



# Conveyor Components

Issue 16

## **CONVEYOR COMPONENTS**

- Chain Guide Components Page S002
- Product Handling Components Page S045
- Frame Support Components Page S140
- Miscellaneous Components Page S156

**S001 - S189**

## **SUPPORTING AND LEVELLING ELEMENTS**

- Articulated Feet in Reinforced Polyamide Page R08
- Articulated Feet Gripper Page R21
- Articulated Feet in Steel Page R34
- Fixed Feet in Steel Page R41
- Threaded Bushings Page R42

**R00 - R43**

## **SELF-ALIGNING BEARINGS**

- Square Flange Bearing Units Page B04
- Oval Flange Bearing Units Page B14
- Pillow Block Type Bearing Units Page B22
- Compact Pillow Block Type Bearing Units Page B26
- Side Flange Bearing Units Page B28
- Take-up Bearing Units Page B36
- Round Flange Bearing Units Page B38

**B00 - B59**



## 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 and Italy, 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.

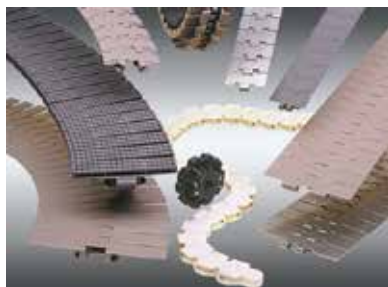
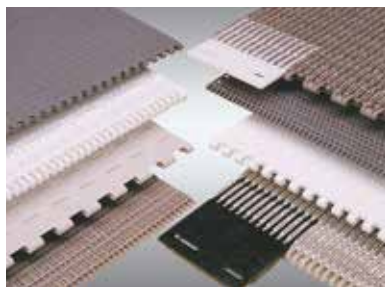


A wide range of products is also offered for blanchers, cookers, washers, coolers and processing lines in fruit, vegetables, bakery, confectionary etc. And many more products are available for the handling of packed food.



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

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



## Rexnord and MCC TableTop chains and MatTop belts

The product line can be split up into:



- Steel slatband chains

In various materials ranging from carbon steel to special stainless steel with better wear and sliding properties; types straight running, sideflexing tab, bevel and Magnetflex, with

and without rubber top.

- Plastic slatband chains

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



- Plate Top and Gripper chains

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

- Case conveyor and Multiflex chains

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



- Curves

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

in your applications with short delivery times.

- Modular belts

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



## Marbett conveyor components

The product line can be split up into:

- Chain guide components

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



- Product handling components

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

- Frame support components

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



- Supporting and leveling elements

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

- Self-aligning bearings

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



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

## **CHAIN GUIDE COMPONENTS**

Chain Guide Profiles Page S002

Roller Guides for Chain Return Page S027

Serpentine Guides for Chain Return Page S036

Plugs for Connection Page S042



## **PRODUCT HANDLING COMPONENTS**

Product-Guides Page S043

Guide-Rail Clamps Page S086

Guide-Rail Brackets Page S102

Connecting Clamps Page S118



## FRAME SUPPORT COMPONENTS

Side Mounting top Brackets Page S122

Bearing Heads Page S124

Support Bases Page S126

Connecting Joints Page S180

Support Heads (Stainless steel) Page S130

Connecting Joints (Stainless steel) Page S134



## MISCELLANEOUS COMPONENTS

Line Control Elements Page S136

Hinges Page S140

Locks Page S142

Tightening Elements Page S143

Modular transfer roller plate Page S146

Modular Nose-Over Bar Page S150

Shaft collars Page S152

Winding Tensioners Page S154

Side Guide Adjustment Page S156



## TECHNICAL INFORMATION

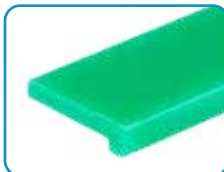
Technical information Page S162

**Chain  
Guide  
Profiles**


**Part. S0262** - Pag. S002  
Chain guide profile.



**Part. S0241** - Pag. S003  
Chain guide profile.



**Part. S0243** - Pag. S003  
Chain guide profile.



**Part. S0822** - Pag. S004  
Chain guide profile.



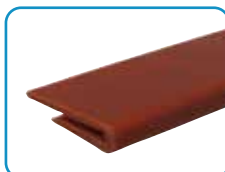
**Part. S0825** - Pag. S004  
Chain guide profile.



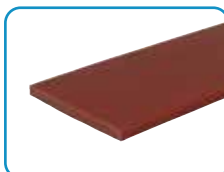
**Part. S0251** - Pag. S005  
Chain guide profile.



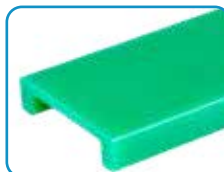
**Part. S0261** - Pag. S005  
Chain guide profile.



**Part. S0840** - Pag. S006  
Chain guide profile.



**Part. S0244** - Pag. S006  
Chain guide profile.



**Part. S0784** - Pag. S007  
Chain guide profile.



**Part. S0362** - Pag. S007  
Chain guide profile.



**Part. S0387** - Pag. S008  
Chain guide profile.



**Part. S0634** - Pag. S010  
Chain guide profile.



**Part. S0814** - Pag. S010  
Chain guide profile.



**Part. S0674** - Pag. S011  
Chain guide profile.



**Part. S0422** - Pag. S012  
Chain guide profile.



**Part. S0369** - Pag. S012  
Connecting bar for  
Part. S0422.



**Part. S0885** - Pag. S013  
Chain guide profile.



**Part. S0366** - Pag. S014  
Chain guide profile.



**Part. S0367** - Pag. S014  
Chain guide profile.



**Part. S0368** - Pag. S015  
Chain guide profile.



**Part. S0885** - Pag. S015  
Chain guide profile.



**Part. S0858** - Pag. S016  
Hinge Joint.



**Part. S0371** - Pag. S017  
Mounting block for  
Part. S0366-S0367-S0368.



**Part. S0550** - Pag. S018  
Chain inlet guide for  
Part. S0367.



**Part. S0768** - Pag. S020  
Chain guide profile.



**Part. S0767** - Pag. S020  
Chain guide profile.



**Part. S0356** - Pag. S021  
Chain guide profile.



**Part. S0765** - Pag. S021  
Chain guide profile.



**Part. S0766** - Pag. S022  
Chain guide profile  
for modular chains.



**Part. S0223** - Pag. S023  
Chain guide profile for  
roller chain ANSI 60.



**Part. S0903** - Pag. S024  
ViseClamp™.



**Part. S0902** - Pag. S024  
ViseSplice™.



**Part. S0215** - Pag. S025  
Clamp.



**Part. S0275** - Pag. S025  
Clamp.

## Roller for Chain Return



**Part. S0153** - Pag. S027  
Snap-on wear shoe.



**Part. S0073** - Pag. S028  
Roller  $\varnothing$  42,5 mm. For K82,5.  
For K82,5/pitch 83,5-88.



**Part. S0126** - Pag. S028  
Distance gear.



**Part. S0421** - Pag. S029  
Roller  $\varnothing$  42,5 mm. Multiple strands K82,5 / pitch 83,5.



**Part. S0826** - Pag. S031  
Roller.



**Part. S0827** - Pag. S031  
Guide flange.



**Part. S0782** - Pag. S030  
Double roller.  
 $\varnothing$  50 mm.



**Part. S0556** - Pag. S032  
Roller  $\varnothing$  60 mm. For K82,5. Multiple strand K82,5 / pitch 83,5-88.



**Part. S0554** - Pag. S032  
Roller  $\varnothing$  60 mm. Multiple strands K82,5/pich 83,5-85.



**Part. S0614** - Pag. S033  
Roller  $\varnothing$  60 mm. For K82,5. Multiple strand K82,5 / pitch 83,5-88.



**Part. S0613** - Pag. S033  
Roller  $\varnothing$  60 mm. Multiple strand K82,5/pitch 83,5-85.



**Part. S0758** - Pag. S034  
Double roller.  
 $\varnothing$  60 mm.



**Part. S0555** - Pag. S034  
Guiding flange for part. S0554-S0613-S0657-S0758.



**Part. S0657** - Pag. S035  
Roller  $\varnothing$  60 mm. Multiple strand K82,5 / pitch 85.

## Serpentine Guides for Chain Return



**Part. S0729** - Pag. S036  
Chain return guide.



**Part. S0524** - Pag. S036  
Sliding profile.



**Part. S0523** - Pag. S037  
Spacer.



**Part. S0533** - Pag. S039  
Striker.

## Expansion Plugs



**Part. S0565** - Pag. S042  
Expansion plug for tubes  
ø 18-20 mm.

## Product Guides



**Part. S0771** - Pag. S043  
Overhead transport PET  
bottles.



**Part. S0594** - Pag. S045  
Overhead transport PET  
bottles.



**Part. S0654** - Pag. S045  
Overhead transport PET  
bottles.



**Part. S0715** - Pag. S045  
Side guide. Delicate  
containers (PET empty).



**Part. S0308** - Pag. S046  
Overhead transport PET  
bottles.



**Part. S0317** - Pag. S048  
Half-round guide rail. Delicate  
containers (PET empty).



**Part. S0223** - Pag. S048  
Flat guide rail. Middle  
delicate containers (PET full).



**Part. S0219** - Pag. S049  
Round guide rail. Middle  
strong containers (glass).



**Part. S0247** - Pag. S049  
Round guide rail. Middle  
strong containers (glass).



**Part. S0346** - Pag. S050  
Half-round guide rail.  
Low side load (brick).



**Part. S0770** - Pag. S051  
Flat guide rail.  
Rugged containers.



**Part. S0768** - Pag. S052  
Flat guide rail.  
Rugged containers.



**Part. S0767** - Pag. S052  
Flat guide rail.  
Rugged containers.



**Part. S0273** - Pag. S053  
Flat guide rail.  
Rugged containers.



**Part. S0765** - Pag. S053  
Extra flat guide rail.



**Part. S0422** - Pag. S054  
Extra flat guide rail.  
Rugged containers.



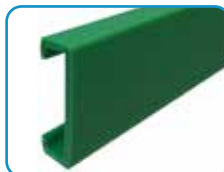
**Part. S0369** - Pag. S054  
Connecting bar for  
Part. S0754-S0755-S0756-  
S0757-S0656.



**Part. S0643** - Pag. S056  
Metal profile for  
Part. S0642.  
In aluminium



**Part. S0645** - Pag. S057  
Profile for round steel rods.



**Part. S0539** - Pag. S057  
Extra flat guide rail. Assembly  
with 40x8 mm plate.



**Part. S0191-S0296** - Pag. S058  
Extra large guide rail.  
Assembly with 60x6 mm plate.



**Part. S0378-S0379** - Pag. S059  
Joint clamp for  
Part. S0191-S0296.



**Part. S0581** - Pag. S060  
Roller side guide.  
Thin-walled containers.



**Part. S0581** - Pag. S061  
Roller side guide.  
Thin-walled containers.



**Part. S0580** - Pag. S062  
Roller side guide.  
Medium strength containers.



**Part. S0557** - Pag. S062  
Roller centre guide.  
Medium strength containers.



**Part. S0570** - Pag. S063  
Divider module for  
Part. S0557.



**Part. S0580** - Pag. S064  
Roller side guide.  
Medium strength containers.



**Part. S0537** - Pag. S065  
Metal profile 40x8.



**Part. S0535** - Pag. S065  
Bolts set for Part. S0535.



**Part. S0757** - Pag. S066  
Roller side guides with  
cylinder rollers, in aluminium.



**Part. S0755** - Pag. S067  
Centre guides with cylinder rollers, in aluminium.



**Part. S0757** - Pag. S068  
Roller side guides with cylinder rollers, in aluminium.



**Part. S0755** - Pag. S069  
Centre guides with cylinder rollers, in aluminium.



**Part. S0868** - Pag. S070  
Roller side guides with cylinder rollers, in aluminium.



**Part. S0869** - Pag. S071  
Centre guides with cylinder rollers, in aluminium.



**Part. S0868** - Pag. S072  
Roller side guides with cylinder rollers, in aluminium.



**Part. S0869** - Pag. S073  
Centre guides with cylinder rollers, in aluminium.



**Part. S0756** - Pag. S074  
Pearl™ roller side guide in aluminium.



**Part. S0754** - Pag. S075  
Pearl™ roller centre guide in aluminium.



**Part. S0756** - Pag. S076  
Pearl™ roller side guide in aluminium.



**Part. S0856** - Pag. S078  
Roller side guides in aluminium.



**Part. S0857** - Pag. S079  
Roller centre guides in aluminium.



**Part. S0852** - Pag. S081  
Separation Block.



**Part. S0854** - Pag. S081  
Separation Block.



**Part. S0760** - Pag. S080  
Separation Block.



**Part. S0128S** - Pag. S082  
Sideflexing Roller side guide. Rugged containers.



**Part. S0128** - Pag. S082  
Roller side guide. Rugged containers.



**Part. S0128** - Pag. S082  
Roller side guide. Rugged containers.



**Part. S0128** - Pag. S085  
Roller side guide. Rugged containers.



**Part. S0218** - Pag. S085  
Guide rail bending machine (manual).

## Guide Rail Clamps



**Part. S0210P** - Pag. S086  
Guide rail clamp.



**Part. S0275** - Pag. S087  
Guide rail clamp.



**Part. S0211** - Pag. S087  
Guide rail clamp  
(adjustable).



**Part. S0213** - Pag. S088  
Guide rail clamp  
(double).



**Part. S0213** - Pag. S088  
Guide rail clamp  
(double).



**Part. S0736-S0737-S0738**  
Pag. S089  
Sliding joint clamp.



**Part. S0903** - Pag. S091  
ViseClamp™.



**Part. S0215** - Pag. S091  
Guide rail clamp.



**Part. S0694** - Pag. S090  
Guide rail clamp  
with two fixing screw.



**Part. S0217** - Pag. S090  
Guide rail clamp  
(double).



**Part. S0237** - Pag. S092  
Guide rail clamp  
(adjustable).



**Part. S0082P** - Pag. S094  
Guide rail clamp.



**Part. S0159-S0437** - Pag. S095  
Guide rail clamp  
(adjustable).



**Part. S0071** - Pag. S096  
Guide rail clamp  
(double).



**Part. S0070** - Pag. S096  
Guide rail clamp  
(double).



**Part. S0698** - Pag. S097  
Guide rail clamp  
with two fixing screws.



**Part. S0662** - Pag. S097  
Guide rail clamp.



**Part. S0050** - Pag. S098  
Guide rail clamp  
(double).



**Part. S0190** - Pag. S100  
Guide rail clamp.



**Part. S0184** - Pag. S100  
Guide rail clamp.



**Part. S0298** - Pag. S101  
Guide rail clamp.



**Part. S0298** - Pag. S101  
Guide rail clamp.

## Guide- Rail Brackets



**Part. S0708** - Pag. S102  
Bracket with eyebolt.



**Part. S0107** - Pag. S103  
Bracket with eyebolt.



**Part. S0617** - Pag. S103  
Bracket with eyebolt.



**Part. S0140** - Pag. S104  
Bracket with eyebolt.



**Part. S0632** - Pag. S105  
Adjustable bracket.



**Part. S0637** - Pag. S106  
Adjustable bracket.



**Part. S0862** - Pag. S107  
Swivel head.



**Part. S0256** - Pag. S107  
Swivel head.



**Part. S0192** - Pag. S108  
Swivel head.



**Part. S0061** - Pag. S110  
Spacer.



**Part. S0725** - Pag. S111  
Spacer.



**Part. S0226-S0336** - Pag. S112  
Drip tray support.  
Straight Rod.



**Part. S0338** - Pag. S113  
Mounting plate for  
Part. S0226-S0336.



**Part. S0699** - Pag. S115  
Side bracket.



**Part. S0692** - Pag. S114  
Side bracket.



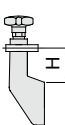
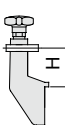
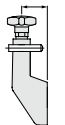
**Part. S0661** - Pag. S116  
Cross clamp.



**Part. S0732** - Pag. S116  
Cross clamp  
with Quick-Set.



**Part. S0763** - Pag. S117  
T-clamp with eyebolt,  
with knob.

| Adjustable Brackets Part.             | Fixed Brackets Part. |  |  |  |
|---------------------------------------|----------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| S0704+S0192 (S0699+S0192)             | -                    | 42,5                                                                                  | 35,5                                                                                  | 52 (128)                                                                              |
| -                                     | S0708                | 42,5                                                                                  | -                                                                                     | 67,5                                                                                  |
| S0704+S0192 (S0699+S0192)             | -                    | 60                                                                                    | 53                                                                                    | 52 (128)                                                                              |
| -                                     | S0081-S0088          | -                                                                                     | 58                                                                                    | 36                                                                                    |
| -                                     | S0705                | 61                                                                                    | 61                                                                                    | 31                                                                                    |
| -                                     | S0107                | -                                                                                     | 64,5                                                                                  | 45                                                                                    |
| -                                     | S0708                | 64,5                                                                                  | -                                                                                     | 67,5                                                                                  |
| S0682-S0677                           | -                    | 67                                                                                    | -                                                                                     | 65                                                                                    |
| -                                     | S0072-S0089          | 67                                                                                    | -                                                                                     | 42,8                                                                                  |
| S0635-S0637-S0638 (S0650-S0652-S0653) | -                    | 68                                                                                    | -                                                                                     | 64 (48)                                                                               |
| -                                     | S0599                | 68                                                                                    | -                                                                                     | 64                                                                                    |
| S0679                                 | -                    | 70                                                                                    | -                                                                                     | 65                                                                                    |
| S0704+S0192 (S0699+S0192)             | -                    | 80                                                                                    | 73                                                                                    | 52 (128)                                                                              |
| -                                     | S0140                | 81                                                                                    | -                                                                                     | 50                                                                                    |
| -                                     | S0085                | 84,5                                                                                  | -                                                                                     | 42                                                                                    |
| S0636 (S0651)                         | -                    | 86                                                                                    | -                                                                                     | 64 (48)                                                                               |
| -                                     | S0097-S0010          | 86                                                                                    | -                                                                                     | 42                                                                                    |
| -                                     | S0617                | 87                                                                                    | -                                                                                     | 49                                                                                    |
| S0679                                 | -                    | 87,5                                                                                  | -                                                                                     | 65                                                                                    |
| S0542-S0543-S0544                     | -                    | 90                                                                                    | 86                                                                                    | 51                                                                                    |
| S0681                                 | -                    | 105,5                                                                                 | -                                                                                     | 65                                                                                    |
| S0679                                 | -                    | 107,5                                                                                 | -                                                                                     | 65                                                                                    |
| S0541                                 | -                    | 108                                                                                   | 104                                                                                   | 51                                                                                    |
| S0704+S0192 (S0699+S0192)             | -                    | 110                                                                                   | 103                                                                                   | 52 (128)                                                                              |
| S0681                                 | -                    | 123                                                                                   | -                                                                                     | 65                                                                                    |
| S0679                                 | -                    | 137,5                                                                                 | -                                                                                     | 65                                                                                    |
| S0681                                 | -                    | 143                                                                                   | -                                                                                     | 65                                                                                    |
| S0704+S0192 (S0699+S0192)             | -                    | 150                                                                                   | 143                                                                                   | 52 (128)                                                                              |
| S0681                                 | -                    | 173                                                                                   | -                                                                                     | 65                                                                                    |
| S0679                                 | -                    | 177,5                                                                                 | -                                                                                     | 65                                                                                    |
| S0681                                 | -                    | 213                                                                                   | -                                                                                     | 65                                                                                    |

P = to increase the distance use the proper spacer

### ***Connecting Clamps***



**Part. S0340** - Pag. S118  
Cross clamp.  
Round and square holes.



**Part. S0174** - Pag. S118  
Cross clamp. Round hole.



**Part. S0339** - Pag. S120  
T clamp.



**Part. S0786** - Pag. S121  
Cross clamp.



**Part. S0786** - Pag. S121  
Cross Clamp,  
with knob.

**Side  
Mounting  
top Brackets**


**Part. S0199** - Pag. S122  
Side mounting top bracket for  
tubes ø 48,3-50,8 square 38-40.



**Part. S0685** - Pag. S135  
Side mounting top bracket  
for tubes ø 48,3-50,8-60,3.

**Bearing  
Heads**


**Part. S0198** - Pag. S124  
Bearing head for tubes  
ø 48,3-50,8 square 38-40.



**Part. S0280** - Pag. S125  
Bearing head for tubes  
ø 48,3-50,8-60,3.

**Support  
Bases**


**Part. S0615** - Pag. S126  
Support base for tubes  
ø 38,1-42,4-48,3-50,8-60,3.



**Part. S0618** - Pag. S127  
Support base for tubes  
ø 38,1-42,4-48,3-50,8-60,3.



**Part. S0611** - Pag. S127  
Support base for tubes  
square 40-50-60.



**Part. S0619** - Pag. S128  
Support base for tubes  
ø 42,4-48,3-50,8-60,3.



**Part. S0616** - Pag. S129  
Support base for tubes  
ø 42,4-48,3-50,8-60,3.

**Connecting  
Joints**


**Part. S0562** - Pag. S130  
Connecting joint for tubes  
ø 33,7-38,1-42,4-48,3.



**Part. S0563** - Pag. S130  
Connecting joint for tubes  
ø 50,8-60,3.



**Part. S0137** - Pag. S132  
Connecting joint for tubes  
ø 48,3-60,3.



**Part. S0686** - Pag. S134  
Connecting joint for tubes  
ø 48,3.

## Line Control Elements



**Part. S0342** - Pag. S136  
Assembly kit for photocells or sensors



**Part. S0341** - Pag. S136  
Assembly kit for photocells or sensors



**Part. S0372** - Pag. S138  
Universal clamp for photocells or reflectors.



**Part. S0518** - Pag. S139  
Control contact lever.

## Hinges and Locks



**Part. S0337** - Pag. S140  
270° hinge.



**Part. S0260** - Pag. S140  
170° hinge.



**Part. S0272** - Pag. S142  
Lock.

## Tightening Elements



**Part. S0303** - Pag. S143  
Ratchet handle clamping.



**Part. S0182** - Pag. S144  
Tightening knob.



**Part. S0183** - Pag. S144  
Tightening knob.



**Part. S0185** - Pag. S145  
Tightening knob.

## Modular transfer roller plate



**Part. S0846** - Pag. S148  
End transfer module (with lip).



**Part. S0847** - Pag. S148  
End transfer module (with lip).



**Part. S0848** - Pag. S148  
End transfer module (with lip).



**Part. S0849** - Pag. S148  
End transfer module.



**Part. S0850** - Pag. S148  
Assembly bar.



**Part. S0864** - Pag. S148  
L Profile.



**Part. S0567** - Pag. S146  
End transfer module (with lip).



**Part. S0672** - Pag. S146  
End transfer module (with lip).



**Part. S0569** - Pag. S147  
End transfer module.



**Part. S0568** - Pag. S147  
Centre transfer module.



**Part. S0063-S0095**  
Pag. S083  
Roller.

## Modular Nose-Over Bar



**Part. S0905** - Pag. S150  
Dynamic "Nose-Over"  
bar standard profile.



**Part. S0905** - Pag. S151  
Modular "Nose-Over"  
bar standard profile.



**Part. S0905** - Pag. S151  
Modular "Nose-Over"  
bar low profile.

## Shaft collars



**Part. S0612** - Pag. S152  
Split shaft collar  
(with round bore).



**Part. S0612** - Pag. S153  
Split shaft collar  
(with square bore).

## Winding Tensioners



**Part. S0075** - Pag. S154  
Winding tensioner.

## Side Guide Adjustment

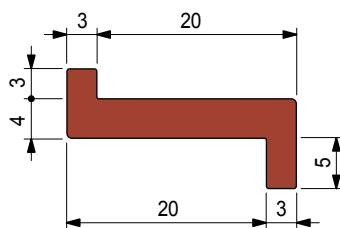


**Part. S0837** - Pag. S156  
Side Guide Adjustment.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## Part. S0262

### Chain - guide profile



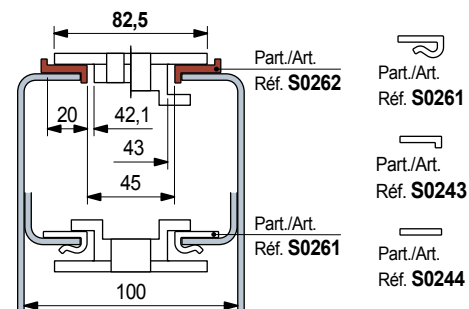
| Material<br>UHMWPE | Packaging<br>metres | Code            |
|--------------------|---------------------|-----------------|
| ULF™ brown red     | 45                  | <b>UL640913</b> |
| Black              | 45                  | <b>63651</b>    |

- Standard packaging: coil.

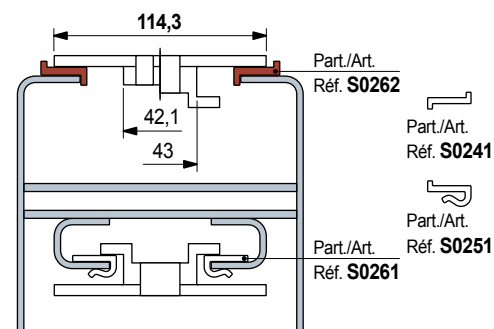
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

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

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



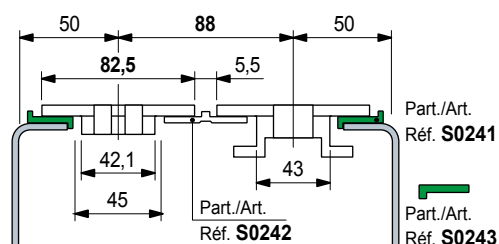
Chain width 114,3 mm (K 450)



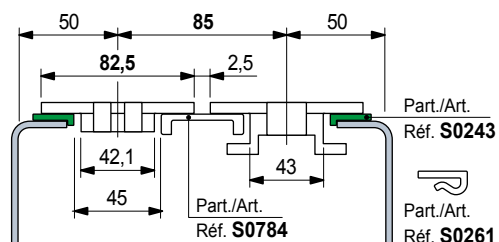
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

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

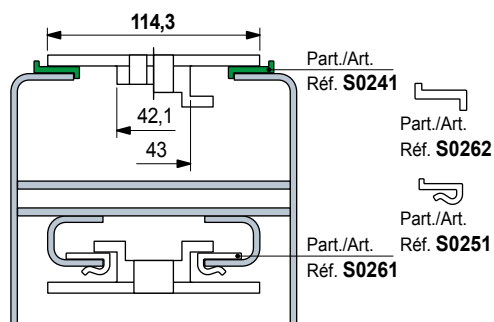
Chain width 82,5 mm (K 325) / Pitch 88 mm



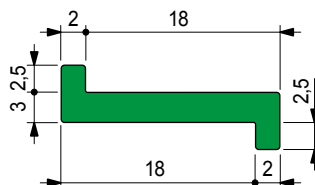
Chain width 82,5 mm (K 325) / Pitch 85 mm



Chain width 114,3 mm (K 450)



## Chain - guide profile



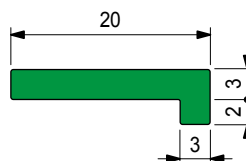
## Part. S0241



| Material UHMWPE | Packaging metres | Code         |
|-----------------|------------------|--------------|
| Green           | 80               | <b>63641</b> |

- Standard packaging: coil.

## Chain - guide profile



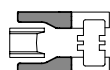
## Part. S0243



| Material UHMWPE | Packaging metres | Code         |
|-----------------|------------------|--------------|
| Green           | 90               | <b>63701</b> |

- Standard packaging: coil.

- Accessories:

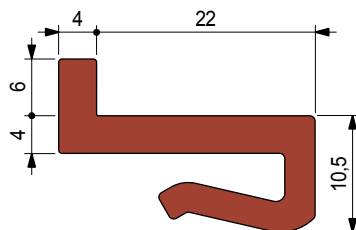


Chain inlet guide shoe side Part. S0551.

## Part. S0822



### Chain - guide profile

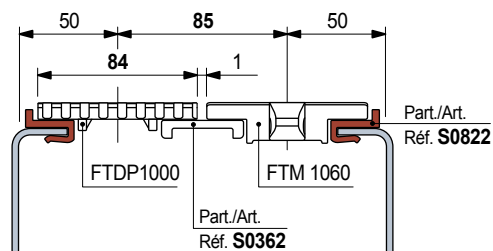


| Material<br>UHMWPE | Length<br>metres | Code            |
|--------------------|------------------|-----------------|
| ULF™ brown red     | 6                | <b>UL642623</b> |
| Green              | 3                | <b>632713</b>   |

- Applicable to 2,5 to 3,5 mm thick sheet metal.
- Can be used in combination with Part. S0362.
- Packaging: 48 metres.

- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ }^{\circ}\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

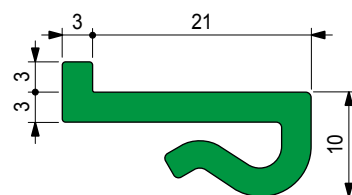
Chain width 84 mm Pitch 85 mm



## Part. S0825



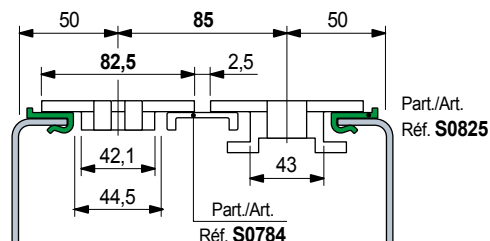
### Chain - guide profile



| Material<br>UHMWPE | Packaging<br>metres | Code             |
|--------------------|---------------------|------------------|
| Green              | 40                  | <b>632033</b>    |
| ULF                |                     | <b>UL654513U</b> |

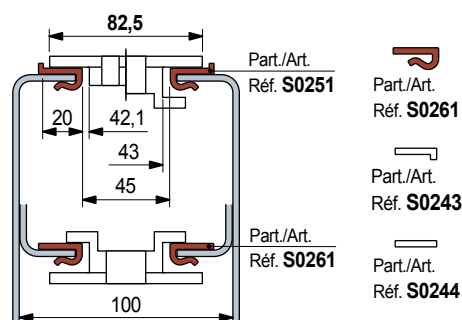
- Applicable to 2,5 to 3,5 mm thick sheet metal.
- Can be used in combination with Part. S0784.
- Standard packaging: coil.

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

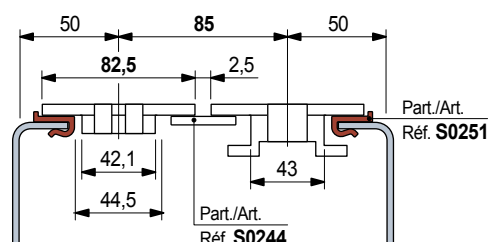


- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

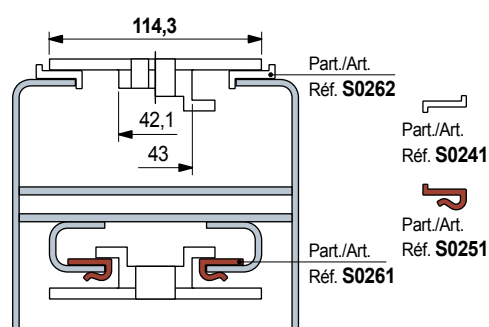
Chain width 82,5 mm (K 325) / Guide clearance 45 mm



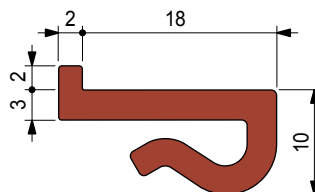
Chain width 82,5 mm (K 325) / Pitch 85 mm



Chain width 114,3 mm (K 450)



## Chain - guide profile



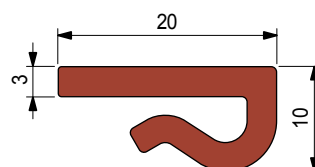
## Part. S0251



| Material<br>UHMWPE | Packaging<br>metres | Code     |
|--------------------|---------------------|----------|
| ULF™ brown red     | 40                  | UL642553 |
| Green              | 40                  | 63631    |

- Applicable to 2,5 to 3,5 mm thick sheet metal.
- Standard packaging: coil.

## Chain - guide profile

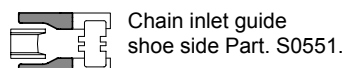


## Part. S0261



| Material<br>UHMWPE | Packaging<br>metres | Code      |
|--------------------|---------------------|-----------|
| ULF™ brown red     | 40                  | UL634533N |
| Green              | 40                  | 65681     |

- Applicable to 2,5 to 3,5 mm thick sheet metal.
- Standard packaging: coil.
- Accessories:

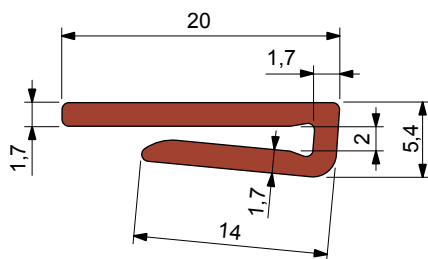


Chain inlet guide shoe side Part. S0551.

## Part. S0840



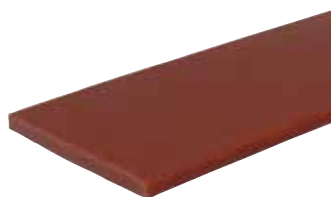
### Chain - guide profile



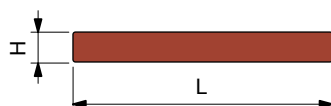
| Material       | Packaging | Code            |
|----------------|-----------|-----------------|
| UHMWPE         | metres    |                 |
| ULF™ brown red | 40        | <b>UL642693</b> |

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

## Part. S0244

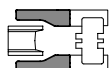


### Chain - guide profile



| Material | L x H  | Packaging | Code         |
|----------|--------|-----------|--------------|
| UHMWPE   | mm     | metres    |              |
| Green    | 40 x 3 | 60        | <b>63661</b> |

- Standard packaging: coil.
- Accessories:



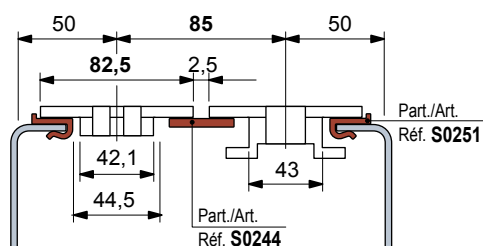
Chain inlet guide shoe side Part. S0551.

- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ }^{\circ}\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

- ZeroGap™ chains series 1775

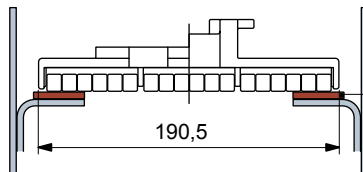


Chain width 82,5 mm (K 325) / Pitch 85 mm

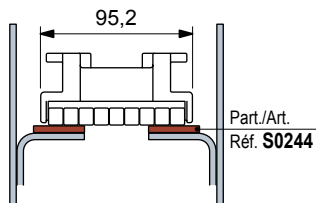


- **Low backline pressure chains series SLBP 882 TAB - SLBP 821**

Chain width 190,5 mm (K 750)

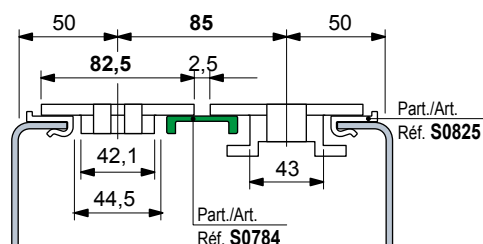


Chain width 95,2 mm (K 375)

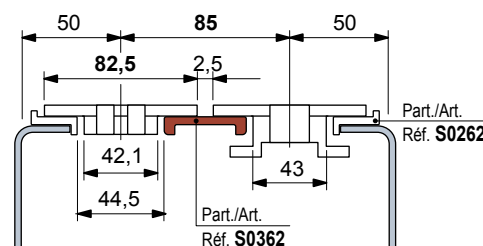


- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

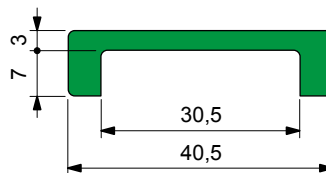
Chain width 82,5 mm (K 325) / Pitch 85 mm



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



## Chain - guide profile



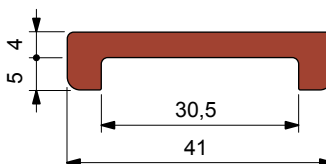
| Material | Length | Code   |
|----------|--------|--------|
| UHMWPE   | metres |        |
| Green    | 3      | 620513 |

- Packaging: 48 metres.

## Part. S0784



## Chain - guide profile



| Material       | Length | Code     |
|----------------|--------|----------|
| UHMWPE         | metres |          |
| ULF™ brown red | 3      | UL635293 |
| Green          | 6      | 67435    |

- Packaging: 48 metres.

## Part. S0362

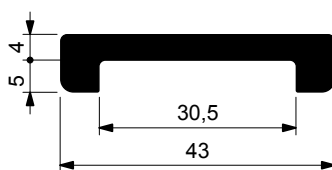


## Part. S0387

### Chain - guide profile



Reinforced version



| Material | Length | Code   |
|----------|--------|--------|
| UHMWPE   | metres |        |
| Black    | 3      | 694351 |

- Can be used in combination with Part. S0386.
- Packaging: 48 metres.

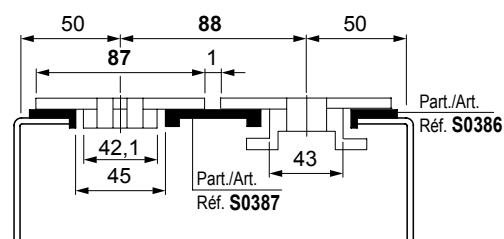
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

### 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).

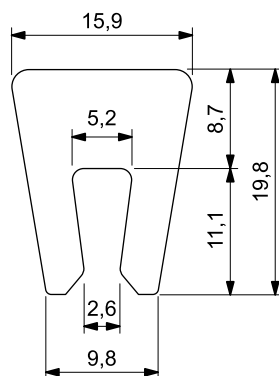


[illegible]

## Part. S0634



### Chain - guide profile



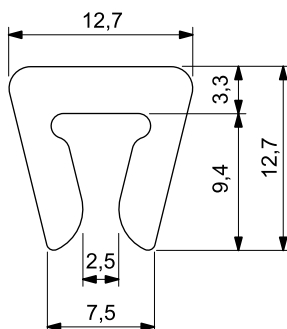
| Material<br>UHMWPE | Length<br>metres | Code   |
|--------------------|------------------|--------|
| White              | 3                | 634073 |
|                    | 6                | 650962 |

- Applicable to 4 mm thick sheet metal.
- Packaging: 48 metres.

## Part. S0814



### Chain - guide profile



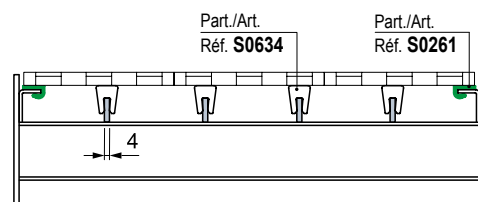
| Material<br>UHMWPE | Packaging<br>metres | Code   |
|--------------------|---------------------|--------|
| White              | 30                  | 629163 |

- Applicable to 3 to 4 mm thick sheet metal.
- Standard packaging: coil.

- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

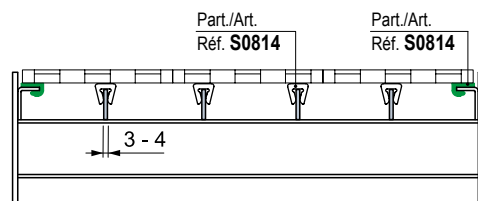
### MatTop® modular chains

Parallel wear strips.  
Recommended with mediumlight loads.



### MatTop® modular chains

Parallel wear strips.  
Recommended with mediumlight loads.



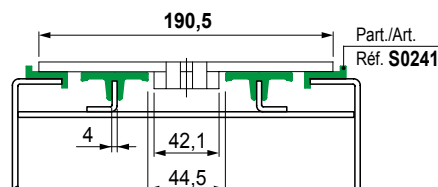
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

- **Use of part. S0742**  
Ideal with TableTop® chains width 114,3 mm (K450).

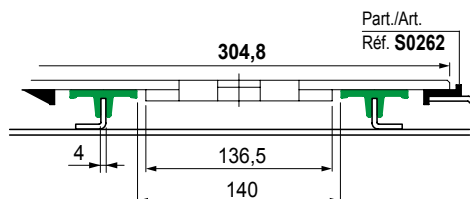
Chain width 114,3 mm (K 450).

- **Use of part. S0674**  
Ideal as intermediate support for wide chains.

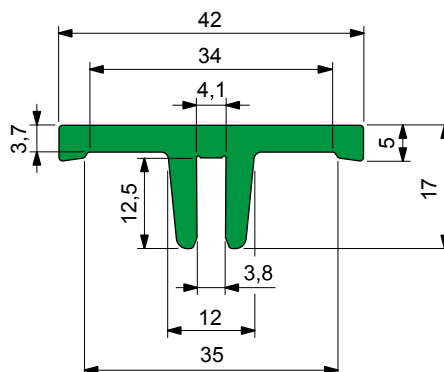
TableTop® chains series 820 width 190,5 (K750).



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



## Chain - guide profile



| Material | Length | Code   |
|----------|--------|--------|
| UHMWPE   | metres |        |
| Green    | 3      | 675792 |

- Applicable to 4 mm thick sheet metal.
- Packaging: 24 metres.

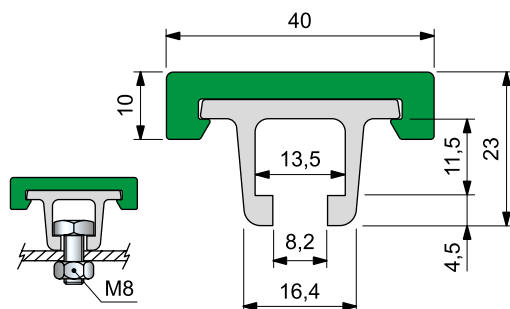
## Part. S0674



## Part. S0422



### Chain - guide profile



Assembly with M8 hexagon bolt

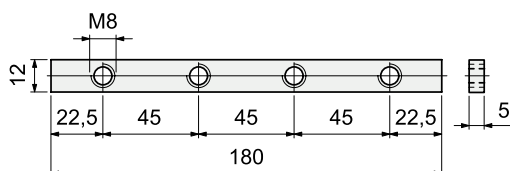
| Metal profile material | Length metres | Code   | Weight kg/m |
|------------------------|---------------|--------|-------------|
| Anodized aluminium     | 3             | 65248M | 0,70        |
|                        | 6             | 65258M |             |

- Colour: green.
- Standard packaging: the plastic and metal profiles are supplied assembled.
- Packaging: 24 metres.

## Part. S0369



### Connecting bar

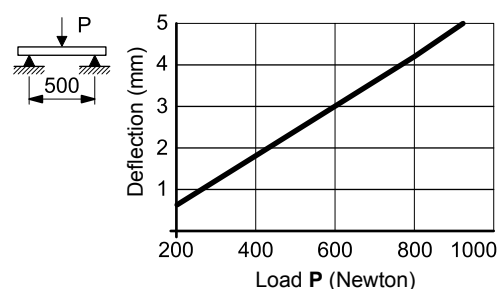


| Material          | Code  | Weight kg |
|-------------------|-------|-----------|
| Zinc plated steel | 69995 | 0,10      |

- Packaging: 8 pieces.

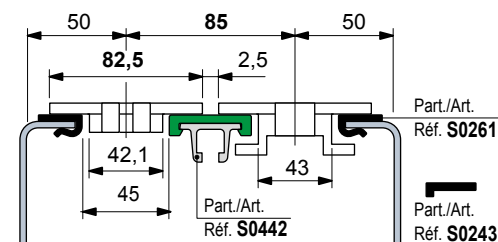
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

### Deflection

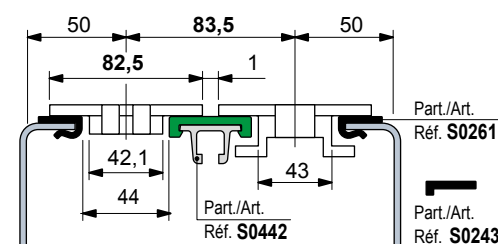


- **TableTop® chains** series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

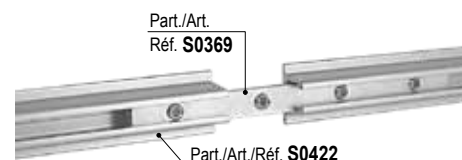
Chain width 82,5 mm (K 325) / Pitch 85 mm



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

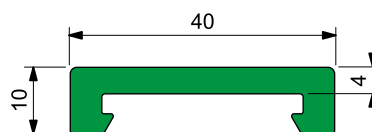


- **Assembly of Part. S0369**  
Insert the guides and tighten the set screws.



- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

## Chain - guide profile



## Part. S0885

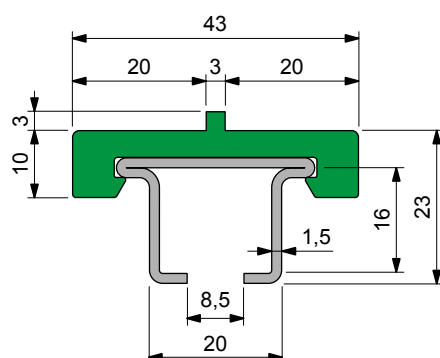
| Material<br>UHMWPE | Length<br>metres | Code  |
|--------------------|------------------|-------|
| Green              | 6                | 68309 |

- Can be used in combination with Part. S0884 - S0368.
- Packaging: 48 metres.

## Part. S0366



### Chain - guide profile



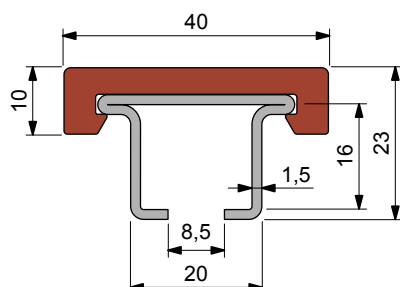
| Metal profile material     | Length metres | Code          | Weight kg/m |
|----------------------------|---------------|---------------|-------------|
| Austenitic stainless steel | 3             | <b>64056M</b> | 1,10        |

- Colour: green.
- Standard packaging: the plastic and metal profiles are supplied assembled.
- Packaging: 12 metres.

