74	-	6b	-	24	133/627212	13000
	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	
	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 with ball in reinforced polyamide (black)

M 12	100	53	-	-	6	19	133/679231N	13000
	150	103	-	-	6	19	133/679251N	
	195	149	-	-	6	19	133/679271N	
M 14	150	103	-	-	6	19	133/679311N*	
	195	149	-	-	6	19	133/679331N*	
M 16	100	53	-	-	6	24	133/679351N	
	115	67	-	-	6	24	133/638142	
	120	75	-	-	6	24	133/679371N*	
	150	103	-	-	6	24	133/679391N	
	185	139	-	-	6	24	133/69706N	
	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	13000
	130	89	-	6b	-	24	133/627332	
	160	119	-	6b	-	24	133/627342	
	195	154	-	6b	-	24	133/627352	
M 20	120	74	1b	-	-	16	133/627362	
	155	106	1b	-	-	16	133/627372	
	185	139	1b	-	-	16	133/627382	
	250	204	1b	-	-	16	133/627392	
M 24	120	79	-	6b	-	24	133/627402*	
	185	144	-	6b	-	24	133/627412	
	325	288	1b	-	-	19	133/679211N*	

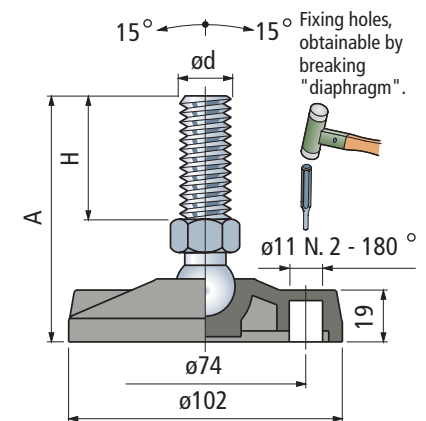
Spindle in zinc plated steel with ball in reinforced polyamide (black)

M 12	110	64	-	-	6	19	133/679121N	13000
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- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (* = 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

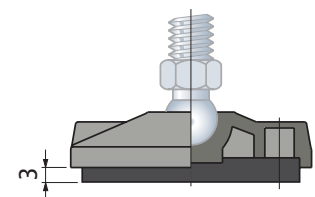


Same dimensions as Part. 133, it differs in its higher load capacity.



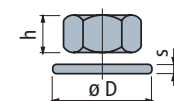
Accessories

Anti-slip



- Code : 630052.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

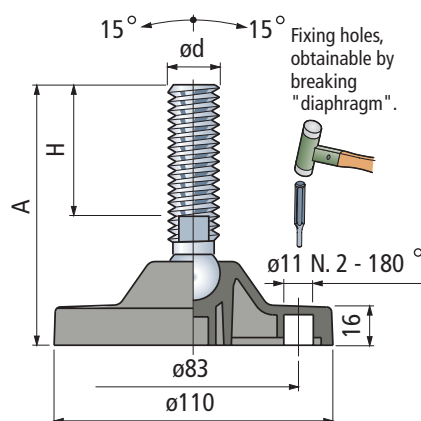
Nut + Washer



Code			s mm	øD mm	h mm	Stainless steel	Zinc plated
	AlSi 304					steel	
M12	630192	630122	10	19	24	2,5	
M14	630202	630132	11	22	28	2,5	
M16	630212	630142	13	24	30	3	
M20	630222	630152	16	30	37	3	
M24	630232	630162	19	36	44	4	

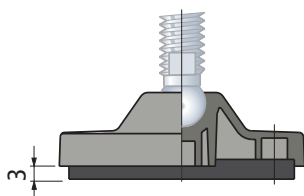
Packaging : 8 pieces.

Part.479



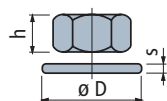
Accessories

Anti-slip



- Code : **630062**.
- Material : PVC rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 16 pieces.

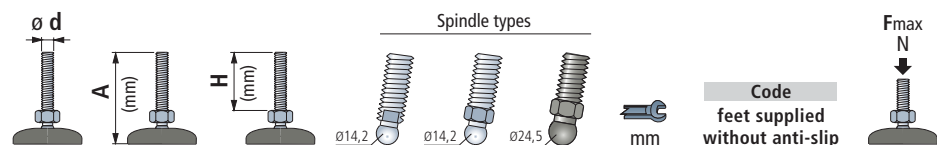
Nut + Washer



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.



Spindle in stainless steel

M 14	120	76	1a	-	-	11	479/633382	15000
	110	64	1a	-	-	13	479/633392	
M 16	125	81	1a	-	-	13	479/633402	
	170	124	1a	-	-	13	479/633412	
	195	151	1a	-	-	13	479/633422	
M 20	130	84	1a	-	-	16	479/633432	
	195	149	1a	-	-	16	479/633442	
M 24	195	146	1a	-	-	19	479/633452	

Spindle in nickel plated brass

M 16	105	63	-	2b	-	16	479/633462	15000
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Spindle in zinc plated steel

M 14	100	56	1a	-	-	11	479/633472	15000
	90	48	-	2b	-	16	479/686621N	
	105	61	1a	-	-	13	479/633482	
	110	68	-	2b	-	16	479/675811N	
	135	89	-	2b	-	16	479/686661N	
M 16	140	96	1a	-	-	13	479/633492	
	160	116	1a	-	-	13	479/633502	
	170	124	-	2b	-	16	479/675831N	
	175	130	-	2b	-	16	479/686681N	
	195	151	1a	-	-	13	479/633512	
	210	165	-	2b	-	16	479/675851N	
	245	201	-	2b	-	16	479/675871N	
M 20	140	100	1a	-	-	16	479/633522	
	190	150	1a	-	-	16	479/633532	
	260	214	1a	-	-	16	479/633542	
M 24	130	81	1a	-	-	19	479/633552	
	195	146	1a	-	-	19	479/633562	

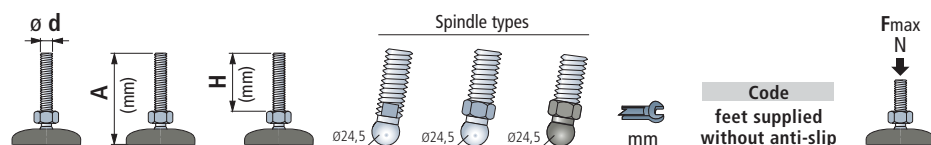
Spindle in reinforced polyamid (black) with steel pin

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.

Part. 479R

Reinforced version



Spindle in stainless steel							Code feet supplied without anti-slip	Fmax N
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 with ball in reinforced polyamide (black)							Code	Fmax N
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*	

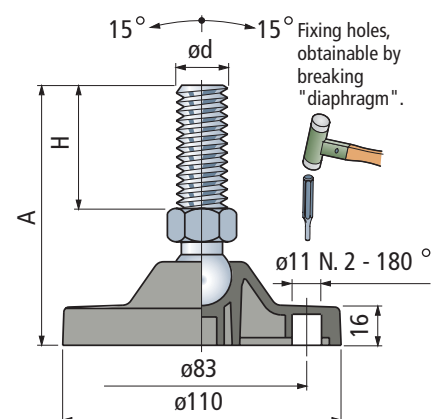
Spindle in zinc plated steel							Code	Fmax N
M 16	105	54	-	6b	-	24	479/627532	20000
	140	89	-	6b	-	24	479/627542	
	170	119	-	6b	-	24	479/627552	
	205	154	-	6b	-	24	479/627562	
M 20	130	74	1b	-	-	16	479/627572	
	165	106	1b	-	-	16	479/627582	
	195	139	1b	-	-	16	479/627592	
	260	204	1b	-	-	16	479/627602	
	130	79	-	6b	-	24	479/627612*	
M 24	195	144	-	6b	-	24	479/627622	
	340	288	1b	-	-	19	479/675501N	

Spindle in zinc plated steel with ball in reinforced polyamide (black)							Code	Fmax N
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.

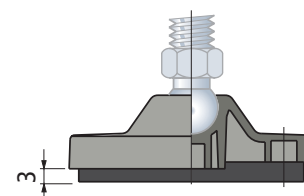


Same dimensions as Part. 479, it differs in its higher load capacity.



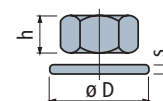
Accessories

Anti-slip



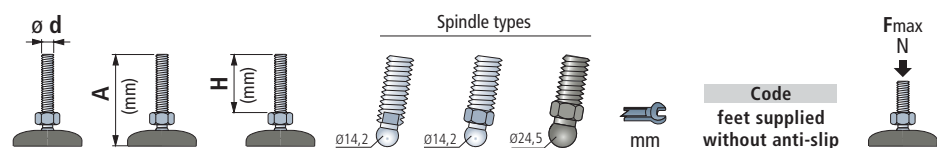
- Code : 630062.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 16 pieces.

Nut + Washer



Code		h mm		øD mm	s mm	
Stainless steel AISI 304	Zinc plated steel					
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Part. 292



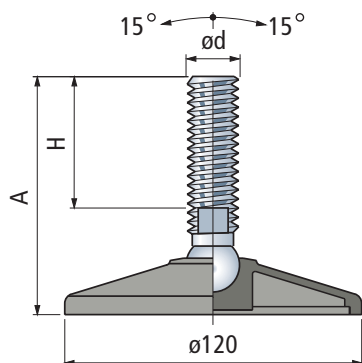
Spindle in stainless steel							
M 14	110	76	1a	-	-	11	292/633572
	100	64	1a	-	-	13	292/633582
M 16	115	81	1a	-	-	13	292/633592
	160	124	1a	-	-	13	292/633602
	185	151	1a	-	-	13	292/633612
M 20	120	84	1a	-	-	16	292/633622
	185	149	1a	-	-	16	292/633632
M 24	185	146	1a	-	-	19	292/633642

Spindle in nickel plated brass							
M 16	95	63	-	2b	-	16	292/633652

Spindle in zinc plated steel							
M 14	90	56	1a	-	-	11	292/633662
	80	48	-	2b	-	16	292/686861
	95	61	1a	-	-	13	292/633672
	100	68	-	2b	-	16	292/676701
	125	89	-	2b	-	16	292/686901
M 16	130	96	1a	-	-	13	292/633682
	150	116	1a	-	-	13	292/633692
	160	124	-	2b	-	16	292/676721
	165	130	-	2b	-	16	292/686921
	185	151	1a	-	-	13	292/633702
	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

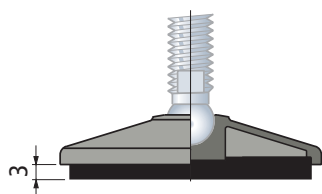
Spindle in reinforced polyamid (black) with steel pin							
M 16	100	54	-	-	3	24	292/627712
	120	69	-	-	3	30	292/627722*
M 20	185	129	-	-	3	30	292/627732

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamid PA FV (black).
- Packaging : 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



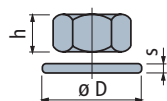
Accessories

Anti-slip



- Code : 630072.
- Material : PVC rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer

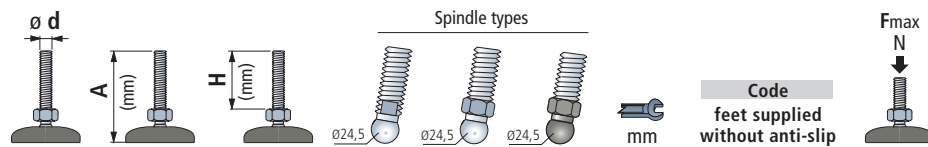


Code		h mm	s mm	øD mm	s mm
Stainless steel AISI 304	Zinc plated steel				
M14	630202	630132	11	22	28
M16	630212	630142	13	24	30
M20	630222	630152	16	30	37
M24	630232	630162	19	36	44

Packaging : 8 pieces.

Part. 292R

Reinforced version



Spindle in stainless steel							Code feet supplied without anti-slip	Fmax N
M 16	115	74	-	6b	-	24	292/627632	16000
	150	109	-	6b	-	24	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 with ball in reinforced polyamide (black)								Code
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*	

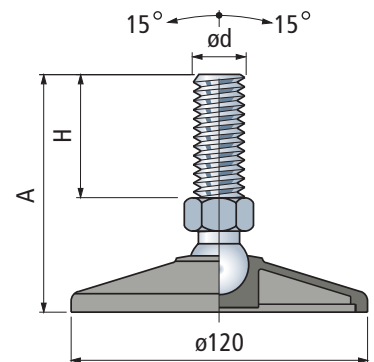
Spindle in zinc plated steel								Code
M 16	95	54	-	6b	-	24	292/627742	16000
	130	89	-	6b	-	24	292/627752	
	160	119	-	6b	-	24	292/627762	
	195	154	-	6b	-	24	292/627772	
M 20	120	74	1b	-	-	16	292/627782	
	155	106	1b	-	-	16	292/627792	
	185	139	1b	-	-	16	292/627802	
	250	204	1b	-	-	16	292/627812	
M 24	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)								Code
M 12	110	64	-	-	6	19	292/65013	16000

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (* = 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

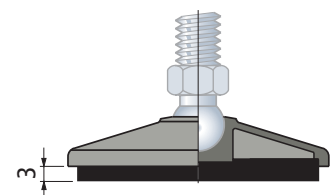


Same dimensions as Part. 292, it differs in its higher load capacity.



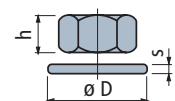
Accessories

Anti-slip



- Code : 630072.
- Material : PVC rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



Code						
Stainless steel	Zinc plated	h			øD	s
AlSi 304	steel	mm	mm		mm	mm
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces.

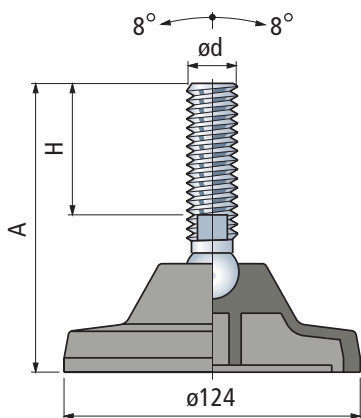
ø124

Articulated Feet

in reinforced polyamide and polypropylene

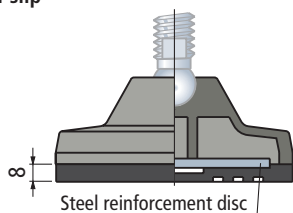
marbett®

Part. 170



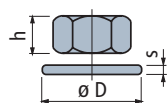
Accessories

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	s 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

|--|

Spindle in nickel plated brass

M 16	120	63	-	2b	-	16	170/633922	170/633932	
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Spindle in zinc plated steel

M 14	115	56	1a	-	-	11	170/633942	170/633952	10000 (PA FV) 5000 (PP FV)
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	
M 16	175	116	1a	-	-	13	170/634002	170/634012	10000 (PA FV) 5000 (PP FV)
	180	124	-	2b	-	16	170/L6782510	170/L6782710	
	185	130	-	2b	-	16	170/L6873010	170/L6873210	
	210	151	1a	-	-	13	170/634022	170/634032	
	220	165	-	2b	-	16	170/L6922900	170/L6921900	
	255	201	-	2b	-	16	170/L6782910	170/L6783110	
M 20	155	100	1a	-	-	16	170/634042	170/634052	6000
	205	150	1a	-	-	16	170/634062	170/634072	
M 24	275	214	1a	-	-	16	170/634082	170/634092	
	145	81	1a	-	-	19	170/634102	170/634112	
M 24	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	6000
M 20	140	69	-	-	3	30	170/627932*	170/628272*	
	205	129	-	-	3	30	170/627942	170/628282	

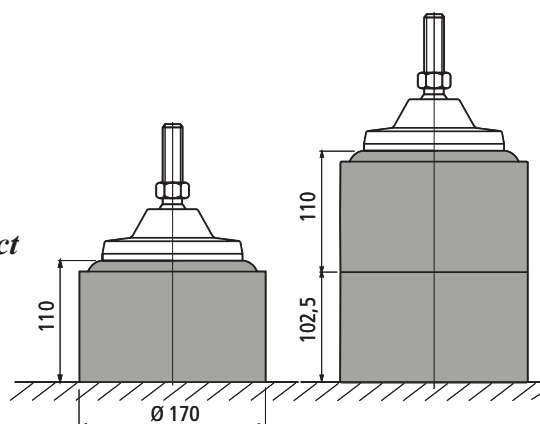
- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black) and reinforced polypropylene PP FV (black).
- Packaging : 8 pieces.
- Anti-slip supplied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 726 - Spacer



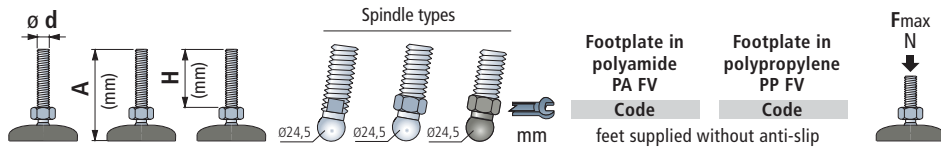
New
Product

- Code : **726/688772**.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg;
- Packaging : 8 pieces.



Part. 170R

Reinforced version



Spindle in stainless steel

							Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	
M 16	135	74	-	6b	-	24	170/627842	170/628292	25000 (PA FV)
	170	109	-	6b	-	24	170/627852	170/628302	
	205	144	-	6b	-	24	170/627862	170/628312	
	220	159	-	6b	-	24	170/627872	170/628322	
M 20	140	74	1b	-	-	16	170/627882	170/628332	10000 (PP FV)
	205	139	1b	-	-	16	170/627892	170/628342	
	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 with ball in reinforced polyamide (black)

M 12	120	53	-	-	6	19	170/L6772710	170/L6772910	17000 (PA FV)
	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*	10000 (PP FV)
	215	149	-	-	6	19	170/L6774710*	170/L6774910*	
M 16	120	53	-	-	6	24	170/L6775110	170/L6775310	10000 (PP FV)
	135	67	-	-	6	24	170/L6210400	170/L6231400	
	145	75	-	-	6	24	170/L6775510*	170/L6775710*	
	170	103	-	-	6	24	170/L6775910	170/L6776110	
	205	139	-	-	6	24	170/L6776310	170/L6776510	
M 20	250	181	-	-	6	24	170/L6777510	170/L6777710	
	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	
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Spindle in zinc plated steel

M 16	115	54	-	6b	-	24	170/627952	170/628372	25000 (PA FV)
	150	89	-	6b	-	24	170/627962	170/628382	
	180	119	-	6b	-	24	170/627972	170/628392	
	215	154	-	6b	-	24	170/627982	170/628402	
M 20	140	74	1b	-	-	16	170/627992	170/628412	10000 (PP FV)
	175	106	1b	-	-	16	170/628002	170/628422	
	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	

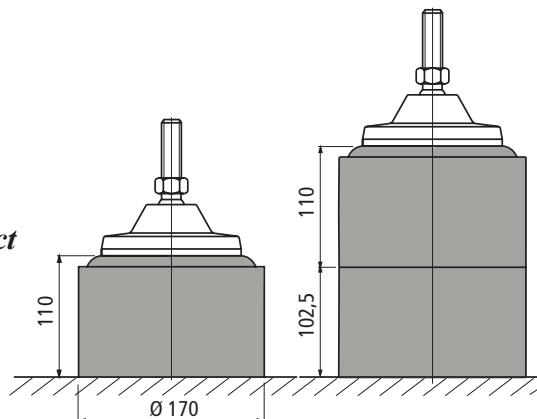
- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black) and reinforced polypropylene PP FV (black).
- Packaging : 8 pieces.
- Anti-slip supplied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 726 - Spacer

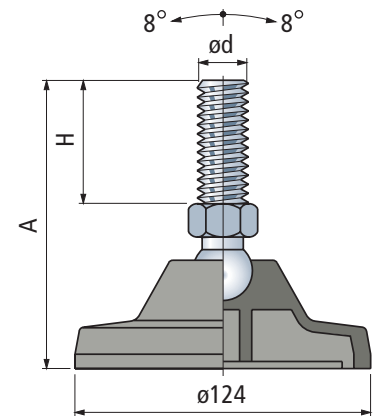


New Product

- Code : 726/688772.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg.
- Packaging : 8 pieces.

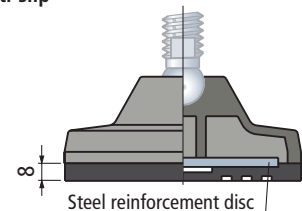


Same dimensions as Part. 170, it differs in its higher load capacity.



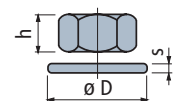
Accessories

Anti-slip



- Code with reinforcement disc : 630082.
- Code without reinforcement disc : 630092.
- Assembly : with screws for plate supplied loose.
- Material : NBR rubber (black), 80 Shore.
- Packaging : 8 pieces

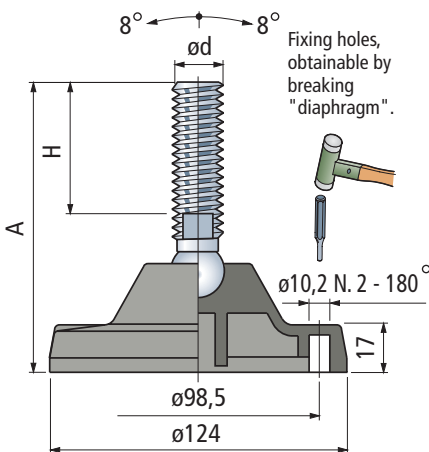
Nut + Washer



	Code					
	Stainless steel AISI 304	Zinc plated steel	h mm	s mm	ØD mm	s mm
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

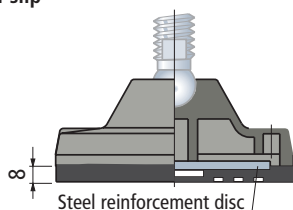
Packaging : 8 pieces

Part. 171



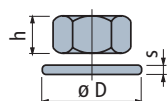
Accessories

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.

			Spindle types			Footplate in polyamide PA FV	Footplate in polypropylene PP FV	
						Code	Code	
			$\varnothing 14,2$	$\varnothing 14,2$	$\varnothing 24,5$ mm	feet supplied without anti-slip		
Spindle in stainless steel								
M 14	135	76	1a	-	-	11	171/634142	171/634152
	120	64	1a	-	-	13	171/634162	171/634172
	140	81	1a	-	-	13	171/634182	171/634192
	180	124	1a	-	-	13	171/634202	171/634212
M 16	210	151	1a	-	-	13	171/634222	171/634232
	145	84	1a	-	-	16	171/634242	171/634252
	210	149	1a	-	-	16	171/634262	171/634272
	210	146	1a	-	-	19	171/634282	171/634292

10000 (PA FV)
5000 (PP FV)

Spindle in nickel plated brass

M 16	120	63	-	2b	-	16	171/634302	171/634312
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Spindle in zinc plated steel

M 14	115	56	1a	-	-	11	171/634322	171/634332
	100	48	-	2b	-	16	171/L687651N	171/L687671N
	120	61	1a	-	-	13	171/634342	171/634352
	120	68	-	2b	-	16	171/L69509N	171/L69499N
M 16	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
M 20	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 24	155	100	1a	-	-	16	171/634422	171/634432
	205	150	1a	-	-	16	171/634442	171/634452
	275	214	1a	-	-	16	171/634462	171/634472
	145	81	1a	-	-	19	171/634482	171/634492

Spindle in reinforced polyamid (black) with steel pin

M 16	120	54	-	-	3	24	171/628132	171/628472
M 20	140	69	-	-	3	30	171/628142*	171/628482*
	205	129	-	-	3	30	171/628152	171/628492

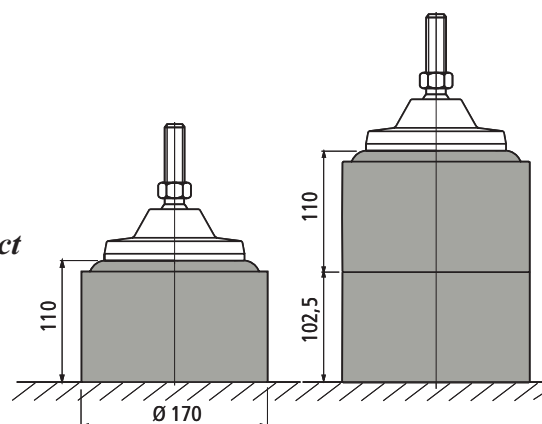
- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black) and reinforced polypropylene PP FV (black).
- Packaging : 8 pieces.
- Anti-slip supplied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part. 726 - Spacer



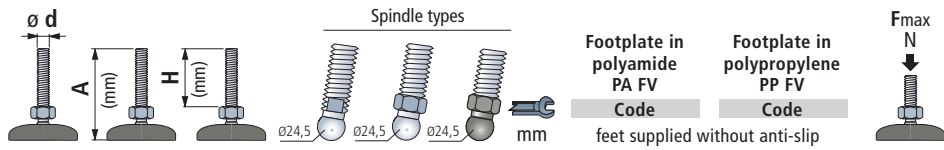
New Product

- Code : **726/688772**.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg;
- Packaging : 8 pieces.



Part. 171R

Reinforced version



Spindle in stainless steel

							Footplate in polyamide PA FV Code	Footplate in polypropylene PP FV Code	
M 16	135	74	-	6b	-	24	171/628052	171/628502	25000 (PA 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	10000 (PP FV)
	205	139	1b	-	-	16	171/628102	171/628552	
	270	204	1b	-	-	16	171/687531N	171/687551N	
M 24	140	79	-	6b	-	24	171/628112	171/628562	
	240	179	-	6b	-	24	171/628122	171/628572	
	280	216	1b	-	-	19	171/682281N	171/682301N	

Spindle in stainless steel with ball in reinforced polyamide (black)

M 12	120	53	-	-	6	19	171/L681271N	171/L681291N	17000 (PA 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*	10000 (PP FV)
	215	149	-	-	6	19	171/L681471N*	171/L681491N*	
M 16	120	53	-	-	6	24	171/L681551N	171/L681571N	10000 (PP FV)
	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	
M 20	250	181	-	-	6	24	171/L681831N	171/L681851N	
	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

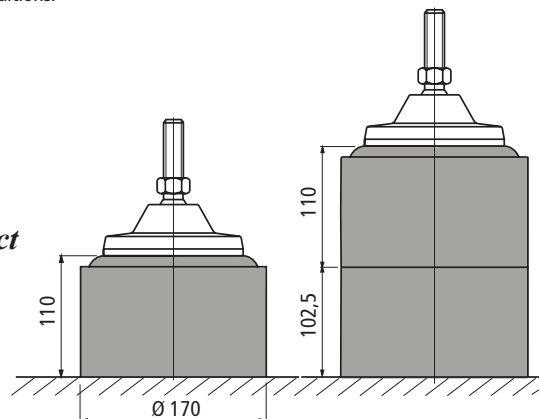
M 16	115	54	-	6b	-	24	171/628162	171/628582	25000 (PA FV)
	150	89	-	6b	-	24	171/628172	171/628592	
	180	119	-	6b	-	24	171/628182	171/628602	
	215	154	-	6b	-	24	171/628192	171/628612	
M 20	140	74	1b	-	-	16	171/628202	171/628622	10000 (PP FV)
	175	106	1b	-	-	16	171/628212	171/628632	
	205	139	1b	-	-	16	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	

- * = Available upon request and minimum order quantity.
- Footplate material : reinforced polyamide PA FV (black) and reinforced polypropylene PP FV (black).
- Packaging : 8 pieces.
- Anti-slip supplied separately (on request supplied fixed to the foot).
- On request different length.
- Fmax. = maximum applicable load in static conditions.

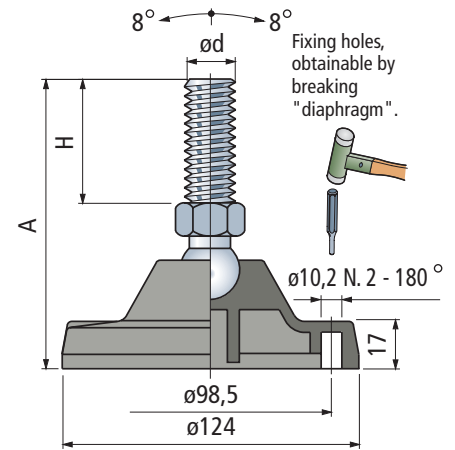
Part. 726 - Spacer



- Code : 726/688772.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg.
- Packaging : 8 pieces.

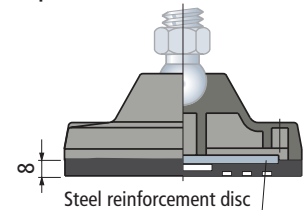


Same dimensions as Part. 171, it differs in its higher load capacity.



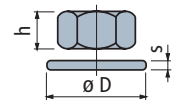
Accessories

Anti-slip



- Code with reinforcement disc : 630082.
- Code without reinforcement disc : 630092.
- Assembly : with screws for plate supplied loose.
- Material : NBR rubber (black), 80 Shore.
- Packaging : 8 pieces.

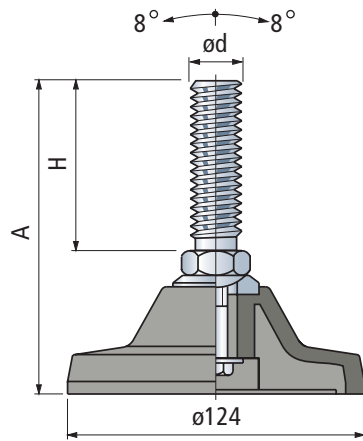
Nut + Washer



	Code					
	Stainless steel AISI 304	Zinc plated steel	h mm	s mm	Ø D mm	s mm
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 8 pieces.

Part. 254

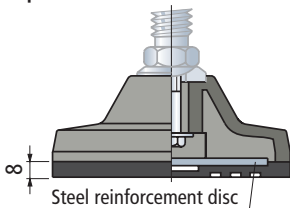


Code feet supplied without anti-slip							
Spindle in stainless steel							
M 16	175	118	-	12	22	254/629092	45000
	205	148	-	12	22	254/629102	
M 20	205	148	-	12	22	254/629112	
M 24	230	165	11	-	19	254/678631	
M 30	190	120	11	-	27	254/629122	
	250	180	11	-	27	254/629132	
Spindle in zinc plated steel							
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.

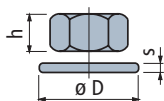
Accessories

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		h	s	øD	s
	Stainless steel AISI 304	Zinc plated steel	mm	mm	mm	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

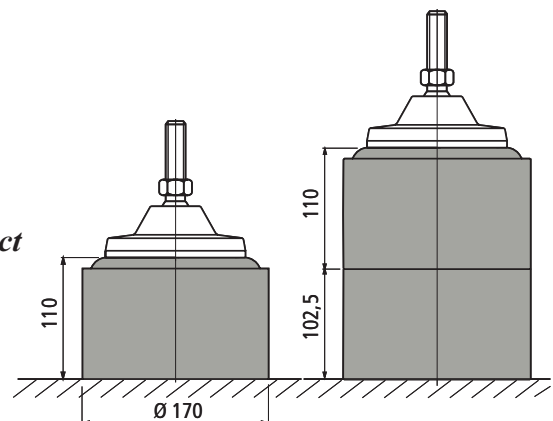
Packaging : 8 pieces.

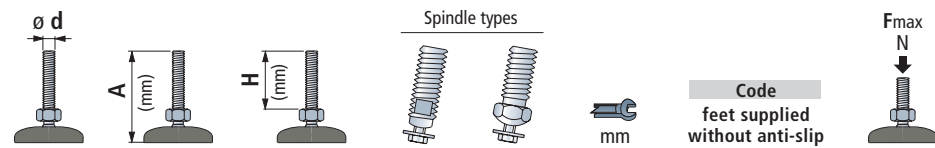
Part. 726 - Spacer



New Product

- Code : **726/688772**.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg.
- Packaging : 8 pieces.