## Part. S0367



### Chain - guide profile

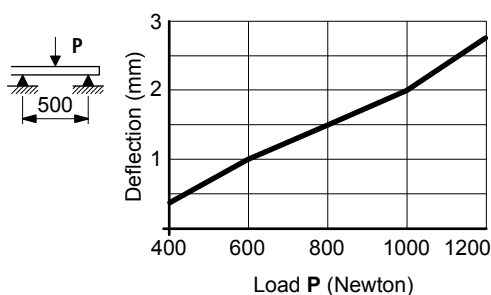


| Metal profile material     | Material UHMWPE | Length metres | Code           | Weight kg/m |
|----------------------------|-----------------|---------------|----------------|-------------|
| Austenitic stainless steel | Green           | 3             | <b>64046M</b>  | 1,10        |
|                            |                 | 6             | <b>69615M</b>  |             |
| Ferritic stainless steel   | Green           | 3             | <b>693272M</b> | 1,10        |
|                            |                 | 6             | <b>693282M</b> |             |

- Standard packaging: the plastic and metal profiles are supplied assembled.
- Packaging: 6 metres.
- Packaging: 3 metres.

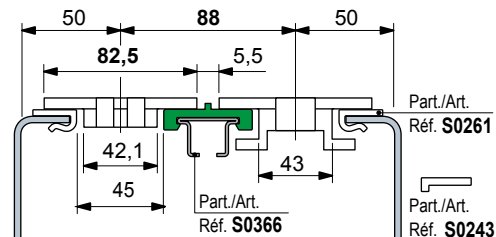
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

### Deflection of Part. S0366 - S0367 - S0368

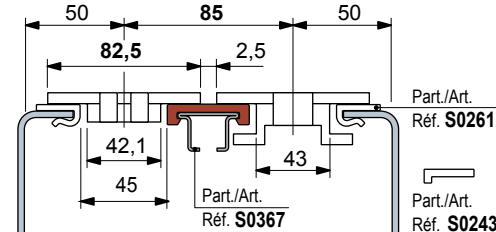


### TableTop® chains series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

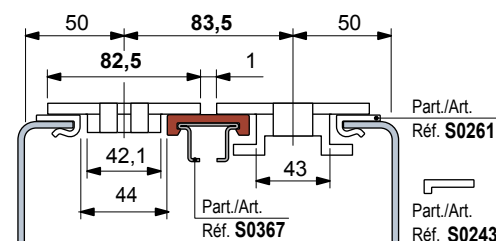
Chain width 82,5 mm (K 325) / Pitch 88 mm



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

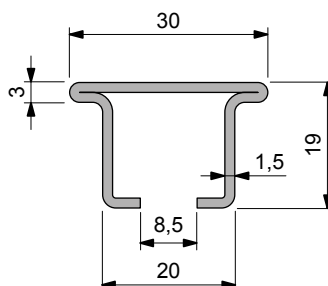


Chain width 82,5 mm (K 325) / Pitch 83,5 mm



- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

## Chain - guide profile



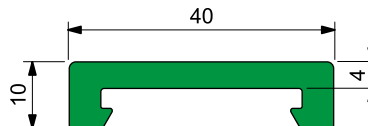
| Metal profile material     | Length metres | Code   | Weight kg/m |
|----------------------------|---------------|--------|-------------|
| Austenitic stainless steel | 3             | 64066  | 0,90        |
|                            | 6             | 69645  |             |
| Ferritic stainless steel   | 3             | 693292 |             |
|                            | 6             | 693302 |             |

- Use: recommended with MatTop® chains in abrasive environment / high speed / high temperature.
- Packaging: 18 metres (in 6 m length)
- Packaging: 12 metres (in 3 m length)

## Part. S0368



## Chain - guide profile



| Material UHMWPE | Length metres | Code  |
|-----------------|---------------|-------|
| Green           | 6             | 68309 |

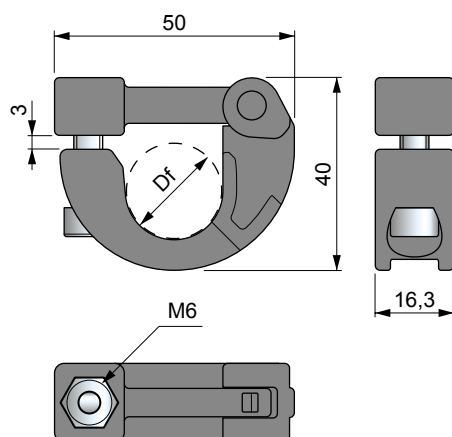
- Can be used in combination with Part. S0368 - S0884.
- Packaging: 48 metres.

## Part. S0885



## Part. S0858

### Hinge Joint



| Bore dia.<br>mm | Code          | Weight<br>kg |
|-----------------|---------------|--------------|
| ø 20            | <b>645493</b> | 0,03         |

- Use: easy assembly of wear strips on tubes rods dia. 20 mm.
- Material: clamp in reinforced polyamide PA FV (black).  
Bolts and nuts in austenitic stainless steel.
- Packaging: 50 pieces.

### • Use of Part S0858

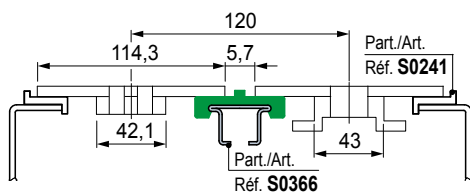
Assembly the chain guide profiles Part. S0366 - S0367 - S0368 on rods dia. 20 mm.



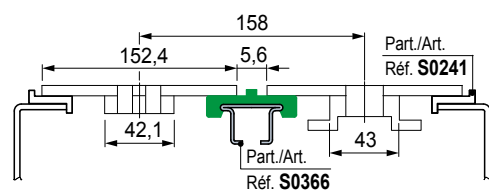
No more drilling holes to assemble the profile, possibility to easily adjust the position of the guide, standardization of the 20 mm rod already used for the chain return section (with rollers).



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



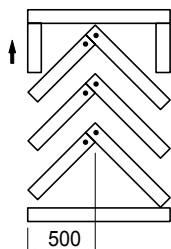
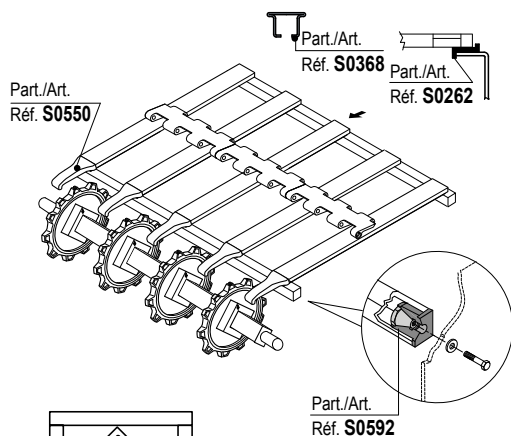
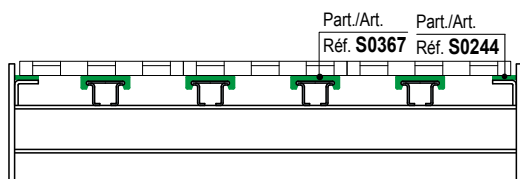
Chain width 152,4 mm (K 600) / Pitch 158 mm



## • MatTop® modular chains

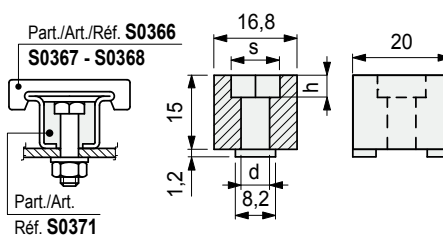
Parallel wear strips.

Recommended with medium light loads.



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

## ■ Mounting block



## Part. S0371



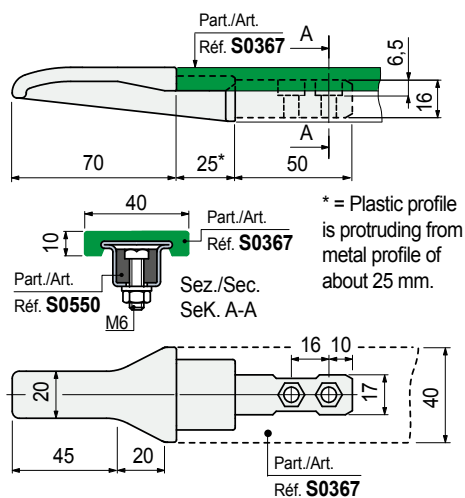
| d<br>mm             | h<br>mm | Hexagon<br>s<br>mm | Code  |
|---------------------|---------|--------------------|-------|
| 6,2 (for screws M6) | 4,5     | 10,2               | 64026 |
| 8,1 (for screws M8) | 6       | 13,2               | 61056 |

- Use: easy assembly of wear strips on frame.  
Assembly with M6 or M8 hexagon bolt.
- Material: reinforced polyamide PA FV (black).
- Packaging: 50 pieces.

## Part. S0550

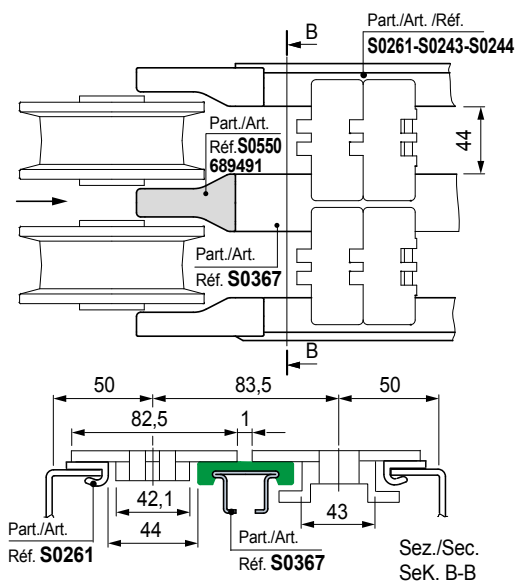


### Chain inlet guide shoe (centre)

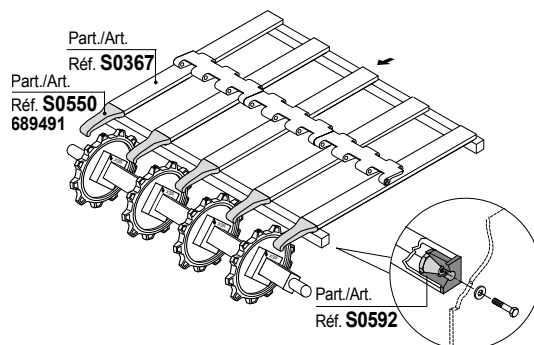


| Code   | Weight<br>kg |
|--------|--------------|
| 689491 | 0,042        |

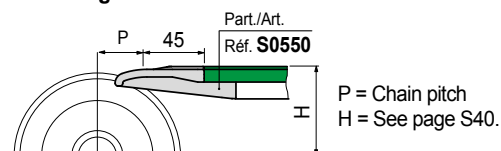
- Use: can be used in combination with Part. S0367.
- Material: polyamide PA (black).
- Packaging: 50 pieces.



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



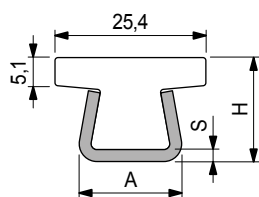
- Positioning



[illegible]

## Part. S0768

### Chain - guide profile



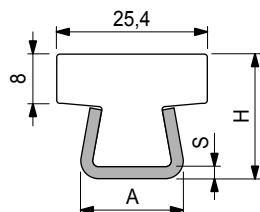
| S   | H    | A  |
|-----|------|----|
| mm  | mm   | mm |
| 1,5 | 17   | 16 |
| 2   | 17,5 | 17 |

| Thickness<br>S<br>mm | Metal<br>profile<br>material  | Length<br>metres | Code    | Weight<br>kg/m |
|----------------------|-------------------------------|------------------|---------|----------------|
| 1,5                  | Austenitic<br>stainless steel | 3                | 609083N | 0,63           |
| 2                    | Austenitic<br>stainless steel | 3                | 609113N | 0,74           |

- Colour: white.
- Min. curvature radius: 160 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ }^{\circ}\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres.

## Part. S0767

### Chain - guide profile



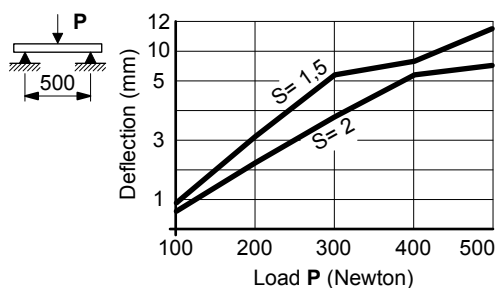
| S   | H    | A  |
|-----|------|----|
| mm  | mm   | mm |
| 1,5 | 20,5 | 16 |
| 2   | 21   | 17 |

| Thickness<br>S<br>mm | Metal<br>profile<br>material  | Length<br>metres | Code    | Weight<br>kg/m |
|----------------------|-------------------------------|------------------|---------|----------------|
| 2                    | Austenitic<br>stainless steel | 3                | 609063N | 0,82           |

- Colour: white.
- Min. curvature radius: 160 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ }^{\circ}\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres.

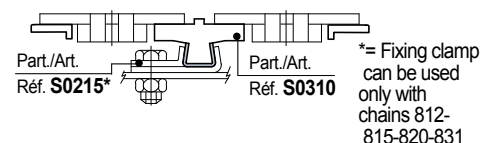
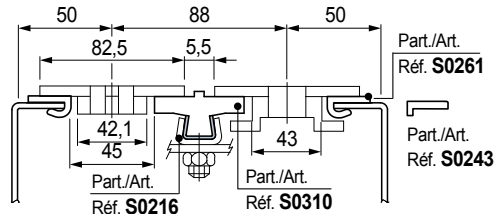
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Operating temperature White:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

### Deflection of Part. S0223 - S0310 - S0356

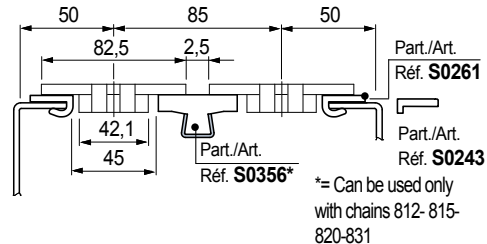


### TableTop® chains series 812 - 815 - 820 - 831 - 881TAB - 8811TAB - 879TAB - 880TAB

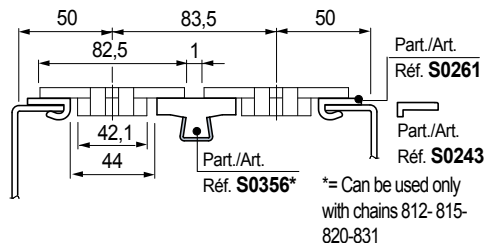
Chain width 82,5 mm (K 325) / Pitch 88 mm



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



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



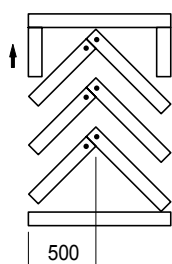
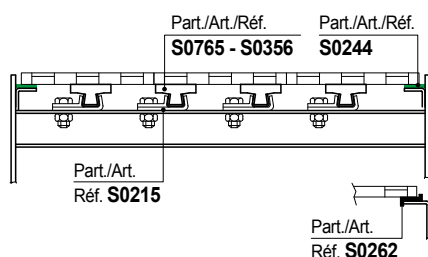
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Operating temperature White:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

## • 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.

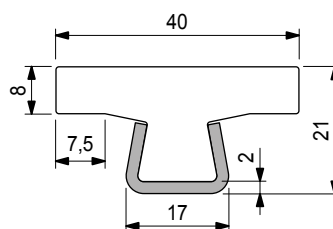
## • MatTop® modular chain

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



| Colour | Length metres | Code         | Weight kg/m |
|--------|---------------|--------------|-------------|
| White  | 3             | <b>61605</b> | 0,89        |
|        | 6             | <b>61615</b> |             |

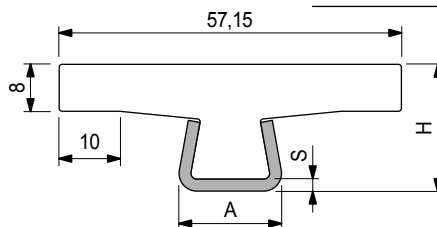
- Material: metal profile austenitic stainless steel.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres.

## Part. S0356



## Chain - guide profile

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



| Thickness S mm | Metal profile material     | Length metres | Code           | Weight kg/m |
|----------------|----------------------------|---------------|----------------|-------------|
| 1,5            | Austenitic stainless steel | 3             | <b>608943N</b> | 0,95        |
| 2              | Austenitic stainless steel | 6             | <b>608983N</b> | 1,06        |

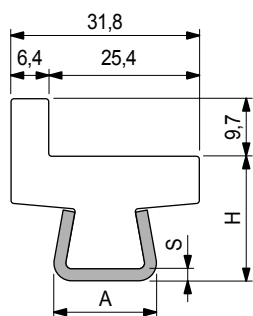
- Colour: white.
- Min. curvature radius: 200 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres.

## Part. S0765



## Part. S0766

### Chain - guide profile



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

| Thickness<br>S<br>mm | Metal<br>profile<br>material  | Length<br>metres | Code    | Weight<br>kg/m |
|----------------------|-------------------------------|------------------|---------|----------------|
| 2                    | Austenitic<br>stainless steel | 3                | 609013N | 0,93           |

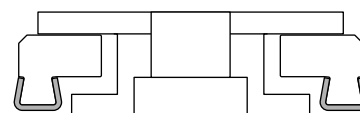
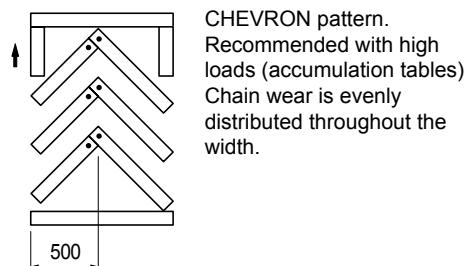
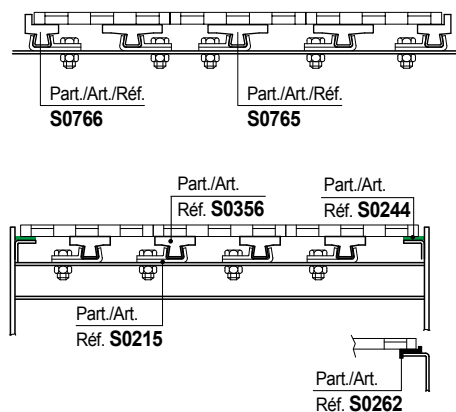
- Colour: white.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres.

- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Operating temperature White:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

- **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.

### • MatTop® modular chain

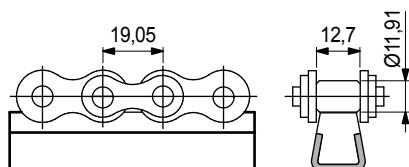
Parallel wear strip.  
Recommended with medium-light loads.



- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF™ brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Operating temperature White:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).
- **Operating temperature ULF™ brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF™ is FDA approved**  
Polyethylene ULF™ complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.
- **Coefficient of friction between chain POM and wearstrip ULF™:** 0,08.  
Note: for calculation of chain pull refer to Technical Support.
- **Position of guides.** See Technical information.

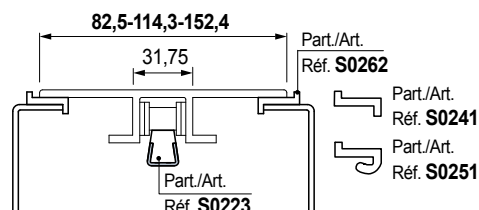
## • Use of Part. S0223

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

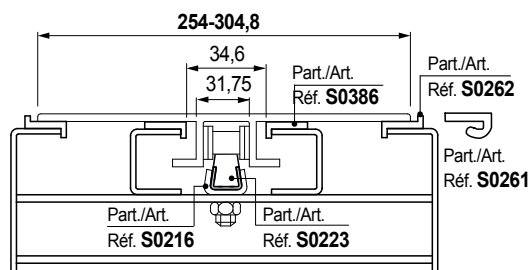


## • PlateTop chain series 1874 - 4874 - 1873

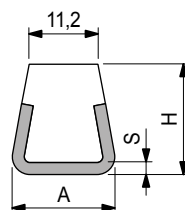
Chain width 82,5 mm (K325), 114,3 mm (K450), 152,4 mm (K600)



Chain width 254 mm (K1000), 304,8 mm (K1200)



## ■ Chain - guide profile



| S<br>mm | H<br>mm | A<br>mm |
|---------|---------|---------|
| 1,5     | 17,5    | 16      |
| 2       | 18      | 17      |

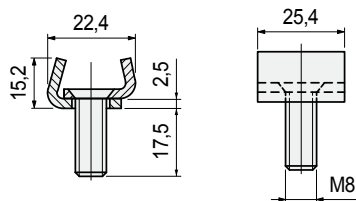


| Thickness<br>S<br>mm | Metal<br>profile<br>material  | Length<br>metres | Code  | Weight<br>kg/m |
|----------------------|-------------------------------|------------------|-------|----------------|
| 1,5                  | Austenitic<br>stainless steel | 3                | 61031 | 0,54           |
|                      | Zinc plated steel             | 3                | 63971 |                |

- Colour: white.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres

## Part. S0903

### ViseClamp™



Use

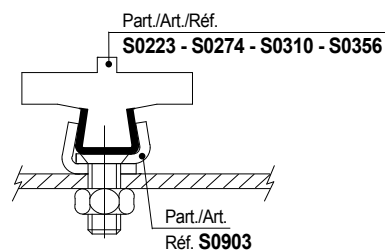
**Code**

For guides width S = 2

**656001N**

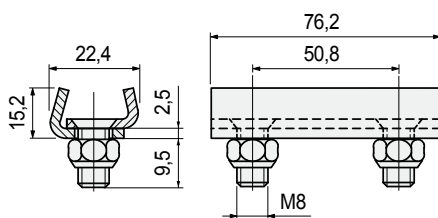
- Material: austenitic stainless steel.
- Packaging: 50 pieces.

### • Assembly of Part. S0903



## Part. S0902

### ViseSplice™



Use

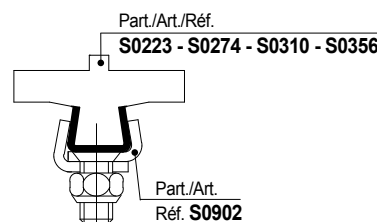
**Code**

For guides width S = 2

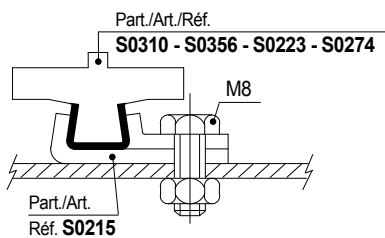
**656041N**

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

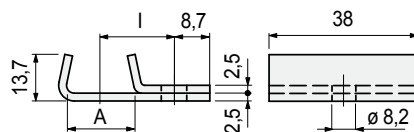
### • Assembly of Part. S0902



## • Assembly of Part. S0215



## ■ Clamp



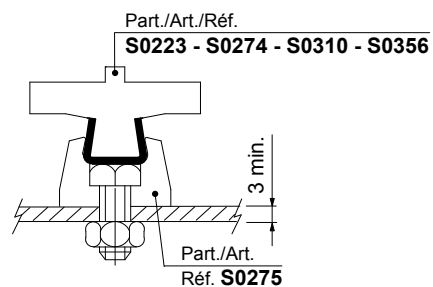
| Use                      | A<br>mm | I<br>mm | Code          |
|--------------------------|---------|---------|---------------|
| For guides width S = 1,5 | 16      | 20,5    | <b>60121N</b> |
| For guides width S = 2   | 17      | 20      | <b>65976N</b> |

- Use: easy assembly of guide profiles Part. S0310 - S0356 - S0223 - S0274.
- Material: austenitic stainless steel.
- Packaging: 50 pieces.

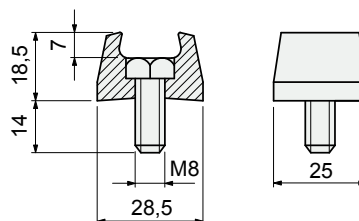
## Part. S0215



## • Assembly of Part. S0275



## ■ Clamp



| Use                                                          | Code         |
|--------------------------------------------------------------|--------------|
| For Part. S0223 (width S = 1,5 e 2)<br>S0274 - S0310 - S0356 | <b>66811</b> |

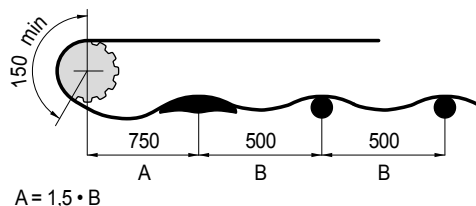
- Use: easy assembly of guide profiles Part. S0310 - S0356 - S0223 - S0274.
- Material: body in acetal resin POM (black), bolt in austenitic stainless steel.
- Packaging: 50 pieces.

## Part. S0275

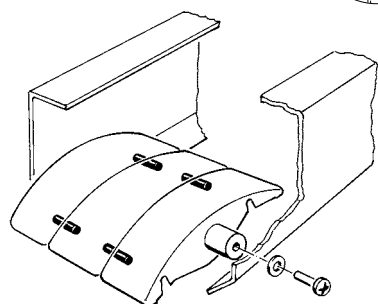
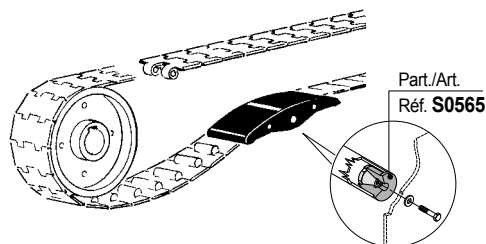


This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## • Positioning



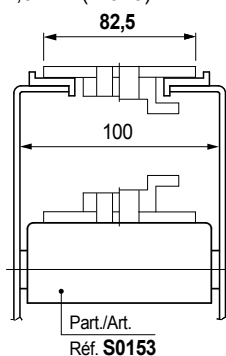
## • Assembly



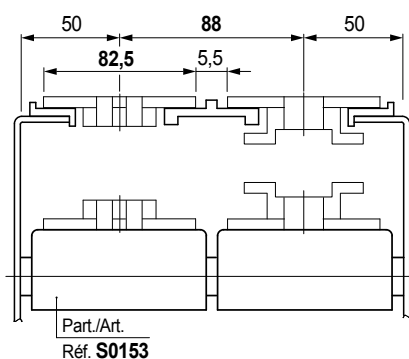
Shoes can be pinned together

## • TableTop® chains / PlateTop chains

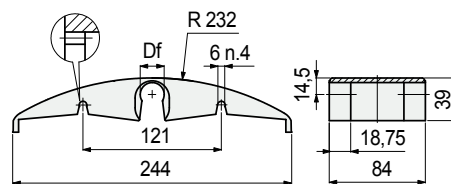
Chain width 82,5 mm (K 325)



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



## ■ Wear shoe



| Shaft dia.<br>mm | Bore dia.<br>Df<br>mm | Materiale               | Code            |
|------------------|-----------------------|-------------------------|-----------------|
| 18               | 18,5                  | Polyethylene PE (green) | <b>608692N1</b> |
| 20               | 20,5                  | Polyethylene PE (green) | <b>684231N1</b> |

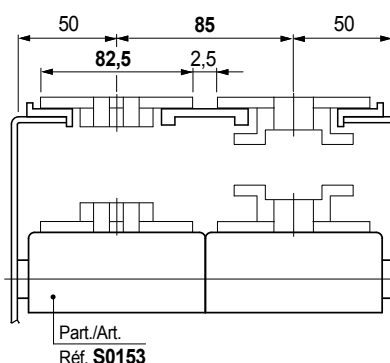
- New UNL™ low noise material is recommended only with LBP chains.
- PE polyethylene (green) version is recommended with plastic chains and metal chains.
- PA polyamide (black) version is recommended only with metal chains.
- The use of only one wear shoe after the catenary is recommended, with the exception of LBP chains that can run on more wear shoes.
- Packaging: 15 pieces.

## Part. S0153



Snap-on assembly

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

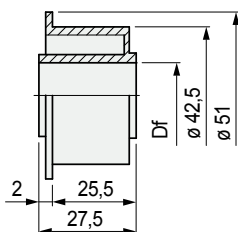


## Part. S0073



Dia. 42,5 mm

### Roller



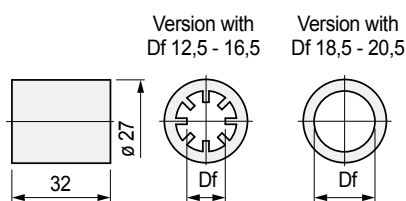
| Shaft dia.<br>mm | Bore dia.<br>Df<br>mm | Code  |
|------------------|-----------------------|-------|
| 20               | 20,5                  | 50680 |

- Material: polyethylene PE (black).
- Packaging: 48 metres.

## Part. S0126



### Separator

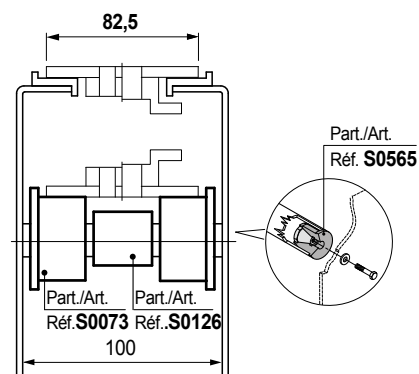


| Shaft dia.<br>mm | Bore dia.<br>Df<br>mm | Code  |
|------------------|-----------------------|-------|
| 20               | 20,5                  | 62520 |

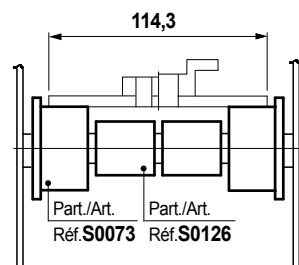
- Material: polyethylene PE (black).
- Packaging: 48 metres.

### TableTop® chains/PlateTop chains

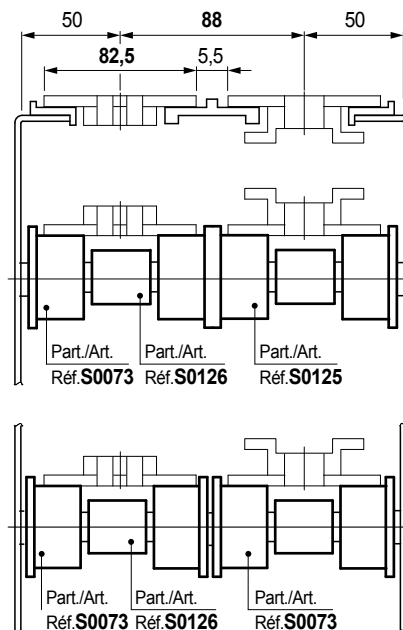
Chain width 82,5 mm (K 325)



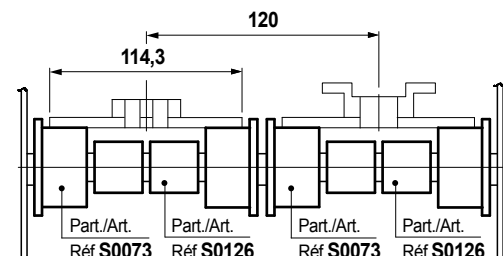
Chain width 114,3 mm (K 450)



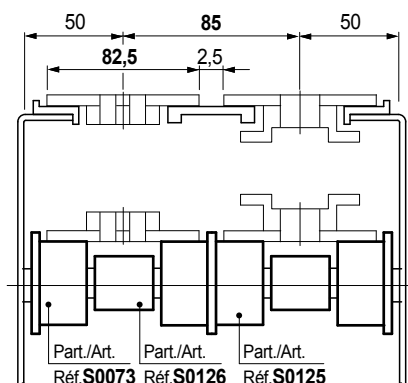
Chain width 82,5 mm (K 325) / Pitch 88 mm



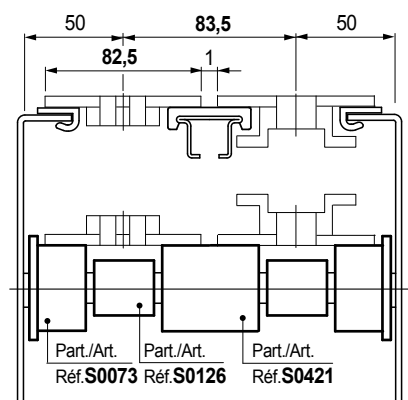
Chain width 114,3 mm (K 450) / Pitch 120 mm



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

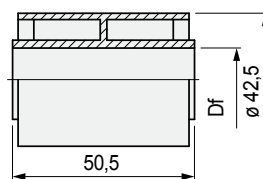


Chain width 82,5 mm (K 325) / Pitch 83,5 mm



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

## Roller



| Shaft dia.<br>mm | Bore dia.<br>Df<br>mm | Code  |
|------------------|-----------------------|-------|
| 20               | 20,5                  | 63888 |

- Material: polyethylene PE (black).
- Packaging: 48 metres.

## Part. S0421



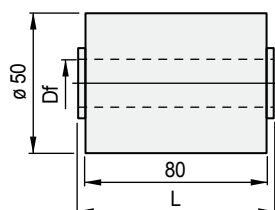
Dia. 42,5 mm

## Part. S0782



Dia. 50 mm

### Double roller



| shaft dia.                |      | Bore dia. |    | Code   |          |
|---------------------------|------|-----------|----|--------|----------|
| mm                        | inch | Df        | mm | L = 82 | L = 84,5 |
| <b>Version PE (Black)</b> |      |           |    |        |          |
| 20                        | 3/4  | 20,5      |    | 620613 | 620633   |

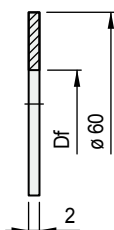
- Characteristics: completely closed design.
- Version in UNL™ low noise material.
- Colour: UNL™ (aubergine), polyethylene PE (black).
- Packaging: 48 pieces.

## Part. S0787



For Part. S0782

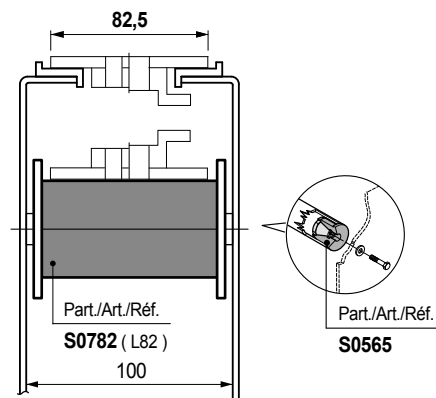
### Guide flange



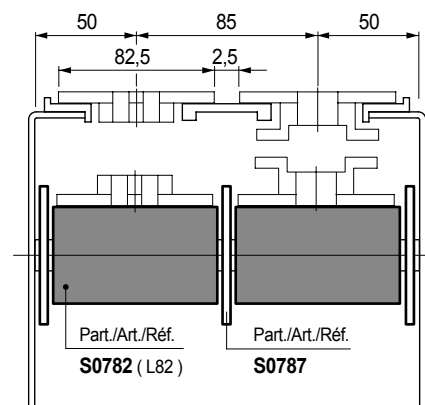
| Material                | shaft dia. |      | Bore dia. |    | Code   |
|-------------------------|------------|------|-----------|----|--------|
|                         | mm         | inch | Df        | mm |        |
| Polyethylene PE (black) | 20         | 3/4  | 20,2      |    | 620673 |

- Assembly: to be applied to roller Part. S0782.
- Packaging: 100 pieces.

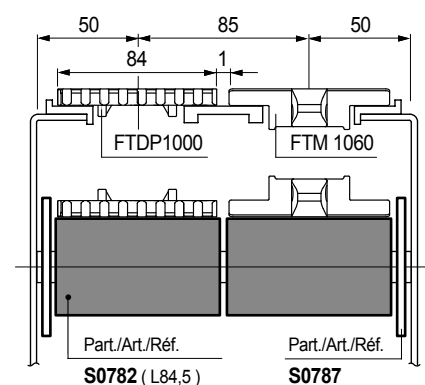
Chain width 82,5 mm (K325)



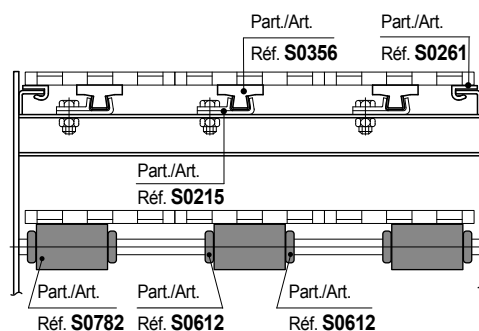
Chain width 82,5 mm (K325) / Pitch 85 mm



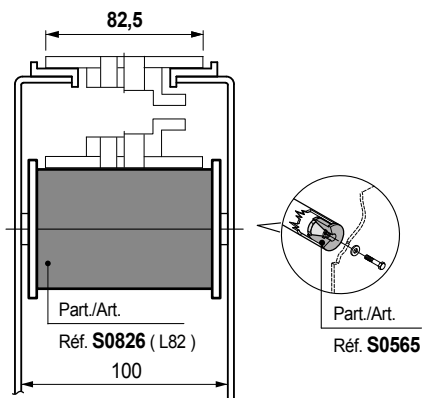
Chain width 84 mm pitch 85 mm



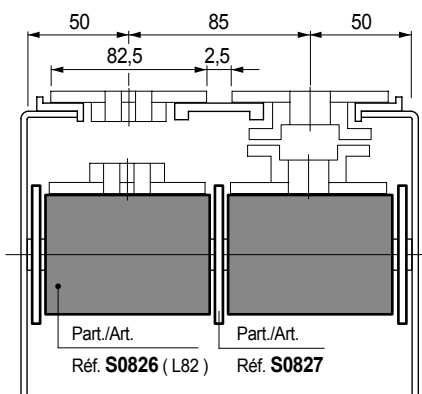
### MatTop® modular chains



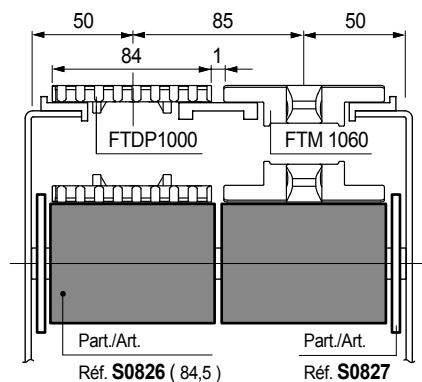
Chain width 82,5 mm (K325)



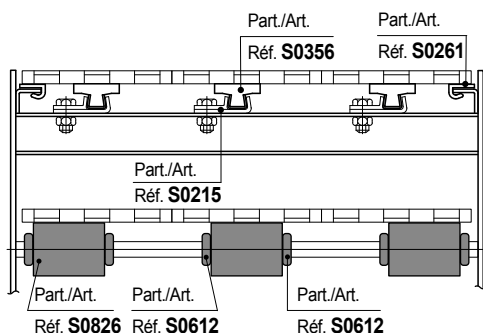
Chain width 82,5 mm (K325) / Pitch 85 mm



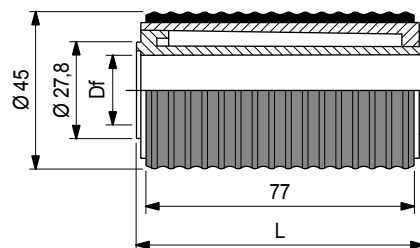
Chain width 84 mm pitch 85 mm



MatTop® modular chains



## Double roller (with rubber surface)

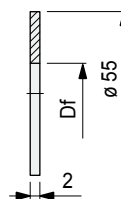


Dia. 45 mm

| Shaft dia.<br>mm | Bore dia.<br>Df<br>mm | Code          |               |
|------------------|-----------------------|---------------|---------------|
|                  |                       | L = 82,5      | L = 84,5      |
| <b>16</b>        | 16,5                  | <b>632063</b> | <b>632083</b> |
| <b>20</b>        | 20,5                  | <b>632073</b> | <b>632093</b> |

- Characteristics: completely closed design. Rubber surface for less noise even in high speed conveyors. Hub in acetal for low friction.
- Material: roller in polyethylene PE (white). Surface in thermoplastic rubber (grey). 70 shore hardness.
- Packaging: 48 pieces.

## Guide flange



| Shaft dia.<br>mm | inch | Bore dia.<br>Df<br>mm | Code          |
|------------------|------|-----------------------|---------------|
|                  |      |                       |               |
| <b>16</b>        | -    | 16,2                  | <b>632103</b> |
| <b>20</b>        | 3/4  | 20,2                  | <b>632113</b> |

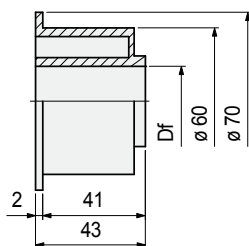
- Material: polyethylene PE (black).
- Packaging: 100 pieces.

## Part. S0556

Roller



Dia. 60 mm



| Shaft dia.<br>mm | Bore dia.<br>Df<br>mm | Code   |
|------------------|-----------------------|--------|
| 20               | 20,5                  | 695251 |

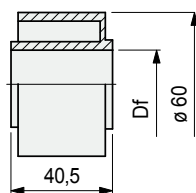
- Material: polyethylene PE (black).
- Packaging: 48 pieces.

## Part. S0554

Roller



Dia. 60 mm

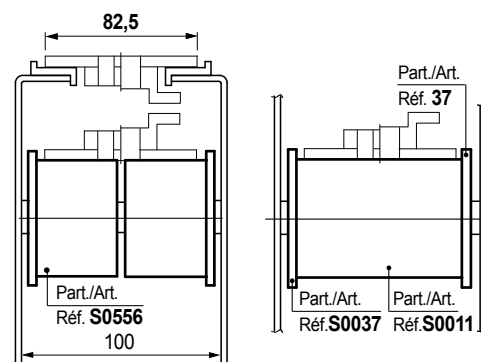


| Shaft dia.<br>mm | Bore dia.<br>Df<br>mm | Code   |
|------------------|-----------------------|--------|
| 20               | 20,5                  | 695171 |

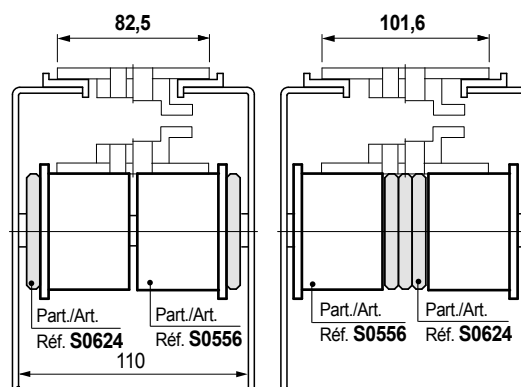
- Material: polyethylene PE (black).
- Packaging: 48 pieces.

### TableTop® chains / PlateTop chains

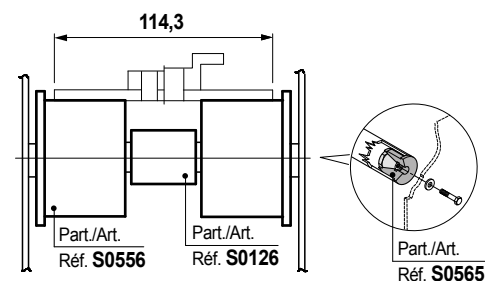
Chain width 82,5 mm (K 325)



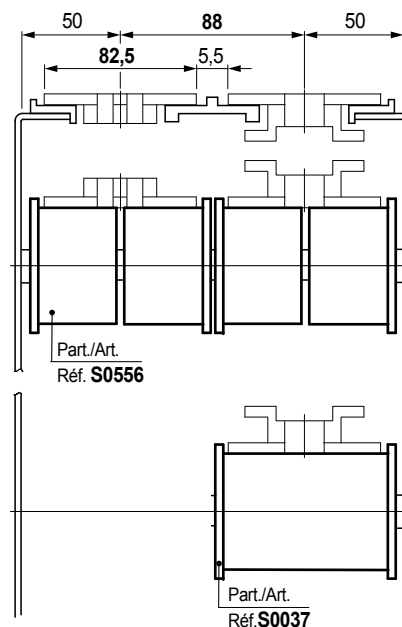
Chain width 82,5 mm (K325) - 101,6 mm (K400)



Chain width 114,3 mm (K 450)

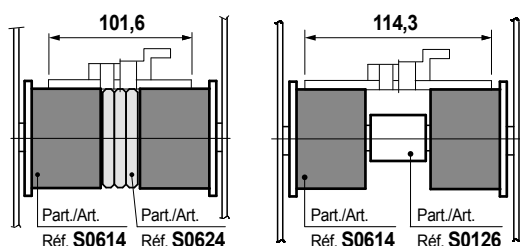
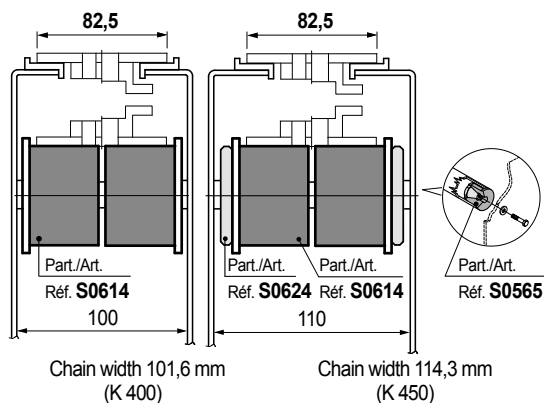


Chain width 82,5 mm (K 325) / Pitch 88 mm

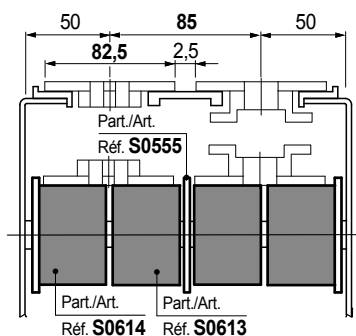


## • TableTop® chains / PlateTop chains

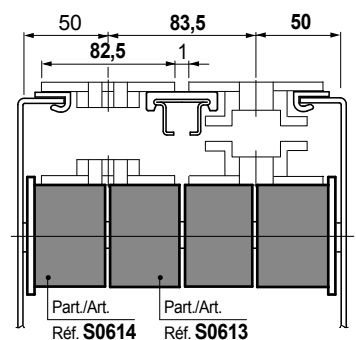
Chain width 82,5 mm (K 325)



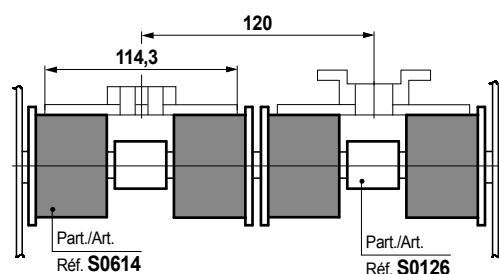
Chain width 82,5 mm (K 325) / Pitch 85 mm



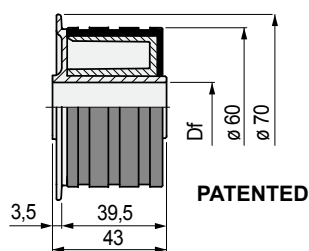
Chain width 82,5 mm (K 325) / Pitch 83,5 mm



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



## ■ Roller (with rubber surface)



| Shaft dia. |      | Bore dia. | Code   |
|------------|------|-----------|--------|
| mm         | inch | Df mm     |        |
| 12,7       | 1/2  | 13,2      | 632482 |
| 16         | 5/8  | 16,5      | 615392 |
| 19,05      | 3/4  | 19,5      | 635152 |
| 20         | -    | 20,5      | 615412 |

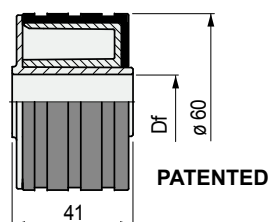
- Characteristics: completely closed design. Rubber surface for less noise even in high speed conveyors. Hub in acetal for low friction.
- Material: roller in acetal POM (black). Surface in thermoplastic rubber (grey). 70 shore hardness.
- Packaging: 48 pieces.

## Part. S0614



Dia. 60 mm

## ■ Roller (with rubber surface)



| Shaft dia. |      | Bore dia. | Code   |
|------------|------|-----------|--------|
| mm         | inch | Df mm     |        |
| 12,7       | 1/2  | 13,2      | 632472 |
| 16         | 5/8  | 16,5      | 615352 |
| 19,05      | 3/4  | 19,5      | 635142 |
| 20         | -    | 20,5      | 615372 |

- 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 (black). Surface in thermoplastic rubber (grey). 70 shore hardness.
- Packaging: 48 pieces.

## Part. S0613



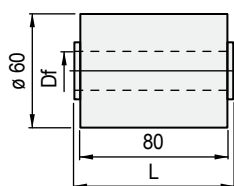
Dia. 60 mm

## Part. S0758

### Double roller



Dia. 60 mm



| shaft dia.         |      | Bore dia.<br>Df<br>mm | Code   |          |
|--------------------|------|-----------------------|--------|----------|
| mm                 | inch |                       | L = 82 | L = 84,5 |
| Version PE (Black) |      |                       |        |          |
| 20                 | -    | 20.5                  | 620713 | 620343   |

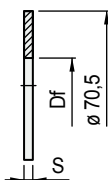
- Characteristics: completely closed design.
- Polyethylene PE (black).
- Packaging: 48 pieces.

## Part. S0555

For Part. S0554  
Part. S0613  
Part. S0758



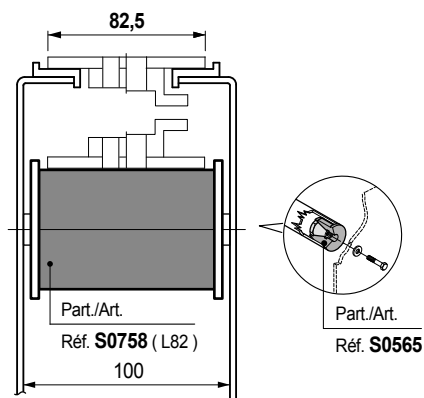
### Guide flange



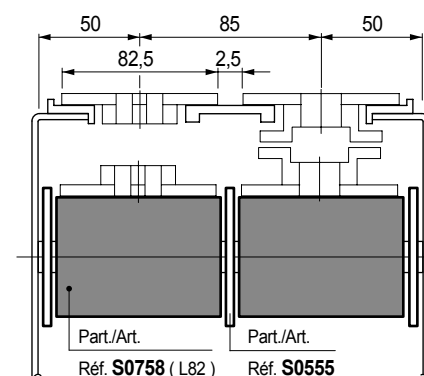
| Shaft dia. |      | Bore dia.<br>Df<br>mm | Code   |
|------------|------|-----------------------|--------|
| mm         | inch |                       |        |
| 20         | 3/4  | 20,2                  | 695211 |

- Material: Polyethylene PE (black).
- Packaging: 100 pieces.

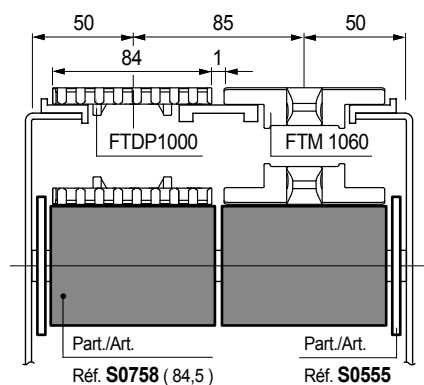
Chain width 82,5 mm (K 325)



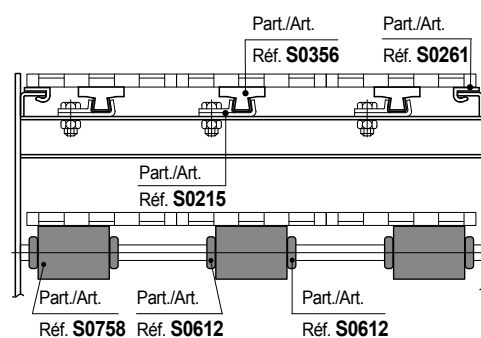
Chain width 82,5 mm (K 325) / Pitch 85 mm



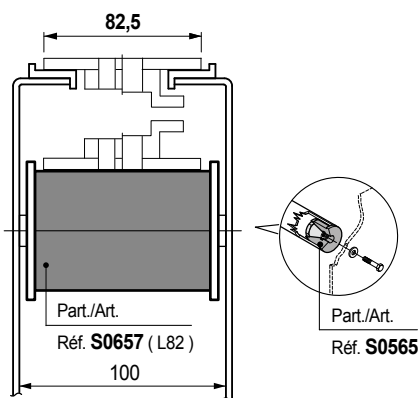
Chain width 84 mm (K 325) / Pitch 85 mm



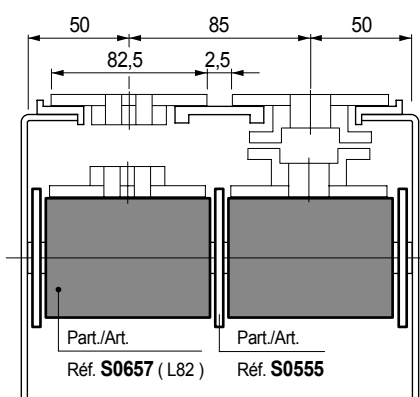
MatTop® modular chains



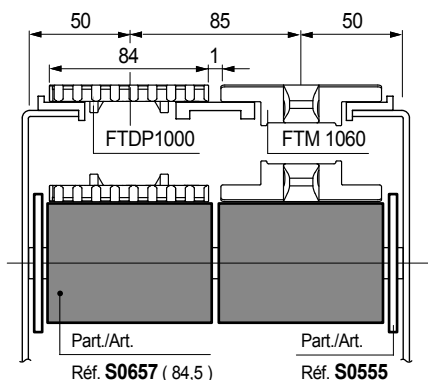
Chain width 82,5 mm (K 325)



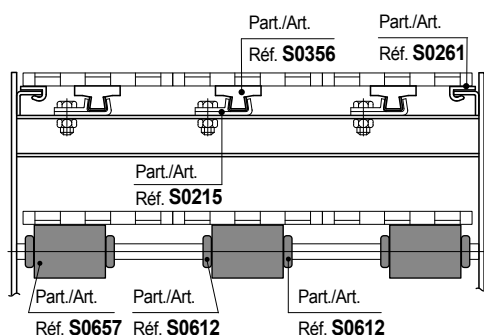
Chain width 82,5 mm (K 325) / Pitch 85 mm



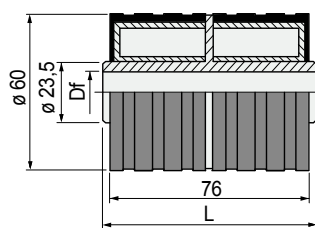
Chain width 84 mm (K 325) / Pitch 85 mm



MatTop® modular chains



■ Double roller (with rubber surface)



PATENTED

Part. **S0657**



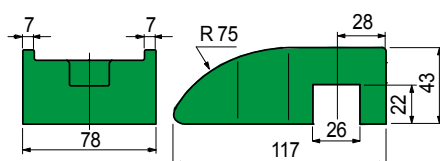
Dia. 60 mm

| Shaft dia.<br>mm | inch | Bore dia.<br>Df<br>mm | Code   |          |
|------------------|------|-----------------------|--------|----------|
|                  |      |                       | L = 82 | L = 84,5 |
| 12,7             | 1/2  | 13,2                  | 656982 | -        |
| 16               | 5/8  | 16,5                  | 657002 | -        |
| 18               | -    | 18,5                  | 657012 | -        |
| 19,05            | 3/4  | 19,5                  | 656692 | -        |
| 20               | -    | 20,5                  | 657022 | 608283   |

- 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. Surface in thermoplastic rubber (black). 70 shore hardness
- Packaging: 48 pieces.

## Part. S0729

### Chain return guide

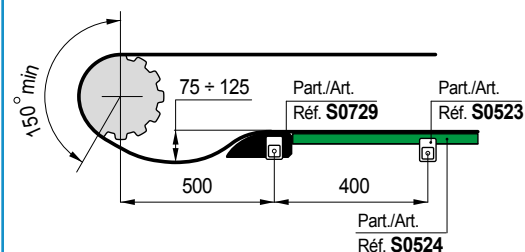
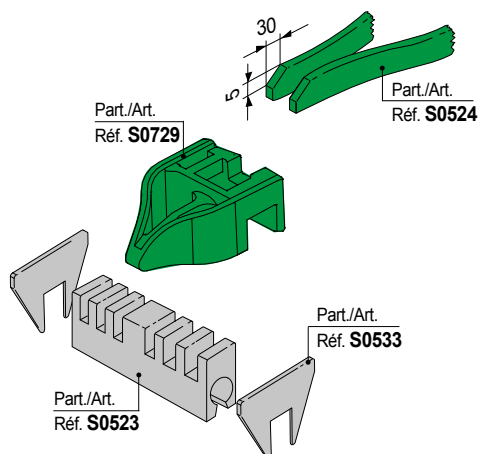


| Material                | Code          | Weight<br>kg |
|-------------------------|---------------|--------------|
| Polyethylene PE (green) | <b>697662</b> | 0,10         |

- New design offers less and more uniform wear of chains and better cleanability.
- PE polyethylene (green) version is recommended with plastic chains and metal chains.
- PA polyamide (black) version is recommended only with metal chains.
- Packaging: 25 pieces.

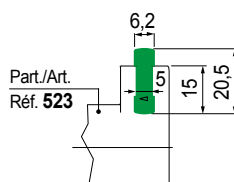
### • Assembly Part. S0729

Assembly: press-fit. Interference fixed.  
For assembly schemes see page S40.



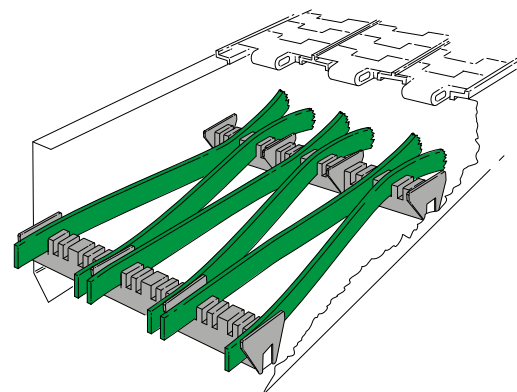
## Part. S0524

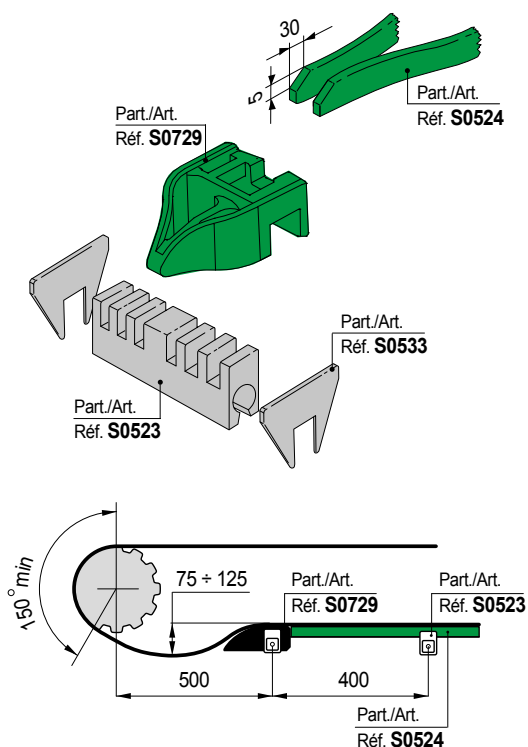
### Sliding profile



| Material                          | Code          |
|-----------------------------------|---------------|
| Polyethylene PE (green) 1.000.000 | <b>643501</b> |

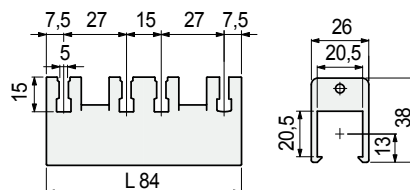
- Assembly: Applicable to spacers Part. S0523. Snap-on assembly.
- Standard packaging: coil.
- Packaging: 70 metres.





## ■ Spacer for square profiles

Version width L 84 mm



| Quare shaft<br>mm | Width<br>L<br>mm | Code   | Weight<br>Kg |
|-------------------|------------------|--------|--------------|
| 20 x 20           | L 84             | 643451 | 0,03         |

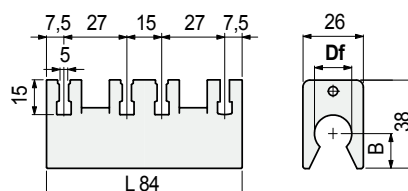
- Material: Polyamide PA (black).
- Packaging: 50 pieces.

## Part. S0523

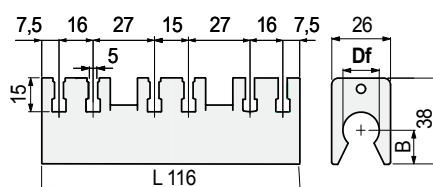


## ■ Spacer for round profile

Version width L 84 mm



Version width L 116 mm



| Width<br>L<br>mm | Bore dia.<br>Df<br>mm | inch | Code   | B<br>mm | Weight<br>Kg |
|------------------|-----------------------|------|--------|---------|--------------|
| L 84             | 20                    | -    | 643491 | 13      | 0,04         |
| L 116            | 20                    | -    | 692132 | 13      | 0,05         |

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

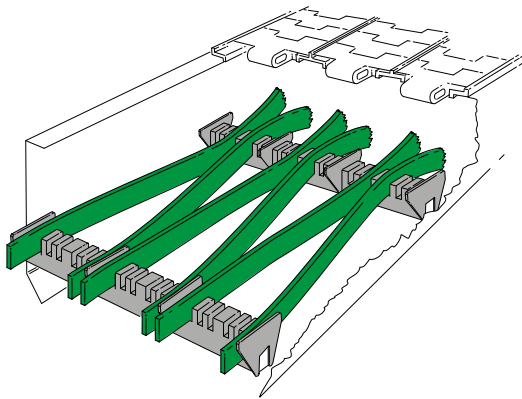
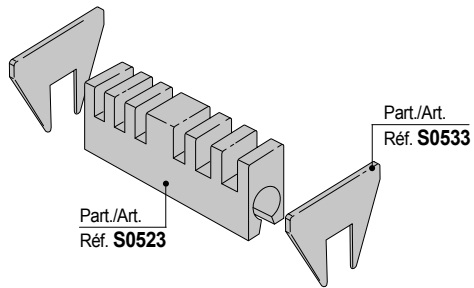
## Part. S0523



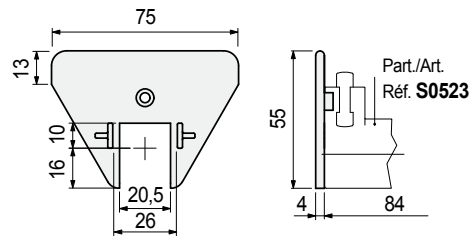
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

# Serpentine Guides for Chain Return

for Part. S0523



## Striker



| Code   | Weight<br>kg |
|--------|--------------|
| 672801 | 0,01         |

- Assembly: Applicable to spacers Part. S0523. Snap-on assembly.
- Material: polyamide PA (black).
- Packaging: 100 pieces.

## Part. S0533



## Assembly schemes for

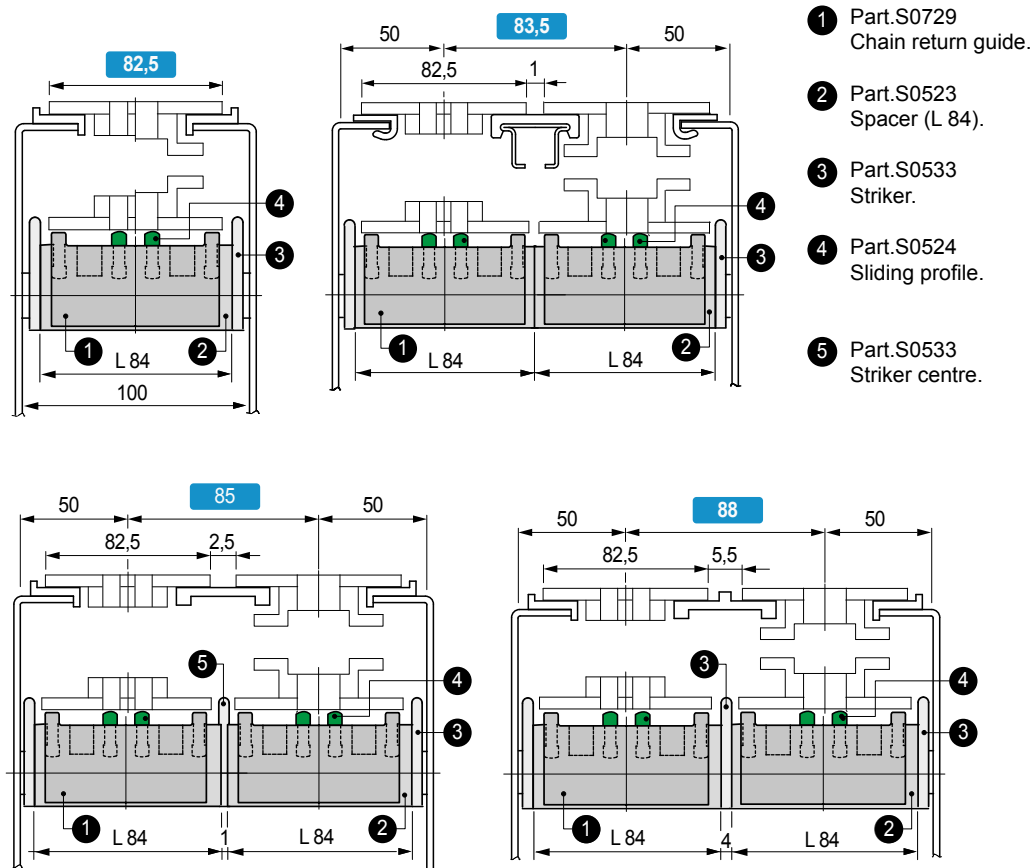
**Part:** S0729

S0523

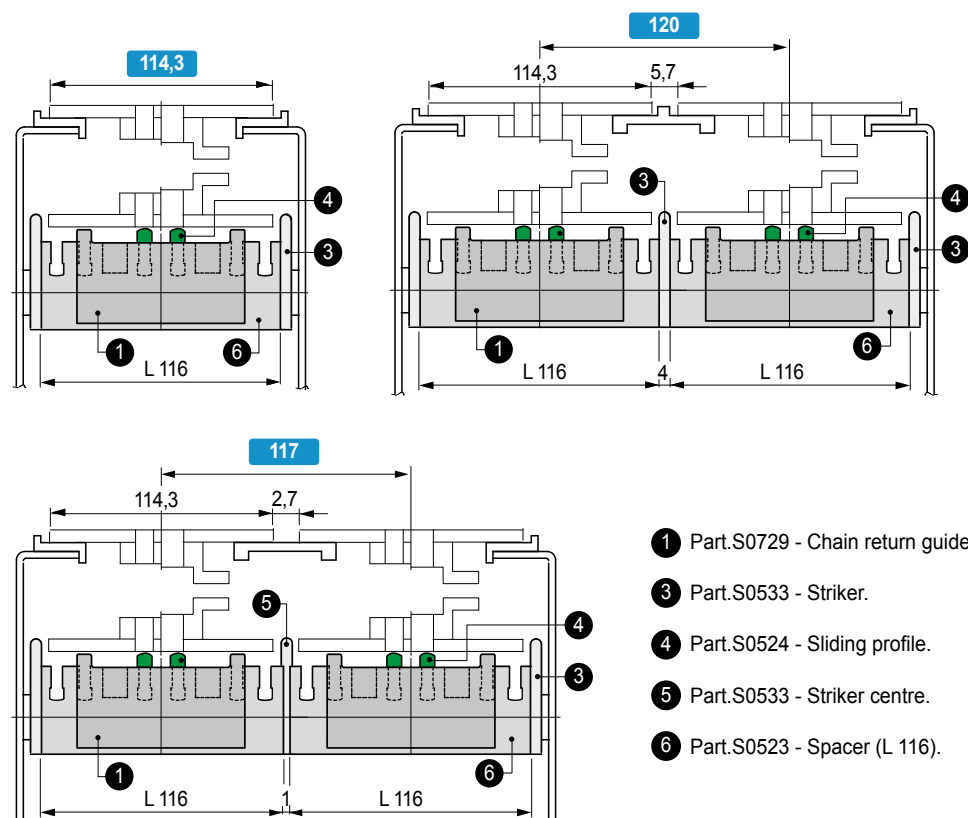
S0533

S0524

- Chain width 82,5 mm (K325)



- Chain width 114,3 mm (K450)



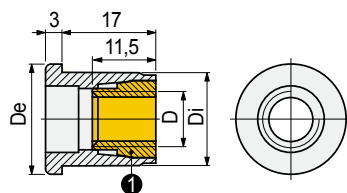
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## Part. S0565



for round tubes Dia. 18 - 20 mm

### Expansion plugs

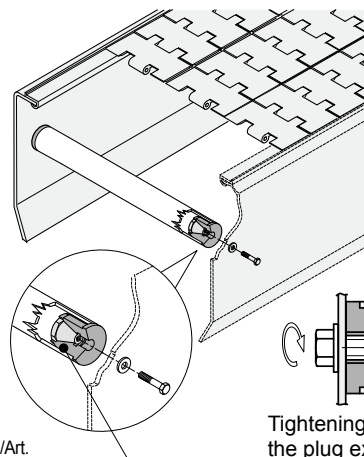


Tube dimensions ① Expansion cone

| Outside<br>mm | Thickness<br>mm | Inside<br>mm | Thread<br>D | De<br>mm | Di<br>mm | Code          |
|---------------|-----------------|--------------|-------------|----------|----------|---------------|
| Ø 20          | 1,5             | 17           | M8          | 20       | 17       | <b>698681</b> |

- 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.

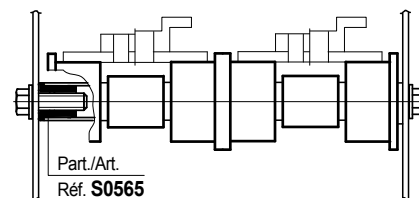
### Assembly Part. S0565



Part./Art.  
Réf. **S0565**

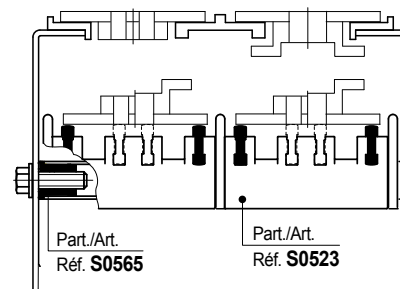
Tightening the bolt,  
the plug expands and  
stays firmly in the tube.

### Application example of Part. S0565 for return chain rollers



Part./Art.  
Réf. **S0565**

### Application example of Part. S0565 for serpentine return

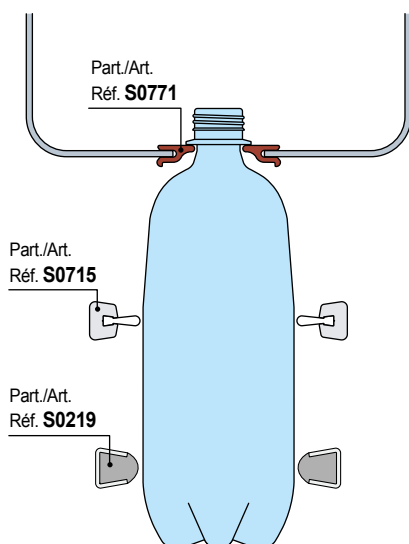


Part./Art.  
Réf. **S0565**

Part./Art.  
Réf. **S0523**

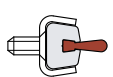
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature ULF - brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF is FDA approved**  
Polyethylene ULF complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.

- **Use Part. S0771 - S0776**  
Overhead transport of PET bottles.

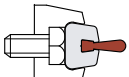


- **Accessories:** see Guide - Rail Clamps

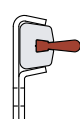
Part./Art./Réf.  
S0216 - S0903



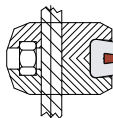
Part./Art./Réf.  
S0275



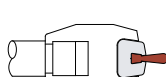
Part./Art./Réf.  
S0215



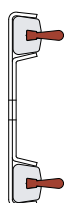
Part./Art./Réf.  
S0211 - S0446



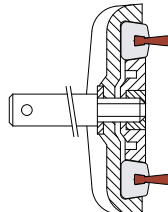
Part./Art./Réf.  
S0210 - S0210P



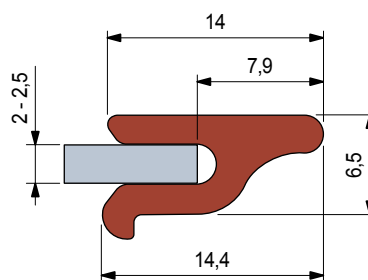
Part./Art./Réf.  
S0217



Part./Art./Réf.  
S0213



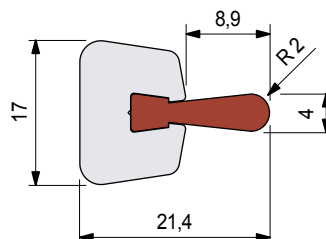
## Neck transport guides



| Material        | Packaging | Code      |
|-----------------|-----------|-----------|
| UHMWPE          | metres    |           |
| ULF - brown red | 40        | UL626363N |

- Standard packaging: coil.

## Guide rail



| Length | Code      | Weight |
|--------|-----------|--------|
| metres |           | kg/m   |
| 3      | UL691892N | 0,59   |

- Material: metal profile in anodized aluminium.  
Plastic profile in Polyethylene ULF (brown red).
- Standard packaging: The plastic and metal profiles are supplied disassembled.
- Min. curvature radius: 500 mm.
- Packaging: 60 metres.

## Part. S0771

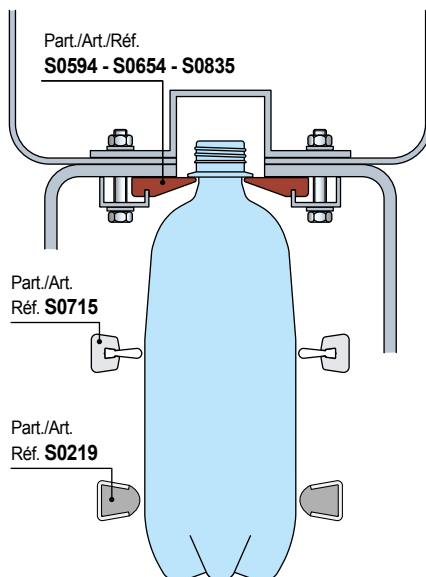
## Part. S0715



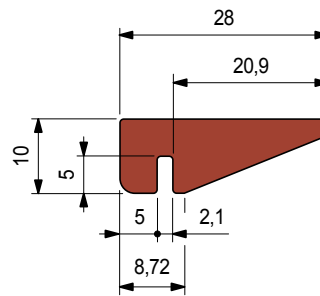
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature ULF - brown red:**  
In air (- 40 to + 45 °C).  
In hot water (+ 45 °C).
- **Polyethylene ULF is FDA approved**  
Polyethylene ULF complies with the Code of Federal Regulations Title 21, § 177.1520 "Olefin Polymers" of the Food and Drug Administration (FDA) of April 1, 2008.

- **Use Part. S0594 - S0654 - S0835**  
Overhead transport of PET bottles.



## Neck transport guides



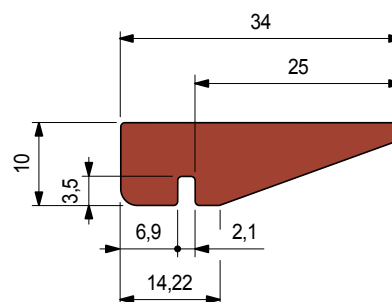
| Material        | Length metres | Code      |
|-----------------|---------------|-----------|
| UHMWPE          |               |           |
| ULF - brown red | 3             | UL691702N |

- Min. curvature radius: 750 mm.
- Packaging: 45 metres (in 3 m length 10Ft).

## Part. S0594



## Neck transport guides



| Material        | Length metres | Code      |
|-----------------|---------------|-----------|
| UHMWPE          |               |           |
| ULF - brown red | 3             | UL691722N |

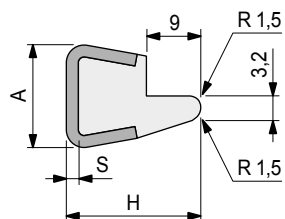
- Min. curvature radius: 750 mm.
- Packaging: 24 metres.

## Part. S0654



# Part. S0308

## ■ Neck transport guide



| S<br>mm | H<br>mm | A<br>mm |
|---------|---------|---------|
| 1,5     | 22,5    | 16      |
| 2       | 23      | 17      |

| Thickness<br>S<br>mm                                  | Metal<br>profile material     | Length<br>metres | Code         | Weight<br>kg/m |
|-------------------------------------------------------|-------------------------------|------------------|--------------|----------------|
| <b>Plastic profile in polyethylene UHMWPE (white)</b> |                               |                  |              |                |
| 1,5                                                   | Austenitic<br>stainless steel | 3                | <b>65602</b> | 0,65           |

- Min. curvature radius: 160 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres (in 3 m length 10Ft).
- Accessories:

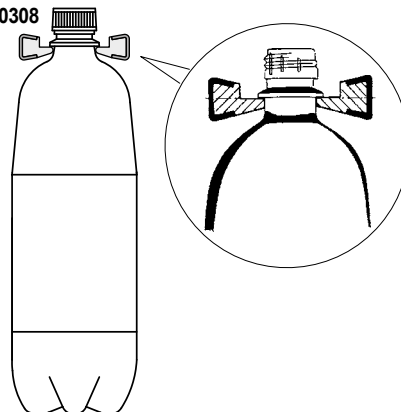


Guide - Rail  
Clamps.

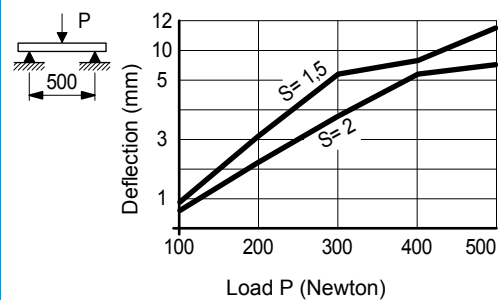
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.
- **Characteristics:** new material Polyethylene ULF brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Operating temperature White, Green, Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).

- **Use of Part. S0308**  
Overhead trasport of PET bottles.

Part./Art.  
Réf. **S0308**



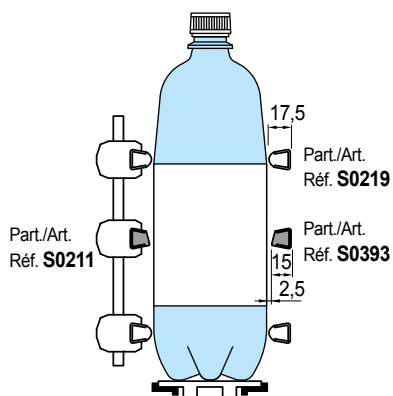
- **Deflection of Part. S0308 - S0393 - S0596**



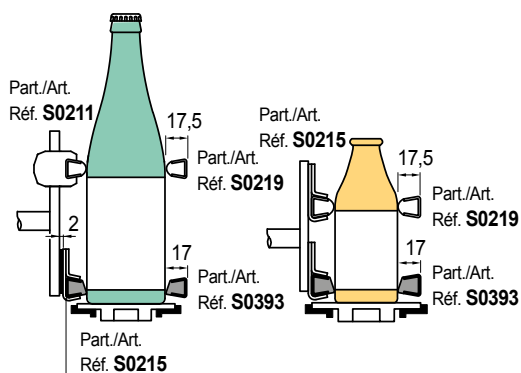
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Operating temperature White, Green, Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).

## • Use of Part. S0393

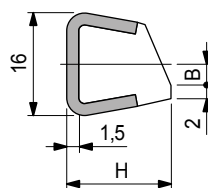
Transport of PET bottles with petaloid bottom.  
The guide can be used to stabilize, and protect label from damage.



Transport of glass bottles.



## ■ Label protection guide



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



| Metal profile material     | Length metres | H mm | Code  | Weight kg/m |
|----------------------------|---------------|------|-------|-------------|
| Austenitic stainless steel | 3             | 15   | 62522 | 0,50        |

- Plastic profile material: polyethylene UHMWPE (white).
- Min. curvature radius: 145 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}$ .  
Calculation of thermal expansion see Technical information.
- Packaging: 24 metres.
- Accessories:

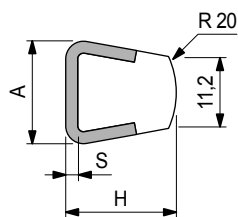


Guide - Rail  
Clamps.

## Part. S0317



### ■ Guide rail (half round)



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

| Thickness<br>S<br>mm | Metal<br>profile material | Length<br>metres | Code | Weight<br>kg/m |
|----------------------|---------------------------|------------------|------|----------------|
|----------------------|---------------------------|------------------|------|----------------|

#### Plastic profile in polyethylene UHMWPE (white)

|     |                            |   |              |      |
|-----|----------------------------|---|--------------|------|
| 1,5 | Austenitic stainless steel | 3 | <b>69072</b> | 0,54 |
|     |                            | 6 | <b>69302</b> |      |

- Min. curvature radius: 145 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ }^{\circ}\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres (in 3 m length 10Ft).  
48 metres (in 6 m length).
- Accessories:

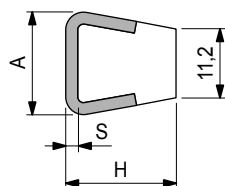


Guide - Rail  
Clamps.

## Part. S0223



### ■ Neck transport guide



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

| Thickness<br>S<br>mm | Metal<br>profile material  | Length<br>metres | Code         | Weight<br>kg/m |
|----------------------|----------------------------|------------------|--------------|----------------|
| 1,5                  | Austenitic stainless steel | 3                | <b>61031</b> | 0,54           |
|                      | Zinc plated steel          | 3                | <b>63971</b> |                |

- Colour: white.
- Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius: 145 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ }^{\circ}\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres (in 3 m length 10Ft).
- Accessories:



Guide - Rail  
Clamps.

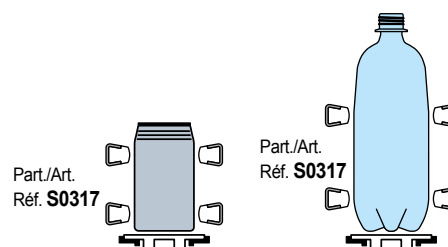


Guide rail bending  
machine (manual)  
Part. S0218.

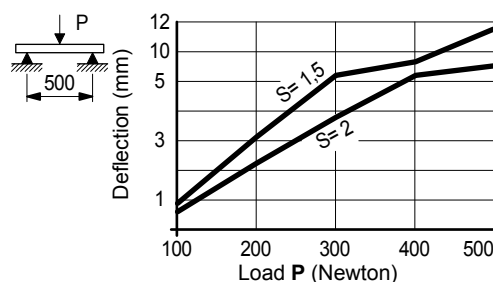
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF brown red (UHMWPE): reduced friction coefficient, higher wear resistance.

- **Operating temperature White, Green, Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).

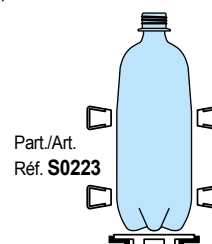
- **Use of Part. S0317**  
Delicate containers  
(ex: empty cans, empty PET).



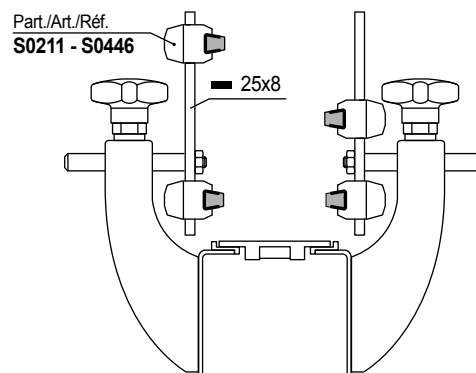
- **Deflection of Part. S0317 - S0223**



- **Use of Part. S0223**  
Middle delicate containers  
(ex: full PET).



- **Assembly of Part. S0317 - S0223**



- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF brown red (UHMWPE): reduced friction coefficient, higher wear resistance.

- **Operating temperature White, Green, Black:**

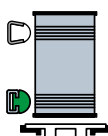
In air (- 40 to + 80 °C).

In hot water (+ 70 °C).

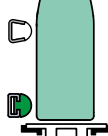
- **Use of S0219 - S0247**

Medium strength containers (ex: latten, glass).

Part./Art.  
Réf. **S0219**



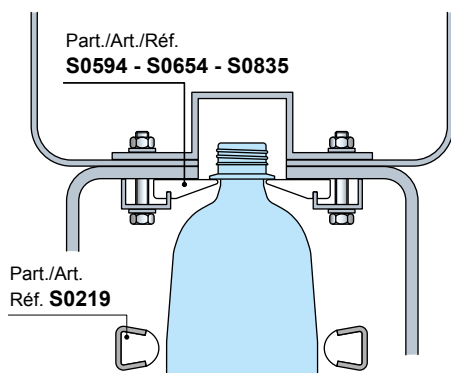
Part./Art.  
Réf. **S0219**



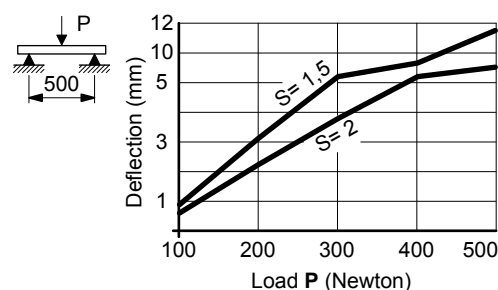
Part./Art.  
Réf. **S0247**



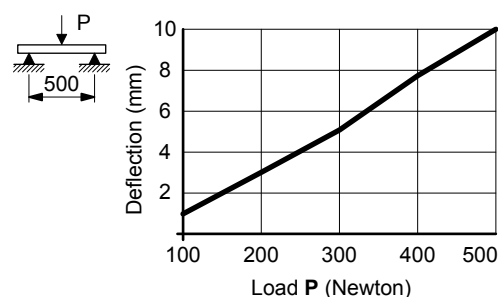
Plastic profile of Part. S0247  
can be disassembled.



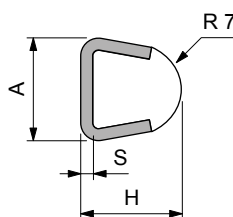
- **Deflection of Part. S0219**



- **Deflection of Part. S0247**



## Guide rail (round)



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

Thickness

| S  | Metal            | Length | Code | Weight |
|----|------------------|--------|------|--------|
| mm | profile material | metres |      | kg/m   |

### Plastic profile in polyethylene UHMWPE (white)

|     |                            |   |              |      |
|-----|----------------------------|---|--------------|------|
| 1,5 | Austenitic stainless steel | 3 | <b>60161</b> | 0,54 |
|     | Zinc plated steel          | 6 | <b>69292</b> |      |
| 2   | Austenitic stainless steel | 3 | <b>61753</b> | 0,54 |
|     | Zinc plated steel          | 6 | <b>67113</b> |      |

### Plastic profile in polyethylene ULF (brown red)

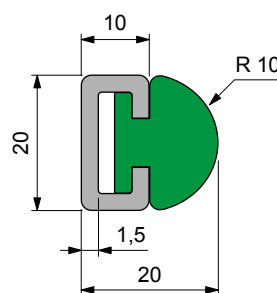
|   |                            |  |                  |      |
|---|----------------------------|--|------------------|------|
| 2 | Austenitic stainless steel |  | <b>UL634543N</b> | 0,54 |
|---|----------------------------|--|------------------|------|

- Min. curvature radius: 145 mm.
- Linear expansion coefficient:  $4 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ .  
Calculation of thermal expansion see Technical information.
- Packaging: 12 metres (in 3 m length 10Ft).  
18 metres (in 6 m length).
- Accessories:



Guide - Rail  
Clamps.

## Guide rail (round)



| Length | Metal            | Code | Weight |
|--------|------------------|------|--------|
| metres | profile material |      | kg/m   |

### Plastic profile material in polyethylene UHMWPE (green)

|   |                            |              |      |
|---|----------------------------|--------------|------|
| 3 | Austenitic stainless steel | <b>63911</b> | 0,67 |
|   | Zinc plated steel          | <b>63921</b> |      |

- Min. curvature radius: 145 mm.
- Linear expansion coefficient:  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$ .  
Calculation of thermal expansion see Technical information.
- Accessories:



Guide - Rail  
Clamps.

## Part. S0219



## Part. S0247

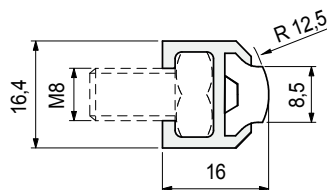


## Part. S0346



In aluminium

### ■ Guide rail (half round)



| Length metres | Code  | Weight kg/m |
|---------------|-------|-------------|
| 3             | 60204 | 0,24        |
| 6             | 60214 |             |

- Colour: white.
- Metal profile in anodized aluminium.
- Min. curvature radius: 110 mm.
- Linear expansion coefficient:  $2 \times 10^{-4} \text{ }^{\circ}\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 18 metres (in 3 m length 10Ft).
- 96 metres (in 6 m length).

- Accessories:



Guide rail bending machine (manual)  
Part. S0218.

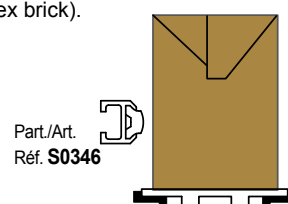
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF brown red (UHMWPE): reduced friction coefficient, higher wear resistance.

#### • Operating temperature White, Green, Black:

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

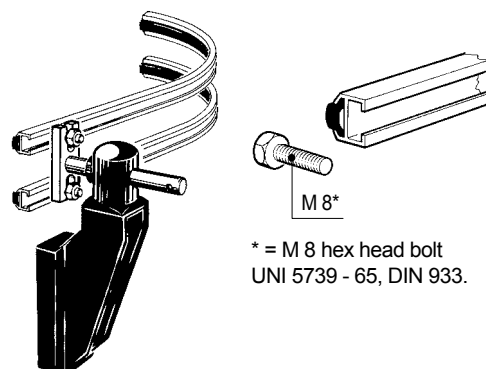
#### • Use of Part. S0346

Conveyors with limited lateral loads (ex brick).



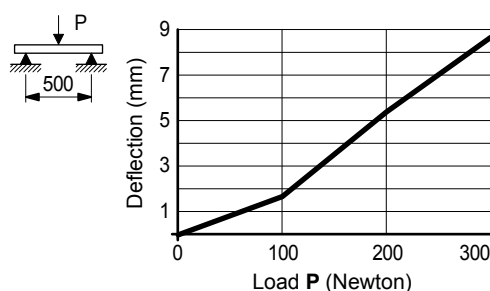
Part./Art.  
Réf. **S0346**

#### • Assembly of Part. S0346



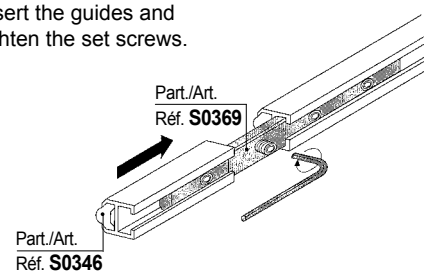
\* = M 8 hex head bolt  
UNI 5739 - 65, DIN 933.

#### • Deflection of Part. S0346



#### • Assembly of Part. S0369

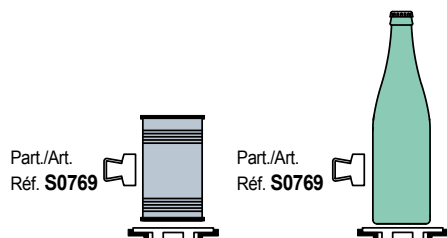
Insert the guides and tighten the set screws.