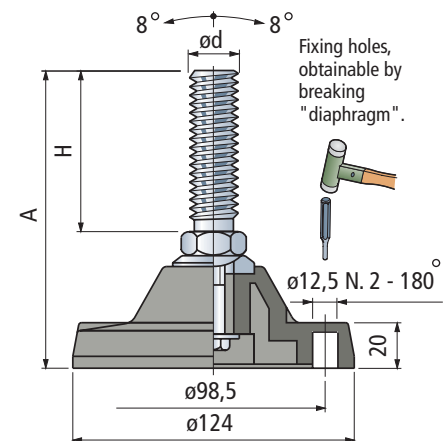


Spindle in stainless steel							45000
M 16	175	118	-	12	22	297/629182	
	205	148	-	12	22	297/629192	
M 20	205	148	-	12	22	297/629202	
M 24	230	165	11	-	19	297/680371N	
M 30	190	120	11	-	27	297/629212	
	250	180	11	-	27	297/629222	
Spindle in zinc plated steel							45000
M 20	155	100	-	12	22	297/629232	
	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

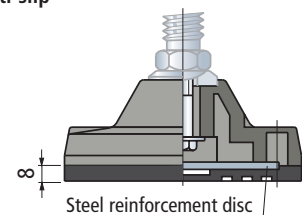


Same dimensions as Part. 254, it differs in its predisposition to fixing.



Accessories

Anti-slip



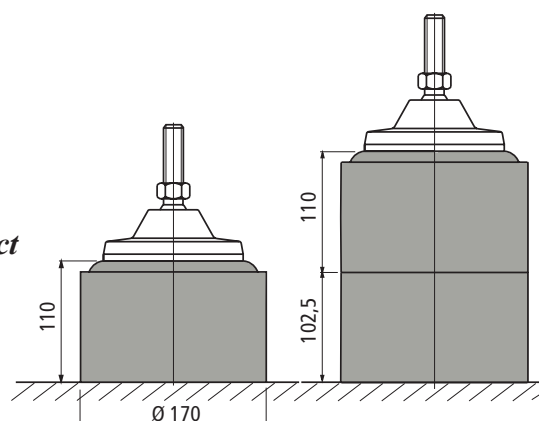
- Code with reinforcement disc : 630082.
- Code without reinforcement disc : 630092.
- Assembly : with screws for plate supplied loose.
- Material : NBR rubber (black), 80 Shore.
- Packaging : 8 pieces

Part. 726 - Spacer

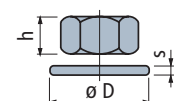


New Product

- Code : 726/688772.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg.
- Packaging : 8 pieces.



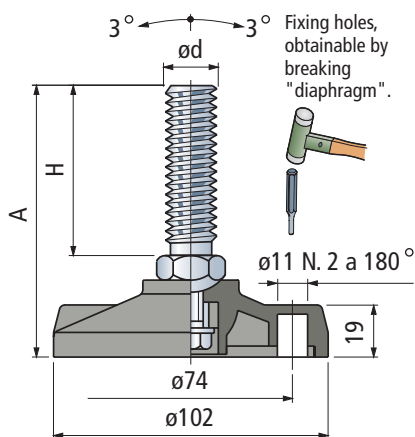
Nut + Washer

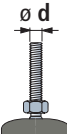
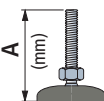
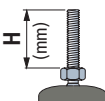
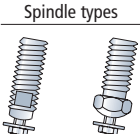
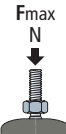


Code		h mm		øD mm	s mm	
Stainless steel AISI 304	Zinc plated steel					
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4
M30	630242	630172	24	46	56	4

Packaging : 8 pieces.

Part. 134

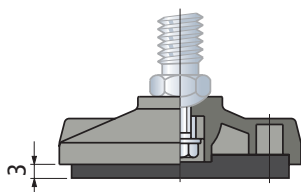


					 mm	Code feet supplied without anti-slip	
Spindle in stainless steel							
M 16	155	118	-	12	22	134/629002	20000
	185	148	-	12	22	134/629012	
M 20	185	148	-	12	22	134/629022	
M 24	210	165	11	-	19	134/680091N	
M 30	170	120	11	-	27	134/629032	
	230	180	11	-	27	134/629042	
Spindle in zinc plated steel							
M 20	135	100	-	12	22	134/629052	20000
	175	140	-	12	22	134/629062	
M 30	170	120	11	-	27	134/629072	
	230	180	11	-	27	134/629082	
	305	250	11	-	27	134/688191N*	

- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces (*= 12 pieces).
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

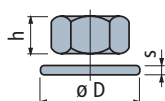
Accessories

Anti-slip



- Code : 630052.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer

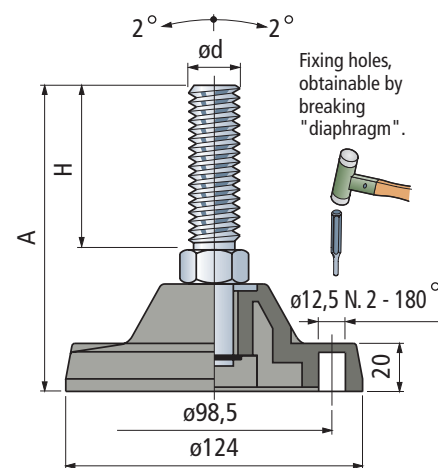


Code						
Stainless steel	Zinc plated	h			øD	s
AISI 304	steel	mm	mm	mm	mm	mm
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4
M30	630242	630172	24	46	56	4

Packaging : 8 pieces.

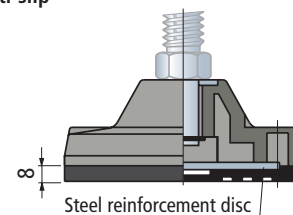
	Ø d	A (mm)	H (mm)	Spindle types		Footplate in polyamide PA FV	Footplate in polypropylene PP FV	Fmax N
					mm	Code	Code	
feet supplied without anti-slip								
Spindle in stainless steel								
M 16	255	200	21	-	13	169/604993	-	
	140	81	-	22	30	169/624802	169/628682	45000 (PA FV)
M 20	205	146	-	22	30	169/624812	169/628692	13000 (PP FV)
	270	218	21	-	17	169/611523*	169/611633*	
M 24	205	152	21	-	19	169/624822	169/628702	
M 30	205	152	21	-	24	169/624832	169/628712	
Spindle in zinc plated steel								
M 16	255	200	-	22	24	169/624842	169/628722	
	255	200	21	-	13	169/604983*	-	
	140	81	-	22	30	169/624852	169/628732	45000 (PA FV)
M 20	205	146	-	22	30	169/624862	169/628742	13000 (PP FV)
	205	154	21	-	17	169/611653	169/636162	
	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



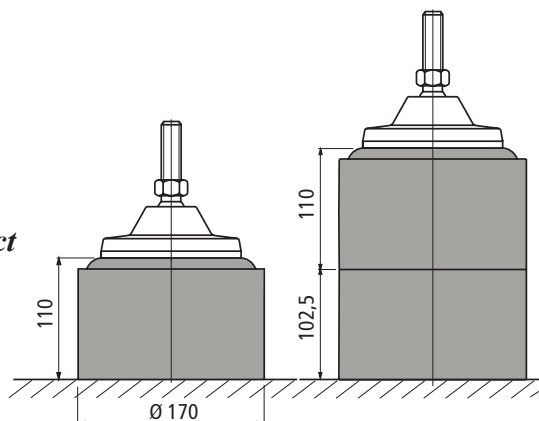
- Code with reinforcement disc : 630082.
- Code without reinforcement disc : 630092.
- Assembly : with screws for plate supplied loose.
- Material : NBR rubber (black), 80 Shore.
- Packaging : 8 pieces.

Part. 726 - Spacer

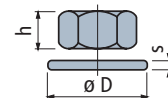


New Product

- Code : 726/688772.
- Material : reinforced polyamide PA FV (black).
- Weight : 1,15 Kg.
- Packaging : 8 pieces.



Nut + Washer



	Code					
	Stainless steel	Zinc plated steel	h 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.

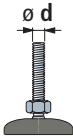
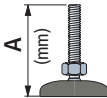
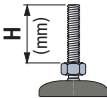
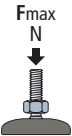
Ø 30

Fixed Feet in reinforced polypropylene

marbett®

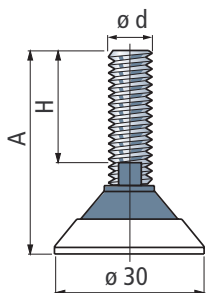
Part. 675



					Code	
Spindle in stainless steel						
M 8		44	22	6	675/683422	8000
		64	42	6	675/683432	
M 10		42	22	8	675/683442	10000
		67	47	8	675/683452	

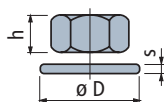
- Footplate material : reinforced polypropylene PP FV (white).
- Packaging : 12 pieces.
- Fmax. = maximum applicable load in static conditions.

**New
Product**



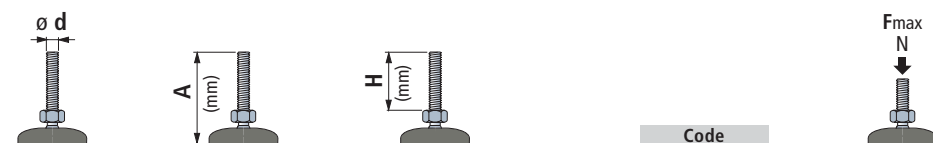
Accessories

Nut + Washer



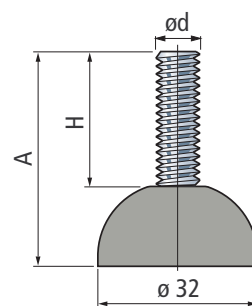
	Code	h		ØD	s
	Stainless steel	mm	mm	mm	mm
	AISI 304				
M10	630182	8	17	21	2

Packaging : 24 pieces.



Spindle in zinc plated steel				Code
M 6	31	15		753/603233
	36	20		753/603243
	41	25		753/603253
	46	30		753/603263
M 8	31	15		753/603273
	36	20		753/603283
	41	25		753/603293
	46	30		753/603303
	51	35		753/603313
	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

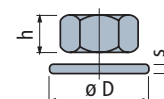
2500

**New
Product**


- 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

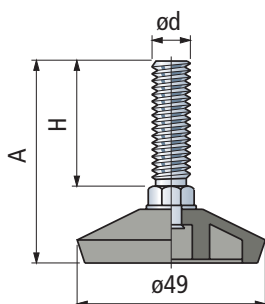
marbett®

Part. 600



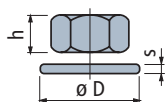
Ø d	A (mm)	H (mm)	mm	Code	Fmax N
M 10	50	30	10	600/68582	2000

- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 48 pieces.
- Fmax. = maximum applicable load in static conditions.



Accessories

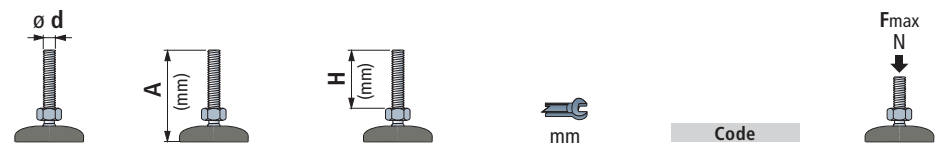
Nut + Washer



Code	h	ØD	s
Zinc plated steel	mm	mm	mm
M10 630112	8	17	2

Packaging : 24 pieces.

Part.602



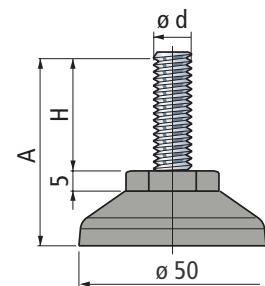
Spindle in zinc plated steel

				Code	
M 8	50	30	22	602/603523	5000
M 10	60	40	22	602/693852	

- Footplate material : reinforced polyamide PA FV (black).
- Packaging : 24 pieces.
- Fmax. = maximum applicable load in static conditions.

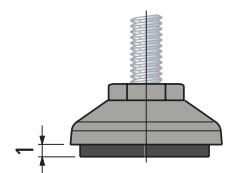


New Product



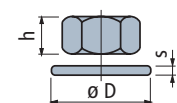
Accessories

Anti-slip



- Code : **630012**.
- Material : NBR rubber (black), 70 Shore.
- Assembly : press-fit.
- Packaging : 24 pieces.

Nut + Washer



	Code	Zinc plated steel	h mm	 mm	øD mm	s mm
M8	630102		6,5	13	17	1,6
M10	630112		8	17	21	2

Packaging : 24 pieces.

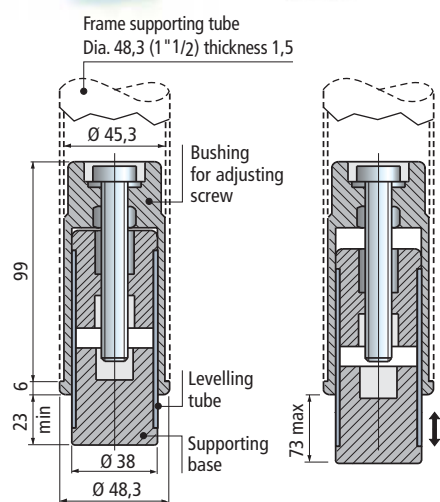
Part. 745

New
Product



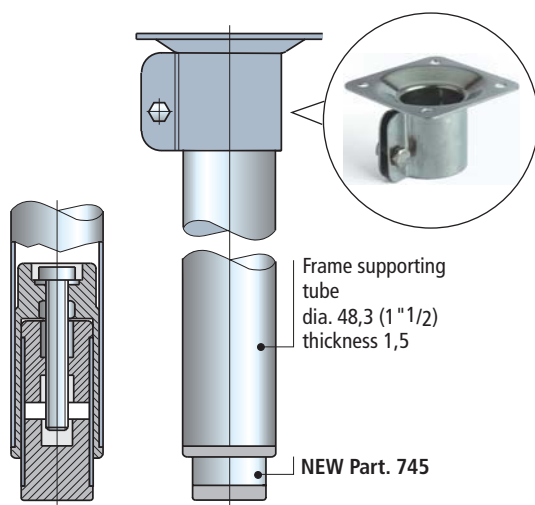
Material	Code	Fmax N ↓
Stainless steel AISI 304	745/699062	4000

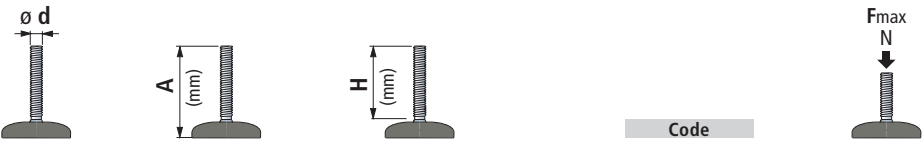
- Material : levelling tube in stainless steel AISI 304. Supporting base and bushing for adjusting screw in reinforced polyamide PA FV (black). Adjusting screw in stainless steel AISI 304. Threaded bushings in nickel plated brass.
- Packaging : 24 pieces.
- Fmax. = maximum applicable load in static conditions.



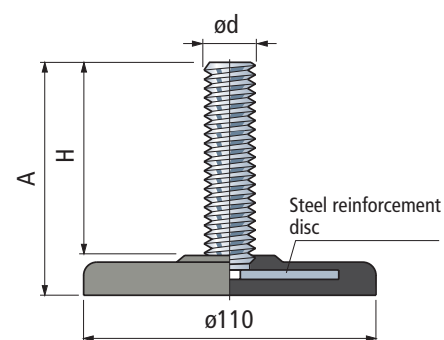
Assembly

Fixing system with Part.690
(bearing head).



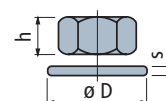
				
Spindle in zinc plated steel				
M 16	101	86	31/5150	6000

- 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		øD	s
		mm	mm	mm	mm
M16	630142	13	24	30	3

Packaging : 8 pieces.

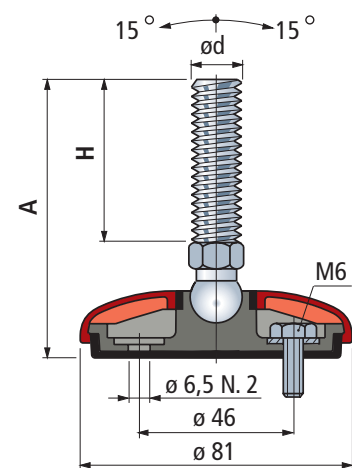
Ø 80

Articulated Feet Gripper in reinforced polypropylene

marbett®

Part. 626

Microban® antibacterial protection



Protection cap

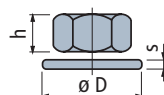


Colour	Code
Dark grey	641912
White	641922
Blue	641932
Orange	641942
Black	641952

- Material : polypropylene PP, with Microban® antibacterial protection.
- Packaging : 24 pieces.
- Customized cap with customer logo.
- Other colours available upon request.

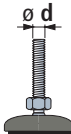
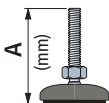
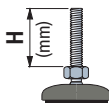
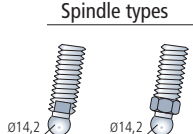
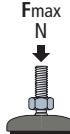
Accessories

Nut + Washer



	Code		h mm		øD mm	s mm
	Stainless steel AISI 304	Zinc plated steel				
M10	630182	630112	8	17	21	2
M12	630192	630122	10	19	24	2,5
M14	630202	630132	11	22	28	2,5
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4

Packaging : 24 pieces (for M10), 8 pieces (for M12, M14, M16, M20, M24).

							
Code							
feet supplied without cap*							
mm							
Spindle in stainless steel							
M 10	95	67	-	2b	14	626/641392	10000
M 12	85	55	-	2b	14	626/641402	
	145	115	-	2b	14	626/641412	
M 14	110	76	1a	-	11	626/641712	
M 16	100	64	1a	-	13	626/641722	
	115	81	1a	-	13	626/641732	
	160	124	1a	-	13	626/641742	
	185	151	1a	-	13	626/641752	
M 20	120	84	1a	-	16	626/641762	
	185	149	1a	-	16	626/641772	
M 24	185	146	1a	-	19	626/641782	
Spindle in zinc plated steel							
M 10	60	30	-	2b	14	626/641522	10000
	95	65	-	2b	14	626/641532	
	145	115	-	2b	14	626/641542	
M 12	65	35	-	2b	14	626/641552	
	100	70	-	2b	14	626/641562*	
	120	90	-	2b	14	626/641572*	
M 14	90	56	1a	-	11	626/641792	
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	
	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	
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.

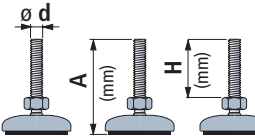
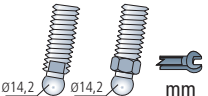
- The sealing of the internal structure guarantees a better hygiene.

- Feet can be fixed to the floor.

- Packaging : 24 pieces.

- On request different length.

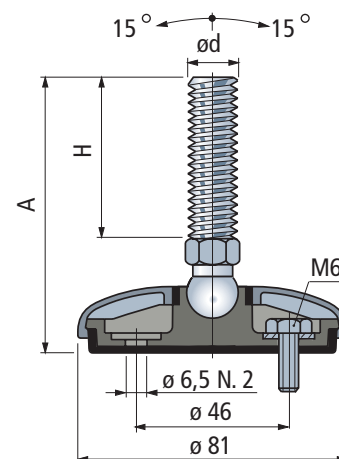
- Fmax. = maximum applicable load in static conditions.

			Spindle types			Code		
						feet with cap supplied assembled	feet with cap * supplied disassembled	
			mm					
Spindle in stainless steel								
M 10	95	67	-	2b	14	627/641972	627/647292	10000
M 12	85	55	-	2b	14	627/641982	627/647302	
	145	115	-	2b	14	627/641992	627/647312	
M 14	110	76	1a	-	11	627/642102	627/647322	
M 16	100	64	1a	-	13	627/642112	627/647332	
	115	81	1a	-	13	627/642122	627/647342	
	160	124	1a	-	13	627/642132	627/647352	
	185	151	1a	-	13	627/642142	627/647362	
M 20	120	84	1a	-	16	627/642152	627/647372	
	185	149	1a	-	16	627/642162	627/647382	
M 24	185	146	1a	-	19	627/642172	627/647392	



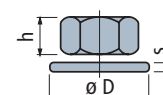
Foot base is supplied with Microban® antibacterial protection. By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.

- * = Feet can be fixed to the floor.
- Protection cap material : stainless steel AISI 304.
- Base material : reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore).
- Materials are supplied with Microban® antibacterial protection.
- The sealing of the internal structure guarantees a better hygiene.
- Packaging : 24 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



Accessories

Nut + Washer

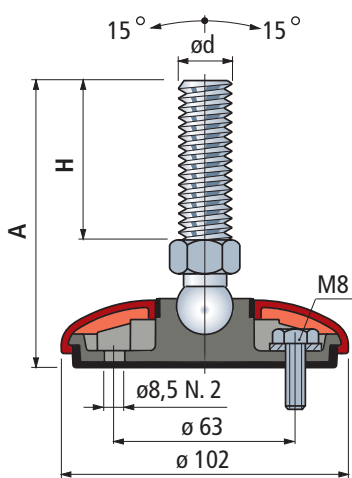


	Code	Stainless steel AISI 304	h mm	s mm	Ø D mm
M10	630182	8	17	21	2
M12	630192	10	19	24	2,5
M14	630202	11	22	28	2,5
M16	630212	13	24	30	3
M20	630222	16	30	37	3
M24	630232	19	36	44	4

Packaging : 24 pieces (for M10), 8 pieces (for M12, M14, M16, M20, M24).

Part. 622

Microban® antibacterial protection



Protection cap

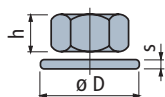


Colour	Code
Dark grey	637052
White	637062
Blue	637072
Orange	637082
Black	639412

- Packaging : 24 pieces.
- Customized cap with customer logo.
- Other colours available upon request.

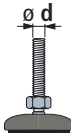
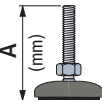
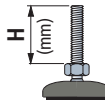
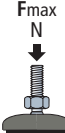
Accessories

Nut + Washer



	Code	Stainless steel	Zinc plated steel	h	mm	mm	mm	mm	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.

									Spindle types					Code			
feet supplied without cap*																	
Spindle in stainless steel																	
M 14	115	76	1a	-	-	11	622/643542	19500									
	105	64	1a	-	-	13	622/643552										
	115	74	-	-	6b	24	622/637262										
	115	65	-	1b	-	13	622/640362*										
	120	81	1a	-	-	13	622/643562										
	150	109	-	-	6b	24	622/637272										
	150	100	-	1b	-	13	622/640372*										
	165	124	1a	-	-	13	622/643572										
	185	144	-	-	6b	24	622/637282										
	185	135	-	1b	-	13	622/640382										
M 16	190	151	1a	-	-	13	622/643582										
	200	159	-	-	6b	24	622/637292										
	200	150	-	1b	-	13	622/640392										
	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										
	120	79	-	-	6b	24	622/637322										
M 24	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	19500									
	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*										
M 16	190	151	1a	-	-	13	622/643662										
	195	154	-	-	6b	24	622/637372										
	195	148	-	1b	-	13	622/640452*										
	120	76	-	-	6b	24	622/637462*										
	120	74	-	1b	-	16	622/637382										
	140	100	1a	-	-	16	622/643672										
	155	111	-	-	6b	24	622/637472*										
	155	106	-	1b	-	16	622/637392										
	185	141	-	-	6b	24	622/637482*										
	185	139	-	1b	-	16	622/637402										
M 20	190	150	1a	-	-	16	622/643682										
	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										
M 24	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.

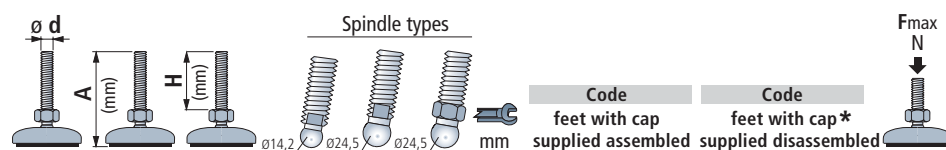
- Packaging : 24 pieces.

- On request different length.

- Fmax. = maximum applicable load in static conditions.

Part. 623

Microban® antibacterial protection



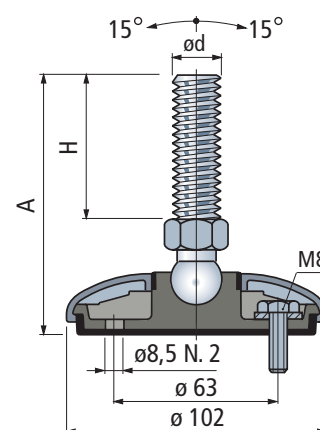
Spindle in stainless steel

Spartan in business deal								
M 14	115	76	1a	-	-	11	623/643722	623/647402
	105	64	1a	-	-	13	623/643732	623/647412
	115	74	-	-	6b	24	623/637512	623/647422
	115	65	-	1b	-	13	623/640482*	623/647432*
	120	81	1a	-	-	13	623/643742	623/647442
M 16	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
	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



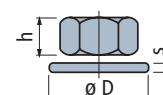
Foot base is supplied with Microban® antibacterial protection. By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, cause contamination and odour.

- = 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

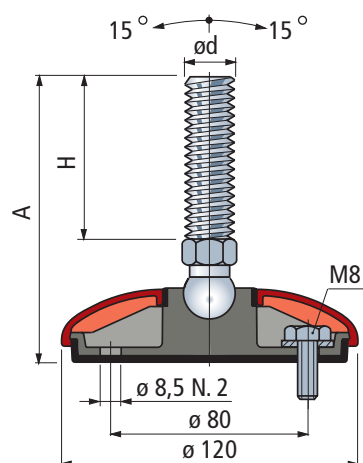


	Code	h		øD	s
	Stainless steel	mm	mm	mm	mm
	AISI 304				
M14	630202	11	22	28	2,5
M16	630212	13	24	30	3
M20	630222	16	30	37	3
M24	630232	19	36	44	4

Packaging : 8 pieces.

Part. 628

Microban® antibacterial protection



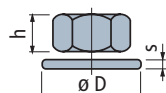
Protection cap



- Material : polypropylene PP, with Microban® antibacterial protection.
- Packaging : 24 pieces.
- Customized cap with customer logo.
- Other colours available upon request.

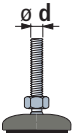
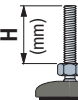
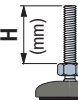
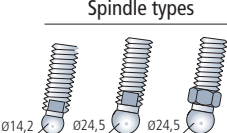
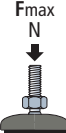
Accessories

Nut + Washer



	Code	Stainless steel AISI 304	Zinc plated steel	h mm	s 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.

																
A (mm)			H (mm)						mm		Code		feet supplied without cap*			
Spindle in stainless steel																
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									
	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										
M 20	125	76	-	-	6b	24	628/642522*									
	125	74	-	1b	-	16	628/642532									
	130	84	1a	-	-	16	628/643852									
	190	141	-	-	6b	24	628/642542									
	190	139	-	1b	-	16	628/642552									
	195	149	1a	-	-	16	628/643862									
M 24	125	79	-	-	6b	24	628/642562									
	125	74	-	1b	-	19	628/642572*									
	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									
	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*										
M 16	125	76	-	-	6b	24	628/642682*									
	125	74	-	1b	-	16	628/642692									
	145	100	1a	-	-	16	628/643932									
	160	111	-	-	6b	24	628/642702*									
	160	106	-	1b	-	16	628/642712									
	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										
M 20	125	79	-	-	6b	24	628/642762									
	125	79	-	1b	-	19	628/642772									
	130	81	1a	-	-	19	628/643962									
	190	144	-	-	6b	24	628/642782									
	190	139	-	1b	-	19	628/642792									
	195	146	1a	-	-	19	628/643972									
	M 24															



Microban® Foot base are protection cap, supplied with Microban® antibacterial protection.

By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria, S-aureus, Campylobacter, which can cause contamination and odour.

* = Available upon request and minimum order quantity.

* = Feet are supplied without protection caps. Caps have to be ordered separately, indicating selected colour.

- Base material : reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore).

- Materials are supplied with Microban® antibacterial protection.

- The sealing of the internal structure guarantees a better hygiene.

- Feet can be fixed to the floor.

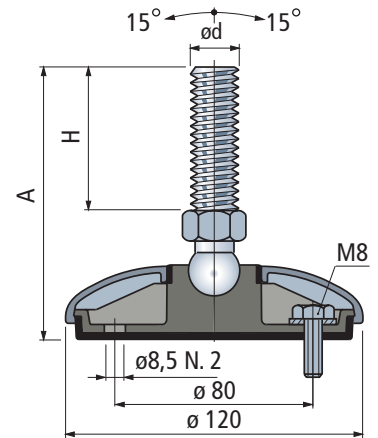
- Packaging : 24 pieces.

- On request different length.

- Fmax. = maximum applicable load in static conditions.

				Spindle types			Code		Code		
							feet with cap supplied assembled		feet with cap * supplied disassembled		
Spindle in stainless steel											
M 14	120	76	1a	-	-	11	629/643982	629/647642			
	110	64	1a	-	-	13	629/643992	629/647652			
	120	74	-	-	6b	24	629/642282	629/647662			
	120	65	-	1b	-	13	629/642292*	629/647672*			
	125	81	1a	-	-	13	629/644002	629/647682			
	155	109	-	-	6b	24	629/642302	629/647692			
	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			
M 16	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			
	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			
M 20	125	74	-	1b	-	19	629/642412*	629/647842*			
	195	146	1a	-	-	19	629/644052	629/647852			
	225	179	-	-	6b	24	629/642422	629/647862			
	225	172	-	1b	-	19	629/642432	629/647872			

22000



Foot base is supplied with Microban® antibacterial protection. By penetrating the cell wall of bacteria Microban® inhibits the growth of most common food poisoning bacteria, such as E.coli, Salmonella, Listeria,

S-aureus, Campylobacter, which can cause contamination and odour.

• = Available upon request and minimum order quantity.

* = Feet can be fixed to the floor.

- Protection cap material : stainless steel AISI 304.

- Base material : reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (80 Shore).

Materials are supplied with Microban® antibacterial protection.

- The sealing of the internal structure guarantees a better hygiene.

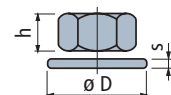
- Packaging : 24 pieces.

- On request different length.

- Fmax. = maximum applicable load in static conditions.

Accessories

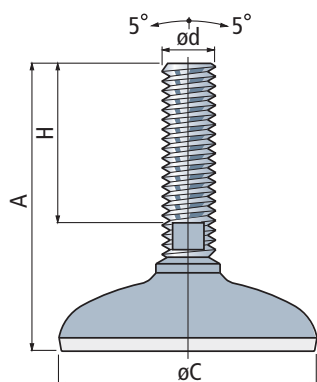
Nut + Washer

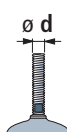
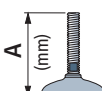
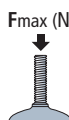


	Code	Stainless steel AISI 304	h mm	s mm	ØD mm	s mm
M14	630202		11	22	28	2,5
M16	630212		13	24	30	3
M20	630222		16	30	37	3
M24	630232		19	36	44	4

Packaging : 8 pieces.

Part. 747-748-749

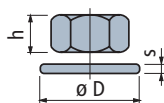
New
Product

					mm	Code	
Ø C mm		A (mm)	H (mm)				Fmax (N)
Part. 747							
	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							
	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							
	M 16	190	136	13		749/602093	25000
	M 20	195	139	16		749/602103	
	M 24	225	167	19		749/602113	

- Material : footplate in stainless steel AISI 304. Spindle in stainless steel AISI 303. Anti-slip in vulcanized NBR rubber (white-grey), 75 Shore.
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Accessories

Nut + Washer

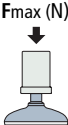


	Code	Stainless steel AISI 304	h mm		øD mm	s mm
M16	630212		13	24	30	3
M20	630222		16	30	37	3
M24	630232		19	36	44	4

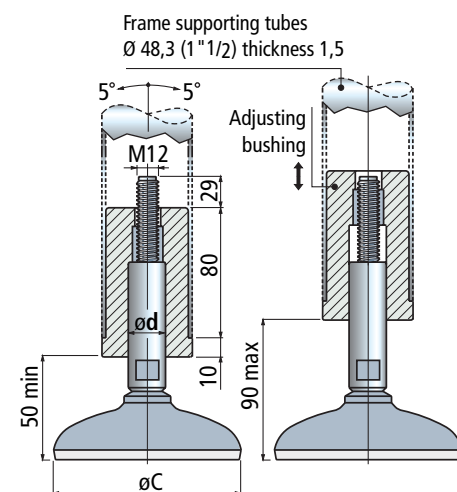
Packaging : 8 pieces.