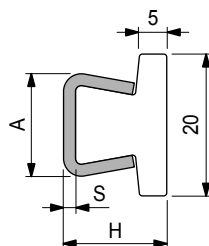
Part./Art.  
Réf. **S0346**

- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Operating temperature White, Green, Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).

- **Use of Part. S0770 - S0769** Medium strength containers. (ex. latten, glass)



## Guide rail (flat)



| S<br>mm | H<br>mm | A<br>mm |
|---------|---------|---------|
| 1,5     | 17      | 16      |
| 2       | 17,5    | 17      |



| Thickness<br>S<br>mm | Metal<br>profile material     | Length<br>metres | Code    | Weight<br>kg/m |
|----------------------|-------------------------------|------------------|---------|----------------|
| 2                    | Austenitic<br>stainless steel | 3                | 609213N | 0,71           |

- Colour: white.
- Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius: 160 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres.
- Accessories:

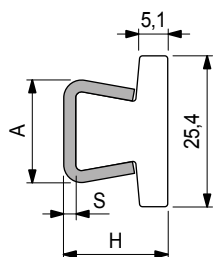


Guide - Rail  
Clamps.

## Part. S0768



### ■ Guide rail (flat)



| S<br>mm | H<br>mm | A<br>mm |
|---------|---------|---------|
| 1,5     | 17      | 16      |
| 2       | 17,5    | 17      |

| Thickness<br>S<br>mm | Metal<br>profile material     | Length<br>metres | Code           | Weight<br>kg/m |
|----------------------|-------------------------------|------------------|----------------|----------------|
| 1,5                  | Austenitic<br>stainless steel | 3                | <b>609083N</b> | 0,63           |
| 2                    | Austenitic<br>stainless steel | 3                | <b>609113N</b> | 0,74           |

- Colour: white.
- Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius: 160 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ }^{\circ}\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres.
- Accessories:

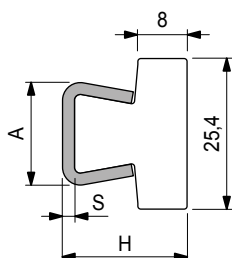


Guide - Rail  
Clamps.

## Part. S0767



### ■ Guide rail (flat)



| S<br>mm | H<br>mm | A<br>mm |
|---------|---------|---------|
| 1,5     | 20,5    | 16      |
| 2       | 21      | 17      |

| Thickness<br>S<br>mm | Metal<br>profile material     | Length<br>metres | Code           | Weight<br>kg/m |
|----------------------|-------------------------------|------------------|----------------|----------------|
| 2                    | Austenitic<br>stainless steel | 3                | <b>609063N</b> | 0,82           |

- Colour: white.
- Min. curvature radius: 160 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ }^{\circ}\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres.
- Accessories:



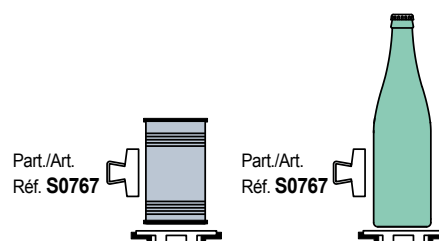
Guide - Rail  
Clamps.

- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF brown red (UHMWPE): reduced friction coefficient, higher wear resistance.

#### • Operating temperature White, Green, Black:

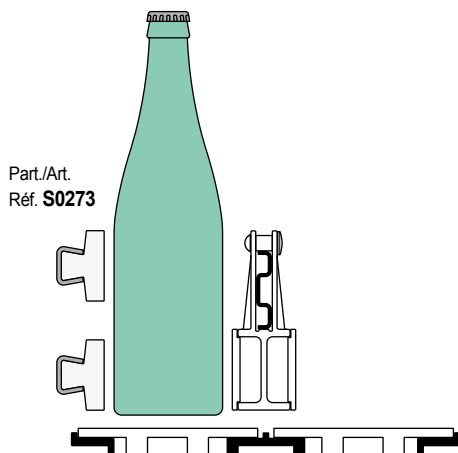
- In air (- 40 to + 80 °C).
- In hot water (+ 70 °C).

- **Use of Part. S0770 - S0769** Medium strength containers (ex. latten, glass)



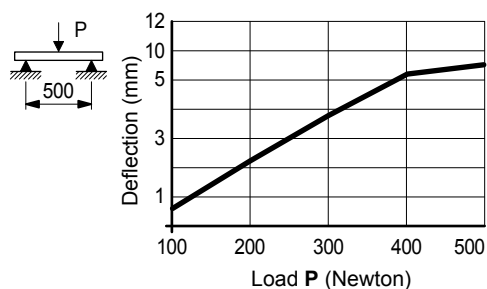
- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Operating temperature White, Green, Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).

- **Use of Part. S0273**  
Rugged containers with delicate surface (ex. decorated glass bottles).

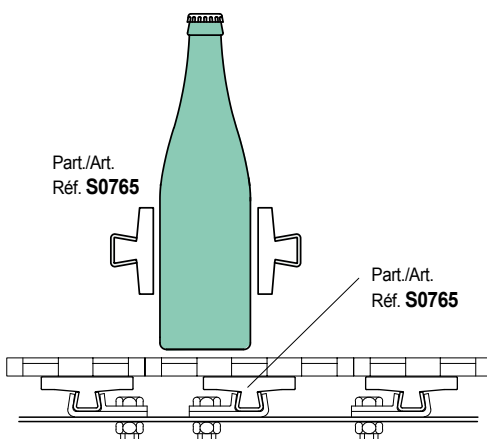


Part./Art.  
Réf. **S0273**

- **Deflection of Part. S0273**



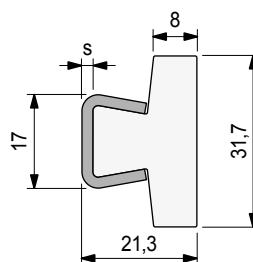
- **Use of Part. S0765**  
Rugged containers with delicate surface (ex. decorated glass bottles).



Part./Art.  
Réf. **S0765**

Part./Art.  
Réf. **S0765**

## Guide rail (extra-flat)



Thickness

| S<br>mm | Metal<br>profile material     | Length<br>metres | Code         | Weight<br>kg/m |
|---------|-------------------------------|------------------|--------------|----------------|
| 2       | Austenitic<br>stainless steel | 3                | <b>66791</b> | 0,76           |
|         |                               | 6                | <b>67602</b> |                |

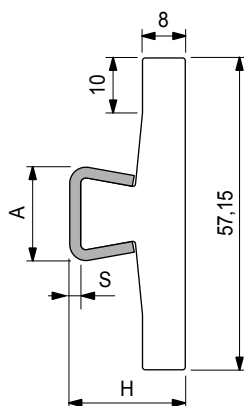
### Plastic profile in polyethylene UHMWPE (white)

- Antistatic polyethylene UHMWPE (black) available upon request with minimum quantities.
- Min. curvature radius: 160 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 12 metres (in 3 m length 10Ft).  
18 metres (in 6 m length).
- Accessories:

Guide - Rail  
Clamps.



## Guide rail (extra-flat)



| S<br>mm | H<br>mm | A<br>mm |
|---------|---------|---------|
| 1,5     | 20,5    | 16      |
| 2       | 21      | 17      |

Thickness

| S<br>mm | Metal<br>profile material     | Length<br>metres | Code           | Weight<br>kg/m |
|---------|-------------------------------|------------------|----------------|----------------|
| 1,5     | Austenitic<br>stainless steel | 3                | <b>608943N</b> | 0,95           |
| 2       | Austenitic<br>stainless steel | 6                | <b>608983N</b> | 1,06           |

- Colour: white.
- Min. curvature radius: 200 mm.
- Linear expansion coefficient:  $4 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres.
- Accessories:

Guide - Rail  
Clamps.



## Part. S0273



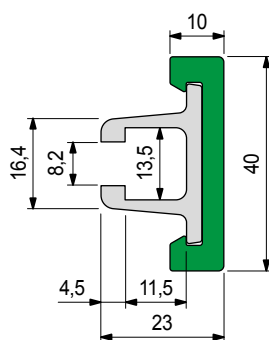
## Part. S0765



## Part. S0422



### ■ Guide rail (extra flat)

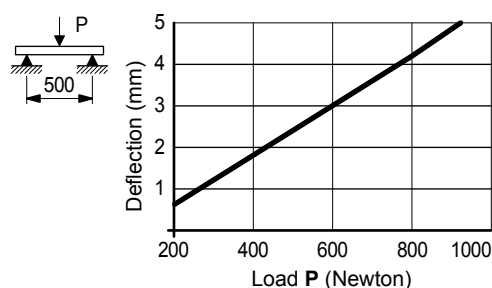


| Metal profile material | Length metres | Code          | Weight kg/m |
|------------------------|---------------|---------------|-------------|
| Anodized aluminium     | 3             | <b>65248M</b> | 0,70        |
|                        | 6             | <b>65258M</b> |             |

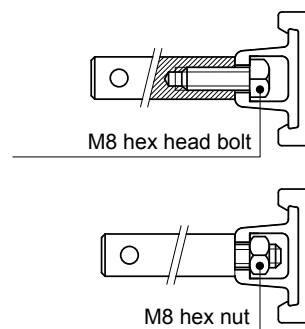
- Use: rugged containers.
- Material: plastic profile in polyethylene UHMWPE (green).
- State of supply: the plastic and metal profiles are supplied assembled.
- Plastic Profile spare part. (green): S088568309 (6 metres).
- Plastic Profile spare part. (ULF): S0885648423 (6 metres).
- Metal Profile in Anodized aluminium spare part: S0884608662 (3 metres).
- Min. curvature radius: 280 mm.
- Packaging: 24 metres.

- **Material:** Polyethylene UHMWPE with molecular density 5.600.000 g/mol.  
Characteristics: new material Polyethylene ULF brown red (UHMWPE): reduced friction coefficient, higher wear resistance.
- **Linear expansion coefficient:**  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$   
Calculation of thermal expansion see Technical information.
- **Operating temperature Green Black:**  
In air (- 40 to + 80 °C).  
In hot water (+ 70 °C).

### • Deflection



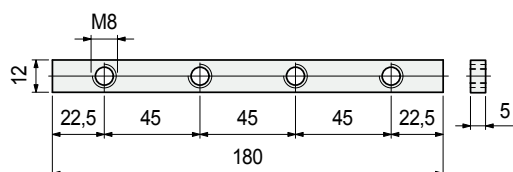
### • Fixing of Part. S0422



## Part. S0369



### ■ Connecting bar

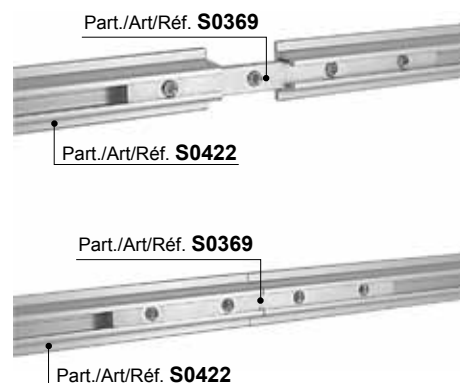


| Material          | Code         | Weight kg/m |
|-------------------|--------------|-------------|
| Zinc plated steel | <b>69995</b> | 0,10        |

- Packaging: 8 pieces.

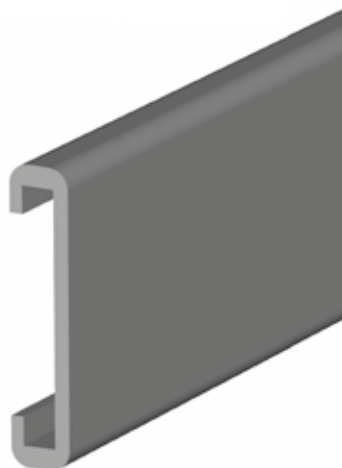
### • Assembly of Part. S0369

Insert the guides and tighten the set screws.

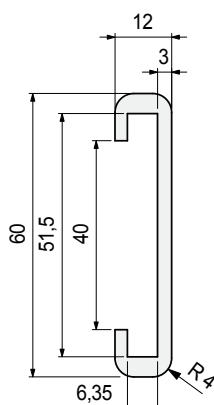


This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## Part. S0642



### ■ Guide rail (extra flat)



| Material | Length metres | Code   |
|----------|---------------|--------|
| UHMWPE   |               |        |
| Black    | 3             | 652292 |

- Linear expansion coefficient:  $2 \times 10^{-4} \text{ }^{\circ}\text{C}^{-1}$ .  
Calculation of thermal expansion see Technical information.
- Packaging: 3 metres.
- Accessories:

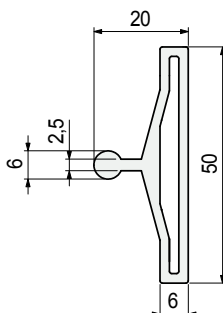


Metal profile  
Part. S0643.

## Part. S0643



### ■ Metal profile



| Metal profile material | Length metres | Code   |
|------------------------|---------------|--------|
| Anodized aluminium     | 3             | 652302 |

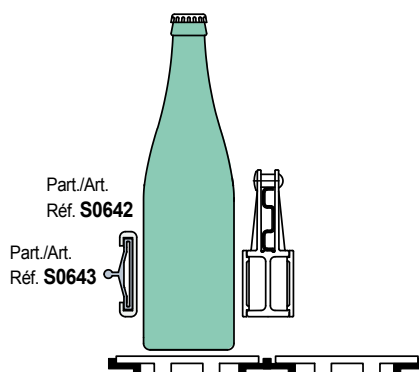
- Can be used in combination with Part. S0642.
- Packaging: 3 metres.
- Accessories:



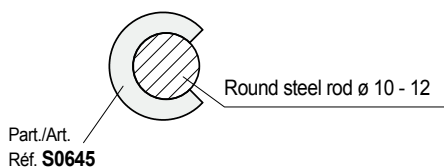
Guide - Rail  
Clamps.

### • Use of Part. S0642 - S0643

Rugged containers with delicate surface (for example decorated glass bottles).

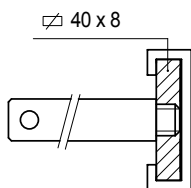


- **Use of Part. S0645**  
Protection of round steel rods

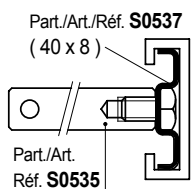


- **Fixing of Part. S0539**  
Assembly / disassembly

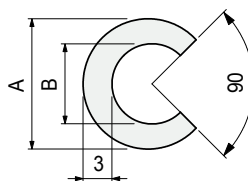
- Fixing with plate.



- Fixing with metal profile Part. S0537.



## Profile for round steel rods



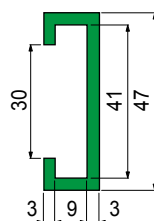
| Material | Use          | A mm | B mm | Code   |
|----------|--------------|------|------|--------|
| UHMWPE   |              |      |      |        |
| White    | for rod ø 12 | 17   | 11   | 652352 |

- Linear expansion coefficient:  $2 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$ .
- Standard packaging: coil.
- Packaging: 50 metres.

## Part. S0645



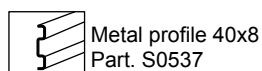
## Guide rail (extra flat)



| Material | Length metres | Code   | Weight kg/m |
|----------|---------------|--------|-------------|
| Black    | 6             | 689321 | 0,23        |
| Green    | 3             | 689291 |             |

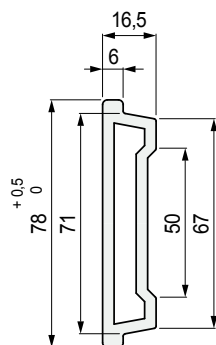
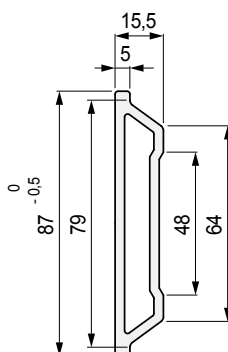
- Material: Polyethylene PE 500.000.
- Linear expansion coefficient:  $2,5 \times 10^{-4} \text{ } ^\circ\text{C}^{-1}$ .
- Calculation of thermal expansion see Technical information.
- Packaging: 24 metres (in 3 m length).
- 48 metres (in 6 m length).
- Accessories:

## Part. S0539



Metal profile 40x8  
Part. S0537

**Part. S0191**
**Part. S0296**

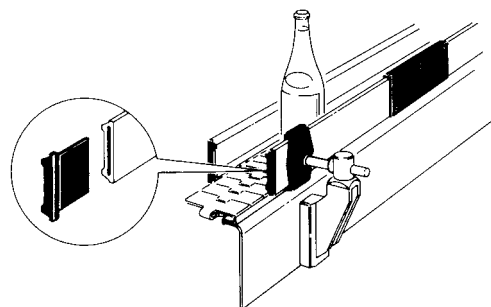
**Guide rail (extra-large)**
**Part. S0191**

**Part. S0296**


| Material | Length metres | Code              | Weight kg/m |
|----------|---------------|-------------------|-------------|
| Black    | 3             | <b>S019157131</b> | 0,60        |
|          | 3             | <b>S029668811</b> |             |

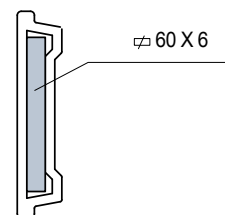
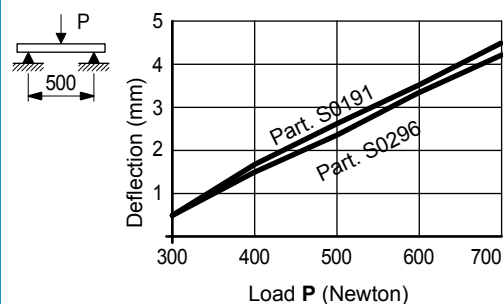
- Material: polyethylene PE 500.000.
- Min. curvature radius: 200 mm.
- Linear expansion coefficient:  $2,5 \times 10^{-4} \text{ }^{\circ}\text{C}^{-1}$ .  
Calculation of thermal expansion see Technical information.
- Packaging: 15 metres (in 3 m length).
- Accessories:


 Guide - Rail  
Clamps.

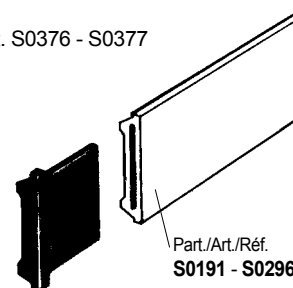
 Guide rail bending  
machine (manual)  
Part. S0218.

**Use of Part. S0191 - S0296**


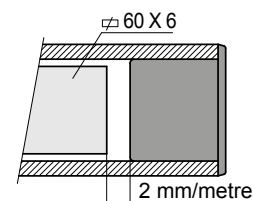
- The guide rails must be used with a 60 x 6 plate


**Deflection of Part. S0191 - S0296**


- **Assembly of Part. S0376 - S0377**  
Press-fit.  
Seal with silicon.



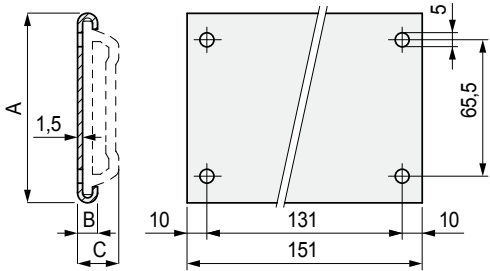
- Leave a gap between the plug and the plate to allow for contraction at low temperatures.



Part. **S0378**



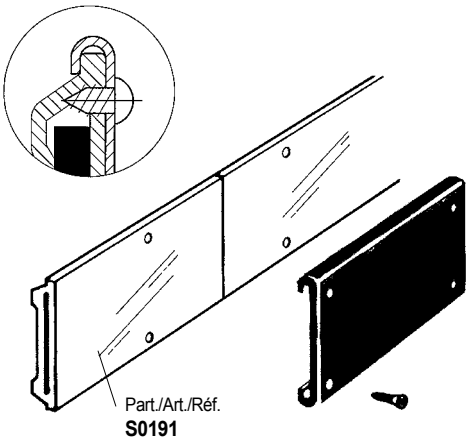
Joint clamp



| Use                       | A<br>mm | B<br>mm | C<br>mm | Code              |
|---------------------------|---------|---------|---------|-------------------|
| Applicable to Part. S0191 | 81,5    | 9       | 18      | <b>S037863646</b> |

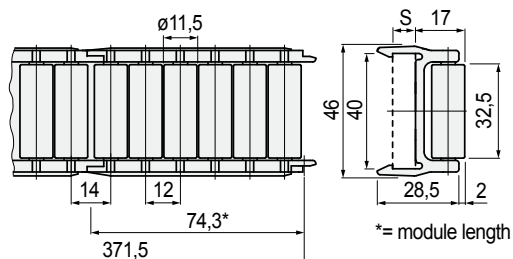
- Material: clamp and fixing screws in austenitic stainless steel.
- Standard packaging: 24 pieces complete with fixing screws.

• **Assembly of Part. S0378**  
Assembly with self-tapping screws  
4,8 x 9,5 DIN 7970



# Part. S0581

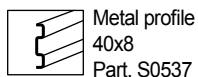
## Roller side guide



### Sideflexing

| Version        | S<br>mm | Code   | Weight<br>kg/m |
|----------------|---------|--------|----------------|
| For 40x8 plate | 6       | 603322 | 0,62           |

- Material: frame in acetal POM (black), rollers in Polyethylene PE (white).
- Standard packaging: strands of 0,371 metres (5 modules).
- Packaging: 4,5 metres (12 strands).
- Accessories:



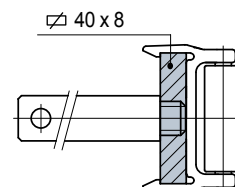
### • Use of Part. S0581- S0585

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

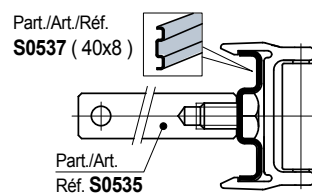
### • Fixing of Part. S0581

Snap-on assembly / disassembly

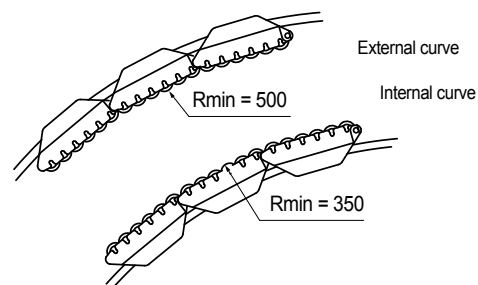
- Fixing with plate.



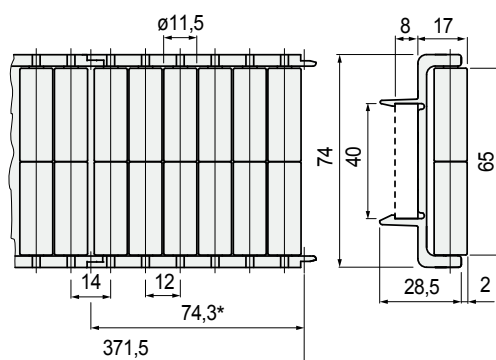
- Fixing with metal profile Part. S0537.



### • Min. curvature radius Part. S0581

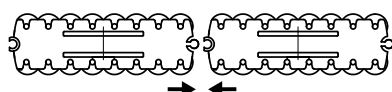
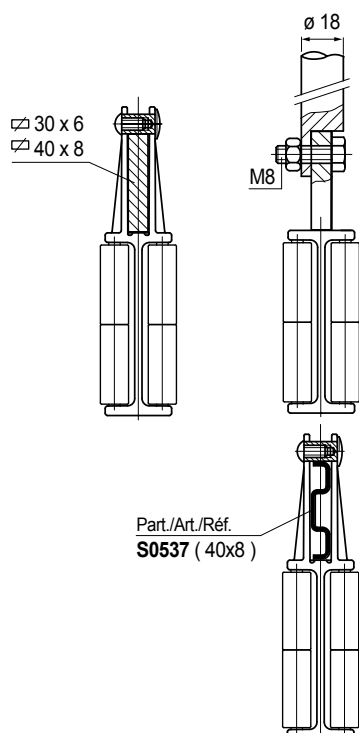
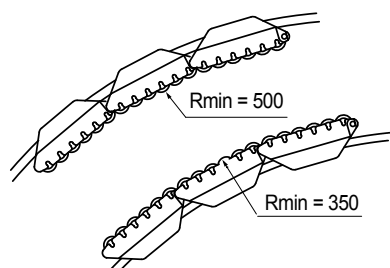


# S0581



Part./Art./Réf.  
**S0537 (40x8)**

Part./Art.  
Réf. **S0535**



| Version        | Code          | Weight<br>kg |
|----------------|---------------|--------------|
| For 40x8 plate | <b>603312</b> | 1,01         |

- Material: frame in acetal POM (black), rollers in Polyethylene PE (white).
- Standard packaging: strands of 0,371 metres (5 modules).
- Packaging: 4,5 metres (12 strands).
- Accessories:

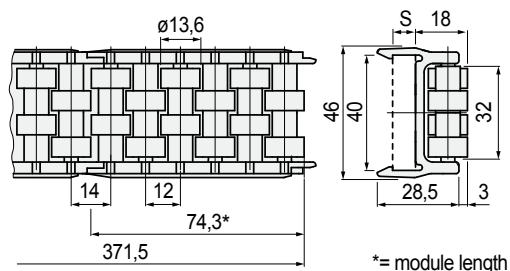
 Metal profile  
40x8  
Part. S0537

## Part. S0580

### Roller side guide



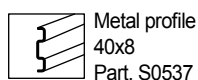
Sideflexing



\*= module length

| Version         | S<br>mm | Code          | Weight<br>kg/m |
|-----------------|---------|---------------|----------------|
| For 40x8 plate  | 8       | <b>603302</b> | 0,61           |
| For 40x10 plate | 10      | <b>611772</b> |                |

- Material: frame in Acetal POM (black), rollers in Acetal POM (white).
- Standard packaging: strands of 0,371 metres (5 modules).
- Packaging: 4,5 metres (12 strands).
- Accessories:

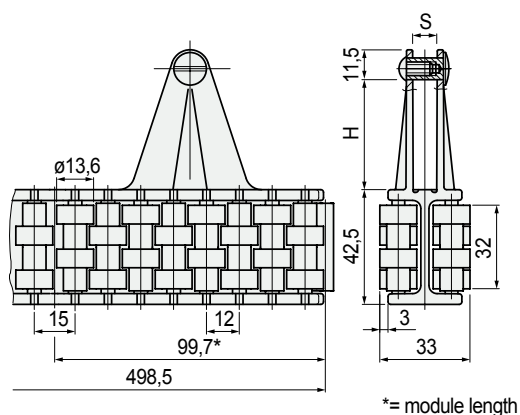


## Part. S0557

### Centre roller guide



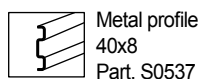
Sideflexing



\*= module length

| Version        | H<br>mm | S<br>mm | Code           | Weight<br>kg/m |
|----------------|---------|---------|----------------|----------------|
| For 30x6 plate | 40      | 8       | <b>695991N</b> | 1,22           |

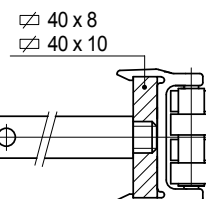
- Can be used in combination with Part. S0580.
- Material: frame in Acetal POM (black), rollers in Acetal POM (white).
- Min. curvature radius: 335 mm.
- Standard packaging: strands of 0,498 metres (5 modules).
- Packaging: 4,5 metres (9 strands).
- Accessories:



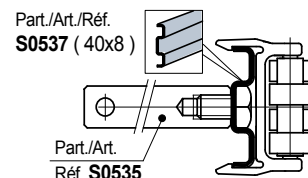
#### Fixing of Part. S0580

Snap-on assembly / disassembly

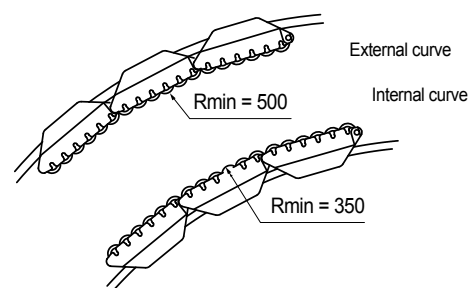
- Fixing with plate.



- Fixing with metal profile Part. S0537.



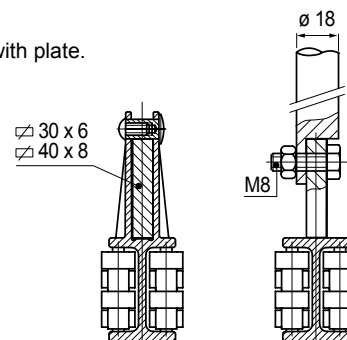
#### Min. curvature radius Part. S0580



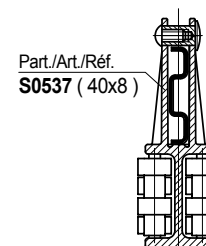
#### Fixing of Part. S0557

Assembly / disassembly.

- Fixing with plate.

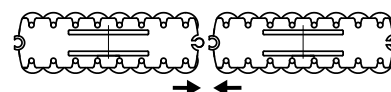


- Fixing with metal profile Part. S0537.



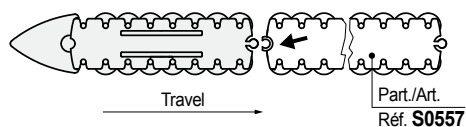
#### Modular system Part. S0580 - S0557

The guide consists of modules with snap-on assembly.

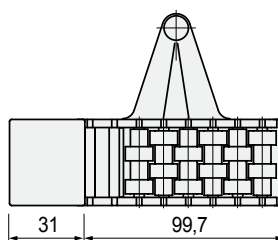


## • Assembly of Part. S0570

Guide position (Part. S0557) to allow assembly with divider module.



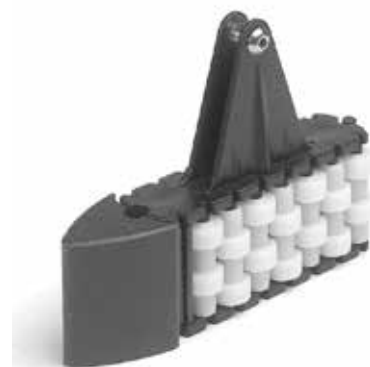
## ■ Divider module



| Version        | Code    | Weight<br>kg |
|----------------|---------|--------------|
| For 40x8 plate | 601162N | 0,15         |

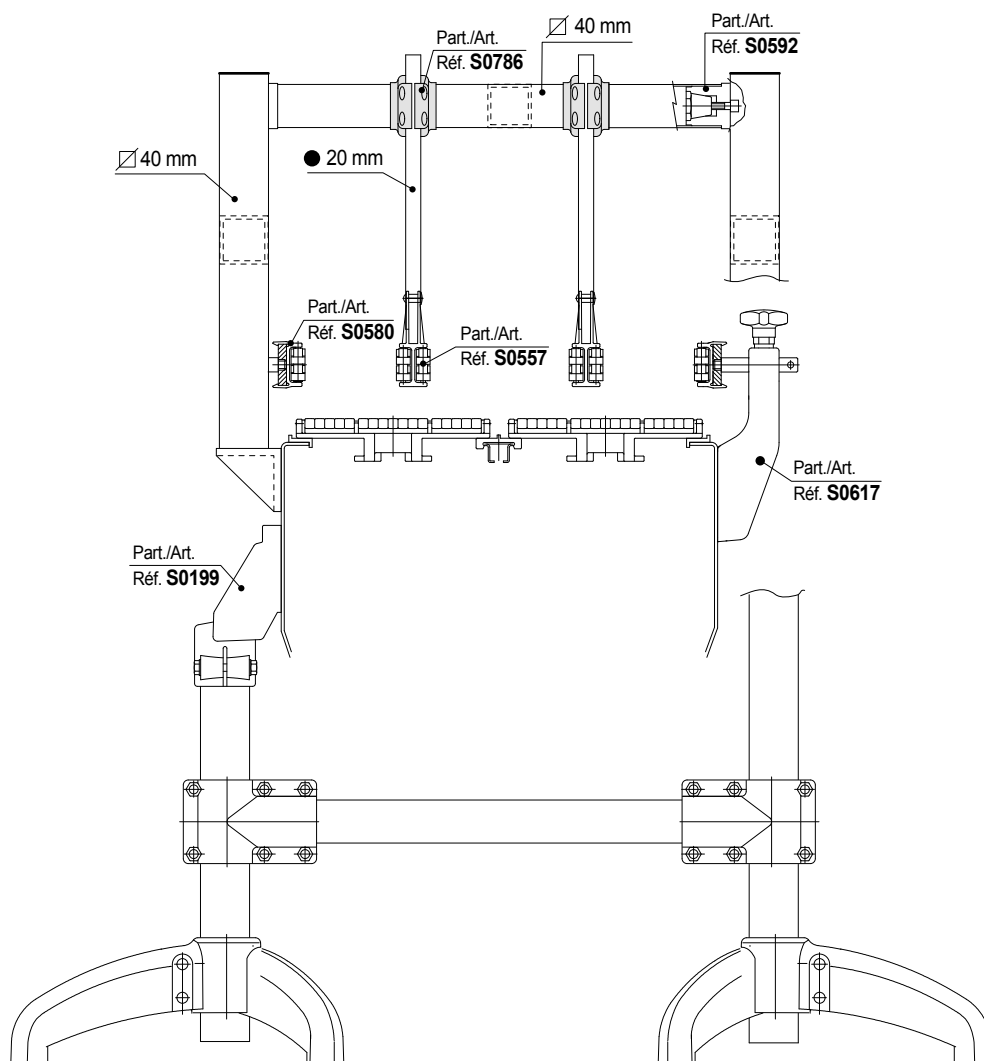
- Material: frame in Acetal POM (black), rollers in Acetal POM (white). Separation block in polyethylene PE (black).
- Packaging: 2 pieces.

## Part. S0570



## • Use of Part. S0580 - S0557

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

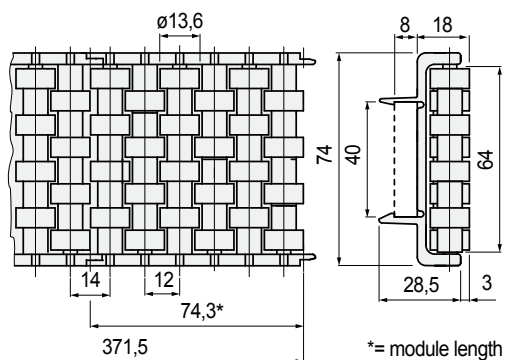


# Part. S0580

## Roller side guide



Sideflexing



\*= module length

| Version        | Code   | Weight<br>kg |
|----------------|--------|--------------|
| For 40x8 plate | 603292 | 0,99         |

- Material: frame in Acetal POM (black), rollers in Acetal POM (white).
- Standard packaging: strands of 0,371 metres (5 modules).
- Packaging: 4,5 metres (12 strands).
- Accessories:

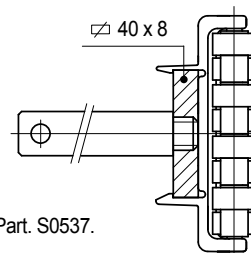


Metal profile  
40x8  
Part. S0537

- **Use of Part. S0580 - S0557**  
For medium strength containers (tin cans, glass, strong aluminium cans).

- **Fixing of Part. S0580**  
Snap-on assembly / disassembly

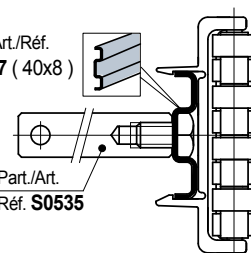
- Fixing with plate.



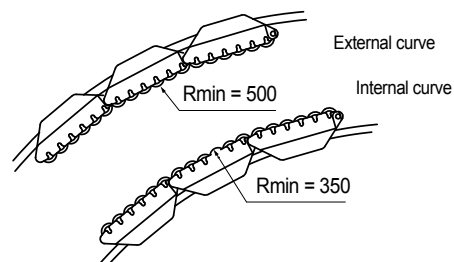
- Fixing with metal profile Part. S0537.

Part./Art./Réf.  
**S0537** ( 40x8 )

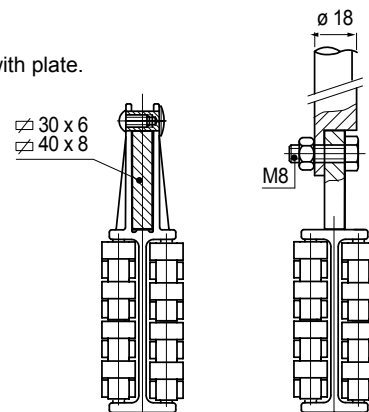
Part./Art.  
Réf. **S0535**



- **Min. curvature radius Part. S0580**

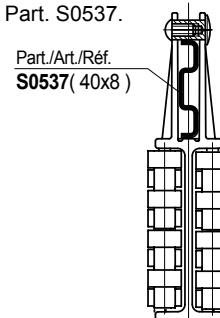


- Fixing with plate.



- Fixing with metal profile Part. S0537.

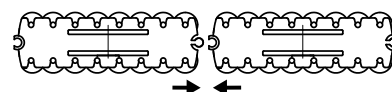
Part./Art./Réf.  
**S0537**( 40x8 )



- **Fixing of Part. S0557**  
Assembly / disassembly.

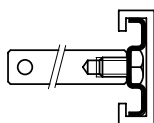
- **Modular system Part. S0580 - S0557**

The guide consists of modules with snap-on assembly.

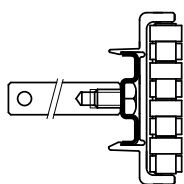


- Types of guides using our 40x8 metal profile.

Part. S0539



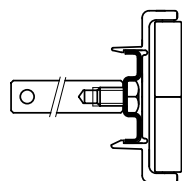
Part. S0580



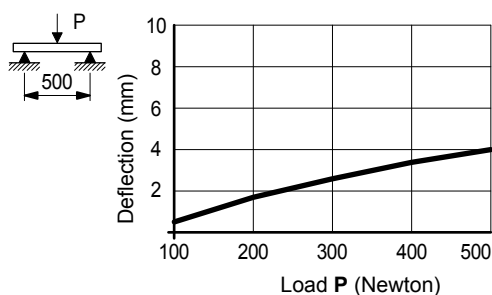
Part. S0557



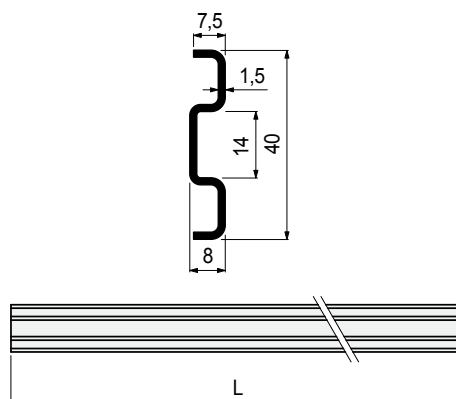
Part. S0581



- Deflection of Part. S0537



## Metal profile 40x8



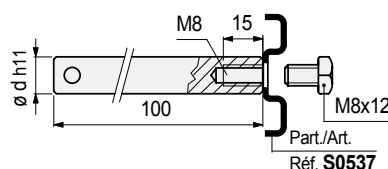
## Part. S0537



| Material                   | Length<br>L<br>mm | Code   |
|----------------------------|-------------------|--------|
| Austenitic stainless steel | 3209              | 689231 |

- Min. curvature radius: 500 mm.
- Weight: 0,72 Kg/m.
- Packaging: 19,25 metres (in 3209 mm length),
- Accessories:

## Bolts set



## Part. S0535

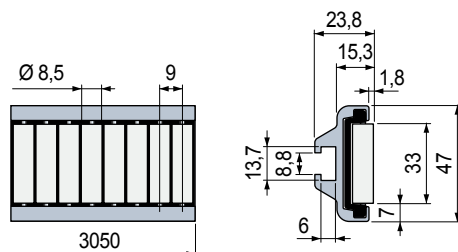


| pin dia.<br>d<br>mm | Code   | Weight<br>kg/m |
|---------------------|--------|----------------|
| 12                  | 684641 | 0,12           |

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

# Part. **S0757**

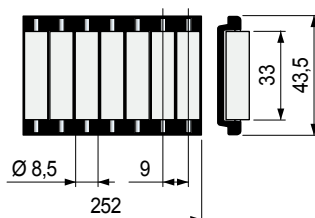
## ■ Roller side guides with cylinder rollers



| Cylinder rollers material | Code          | Weight<br>kg |
|---------------------------|---------------|--------------|
| Polyethylene PE (white)   | <b>645083</b> | 1,20         |

- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.

### Cylinder roller module

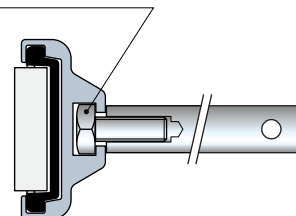


| Code          | Cylinder<br>rollers material | Code          |
|---------------|------------------------------|---------------|
| <b>607933</b> | Polyethylene PE              | <b>644613</b> |
| <b>607943</b> | (white)                      |               |

- **Characteristics** Part. S0757
  - Self supporting structure.
  - Anodized aluminium profile.
  - Quick and easy installation by standard bolts.
  - Can be used straight running and sideflexing.

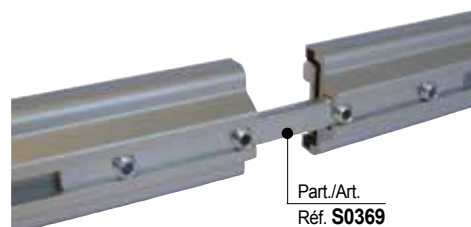
### • Assembly Part. S0757

#### M8 hex head bolt



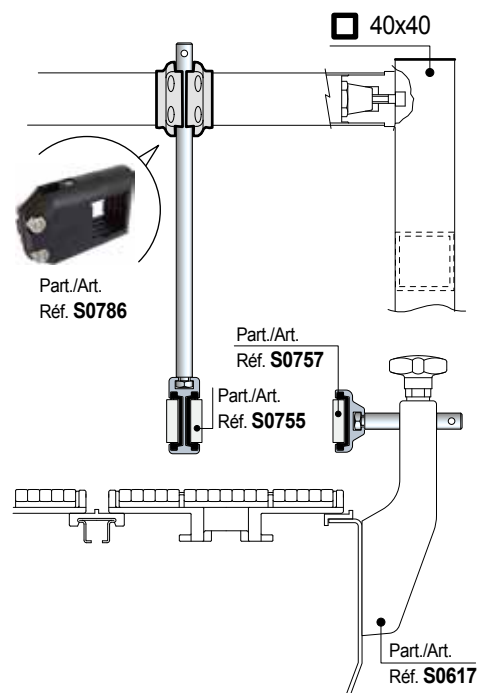
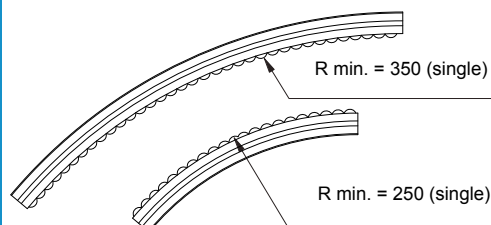
### • Accessories

Part. S0369 - Connecting bar



For assembly insert the guides and tighten the set screw.

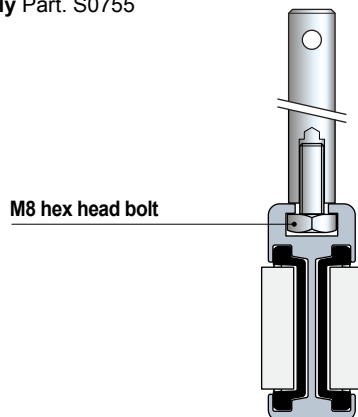
### • Min. curvature radius Part. S0757



## • Characteristics Part. S0755

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.

## • Assembly Part. S0755

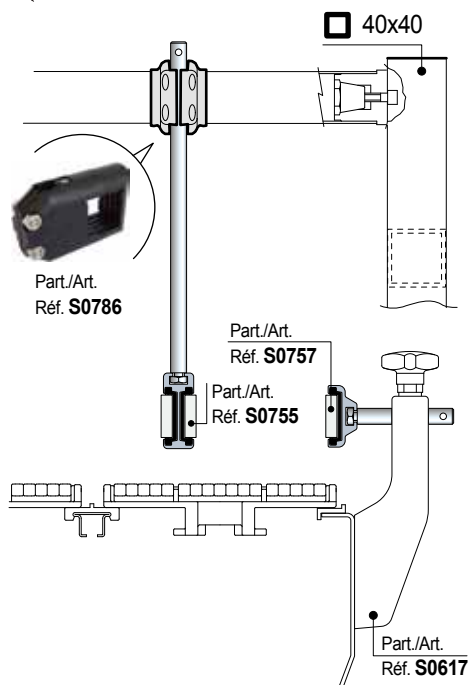
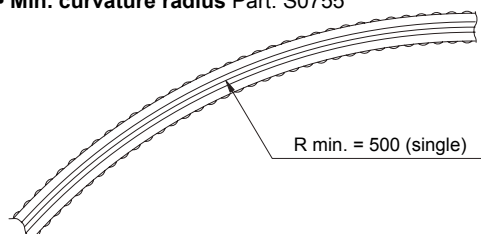


## • Accessories

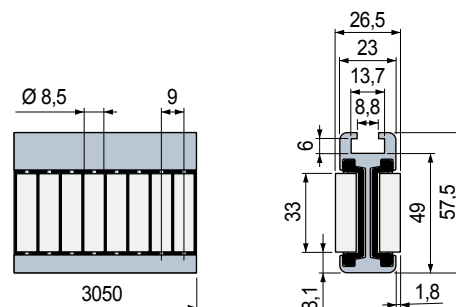
Part. S0369 - Connecting bar



## • Min. curvature radius Part. S0755



## ■ Centre guide with cylinder rollers



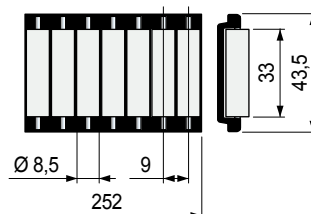
## Part. S0755



| Cylinder rollers material | Code          | Weight<br>kg |
|---------------------------|---------------|--------------|
| Polyethylene PE (white)   | <b>645103</b> | 1,75         |

- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.

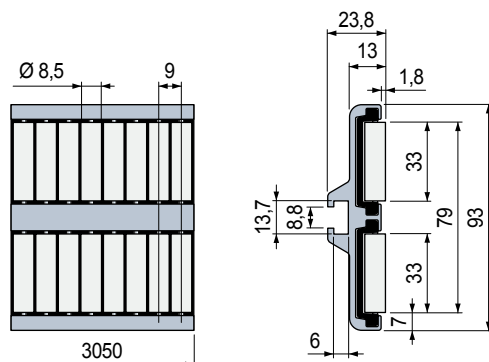
## Cylinder roller module



| Cylinder rollers material | Code          |
|---------------------------|---------------|
| Polyethylene PE (white)   | <b>644613</b> |

# Part. S0757

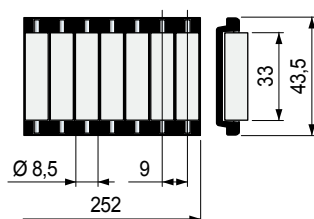
## Roller side guides with cylinder rollers



| Cylinder rollers material | Code          | Weight<br>kg |
|---------------------------|---------------|--------------|
| Polyethylene PE (white)   | <b>645093</b> | 2,00         |

- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.

### Cylinder roller module

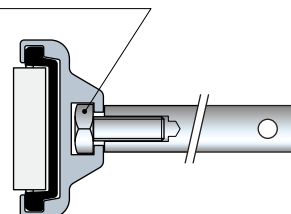


| Cylinder rollers material | Code          |
|---------------------------|---------------|
| Polyethylene PE (white)   | <b>644613</b> |

- **Characteristics** Part. S0757
  - Self supporting structure.
  - Anodized aluminium profile.
  - Quick and easy installation by standard bolts.
  - Can be used straight running and sideflexing.

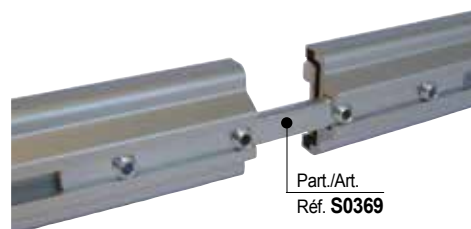
### Assembly Part. S0757

#### M8 hex head bolt



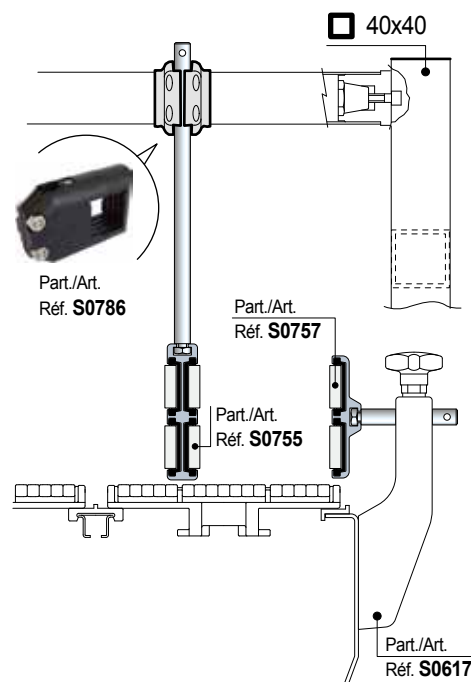
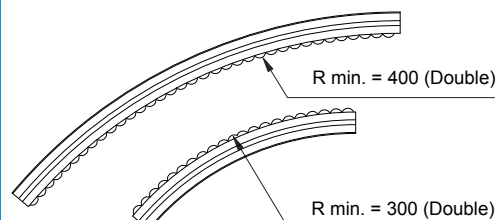
### Accessories

Part. S0369 - Connecting bar



For assembly insert the guides and tighten the set screw.

### Min. curvature radius Part. S0757

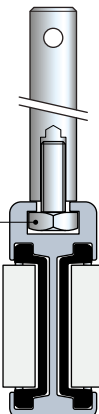


## • Characteristics Part. S0755

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.

## • Assembly Part. S0755

M8 hex head bolt



## • Accessories

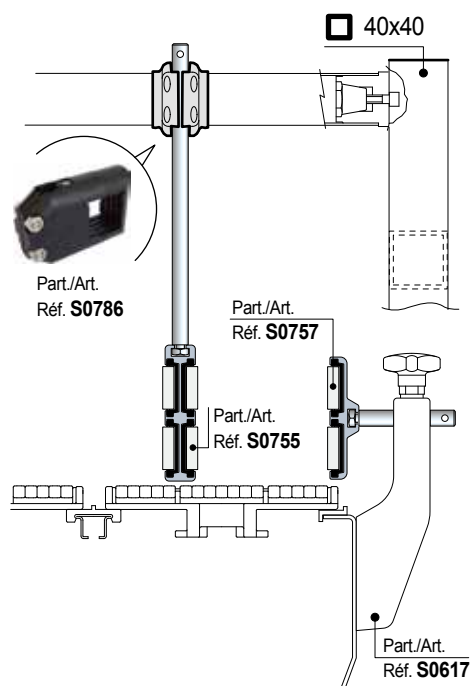
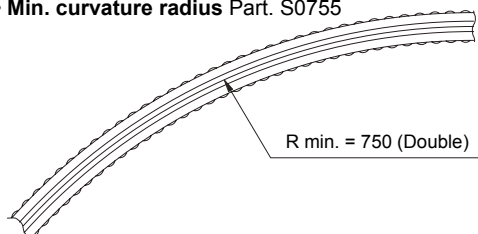
Part. S0369 - Connecting bar

Part./Art.  
Réf. **S0369**

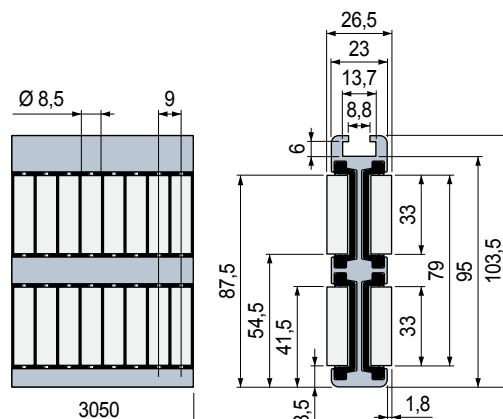


For assembly insert the guides and tighten the set screw.

## • Min. curvature radius Part. S0755



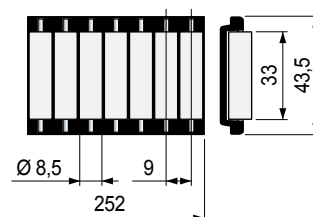
## ■ Centre guide with cylinder rollers



| Cylinder rollers material | Code          | Weight kg |
|---------------------------|---------------|-----------|
| Polyethylene PE (white)   | <b>645113</b> | 3,00      |

- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.

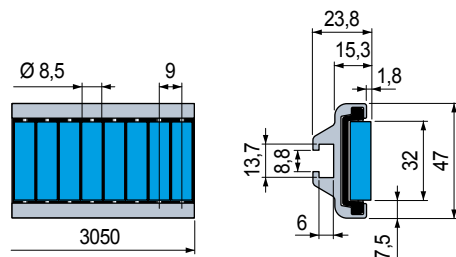
## Part. S0755



| Cylinder rollers material | Code          |
|---------------------------|---------------|
| Polyethylene PE (white)   | <b>644613</b> |

# Part. S0868

## Roller side guides with cylinder rollers



| Cylinder rollers material | Code          | Weight<br>kg |
|---------------------------|---------------|--------------|
| SEBS rubber (Blue)        | <b>647573</b> | 1,20         |

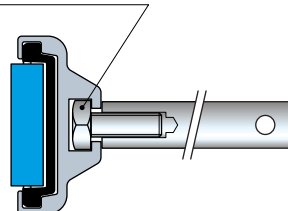
- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.

### • Characteristics Part. S0868

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.

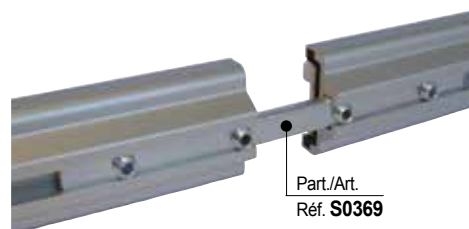
### • Assembly Part. S0868

#### M8 hex head bolt



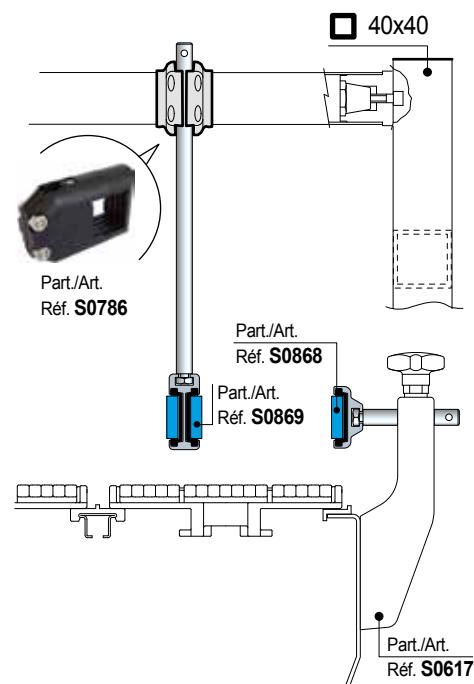
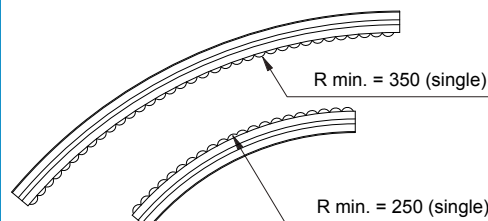
### • Accessories

Part. S0369 - Connecting bar



For assembly insert the guides and tighten the set screw.

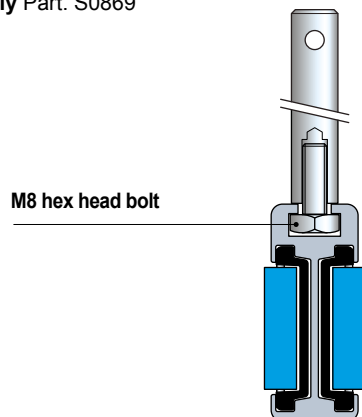
### • Min. curvature radius Part. S0868



## • Characteristics Part. S0869

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.

## • Assembly Part. S0869

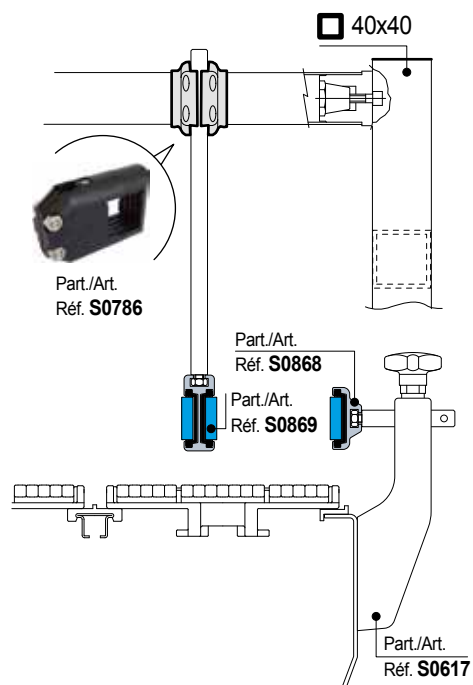
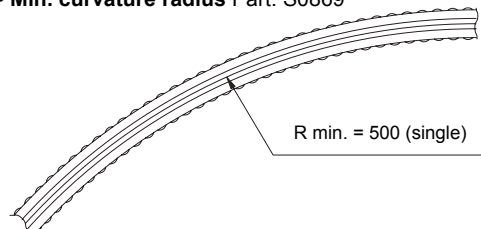


## • Accessories

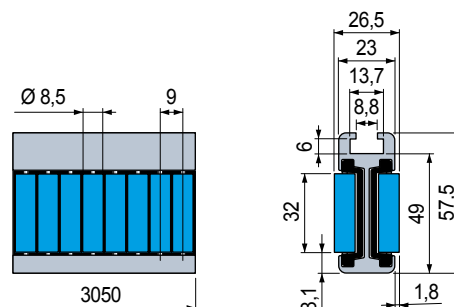
Part. S0369 - Connecting bar



## • Min. curvature radius Part. S0869



## ■ Centre guide with cylinder rollers



| Cylinder rollers material | Code   | Weight<br>kg |
|---------------------------|--------|--------------|
| SEBS rubber (Blue)        | 647583 | 1,75         |

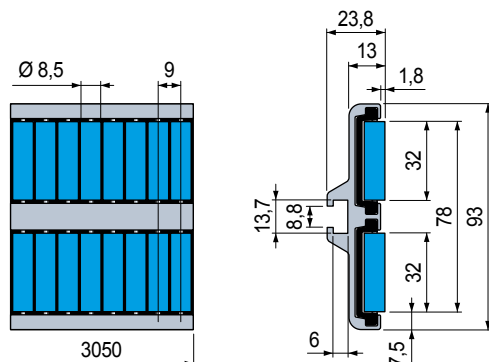
- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.

## Part. S0869



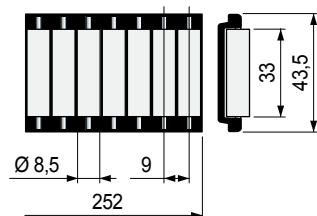
# Part. S0868

## Roller side guides with cylinder rollers



| Cylinder rollers material | Code          | Weight<br>kg |
|---------------------------|---------------|--------------|
| SEBS rubber (blue)        | <b>647593</b> | 2,00         |

- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.



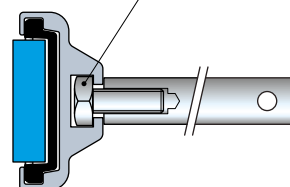
| Cylinder rollers material | Code          |
|---------------------------|---------------|
| Polyethylene PE (white)   | <b>644623</b> |

### Characteristics Part. S0868

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.

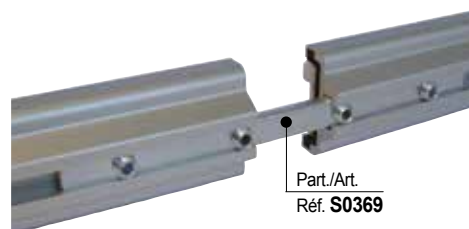
### Assembly Part. S0868

#### M8 hex head bolt



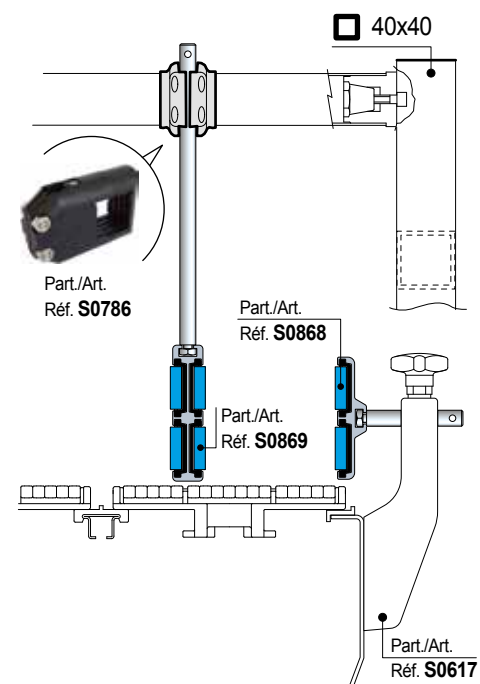
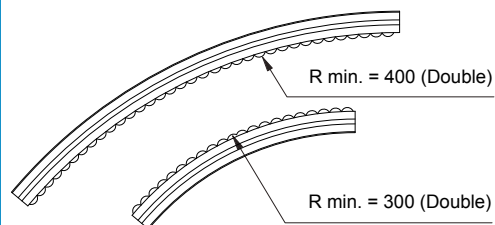
### Accessories

Part. S0369 - Connecting bar



For assembly insert the guides and tighten the set screw.

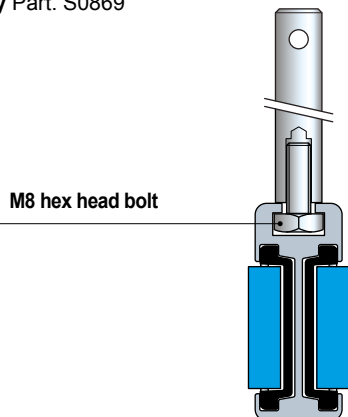
### Min. curvature radius Part. S0868



## • Characteristics Part. S0869

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.

## • Assembly Part. S0869

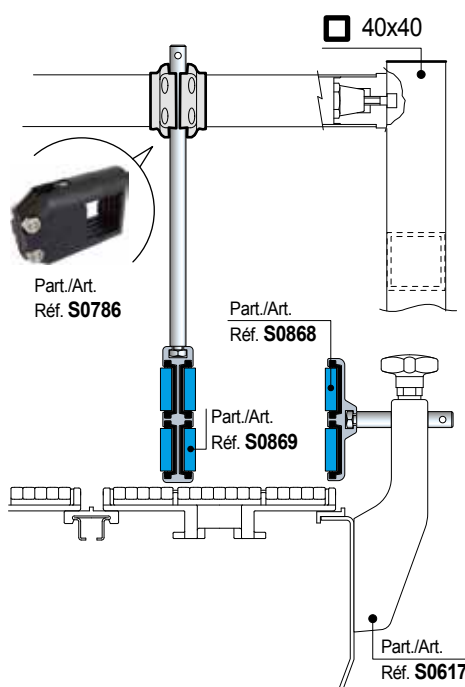
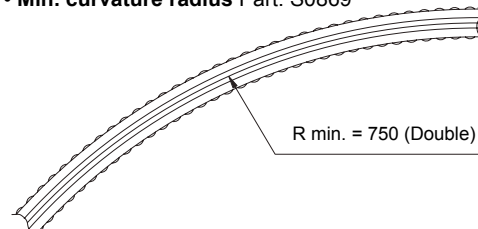


## • Accessories

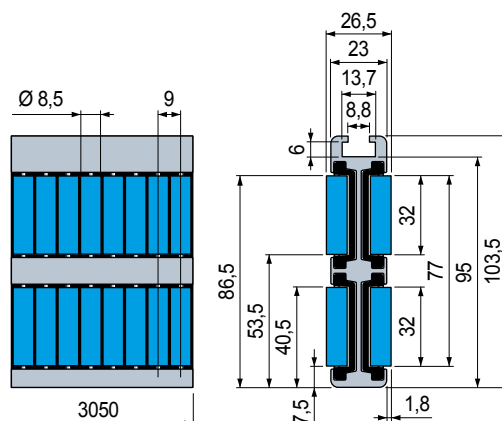
Part. S0369 - Connecting bar



## • Min. curvature radius Part. S0869

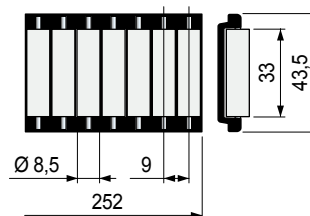


## ■ Centre guide with cylinder rollers



| Cylinder rollers material | Code          | Weight kg |
|---------------------------|---------------|-----------|
| SEBS rubber (blue)        | <b>647603</b> | 3,00      |

- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.



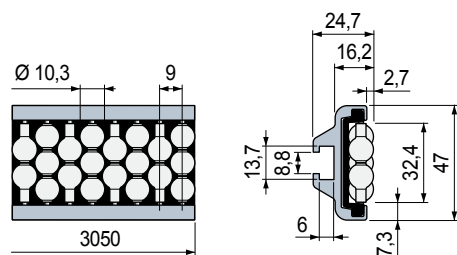
| Cylinder rollers material | Code          |
|---------------------------|---------------|
| Polyethylene PE (white)   | <b>644623</b> |

## Part. S0869



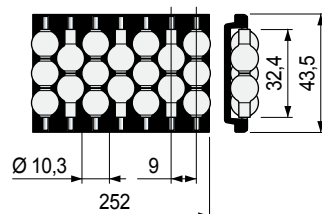
# Part. S0756

## Pearl roller side guide



| Pearl material              | Code          | Weight<br>kg |
|-----------------------------|---------------|--------------|
| Polyethylene PE (Aubergine) | <b>645123</b> | 1,15         |
| Polyethylene PE (white)     | <b>645133</b> |              |

- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.



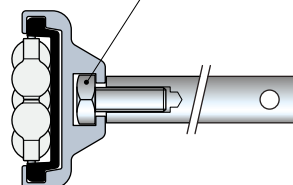
| Pearl material              | Code          |
|-----------------------------|---------------|
| Polyethylene PE (Aubergine) | <b>644653</b> |
| Polyethylene PE (white)     | <b>644633</b> |

### Characteristics Part. S0756

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.

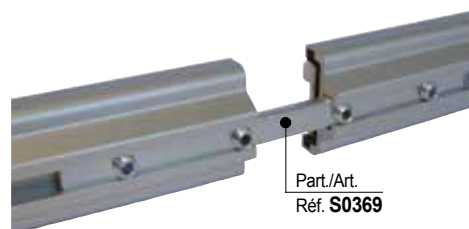
### Assembly Part. S0756

#### M8 hex head bolt



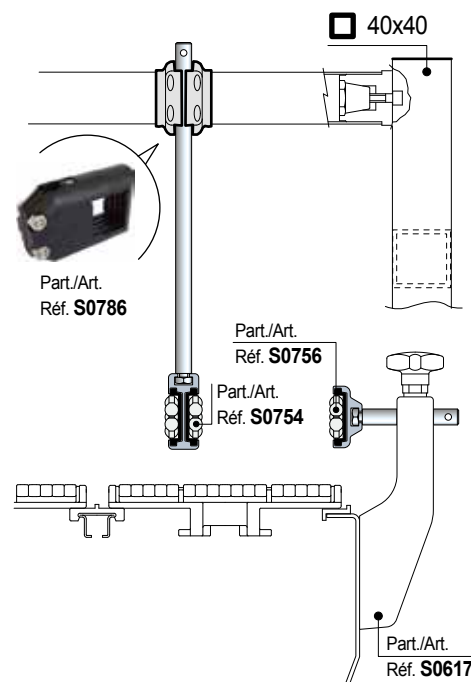
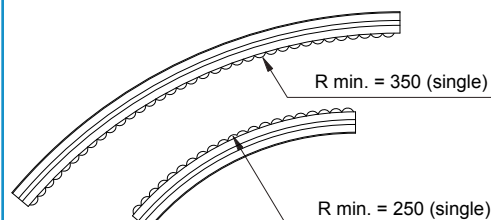
### Accessories

Part. S0369 - Connecting bar



For assembly insert the guides and tighten the set screw.

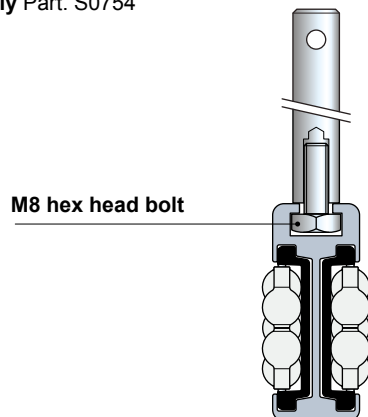
### Min. curvature radius Part. S0756



## • Characteristics Part. S0754

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.

## • Assembly Part. S0754

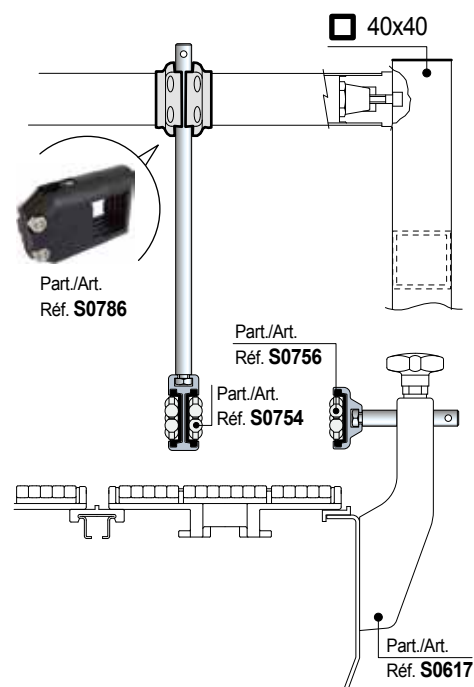
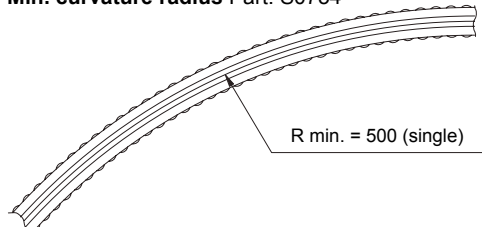


## • Accessories

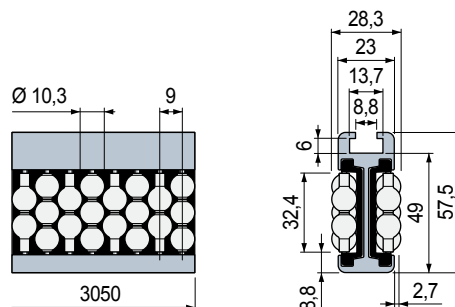
Part. S0369 - Connecting bar



## • Min. curvature radius Part. S0754

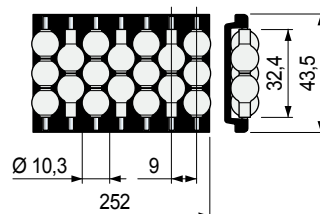


## ■ Pearls roller centre guide



| Pearl material          | Code   | Weight<br>kg |
|-------------------------|--------|--------------|
| Polyethylene PE (white) | 645173 | 1,70         |

- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.



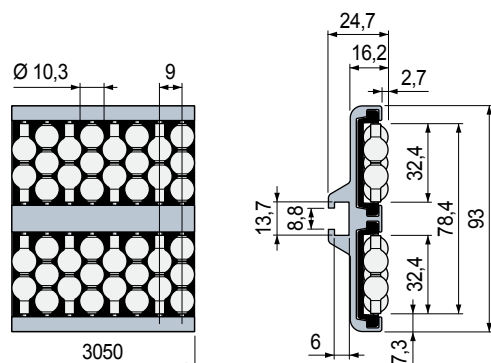
| Pearl material              | Code   |
|-----------------------------|--------|
| Polyethylene PE (Aubergine) | 644653 |
| Polyethylene PE (white)     | 644633 |

## Part. S0754



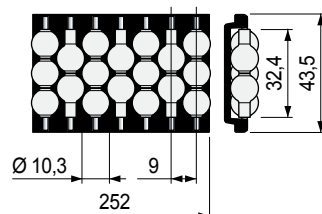
# Part. S0756

## ■ Pearl roller side guide



| Pearl material              | Code          | Weight kg |
|-----------------------------|---------------|-----------|
| Polyethylene PE (Aubergine) | <b>645143</b> | 1,95      |
| Polyethylene PE (white)     | <b>645153</b> |           |

- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.



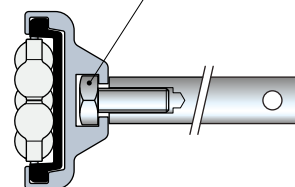
| Pearl material              | Code          |
|-----------------------------|---------------|
| Polyethylene PE (Aubergine) | <b>644653</b> |
| Polyethylene PE (white)     | <b>644633</b> |

### • Characteristics Part. S0756

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.

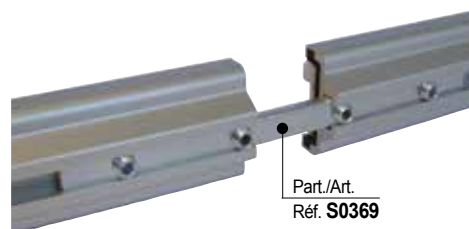
### • Assembly Part. S0756

#### M8 hex head bolt



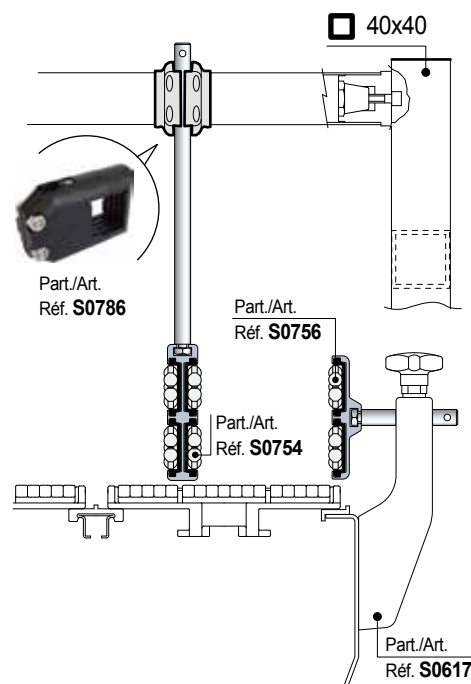
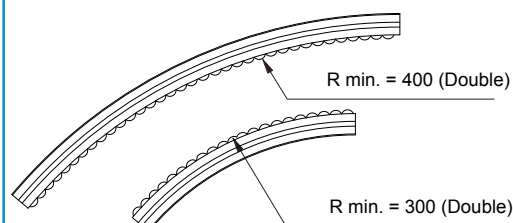
### • Accessories

Part. S0369 - Connecting bar

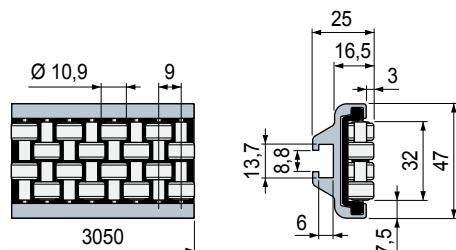
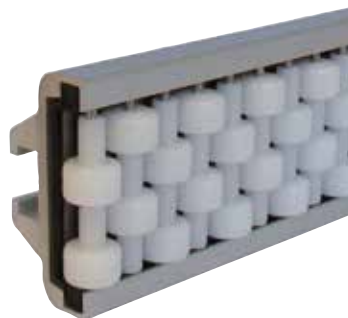


For assembly insert the guides and tighten the set screw.

### • Min. curvature radius Part. S0756



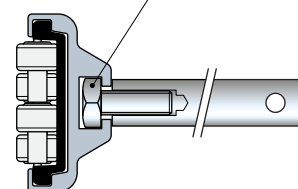
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

**Part. S0856**
**Roller side guides**


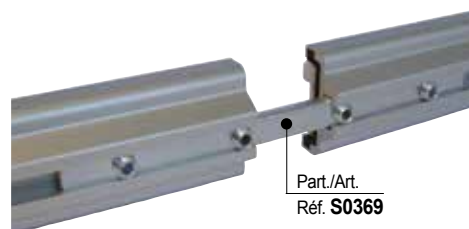
| Rollers material   | Code          | Weight<br>kg |
|--------------------|---------------|--------------|
| Acetal POM (white) | <b>645203</b> | 1,20         |

- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.

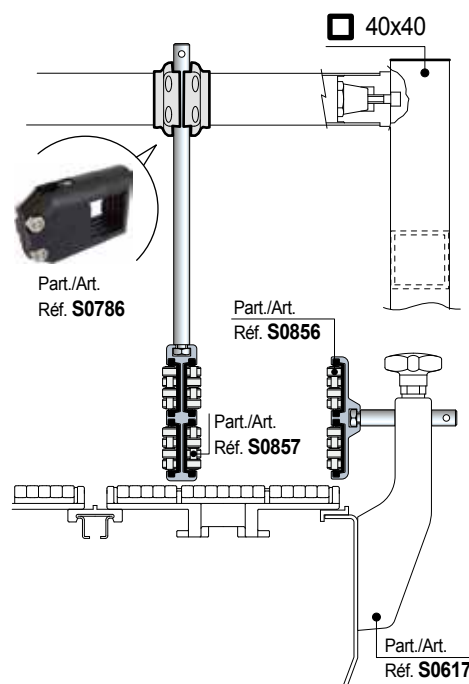
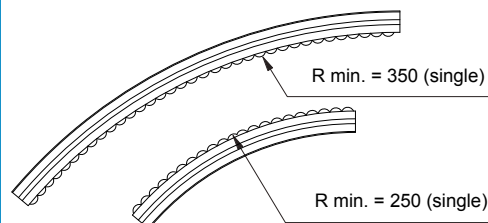
- **Characteristics** Part. S0856
  - Self supporting structure.
  - Anodized aluminium profile.
  - Quick and easy installation by standard bolts.
  - Can be used straight running and sideflexing.

**Assembly Part. S0856**
**M8 hex head bolt**

**Accessories**

Part. S0369 - Connecting bar



For assembly insert the guides and tighten the set screw.

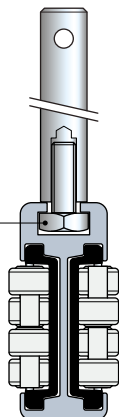
**Min. curvature radius Part. S0856**


## • Characteristics Part. S0857

- Self supporting structure.
- Anodized aluminium profile.
- Quick and easy installation by standard bolts.
- Can be used straight running and sideflexing.

## • Assembly Part. S0857

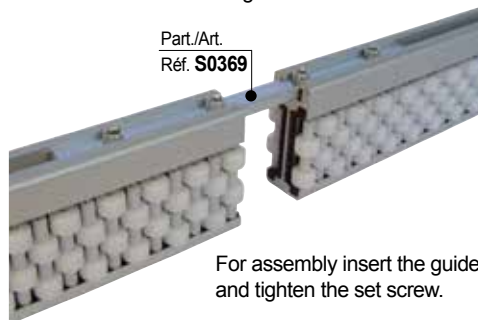
M8 hex head bolt



## • Accessories

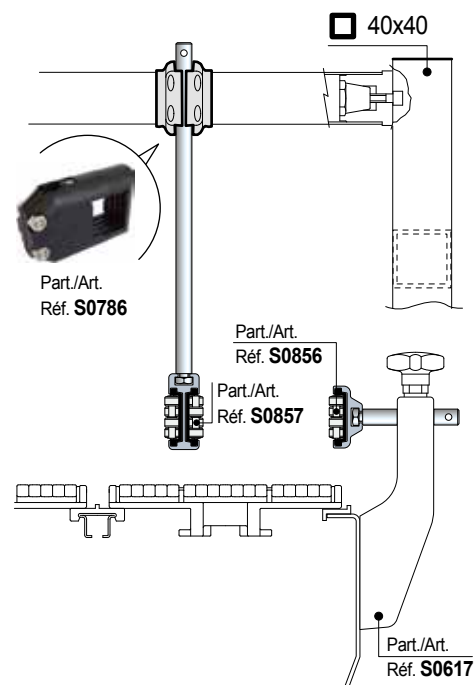
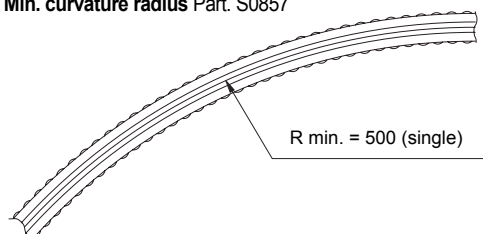
Part. S0369 - Connecting bar

Part./Art.  
Réf. S0369

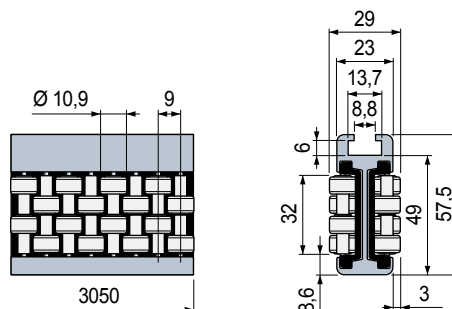


For assembly insert the guides and tighten the set screw.

## • Min. curvature radius Part. S0857



## ■ Roller centre guides



## Part. S0857



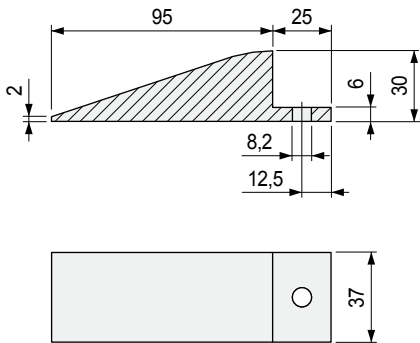
| Rollers material   | Code   | Weight kg |
|--------------------|--------|-----------|
| Acetal POM (white) | 645223 | 1,75      |

- Material: metal profile in anodized aluminium, rollers module in acetal POM (black), roller pins in stainless steel.
- Standard packaging: strands 3,05 metres.
- Packaging: 2 strands.

Part. **S0760**



■ Side separation block

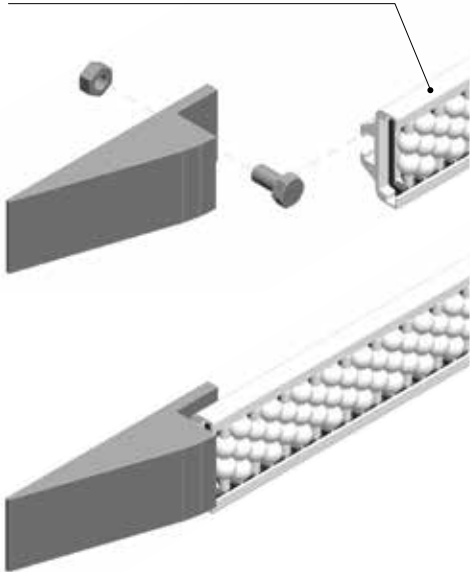


| Code   | Weight<br>kg |
|--------|--------------|
| 613433 | 0,05         |

- Material: separation block in Polyethylene PE (white), bolt in austenitic stainless steel.
- Packaging: 2 pieces.

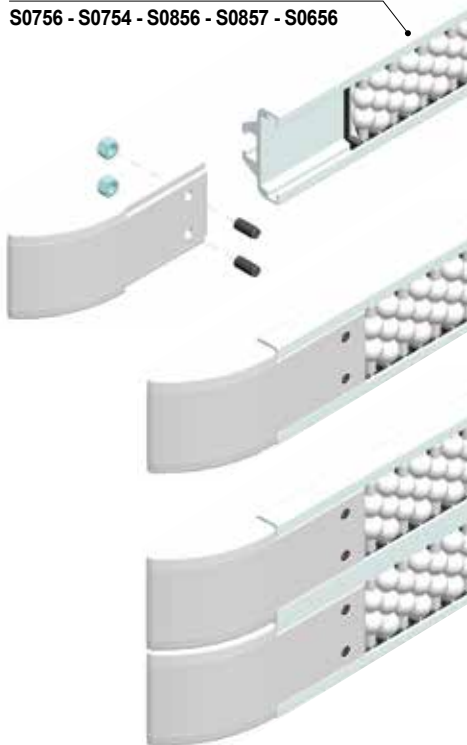
• Assembly Part. S0760

Part./Art./Réf. **S0757 - S0868 - S0756 - S0856**



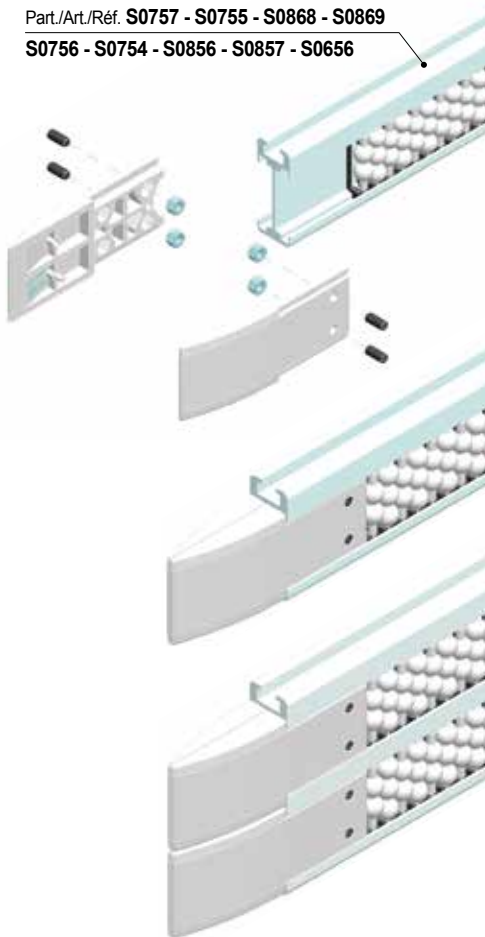
## • Assembly Part. S0852

Part./Art./Réf. **S0757 - S0755 - S0868 - S0869**  
**S0756 - S0754 - S0856 - S0857 - S0656**

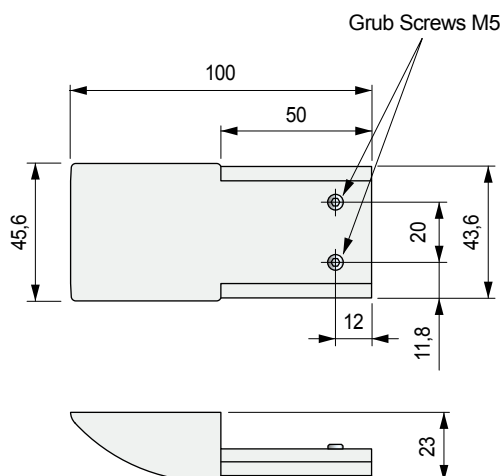


## • Assembly Part. S0854

Part./Art./Réf. **S0757 - S0755 - S0868 - S0869**  
**S0756 - S0754 - S0856 - S0857 - S0656**



## ■ Side separation block



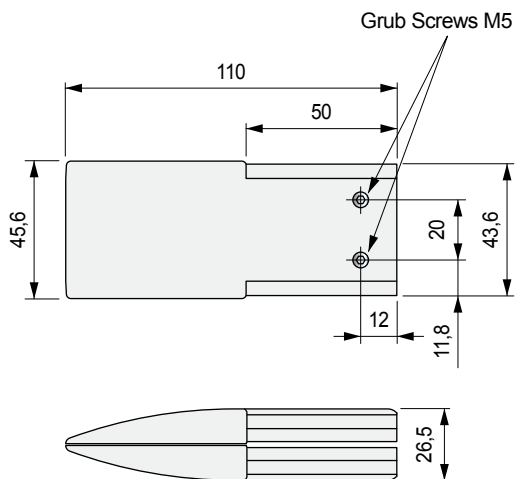
## Part. S0852



| Code          | Weight<br>kg |
|---------------|--------------|
| <b>646633</b> | 0,05         |

- Material: separation block in Acetal POM (white), nuts in nickel plated brass, grub screws in stainless steel.
- Packaging: 4 pieces.

## ■ Centre separation block



## Part. S0854



| Code          | Weight<br>kg |
|---------------|--------------|
| <b>646643</b> | 0,09         |

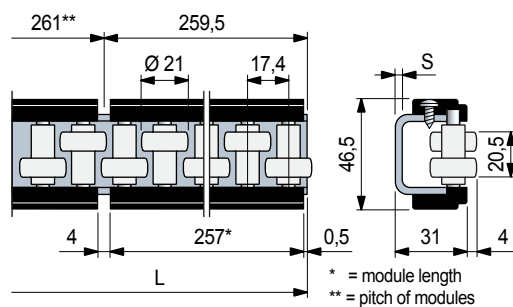
- Material: separation block in Acetal POM (white), nuts in nickel plated brass, grub screws in stainless steel.
- Packaging: 4 pairs.

## Part. S0128S

Sideflexing



### Roller side guides



| S<br>mm                         | L<br>mm | Metal profile and<br>screws material | Code           | Weight<br>kg/m |
|---------------------------------|---------|--------------------------------------|----------------|----------------|
| <b>Part. S0128S Sideflexing</b> |         |                                      |                |                |
| 2                               | 3129    | Zinc plated steel                    | <b>6346600</b> | 2,06           |
| <b>Part. S0128 Straight run</b> |         |                                      |                |                |
| 3                               | 1041    | Zinc plated steel                    | <b>64531</b>   | 2,6            |
|                                 | 2085    | Zinc plated steel                    | <b>64541</b>   |                |
|                                 | 3129    | Zinc plated steel                    | <b>64551</b>   |                |
|                                 |         | Austenitic stainless steel           | <b>63350</b>   |                |

- Material: rollers in acetal POM (white).
- Side straps in polyamide PA (black).
- Roller pins in ferritic stainless steel.
- Packaging: 2 strands.
- Accessories:



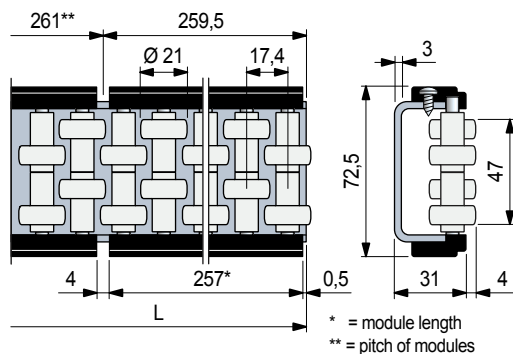
Guide - Rail  
Clamps.

## Part. S0128

Straight run



### Roller side guides



| L<br>mm | Metal profile and<br>screws material | Code         | Weight<br>kg/m |
|---------|--------------------------------------|--------------|----------------|
| 1041    | Zinc plated steel                    | <b>64501</b> | 3,8            |
| 3129    | Austenitic stainless steel           | <b>63340</b> |                |

- Material: rollers in acetal POM (white).
- Side straps in polyamide PA (black).
- Roller pins in ferritic stainless steel.
- Packaging: 2 strands.
- Accessories:

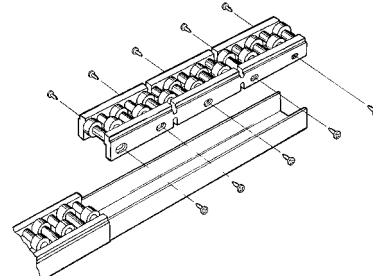


Guide - Rail  
Clamps.

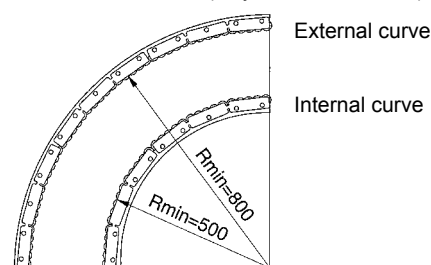
- **Use of Part. S0128S - S0128**  
Rugged containers (ex. cases, cartons).