Part. 750-751-752

*New
Product*

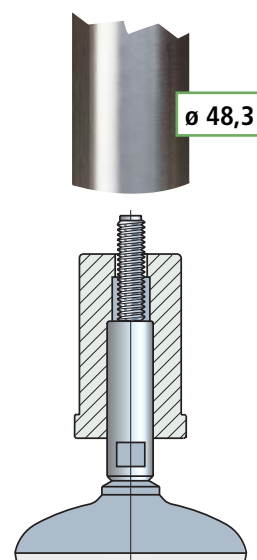
$\varnothing$ C mm	 $\varnothing$ d (mm)	 mm	Code	 Fmax (N)
Part. 750				
	16	13	750/602123	12000
	20	16	750/602133	
Part. 751				
	16	13	751/602143	12000
	20	16	751/602153	
Part. 752				
	16	13	752/602163	12000
	20	16	752/602173	

- Material : footplate in stainless steel AISI 304. Spindle in stainless steel AISI 304. Anti-slip in vulcanized NBR rubber (white-grey), 75 Shore. Adjusting bushing in reinforced polyamide PAFV (white) with Microban®. Threaded bushing in nickel plated brass.
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



Assembly

Can be used with
frame supporting tubes
dia. 48,3 mm (1 1/2),
thickness 1,5 mm.

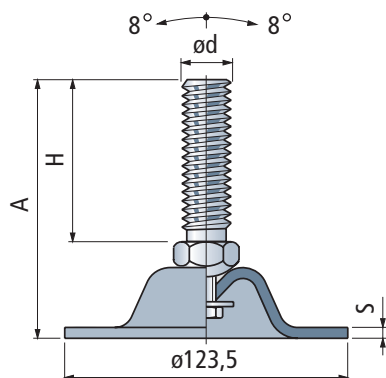


Part. 351



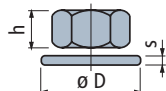
	Spindle types																																																																																																																																																																														
--	---------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



Accessories

Nut + Washer



	Code		h		øD	s
	Stainless steel AISI 304	Zinc plated steel	mm	mm	mm	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

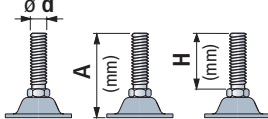
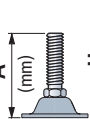
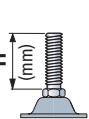
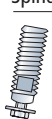
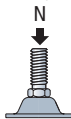
Packaging : 8 pieces.

Part.441 - with 2 fixing holes

	$\varnothing d$	A (mm)	H (mm)	$\varnothing$ hole	Df	S	Spindle types	mm	Code	Fmax N
				mm	mm	mm				
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

				Spindle types						
			Ø hole Df mm	S mm				Code		
Footplate and spindle in stainless steel										
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		

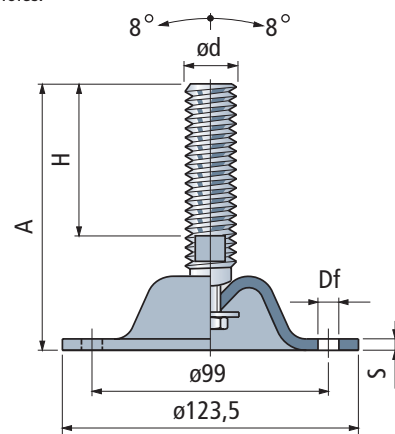
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Part.441-349

With 2 and 4 fixing holes

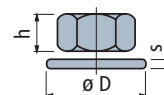


Same dimensions as Part. 351, it differs in its fixing holes.



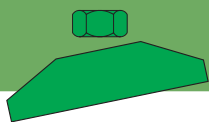
Accessories

Nut + Washer

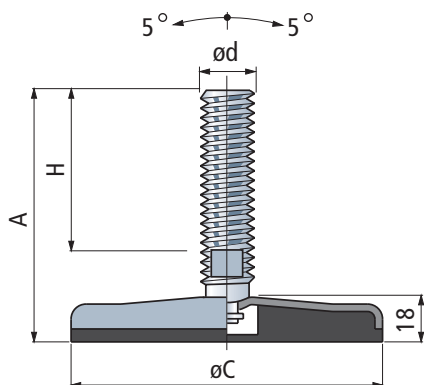


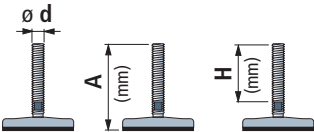
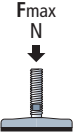
	Code					
	Stainless steel	Zinc plated	h		øD	s
	AISI 304	steel	mm	mm	mm	mm
M16	630212	630142	13	24	30	3
M20	630222	630152	16	30	37	3
M24	630232	630162	19	36	44	4
M30	630242	630172	24	46	56	4

Packaging : 8 pieces.



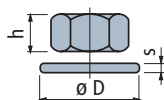
Part. 549-546-547-548



				Code			
ø C mm							
Part. 549							
	M 12	75	44	13	10	549/632372	10000
		100	66	13	10	549/632382	
		150	119	13	10	549/632392*	
		175	144	13	10	549/632402*	
	M 16	75	47	13	13	549/632412*	
		125	97	13	13	549/632422*	
		175	148	13	13	549/632432	
		Part. 546					
	M 16	175	148	13	13	546/684791	10000
	M 20	175	148	13	16	546/684811	
	M 24	205	165	13	19	546/684821	
	M 30	160	115	13	27	546/684831	
		220	175	13	27	546/684841	
Part. 547							
	M 16	175	148	13	13	547/684951	8000
	M 20	175	148	13	16	547/684971	
	M 24	205	165	13	19	547/684981	
	M 30	160	115	13	27	547/684991	
		220	175	13	27	547/685001	
Part. 548							
	M 16	175	148	13	13	548/685111	6000
	M 20	175	148	13	16	548/685131	
	M 24	205	165	13	19	548/685141	
	M 30	160	115	13	27	548/685151	
		220	175	13	27	548/685161	

Accessories

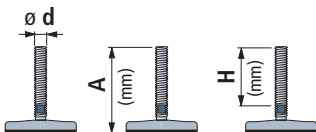
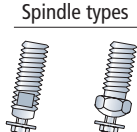
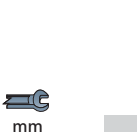
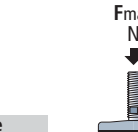
Nut + Washer



	Code	Stainless steel AISI 304	h mm	 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.

- * = 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.

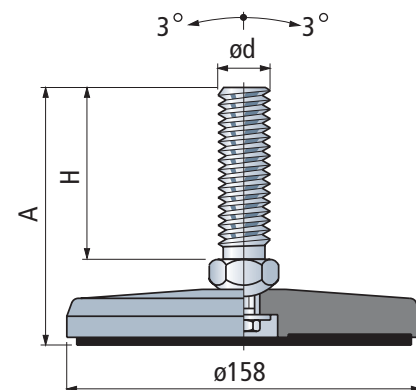
			Spindle types					
					mm	Code		Fmax N
Spindle in stainless steel								
M 16	180	148	-	12	22	408/678831	50000	
M 20	175	140	-	12	22	408/678841		
	180	148	-	12	22	408/688211		
M 24	210	165	11	-	19	408/678851		
M 30	165	120	11	-	27	408/678861		
	225	180	11	-	27	408/678881		
Spindle in zinc plated steel								
M 20	135	100	-	12	22	408/678761	50000	
	175	140	-	12	22	408/678771		
	245	210	-	12	22	408/678781		
M 24	135	90	11	-	19	408/678791		
	165	120	11	-	19	408/61396		
	210	165	11	-	19	408/678801		
	280	235	11	-	19	408/688221		
M 30	165	120	11	-	27	408/678811		
	225	180	11	-	27	408/678821		
	300	250	11	-	27	408/688231		

- Material : footplate in painted steel yellow. Anti-slip in NBR rubber black (70 Shore).

- Packaging : 4 pieces.

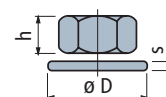
- On request different length.

- Fmax. = maximum applicable load in static conditions.



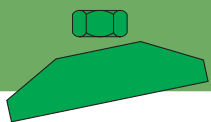
Accessories

Nut + Washer



	Code		h mm	ØD mm	s mm
	Stainless steel AISI 304	Zinc plated steel			
M16	630212	630142	13	24	3
M20	630222	630152	16	30	3
M24	630232	630162	19	36	4
M30	630242	630172	24	46	4

Packaging : 8 pieces.



Part. 383-384-399-385



$\varnothing C$ mm	$\varnothing d$ mm	A (mm)	H (mm)	mm	Code	Fmax N
Part. 383						
 $\varnothing 40$	M 8	57	30	13	383/65426	7000
Part. 384						
 $\varnothing 65$	M 12	90	50	19	384/65436	12000
Part. 399						
 $\varnothing 90$	M 16	110	60	24	399/61627	11000
Part. 385						
 $\varnothing 110$	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.

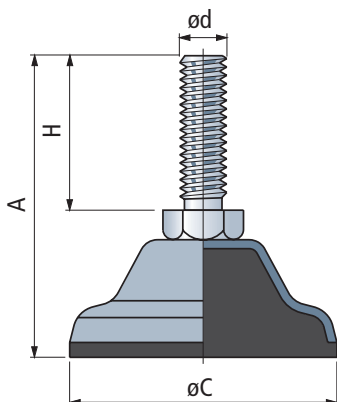
Characteristics

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.

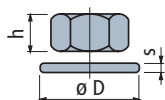
Application

The food-, dairy and meat industry.
Chemical and pharmaceutical industries.



Accessories

Nut + Washer



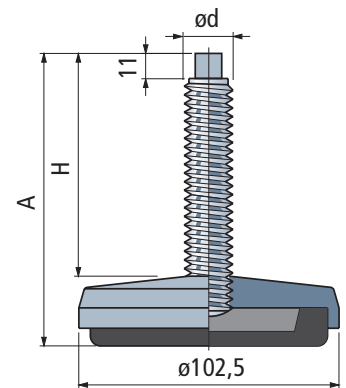
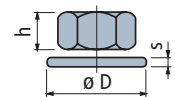
	Code	h mm	 mm	$\varnothing D$ mm	s mm
M8	654922	6,5	13	17	1,6
M12	630192	10	19	24	2,5
M16	630212	13	24	30	3
M20	630222	16	30	37	3

Packaging : 8 pieces.

Part.403

Spindle in zinc plated steel					
M 16	154	128	10	403/66604	50000

- Material : footplate in painted steel (yellow). Anti-slip in NBR rubber black (70 Shore).
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.


Accessories
Nut + Washer


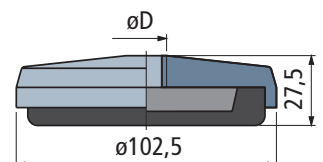
	Code	Zinc plated steel	h mm	mm	øD mm	s mm
M16	630142		13	24	30	3

Packaging : 8 pieces.

Part.528

Code		
M 16	528/644351	50000

- Material : footplate in painted steel (yellow). Anti-slip in NBR rubber black (70 Shore).
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

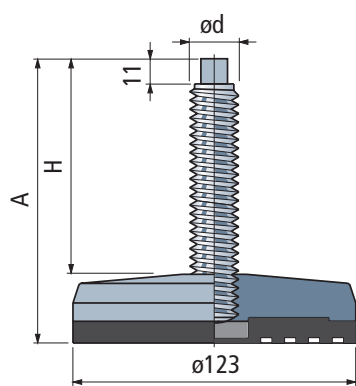


Part.406



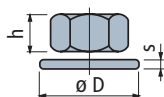
				Code	
Spindle in zinc plated steel					
M 16	157	127	10	406/66614	50000

- 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	Ø D mm	s mm
M16	630142		13	24	30	3

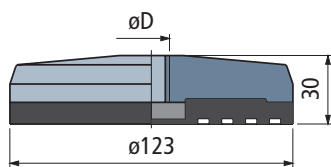
Packaging : 8 pieces.

Part.529



	Code	
M 16	529/644361	50000

- Material : footplate in painted steel (yellow). Anti-slip in NBR rubber black (80 Shore).
- Packaging : 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



ø C mm		A (mm)	H (mm)		Code Feet in zinc plated steel	Code Feet in zinc plated steel with yellow painted base	Weight Kg
Part. 701							
ø 80	M 12x1,25	130	39 (min.) 51 (max.)	8	701/63033	701/63623	0,58
Part. 702							
ø 120	M 16x1,5	130	47 (min.) 60 (max.)	9	702/63043	702/63633	1,40
Part. 703							
ø 160	M 20x1,5	183	54 (min.) 69 (max.)	12	703/63053	703/63643	2,80

- Packaging : 8 pieces (for Part. 701-702), 4 pieces (for Part. 703).
- Characteristics : specially designed to absorb vibrations and shocks in both horizontal and vertical directions. Accurate height adjustment. High adhesion to the floor.
- Application : cutting-and bending machines for sheet metal. Injection molding machines for plastics. Lathes, cutting-and grinding machines. Machines for the textile and printing industry.

Table 1		Load applied per foot (Kgf)					
		min.	max.	min.	max.	min.	max.
Min. rotation (rpm) or min. strokes/min	Part. 701	Part. 702	Part. 703				
	min.	max.	min.	max.	min.	max.	min.
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	

Examples of selection

1) Support for a lathe

- Given data: - Weight of the lathe: 2200 Kg.
- Minimum speed : 140 rpm.
- Quantity of feet : 4.

Selection: the load on each foot is

$$\frac{2200}{4} = 550 \text{ Kgf}$$

According to table 1 Part. 702 should be taken.

1) Supports for a metal press

- Given data: - Weight of the press : 3900 Kg.
- Min. number of shocks : 120 strokes/min.
- Quantity of feet : 6.

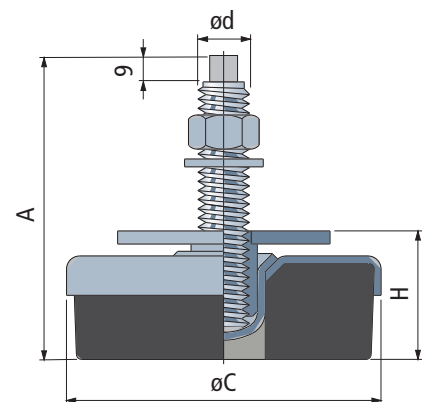
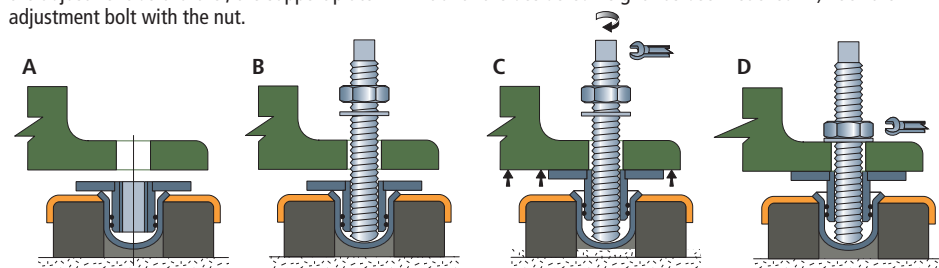
Selection: the load on each foot is

$$\frac{3900}{6} = 650 \text{ Kgf}$$

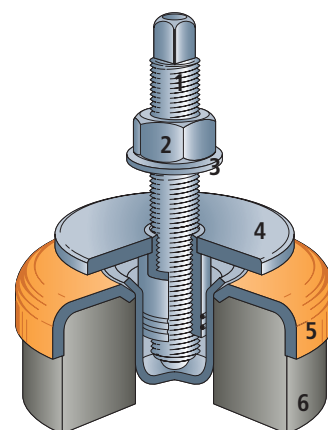
According to table 1 Part. 703 should be taken.

Mounting instructions

A) Lift the machine. Position the footplate. B) Mount the adjustment bolt with the nut and washer. C) By turning the adjustment bolt further, the support plate will lift until the desired height has been reached. D) Lock the adjustment bolt with the nut.

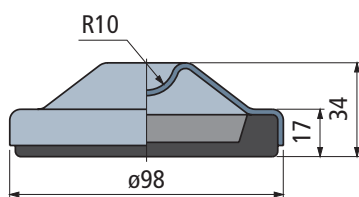


Components of the feet



- 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).

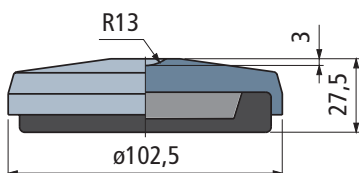
Part. 230



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

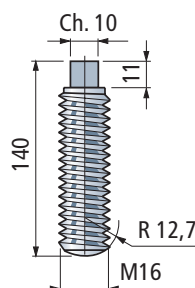
- Anti-slip material : NBR rubber black (70 Shore).
- Packaging : 8 pieces.
- Fmax. = maximum applicable load in static conditions.

Accessories

Part. 407

Spindle

- Code : 407 / 66594.
- Material : zinc plated steel.
- Packaging : 32 pieces.



Material	Code	F _{max} N
PVC rubber black (with steel insert)	55/5151	6000

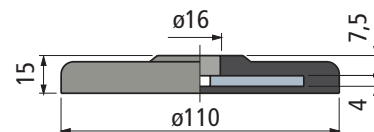
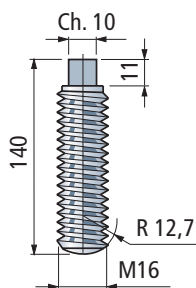
- Rubber hardness : 50 Shore.
- Packaging : 25 pieces.
- F_{max}. = maximum applicable load in static conditions

Accessories

Part. 407

Spindle

- Code : 407 / 66594.
- Material : zinc plated steel.
- Packaging : 32 pieces.



Material	Code	F _{max} N
NBR rubber black with steel insert (red painted)	187/55421	20000

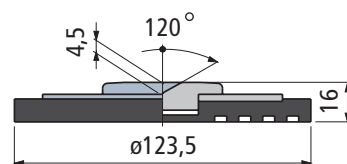
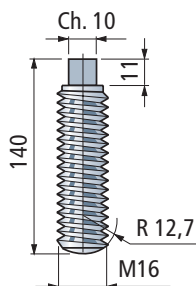
- Rubber hardness : 80 Shore.
- Bearing disc in nickel plated steel.
- Packaging : 8 pieces.
- F_{max}. = maximum applicable load in static conditions

Accessories

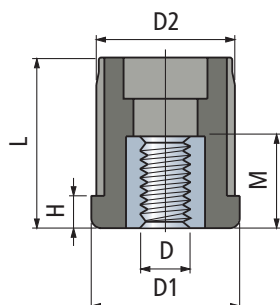
Part. 407

Spindle

- Code : 407 / 66594.
- Material : zinc plated steel.
- Packaging : 32 pieces.



Part. 180



Tube dimensions

lube dimensions			Thread D	D1 mm	D2 mm	H mm	L mm	M mm	Code	Fmax N ↓		
Outside dia. mm	Thickness Poll"	Inside dia. mm										
26,9	3/4	1,5	23,9	M12	27	24	6	30	19	180/63128	3000	
30	—	1	28	M10	30	28,4	6	34	19	180/61606	3000	
				M12	30	28,4	6	34	19	180/63766		
33,7	1	1,5	30,7	M12	34	31	6	35	19	180/63118	3000	
38	—	1,5	35	M10	37,5	35,5	9	44	19	180/68572	5000	
				M16	37,5	35,5	9	44	24	180/63061		
42,4	1 1/4	1,5	39,4	M16	44,5	39,6	9	42	24	180/63071	8000	
				M20	44,5	39,6	9	42	30	180/52691		
48,3	1 1/2	1,5	45,3	M16	48	45,5	10	52	24	180/63081	5000	
				M20	48	45,5	10	52	30	180/58631	8000	
50	—	3	42,3	M16	48	42,6	10	52	24	180/616592	5000	
				M10	50	47,5	10,5	56	19	180/682812	3000	
		M12	50	47,5	10,5	56	19	180/682822				
		1,5	47	M14	50	47,5	10,5	56	24	180/682832	5000	
				M16	50	47,5	10,5	56	24	180/682842		
				M20	50	47,5	10,5	56	30	180/682852		8000
				M10	50	46,5	10,5	56	19	180/682862		3000
		2	46	M12	50	46,5	10,5	56	19	180/682872		
				M14	50	46,5	10,5	56	24	180/682882	5000	
				M16	50	46,5	10,5	56	24	180/682892		
M20	50			46,5	10,5	56	30	180/682902	8000			
54	—	2	50	M16	54	50,8	10	62	24	180/647081	5000	
				M20	54	50,8	10	62	30	180/649801	8000	
60,3	2	1,5	57,3	M16	60	58	10	62	24	180/65154	5000	
				M16	60	58	10	49	24	180/607241		
				M20	60	58	10	62	30	180/65164		8000
		2	56,3	M16	60	57	10	62	24	180/65174	5000	
				M20	60	57	10	62	30	180/65184	8000	
		2,5	55,3	M16	60	56	10	62	24	180/65194	5000	
M20	60			56	10	62	30	180/65204	8000			
80	—	2	76	M14	80	76,5	10,5	90	24	180/682912	5000	
				M16	80	76,5	10,5	90	24	180/682922		
				M20	80	76,5	10,5	90	30	180/682932		8000
				M24	80	76,5	10,5	90	28	180/682942		
		3	74	M14	80	74,5	10,5	90	24	180/682952	5000	
				M16	80	74,5	10,5	90	24	180/682962		
				M20	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.

Tube dimensions B.S.I.

tube dimensions B.S.I.										Fmax N ↓		
Outside dia. Inch	mm	Thickness Inch	mm	Inside dia. mm	Thread D	D1 mm	D2 mm	H mm	L mm		M mm	Code
1,5"	38,1	0,065"	1,65	34,8	3/8"-16	37,5	35,5	9	44	19	180/672211 [•]	5000
					1/2"-13	37,5	35,5	9	44	19	180/59191 [•]	
					5/8"-11	37,5	35,5	9	44	24	180/59211 [•]	
2"	50,8	0,065"	1,65	47,5	3/8"-16	50	48,4	10	56	19	180/672221 [•]	5000
					1/2"-13	50	48,4	10	56	19	180/61681 [•]	
					5/8"-11	50	48,4	10	56	24	180/59221 [•]	8000
					3/4"-10	50	48,4	10	56	30	180/59201 [•]	
					M16	50	48,4	10	56	24	180/668191 [•]	

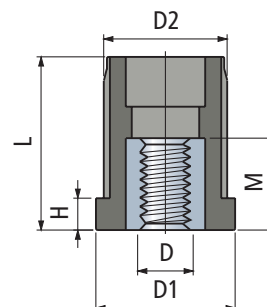
- * = Available upon request and minimum order quantity.
- Material : bushing in reinforced polyamid PA FV (black). Threaded insert in nickel plated brass.
- Packaging : 50 pieces.
- Fmax. = maximum applicable load in static conditions.

Metric tube dimensions			Thread D	D1 mm	D2 mm	H mm	L mm	M mm	Code	F _{max} N ↓
Outside mm	Thickness mm	Inside mm								
Ø 30	1,5	27	M10	30	27,5	6	33	19	224/68182	5000
			M12	30	27,5	6	33	19	224/63932	
			M14	30	27,5	6	33	24	224/63942	
			M16	30	27,5	6	33	24	224/63952	
	2	26	M10	30	26,5	6	33	19	224/673492	
			M12	30	26,5	6	33	19	224/673502	
			M14	30	26,5	6	33	24	224/673512	
			M16	30	26,5	6	33	24	224/673522	
	2,5	25	M12	30	25,5	6	33	19	224/69695*	
			M10	35	32,5	8	43	19	224/63243	
			M12	35	32,5	8	43	19	224/63253	
			M14	35	32,5	8	43	24	224/63263	
Ø 35	1,5	32	M16	35	32,5	8	43	24	224/63273	8000
			M20	35	32,5	8	43	30	224/64663	
			M10	40	37,5	8	43	19	224/64323	
			M12	40	37,5	8	43	19	224/63882	
	1,5	37	M14	40	37,5	8	43	24	224/63892	
			M16	40	37,5	8	43	24	224/63902	
			M20	40	37,5	8	43	30	224/63922	
			M16	40	36,5	8	43	24	224/66533	
	2	36	M20	40	36,5	8	43	30	224/64455	
			M16	50	47,8	10	55	24	224/68607	
			M20	50	47,5	10	55	30	224/68883	
Ø 40	1,5	47	3/8"-16	50	47,8	10	55	19	224/692781	5000
			1/2"-13	50	47,8	10	55	19	224/692791	
			5/8"-11	50	47,8	10	55	24	224/692801	
			3/4"-10	50	47,8	10	55	30	224/692811	
	2	46	M16	50	47	10	55	24	224/617632	
			M20	50	47	10	55	30	224/617642	
			M14	50	45,6	10	55	24	224/695411	
			M16	50	45,5	10	55	24	224/63051	
	2,5	45	M20	50	45,5	10	55	30	224/63001	

- * = Available upon request and minimum order quantity.
- Material : bushing in reinforced polyamid PA FV (black). Threaded insert in nickel plated brass.
- Packaging : 50 pieces.
- F_{max}. = maximum applicable load in static conditions.

B.S.I. tube dimensions			Thread D	D1 mm	D2 mm	H mm	L mm	M mm	Code	F _{max} N ↓
Outside Inch	Thickness mm	Inside mm								
Ø 1,5" 38,1	0,065" 1,65	34,8	3/8"-16	38	35,5	8	43	19	224/661621*	5000
			1/2"-13	38	35,5	8	43	19	224/59231*	
			5/8"-11	38	35,5	8	43	24	224/59251*	
			M16	38	35,5	8	43	24	224/62963*	
	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*	
			5/8"-11	38	32,6	8	43	24	224/61432*	
			3/4"-10	38	32,6	8	43	30	224/661631*	
	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*	
			5/8"-11	50	45,6	10	55	24	224/59261*	
			3/4"-10	50	45,6	10	55	30	224/59241*	

- * = Available upon request and minimum order quantity.
- Material : bushing in reinforced polyamid PA FV (black). Threaded insert in nickel plated brass.
- Packaging : 50 pieces.
- F_{max}. = maximum applicable load in static conditions.



Assembly

Pressure fitted.
Interference fit.



SQUARE FLANGE BEARING

Page B06-B15



OVAL FLANGE BEARING

Page B16-B25



PILLOW BLOCK BEARING

Page B26-B29



COMPACT PILLOW BLOCK BEARING

Page B30-B33



SIDE FLANGE BEARING

Page B34-B37



TAKE-UP BEARING

Page B38-B41



ROUND FLANGE BEARING

Page B42-B49



TECHNICAL INFORMATION

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 version for shaft dia. 45-50
(102 mm interaxis)*



B06

UCF - HCF
*New version for shaft dia. 45-50
(102 mm interaxis)*



B10

F
*New version for shaft dia. 40 mm
(102 mm interaxis)*



B14

COMPACT PILLOW BLOCK

UCPA/C - HCPA/C



B30

UCPA - HCPA



B32

**OVAL
FLANGE
BEARING**

UCFL/CL - HCFL/CL
Lubricated for life

LUBRICATED
FOR LIFE



Dry use recommended



B18

UCFL/C - HCFL/C
*New version for shaft dia. 17 mm
(90 mm interaxis)*



B16

UCFL - HCFL
*New version for shaft dia. 17 mm
(90 mm interaxis)*



B20

**SIDE
FLANGE
BEARING**

UCFB/C - HCFB/C
New version for shaft dia. 20-40



B34

UCFB - HCFB
New version for shaft dia. 20-40



B36

Microban®

antibacterial protection



Bearings with Microban® antibacterial protection

Effective function

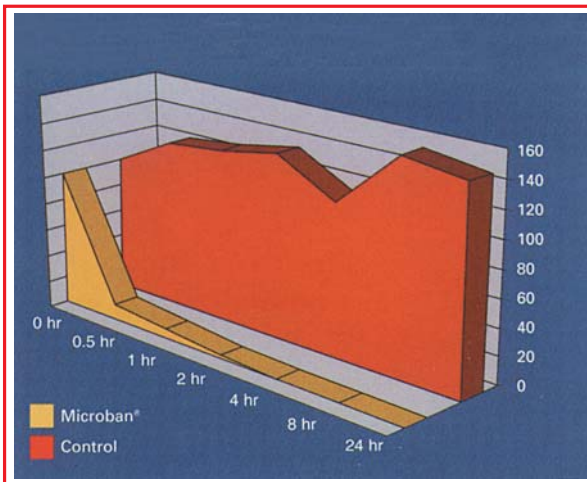
Microban® material is effective against the most common bacteria that may affect food and cause a number of contamination and bad smells in the like of Escherichia Coli 0157, Salmonella, Listeria, S-Aureus, Campylobacter. The material is not meant to substitute the common hygienic norms of cleaning routines, offering additional protection in the regular plants cleaning cycle contest.

Long lasting effectiveness

Lab test have clearly demonstrated that Microban® maintains its effective peculiarities for its entire life cycle.

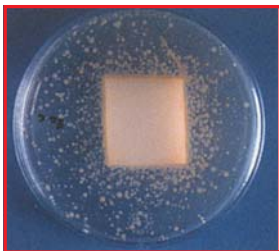
Safe functionality

Microban® has been approved for use in direct contact with edible organic foods by the Scientific Committee for Food (SCF) of the EU. In United States the Environment Protection Agency has approved its application in the transfer chains processes.

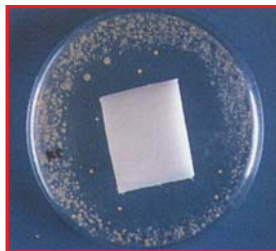


◀ Bacteria E.Coli in Microban® plastic compound compared to identical untreaded plastic

With Microban®
absence of bacteria on and
▼ around the product



◀ Without Microban® protection, growth of bacteria on and around the product



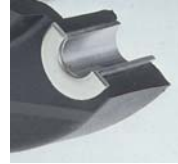
Solid flange bearings

Square and oval flange bearings are also available in the closed surface version of the flange structure, an ideal solution for maximum sanitification.

- Overall dimensions of self-aligning bearings are in accordance with ISO 3228 standards
- All self-aligning bearings are interchangeable with their correspondent cast iron versions

**ISO
3228**

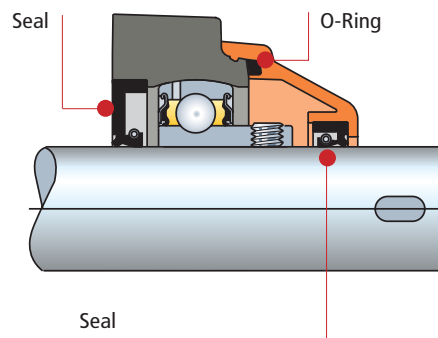
- Self-aligning bearings are equipped with stainless steel AISI 304/316 bushes to reinforce mounting holes
- The reinforcing bushings avoid damages to the plastic flange during screw tightening



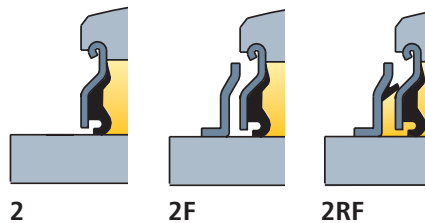
- Only best quality glass fibre reinforced polyamide PAFV/polypropylene PPFV thermoplastic resins are used for the self-aligning housings
- The resins used guarantee high resistance to oxidation and corrosion and at the same time equal the strength offered by cast iron housings. They offer a better resistance to impact
- Polyamide PAFV resins offer maximum heat and mechanical resistance
- Polypropylene PPFV resins offer maximum resistance to chemical agents



- A system of waterproof seals protects the bearing from external environment
- Protection from dust, humidity, washouts, chemical agents
- The clip-on protection cover allows inspection of the bearing



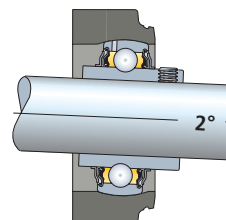
- Self-aligning bearings are equipped with ball bearings featuring multipurpose sealing systems.
- 2-Superagriseal unit. The system consists of a metallic ring fitted with a low friction rubber sealing lip
- 2F-Superagriseal unit + centrifuging ring. The system is further equipped with a metallic protection ring providing a centrifugal sealing action.
- 2RF-Superagriseal unit + rubberised centrifuging ring. This system is used in stainless steel bearings. The upper lip of the centrifuging ring together with the grease trapped between the base seal and the ring itself guarantees maximum sealing capacity.



- Waterproof self-aligning bearings feature seals for the protection against external environment
- Viton rubber seals ensure maximum resistance to chemical agents



- All bearings are self-aligning, capable of compensating misalignments up to 2°



ISO dimensions

Fixing bushes

Thermoplastic resins

Waterproof housing

Bearing seals

Support seals

Misalignment

Square flange bearing units

UCF/C-HCF/C



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)



Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft. Material nickel plated brass. Dimension : 1/8 Gas.

- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.
- **Solid flange bearings**
They differ from standard flange versions for their closed surface structure, ideal for sanitation.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.



Loads

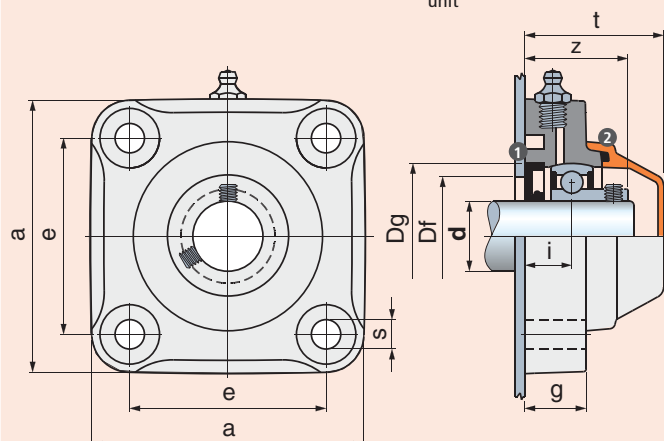
Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient		Max. axial load ¹⁾ N				
	dyn.1) C N	stat. Co N		PA FV N	PP FV N	PA FV N	PP FV N
25	14000	7800	2800	19550	13800	20700	11500
25*	14000	7800	2800	—	—	—	—
30	19500	11200	3900	19550	13800	20700	11500
35	25500	15300	5100	20700	13800	25300	13800
35*	25500	15300	5100	19550	13800	20700	11500
40	30700	19000	6140	20700	14375	25300	13800
40*	30700	19000	6140	19550	13800	20700	11500
45*	33200	21600	6640	32000	24000	35000	26000
50*	35100	23200	7020	32000	24000	35000	26000

* = Version with special fixing holes

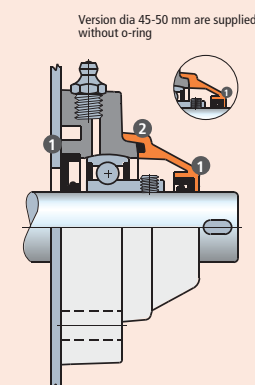
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0,77 values must be considered in all other cases.

Series UCF/C Grub screws shaft locking

Closed unit

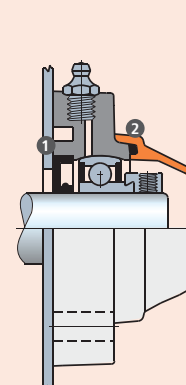


Open unit

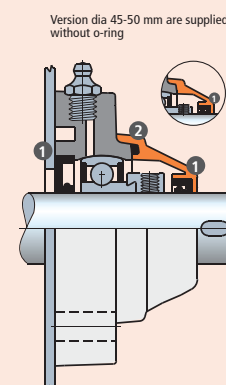


Series HCF/C Eccentric collar shaft locking

Closed unit



Open unit



- 1 Seal.
2 O-Ring.

Housing material

dia. d mm	Series	Polyamide PA FV Standard Flange (black) Cover (orange)	Polyamide PA FV with Microban® Solid Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Solid Flange (white) Cover (red)	Dimension in mm										Bore in frame ²⁾ Df		Weight Kg	Spare parts	
		Code	e	a	s	g	i	z	t	Dg max.	min.	Bearing	Cover orange	Cover red with Microban®					
													Code						
Grub screws shaft locking • Closed unit																			
25	UCF 205 C	64573	651172	680932	70	98	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,40	681952	681992	
25*	SUCF 205 C	603043	—	—	83	110	11	26	19,3	38,8	54	52	50	45	YAT 205	0,50	681952	—	
30	UCF 206 C	63112	651182	680942	83	110	11	26	20	41	55	62	60	50	YAT 206	0,56	63154	653322	
35	UCF 207 C	64018	651192	680952	92	120	11	26	19,5	43	59	72	70	55	YAT 207	0,72	682022	682042	
35*	SUCF 207 C	680522 ³⁾	668982	680962	83	110	11	26	19,5	43	61	72	70	55	YAT 207	0,67	63539	653342	
40	UCF 208 C	68916	651202	680972	102	131	11	30	22	47,3	65,5	80	78	65	YAT 208	0,95	63539	653342	
40*	SUCF 208 C	61819	651212	680982	83	110	11	26	19	44,3	66	80	78	65	YAT 208	0,88	600882	653352	
45*	SUCF 209 C	686592 ³⁾	686672	686752	102	131	11	30	23	48,8	73	85	83	75	YAT 209	1,10	686972	686982	
50*	SUCF 210 C	686602 ³⁾	686682	686762	102	131	11	30	23	52	73	90	88	80	YAT 210	1,20	686972	686982	
Grub screws shaft locking • Open unit																			
25	UCF 205 C	64623	651272	680992	70	98	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,40	681972	682012	
25*	SUCF 205 C	603053	—	—	83	110	11	26	19,3	38,8	54	52	50	45	YAT 205	0,50	681972	—	
30	UCF 206 C	63172	651282	681002	83	110	11	26	20	41	55	62	60	50	YAT 206	0,56	69965	653442	
35	UCF 207 C	64028	651292	681012	92	120	11	26	19,5	43	59	72	70	55	YAT 207	0,72	682032	682052	
35*	SUCF 207 C	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	680712	681052	70	98	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,44	681952	681992	
25*	SHCF 205 C	603063	—	—	83	110	11	26	19,3	42,8	54	52	50	45	YET 205	0,57	681952	—	
30	HCF 206 C	621501	651372	681062	83	110	11	26	20	46,7	55	62	60	50	YET 206	0,63	63154	653322	
35	HCF 207 C	680462	680722	681072	92	120	11	26	19,5	48,9	59	72	70	55	YET 207	0,90	682022	682042	
35*	SHCF 207 C	680642 ³⁾	669022	681082	83	110	11	26	19,5	48,9	61	72	70	55	YET 207	0,85	63539	653342	
40*	SHCF 208 C	62439	651382	681092	83	110	11	26	19	51,7	66	80	78	65	YET 208	1,07	600882	653352	
45*	SHCF 209 C	686632 ³⁾	686712	686792	102	131	11	30	23	56	73	85	83	75	YET 209	1,29	686972	686982	
50*	SHCF 210 C	686642	686722	686802	102	131	11	30	23	56	73	90	88	80	YET 210	1,39	686972	686982	
Eccentric collar shaft locking • Open unit																			
25	HCF 205 C	680472	680732	681102	70	98	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,44	681972	682012	
25*	SHCF 205 C	603073	—	—	83	110	11	26	19,3	42,8	54	52	50	45	YET 205	0,57	681972	—	
30	HCF 206 C	621481	651412	681112	83	110	11	26	20	46,7	55	62	60	50	YET 206	0,63	69965	653442	
35	HCF 207 C	680482	680742	681122	92	120	11	26	19,5	48,9	59	72	70	55	YET 207	0,90	682032	682052	
35*	SHCF 207 C	680692 ³⁾	669032	681132	83	110	11	26	19,5	48,9	61	72	70	55	YET 207	0,85	615692	669202	
40*	SHCF 208 C	62449	651422	681142	83	110	11	26	19	51,7	66	80	78	65	YET 208	1,07	600892	653472	
45*	SHCF 209 C	686652 ³⁾	686732	686812	102	131	11	30	23	56	73	85	83	75	YET 209	1,29	686992	687012	
50*	SHCF 210 C	686662 ³⁾	686742	686822	102	131	11	30	23	56	73	90	88	80	YET 210	1,39	687002	687022	

*= Version with special fixing holes

2) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

3) = Solid flange

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer
service for delivery times

On request for appropriate
suitable quantities

Square flange bearing units

UCF/CL-HCF/CL

LIFE
LUBRICATED



Dry use recommended



- **Life lubricated** The ball-bearings are pre-lubricated with a special grease keeping the bearing for its whole life. No need for re-lubrication (see page B58 to calculate the grease life)
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing.** High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing.** Proof to highly aggressive chemical agents. Inferior loading ability.
- **Solid flange bearings.** They differ from standard flange versions for their closed surface structure, ideal for sanification.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient dyn. ¹⁾ C N	stat. Co N	Max. 1) axial load N	 PA FV N	 PP FV N	 PA FV N	 PP FV N
25	14000	7800	2800	19550	13800	20700	11500
25*	14000	7800	2800	—	—	—	—
30	19500	11200	3900	19550	13800	20700	11500
35	25500	15300	5100	20700	13800	25300	13800
35*	25500	15300	5100	19550	13800	20700	11500
40	30700	19000	6140	20700	14375	25300	13800
40*	30700	19000	6140	19550	13800	20700	11500
45*	33200	21600	6640	32000	24000	35000	26000
50*	35100	23200	7020	32000	24000	35000	26000

* = Version with special fixing holes.

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

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.

UCF/CL-HCF/CL

■ Series UCF/CL - Grub screws shaft locking

Closed unit

Open unit

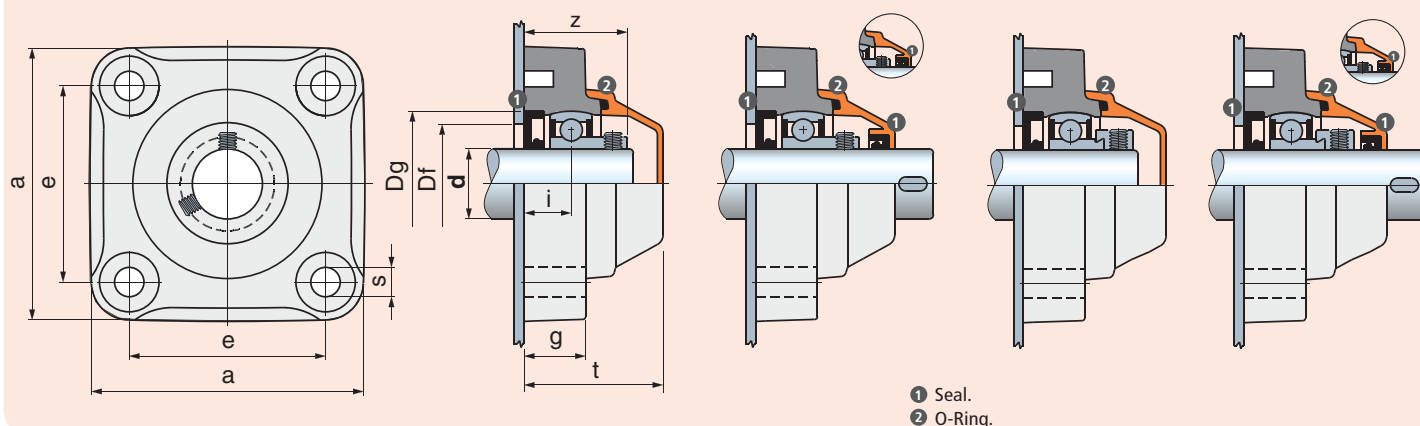
Version dia 45-50 mm are supplied without o-ring

■ Series HCF/CL - Eccentric collar shaft locking

Closed unit

Open unit

Version dia 45-50 mm are supplied without o-ring



Housing material

dia. d mm	Series	Polyamide PA FV Standard Flange (black) Cover (orange)	Polyamide PA FV with Microban® Solid Flange Cover (red)	Polypropylene PP FV with Microban® Solid Flange (white) Cover (red)	Dimensions in mm										Bore in frame Df		Weight Kg	Spare parts	
		Code	e	a	s	g	i	z	t	Dg	max.	min	Bearing	Coperchio arancio	Coperchio rosso Microban®				
														Code					
Grub screws shaft locking • Closed unit																			
25	UCF 205 CL	64573L	651172L	680932L	70	98	11	22,5	16,8	36,3	49,5	52	50	45	YAT205	0,40	681952	681992	
25*	SUCF 205 CL	603043L	—	—	83	110	11	26	19,3	38,8	54	52	50	45	YAT205	0,50	681952	—	
30	UCF 206 CL	63112L	651182L	680942L	83	110	11	26	20	41	55	62	60	50	YAT206	0,56	63154	653322	
35	UCF 207 CL	64018L	651192L	680952L	92	120	11	26	19,5	43	59	72	70	55	YAT207	0,72	682022	682042	
35*	SUCF 207 CL	—	668982L	680962L	83	110	11	26	19,5	43	61	72	70	55	YAT207	0,67	—	653342	
40	UCF 208 CL	68916L	651202L	680972L	102	131	11	30	22	47,3	65,5	80	78	65	YAT208	0,95	63539	653342	
40*	SUCF 208 CL	61819L	651212L	680982L	83	110	11	26	19	44,3	66	80	78	65	YAT208	0,88	600882	653352	
45*	SUCF 209 CL	—	686672L	686752L	102	131	11	30	23	48,8	73	85	83	75	YAT209	1,10	—	686982	
50*	SUCF 210 CL	—	686682L	686762L	102	131	11	30	23	52	73	90	88	80	YAT210	1,20	—	686982	
Grub screws shaft locking • Open unit																			
25	UCF 205 CL	64623L	651272L	680992L	70	98	11	22,5	16,8	36,3	49,5	52	50	45	YAT205	0,40	681972	682012	
25*	SUCF 205 CL	603053L	—	—	83	110	11	26	19,3	38,8	54	52	50	45	YAT205	0,50	681972	—	
30	UCF 206 CL	63172L	651282L	681002L	83	110	11	26	20	41	55	62	60	50	YAT206	0,56	69965	653442	
35	UCF 207 CL	64028L	651292L	681012L	92	120	11	26	19,5	43	59	72	70	55	YAT207	0,72	682032	682052	
35*	SUCF 207 CL	—	668992L	681022L	83	110	11	26	19,5	43	61	72	70	55	YAT207	0,67	—	669202	
40	UCF 208 CL	68926L	651302L	681032L	102	131	11	30	22	47,3	65,5	80	78	65	YAT208	0,95	63549	653462	
40*	SUCF 208 CL	61829L	651312L	681042L	83	110	11	26	19	44,3	66	80	78	65	YAT208	0,88	600892	653472	
45*	SUCF 209 CL	—	686692L	686772L	102	131	11	30	23	48,8	73	85	83	75	YAT209	1,10	—	687012	
50*	SUCF 210 CL	—	686702L	686782L	102	131	11	30	23	52	73	90	88	80	YAT210	1,20	—	687022	
Eccentric collar shaft locking • Closed unit																			
25	HCF 205 CL	680452L	680712L	681052L	70	98	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,44	681952	681992	
25*	SHCF 205 CL	603063L	—	—	83	110	11	26	19,3	42,8	54	52	50	45	YET 205	0,57	681952	—	
30	HCF 206 CL	621501L	651372L	681062L	83	110	11	26	20	46,7	55	62	60	50	YET206	0,63	63154	653322	
35	HCF 207 CL	680462L	680722L	681072L	92	120	11	26	19,5	48,9	59	72	70	55	YET207	0,90	682022	682042	
35*	SHCF 207 CL	—	669022L	681082L	83	110	11	26	19,5	48,9	61	72	70	55	YET207	0,85	—	653342	
40*	SHCF 208 CL	62439L	651382L	681092L	83	110	11	26	19	51,7	66	80	78	65	YET 208	1,07	600882	653352	
45*	SHCF 209 CL	—	686712L	686792L	102	131	11	30	23	56	73	85	83	75	YET 209	1,29	—	686982	
50*	SHCF 210 CL	—	686722L	686802L	102	131	11	30	23	56	73	90	88	80	YET 210	1,39	—	686982	
Eccentric collar shaft locking • Open unit																			
25	HCF 205 CL	680472L	680732L	681102L	70	98	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,44	681972	682012	
25*	SHCF 205 CL	603073L	—	—	83	110	11	26	19,3	42,8	54	52	50	45	YET 205	0,57	681972	—	
30	HCF 206 CL	621481L	651412L	681112L	83	110	11	26	20	46,7	55	62	60	50	YET206	0,63	69965	653442	
35	HCF 207 CL	680482L	680742L	681122L	92	120	11	26	19,5	48,9	59	72	70	55	YET207	0,90	682032	682052	
35*	SHCF 207 CL	—	669032L	681132L	83	110	11	26	19,5	48,9	61	72	70	55	YET207	0,85	—	669202	
40*	SHCF 208 CL	62449L	651422L	681142L	83	110	11	26	19	51,7	66	80	78	65	YET 208	1,07	600892	653472	
45*	SHCF 209 CL	—	686732L	686812L	102	131	11	30	23	56	73	85	83	75	YET 209	1,29	—	687012	
50*	SHCF 210 CL	—	686742L	686822L	102	131	11	30	23	56	73	90	88	80	YET 210	1,39	—	687022	

* = Version with special fixing holes

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer
service for delivery timesOn request for appropriate
suitable quantities

Square flange bearing units

UCF-HCF



Accessories



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Bearing in stainless steel AISI 420 • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Bearing in stainless steel AISI 420 • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Series YET (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit)
• Prelubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)



Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Grub screws or eccentric collar shaft locking

Version with bearing YAR 2F

The double ring guarantees maximum protection against dust and non-corrosive substances.

Version with stainless steel bearing YAR 2RF

AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.

Version with bearing YAT

The rubberised ring guarantees maximum protection against dusts.

Supports with Microban® antibacterial protection

Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

Material

Polyamide PA FV guarantees maximum strength and high-temperature resistance.

Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.



Loads

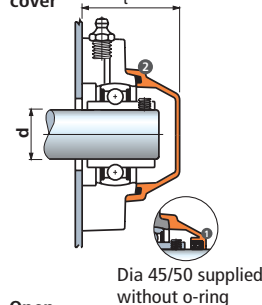
Shaft dia. d mm	Bearing load YAR 2F - YAT - YET			Bearing load YAR 2RF			Bearing unit max. static load	
	Load coefficient		Max. 1) axial load N	Load coefficient		Max. 1) axial load N	PA FV N	PA FV N
	dyn. 1) C N	stat. Co N		dyn. 1) C N	stat. Co N			
25	14000	7800	2800	11900	7800	2380	19550	20700
25*	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.

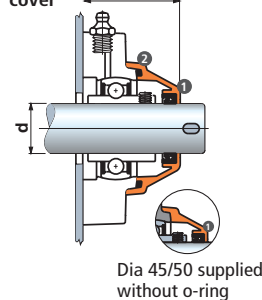
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Protection covers (accessory)

Closed cover



Open cover



- 1 Seal
- 2 Seal O-Ring

Accessories

dia. d mm	Cover orange	Cover red	t mm
	Microban®		
	Code		
Closed cover supplied with seals			
25	681952	681992	49,5
25*	681952	—	54
30	63154	653322	55
35	682022	682042	59
35*	63154	653342	61
40	63539	653342	65,5
40*	600882	653352	66
45*	686972	686982	73
50*	686972	686982	73
Open cover supplied with seals			
25	681972	682012	49,5
25*	681972	—	54
30	69965	653442	55
35	682032	682052	59
35*	615692	669202	61
40	63549	653462	65,5
40*	600892	653472	66
45*	686992	687012	73
50*	687002	687022	73

* = Version with special fixing holes

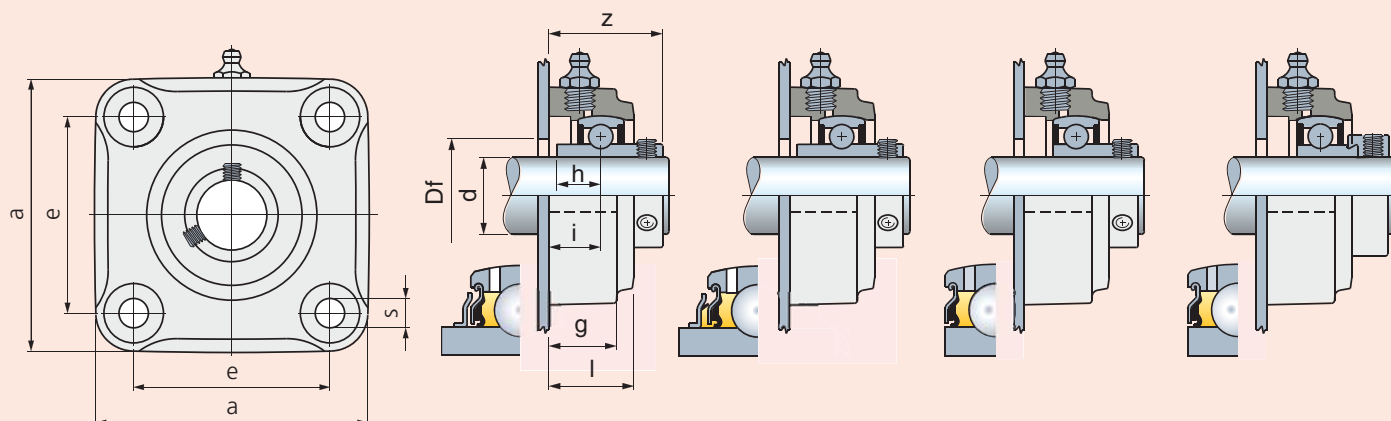
■ Series UCF Grub screws shaft locking

Version with
bearing
YAR 2F

Version with
stainless steel bearing
YAR 2RF

Version with
bearing
YAT

■ Series HCF Eccentric collar shaft locking



		Housing material													Bore in frame Df mm	Bearing	Weight Kg
dia. d mm	Series	Polyamide PA FV Standard Flange (black)	Polyamide PA FV with Microban® Solid Flange (grey)	Polypropylene PP FV with Microban® Solid Flange (white)	Dimensions in mm												
		Code			e	a	s	g	i	h	l	z					
Grub screws shaft locking • Version with bearing YAR 2F																	
25	UCF 205	64533	—	—	70	98	11	22,5	16,8	14,3	27,5	36,6	29	YAR 205 2F	0,44		
25*	SUCF 205	603163	—	—	83	110	11	26	19,3	14,3	31,5	39,1	29	YAR 205 2F	0,51		
30	UCF 206	60722	—	—	83	110	11	26	20	15,9	31,5	42,2	34	YAR 206 2F	0,57		
35	UCF 207	64058	—	—	92	120	11	26	19,5	17,5	32	45	39	YAR 207 2F	0,72		
35*	SUCF 207	68465	—	—	83	110	11	26	15,5	17,5	31,5	40,9	50	YAR 207 2F	0,65		
40	UCF 208	68956	—	—	102	131	11	30	22	19	36	52,2	44	YAR 208 2F	0,95		
40*	SUCF 208	61719	—	—	83	110	11	26	19	19	36	52,2	55	YAR 208 2F	0,88		
45*	SUCF 209	689232	—	—	102	131	11	30	23	19	38	53,2	49	YAR 209 2F	0,95		
50*	SUCF 210	689242	—	—	102	131	11	30	23	19	38	55,6	54	YAR 210 2F	0,88		
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																	
25	UCF 205	646592	681582	681642	70	98	11	22,5	16,8	14,3	27,5	36,6	29	YAR 205 2RF	0,44		
30	UCF 206	646602	681592	681652	83	110	11	26	20	15,9	31,5	42,2	34	YAR 206 2RF	0,57		
35	UCF 207	646612	681602	681662	92	120	11	26	19,5	17,5	32	45	39	YAR 207 2RF	0,72		
35*	SUCF 207	646622	681612	681672	83	110	11	26	15,5	17,5	31,5	40,9	50	YAR 207 2RF	0,65		
40	UCF 208	646632	681622	681682	102	131	11	30	22	19	36	52,2	44	YAR 208 2RF	0,95		
40*	SUCF 208	646642	681632	681692	83	110	11	26	19	19	36	52,2	55	YAR 208 2RF	0,88		
Grub screws shaft locking • Version with bearing YAT																	
25	UCF 205	656752	666612	681282	70	98	11	22,5	16,8	—	27,5	36,3	29	YAT 205	0,39		
25*	SUCF 205	603143	—	—	83	110	11	26	19,3	—	31,5	38,8	29	YAT 205	0,48		
30	UCF 206	666442	666622	681292	83	110	11	26	20	—	31,5	41	34	YAT 206	0,54		
35	UCF 207	666452	666632	681302	92	120	11	26	19,5	—	32	42,8	39	YAT 207	0,69		
35*	SUCF 207	682062	681212	681312	83	110	11	26	15,5	—	31,5	38,8	39	YAT 207	0,62		
40	UCF 208	666462	666642	681322	102	131	11	30	22	—	36	47,3	44	YAT 208	0,92		
40*	SUCF 208	681552	681222	681332	83	110	11	26	19	—	36	48	44	YAT 208	0,85		
45*	SUCF 209	686852	686872	686892	102	131	11	30	23	—	38	48,8	49	YAT 209	0,87		
50*	SUCF 210	686862	686882	686902	102	131	11	30	23	—	38	50,6	54	YAT 210	1,04		
Eccentric collar shaft locking																	
25	HCF 205	681562	681412	681502	70	98	11	22,5	16,8	—	27,5	40,3	29	YET 205	0,43		
25*	SHCF 205	603153	—	—	83	110	11	26	19,3	—	31,5	42,8	29	YET 205	0,55		
30	HCF 206	62329	681422	681512	83	110	11	26	20	—	31,5	46,7	34	YET 206	0,61		
35	HCF 207	681572	681432	681522	92	120	11	26	19,5	—	32	48,9	39	YET 207	0,87		
35*	SHCF 207	681392 ¹⁾	681442	681532	83	110	11	26	19,5	—	31,5	48,4	39	YET 207	0,82		
40*	SHCF 208	62349	681452	681542	83	110	11	26	19	—	36	51,7	44	YET 208	1,04		
45*	SHCF 209	686912	686932	686952	102	131	11	30	23	—	38	56	49	YET 209	0,87		
50*	SHCF 210	686922	686942	686962	102	131	11	30	23	—	38	56	54	YET 210	1,04		

* = Version with special fixing holes

1) Solid flange.

• = Solid flange 19,5

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer
service for delivery times

On request for appropriate
suitable quantities

Square flange bearing units

UCFS/C - HCFS/C



PATENT PENDING

- Austenitic stainless steel surface
- Waterproof housing
- Grub screws or eccentric collar shaft locking
- Solid flange

Patent pending design with perfect seal: rubber makes one-body with steel and engineering plastic bearing seat.

Material

Housing in reinforced polyamide PAFV resin (black) • Austenitic Stainless steel surface • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)



Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

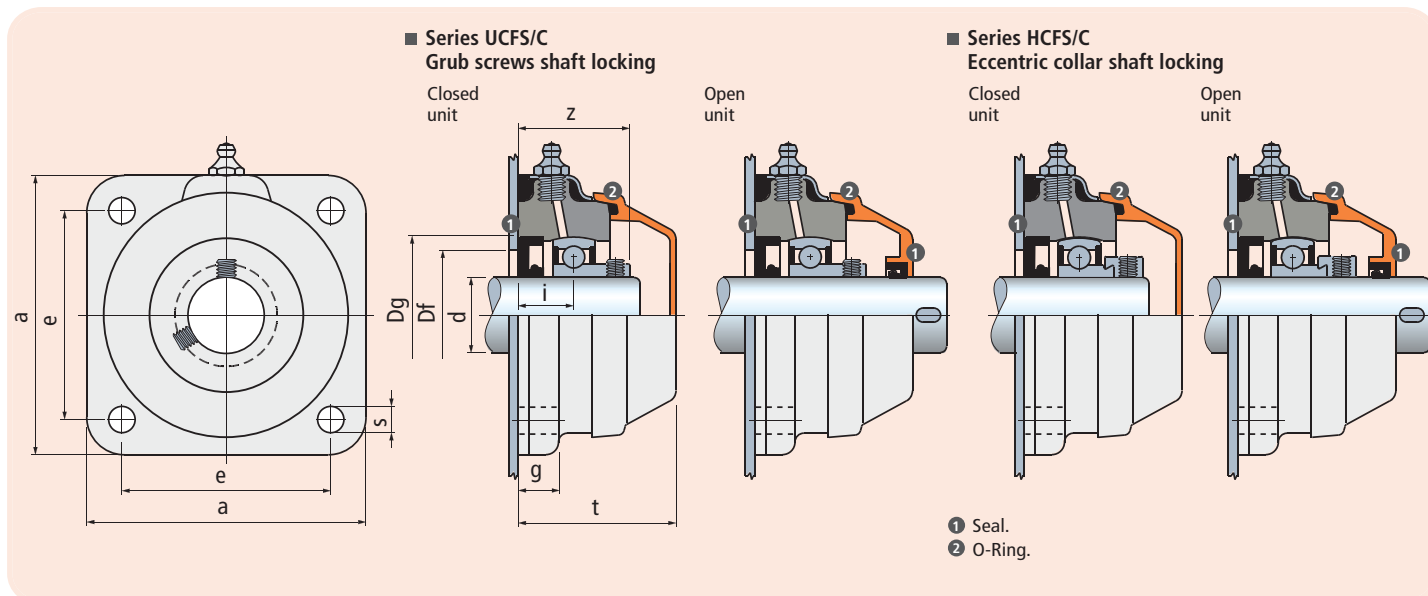
Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load	
	Load coefficient dyn. ¹⁾ C N	stat. Co N	Max. axial load N	 PA FV N	 PA FV N
30	19500	11200	3900	20700	25300
35*	25500	15300	5100	20700	25300
40*	30700	19000	6140	20700	25300

*= Version with special fixing holes

1) = Values are valid for applications with ≤ 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	e	a	s	Dimensions in mm				Dg	Bore in frame ¹⁾		Bearing	Weight Kg	Spare parts
		Polyamide PA FV with stainless steel surface Solid Flange Cover (orange)									Cover orange				
						Code	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.

Loads

Shaft dia. da mm	Bearing dia. d mm	Bearing load		Bearing unit max. static load					
		Load coefficient							
		dyn. C N	stat. Co N	PA N	FV N	PP N	FV N	PA N	FV N
30	25	14300	4000	21850	16100	17250	13800	8050	5750
35	30	15600	4650	21850	16100	17250	13800	18400	10350
40	35	19000	6000	21850	17250	17250	13800	19550	13800
40*	35*	19000	6000	21850	16100	17250	13800	18400	10350
45	40	19900	6950	23000	17250	18400	14350	19550	13800
45*	40*	19900	6950	21850	16100	17250	13800	18400	10350

*= Version with special fixing holes.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°

Bearing

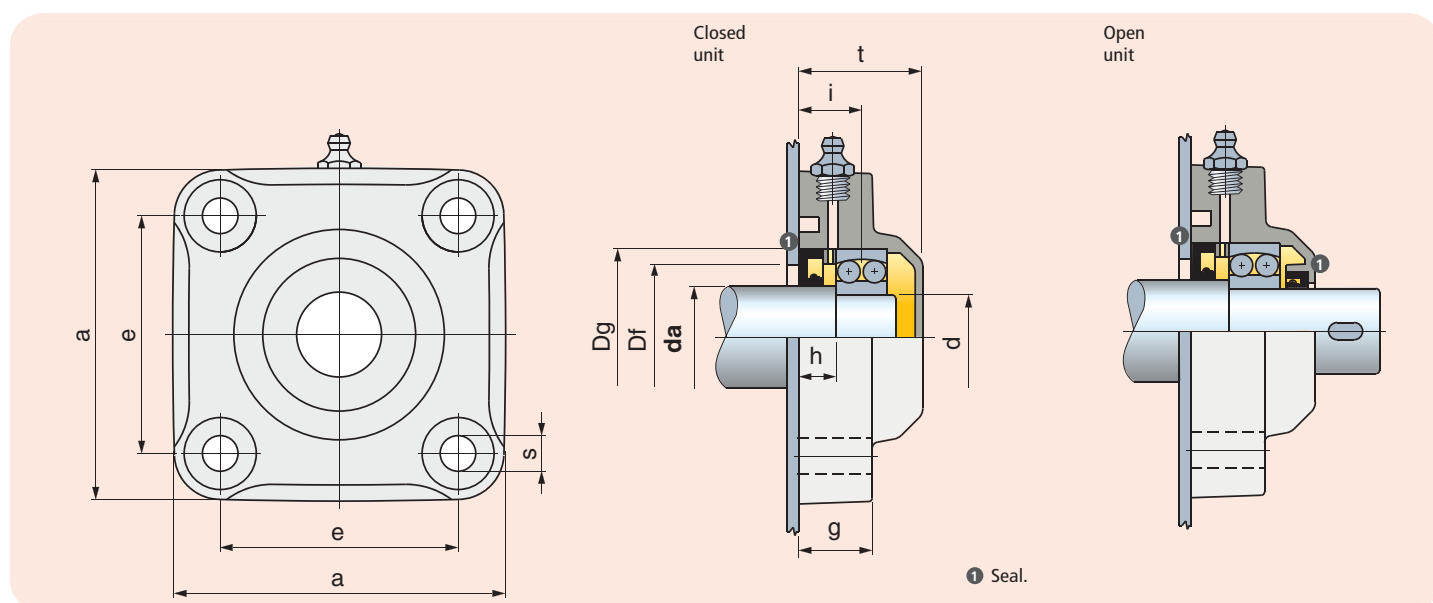
Series 1200 self aligning ball bearing • Chrome alloy steel • Supplied without grease • To be prelubricated with lithium / calcium grease during first installation

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.