#### Modular system

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

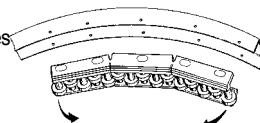


- **Min. curvature radius** (only for Part. S0128S)

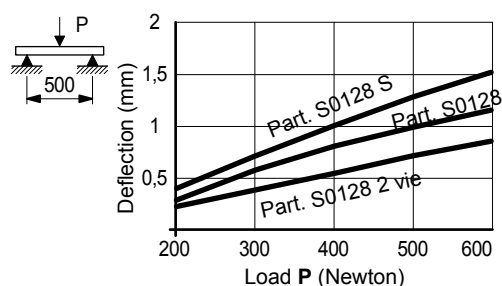


#### Curving procedure

- 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).



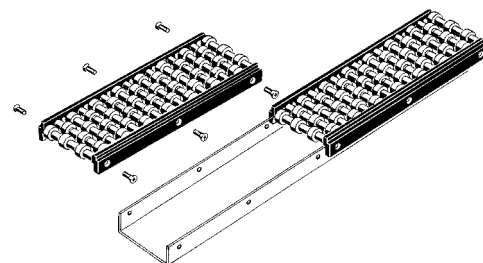
- **Deflection of Part. S0128S - S0128**



- **Use of Part. S0128**  
Rugged containers (ex. cases, cartons).

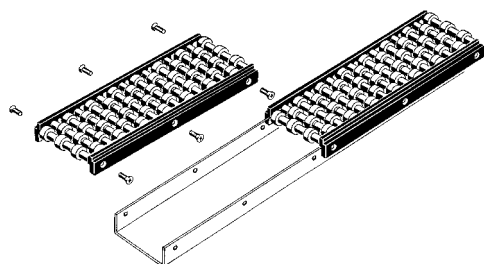
#### Modular system Part. S0128

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

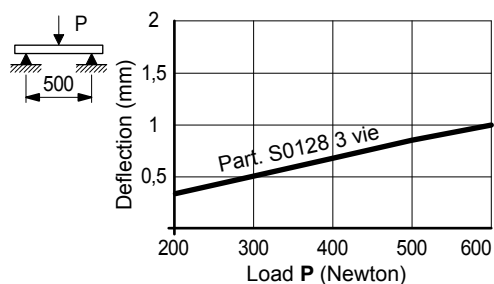


- **Use of Part. S0128**  
Rugged containers (ex. cases, cartons).

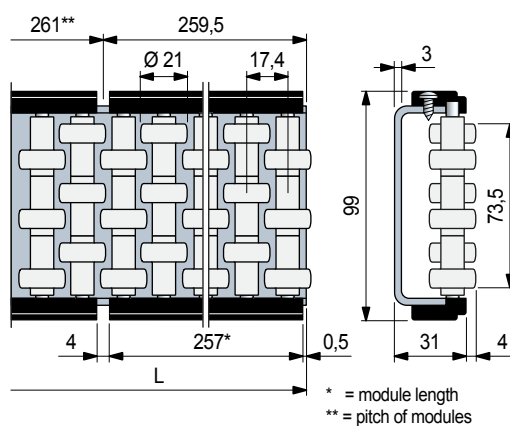
- **Modular system**  
Guides are made of 257 mm long modules fixed on a metal "C" profile.



- **Deflection of Part. S0128**



## Roller side guides



| L<br>mm | Metal profile and<br>screws material | Code  | Weight<br>kg/m |
|---------|--------------------------------------|-------|----------------|
| 1041    | Austenitic stainless steel           | 62660 | 5,0            |
| 2085    | Austenitic stainless steel           | 62690 |                |
|         | Zinc plated steel                    | 64491 |                |
| 3129    | Austenitic stainless steel           | 62890 |                |

- Material: rollers in acetal POM (white).
- Side straps in polyamide PA (black).
- Roller pins in ferritic stainless steel.
- Packaging: 2 strands.
- Accessories:



Guide - Rail  
Clamps.

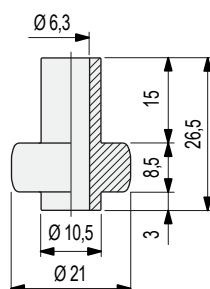
## Part. S0128

Straight run



## Rollers

### Part. S0063



Code

S006351370

- Material: acetal POM (white).
- Packaging: Part. S0063 (500 pieces),
- Part. S0063 can be used as spare part in roller guides Part. S0128-S0128 S-S0628 S.

## Part. S0063



[illegible]

## Bending procedure

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

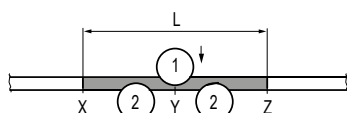
$$L = R \cdot K$$

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

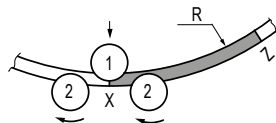
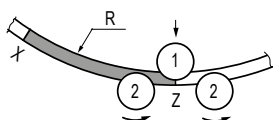
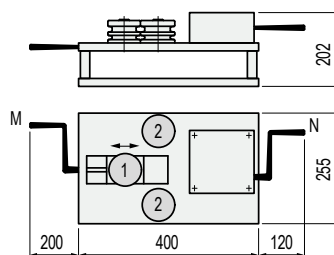


Fig. B



## Guide rail bending machine (manual)



## Part. S0218



### Code

Weight  
kg

60151

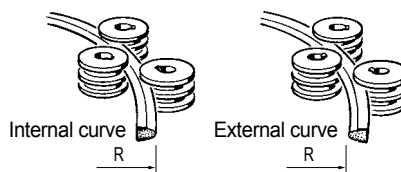
23

- Functioning: manual.
- Packaging: 1 bending machine.

- 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).

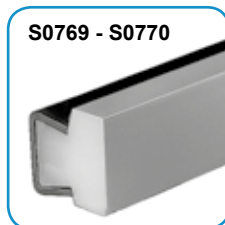
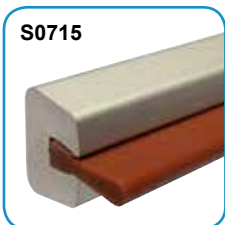
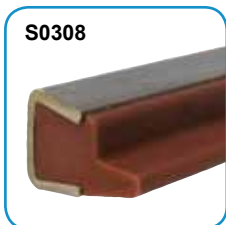
- The rollers are supplied as separate accessories.
- Each type of guide needs specific rollers, according to the table below. Double groove rollers allow two profiles bending at one time.

- Both internal and external bends can be made.

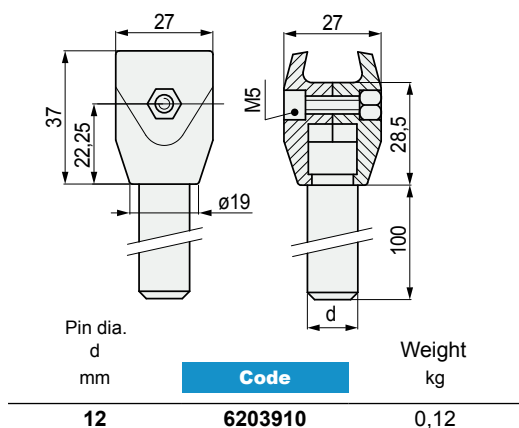


## Guide - Rail Clamps for

- Part. S0223
- Part. S0317
- Part. S0219
- Part. S0273
- Part. S0308
- Part. S0715
- Part. S0765
- Part. S0767
- Part. S0768
- Part. S0769
- Part. S0770

**Part. S0210P**

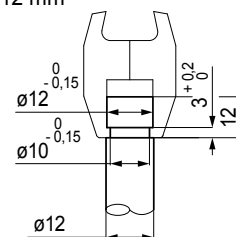
■ **Guide rail clamp**



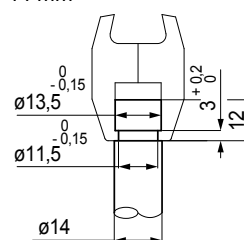
- Material: guide rail clamps in reinforced polyamide PA 6 FV (black). Pin in austenitic stainless steel.  
Bolt in austenitic stainless steel.  
Nut in nickel plated brass.
- Packaging: 24 pieces.

- **Pin dimensions** for Part. S0210

Pin dia. 12 mm

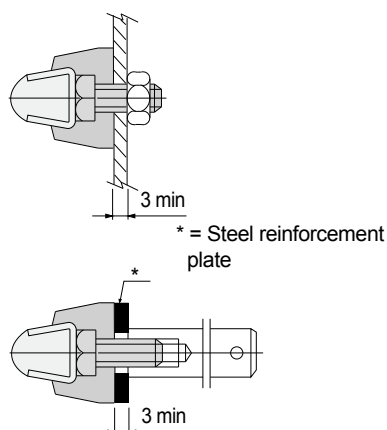


Pin dia. 14 mm



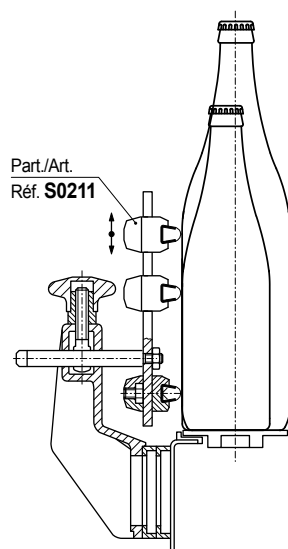
for Part. S0223 - S0317 - S0219 - S0273 - S0308 - S0715 - S0765 - S0767 - S0768 - S0769 - S0770

## • Assembly of Part. S0275

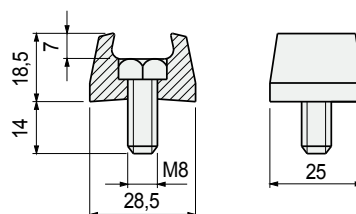


## • Assembly of Part. S0211

Unlimited height adjustment possible



## ■ Guide rail clamp



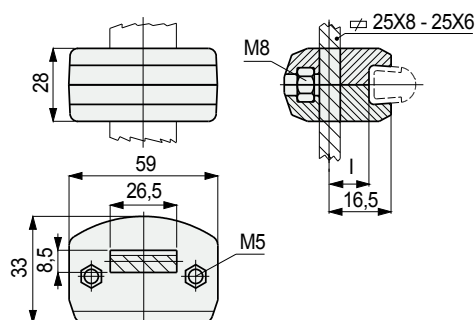
| Code  | Weight<br>kg |
|-------|--------------|
| 66811 | 0,02         |

- Material: guide rail clamps in acetal POM (Black), bolt in austenitic stainless steel.
- Packaging: 50 pieces.

## Part. S0275



## ■ Adjustable guide rail clamp



| I<br>mm | Code  | kg   |
|---------|-------|------|
| 8       | 59961 | 0,05 |

- Material: guide rail clamps in reinforced polyamide PA FV (black).
- Bolt in austenitic stainless steel. Nut in nickel plated brass.
- Packaging: 24 pieces.

## Part. S0211



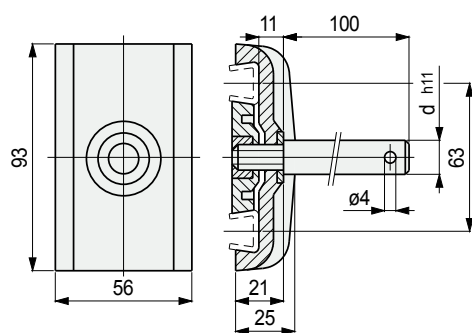
Distance I = 8 mm

for Part. S0223 - S0317 - S0219 - S0273 - S0308 - S0715 - S0765 - S0767 - S0768 - S0769 - S0770

## Part. S0213



### Double guide rail clamp



Pin dia.  
d  
mm

**Code**

Weight  
kg

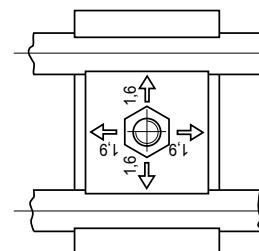
| 12 | 60091 | 0,19 |
|----|-------|------|

- Material: guide rail clamp in reinforced polyamide PA FV (black).
- Pin in austenitic stainless steel.
- Washer in austenitic stainless steel.
- Nut in nickel plated brass.
- Packaging: 24 pieces.

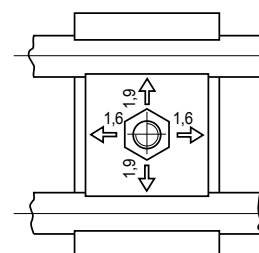
### • Assembly of Part. S0213

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

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



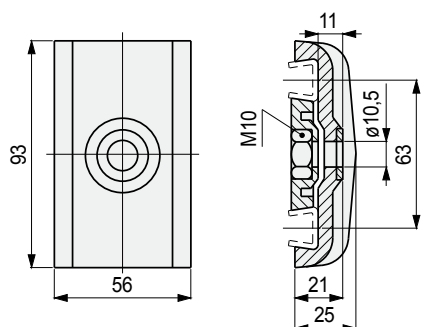
Position of plate for assembly of guides of thickness  $s = 2$ .  
The plate is turned through 90°.



## Part. S0213



### Double guide rail clamp



**Code**

Weight  
kg

| 60101 |  | 0,08 |
|-------|--|------|

- Material: guide rail clamp in reinforced polyamide PA FV (black).
- Washer in austenitic stainless steel.
- Nut in nickel plated brass.
- Packaging: 24 pieces.
- Accessories: swivel pin connection Part. S0749 - S0740P.



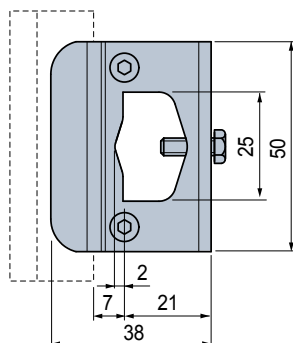
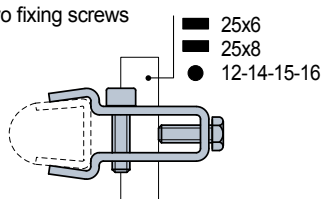
for Part. S0223 - S0317 - S0219 - S0273 - S0308 - S0715 - S0765 - S0767 - S0768 - S0769 - S0770

## Part. S0694

### Guide-rail clamp



With two fixing screws

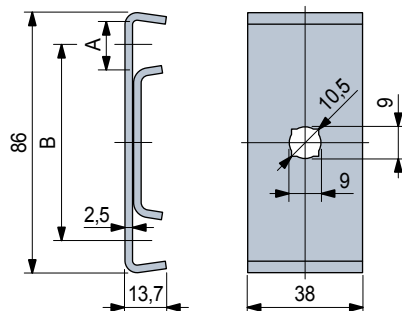


| Code   | Weight<br>kg |
|--------|--------------|
| 689222 | 0,10         |

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

## Part. S0217

### Guide-rail clamp (double)

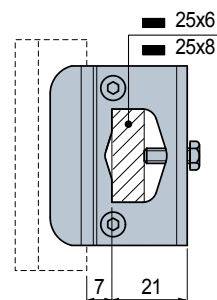


| Use                    | A<br>mm | B<br>mm | Code   | Weight<br>kg |
|------------------------|---------|---------|--------|--------------|
| For guides width S = 2 | 17      | 63,5    | 695131 | 0,14         |

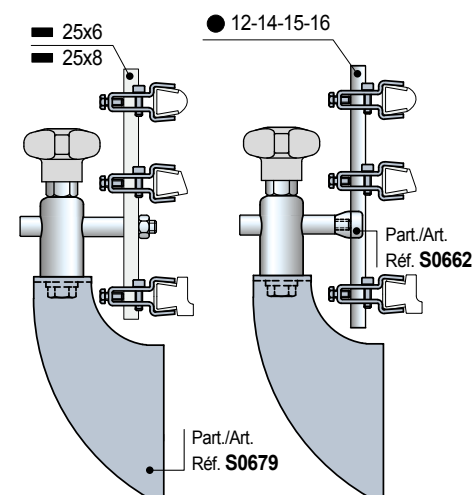
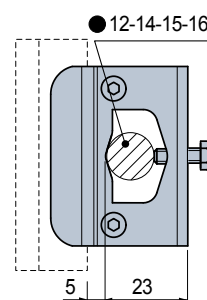
- Material: austenitic stainless steel.
- Packaging: 50 pieces.
- Accessories: swivel pin connection Part. S0740 - S0740P.

### Assembly of Part. S0694

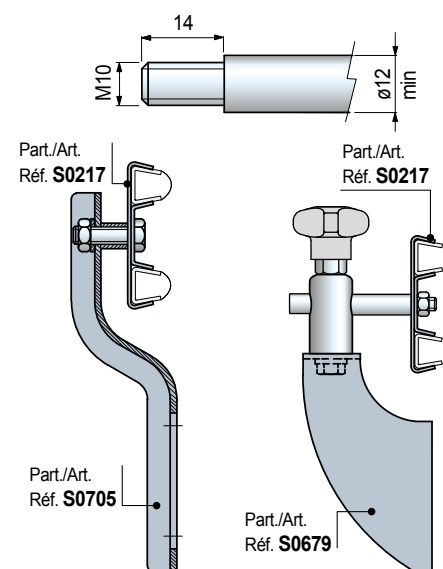
Fixing on plates



Fixing on rods

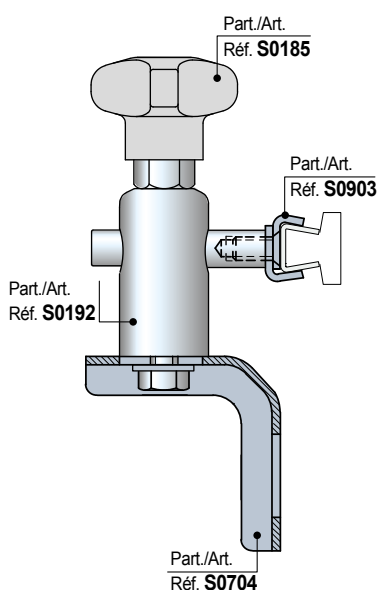
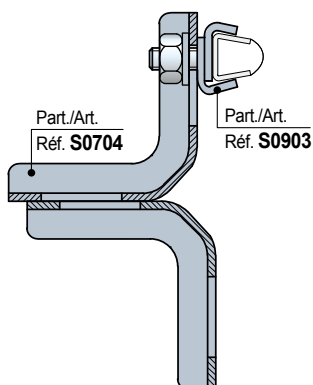


### Pin dimensions for Part. S0217

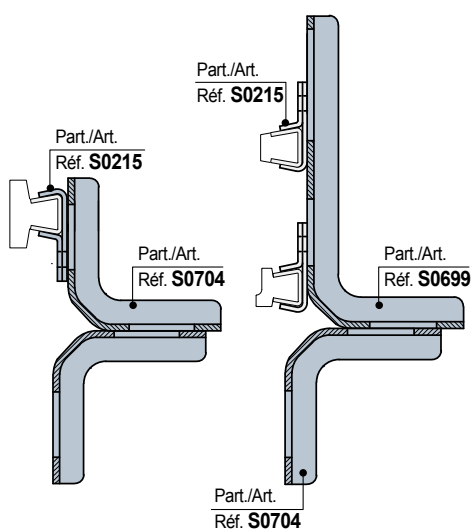


for Part. S0223 - S0317 - S0219 - S0273 - S0308 - S0715 - S0765 - S0767 - S0769 - S0770

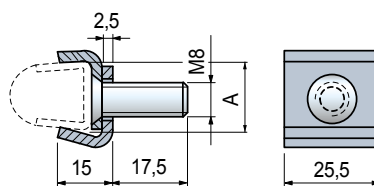
## • Assembly of Part. S0903



## • Assembly of Part. S0215



## ■ ViseClamp™



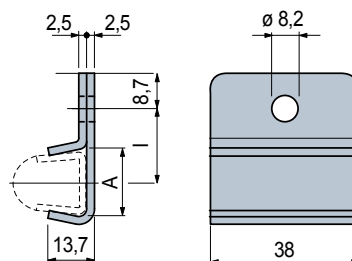
## Part. S0903



| Use                    | A<br>mm | Code    |
|------------------------|---------|---------|
| For guides width S = 2 | 17      | 656001N |

- Material: austenitic stainless steel.
- Packaging: 50 pieces.

## ■ Guide rail clamp



## Part. S0215



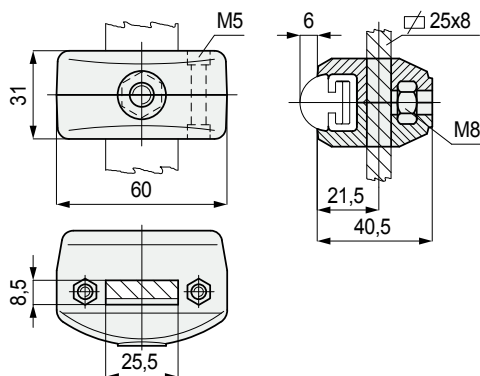
| Use                      | A<br>mm | I<br>mm | Code   | Weight<br>kg |
|--------------------------|---------|---------|--------|--------------|
| For guides width S = 1,5 | 16      | 20,5    | 60121N | 0,04         |
| For guides width S = 2   | 17      | 20      | 65976N |              |

- Material: austenitic stainless steel.
- Packaging: 50 pieces.

## Part. S0237



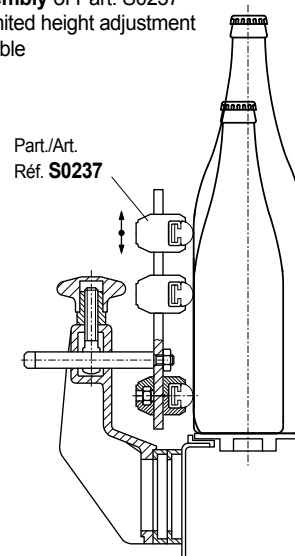
### Adjustable guide-rail clamp



| Code  | Weight<br>kg |
|-------|--------------|
| 63151 | 0,06         |

- Material: guide rail clamp in reinforced polyamide PA FV (black).
- Bolts in austenitic stainless steel. Nuts in nickel plated brass.
- Packaging: 24 pieces.

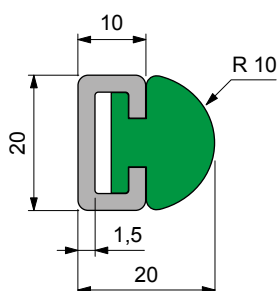
- Assembly of Part. S0237  
Unlimited height adjustment possible



## Part. S0247



### Guide rail (round)



| Length<br>metres                                               | Metal<br>profile material  | Code  | Weight<br>kg/m |
|----------------------------------------------------------------|----------------------------|-------|----------------|
| <b>Plastic profile material in polyethylene UHMWPE (green)</b> |                            |       |                |
| 3                                                              | Austenitic stainless steel | 63911 | 0,67           |
|                                                                | Zinc plated steel          | 63921 |                |

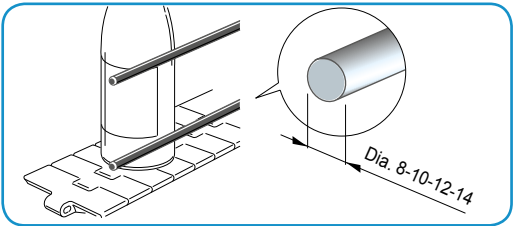
- Min. curvature radius: 145 mm.
- Linear expansion coefficient:  $2 \times 10^{-4} \text{ }^{\circ}\text{C}^{-1}$ .  
Calculation of thermal expansion see Technical information.
- Accessories:



Guide - Rail  
Clamps.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

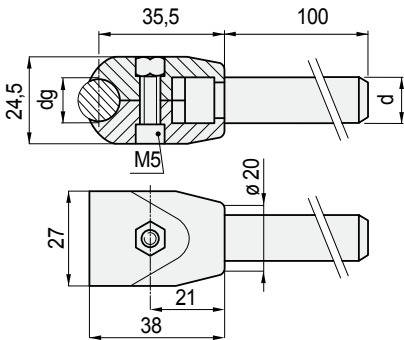
Guide - Rail Clamps for  
• Round steel rods



Part. **S0082P**



■ Guide-rail clamp

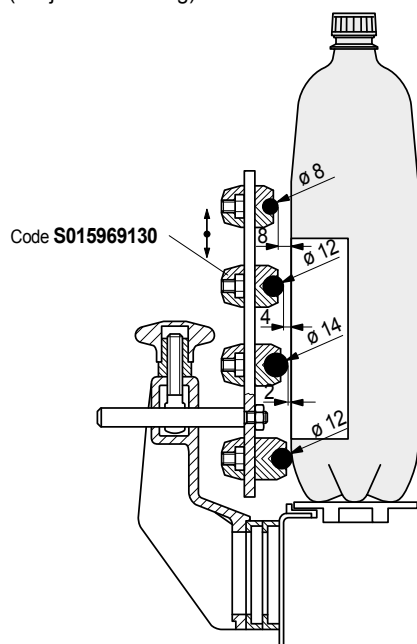


| pin dia.<br>d<br>mm | Guide dia.<br>dg<br>mm | Code    | Weight<br>kg |
|---------------------|------------------------|---------|--------------|
| 12                  | 12                     | 6184910 | 0,12         |

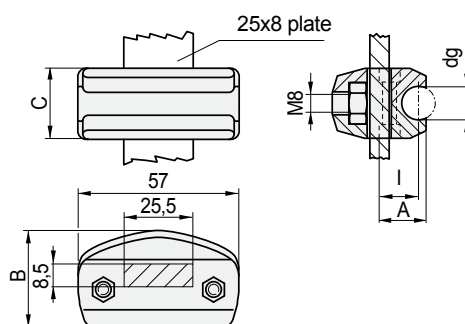
- Material: guide rail clamps in reinforced polyamide PA FV (black).
- Pin in austenitic stainless steel.
- Bolt in austenitic stainless steel. Nut in nickel plated brass.
- Packaging: 24 pieces.

for round steel Rods

- **Assembly** of Part. S0159  
PET bottle movement  
(subject to swelling).



## Adjustable guide-rail clamp



Guide dia.

| dg<br>mm | I<br>mm | A<br>mm | B<br>mm | C<br>mm | Code        | Weight<br>kg |
|----------|---------|---------|---------|---------|-------------|--------------|
| 10       | 12      | 15,8    | 32,5    | 21      | S0159622381 | 0,05         |
| 12       | 14      | 17,8    | 35      | 25      | S015969130  |              |

- Material: guide rail clamp in reinforced polyamide PA FV (black).
- Bolts in austenitic stainless steel. Nuts in nickel plated brass.
- Packaging: 24 pieces.

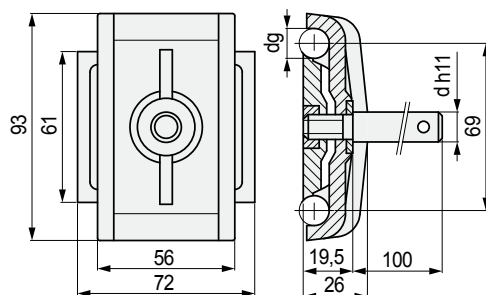
**Part. S0159**



For 25 x 8 plates

### Part. S0071

#### Double guide-rail clamp

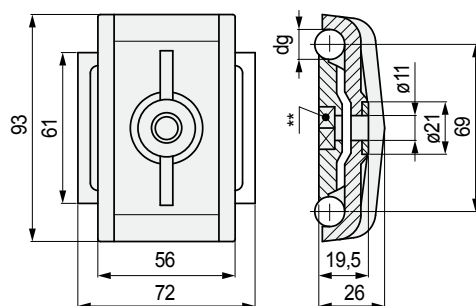


| pin dia.<br>d<br>mm | Guide dia.<br>dg<br>mm | Code  | Weight<br>kg |
|---------------------|------------------------|-------|--------------|
| 12                  | 12                     | 50960 | 0,20         |

- Material: guide rail clamp in reinforced polyamide PA FV (black).
- Pin in austenitic stainless steel.
- Washer in austenitic stainless steel.
- Nut in nickel plated brass.
- Packaging: 24 pieces.

### Part. S0070

#### Double guide-rail clamp

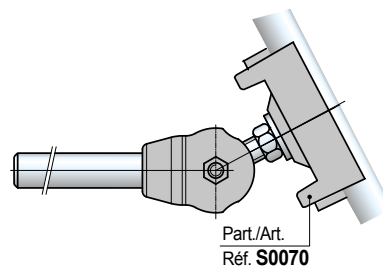


\*\* = Seat for nut M10  
UNI 5588

| Pin dia.<br>d<br>mm | Code  | Weight<br>kg |
|---------------------|-------|--------------|
| 12                  | 50950 | 0,09         |

- Material: guide rail clamps in reinforced polyamide PA FV (black).
- Washer in austenitic stainless steel.
- State of supply: supplied without tightening nut.
- Packaging: 24 pieces.
- Accessories: swivel pin connection.

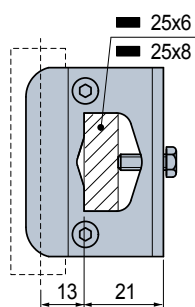
- **Swivel pin connection** Part. S0740 - S0740P  
Use for conveyors with (format change).  
They allow an easy regulation of product-guides on corner tracks.  
See page S112.



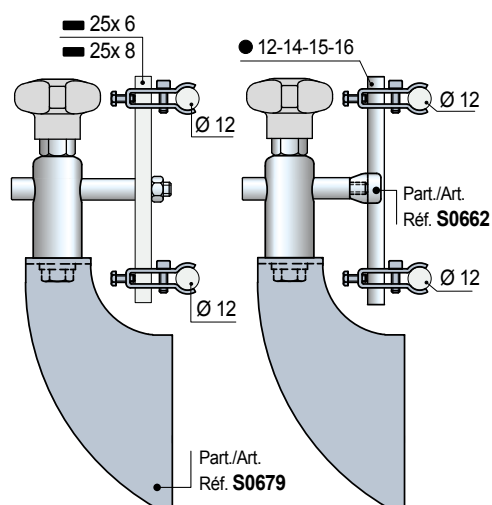
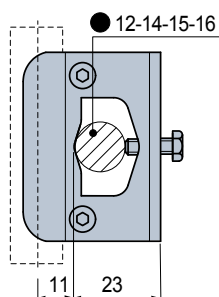
## for round steel Rods

### • Assembly of Part. S0698

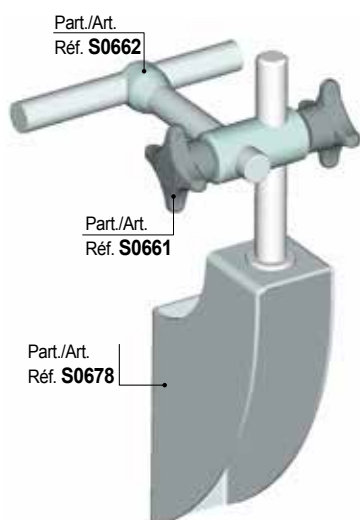
Fixing on plates



Fixing on rods

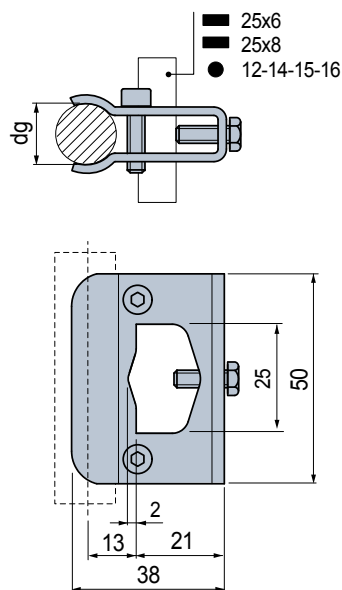


### • Assembly of Part. S0662



### ■ Guide-rail clamp

With two fixing screws



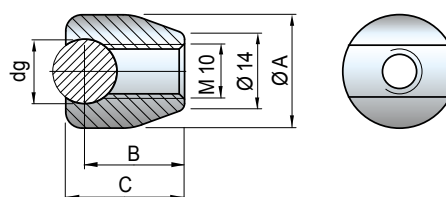
| Guide dia.<br>d<br>mm | Code   | Weight<br>kg |
|-----------------------|--------|--------------|
| 12                    | 689202 | 0,10         |

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

## Part. S0698



### ■ Guide-rail clamp



| Guide dia.<br>dg<br>mm | Code   | dia. A<br>mm | B<br>mm | C<br>mm | Weight<br>kg |
|------------------------|--------|--------------|---------|---------|--------------|
| 12                     | 669552 | 21           | 18,5    | 22      | 0,03         |

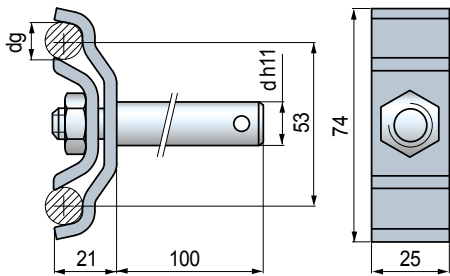
- Material: austenitic stainless steel.
- Packaging: 10 pieces.

## Part. S0662



Part. S0050

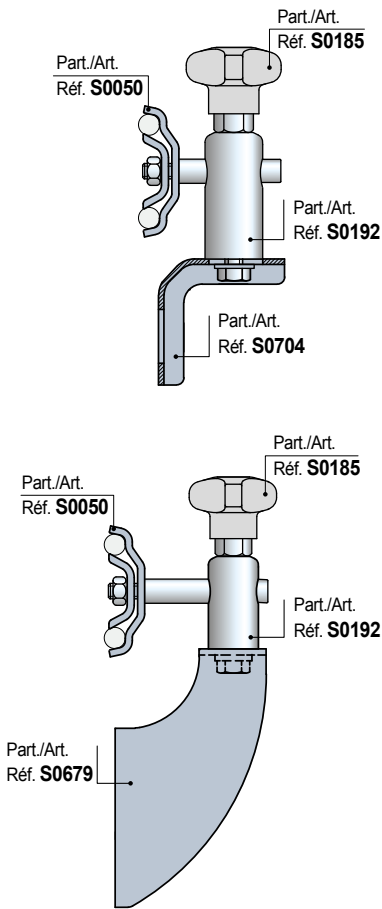
Double guide-rail clamp



| Guide dia.<br>dg<br>mm | pin dia.<br>d<br>mm | Code  | Weight<br>kg |
|------------------------|---------------------|-------|--------------|
| 12                     | 12                  | 53801 | 0,34         |
|                        | 14                  | 51000 | 0,36         |

- Material: guide rail clamp and tightening nut in austenitic stainless steel. Pin in austenitic stainless steel.
- Packaging: 12 pieces.

Assembly of Part. S0050



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

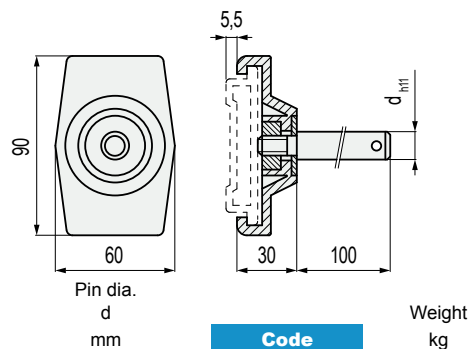
## Guide - Rail Clamps for • Part. S0191



## Part. S0190



### ■ Guide-rail clamp

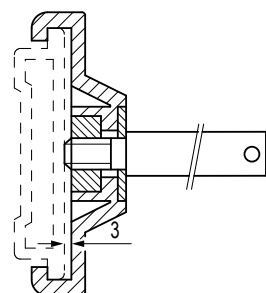


| Pin dia.<br>d<br>mm | Code  | Weight<br>kg |
|---------------------|-------|--------------|
| 12                  | 55741 | 0,18         |

- Material: guide rail clamp in reinforced polyamide PA FV (black). Pin in austenitic stainless steel. Washer in austenitic stainless steel. Nut in nickel plated brass.
- Packaging: 24 pieces.
- Suitable to use in curves also.

### • Assembly of Part. S0190

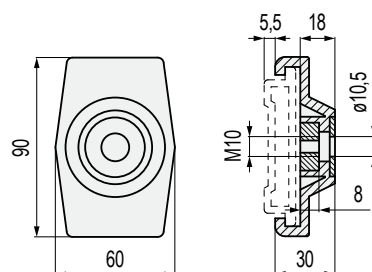
The protrusion of the pin allows the guide to be locked axially.



## Part. S0184



### ■ Guide-rail clamp



| Code  | Weight<br>kg |
|-------|--------------|
| 54961 | 0,09         |

- Material: guide rail clamp in reinforced polyamide PA FV (black). Washer in austenitic stainless steel. Nut in nickel plated brass.
- Packaging: 24 pieces.
- Suitable to use in curves also.

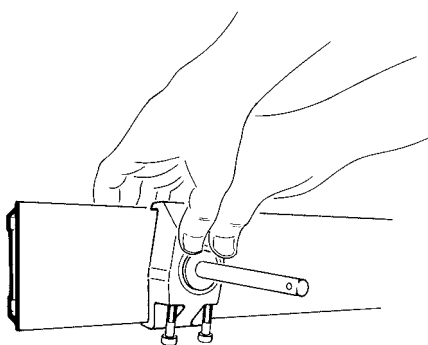
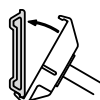
S0296



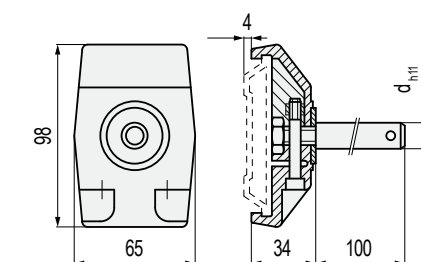
Guide - Rail Clamps for  
• Part. S0296

## • Assembly of Part. S0298

- 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



Pin dia.  
d  
mm

Code

Weight  
kg

12

60372

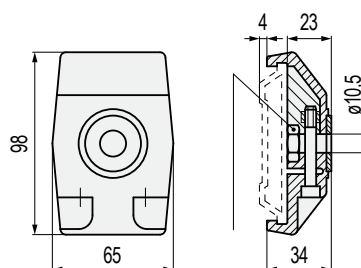
0,12

- Material: guide rail clamp in reinforced polyamide PA FV (black).
- Pin in austenitic stainless steel.
- Washer in austenitic stainless steel. Nut in nickel plated brass.
- Packaging: 24 pieces.
- Suitable to use in curves also.

## Part. S0298



## ■ Guide-rail clamp



Code

Weight  
kg

60362

0,12

- Material: guide rail clamp in reinforced polyamide PA FV (black). Washer in austenitic stainless steel.
- Nut in nickel plated brass.
- Packaging: 24 pieces.
- Suitable to use in curves also.

## Part. S0298

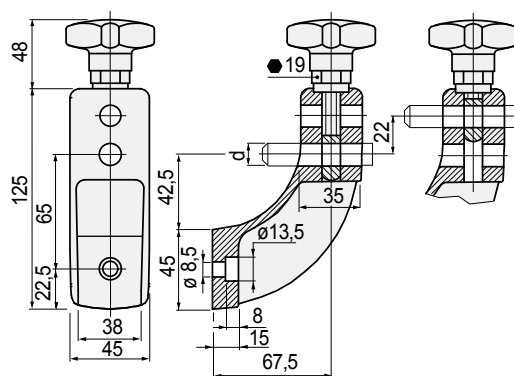


## Part. S0708



### Bracket with two holes

#### Version without positioning guide



Pin dia.  
d  
mm

**Code**

Weight  
kg

#### Version without positioning guide

12

**692502**

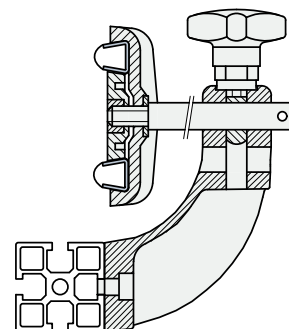
0,23

- Material: bracket and knob in reinforced polyamide PA FV (black).
- Hexagonal insert (for 19 mm wrench) in nickel plated brass.
- Eyebolt in austenitic stainless steel.
- Max recommended tightening torque: 4 Kgm.
- Packaging: 12 pieces.

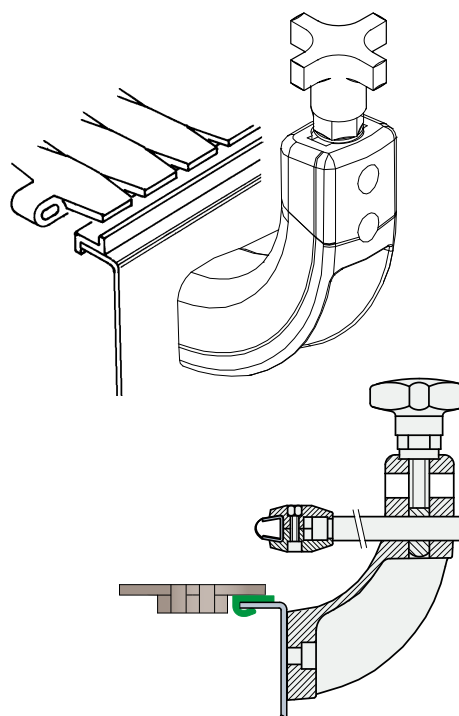
#### • Characteristics of Part. S0708

- 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

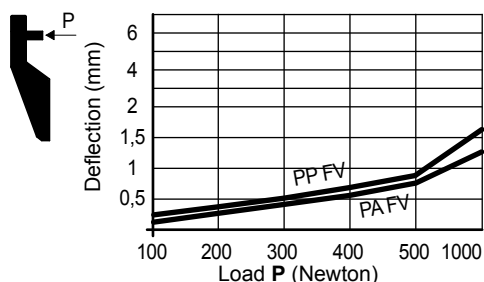


#### • Assembly version without positioning guide



#### • Assembly version with centering pin

## • Deflection of Part. S0107



## • Technical data Part. S0107

- Sliding load resistance:

- Breaking load:

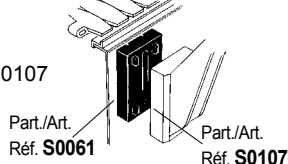
|                       |                       |
|-----------------------|-----------------------|
| Material in PA FV     | Material in PA FV     |
| 2000 N (width d = 12) | 4500 N                |
| 3200 N (width d = 14) | Material in PP FV     |
| Material in PP FV     | 1300 N (width d = 12) |
|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

Tests performed at tightening torque: 4 Kgm

## • Accessories

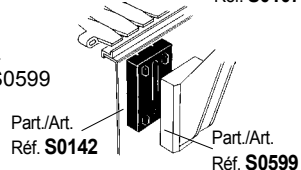
Spacer Part. S0061.

Applicable to Part. S0107



Spacer Part. S0142.

Applicable to Part. S0599

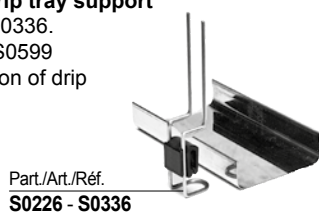


## • Assembly of drip tray support

Part. S0226 - S0336.

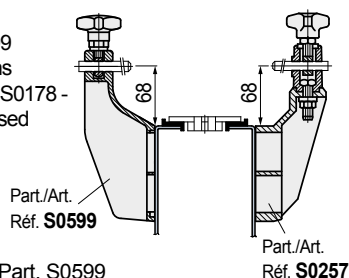
Part. S0107 e S0599

permit application of drip tray support.

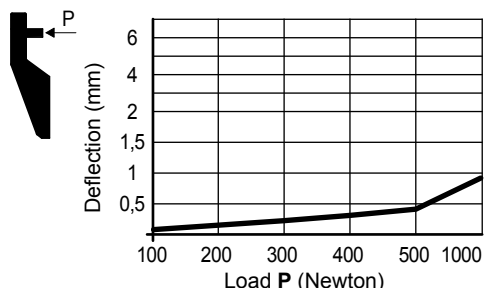


## • Use Part. S0599

Same dimensions as Part. S0163 - S0178 - S0257, can be used alternatively.



## • Deflection of Part. S0599



## • Technical data Part. S0599

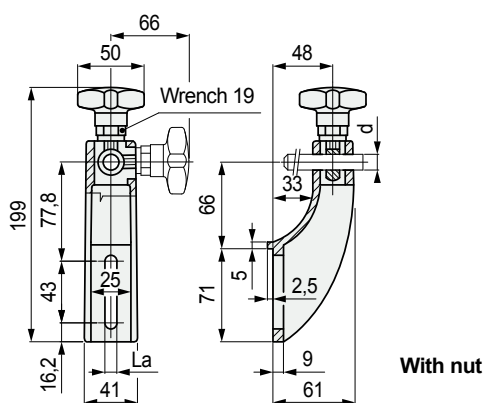
- Sliding load resistance:

- Breaking load:

|                       |        |
|-----------------------|--------|
| 2000 N (width d = 12) | 3000 N |
|-----------------------|--------|

Tests performed at tightening torque: 4 Kgm

## ■ Bracket with eyebolt



With nut

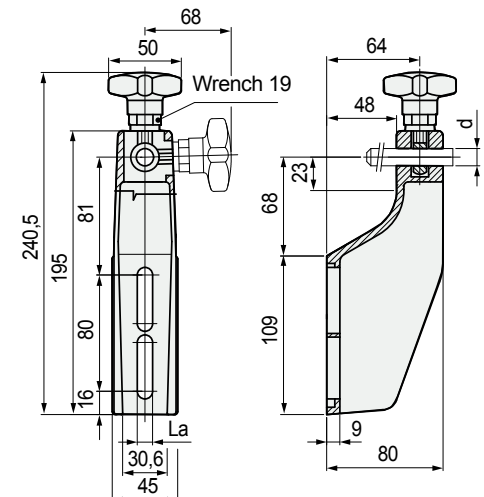
| Material                   | Pin dia. d mm | Code          | Weight kg |
|----------------------------|---------------|---------------|-----------|
| Reinforced polyamide PA FV | 12            | 50710N 68200N | 0,15      |

- Material: knob in reinforced polyamide (black), exagonal insert (for 19 mm wrench) in nickel plated brass, eyebolt in austenitic stainless steel.
- Colour: black.
- Max recommended tightening torque: 4 Kgm.
- Packaging: 12 pieces.