1 Seal.

Shaft dia. da mm	Bearing dia. d mm	Series	Housing material		Dimensions in mm								Bore in frame ¹⁾ Df		Bearing	Weight Kg
			Polyamide PA FV Standard Flange (black)	Polypropylene PP FV ¹⁾ Standard Flange (black)	e	a	s	g	i	h	t	Dg	max.	min.		
			Code													
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

 Please, contact our customer
service for delivery times

Oval flange bearing units UCFL/C-HCFL/C



- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.
- **Solid flange bearings**
They differ from standard flange versions for their closed surface structure, ideal for sanitification.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient		Max. axial load N				
	dyn. ¹⁾ C N	stat. Co N		PA FV N	PP FV N	PA FV N	PP FV N
17	9500	4750	1900	9775	6325	9775	6900
20	12700	6550	2540	9775	6325	9775	6900
25	14000	7800	2800	10925	7475	11500	7475
25*	14000	7800	2800	10925	7475	11500	7475
30	19500	11200	3900	14950	9200	14375	11500
30*	19500	11200	3900	14950	9200	14375	11500
35	25500	15300	5100	14950	9200	13225	10925
35*	25500	15300	5100	14950	9200	14375	11500
40	30700	19000	6140	14950	9775	14950	10925
40*	30700	19000	6140	14950	9200	14375	11500

*= Version with special fixing holes

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



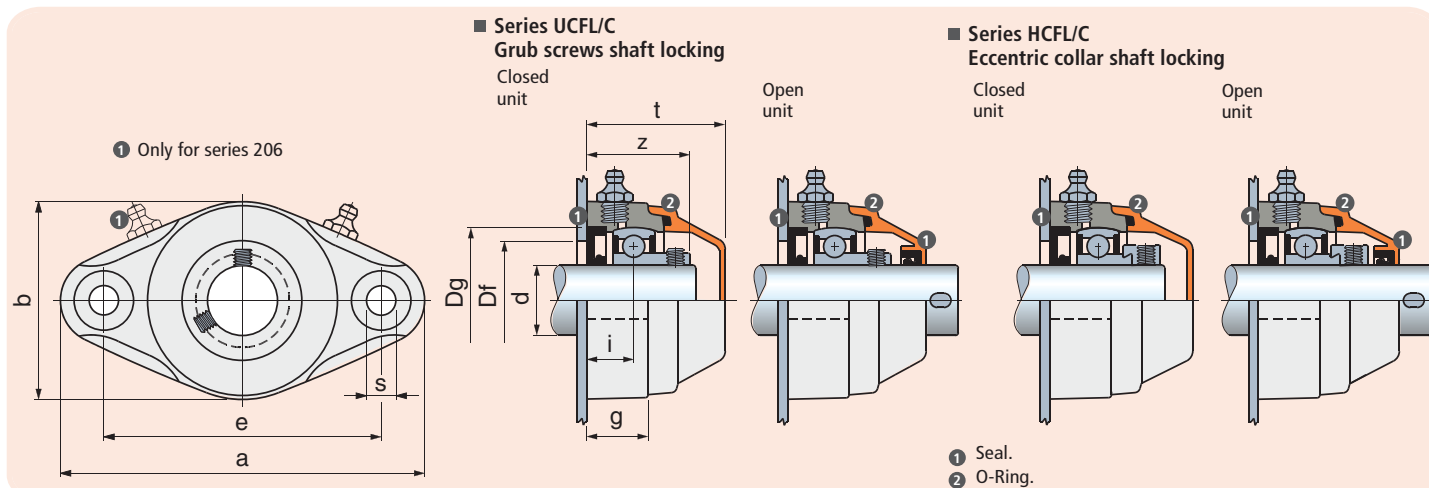
Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

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.



Housing material

		Housing material			Dimensions in mm										Bore in frame ²⁾ Df		Weight Kg	Spare parts			
dia. d mm	Series	Polyamide PA FV Standard Flange (black) Cover (orange)	Polyamide PA FV with Microban® Solid Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Solid Flange (white) Cover (red)	e	a	b	s	g	i	z	t	Dg	max.	min.	Bearing		Cover orange	Cover red with Microban®		
		Code																		Code	
Grub screws shaft locking • Closed unit																					
17*	SUCFL 203 C	603763	603783	603803	90	116	62	11	20	15,2	31,1	46	40	38	33	YAT 203	0,22	681942	681982		
20	UCFL 204 C	69016	650972	679652	90	116	62	11	20	15,2	33,5	46	47	45	40	YAT 204	0,25	681942	681982		
25	UCFL 205 C	68523	650982	679662	99	130	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681952	681992		
25*	SUCFL 205 C	687562 ³⁾	687642	687722	90	130	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681952	681992		
30	UCFL 206 C	68399	650992	679672	117	148	85	11	26	20	41	55	62	60	50	YAT 206	0,42	63154	653322		
30*	SUCFL 206 C	687572 ³⁾	687652	687732	99	148	85	11	26	20	41	55	62	60	50	YAT 206	0,42	63154	653322		
35	UCFL 207 C	648131	651002	679682	130	162	93	11	26	19,5	45	59	72	70	55	YAT 207	0,65	682022	682042		
35*	SUCFL 207 C	697702 ³⁾	697782	697862	117	148	112	11	26	19,5	43	62	72	70	55	YAT 207	0,70	63539	653342		
40	UCFL 208 C	672411	651012	679692	144	176	102	11	30	22	47,3	65,5	80	78	65	YAT 208	0,90	63539	653342		
40*	SUCFL 208 C	697712 ³⁾	697792	697872	117	148	112	11	26	19	45	62	80	78	65	YAT 208	0,74	63539	653342		
Grub screws shaft locking • Open unit																					
17*	SUCFL 203 C	603813	603833	603853	90	116	62	11	20	15,2	31,1	46	40	38	33	YAT 203	0,22	696162	696172		
20	UCFL 204 C	69026	651072	679702	90	116	62	11	20	15,2	33,5	46	47	45	40	YAT 204	0,25	681962	682002		
25	UCFL 205 C	68533	651082	679712	99	130	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681972	682012		
25*	SUCFL 205 C	687582 ³⁾	687662	687742	90	130	71	11	22,5	16,8	36,3	49,5	52	50	45	YAT 205	0,33	681972	682012		
30	UCFL 206 C	68409	651092	679722	117	148	85	11	26	20	41	55	62	60	50	YAT 206	0,42	69965	653442		
30*	SUCFL 206 C	687592 ³⁾	687672	687752	99	148	85	11	26	20	41	55	62	60	50	YAT 206	0,42	69965	653442		
35	UCFL 207 C	648141	651102	679732	130	162	93	11	26	19,5	45	59	72	70	55	YAT 207	0,65	682032	682052		
35*	SUCFL 207 C	697722 ³⁾	697802	697882	117	148	112	11	26	19,5	43	62	72	70	55	YAT 207	0,70	615692	669202		
40	UCFL 208 C	672421	651112	679742	144	176	102	11	30	22	47,3	65,5	80	78	65	YAT 208	0,90	63549	653462		
40*	SUCFL 208 C	697732 ³⁾	697812	697892	117	148	112	11	26	19	45	62	80	78	65	YAT 208	0,74	63549	653462		
Eccentric collar shaft locking • Closed unit																					
17*	SHCFL 203 C	603863	603883	603903	90	116	62	11	20	15,2	37,3	49	40	38	33	YET 203	0,27	681942	681982		
20	HCFL 204 C	679052	679352	679752	90	116	62	11	20	15,2	38,7	49	47	45	40	YET 204	0,30	681942	681982		
25	HCFL 205 C	679062	679362	679762	99	130	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681952	681992		
25*	SHCFL 205 C	687602 ³⁾	687682	687762	90	130	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681952	681992		
30	HCFL 206 C	679072	679372	679772	117	148	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	63154	653322		
30*	SHCFL 206 C	687612 ³⁾	687692	687772	99	148	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	63154	653322		
35	HCFL 207 C	679082	679382	679782	130	162	93	11	26	19,5	48,9	59	72	70	55	YET 207	0,83	682022	682042		
35*	SHCFL 207 C	697742 ³⁾	697822	697902	117	148	112	11	26	19,5	48,4	62	72	70	55	YET 207	0,88	63539	653342		
40	HCFL 208 C	679092	679392	679792	144	176	102	11	30	22	54,7	71	80	78	65	YET 208	1,09	600882	653352		
40*	SHCFL 208 C	697752 ³⁾	697832	697912	117	148	112	11	26	19	51,7	68	80	78	65	YET 208	0,93	600882	653352		
Eccentric collar shaft locking • Open unit																					
17*	SHCFL 203 C	603913	603933	603953	90	116	62	11	20	15,2	37,3	49	40	38	33	YET 203	0,27	696162	696172		
20	HCFL 204 C	679102	679402	679802	90	116	62	11	20	15,2	38,7	49	47	45	40	YET 204	0,30	681962	682002		
25	HCFL 205 C	679112	679412	679812	99	130	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681972	682012		
25*	SHCFL 205 C	687622 ³⁾	687702	687782	90	130	71	11	22,5	16,8	40,3	49,5	52	50	45	YET 205	0,37	681972	682012		
30	HCFL 206 C	679122	679422	679822	117	148	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	69965	653442		
30*	SHCFL 206 C	687632 ³⁾	687712	687792	99	148	85	11	26	20	46,7	55	62	60	50	YET 206	0,49	69965	653442		
35	HCFL 207 C	679132	679432	679832	130	162	93	11	26	19,5	48,9	59	72	70	55	YET 207	0,83	682032	682052		
35*	SHCFL 207 C	697762 ³⁾	697842	697922	117	148	112	11	26	19,5	48,4	62	72	70	55	YET 207	0,88	615692	669202		
40	HCFL 208 C	679142	679442	679842	144	176	102	11	30	23	54,7	54,7	80	78	65	YET 208	1,09	600892	653472		
40*	SHCFL 208 C	697772 ³⁾	697852	697932	117	148	112	11	26	19	51,7	68	80	78	65	YET 208	0,93	600892	653472		

* = Version with special fixing holes

SUCFL206C/SHCFL206C: Assembly with cylindrical head screws

2) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

3) = Solid flange

Packaging : 6 pieces.

INDICATIVE GUIDE LINES

FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer
service for delivery timesOn request for appropriate
suitable quantities

Oval flange bearing units UCFL/CL-HCFL/CL

LIFE
LUBRICATED



Dry use recommended



- **Life lubricated** The ball-bearings are pre-lubricated with a special grease keeping the bearing for its whole life. No need for re-lubrication (see page B58 to calculate the grease life)
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing.** High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing.** Proof to highly aggressive chemical agents. Inferior loading ability.
- **Solid flange bearings.** They differ from standard flange versions for their closed surface structure, ideal for sanification.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient		Max. axial load N				
	dyn. 1)	stat. Co N		PA FV N	PP FV N	PA FV N	PP FV N
17	9500	4750	1900	9775	6325	9775	6900
20	12700	6550	2540	9775	6325	9775	6900
25	14000	7800	2800	10925	7475	11500	7475
25*	14000	7800	2800	10925	7475	11500	7475
30	19500	11200	3900	14950	9200	14375	11500
30*	19500	11200	3900	14950	9200	14375	11500
35	25500	15300	5100	14950	9200	13225	10925
35*	25500	15300	5100	—	—	—	—
40	30700	19000	6140	14950	9775	14950	10925

* = Version with special fixing holes

1) = Values are valid for applications with $\leq h 6$ shaft tolerance. Time 0,77 values must be considered in all other cases.

Continuous operating temperature

in air : - 20 to + 60°C.

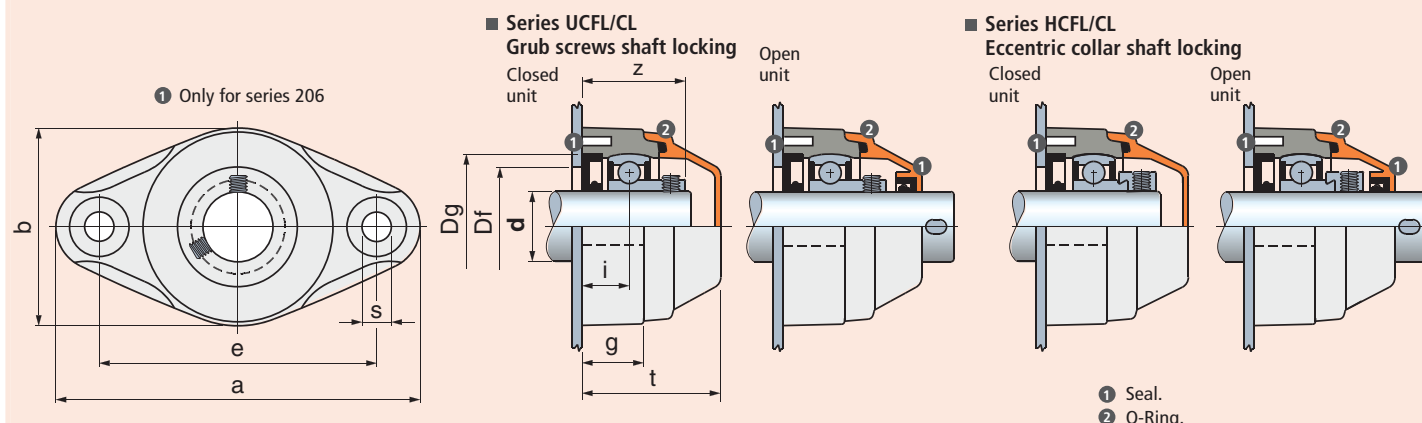
Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease

UCFL/CL-HCFL/CL



Housing material																			Spare parts	
dia. d mm	Series	e	a	Polyamide PA FV Standard Flange (black) Cover (orange)	Polyamide PA FV with Microban® Solid Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Solid Flange (white) Cover (red)	Dimensions in mm						Bore in frame ²⁾ Df		Weight		Cover orange	Cover red with Microban®		
				Code	b	s	g	i	z	t	Dg	max.	min.	Bearing	Kg	Code	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 cylindrical head screws

2) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

3) = Solid flange

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

■ On stock

■ Please, contact our customer
service for delivery times

■ On request for appropriate
suitable quantities

Oval flange bearing units

UCFL-HCFL



Accessories



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Bearing in stainless steel AISI 420 • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Bearing in stainless steel AISI 420 • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing

Series YAR 2F (grub screws shaft locking, chrome alloy steel, 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.

- **Grub screws or eccentric collar shaft locking**
- **Version with bearing YAR 2F**
The double ring guarantees maximum protection against dust and non-corrosive substances.
- **Version with stainless steel bearing YAR 2RF**
AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.
- **Version with bearing YAT**
The rubberised ring guarantees maximum protection against dusts.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.
- **Material**
Polyamide PA FV guarantees maximum strength and high-temperature resistance.
Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.



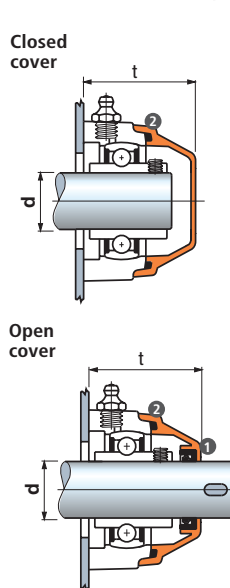
Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT - YET			Bearing load YAR 2RF			Bearing unit max. static load	
	Load coefficient		Max. axial load N	Load coefficient		Max. axial load N	PA FV N	PA FV N
	dyn. ¹⁾ C N	stat. Co N		dyn. ¹⁾ C N	stat. Co N			
17*	9500	4750	1900	8000	4750	1600	9775	9775
20	12700	6550	2540	10800	6550	2160	9775	9775
25	14000	7800	2800	11900	7800	2380	10925	11500
25*	14000	7800	2800	11900	7800	2380	10925	11500
30	19500	11200	3900	16250	11200	3250	14950	14375
30*	19500	11200	3900	16250	11200	3250	14950	14375
35	25500	15300	5100	21600	15300	4320	14950	13225
35*	25500	15300	5100	21600	15300	4320	—	—
40	30700	19000	6140	26000	19000	5200	14950	14950
40*	30700	19000	6140	26000	19000	5200	—	—

* = Version with special fixing holes

1) = Values are valid for applications with ± 0.06 shaft tolerance. Time 0.77 values must be considered in all other cases.

Protection covers (accessories)



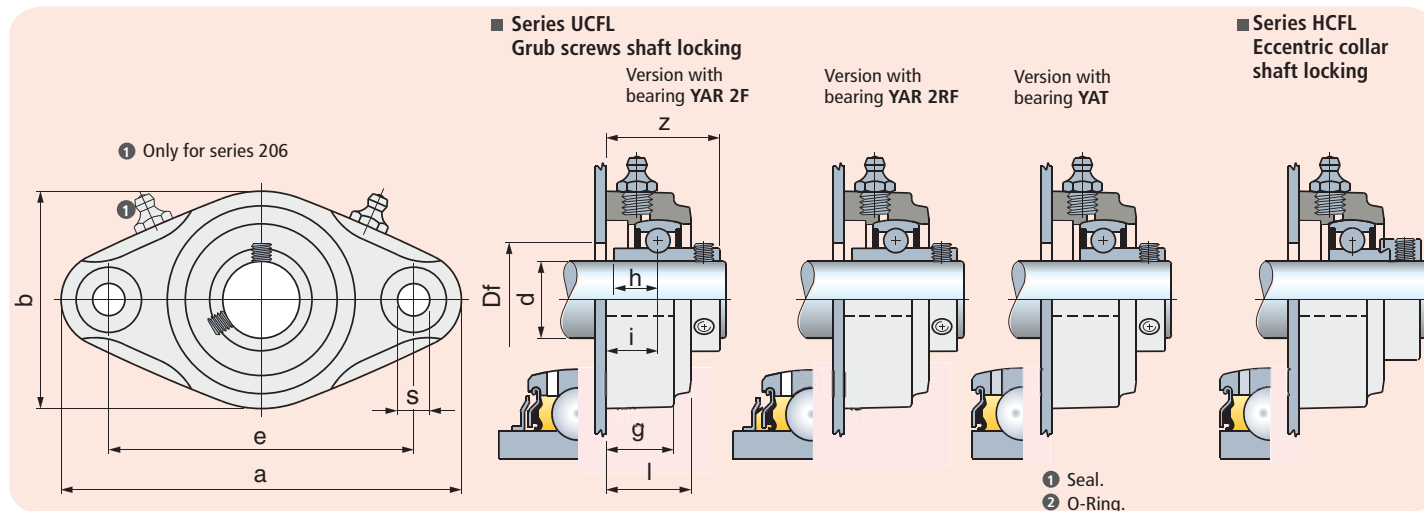
- ① Seals
- ② Seals O-Ring

Accessories					
dia. d mm	Cover orange	Cover red			
	Microban®		t		
	Code		mm	UCFL	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 bearing unit with grub screws shaft locking
2) = Protection cover for bearing unit with eccentric collar shaft locking

UCFL-HCFL



Housing material																
dia. d mm	Series	Polyamide PA FV Standard Flange (black)	Polyamide PA FV with Microban® Solid Flange (grey)	Polypropylene PP FV with Microban® Solid Flange (white)	Dimensions in mm									Bore in frame Df mm	Bearing	Weight Kg
		Code			e	a	b	s	g	i	h	l	z			
Grub screws shaft locking • Version with bearing YAR 2F																
17*	SUCFL 203	640982	—	—	90	116	62	11	20	15,2	11,5	25,5	31,1	21	YAR 203 2F	0,23
20	UCFL 204	69056	—	—	90	116	62	11	20	15,2	12,7	25	33,5	24	YAR 204 2F	0,25
25	UCFL 205	68563	—	—	99	130	71	11	22,5	16,8	14,3	27,5	36,5	29	YAR 205 2F	0,31
25*	SUCFL 205	687922 ²⁾	—	—	90	130	71	11	22,5	16,8	14,3	27,5	36,5	29	YAR 205 2F	0,31
30	UCFL 206	68439	—	—	117	148	85	11	26	19	15,9	31,5	41,2	34	YAR 206 2F	0,44
30*	SUCFL 206	687932 ²⁾	—	—	99	148	85	11	26	19	15,9	31,5	41,2	34	YAR 206 2F	0,44
35	UCFL 207	648171	—	—	130	162	93	11	26	19,5	17,5	32	45	39	YAR 207 2F	0,67
35*	SUCFL 207	602303 ²⁾	—	—	117	148	112	11	26	19,5	17,5	33	43	39	YAR 207 2F	0,68
40	UCFL 208	672451	—	—	144	176	102	11	30	22	19	36	52	44	YAR 208 2F	0,90
40*	SUCFL 208	602313 ²⁾	—	—	117	148	112	11	26	19	19	33	45	44	YAR 208 2F	0,72
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																
20	UCFL 204	646542	680252	680302	90	116	62	11	20	15,2	12,7	25	33,5	24	YAR 204 2RF	0,25
25	UCFL 205	646552	680262	680312	99	130	71	11	22,5	16,8	14,3	27,5	36,5	29	YAR 205 2RF	0,31
25*	SUCFL 205	687942 ²⁾	687962	687982	90	130	71	11	22,5	16,8	14,3	27,5	36,5	29	YAR 205 2RF	0,31
30	UCFL 206	646562	680272	680322	117	148	85	11	26	19	15,9	31,5	41,2	34	YAR 206 2RF	0,44
30*	SUCFL 206	687952 ²⁾	687972	687992	99	148	85	11	26	19	15,9	31,5	41,2	34	YAR 206 2RF	0,44
35	UCFL 207	646572	680282	680332	130	162	93	11	26	19,5	17,5	32	45	39	YAR 207 2RF	0,67
35*	SUCFL 207	602323 ²⁾	697942	697962	117	148	112	11	26	19,5	17,5	33	43	39	YAR 207 2RF	0,68
40	UCFL 208	646582	680292	680342	144	176	102	11	30	22	19	36	52	44	YAR 208 2RF	0,90
40*	SUCFL 208	602333 ²⁾	697952	697972	117	148	112	11	26	19	19	33	45	44	YAR 208 2RF	0,72
Grub screws shaft locking • Version with bearing YAT																
17*	SUCFL 203	603963	603983	604003	90	116	62	11	20	15,2	—	25,5	31,1	21	YAT 203	0,21
20	UCFL 204	655482	666562	680152	90	116	62	11	20	15,2	—	25	33,5	24	YAT 204	0,23
25	UCFL 205	655472	666572	680162	99	130	71	11	22,5	16,8	—	27,5	36,3	29	YAT 205	0,31
25*	SUCFL 205	687802 ²⁾	687842	687882	90	130	71	11	22,5	16,8	—	27,5	36,3	29	YAT 205	0,31
30	UCFL 206	666412	666582	680172	117	148	85	11	26	20	—	31,5	41	34	YAT 206	0,39
30*	SUCFL 206	687812 ²⁾	687852	687892	99	148	85	11	26	20	—	31,5	41	34	YAT 206	0,39
35	UCFL 207	666422	666592	680182	130	162	93	11	26	19,5	—	32	45	39	YAT 207	0,62
35*	SUCFL 207	602183 ²⁾	602223	602263	117	148	112	11	26	19,5	—	33	43	39	YAT 207	0,86
40	UCFL 208	666432	666602	680192	144	176	102	11	30	22	—	36	52	44	YAT 208	0,86
40*	SUCFL 208	602193 ²⁾	602233	602273	117	148	112	11	26	19	—	33	45	44	YAT 208	0,91
Eccentric collar shaft locking																
17*	SHCFL 203	604013	604033	604053	90	116	62	11	20	15,2	—	25,5	37,3	21	YET 203	0,26
20	HCFL 204	679852	680002	680202	90	116	62	11	20	15,2	—	25	38,7	24	YET 204	0,28
25	HCFL 205	679862	680012	680212	99	130	71	11	22,5	16,8	—	27,5	40,3	29	YET 205	0,35
25*	SHCFL 205	687822 ²⁾	687862	687902	90	130	71	11	22,5	16,8	—	27,5	40,3	29	YET 205	0,35
30	HCFL 206	679872	680022	680222	117	148	85	11	26	20	—	31,5	46,7	34	YET 206	0,46
30*	SHCFL 206	687832 ²⁾	687872	687912	99	148	85	11	26	20	—	31,5	46,7	34	YET 206	0,46
35	HCFL 207	679882	680032	680232	130	162	93	11	26	19,5	—	32	48,9	39	YET 207	0,79
35*	SHCFL 207	602203 ²⁾	602243	602283	117	148	112	11	26	19,5	—	33	49	48,4	YET 207	0,86
40	HCFL 208	679892	680042	680242	144	176	102	11	30	22	—	36	55,7	44	YET 208	1,05
40*	SHCFL 208	602213 ²⁾	602253	602293	117	148	112	11	26	19	—	33	54	51,7	YET 208	0,91

* = Version with special fixing holes

SUCFL/SHCFL: Assembly with cylindrical head screws

2) = Solid flange

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer
service for delivery times

On request for appropriate
suitable quantities

Oval flange bearing units

UCFLS/C-HCFLS/C



PATENT PENDING

- Austenitic stainless steel surface
 - Waterproof housing
 - Grub screws or eccentric collar shaft locking
 - Solid flange
- Patent pending design with perfect seal: rubber makes one-body with steel and engineering plastic bearing seat.

Material

Housing in reinforced polyamide PAFV resin (black) • Austenitic stainless steel AISI 316 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.

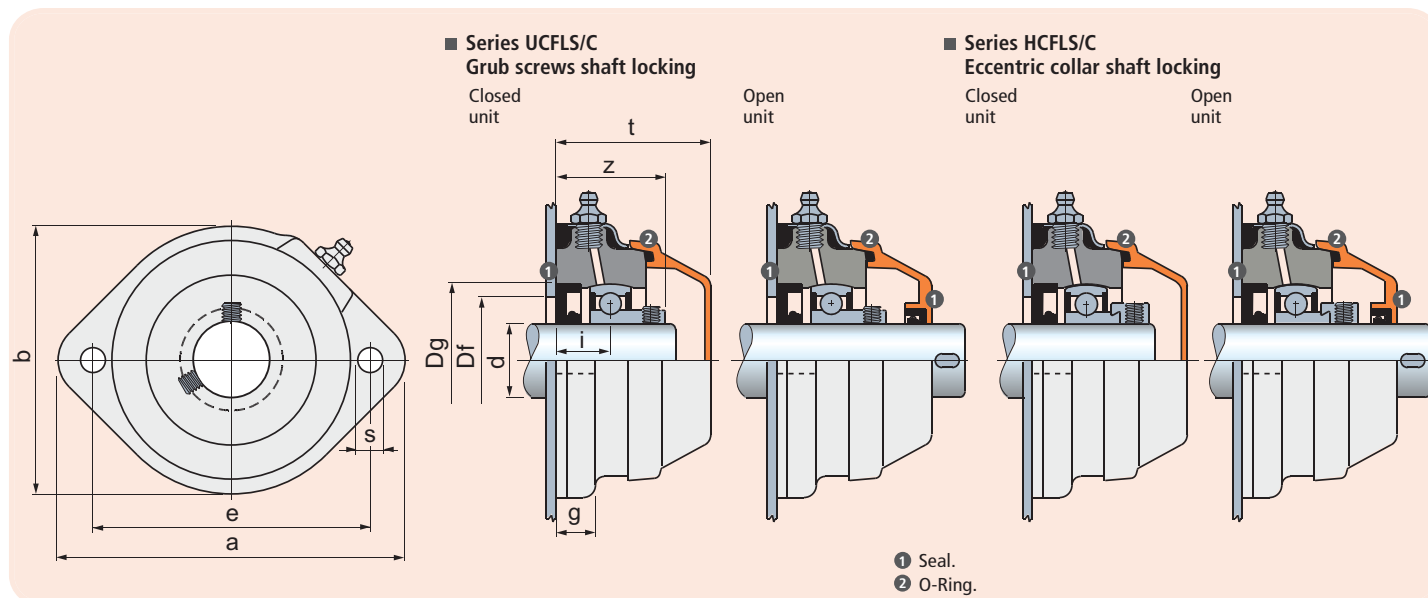
The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load	
	Load coefficient dyn.1) C N	stat. Co N	Max. axial load N	 PA FV N	 PA FV N
30	19500	11200	3900	14950	14375
35*	25500	15300	5100	14950	13225
40*	30700	19000	6140	14950	14950

* = Version with special fixing holes

1) = Values are valid for applications with $\leq h 6$ shaft tolerance. Time 0.77 values must be considered in all other cases.



		Housing material												Bore in frame ¹⁾				Spare parts	
		Polyamide PA FV with austenitic stainless steel surface												Df				Cover orange	
dia. d mm	Series	Code	e	a	b	s	g	i	z	t	Dg	max.	min.	Bearing	Weight Kg	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)

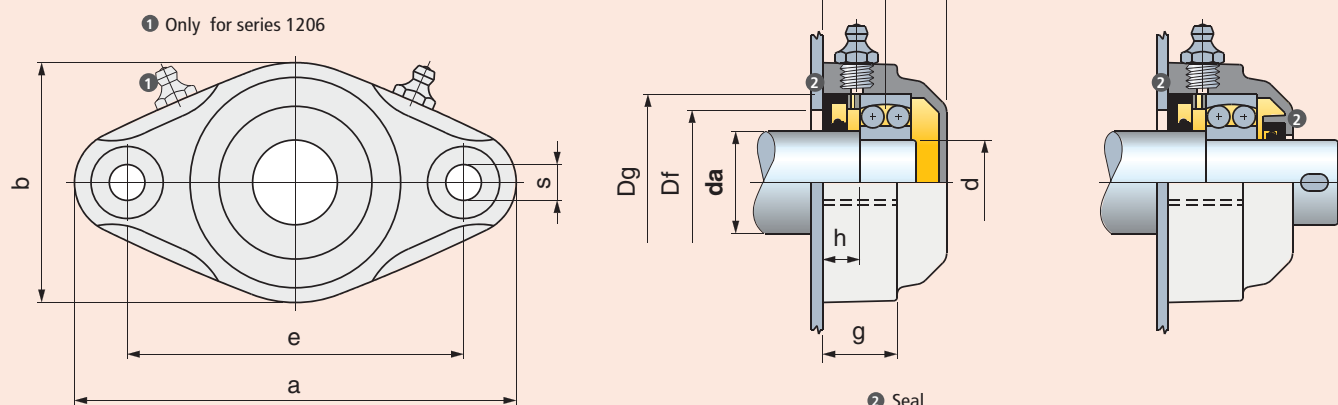


Code : 67843.

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		Bearing unit max. static load					
		Load coefficient		←		←		→	
		dyn. C N	stat. Co N	PA N	FV N	PA N	FV N	PA N	FV N
25	20	12700	3400	9200	6900	11500	8625	12650	5750
30	25	14300	4000	11500	6900	12650	9200	13800	5750
35	30	15600	4650	11500	9200	12650	9200	9200	4600
40	35	19000	6000	12650	9200	12650	9200	13800	6900
45	40	19900	6950	12650	9200	13800	9775	17250	12650



Shaft dia. da mm	Bearing dia. d mm	Series	Housing material		Dimensions in mm										Bore in frame ¹⁾ Df		Bearing	Weight Kg
			Polyamide PA FV Standard Flange (black)	Polypropylene PP FV ¹⁾ Standard Flange (black)														
			Code		e	a	b	s	g	i	h	t	Dg	max.	min.			
			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.

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 • Superagrisal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)



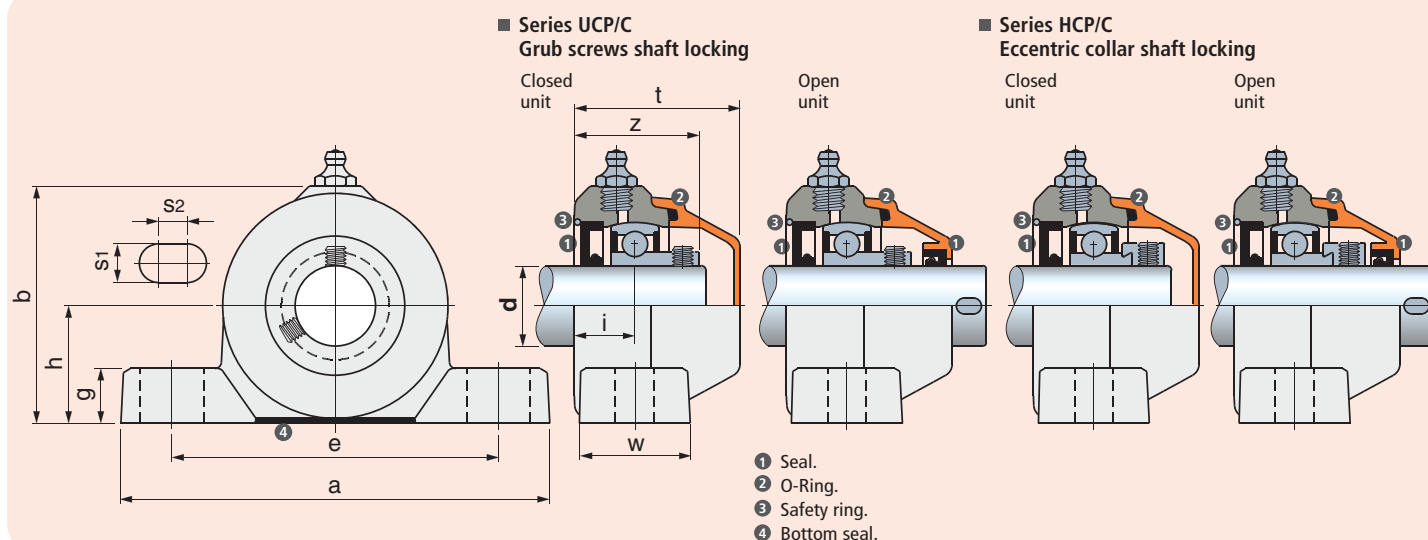
Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft. Material nickel plated brass. Dimension : 1/8 Gas.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load					
	Load coefficient			PA FV		PP FV		PA FV	
	dyn ¹⁾ C N	stat. Co N	Max. 1) axial load N	N	N	N	N	N	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.



		Housing material																Spare parts			
dia. d mm	Series	Polyamide PA FV Flange (black) Cover (orange)	Polyamide PA FV with Microban® Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Flange (white) Cover (red)	Dimensions in mm														Weight Kg	Cover orange	Cover red Microban®
		Code			e	a	h	b	s1	s2	g	w	i	z	t	Bearing	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 timesOn request for appropriate
suitable quantities

■ Spare parts

Safety
ring

Seal



		Housing metal		
dia. d mm		Polyamide PA FV Flange (black) Cover (orange)	Polyamide PA FV with Microban® Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Flange (white) Cover (red)
Code				
Safety ring				
20	600982	600982	600982	600982
25	646281	646281	646281	646281
30	646291	646291	646291	646291
35	646301	646301	646301	646301
40	601052	601052	601052	601052
Seal				
20	692391	692391	692391	692391
25	646251	646251	646251	646251
30	646261	646261	646261	646261
35	646271	646271	646271	646271
40	692401	692401	692401	692401

Pillow block type bearing units

UCP-HCP



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.

- Grub screws or eccentric collar shaft locking
- Version with bearing YAR 2F
The double ring guarantees maximum protection against dust and non-corrosive substances.
- Version with stainless steel bearing YAR 2RF
AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.
- Version with bearing YAT
The rubberised ring guarantees maximum protection against dusts.
- Supports with Microban® antibacterial protection
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.
- Material
Polyamide PA FV guarantees maximum strength and high-temperature resistance.
Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.

Bearing unit max. static load

Shaft dia. d mm	YAR 2F - YAT - YET		YAR 2RF		YAT	
	PA FV N	PP FV N	PA FV N	PP FV N	PA FV N	PP FV N
20	4600	2070	20700	5750	5750	3450
25	6900	2070	20700	5750	6900	3450
30	8050	2300	28750	8050	9200	4600
35	9200	2530	31050	8625	11500	4830
40	9200	2530	31050	8625	11500	4830

Bearing load

Shaft dia. d mm	YAR 2F - YAT - YET			YAR 2RF		
	Load coefficient		Max. 1) axial load N	Load coefficient		Max. 1) axial load N
	dyn.1) C N	stat. Co N		dyn.1) C N	stat. Co N	
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 coveZuurs (accessories)

Accessories

Closed cover

Open cover

	Cover orange	Cover red	Microban®	
dia. d mm	Code		t mm	UCP HCP

Closed cover supplied with seals

20	681942	681982	49,7	52
25	681952	681992	51,5	51,5
30	63154	653322	55	55
35	682022	682042	61	61
40 1)	63539	653342	66,5	—
40 2)	600882	653352	—	72

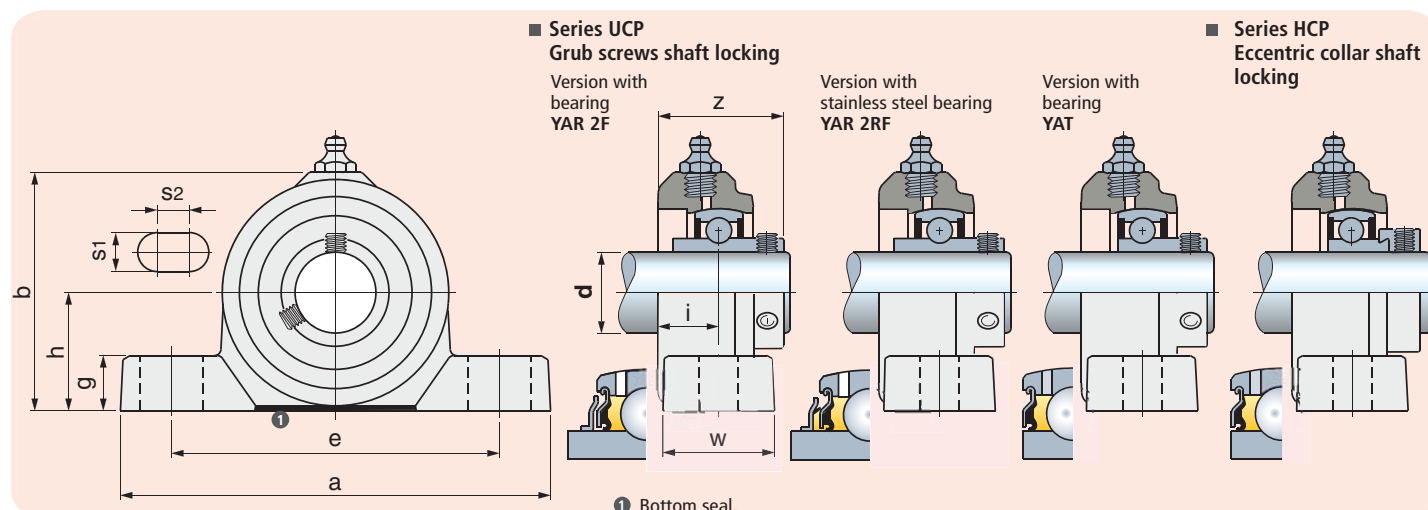
Open cover supplied with seals

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) Seals

2) Seals O-Ring

1) = Protection cover for bearing unit with grub screws shaft locking
2) = Protection cover for bearing unit with eccentric collar shaft locking



dia. d mm	Series	Housing material			Dimensions in mm											Bearing	Weight Kg
		Polyamide PA FV Flange (black)	Polyamide PA FV with Microban® Flange (grey)	Polypropylene PP FV with Microban® Flange (white)	e	a	h	b	s1	s2	g	w	i	z			
		Code															
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

■ Spare parts		Housing material		
Seal	dia. d mm	Polyamide PA FV Flange (black)	Polyamide PA FV with Microban® Flange (grey)	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



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Nickel plated brass threaded bushings.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Nickel plated brass threaded bushings.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Nickel plated brass threaded bushings.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

Loads

shaft dia. d mm								
	PA FV N	PP FV N	PA FV N	PP FV N	PA FV N	PP FV N	PA FV N	PP FV N
17	2500	1500	8000	3750	1500	1100	1250	1000
20	2500	1700	6750	4300	2300	1200	1100	750
25	3000	1700	10500	5200	2600	1750	1100	900

Bearing load

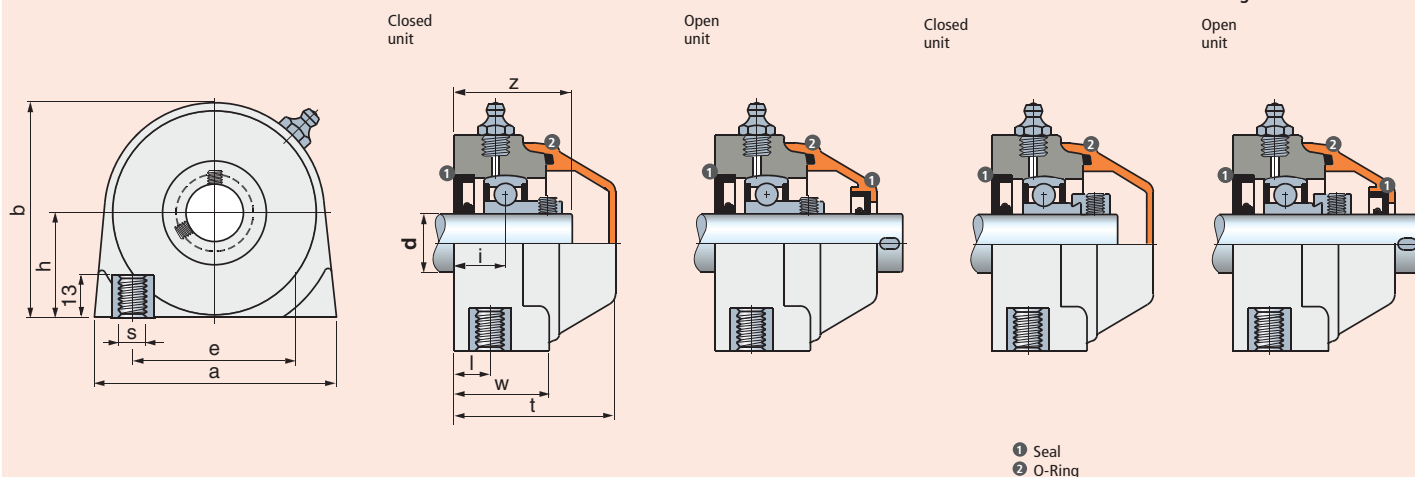
shaft dia. d mm	Load coefficient		Max ¹⁾ axial load N
	dyn. ¹⁾ C N	stat. Co N	
17	9500	4750	1900
20	12700	6550	2540
25	14000	7800	2800

¹⁾ = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

UCPA/C-HCPA/C

■ Series UCPA/C - Grub screws shaft locking

■ Series HCPA/C - Eccentric collar shaft locking



dia. d mm	Series	Housing material															Weight Kg	Spare parts			
		Polyamide PA FV Flange (black) Cover (orange)	Polyamide PA FV with Microban® Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Flange (white) Cover (red)														Cover orange	Cover red Microban®		
		Code			Code																
		Grub screws shaft locking • Closed unit																			
17	UCPA 203 C	696182	696302	696542	47	70	30,2	62	M8	28	15,2	10	31,1	49	YAT 203	0,22	681942	681982			
20	UCPA 204 C	696192	696312	696552	50,8	70	33,2	65	M8	28	15,2	10	33,5	49	YAT 204	0,25	681942	681982			
25	UCPA 205 C	696202	696322	696562	50,8	75	36,5	72	M10	30	16,8	12	36,3	52	YAT 205	0,29	681952	681992			
Grub screws shaft locking • Open unit																					
17	UCPA 203 C	696212	696332	696572	47	70	30,2	62	M8	28	15,2	10	31,1	49	YAT 203	0,22	696162	696172			
20	UCPA 204 C	696222	696342	696582	50,8	70	33,2	65	M8	28	15,2	10	33,5	49	YAT 204	0,25	681962	682002			
25	UCPA 205 C	696232	696352	696592	50,8	75	36,5	72	M10	30	16,8	12	36,3	52	YAT 205	0,29	681972	682012			
Eccentric collar shaft locking • Closed unit																					
17	HCPA 203 C	696242	696362	696602	47	70	30,2	62	M8	28	15,2	10	37,3	49	YET 203	0,24	681942	681982			
20	HCPA 204 C	696252	696372	696612	50,8	70	33,2	65	M8	28	15,2	10	38,7	49	YET 204	0,27	681942	681982			
25	HCPA 205 C	696262	696382	696622	50,8	75	36,5	72	M10	30	16,8	12	40,3	52	YET 205	0,34	681952	681992			
Eccentric collar shaft locking • Open unit																					
17	HCPA 203 C	696272	696392	696632	47	70	30,2	62	M8	28	15,2	10	37,3	49	YET 203	0,24	696162	696172			
20	HCPA 204 C	696282	696402	696642	50,8	70	33,2	65	M8	28	15,2	10	38,7	49	YET 204	0,27	681962	682002			
25	HCPA 204 C	696292	696412	696652	50,8	75	36,5	72	M10	30	16,8	12	40,3	52	YET 205	0,34	681972	682012			

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer
service for delivery timesOn request for appropriate
suitable quantities

Compact pillow block UCPA-HCPA



Material

PA FV Polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Nickel plated brass threaded bushings.

PA FV Polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Ball type nickel plated brass greasing nipple • Nickel plated brass threaded bushings.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Ball type stainless steel AISI 316 greasing nipple • Nickel plated brass threaded bushings.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing

Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Series YET (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit)
• Prelubricated with lithium/ calcium grease • Can be relubricated

Version with bearing YAR 2F

The double ring guarantees maximum protection against dust and non-corrosive substances.

Version with stainless steel bearing YAR 2RF

AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.

Version with bearing YAT

The rubberised ring guarantees maximum protection against dusts.

Supports with Microban® antibacterial protection

Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

Material

Polyamide PA FV guarantees maximum strength and high-temperature resistance.

Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.

Bearing unit max. static load

shaft dia. d mm	PA FV N	PP FV N	PA FV N	PP FV N	PA FV N	PP FV N	PA FV N	PP FV N
17	2500	1500	8000	3750	1500	1100	1250	1000
20	2500	1700	6750	4300	2300	1200	1100	750
25	3000	1700	10500	5200	2600	1750	1100	900

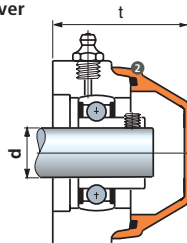
Bearing load

dia. albero d mm	YAR 2F - YAT - YET			YAR 2RF		
	Load coefficient		Max. 1) axial load N	Load coefficient		Max. 1) axial load N
	dyn.1) C N	stat. Co N		dyn.1) C N	stat. Co N	
17	9500	4750	1900	8000	4750	1600
20	12700	6550	2540	10800	6550	2160
25	14000	7800	2800	11900	7800	2380

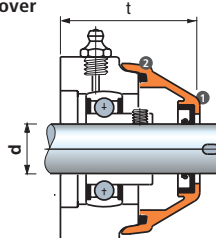
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Protection covers (accessories)

Closed
cover



Open
cover

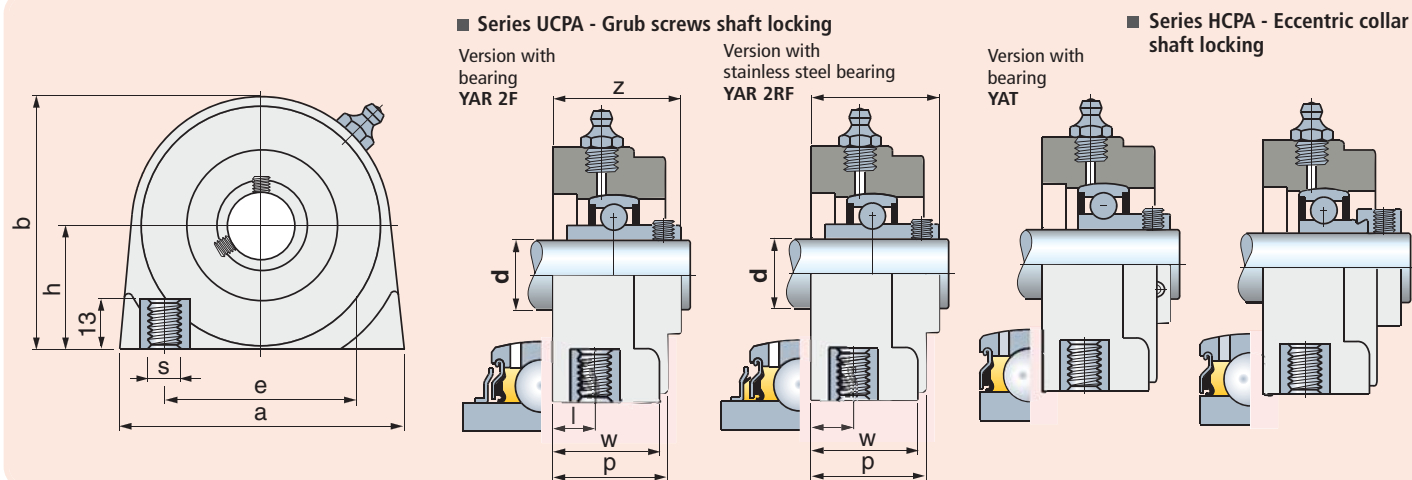


- ① Seal
- ② O-Ring

Accessories

dia. d mm	Cover orange	Cover red	t mm
	Microban®		
	Code		
Closed cover supplied with seals			
17	681942	681982	49
20	681942	681982	49
25	681952	681992	52
Open cover supplied with seals			
17	696162	696172	49
20	681962	682002	49
25	681972	682012	52

UCPA-HCPA



dia. d mm	Series	Housing material			Dimensions in mm											Bearing	Weight Kg
		Polyamide PA FV Flange (black)	Polyamide PA FV with Microban® Flange (grey)	Polypropylene PP FV with Microban® Flange (white)	e	a	h	b	s	w	i	l	z	P			
		Code															
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



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.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagriseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated

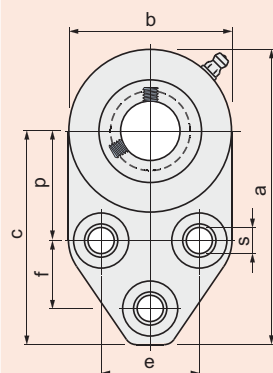
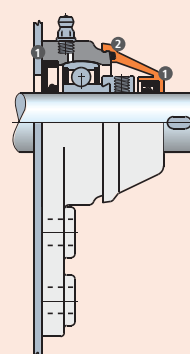
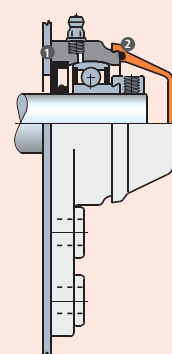
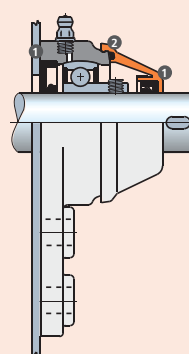
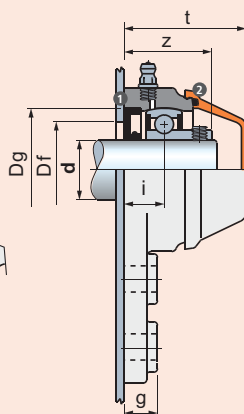
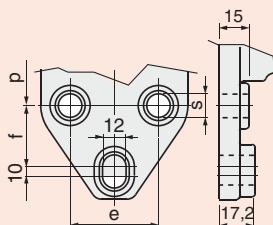
- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.
- **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.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient		Max. 1) axial load N				
	dyn.1) C N	stat. Co N		PA FV N	PP FV N	PA FV N	PP FV N
20	12700	6550	2540	3000	1700	1000	650
25	14000	7800	2800	3500	2000	1000	650
30	19500	11200	3900	3500	2000	1000	650
35	25500	15300	5100	4000	2500	1000	650
40	30700	19000	6140	5200	3000	1000	650

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

UCFB/C HCFB/C

■ Series UCFB/C
Grub screws shaft lockingClosed
unitOpen
unit■ Series HCFB/C
Eccentric collar shaft lockingClosed
unitOpen
unitOnly for version
dia Ø= 40mm

- 1 Seal.
2 O-Ring.

Housing material

Polyamide PA FV Solid Flange (black) Cover (orange)	Polyamide PA FV with Microban® Solid Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Solid Flange (white) Cover (red)
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Spare parts

Cover orange	Cover Red Microban®
Code	Code

dia. d mm	Series	(orange)	(red)	(red)	Dimensions in mm										frame ²⁾ Df			Weight Kg	orange	Red Microban®
		Code	a	b	c	p	e	f	s	g	i	z	t	Dg max	min.	Bearing	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 timesOn request for appropriate
suitable quantities

Side flange bearing units

UCFB-HCFB



Accessories



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes in stainless steel AISI 304.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Bearing in stainless steel AISI 420 • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes in stainless steel AISI 304.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Bearing in stainless steel AISI 420 • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°

Bearing

Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Series YET (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit) • Prelubricated with lithium/ calcium grease • Can be relubricated

Grub screws or eccentric collar shaft locking

Version with bearing YAR 2F

The double ring guarantees maximum protection against dust and non-corrosive substances.

Version with stainless steel bearing YAR 2RF

AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.

Version with bearing YAT

The rubberised ring guarantees maximum protection against dusts.

Supports with Microban® antibacterial protection

Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

Material

Polyamide PA FV guarantees maximum strength and high-temperature resistance.

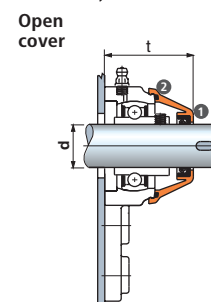
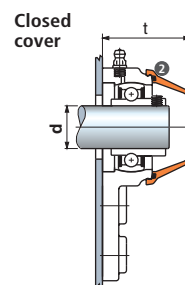
Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.

Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT - YET			Bearing load YAR 2RF			Bearing unit max. static load			
	Load coefficient		Max. axial load ¹⁾ N	Load coefficient		Max. axial load ¹⁾ N	PA FV		PP FV	
	dyn. C ¹⁾ N	stat. Co N		dyn. ¹⁾ C N	stat. Co N		PA FV N	PP FV N	PA FV N	PP FV N
20	12700	6550	2540	10800	6550	2160	3000	1700	1000	650
25	14000	7800	2800	11900	7800	2380	3500	2000	1000	650
30	19500	11200	3900	16250	11200	3250	3500	2000	1000	650
35	25500	15300	5100	21600	15300	4320	4000	2500	1000	650
40	30700	19000	6140	26000	19000	5200	5200	3000	1000	650

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0,77 values must be considered in all other cases.

Protection covers (accessories)

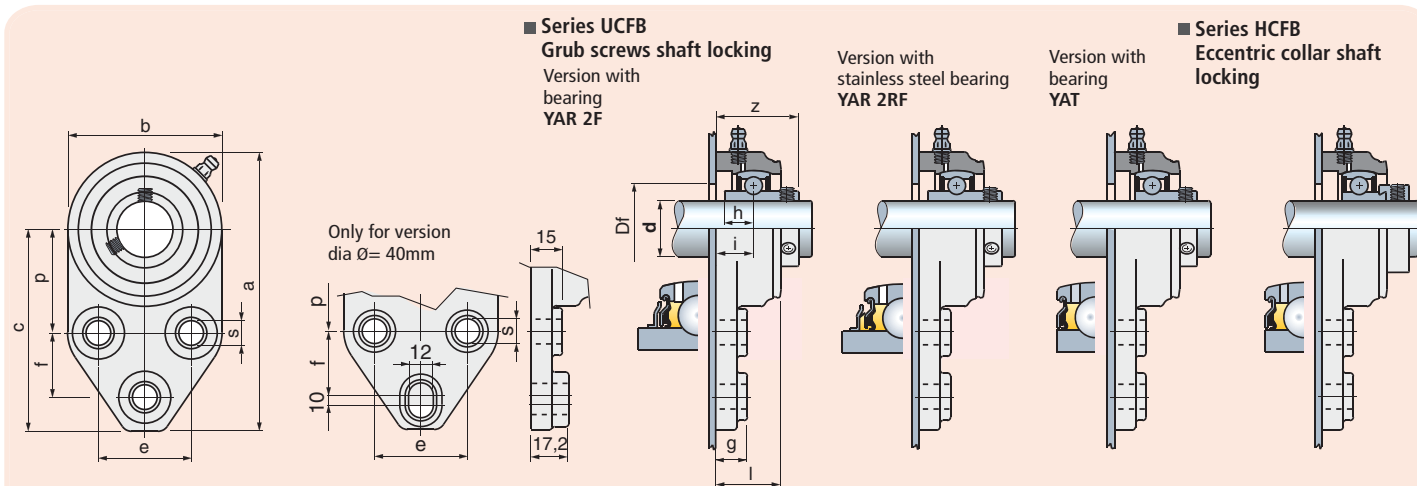


1 Seals
2 Seals O-Ring

Accessories

dia d mm	Cover orange	Abdichtkappe rot Microban®	t mm
	Code	UCFB	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			Dimensions in mm												Bore in frame Df mm	Bearing	Weight Kg
		Polyamide PA FV Solid Flange (black)	Polyamide PA FV with Microban® Solid Flange (grey)	Polypropylene PP FV with Microban® Solid Flange (white)	a	b	c	p	e	f	s	g	i	h	l	z			
		Code																	
Grub screws shaft locking • Version with bearing YAR 2F																			
20	UCFB 204	601613	—	—	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	12,7	28,3	34,7	24	YAR 204 2F	0,26
25	UCFB 205	663912	—	—	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	14,3	29	37,3	29	YAR 205 2F	0,33
30	UCFB 206	663922	—	—	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	15,9	31,5	42,5	34	YAR 206 2F	0,50
35	UCFB 207	663932	—	—	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	17,5	32	45,7	39	YAR 207 2F	0,72
40	UCFB 208	601623	—	—	164	100	114	60	50	31	13	—	22	19	36	47,5	44	YAR 208 2F	0,84
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																			
20	UCFB 204	601633	601653	601673	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	12,7	28,3	34,7	24	YAR 204 2RF	0,26
25	UCFB 205	663942	665952	665982	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	14,3	29	37,3	29	YAR 205 2RF	0,33
30	UCFB 206	663952	665962	665992	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	15,9	31,5	42,5	34	YAR 206 2RF	0,50
35	UCFB 207	663962	665972	666002	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	17,5	32	45,7	39	YAR 207 2RF	0,72
40	UCFB 208	601643	601653	601683	164	100	114	60	50	31	13	—	22	19	36	47,5	44	YAR 208 2RF	0,84
Grub screws shaft locking • Version with bearing YAT																			
20	UCFB 204	601453	601493	601573	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	—	28,3	34,7	24	YAT 204	0,26
25	UCFB 205	663672	663732	663852	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	—	29	37,3	29	YAT 205	0,30
30	UCFB 206	663682	663742	663862	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	—	31,5	42,5	34	YAT 206	0,45
35	UCFB 207	663692	663752	663872	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	—	32	45,7	39	YAT 207	0,62
40	UCFB 208	601463	601503	601583	164	100	114	60	50	31	13	—	22	—	36	47,5	44	YAT 208	0,84
Eccentric collar shaft locking																			
20	HCFB 204	601473	601513	601593	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	—	28,3	40	24	YET 204	0,29
25	HCFB 205	663702	663762	663882	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	—	34	41,3	29	YET 205	0,33
30	HCFB 206	663712	663772	663892	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	—	36,5	46,7	34	YET 206	0,48
35	HCFB 207	663722	663782	663902	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	—	38	49	39	YET 207	0,65
40	HCFB 208	601483	601523	601603	164	100	114	60	50	31	13	—	22	—	36	55	44	YET 208	0,92

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

 Please, contact our customer
service for delivery times

 On request for appropriate
suitable quantities

Take-up bearing units

UCT/C-HCT/C



- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Threaded insert in nickel plated brass.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Threaded insert in nickel plated brass.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Protection cover in polypropylene PP (red) with Microban® • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Threaded insert in nickel plated brass.

Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load
	Load coefficient dyn. 1) C N	stat. Co N	Max. 1) axial load N	
20	12700	6550	2540	16000
25	14000	7800	2800	24000
30	19500	11200	3900	27000

1) = Values are valid for applications with $\leq h 6$ shaft tolerance. Time 0,77 values must be considered in all other cases.

Continuous operating temperature

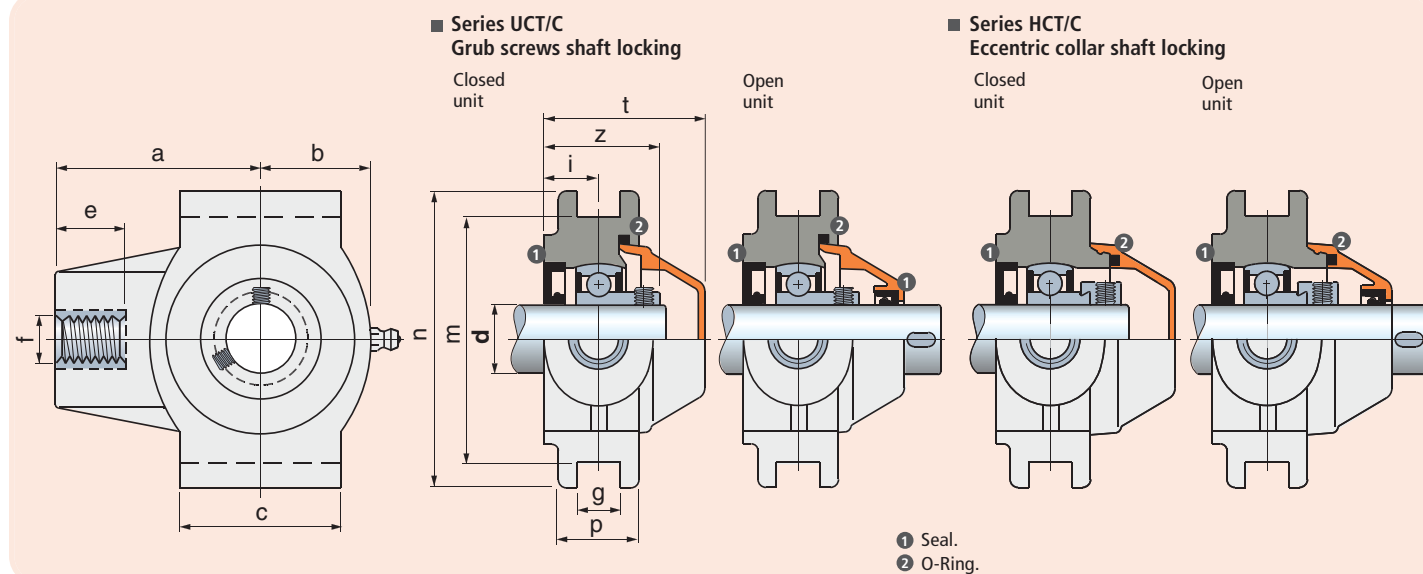
in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



Series YAT (grub screws shaft locking) • Series YET (eccentric collar shaft locking) • Chrome alloy steel • Superagrisseal unit • Prelubricated with lithium/ calcium grease • Can be relubricated



		Housing material																			Spare parts	
dia. d mm	Series	Polyamide PA FV Flange (black) Cover (orange)	Polyamide PA FV with Microban® Flange (grey) Cover (red)	Polypropylene PP FV with Microban® Flange (white) Cover (red)	Dimensions in mm										Weight Kg	Bearing	Cover orange	Cover red with Microban®				
		Code			a	b	c	e	f	g	i	m	n	Code								
		Grub screws shaft locking • Closed unit																				
20	UCT 204 C	666952	667072	677592	63,5	34	50	28	M 16	13,5	17	76,2	92	25	35,5	50	YAT 204	0,33	681862	681902		
25	UCT 205 C	666962	667082	677602	68,5	39,5	50	28	M 20	13,5	17	76,2	92	25	37,5	52	YAT 205	0,39	681872	681912		
30	UCT 206 C	666972	667092	677612	77	48	57	28	M 24	13,5	18,5	89	104	28	39,5	55	YAT 206	0,50	667812	667842		
Grub screws shaft locking • Open unit																						
20	UCT 204 C	666982	667102	677622	63,5	34	50	28	M 16	13,5	17	76,2	92	25	35,5	50	YAT 204	0,33	681882	681922		
25	UCT 205 C	666992	667112	677632	68,5	39,5	50	28	M 20	13,5	17	76,2	92	25	37,5	52	YAT 205	0,39	681892	681932		
30	UCT 206 C	667002	667122	677642	77	48	57	28	M 24	13,5	18,5	89	104	28	39,5	55	YAT 206	0,50	667932	667962		
Eccentric collar shaft locking • Closed unit																						
20	HCT 204 C	667012	667132	677652	63,5	34	50	28	M 16	13,5	17	76,2	92	25	42	57	YET 204	0,36	681942	681982		
25	HCT 205 C	667022	667142	677662	68,5	39,5	50	28	M 20	13,5	17	76,2	92	25	43	58	YET 205	0,42	681952	681992		
30	HCT 206 C	667032	667152	677672	77	48	57	28	M 24	13,5	18,5	89	104	28	47	62	YET 206	0,53	63154	653322		
Eccentric collar shaft locking • Open unit																						
20	HCT 204 C	667042	667162	677682	63,5	34	50	28	M 16	13,5	17	76,2	92	25	42	57	YET 204	0,36	681962	682002		
25	HCT 205 C	667052	667172	677692	68,5	39,5	50	28	M 20	13,5	17	76,2	92	25	43	58	YET 205	0,42	681972	682012		
30	HCT 206 C	667062	667182	677702	77	48	57	28	M 24	13,5	18,5	89	104	28	47	62	YET 206	0,53	69965	653442		

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer
service for delivery times

On request for appropriate
suitable quantities

Take-up bearing units

UCT-HCT



Accessories



Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Threaded insert in nickel plated brass.