## Part. S0107



## ■ Bracket with eyebolt



| Material                   | Pin dia. d mm | Code          | Weight kg |
|----------------------------|---------------|---------------|-----------|
| Reinforced polyamide PA FV | 12            | 611293 613572 | 0,11      |

- Material: knob in reinforced polyamide (black), exagonal insert (for 19 mm wrench) in nickel plated brass, eyebolt in austenitic stainless steel.
- Colour: black.
- Max recommended tightening torque: 4 Kgm.
- Packaging: 12 pieces.

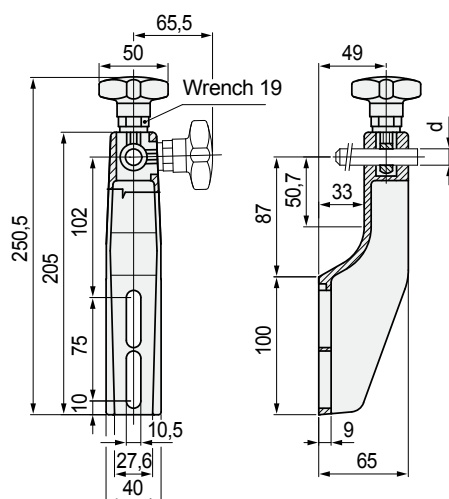
## Part. S0599



## Part. S0617



### Bracket with eyebolt



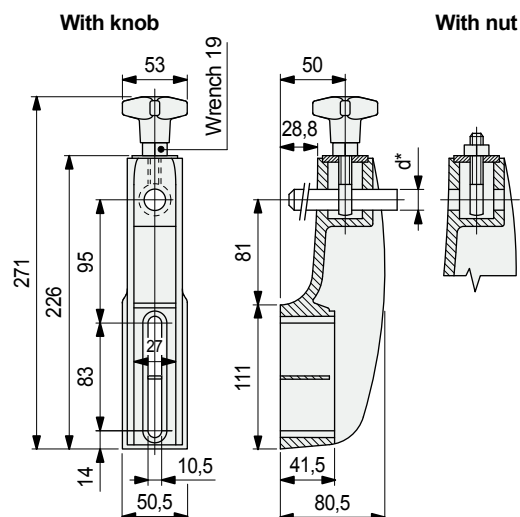
| Material                               | Pin dia.<br>d<br>mm | Code   | Weight<br>kg |
|----------------------------------------|---------------------|--------|--------------|
| Reinforced polyamide<br>PA FV (black)) | 12                  | 613562 | 0,18         |

- Material: knob in reinforced polyamide (black), exagonal insert (for 19 mm wrench) in nickel plated brass, eyebolt in austenitic stainless steel.
- Max recommended tightening torque: 4 Kgm.
- Packaging: 12 pieces.

## Part. S0140



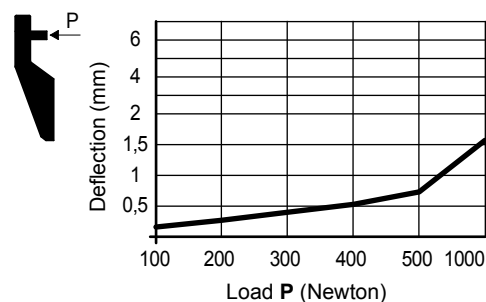
### Bracket with eyebolt



| Pin dia.<br>d*<br>mm | Version   | Code   | Weight<br>kg |
|----------------------|-----------|--------|--------------|
| 14÷16                | with knob | 66690N | 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 austenitic stainless steel.
- Max recommended tightening torque: 4 Kgm.
- Packaging: 12 pieces.

### Deflection of Part. S0617



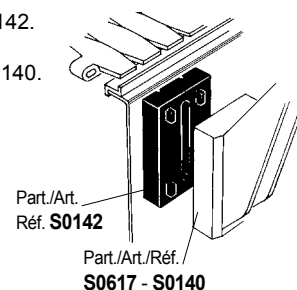
### Technical data Part. S0085

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

Tests performed at tightening torque: 4 Kgm

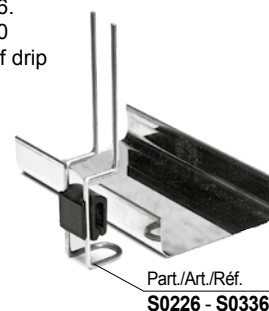
### Accessories

Spacer Part. S0142.  
Applicable to  
Part. S0617 - S0140.

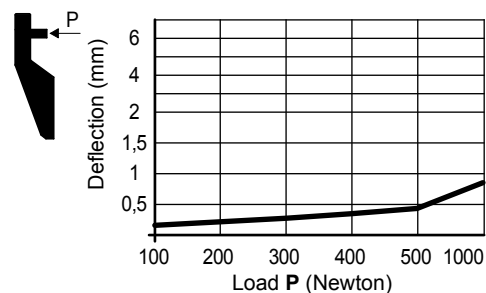


### Assembly of drip tray support

Part. S0226 - S0336.  
Part. S0617 - S0140  
permit application of drip  
tray support.



### Deflection of Part. S0140

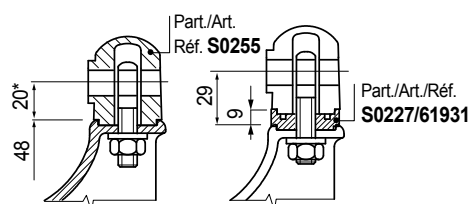


### Technical data Part. S0140

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

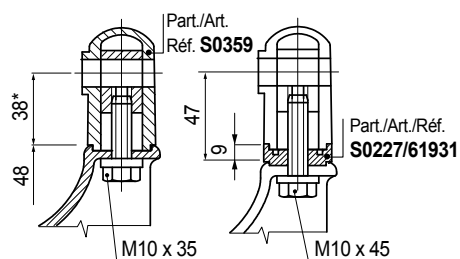
Tests performed at tightening torque: 4 Kgm

## • Assembly with swivel head Part. S0255



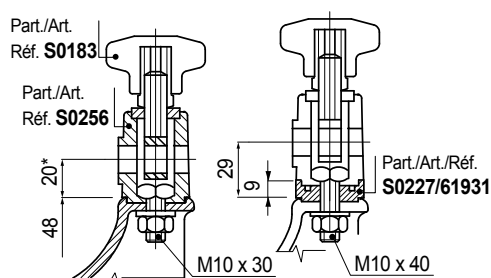
\* = To increase the height (by 9 mm) use 1 spacer Part. S0227 code 61931. The length of the thread allows for only 1 spacer.

## • Assembly with swivel head Part. S0359



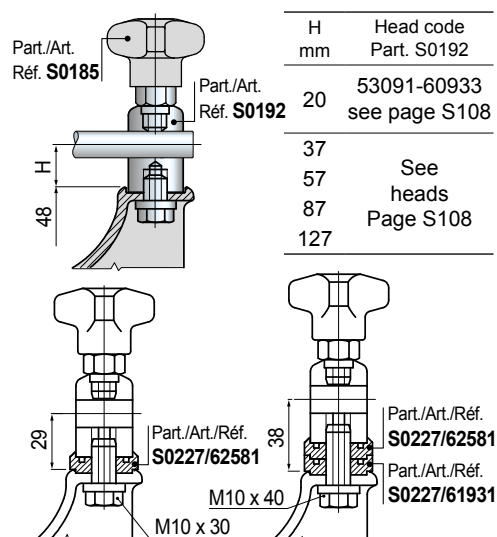
\* = To increase the height (by 9 mm) use 1 or more spacer Part. S0227 code 61931. To use the spacer a longer screw is necessary.

## • Assembly with swivel head Part. S0256



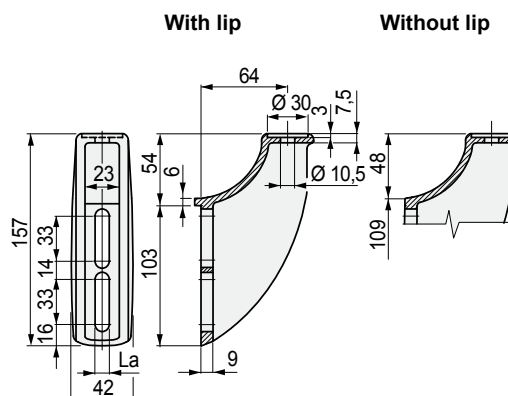
\* = To increase the height (by 9 mm) use 1 or more spacer Part. S0227 code 61931. To use the spacer a longer screw is necessary.

## • Assembly with swivel head Part. S0192



To use the spacer Part S0227, a longer screw is necessary.

## Adjustable bracket



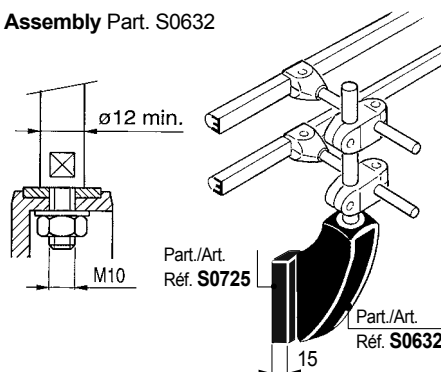
| Version     | Code   |           | Weight<br>kg |
|-------------|--------|-----------|--------------|
|             | La = 9 | La = 10,5 |              |
| Without lip | 605263 | 647142    | 0,21         |

- Material: reinforced polyamide PA FV (black).
- Packaging: 12 pieces.
- Accessories: spacer Part. S0725.

## Part. S0632

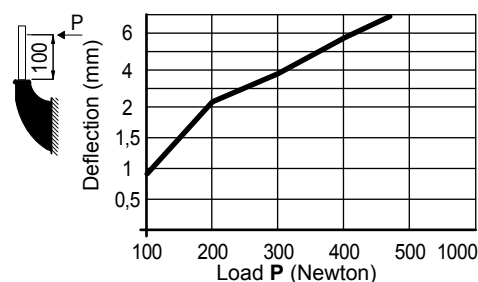


## • Assembly Part. S0632

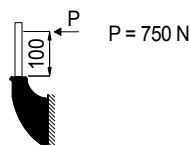


- Part. S0632 permit application of drip tray support Part. S0226 - S0336.

## • Deflection of Part. S0632

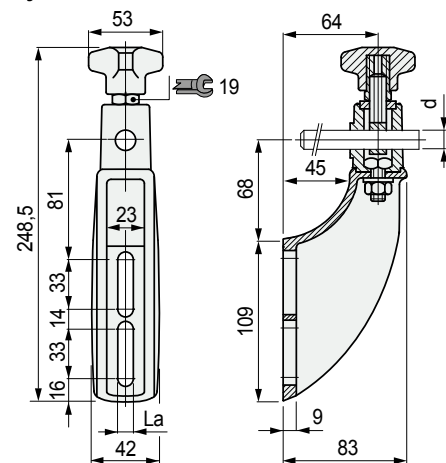


## • Breaking load P



## Part. S0637

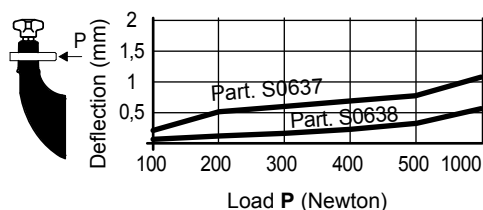
### Adjustable bracket



| Pin dia.<br>d<br>mm | Code<br>La = 10,5 mm | Weight<br>kg |
|---------------------|----------------------|--------------|
| 12                  | <b>648372</b>        |              |
| 14                  | <b>648382</b>        | 0,40         |
| 16                  | <b>648392</b>        |              |

- 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 austenitic stainless steel.
- Operation: by untightening the bolt, the position of the top can be adjusted. By tightening the knob, the position of the pin can be adjusted.
- Max recommended tightening torque: 4 Kgm.
- Packaging: 12 pieces.

### Deflection of Part. S0637 - S0638



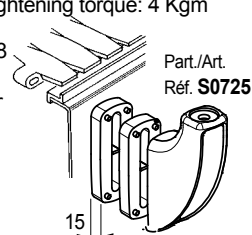
### Technical data Part. S0637 - S0638

- Sliding load resistance:
- Breaking load:

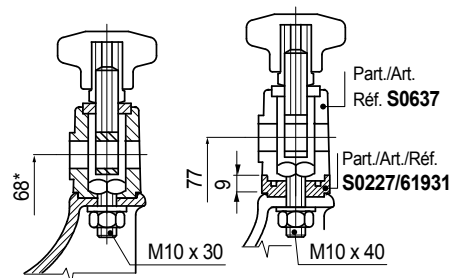
|                                                                                                              |                                                            |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| <p>P Part. S0637<br/>2000 N (width d = 12)<br/>3000 N (width d = 14 - 16)<br/>Part. S0638<br/>No sliding</p> | <p>P Part. S0637<br/>4000 N<br/>Part. S0638<br/>3500 N</p> |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|

Tests performed at tightening torque: 4 Kgm

- Part. S0637 - S0638 permit application of 1 or more spacer Part. S0725.



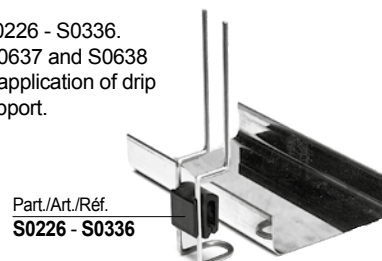
- Part. S0637 permit application of spacer Part. S0227.



\* = To increase the height (by 9 mm) use 1 spacer Part. S0227 code 61931.  
To use the spacer a longer screw is necessary.

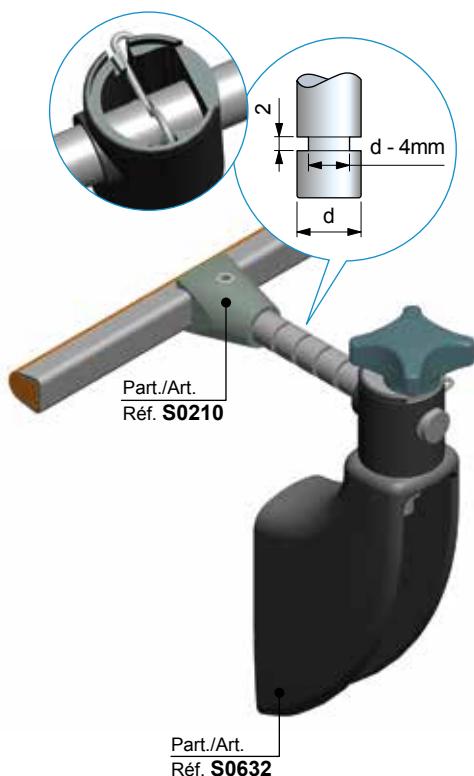
To use the spacer Part. S0227 a longer screw is necessary.

- Part. S0226 - S0336.  
Part. S0637 and S0638 permit application of drip tray support.

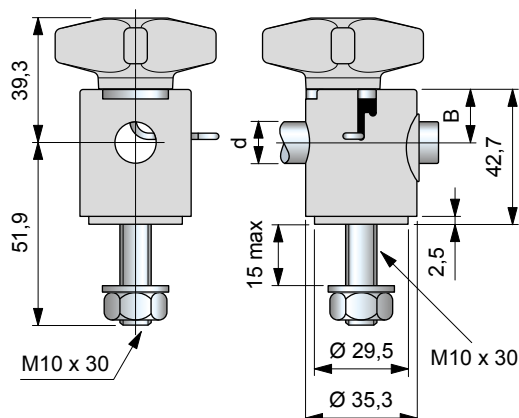


## • Assembly of Part. S0862

Applicable to brackets Part. S0632 - S0648 - S0540



## ■ Swivel head



| Pin dia.<br>d<br>mm | Pin dia.<br>d<br>inch | B    | Code   | Weight<br>kg |
|---------------------|-----------------------|------|--------|--------------|
| 12                  | 1/2"                  | 16,9 | 649763 | 0,08         |

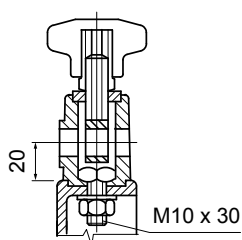
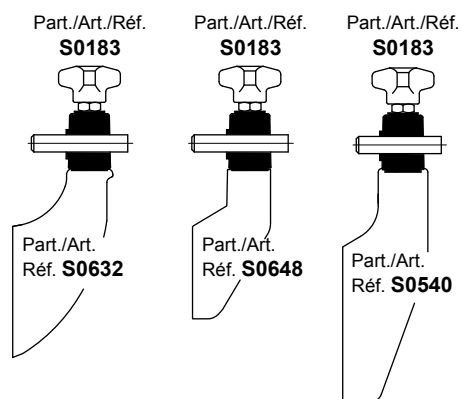
- Material: clamp and knob in reinforced polyamide PA FV (black).  
Tightening nut and eyebolt in austenitic stainless steel.
- Packaging: 12 pieces.

## Part. S0862

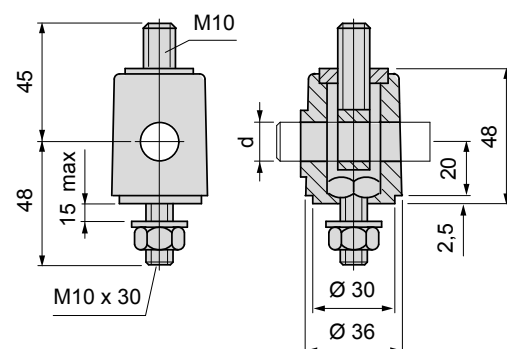


## • Assembly of Part. S0256

Applicable to brackets Part. S0632 - S0648 - S0540  
(in combination with knob Part. S0183).



## ■ Swivel head



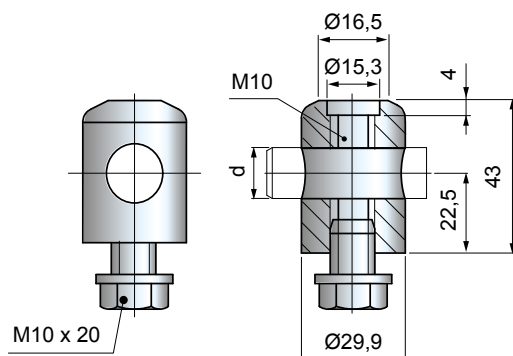
| Material                                 | Pin dia.<br>d<br>mm | Code  | Weight<br>kg |
|------------------------------------------|---------------------|-------|--------------|
| Reinforced<br>polyamide<br>PA FV (black) | 12                  | 64561 | 0,12         |
|                                          | 14                  | 64571 |              |
|                                          | 16                  | 64581 |              |

- Material: tightening nut and eyebolt in austenitic stainless steel.
- Packaging: 12 pieces.

## Part. S0256

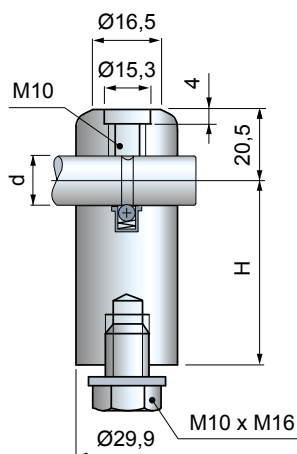


**Part. S0192**

**Swivel head**


| Pin dia.<br>d<br>mm | Materiale                     | Code          | Weight<br>kg |
|---------------------|-------------------------------|---------------|--------------|
| 12 (1/2")           | Austenitic<br>stainless steel | <b>608683</b> | 0,19         |
| 14÷16*              | Austenitic<br>stainless steel | <b>53091</b>  |              |

\* = the bearing head can be used with dia.14 and dia.16 mm pins.  
 - Material: tightening bolt in austenitic stainless steel.  
 - Packaging: 50 pieces.

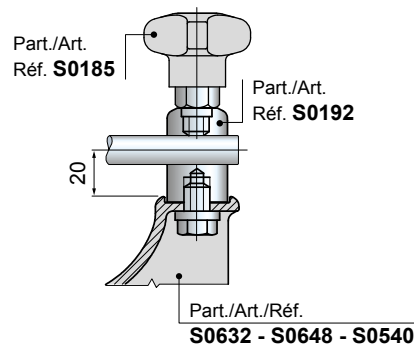
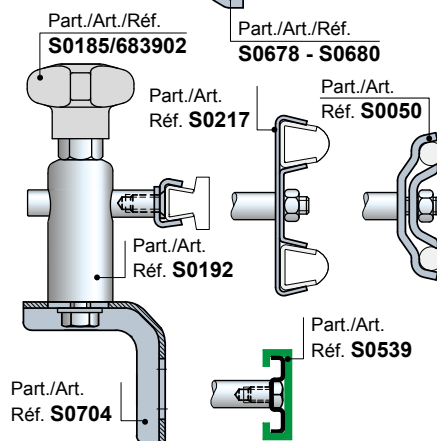
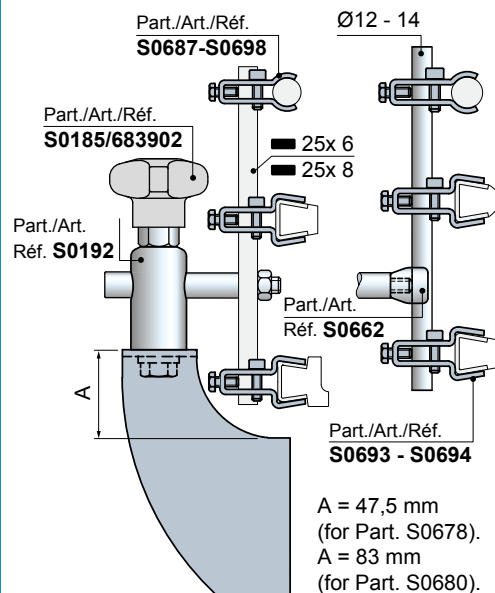
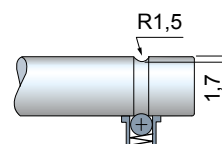
**Swivel head with positioner**


| Pin dia.<br>d<br>mm | H<br>mm | Code                 |                      | Weight<br>kg |
|---------------------|---------|----------------------|----------------------|--------------|
|                     |         | Sans<br>positionneur | Avec<br>positionneur |              |
| 14÷16*              | 40      | <b>674012</b>        | <b>673962</b>        | 0,29         |
|                     | 60      | <b>674022</b>        | <b>673972</b>        | 0,40         |

\* = Version with positioner can be used only with dia.16 mm pins.  
 - Material: swivel head in austenitic stainless steel.  
 Tightening bolt in austenitic stainless steel.  
 - Packaging: 10 pieces.

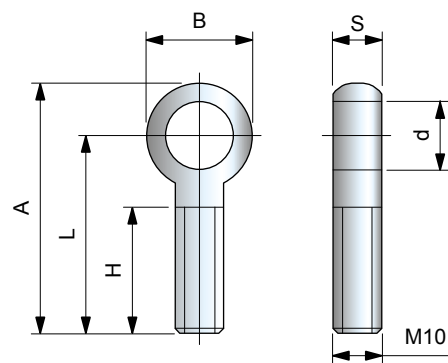
**Assembly of Part. S0192**

Applicable to brackets Part. S0632 - S0648 - S0540  
 (in combination with knob Part. S0185).


**Use of Part. S0192**

**Pin dimension for positioner**


■ Eyebolt

Part. **S0000**

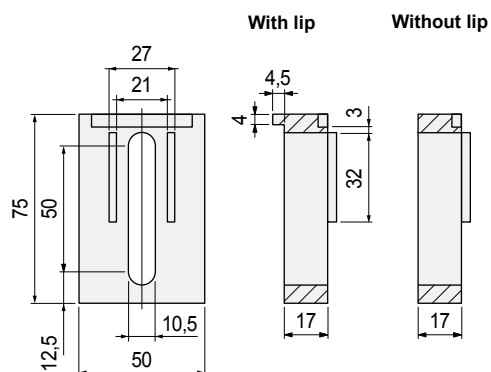


| d<br>mm | L<br>mm | H<br>mm | A<br>mm | B<br>mm | S<br>mm | Code   |
|---------|---------|---------|---------|---------|---------|--------|
| 13      | 30      | 18      | 41      | 20      | 10      | 65624  |
| 14,2    | 30      | 20      | 41      | 20      | 10      | 61005  |
| 20,5    | 36      | 22      | 50      | 27      | 7,3     | 675902 |

- Material: austenitic stainless steel.
- Packaging: 50 pieces.

## Part. S0061

### ■ Spacer

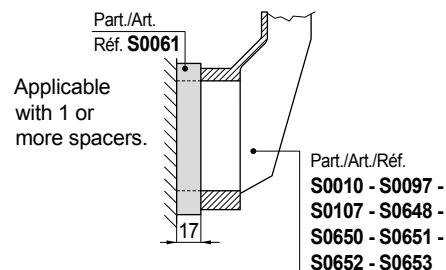


| Version     | Code          | Weight<br>kg |
|-------------|---------------|--------------|
| With lip    | <b>66194N</b> | 0,04         |
| Without lip | <b>50870N</b> |              |

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

### • Assembly of Part. S0061

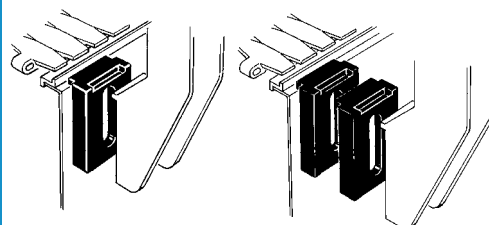
Applicable to Part. S0010 - S0097 - S0107 - S0648 - S0650 - S0651 - S0652 - S0653.



Advantages of version with lip:

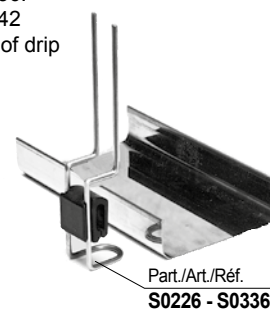
Possibility of resting on side of conveyor frame.

Possibility of assembling several spacers, all centred.



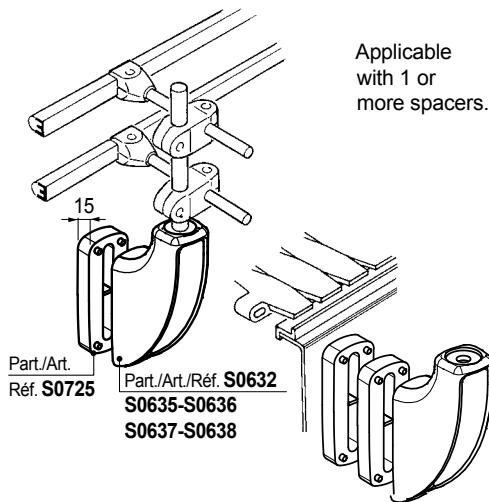
### • Assembly of drip tray support

Part. S0226 - S0336.  
Part. S0061 - S0142  
permit application of drip tray support.



## • Assembly of Part. S0725

Applicable to Part. S0632 - S0635 - S0636 - S0637 - S0638.

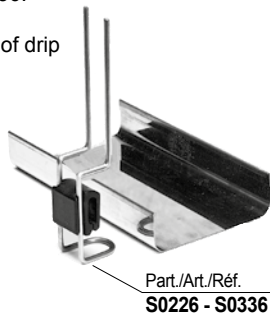


## • Assembly of drip tray support

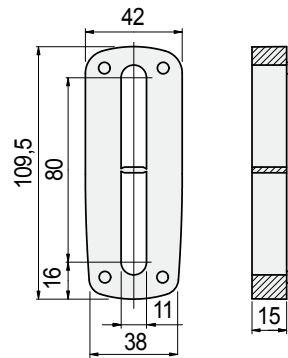
Part. S0226 - S0336.

Part. S0725

permit application of drip tray support.



## ■ Spacer



## Part. **S0725**



| Code          | Weight<br>kg |
|---------------|--------------|
| <b>688762</b> | 0,05         |

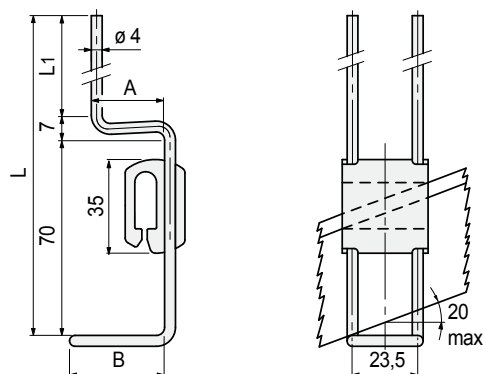
- Material: reinforced polyamide PA FV (black).
- Packaging: 24 pieces.

## Part. S0226

### ■ Drip tray support



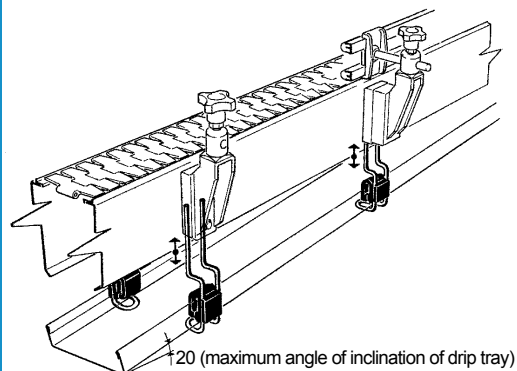
Bent rod



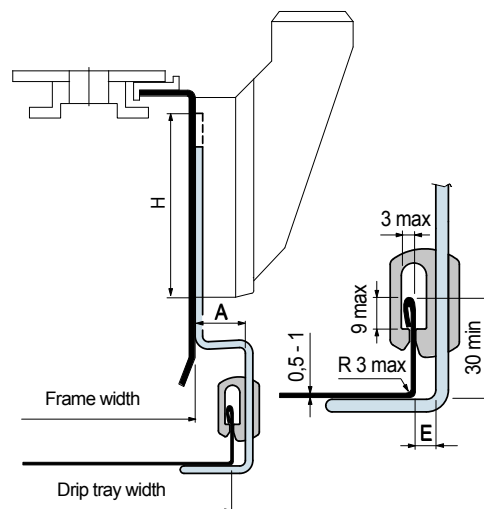
|        |     |    |    | Code        |        |
|--------|-----|----|----|-------------|--------|
| Height | L   | L1 | A  | Part. S0336 | Weight |
|        | mm  | mm | mm | Split       | kg     |
| 180    |     |    | 27 | 60574N      |        |
| 230    | 153 | 27 | 35 | 697801N     | 0,06   |
| 310    | 233 | 18 | 35 | 68299N      |        |

- Material: body in reinforced polypropylene PP FV (black), support element in austenitic stainless steel, self-tapping screw (only for Part. S0336) in stainless steel.
- Packaging: 100 pieces.

### • Assembly of Part. S0226 (standard)



### • Drip tray design



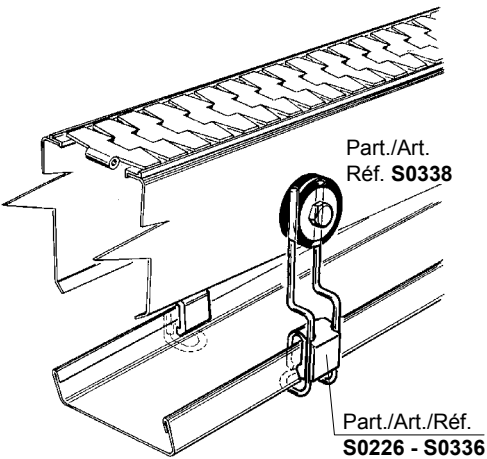
$$\text{Drip tray width} = \text{Frame width} + 2 \cdot (A - E)$$

A = see table with codes

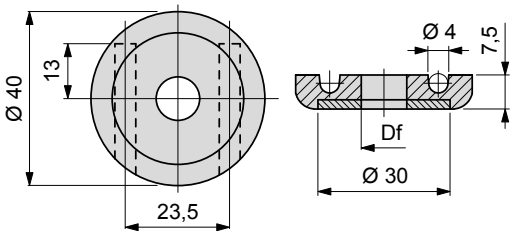
E = 10 mm for Part. S0226 (standard)

| Bracket Part.                         | Rod slot length |
|---------------------------------------|-----------------|
|                                       | H<br>mm         |
| S0081 - S0088                         | 70              |
| S0072 - S0089                         | 102,5           |
| S0085                                 | 53              |
| S0010 - S0097                         | 71              |
| S0107                                 | 72              |
| S0599                                 | 104             |
| S0140                                 | 106             |
| S0617                                 | 95              |
| S0632 - S0635 - S0636 - S0637 - S0638 | 103,5           |
| S0540 - S0541 - S0542 - S0543 - S0544 | 123             |

• Assembly of Part. S0336



■ Mounting plate



| Bore dia.<br>Df<br>mm | Code  | Weight<br>kg |
|-----------------------|-------|--------------|
| 9                     | 67563 | 0,20         |

- Material: plate in reinforced polyamide (black), washer in austenitic stainless steel.
- Packaging: 100 pieces.

Part. S0338

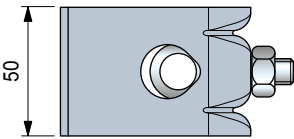
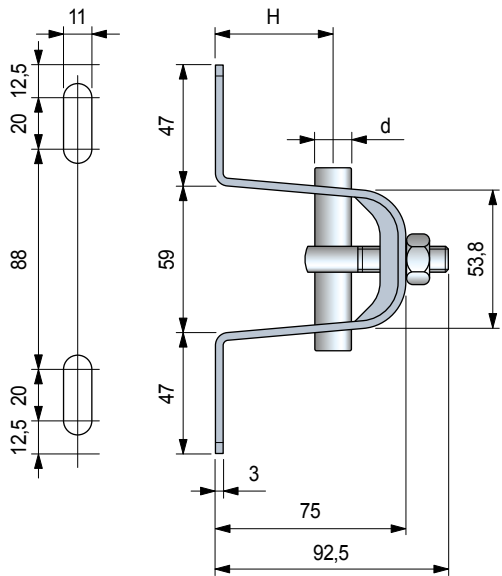


Part. S0692



Bracket

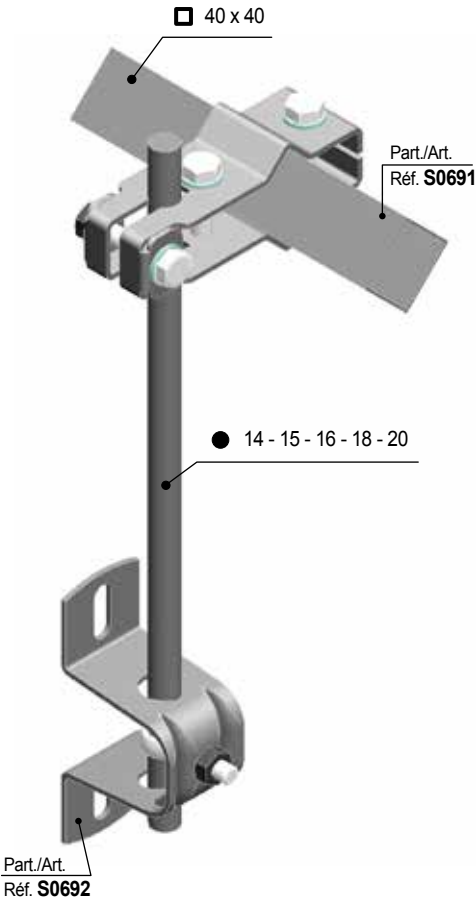
Standard version



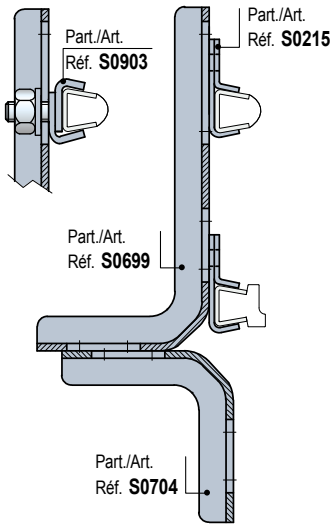
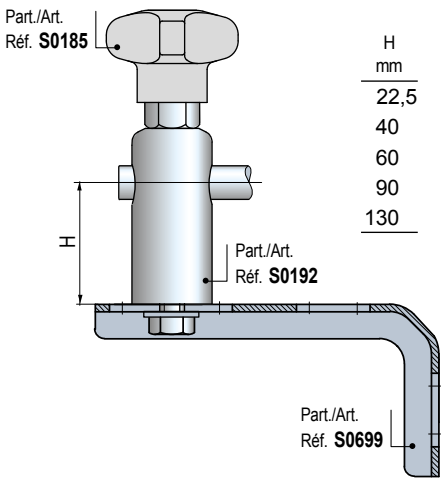
| Pin dia.<br>d<br>mm | H<br>mm | Code                |  | Weight<br>kg |
|---------------------|---------|---------------------|--|--------------|
|                     |         | Standard<br>version |  |              |
| 20                  | 42      | 686302N             |  | 0,33         |

- Material: bracket and bolt in austenitic stainless steel.
- Max recommended tightening torque: 2 Kgm.
- Packaging: 6 pieces.

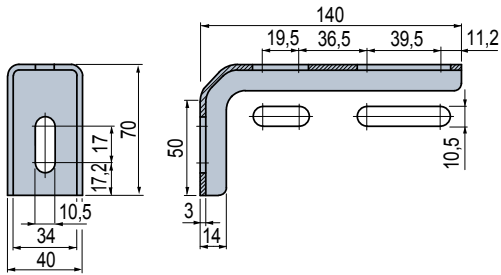
Use of Part. S0692



• Use of Part. S0699



■ Bracket



| Code   | Weight<br>kg |
|--------|--------------|
| 684872 | 0,23         |

- Material: austenitic stainless steel.
- Packaging: 6 pieces.

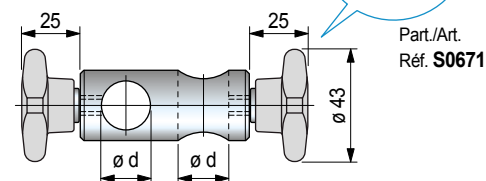
## Part. S0661



### Cross clamp

Version without knobs

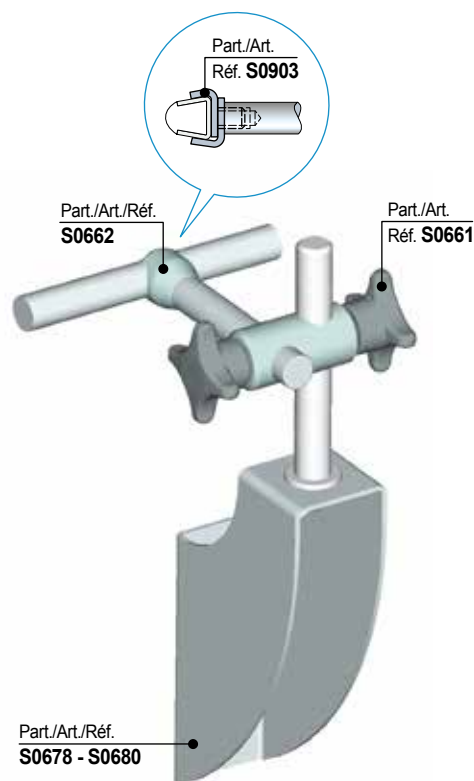
Version with knobs



| Pin dia.<br>d<br>mm | Code          | With<br>knobs | l<br>mm | A<br>mm | B<br>mm | Ø De<br>mm |
|---------------------|---------------|---------------|---------|---------|---------|------------|
| 12                  | <b>675722</b> |               | 16      | 40      | 12      | 20         |

- Material: clamp in austenitic stainless steel.  
Knob in reinforced polypropylene PP FV (grey).  
Threaded insert in austenitic stainless steel.
- Max recommended tightening torque: 1 Kgm (with knob)  
2 Kgm (with screw).
- Packaging: 24 pieces.

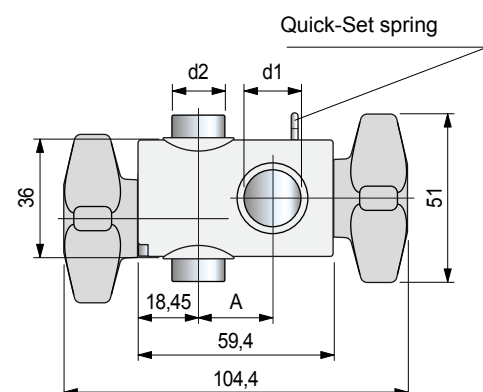
### Use of Part. S0661



## Part. S0732



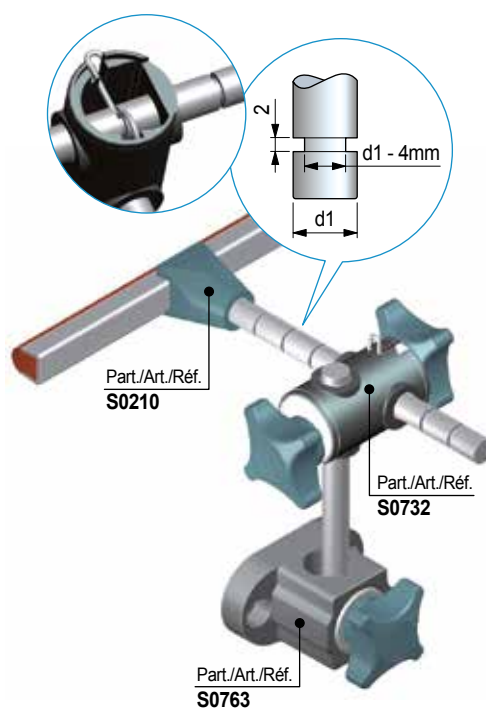
### Cross clamp with Quick-Set



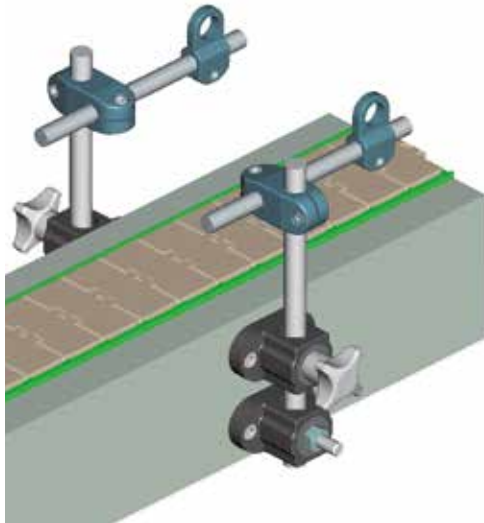
| Pin dia. d1<br>with spring |      | Pin dia. d2 |      | A    | Code           | Weight<br>kg |
|----------------------------|------|-------------|------|------|----------------|--------------|
| mm                         | inch | mm          | inch |      |                |              |
| 12                         | 1/2" | 12          | 1/2" | 24,1 | <b>692352N</b> | 0,18         |
| 12                         | 1/2" | 16          | 5/8" | 24,1 | <b>692362N</b> |              |
| 16                         | 5/8" | 12          | 1/2" | 22   | <b>638703N</b> |              |
| 16                         | 5/8" | 16          | 5/8" | 22   | <b>692372N</b> |              |

- Quick-Set spring on one of the two rods.
- Material: clamp and knobs in reinforced polyamide PA FV (black).  
Eyebolts in austenitic stainless steel.
- Max recommended tightening torque: 2 Kgm.
- Packaging: 24 pieces.

### Use of Part. S0732



- **T - clamp** Part. S0763  
Available with nut or tightening knob.



- Can be used in combination with cross clamps Part. S0661 and S0732

Part./Art./Réf. **S0661**



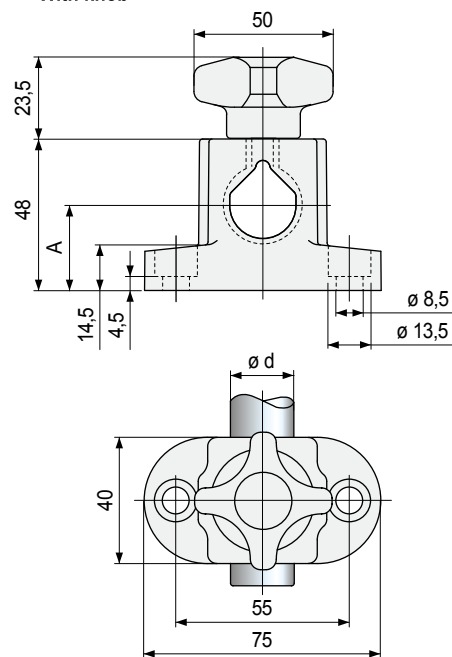
Part./Art./Réf. **S0732**



## ■ T - clamp with eyebolt

With nut

With knob



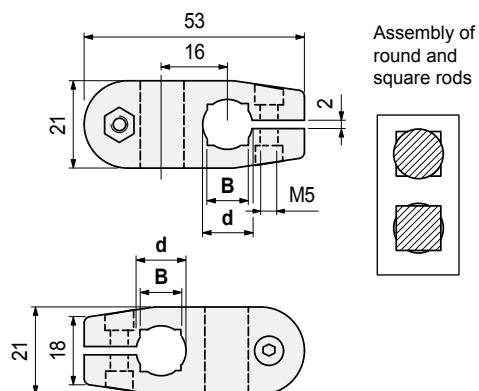
| Version   | Rod dia. |         | Code          | Weight<br>kg |
|-----------|----------|---------|---------------|--------------|
|           | d<br>mm  | A<br>mm |               |              |
| with knob | 20       | 27      | <b>610633</b> | 0,12         |

- Material: clamp and knob in reinforced polyamide PA FV (black). Threaded insert in nickel plated brass, nut, washer and eyebolt in austenitic stainless steel.
- Max recommended tightening torque: 4 Kgm.
- Packaging: 24 pieces.

## Part. S0340



### Cross clamp



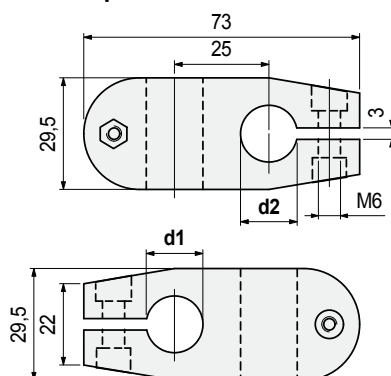
| Tightening bolt material   | Rod dia. d mm | Square rod B mm | Code   | Weight kg |
|----------------------------|---------------|-----------------|--------|-----------|
| Austenitic stainless steel | 10            | 8               | 68373  | 0,02      |
|                            | 12            | 10              | 68385  |           |
|                            | 14            | 12              | 67375  |           |
| Zinc plated steel          | 12            | 10              | 627041 |           |

- Material: clamp in reinforced polyamide PA FV (black).
- Max. recommended tightening torque: 0,5 Kgm.
- Packaging: 24 pieces.