PAFV polyamide housing with Microban®

Housing in reinforced polyamide PAFV resin (grey) with Microban® • Bearing in stainless steel AISI 420 • Ball type nickel plated brass greasing nipple • Threaded insert in nickel plated brass.

PPFV polypropylene housing with Microban®

Housing in reinforced polypropylene PPFV resin (white) with Microban® • Bearing in stainless steel AISI 420 • Ball type stainless steel AISI 316 greasing nipple • Threaded insert in nickel plated brass.

Continuous operating temperature

in air : - 20 to + 60°C.

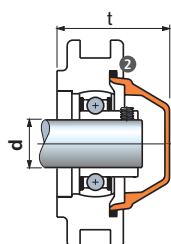
Maximum allowed misalignment: 2°.

Bearing

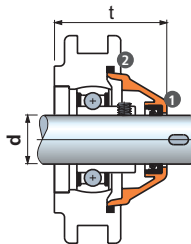
Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Series YET (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit) • Prelubricated with lithium/ calcium grease • Can be relubricated

Protection cover (accessories)

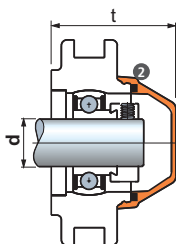
Series UCT
Closed cover



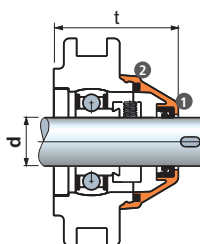
Series UCT
Open cover



Series HCT
Closed cover



Series HCT
Open cover



1 Seal
2 O-Ring

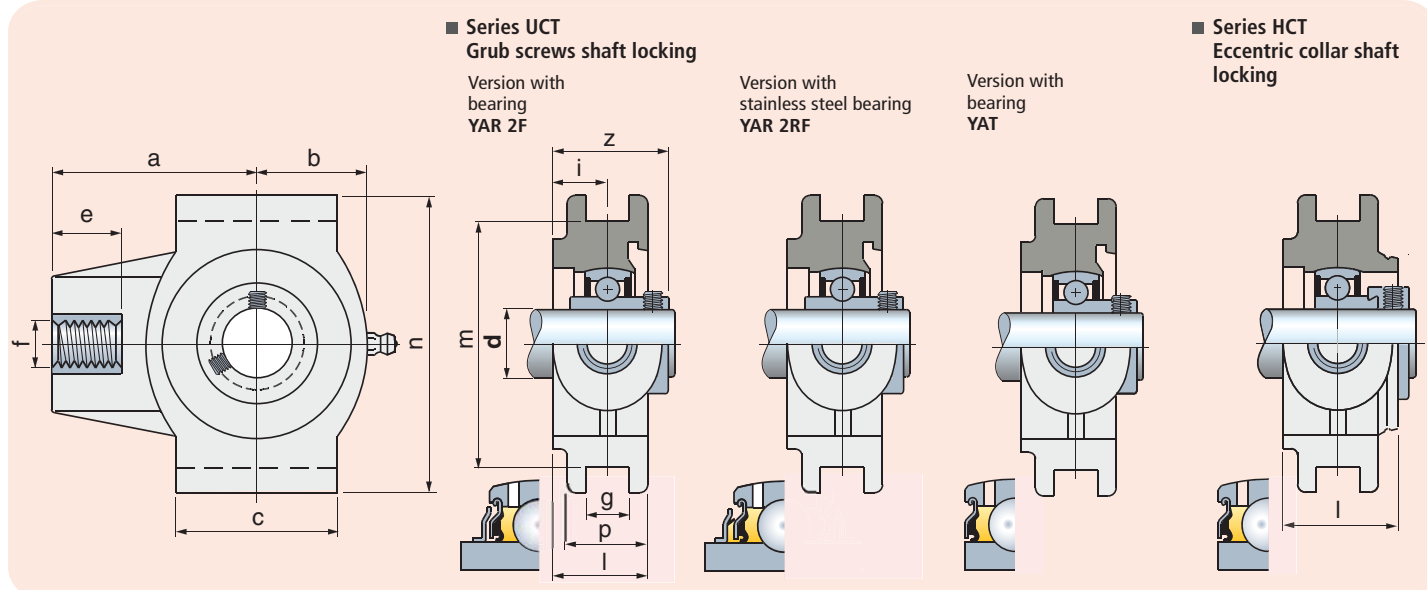
- **Grub screws or eccentric collar shaft locking**
- **Version with bearing YAR 2F**
The double ring guarantees maximum protection against dust and non-corrosive substances.
- **Version with stainless steel bearing YAR 2RF**
AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.
- **Version with bearing YAT**
The rubberised ring guarantees maximum protection against dusts.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.
- **Material**
Polyamide PA FV guarantees maximum strength and high-temperature resistance.
Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.

Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT - YET			Bearing load YAR 2RF			Bearing unit max. static load
	Load coefficient dyn. 1) C N	stat. Co N	Max. 1) axial load N	Load coefficient dyn. 1) C N	stat. Co N	Max. 1) axial load N	
20	12700	6550	2540	10800	6550	2160	16000
25	14000	7800	2800	11900	7800	2380	24000
30	19500	11200	3900	16250	11200	3250	27000

1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0.77 values must be considered in all other cases.

Accessories				
dia. d mm	Cover orange	Cover red with Microban®	t mm	UCT HCT
	Code			
Serie UCT Closed cover supplied with seals				
20	681862	681902	50	—
25	681872	681912	52	—
30	667812	667842	55	—
Serie UCT Open cover supplied with seals				
20	681882	681922	50	—
25	681892	681932	52	—
30	667932	667962	55	—
Serie HCT Closed cover supplied with seals				
20	681942	681982	—	57
25	681952	681992	—	58
30	63154	653322	—	62
Serie HCT Open cover supplied with seals				
20	681962	682002	—	57
25	681972	682012	—	58
30	69965	653442	—	62



dia. d mm	Series	Housing material			Dimensions in mm														Bearing	Weight Kg
		Polyamide PA FV Flange (black)	Polyamide PA FV with Microban® Flange (grey)	Polypropylene PP FV with Microban® Flange (white)	a	b	c	e	f	g	i	l	m	n	p	z				
		Code																		
Grub screws shaft locking • Version with bearing YAR 2F																				
20	UCT 204	667672	—	—	63,5	34	50	28	M 16	13,5	17	29,5	76,2	92	25	35,5	YAR 204 2F	0,31		
25	UCT 205	667682	—	—	68,5	39,5	50	28	M 20	13,5	17	29,5	76,2	92	25	37,5	YAR 205 2F	0,37		
30	UCT 206	667692	—	—	77	48	57	28	M 24	13,5	18,5	32,5	89	104	28	39,5	YAR 206 2F	0,48		
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																				
20	UCT 204	667702	667732	667762	63,5	34	50	28	M 16	13,5	17	29,5	76,2	92	25	35,5	YAR 204 2RF	0,31		
25	UCT 205	667712	667742	667772	68,5	39,5	50	28	M 20	13,5	17	29,5	76,2	92	25	37,5	YAR 205 2RF	0,37		
30	UCT 206	667722	667752	667782	77	48	57	28	M 24	13,5	18,5	32,5	89	104	28	39,5	YAR 206 2RF	0,48		
Grub screws shaft locking • Version with bearing YAT																				
20	UCT 204	667432	667462	667522	63,5	34	50	28	M 16	13,5	17	29,5	76,2	92	25	35,5	YAT 204	0,31		
25	UCT 205	667442	667472	667532	68,5	39,5	50	28	M 20	13,5	17	29,5	76,2	92	25	37,5	YAT 205	0,37		
30	UCT 206	667452	667482	667542	77	48	57	28	M 24	13,5	18,5	32,5	89	104	28	39,5	YAT 206	0,48		
Eccentric collar shaft locking																				
20	HCT 204	667552	667582	667642	63,5	34	50	28	M 16	13,5	17	35,5	76,2	92	25	40,5	YET 204	0,34		
25	HCT 205	667562	667592	667652	68,5	39,5	50	28	M 20	13,5	17	35,5	76,2	92	25	41	YET 205	0,40		
30	HCT 206	667572	667602	667662	77	48	57	28	M 24	13,5	18,5	38,5	89	104	28	45,2	YET 206	0,51		

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer
service for delivery times

On request for appropriate
suitable quantities

Round flange bearing units

UCFC/C



- **Waterproof housing**
- **Grub screws shaft locking**
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents. Inferior loading ability.

■ Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

PPFV polypropylene housing

Housing in reinforced polypropylene PPFV resin (black) • Protection cover in polypropylene PP (orange) • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

■ Loads

Shaft dia. d mm	Bearing load			Bearing unit max. static load			
	Load coefficient dyn ¹⁾ C N	stat. Co N	Max. axial load N	 PA FV N	 PP FV N	 PA FV N	 PP FV N
35	25500	15300	5100	19550	12650	23000	11500

1) = Values are valid for applications with $\leq h 6$ shaft tolerance. Time 0,77 values must be considered in all other cases.

■ Continuous operating temperature

in air : - 20 to + 60°C.

■ Maximum allowed misalignment: 2°.

■ Bearing



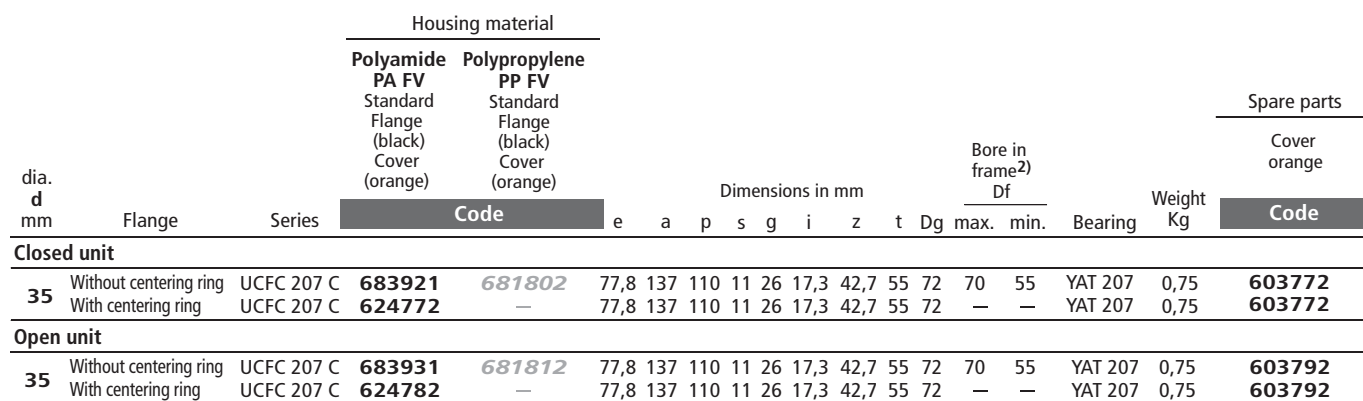
- Series YAT (grub screws shaft locking) • Chrome alloy steel
- Superagriseal unit • Prelubricated with lithium/ calcium grease
- Can be relubricated

■ Quick coupler for remote lubrication (accessory)



Code : 67843.

The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.



**INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:**

On request for appropriate suitable quantities

Round flange bearing units

UCFC



Accessories

- **Grub screws shaft locking**
- **Version with bearing YAR 2F**
The double ring guarantees maximum protection against dust and non-corrosive substances.
- **Version with stainless steel bearing YAR 2RF**
AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.
- **Version with bearing YAT**
The rubberised ring guarantees maximum protection against dusts.
- **Material**
Polyamide PA FV guarantees maximum strength and high-temperature resistance.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing

Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Prelubricated with lithium/ calcium grease • Can be relubricated

Quick coupler for remote lubrication (accessory)



Code : 67843.

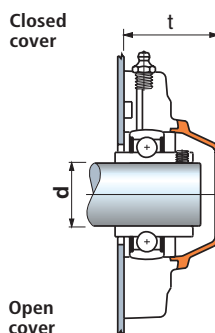
The system foresees semirigid dia. 4 mm tubes made out of Rilsan/Nylon. The tubes are connected to the joints by means of rapid graft.
Material nickel plated brass.
Dimension : 1/8 Gas.

Loads

Shaft dia. d mm	Bearing load YAR 2F - YAT			Bearing load YAR 2RF			Bearing unit max. static load	
	Load coefficient dyn. ¹⁾ C N		Max ¹⁾ axial load N	Load coefficient dyn. ¹⁾ C N		Max ¹⁾ axial load N	PA FV N	PA FV N
	stat. Co N			stat. Co N				
35	25500	15300	5100	21600	15300	4320	19550	23000

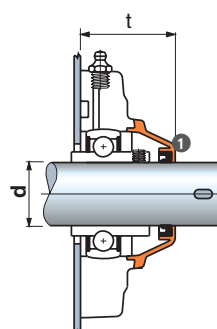
1) = Values are valid for applications with ≤ h 6 shaft tolerance. Time 0,77 values must be considered in all other cases.

Protection covers (accessories)

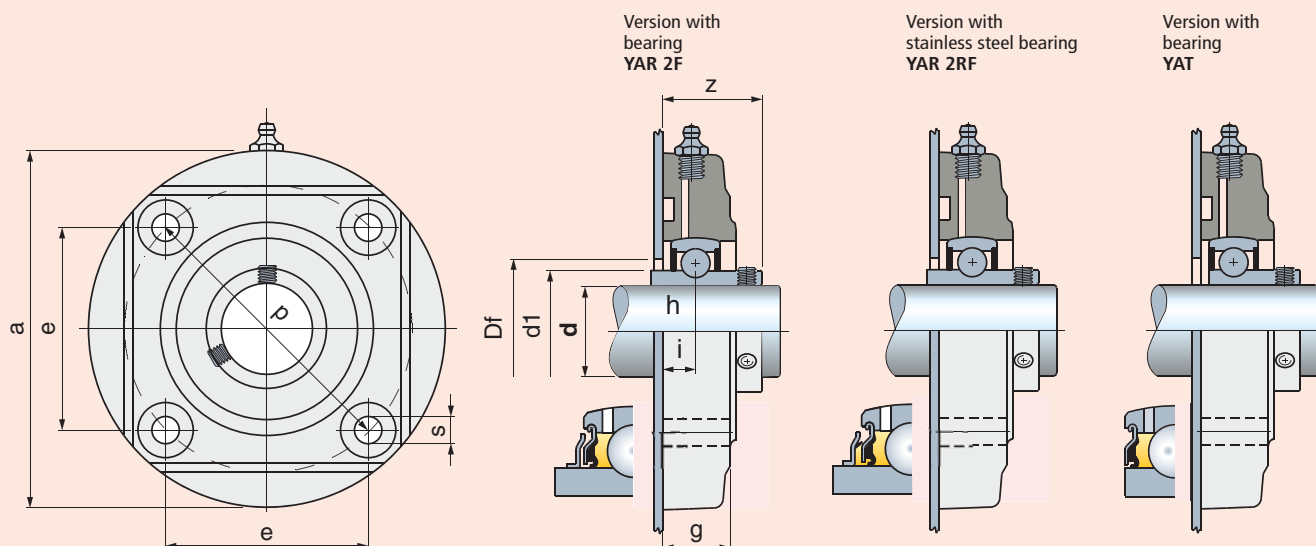


Accessories

dia. d mm	Cover orange Code	t mm
Closed cover supplied without seals		
35	63232	50
Open cover supplied with seals		
35	604042	50



① Seals



dia. d mm	Series	Housing material		e	a	p	Dimensions in mm					d1	Bore in frame Df mm	Bearing	Weight Kg
		Polyamide PA FV Standard Flange (black)	Code				s	g	i	h	z				
Version with bearing YAR 2F															
35	UCFC 207	60752	77,8	137	110	11	26	12,3	17,5	37,7	46,1	50	YAR 207 2F	0,75	
Version with stainless steel bearing YAR 2RF															
35	UCFC 207	646652	77,8	137	110	11	26	12,3	17,5	37,7	46,1	50	YAR 207 2RF	0,75	
Version with bearing YAT															
35	UCFC 207	681822	77,8	137	110	11	26	12,3	17,5	37,7	46,1	50	YAT 207	0,75	

Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

Please, contact our customer
service for delivery times

Round flange bearing units

FC



- **Waterproof housing**
- **Shaft shoulders locking**
High axial load capacity.
- **PAFV polyamide housing**
High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents
- **PPFV polypropylene housing**
Proof to highly aggressive chemical agents.
Inferior loading ability.

Material

PAFV polyamide housing

Housing in reinforced polyamide PAFV resin (black) • Seal and O-Ring in NBR rubber (black) • Ball type nickel plated brass greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 304 .

PPFV polypropylene housing

Housing in reinforced polypropylene PPFV resin (black) • Seal and O-Ring in NBR rubber (black). On request supplied in Viton rubber (brown). Viton material offers high resistance to chemical agents • Ball type stainless steel AISI 316 greasing nipple • Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

Loads

Shaft dia. da mm	Bearing dia. d mm	Bearing load		Bearing unit max. static load				
		Load coefficient						
		dyn. C N	stat. Co N	PA FV N	PA FV N	PA FV N	PA FV N	PA FV N
35	30	15600	4650	17250	11500	17250	23000	12650

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing



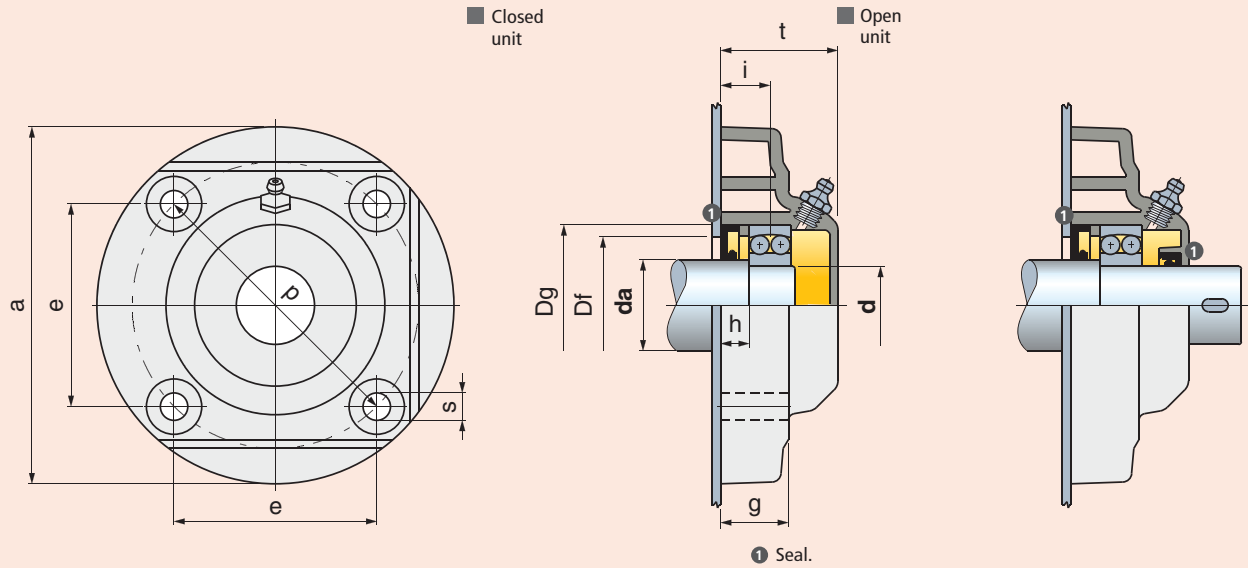
Series 1200 self aligning ball bearing • Chrome alloy steel • Supplied without grease • To be prelubricated with lithium/calcium grease during first installation.

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.



Shaft dia. da mm	Bearing dia. d mm	Series	Housing material		e	a	p	Dimensions in mm						Bore in frame ²⁾ Df		Bearing	Weight Kg
			Polyamide PA FV Standard Flange (black)	Polypropylene PP FV Standard Flange (black)				s	g	i	h	t	Dg	max.	min.		
			Code														
Closed unit																	
35	30	FC 1206	65801	681842	77,8	137	110	11	26	19	11	45	62	60	52	1206	0,57
Open unit																	
35	30	FC 1206	65891	681852	77,8	137	110	11	26	19	11	45	62	60	52	1206	0,57

2) = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.
Packaging : 6 pieces.

INDICATIVE GUIDE LINES
FOR PRODUCT AVAILABILITIES:

On stock

On request for appropriate
suitable quantities

Round flange bearing units

SBF



■ Stainless steel AISI 304 flange

■ Stainless steel bearing YAR 2RF

AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents.

■ Load capacity

The pressed steel flanged support is suitable for light duties.

■ Material

Pressed stainless steel AISI 304 flanges.

■ Continuous operating temperature

in air : - 20 to + 60°C.

■ Maximum allowed misalignment: 5°.

■ Bearing

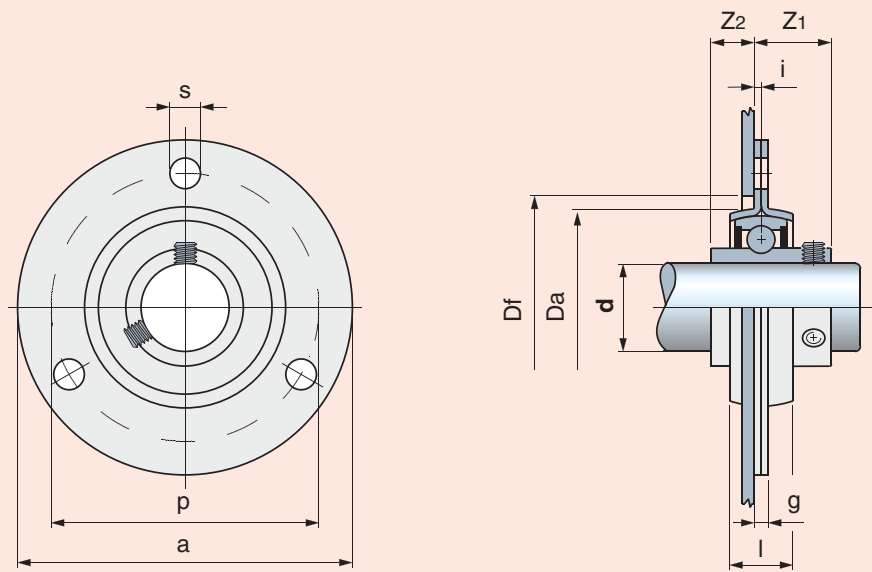


Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Prelubricated with lithium/ calcium grease • Can be relubricated.

■ Loads

Shaft dia. d mm	Bearing load	
	Load coefficient	
	dyn. ¹⁾ C N	stat. Co N
25	11900	7800

1) = Values are valid for applications with $\leq h 6$ shaft tolerance. Time 0,77 values must be considered in all other cases.



dia. d mm	Series	Housing material		p	a	s	Dimensions in mm			Z1	Z2	Bore in frame Df	Bearing	Weight Kg
		Stainless steel AISI 304	Code				g	i	l					
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



Housing material			
	Polyamide PA FV Standard Flange (black)	Polyamide PA FV with Microban® Solid Flange (grey)	Polypropylene PP FV with Microban® Solid Flange (white)
dia. d mm	Code		
Seal			
17	696152	696152	696152
20	632151	632151	632151
25	608941	608941	608941
30	68416	68416	68416
35	641111	641111	641111
40	632141	632141	632141
40*	603622	603622	603622
45*	686852	686852	686832
50*	686862	686862	686842
Ball type greasing nipple			
	64437	64437	63617

* = Version with special fixing holes.

- Material : seal in NBR rubber (black). Ball type nickel plated brass greasing nipple for PA FV version, ball type stainless steel AISI 316 for PP FV version.

F - FL - FC



Housing material		
dia. da mm	Polyamide PA FV Standard Flange (black)	Polypropylene PP FV Standard Flange (black)
	Code	
Seal		
25	603642	603642
30	603662	603662
35	603682	603682
40	603702	603702
45	603722	603722
45*	603742	603742
Ball type greasing nipple		
	64437	63617

* = Version with special fixing holes.

- Material : seal in NBR rubber (black). Ball type nickel plated brass greasing nipple for PA FV version, ball type stainless steel AISI 316 for PP FV version.

UCPA/C - UCPA - UCFB/C - UCFB - UCT/C - UCT



Housing material			
	Polyamide PA FV Standard Flange (black)	Polyamide PA FV with Microban® Solid Flange (grey)	Polypropylene PP FV with Microban® Solid Flange (white)
dia. d mm	Code		
Seal			
17	696152	696152	696152
20	632151	632151	632151
25	608941	608941	608941
30	68416	68416	68416
35	641111	641111	641111
40	632141	632141	632141
Ball type greasing nipple			
	665422	665422	665432

- Material : seal in NBR rubber (black). Ball type nickel plated brass greasing nipple for PA FV version, ball type stainless steel AISI 316 for PP FV version.

Technical information

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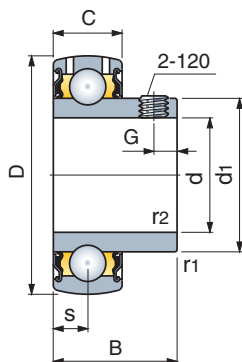
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Bearings

■ Bearings with grub screw locking system

Prelubricated with long lasting lithium/calcium grease • Can be rilubricated

Series YAT

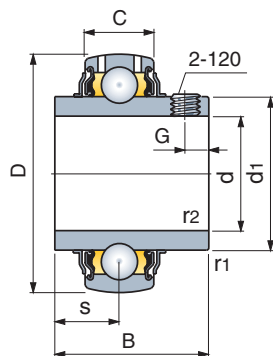


d mm	Bearing type	Dimensions in mm							Grub screws	Load coefficient		Weight Kg
		d1	D	B	C	s	G	r ₁ , r ₂ min.		dyn. C N	stat. Co N	
17	YAT 203	24,2	40	22,1	12	6,2	4	0,3	M6x0,75	9500	4750	0,07
20	YAT 204	28,2	47	25,5	14	7,2	4,5	0,6	M6x0,75	12700	6550	0,11
25	YAT 205	33,7	52	27,2	15	7,7	5	0,6	M6x0,75	14000	7800	0,14
30	YAT 206	39,7	62	30,2	18	9,2	5	0,6	M6x0,75	19500	11200	0,23
35	YAT 207	46,1	72	33	19	9,7	6	1	M6x0,75	25500	15300	0,31
40	YAT 208	51,8	80	36	21	10,7	8	1	M6x0,75	30700	19000	0,43
45	YAT 209	56,8	85	37	22	11,2	7	1	M6x0,75	33200	21600	0,48
50	YAT 210	62,5	90	38,8	22	11,2	8	1	M8x1	35100	23200	0,54

Chrome alloy steel.

1) = Values are valid for applications with $\leq h 6$ shaft tolerance. Time 0.77 values must be considered in all other cases.

Series YAR 2F

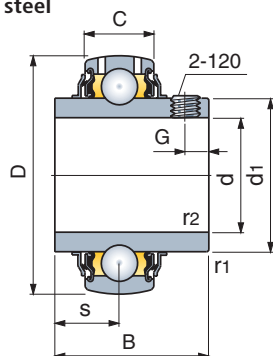


d mm	Bearing type	Dimensions in mm							Grub screws	Load coefficient		Weight Kg
		d1	D	B	C	s	G	r ₁ , r ₂ min.		dyn. C N	stat. Co N	
17	YAR 203 2F	24,2	40	27,4	12	11,5	3,5	0,3	M6x0,75	9500	4750	0,09
20	YAR 204 2F	28,2	47	31	14	12,7	4,5	0,6	M6x0,75	12700	6550	0,14
25	YAR 205 2F	33,7	52	34,1	15	14,3	5	0,6	M6x0,75	14000	7800	0,17
30	YAR 206 2F	39,7	62	38,1	18	15,9	5	0,6	M6x0,75	19500	11200	0,28
35	YAR 207 2F	46,1	72	42,9	19	17,5	6	1	M6x0,75	25500	15300	0,41
40	YAR 208 2F	51,8	80	49,2	21	19	8	1	M8x1	30700	19000	0,55
45	YAR 209 2F	56,8	85	49,2	22	19	8	1	M8x1	33200	21600	0,60
50	YAR 210 2F	62,5	90	51,6	22	19	9	1	M10x1	35100	23200	0,69

Chrome alloy steel.

1) = Values are valid for applications with $\leq h 6$ 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							Grub screws	Load coefficient		Weight Kg
		d1	D	B	C	s	G	r ₁ , r ₂ min.		dyn. C N	stat. Co N	
20	YAR 204 2RF	28,2	47	31	14	12,7	4,5	0,6	M6x0,75	10800	6550	0,14
25	YAR 205 2RF	33,7	52	34,1	15	14,3	5	0,6	M6x0,75	11900	7800	0,18
30	YAR 206 2RF	39,7	62	38,1	18	15,9	5	0,6	M6x0,75	16250	11200	0,29
35	YAR 207 2RF	46,1	72	42,9	19	17,5	6	1	M6x0,75	21600	15300	0,42
40	YAR 208 2RF	51,8	80	49,2	21	19	8	1	M8x1	26000	19000	0,56

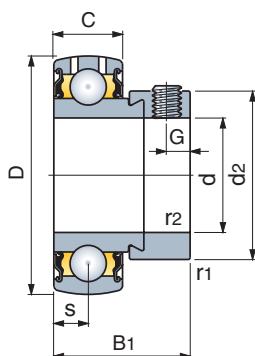
Stainless steel AISI 420.

1) = Values are valid for applications with $\leq h 6$ 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							Grub screws	Load coefficient		Weight Kg
		d2	D	B1	C	s	G	r ₁ , r ₂ min.		dyn. C N	stat. Co N	
17	YET 203	28,6	40	28,6	12	6,5	4,75	0,3	M6x0,75	9500	4750	0,10
20	YET 204	33	47	31	14	7,5	5	0,6	M6x0,75	12700	6550	0,16
25	YET 205	37,4	52	31	15	7,5	5	0,6	M6x0,75	14000	7800	0,18
30	YET 206	44,2	62	35,7	18	9,0	6	0,6	M8x1	19500	11200	0,30
35	YET 207	55,6	72	38,9	19	9,5	7	1	M10x1,25	25500	15300	0,49
40	YET 208	60,3	80	43,7	21	11	7	1	M10x1,25	30700	19000	0,62
45	YET 209	63,5	85	43,7	22	11	6,75	1	M10x1	33200	21600	0,65
50	YET 210	67,5	90	43,7	22	11	6,75	1	M10x1	35100	23200	0,70

Chrome alloy steel.

1) = Values are valid for applications with $\leq h 6$ shaft tolerance. Time 0.77 values must be considered in all other cases.

Bearings

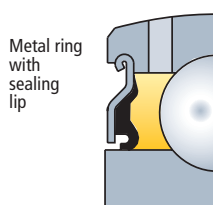
Seals

Series YAT - YET. The system consists of a metallic ring fitted with a low friction rubber sealing lip.

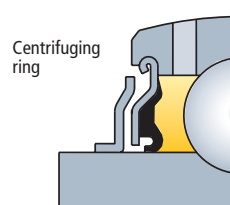
Series YAR 2F. The system is further equipped with a metallic protection ring providing a centrifugal sealing action.

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.

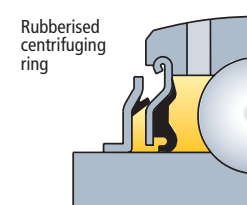
Series YAT- YET



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

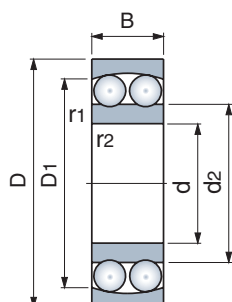
Axial load capacities

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					Load coefficient		Revolutions RPM	Weight Kg
		D	B	d2	D1	r ₁ , r ₂ min.	dyn. C N	stat. Co N		
20	1204	47	14	28,9	41	1	12700	3400	15000	0,12
25	1205	52	15	33,3	45,6	1	14300	4000	13000	0,14
30	1206	62	16	40,1	53	1	15600	4650	10000	0,22
35	1207	72	17	47	62,3	1,1	19000	6000	9000	0,32
40	1208	80	18	53,6	68,8	1,1	19900	6950	8500	0,42

Calculation data

■ Bearing dimensioning

The bearing dimensions, for a given application, should be chosen on the basis of the loads to be supported, expected service life and reliability. In most cases the reason for choosing a bearing is the fact that the shaft has already been sized during the design of the plant.

■ Calculation procedures for self-aligning bearings

The calculation procedure for self-aligning bearings consists in ensuring a satisfactory operating life of the unit:

- 1) - The nominal service life is calculated using the formulas indicated below, keeping in mind the type of stress on the bearing (dynamic or static).
- 2) - The nominal life of the bearing should reflect the expected service life of the plant as indicated in Table 1 hereunder.

■ Service life

The dimensioning of the bearing requires the knowledge of the appropriate life expectancy of the project in relation to the specific application. This depends on the type of plant, daily/yearly working hours and on the required reliability.

In the absence of practical experience Table 1 gives our recommendations of the average expected plant life under various conditions.

Table 1 - Recommended plant expected life L_{10h} for MB support bearings

Plant type	Plant expected life L_{10h} hours
Seasonal Operation plants	4000 ÷ 8000
Daily operated plant, 8 hours/day, not completely utilised	10000 ÷ 20000
Daily operated plant, 8 hours/day, completely utilised	20000 ÷ 30000
Daily operated plant, 24 hours/day	40000 ÷ 80000

Dynamically stressed bearings

Bearings which rotate under load are considered dynamically stressed (one ring of the bearing makes one full rotation against the other). In most cases, self-aligning supports are dynamically stressed.

■ Expected life calculation formula

The service life of a bearing is expressed in the number of revolutions or hours of operations which can be expected without breakdown (erosion or laminations of the bearing revolving parts).

The calculating procedure for nominal duration is valid whatever the type of bearing.

$$L_{10} = \left(\frac{C}{P} \right)^3 \quad \text{Life in Millions revolutions}$$

When bearings rotate at constant speed it is more practical to calculate the life in number of hours

$$L_{10h} = \frac{16666}{n} \cdot \left(\frac{C}{P} \right)^3 \quad \text{Life in hours}$$

L_{10} = life in millions of revolutions.

L_{10h} = life in hours.

C = dynamic load coefficient (N). Values are indicated in the support dimensional tables.

P = equivalent dynamic load (N). See calculation formula on Table 2.

n = revolutions (RPM).

■ Correct expected life

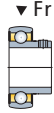
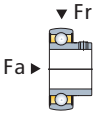
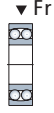
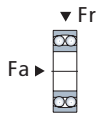
In the majority of cases, for self aligning MB bearings, it is sufficient to calculate L_{10} , L_{10h} using the formula indicated above. The new theory of life calculation permits to establish the correct life expectancy keeping into consideration the effects of lubrication, pollution of solid particles and of the fatigue limit load P_u (values are reported in the bearing tables).

The calculation of the correct expected life requires therefore the assistance of the technical commercial staff.

Calculation data

Equivalent dynamic load P calculation

Table 2 - Equivalent dynamic load P calculation

Bearing type	Load direction on the bearing	Equivalent dynamic load P (N) calculation formula
YAT YET YAR 2F YAR 2RF		$P = Fr$
		$P = X \cdot Fr + Y \cdot Fa$
1200		$P = Fr$
		$P = Fr + Y_1 \cdot Fa$ with $\frac{Fa}{Fr} \leq e_1$ $P = 0,65 \cdot Fr + Y_2 \cdot Fa$ with $\frac{Fa}{Fr} > e_1$

P = equivalent dynamic load (N).
Fr = radial load acting on the bearing (N).
Fa = axial load acting on the bearing (N).
x, Y = load factors. See Table 3.
e₁, Y₁, Y₂ = factors. See Table 4.

Table 3 - Load factors x, y

Ratio $\frac{Fa}{Co}$	e	With: $\frac{Fa}{Fr} \leq e$		With: $\frac{Fa}{Fr} > e$	
		x	y	x	y
0,025	0,22	1	0	0,56	2
0,04	0,24	1	0	0,56	1,8
0,07	0,27	1	0	0,56	1,6
0,13	0,31	1	0	0,56	1,4
0,25	0,37	1	0	0,56	1,2
0,5	0,44	1	0	0,56	1

Table 4 - Factors e₁, Y₁, Y₂, Y₀

Int. dia. bearing mm	e ₁	Y ₁	Y ₂	Y ₀
20	0,30	2,1	3,3	2,2
25	0,28	2,2	3,5	2,5
30	0,25	2,5	3,9	2,5
35	0,23	2,7	4,2	2,8
40	0,22	2,9	4,5	2,8

Co = Static load coefficient (N). The values are indicated in the support dimensional tables.

Operating conditions coefficients

It should be common practice to include operational factors when calculating bearing dimensions to allow for load variations which may happen during running of the plant. The coefficients given here under are indicative only and are based on actual operational experience.

With steady loads/light impacts: multiply the equivalent dynamic load P by: 1,2 ÷ 1,5
 With loads and medium impacts: multiply the equivalent dynamic load P by: 1,7 ÷ 2,0

Calculation data

Static load capacity control

Statically stressed bearings

In rolling-contact bearing technology the condition of static load is considered to exist when:

- The bearing does not rotate and is subjected to permanent loads or intermittent ones (impacts).
- The bearing is subjected to loads and slow oscillating movements.
- The bearing rotates under load at a very low speed and for short periods.
- The bearing rotates under load and must withstand strong impacts acting in the course of one revolution.

The static safety coefficient f_s must not exceed the recommended values given in Table 5 in order to obtain a satisfactory performance of the bearings.

Coefficient f_s gives the safety margin against excessive permanent deformation of the revolving parts of the bearing.

$$f_s = \frac{C_o}{P_o}$$

f_s = static safety coefficient.

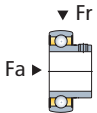
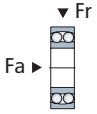
C_o = static load coefficient (N). The values are given in the support dimensional tables.

P_o = equivalent static load (N). See calculation formula given below.

Table 5 - Static safety coefficient f_s for MB bearings

Type of operation	Revolving bearings			
	Noise level not important	Normal noise level operation	nicht drehende Lager	Non revolving bearings
Smooth operation without vibration	0,5	1	2	0,4
Normal operation	0,5	1	2	0,5
Impact loads operation	$\geq 1,5$	$\geq 1,5$	≥ 2	≥ 1

Equivalent static load P_o calculation

Bearing type	Load direction on the bearing	Equivalent dynamic load P (N) calculation formula
YAT YET YAR 2F YAR 2RF		$P_o = 0,6 \cdot Fr + 0,5 \cdot Fa$ If $P_o < Fr$, then assume $P_o = Fr$.
1200		$P_o = Fr + Y_o \cdot Fa$

P_o = equivalent static load (N).

Fr = radial load on the bearing (N).

Fa = axial load on the bearing (N).

Y_o = see table 4, page B55.

Lubrication

■ Prelubrication

All self-aligning bearings are supplied factory lubricated.

Warning

The first lubrication must be carried out only for bearings of the series FL - F - FC held by the shaft shoulders.

■ Lubricating grease

Bearings are prelubricated with long lasting lithium/calcium grease.

Technical data	NLGI consistency :	2
	Emulsifier :	lithium/calcium
	Base oil :	mineral
	Base oil viscosity :	165 mm ² /s at 40°C
	Operating temperature :	- 20°C to +120°C
	Water resistance :	Recommended
	Antioxidant properties :	Recommended

■ Relubrication

All self-aligning bearing units are equipped with a grease nipple of the ball type to allow periodical relubrication of the bearing.

Warning

- Do not grease at first assembly.
- The first lubrication must be carried out only for bearings of the series FL - F - FC held by the shaft shoulders.
- Stainless steel pressed metal supports of the series SBF are not relubricatable.
- Use only grease of same characteristics as indicated.
- Clean greasing nipple before each greasing operation.
- Inject grease slowly until it comes out from the bearing. Keep the bearing rotating and do not apply excessive pressure which could damage the sealing units.
- More frequent greasing operations with smaller quantities of grease are to be preferred.

■ Relubrication intervals

Relubrication intervals vary according to actual operating conditions. Very often during operation, load, speed, temperature and ambient conditions (humidity, dust) may vary making it difficult to establish exact rules. Experience once again gives the best answer:

- Light operating conditions : relubricate every 6 months.
- Normal operating conditions : relubricate every 1 ÷ 3 months.
- Heavy operating conditions : relubricate every 2 weeks.

Grease life in bearings lubricated for life (dry use recommended)

Formula to calculate grease life in bearings lubricated for life

This procedure allows to calculate the grease life as a function of its quality and bearing type, dimension, rotating speed, applied loads and working temperature.

$$L_h = L_{10h} \times F_c \quad \text{Grease life (hours)}$$

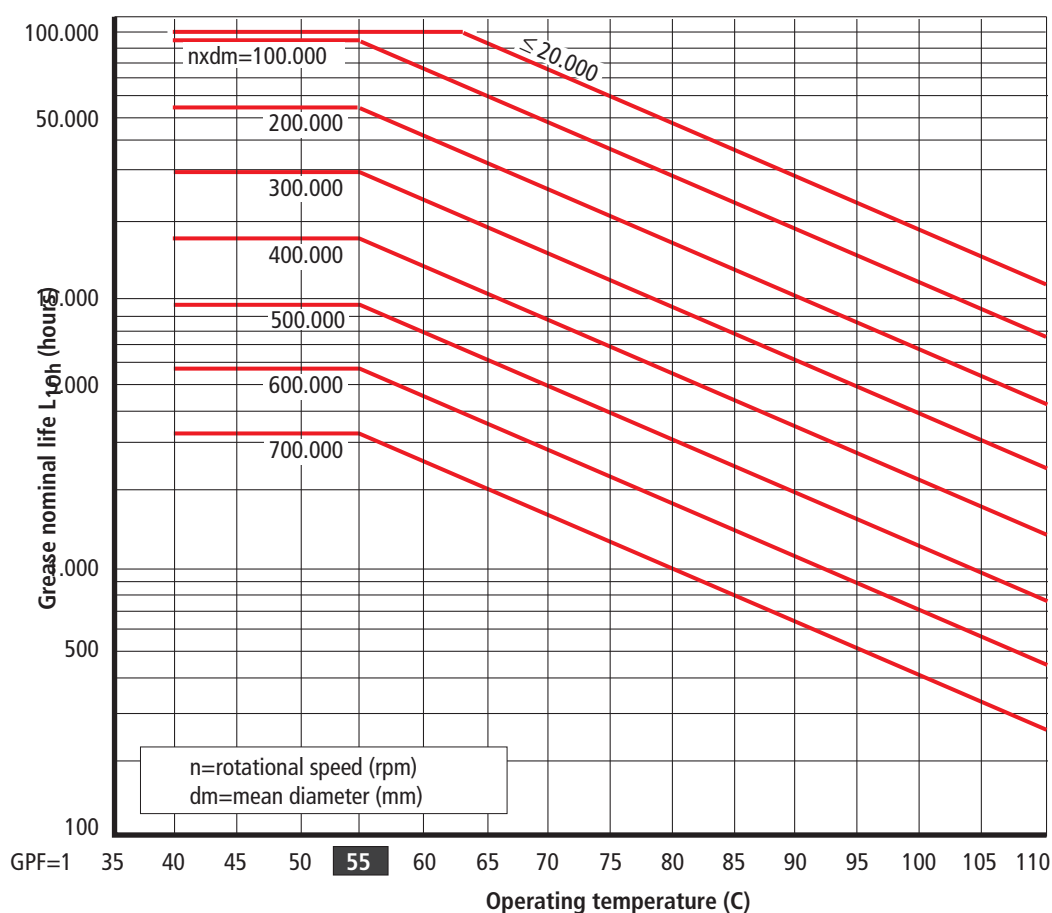
L_h = Grease life (hours).

L_{10h} = Grease nominal life (hours). See Diagram 1.

F_c = Correction factor. See Diagram 2.

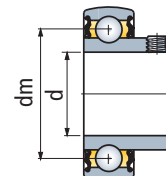
Diagram 1 - Grease nominal life L_{10h}

This diagram allows to determine the nominal grease life L_{10h} (hours), as a function of rotating speed n (rpm), mean diameter dm (mm), bearing working temperature (C). Greases are classified by a factor GPF (Grease Performance Factor), related to their temperature performance. In this table we consider a grease with GPF = 1, which is the grease used in all Marbett LifeLube bearings.

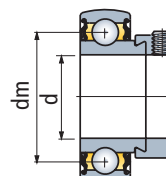


dm (mm) = mean diameter.

Series YAT



Series YET



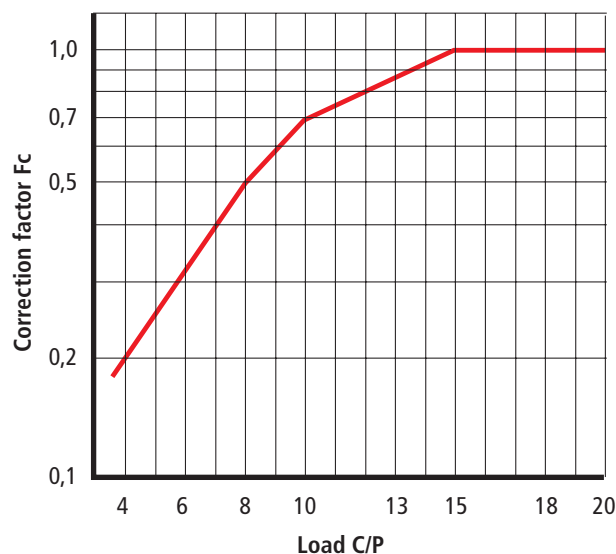
dia. d mm	dia. dm mm
17	28,5
20	33,5
25	38,5
30	46
35	53,5
40	60
45	65
50	70

55 = At room temperature, with normal working conditions, the grease works at a temperature lower than 55C.

Grease life in bearings lubricated for life (dry use recommended)

■ Diagram 2 - Correction factor F_c

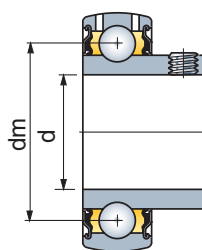
The corrective factor F_c , keeps into consideration the influence of load applied on bearings as a function of load ratio C / P . With low loads ($C/P \geq 15$) the duration of the grease is not influenced by load values.



C = Dynamic load coefficient (N). Values are indicated in the bearings dimensional tables.

P = Equivalent dynamic load (N). See Table 2 page B55

■ Example of calculation



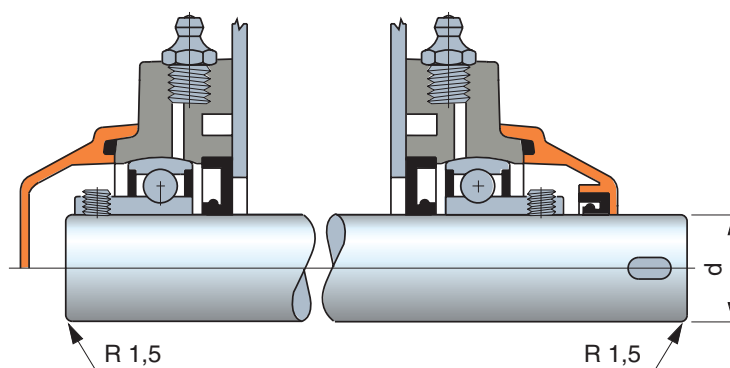
Data :

- Bearing type YAT 208.
- $d=40$ mm (shaft dia.).
- $dm = 60$ mm. (bearing mean dia.).
- $n=300$ rpm. (rotational speed).
- 55 C (grease operating temperature).
- $C=23600$ N (Dynamic load coefficient).
- $P = 3000$ N (equivalent dynamic load).
- From Diagram 1, as a function of :
 $n \times dm = 300 \text{ rpm} \times 60 \text{ mm} = 18000$
 we read a nominal grease life of :
 $L_{10h}=100000$ hours.
- From Diagram 2, as a function of :
 $C/P = 23600 \text{ N} : 3000 \text{ N} = 7,8$
 we read a corrective factor of :
 $F_c=0,5$.
- Calculation of estimated grease life :
 $L_h = L_{10h} \times F_c = 100000 \text{ hours} \times 0,5 = 50000 \text{ hours}$.

Shaft tolerances

■ Tolerances for grub screws/ eccentric collar locked bearings

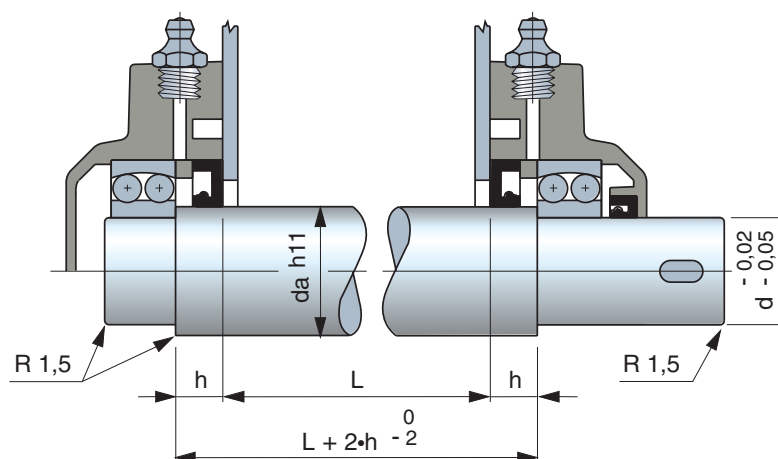
- The tables indicate shaft diameter tolerances.
- Shaft ends must be rounded off in order to:
 - ease assembly and avoid bearing jamming.
 - avoid damages to the rubber parts of the sealing units.
- The shaft surface for the portion in contact with the sealing gaskets must be smooth and free of defects (scratches etc.)



ISO shaft tolerance

Shaft dia. d mm	Heavy loads High speed h 6 plus min.		Normal operation h 7 plus min.		Light loads Low speed h 8 plus min.		Simple applications					
	plus	min.	plus	min.	plus	min.	h 9 plus	h 9 min.	h 10 plus	h 10 min.	h 11 plus	h 11 min.
17	0	- 11	0	- 18	0	- 27	0	- 43	0	- 70	0	- 110
20 30	0	- 13	0	- 21	0	- 33	0	- 52	0	- 84	0	- 130
35 50	0	- 16	0	- 25	0	- 39	0	- 62	0	- 100	0	- 160

Tolerances in μm



h values are given in the support dimensional tables

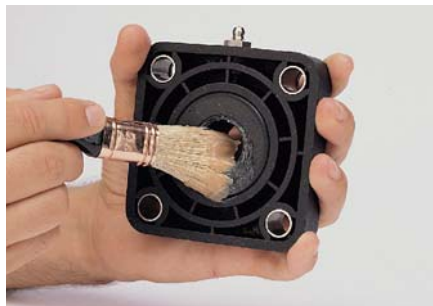
■ Tolerances for shaft shoulders locked bearings

- Shaft ends must be rounded off in order to:
 - ease assembly and avoid bearing jamming.
 - avoid damages to the rubber parts of the sealing units.
- The shaft surface for the portion in contact with the sealing gaskets must be smooth and free of defects (scratches etc.).
- The mounting shaft/bearing is free to facilitate assembly. For heavy radial loads conditions it is recommended a slightly tight mounting.

Mounting

■ Assembly instructions

- 1** - With waterproof bearings the rubber sealing units must be greased before mounting to avoid initial dry running on the shaft. The grease must fill only the space in between the two sealing lips.
- 2** - The bearing must be locked onto the shaft after the support mounting flange has been fully tightened. This is necessary to allow the bearing to assume its correct alignment on the shaft without undue axial stresses. Always tighten the screws diagonally (max. tightening couple for M10 screw = 50 Nm).



■ Locking of the bearing by grub screws

- 3** - The table gives the recommended maximum tightening couples for the grub screws and the size of the hexagonal to use.



Int. dia. bearing mm	Sc. driver size mm		Max. tightening couple Nm		
	Bearings YAT - YAR	Bearings YET	Bearings YAT - YAR	Bearings YET	
17	3	3	4	4	4
20	3	3	4	4	4
25	3	3	4	4	4
30	3	3	4	4	6,5
35	3	3	4	4	16,5
40	3	3	4	4	16,5
45	3	4	4	6,5	16,5
50	4	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.



Technical information

Resistance against chemical agents	POLYAMIDE PA		POLYPROPYLENE PP		POLYETHYLENE PE		ACETAL POM		AISI 303 AISI 304		AISI 316		NICKEL PLATED BRASS		NBR RUBBER		VITON RUBBER	
CHEMICAL AGENT	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C	Conc.%	23° C
ACETIC ACID	10	–	40	+	10+		5	–	20	+	50	+	/		–		20	–
ACETONE	100	+		+	+		/		50	+	25	+	+		–			–
ALUMINIUM CHLORIDE	10	+							–		/				+		Sat.	+
AMMONIA	10	+	30	+	+		Sol.	+	50	+	100	+	–		/			/
AMMONIA CONC.		+		+	+		–								–			
AMMONIUM CHLORIDE	10	+							10	/	/				+		Sat.	+
AMYL ALCOHOL	100	+		+						+	+							+
ANILINE		/	100	+	3	+	3	+	3	+					–			
BEER		+		+	+		+	+	+	+			+		+			+
BENZENE		+		+	/		+	+	70	/					–			
BENZOIC ACID	Sat.	/	Sat.	+					100	/	100	+			+			+
BENZOL	100	+		/	/		+	+		+		+	+		–			/
BORIC ACID	10	+	Sat.	+	Sat.	–	+	+	100	/	Sat.	+			+		Sat.	+
BRINE		/	Sat.	+	+		/								+			
BUTTER		+		+	+		+	+	+	+			+		+			+
BUTYL ALCOHOL	100	+		+						+	+				/			+
BUTYRIC ACID		–	100	+	+		–	–	5	+		+			–			+
CALCIUM CHLORIDE	10	+	50	+	Sat.	–	/	+	10	–	/		+		+		Sat.	+
CARBON SULPHIDE	100	+		+	+		+	+		+	+				–			+
CARBON TETRACHLORIDE		+		–	/		+	+	10	–	+		+		–			+
CAUSTIC SODA	10	+	52	+	25+		25	–		+					/		45	+
CHEESE		–		+	+		+	+							+			
CHLORINATED WATER		+		–	–		–	–		–					–			
CHLOROFORM	100	–		/	–		–	–	100	+		+	+		–			+
CHOCOLATE		–			+		+	+							+			
CITRIC ACID	10	/	10	+	+		/	+	5	+	25	+	–		+		Sat.	+
CUPRIC SULPHATE	10	+	Sat.	+	+		+	+	5	+	100	+			+		Sat.	+
DISTILLED WATER		+		+	+		+	+		+					+			
ETHYL ACETATE	100	+		+					100	/					–			–
ETHYL ALCOHOL	96	+	96	+	+		+	+	10	+		+	+		/			+
ETHYL CHLORIDE	100	+		–	/		+	+		+	/		/		–			
ETHYL ETHER	100	+		+	+		+	+							–			–
FERRIC CHLORIDE	10	+		+					20	–	/				+		Sat.	+
FOOD FATS		+		+	+		+	+		+					+			+
FOOD OILS		+		+	+		+	+		+					+			+
FORMALDEHYDE	30	+	40	+	/		+	+	100	+			+		–		40	+
FORMIC ACID	10	–	100	+	10+		10	–	5	/			+		–			
FREON 12		+								+					+			/
FRESH WATER		+		+	+		+	+		+			+		+			
FRUIT JUICES		+		+	+		+	+		+					+			
GASOLINE		+		/	/		+	+		+		+	/		/			+
GLYCERINE		+		+	+		+	+		+		+	+		+			+
HYDROCHLORIC ACID	10	–	30	+	37+		37	–		–	1	+	/		10	/	37	+
HYDROCHLORIC ACID	2	–	2	+	2	+	2	/							2	/		
HYDROFLUORIC ACID	40	–	40	+	70+		–	–		–					65	–	48	+
HYDROGEN PEROXIDE	3	–	30	+	+		–	–	30	+		+	/		80	–	90	+
IODINE		–		+	+		+	+							/			
LACTIC ACID	10	+	20	+	+		+	+	5	+	10	+	–		+			+
LINSEED OIL		+		+					100	+		+			+			+
MAGNESIUM CHLORIDE	10	+	Sat.	+					5	+	/				+		Sat.	+
MERCURY		+	100	+	+		+	+	100	/		+	/		+			+
METHYL ALCOHOL	100	+		+	+		+	+	100	/		+	+		/			/
METHYLENE CHLORIDE	100	+		/	/		–	–	/	/	/				–			/
MILK		+		+	+		+	+		+			+		+			+
MINERAL OILS		+		+	+		+	+		+		+			+			+
MUSTARD		–		+	+		+	+							+			
NITRIC ACID	10	–		+	5	/	5	–	10	+	65	+			10	–	70	+
OLEIC ACID	100	+		+	/		–	–	100	/			+		/			/
PARAFFIN		+	100	/	+		+	+		+					+			
PETROLEUM		+	100	/	–		+	+		+			+		+			+
PETROLEUM ETHER		+		+	+		+	+		+		+	+		–			

Resistance against chemical agents	POLYAMIDE PA	POLYPROPYLENE PP	POLYETHYLENE PE	ACETAL POM	AISI 303 AISI 304	AISI 316	NICKEL PLATED BRASS	NBR RUBBER	VITON RUBBER
CHEMICAL AGENT	Conc.% 23° C	Conc.% 23° C	Conc.% 23° C	Conc.% 23° C	Conc.% 23° C	Conc.% 23° C	Conc.% 23° C	Conc.% 23° C	Conc.% 23° C
PHENOL	–	+			10 +	+		–	+
PHOSFORIC ACID	10 –	85 +	95 +	10 –	10 –	50 /	–	20 /	85 +
POTASSIUM HYDROXIDE	10 +				50 +	50 +		/	+
SEA WATER	+	+	+	/	+	+	+	+	+
SILICONE OIL	+	+						+	+
SILVER NITRATE	+	20 +			60 /			/	+
SOAP AND WATER	+	+	+	+	+			+	
SODIUM CARBONATE	10 +	Sat. +	+	+	5 +	100 +		+	+
SODIUM CHLORIDE	10 +	Sat. +	+	+	5 +	/	+	+	Sat. +
SODIUM HYDROXIDE	10 +	30 +	+	10 +	–		+	/	
SODIUM HYPOCHLORITE	+	20 +	+	–	–			–	5 +
SODIUM SILICATE	+				100 +	100 +		+	
SODIUM SULPHATE	10 +	Sat. +	+	+	5 +	100 +		+	+
SOFT DRINKS	+	+	+	+	+		+	+	
SUDS	+	+						+	+
SULPHURIC ACID	10 –	98 +	40 /	40 –	10 –	100 +	+	–	95 +
TARTARIC ACID	+	10 +	+	30 /	10 +	50 +	–	+	+
TETRALINE	+	–						–	+
TINCTURE OF IODINE	–	+	+	+			–	/	
TRANSFORMER OIL	+	/						+	+
TRICHLORETHYLENE	/	/	+	–	+		+	–	+
TURPENTINE	/	–	–	–	+			–	
VASELINE	+	+	/	+				+	+
VEGETABLE JUICES	+	+	+	+	+			+	
VEGETABLE OILS	+	+	+	+	+			+	
VINEGAR	+	+	+	+	+		+	/	–
WHISKY	+	+	+	+	+		+	+	+
WINE	+	+	+	+	+		+	+	+
XIOL	+	–	/	+	+		/	–	+
ZINC CHLORIDE	10 /	20 +			10 –	/		+	Sat. +

Abbreviations: Sat. = saturated.

Legend..

+ = Good resistance.

/ = Fairly good resistance (limited use depending on working conditions).

– = Poor resistance (not recommended).

N.B. Where tests have not been carried out the spaces are left blank.

The data shown in this table..

are taken from laboratory tests, performed on unstrained test samples. It should be considered as purely indicative since material behaviour under real working conditions depends on different factors: temperature, concentration of the chemical agent, quick or long-lasting effect of the chemical agent.

Operating temperatures

Material	Description	Operating temperatures (°C)		
		contact with air		contact with hot water
		Min	Max	Max
PA	Polyamid	0	+ 80	+ 65
PA FV	Reinforced polyamid	– 5	+ 120	+ 100
PP	Polypropylene	+ 5	+ 105	+ 105
PP FV	Reinforced polypropylene	+ 5	+ 115	+ 115
PE (UHMWPE)	Polyethylene	– 40	+ 80	+ 70
POM	Acetal	– 40	+ 80	+ 65
Rex-LF®	Acetal	– 40	+ 80	+ 65
AISI 303 - AISI 304	Austenitic stainless steel (18/8)	– 70	+ 430	+ 120
Fe Zn	Zinc plated steel	– 40	+ 180	–
OT	Nickel plated brass	– 40	+ 180	+ 120

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Part. 88	S125	Part. 211	S105	Part. 341	S182	Part. 479R	R23
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Part. 96	S141	Part. 217	S111	Part. 356	S27	Part. 529	R54
Part. 97	S126	Part. 218	S101	Part. 359	S140	Part. 533	S55
Part. 98	S170-R12	Part. 219	S61	Part. 362	S20	Part. 535	S89
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Part. 107	S127	Part. 224	R59	Part. 366	S22	Part. 539	S73
Part. 111	S113	Part. 226	S144	Part. 367	S22	Part. 540	S136
Part. 112	S202	Part. 227	S141	Part. 368	S22	Part. 541	S137
Part. 114	S202	Part. 230	R56	Part. 369	S33-S63-S70	Part. 542	S137
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Part. 132	R18	Part. 243	S16	Part. 377	S76	Part. 548	R50
Part. 132R	R19	Part. 244	S17	Part. 378	S77	Part. 549	R50
Part. 133	S171-R20	Part. 247	S61	Part. 379	S77	Part. 550	S24
Part. 133R	R21	Part. 251	S17	Part. 383	R52	Part. 551	S18
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Part. 137	S175	Part. 255	S140	Part. 385	R52	Part. 554	S50
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The loads indicated in the table represent the maximum loads that can be applied at static conditions. these values result from tests and laboratory experiments done on our materials, injection molded and conditioned (40h - 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.

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