## Part. S0174



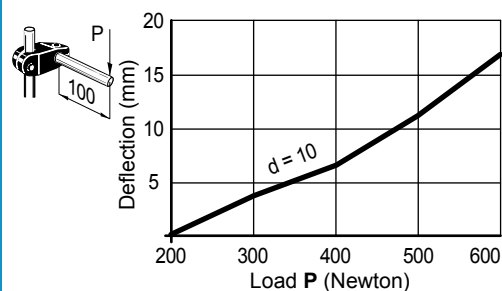
### Cross clamp



| Material                           | Rod dia. d1 mm | Rod dia. d2 mm | Code       | Weight kg |
|------------------------------------|----------------|----------------|------------|-----------|
| Reinforced polyamide PA FV (black) | 14             | 14             | S017457941 | 0,07      |
|                                    | 16             | 16             | S017453781 |           |

- Material: tightening bolt in austenitic stainless steel.
- Max recommended tightening torque: 1 Kgm (Part. S0174); 1,5 Kgm.
- Packaging: 24 pieces.

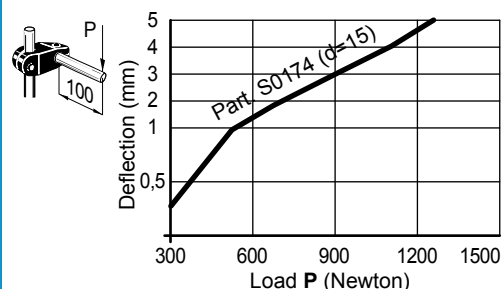
### Deflection of Part. S0340



### Technical data Part. S0340

- sliding load: 1200 N
- rotation load: 5 N/m
- Tests performed at tightening torque: 0,5 Kgm

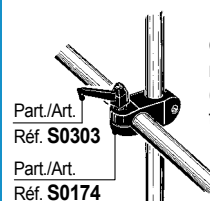
### Deflection of Part. S0174 - S0174R



### Technical data Part. S0174

- sliding load: 2500 N (width d = 14 - 15 - 16)  
2800 N (width d = 18)
- rotation load: 13 N/m
- Tests performed at tightening torque: 1 Kgm

### Assembly of Part. S0174 with ratchet handle



Can be applied with the ratchet handle Part. S0303 (code 60922), instead of the standard hardware.

Part./Art.  
Réf. **S0303**

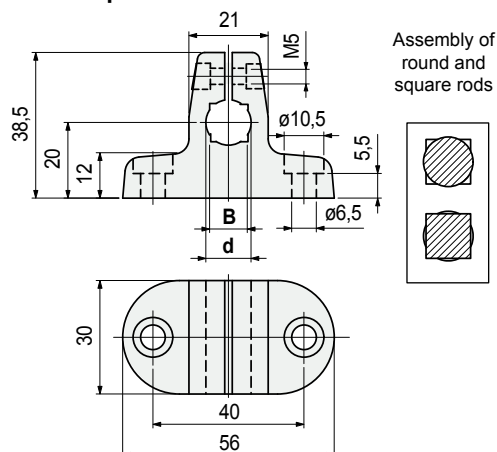
Part./Art.  
Réf. **S0174**

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## Part. S0339



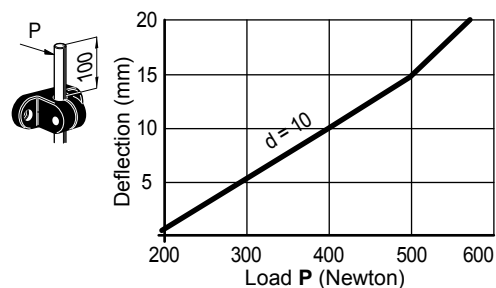
### T-clamp



| Tightening<br>bolt material   | Rod<br>dia.<br>d<br>mm | Square<br>rod<br>B<br>mm | Code   | Weight<br>kg |
|-------------------------------|------------------------|--------------------------|--------|--------------|
| Austenitic<br>stainless steel | 10                     | 8                        | 68363  | 0,03         |
|                               | 12                     | 10                       | 68375  |              |
|                               | 14                     | 12                       | 67365  |              |
| Zinc plated steel             | 12                     | 10                       | 627011 |              |

- Material: clamp in reinforced polyamide PA FV (black).
- Max. recommended tightening torque: 0,5 Kgm.
- Packaging: 24 pieces.

### Deflection of Part. S0339

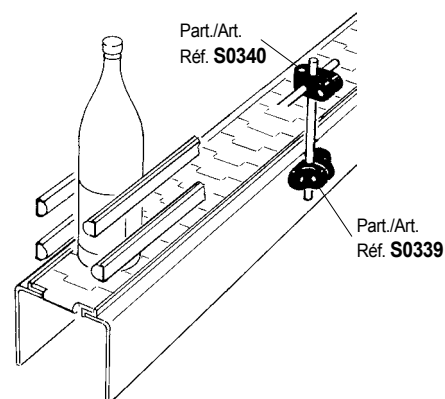


### Technical data Part. S0339

- sliding load: 650 N
- rotation load: 5 N/m
- Tests performed at tightening torque: 0,5 Kgm

### Assembly of Part. S0339

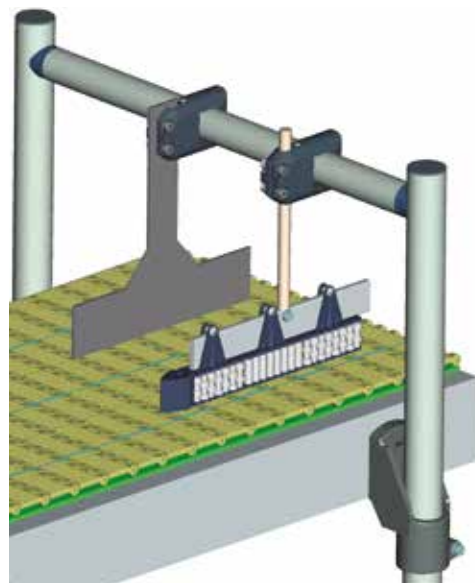
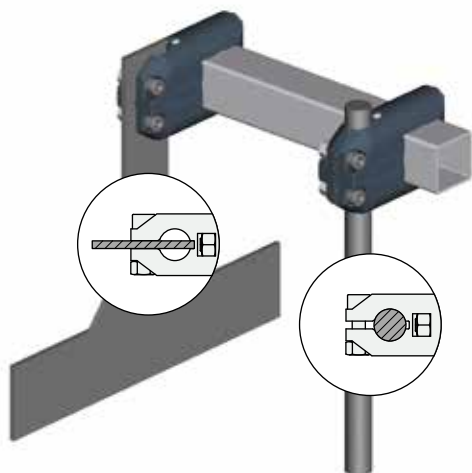
Can be used in combination with Part. S0340



## • Characteristics of Part. S0786

Are indicated for end-line applications, to support centre guide or dividers, to separate and align containers before packing area.

## • Use of Part. S0786 (for square and round tubes)

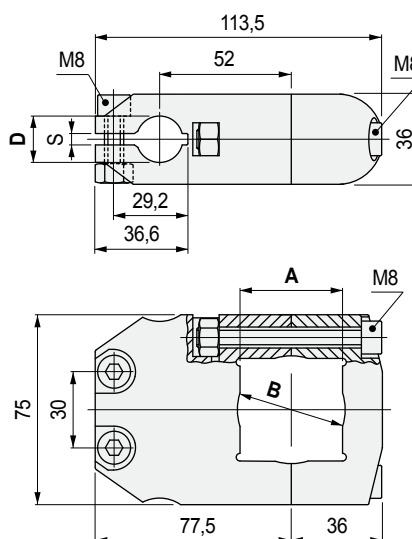


## • Use of Part. S0786 (for square and round tubes)



Ratchet handle  
spare part code  
S0303622433

## ■ Cross clamp

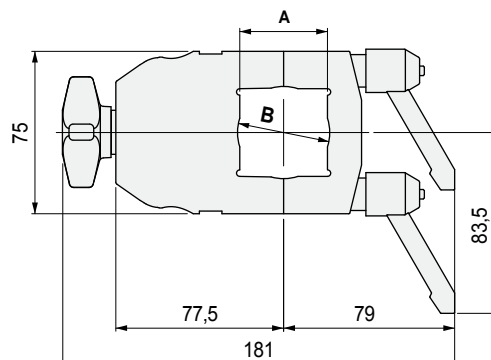


| Square tube<br>A<br>mm | Round tube<br>B<br>mm | Round rod<br>D<br>mm | Plate<br>S<br>mm | Code   | Weight<br>kg |
|------------------------|-----------------------|----------------------|------------------|--------|--------------|
| 40                     | 42,4                  | 20                   | 4                | 621783 | 0,27         |

- Material: clamp in reinforced polyamide PA FV (black), tightening screws in austenitic stainless steel, nuts in nickel plated brass.
- Max recommended tightening torque: 2 Kgm.
- Packaging: 8 pieces.

## ■ Cross clamp

### With knob and ratchet handles



| Square tube<br>A<br>mm | Round tube<br>B<br>mm | Rod dia.<br>C<br>mm | Code   | Weight<br>kg |
|------------------------|-----------------------|---------------------|--------|--------------|
| 40                     | 42,4                  | 52                  | 622423 | 0,30         |

- Material: clamp in reinforced polyamide PA FV (black), tightening screws in austenitic stainless steel.
- Ratchet handle: handle in reinforced polyamide in PA FV (black), spindle in zinc plated steel.
- Max recommended tightening torque: 2 Kgm.
- Packaging: 8 pieces.

## Part. S0786



## Part. S0786

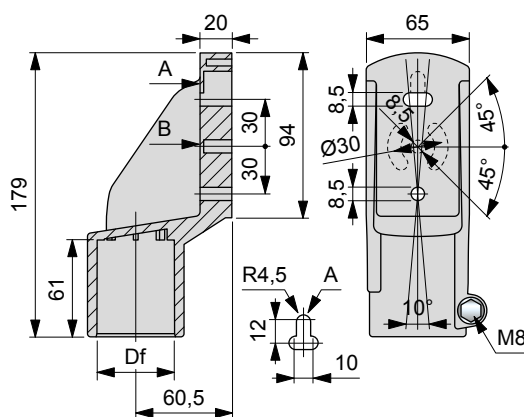


## Part. S0199

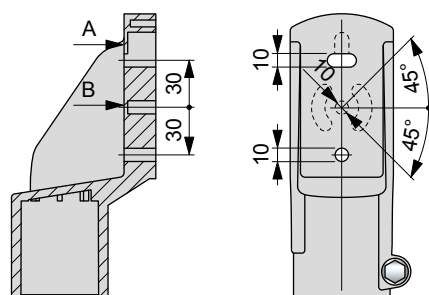


### Side mounting top bracket for round

Version with fixing holes for M8



Version with fixing holes for M10



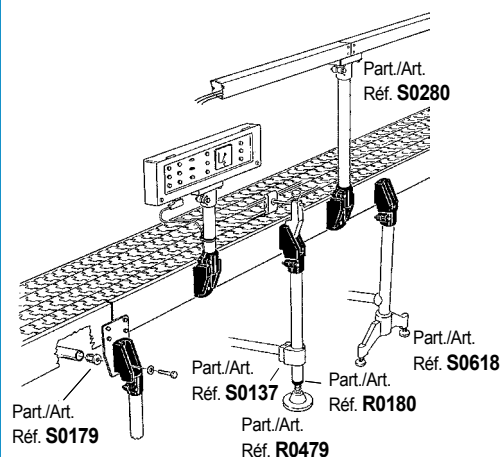
| Tube dimensions<br>mm | Bore Df<br>mm | Bolts material |
|-----------------------|---------------|----------------|
|-----------------------|---------------|----------------|

**Code**

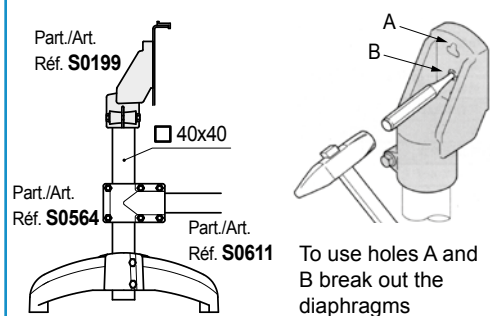
Version with fixing holes for M8

Ø48,3 (1 7/8") Ø48,3 Austenitic stainless steel 59171N

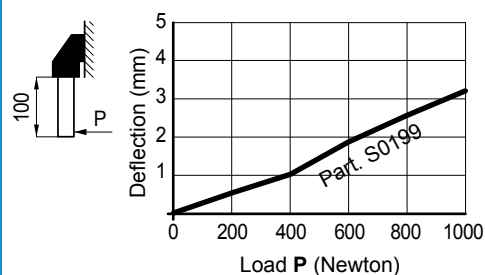
### Assembly of Part. S0199 (with round tubes)



### Assembly of Part. S0199 (with square tubes)



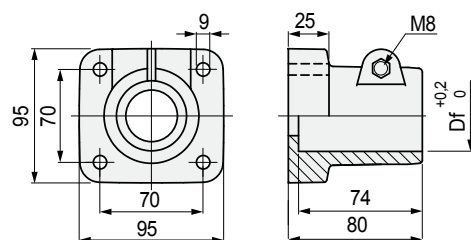
### Deflection of Part. S0199



[illegible]

## Part. S0198

### Bearing head

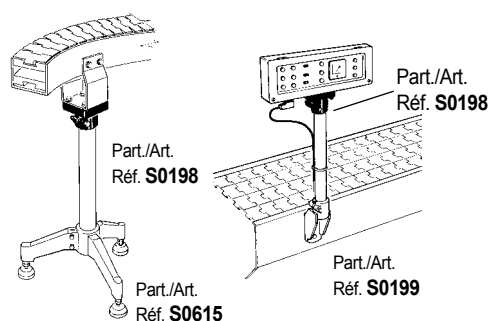


For round and square tubes

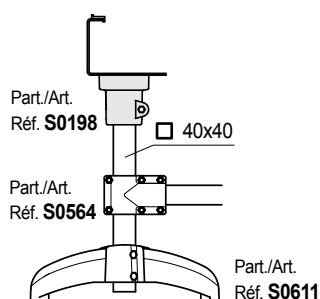
| Tube dimensions<br>mm | Bore Df<br>mm | Bolts material             | Code  |
|-----------------------|---------------|----------------------------|-------|
| Ø 48,3 (1 1/2")       | Ø 48,3        | Austenitic stainless steel | 59161 |

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

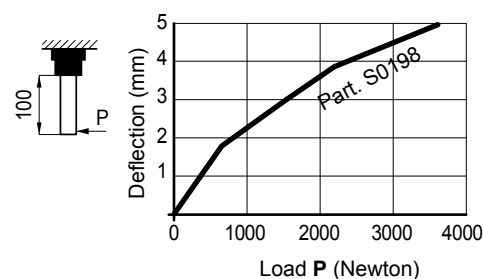
### Assembly of Part. S0198 (with round tubes)



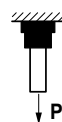
### Assembly of Part. S0198 (with square tubes)



### Deflection of Part. S0198



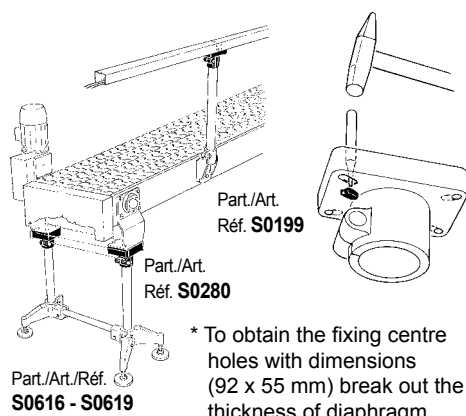
### Sliding load



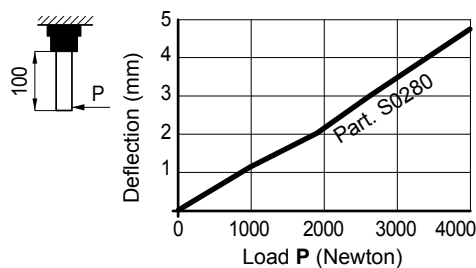
- Part. S0198- Ø48,3 (P = 1900 N)
- Part. S0198- Ø 38 (P = 4400 N)
- Part. S0198- Ø 40 (P = 2300 N)

Tests performed at tightening torque: 2 Kgm

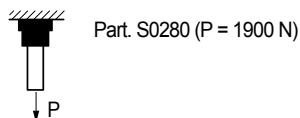
## • Assembly of Part. S0280



## • Deflection of Part. S0280

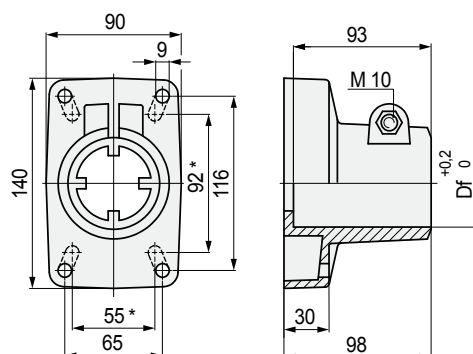


## • Sliding load



Tests performed at tightening torque:  
- 3,5 Kgm (for Part. S0280)

## ■ Bearing head



| Tube dimensions<br>mm | Bore<br>Df<br>mm | Code  |
|-----------------------|------------------|-------|
| Ø 48,3 (1 1/2")       | 48,3             | 63503 |
| Ø 60,3 (2")           | 60,3             | 66781 |

- Material: head in reinforced polyamide PA FV (black).
- Bolts material: austenitic stainless steel.
- Weight: 0,40 Kg.
- Max recommended tightening torque: 3,5 Kgm.
- Packaging: 8 pieces.

## Part. S0280



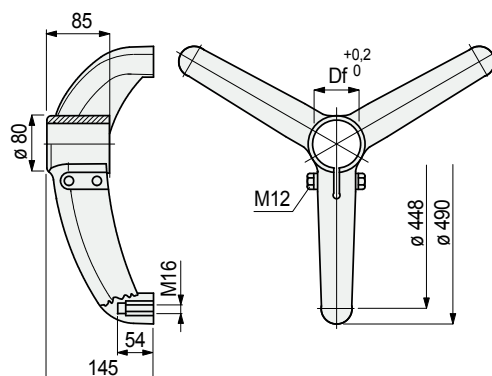
For round tubes

## Part. S0615

### Support base (tripod)



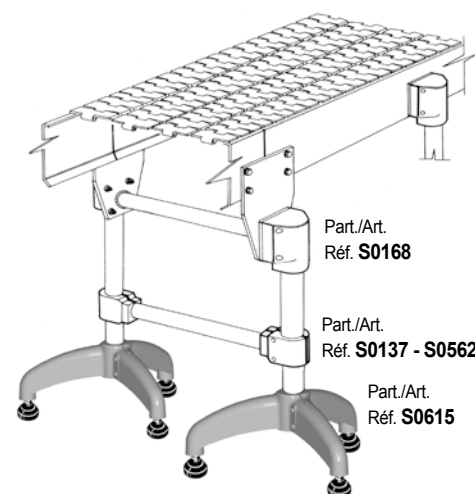
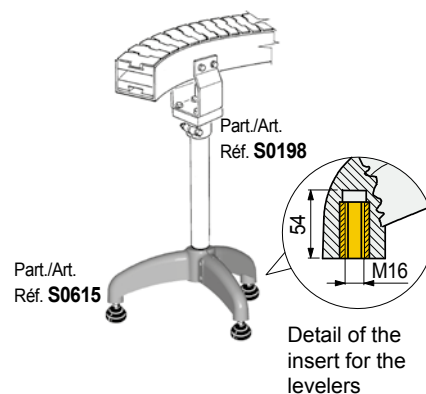
For round tubes



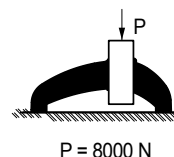
| Tube dimensions<br>mm                      | Bore dia.<br>Df<br>mm | Code          |
|--------------------------------------------|-----------------------|---------------|
| <b>Bolts in austenitic stainless steel</b> |                       |               |
| 48,3 (1 7/8")                              | 48,3                  | <b>624262</b> |
| 50,8                                       | 50,8                  | <b>624272</b> |
| 60,3 (2")                                  | 60,3                  | <b>621522</b> |

- 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.

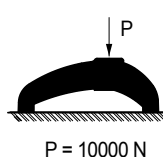
### Assembly of Part. S0615



### Sliding load

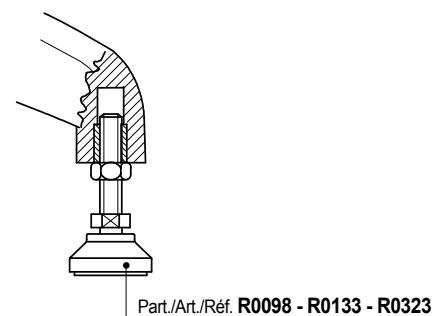


### Max applicable load

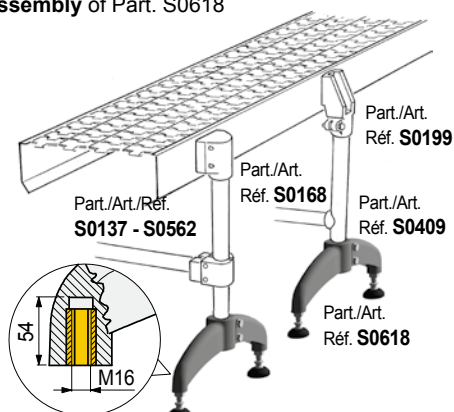


Tests performed at tightening torque: 3,6 Kgm

### Types of levelers that can be used

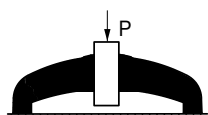


## • Assembly of Part. S0618



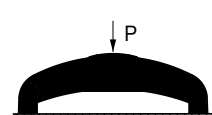
Detail of the insert for the levelers.

## • Sliding load



Part. S0618 (P = 8000 N)  
Part. S0611 (P = 8000 N)

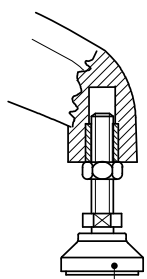
## • Max applicable load



Part. S0618 (P = 9600 N)  
Part. S0611 (P = 8000 N)

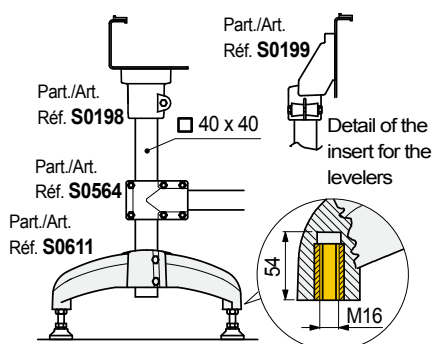
Tests performed at tightening torque:  
3,6 Kgm (Part. S0618), 2,5 Kgm (Part. S0611)

## • Types of levelers that can be used



Part./Art./Réf. R0098 - R0133 - R0323

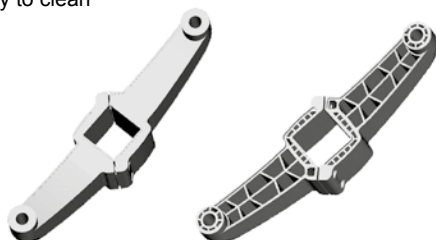
## • Assembly of Part. S0611



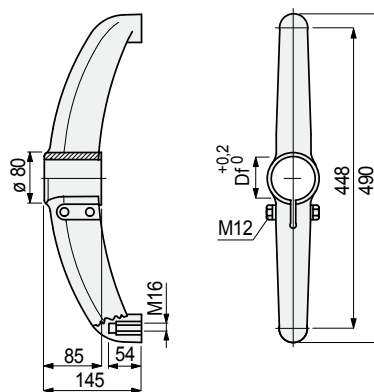
## • Part. S0611 available versions

**Closed version**  
Easy to clean

**Open versionload**



## ■ Support base (bipod)



Tube  
dimensions  
mm

Bore dia.  
Df  
mm

**Code**

### Bolts in austenitic stainless steel

|            |      |        |
|------------|------|--------|
| 48,3 (1"½) | 48,3 | 624302 |
| 50,8       | 50,8 | 624312 |
| 60,3 (2")  | 60,3 | 624322 |

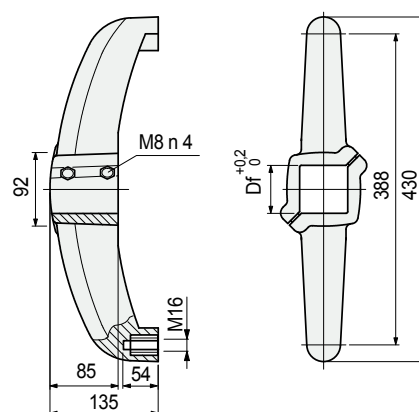
- Material: support base in reinforced polyamide PA FV (black), brass threaded bushings.
- Weight: 1,05 Kg.
- Max recommended tightening torque: 3,6 Kgm.
- Packaging: 4 pieces.

## Part. S0618



For round tubes

## ■ Support base (bipod)



Tube  
dimensions  
mm

Bore  
Df  
mm

**Code**

Open  
version

|         |    |        |
|---------|----|--------|
| 50 x 50 | 50 | 616092 |
|---------|----|--------|

- Material: support base in reinforced polyamide PA FV (black), bolts in austenitic stainless steel, tightening bushes in nickel plated brass, brass threaded bushings.
- Max recommended tightening torque: 2,5 Kgm.
- Weight: 0,9 Kg.
- Packaging: 4 pieces (8 half bases).

## Part. S0611



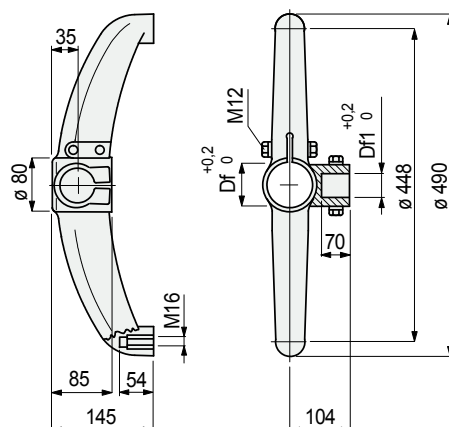
For square tubes

## Part. S0619



For round tubes

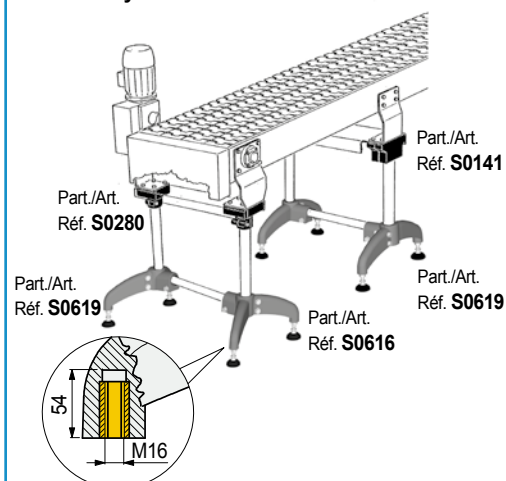
### Support base (bipod)



| Vertical tube<br>dia.<br>mm                | Horizontal tube<br>dia.<br>mm         | Bore dia.<br>Df<br>mm | Bore dia.<br>Df1<br>mm | Code   |
|--------------------------------------------|---------------------------------------|-----------------------|------------------------|--------|
| <b>Bolts in austenitic stainless steel</b> |                                       |                       |                        |        |
| 48,3 (1 <sup>3</sup> / <sub>2</sub> )      | 42,4 (1 <sup>3</sup> / <sub>4</sub> ) | 48,3                  | 42,4                   | 624372 |
| 48,3 (1 <sup>3</sup> / <sub>2</sub> )      | 48,3 (1 <sup>3</sup> / <sub>2</sub> ) | 48,3                  | 48,3                   | 692052 |
| <b>Bolts in zinc plated steel</b>          |                                       |                       |                        |        |
| 48,3 (1 <sup>3</sup> / <sub>2</sub> )      | 42,4 (1 <sup>3</sup> / <sub>4</sub> ) | 48,3                  | 42,4                   | 638852 |

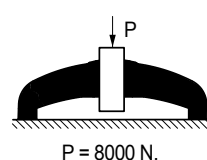
- Material: support base in reinforced polyamide PA FV (black), brass threaded bushings.
- Weight: 1,05 Kg.
- Max recommended tightening torque: 3,6 Kgm.
- Packaging: 4 pieces.

### Assembly of Part. S0619



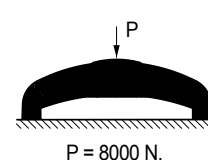
Detail of the insert for the levelers.

### Sliding load



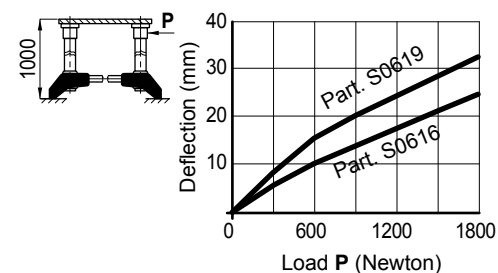
P = 8000 N.

### Max applicable load



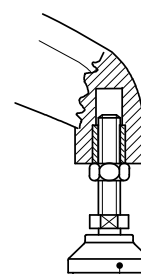
P = 8000 N.

### Deflection



Tests performed at tightening torque: 3,6 Kgm

### Types of levelers that can be used



Part./Art./Réf. R0098 - R0133 - R0323

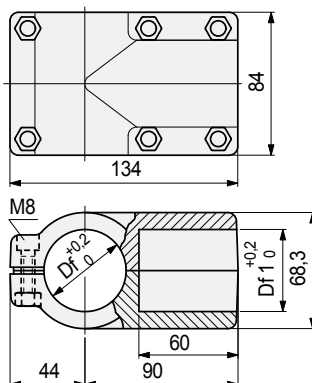


## Part. S0562



For round tubes

### Connecting Joints



| Vertical tube<br>dia.<br>mm | Horizontal tube<br>dia.<br>mm | Bore dia.<br>Df<br>mm | Bore dia.<br>Df1<br>mm | Code |
|-----------------------------|-------------------------------|-----------------------|------------------------|------|
|-----------------------------|-------------------------------|-----------------------|------------------------|------|

|               |               |      |      |        |
|---------------|---------------|------|------|--------|
| 48,3 (1 7/8") | 48,3 (1 7/8") | 48,3 | 48,3 | 697861 |
|---------------|---------------|------|------|--------|

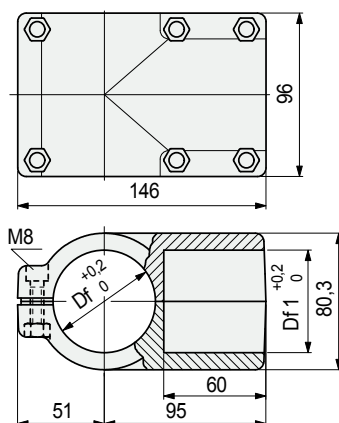
- Material: joint in reinforced polyamide PA FV (black). Tightening screws in austenitic stainless steel, nuts in nickel plated brass.
- Weight: 0,4 Kg.
- Max recommended tightening torque: 1,5 Kgm.
- Packaging: 8 pieces.

## Part. S0563



For round tubes

### Connecting Joints



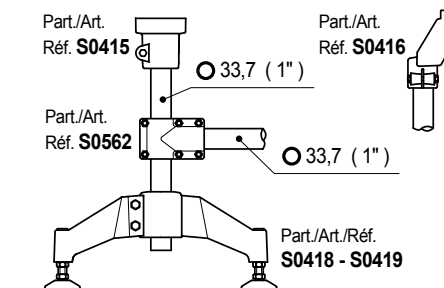
| Vertical tube<br>dia.<br>mm | Horizontal tube<br>dia.<br>mm | Bore dia.<br>Df<br>mm | Bore dia.<br>Df1<br>mm | Code |
|-----------------------------|-------------------------------|-----------------------|------------------------|------|
|-----------------------------|-------------------------------|-----------------------|------------------------|------|

|           |           |      |      |        |
|-----------|-----------|------|------|--------|
| 50,8      | 50,8      | 50,8 | 50,8 | 669512 |
| 60,3 (2") | 60,3 (2") | 60,3 | 60,3 | 697891 |

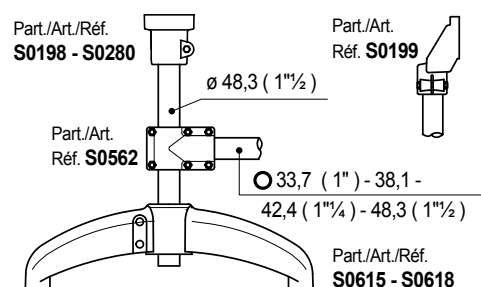
- Material: joint in reinforced polyamide PA FV (black). Tightening screws in austenitic stainless steel, nuts in nickel plated brass.
- Weight: 0,5 Kg.
- Max recommended tightening torque: 1,5 Kgm.
- Packaging: 8 pieces.

### Assembly of Part. S0562

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

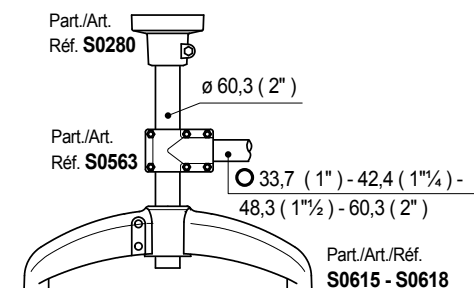


Example of assembly with vertical tubes  $\varnothing$  48,3 mm

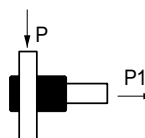


### Assembly of Part. S0563

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



### Sliding load resistance

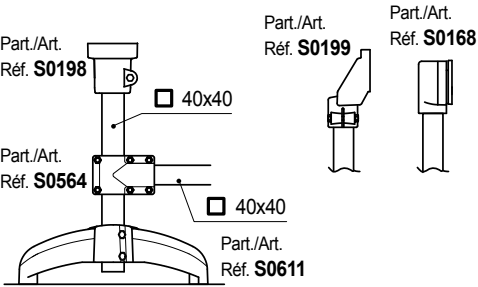


Part. S0562 (P = 2000 N) - (P1 = 3500 N)  
Part. S0563 (P = 1500 N) - (P1 = 3000 N)

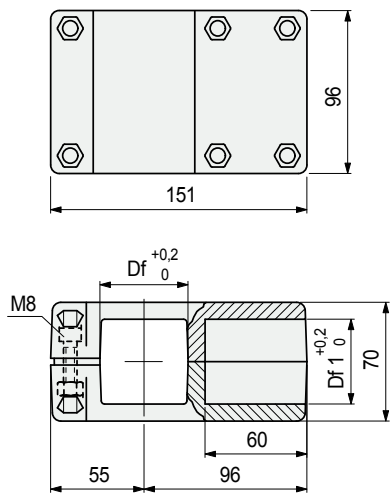
Tests performed at tightening torque: 1,5 Kgm

• Assembly of Part. S0564

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



■ Connecting Joints



| Tube dimensions<br>mm | Bore Df<br>mm | Bore Df1<br>mm | Code   |
|-----------------------|---------------|----------------|--------|
| $\nabla$ 40 x 40      | $\nabla$ 40   | $\nabla$ 40    | 698541 |
| $\nabla$ 50 x 50      | $\nabla$ 50   | $\nabla$ 50    | 698551 |

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

Part. S0564



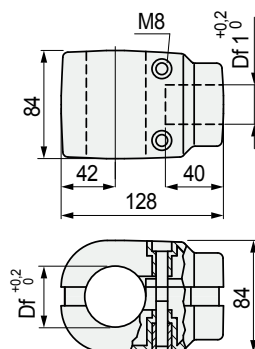
For square tubes

## Part. S0137

### Connecting Joints



For round tubes

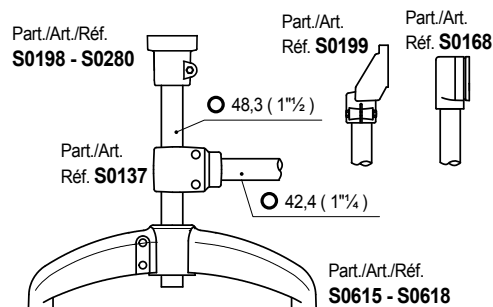


| Vertical tube<br>dia.<br>mm | Horizontal tube<br>dia.<br>mm | Bore dia.<br>Df<br>mm | Bore dia.<br>Df1<br>mm | Code  |
|-----------------------------|-------------------------------|-----------------------|------------------------|-------|
| Ø 48,3 (1 7/8")             | Ø 42,4 (1 3/4")               | 48,3                  | 42,4                   | 66813 |
| Ø 60,3 (2")                 | Ø 42,4 (1 3/4")               | 60,3                  | 42,4                   | 65020 |

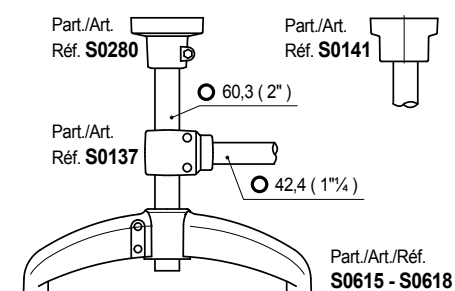
- Material: joint in reinforced polyamide PA FV (black). Tightening screws in austenitic stainless steel, tightening bushes in nickel plated brass.
- Weight: 0,44 Kg.
- Max recommended tightening torque: 1 Kgm.
- Packaging: 8 pieces.

#### • Assembly of Part. S0137

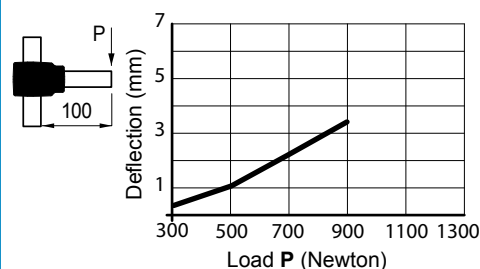
Example of assembly with vertical tubes Ø 48,3 mm



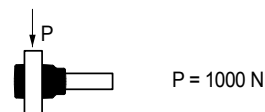
Example of assembly with vertical tubes Ø 60,3 mm



#### • Deflection



#### • Sliding load resistance



Tests performed at tightening torque: 1 Kgm

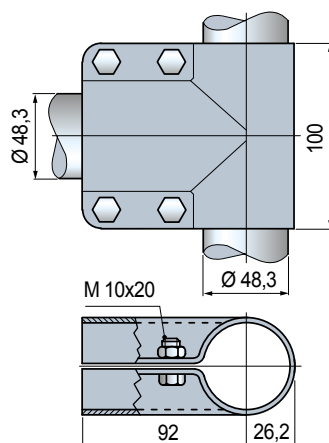
Lined area for notes.

## Part. S0686



For tubes Ø 48,3 mm

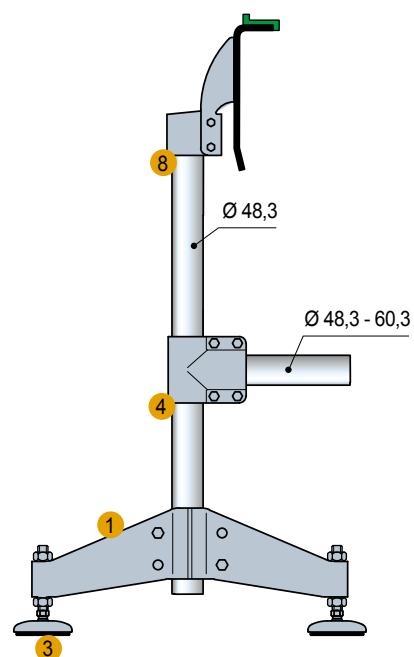
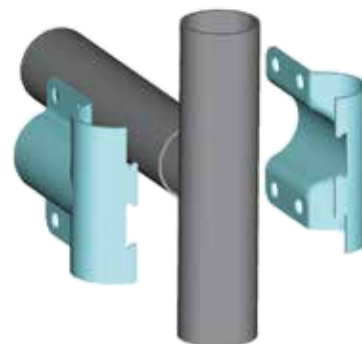
### ■ Connecting Joints



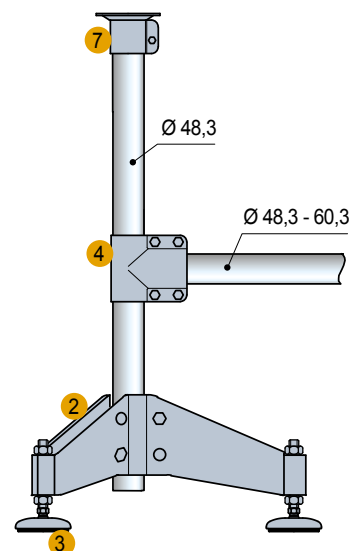
| Tube<br>dia.<br>mm | State of supply | Code          | Weight<br>kg |
|--------------------|-----------------|---------------|--------------|
| 48,3 (1" 1/2)      | With bolts      | <b>684512</b> | 0,64         |
|                    | Without bolts   | <b>684522</b> |              |

- Material: joint and bolts in austenitic stainless steel.
- Packaging: 4 pieces.

### • Assembly Part. S0686

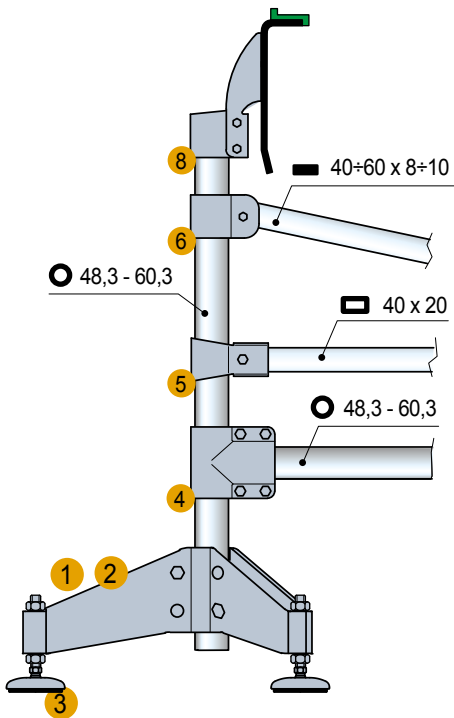


- 1 - Part. S0706
- 2 - Part. S0707
- 3 - Part. S0623 - S0627
- 4 - Part. S0686
- 7 - Part. S0690
- 8 - Part. S0685

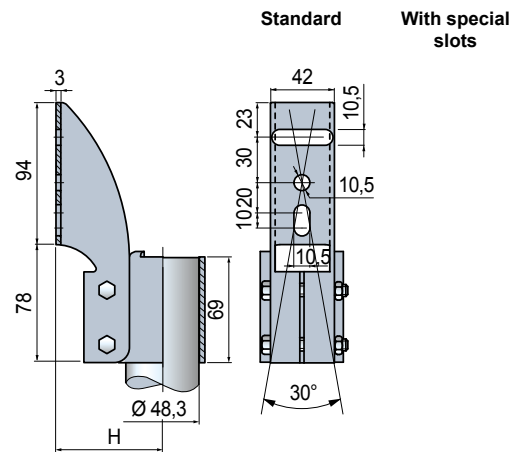
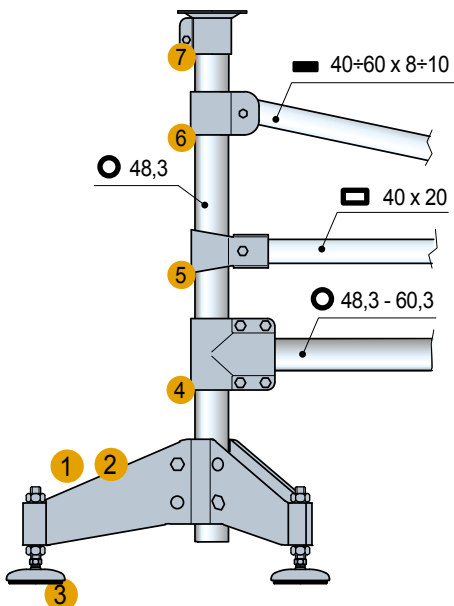
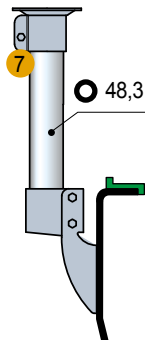


**Part. S0685**

■ **Side mounting top bracket**



- 1 - Part. S0706  
2 - Part. S0707  
3 - Part. S0623 - S0627  
4 - Part. S0686  
5 - Part. S0688  
6 - Part. S0689  
7 - Part. S0690  
8 - Part. S0685



| Tube<br>dia.<br>mm | Code          | H<br>mm | Weight<br>kg |
|--------------------|---------------|---------|--------------|
|                    | Standard      |         |              |
| 48,3 (1"1/2)       | <b>684502</b> | 72      | 0,70         |

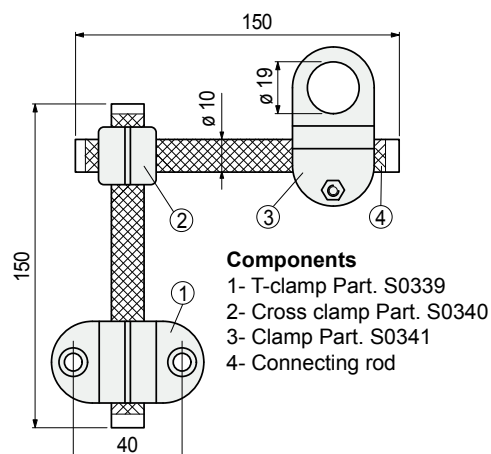
- Material: top bracket and bolts in austenitic stainless steel.
- Packaging: 4 pieces.



## Part. S0342



### ■ Assembly kit for photocells or sensors



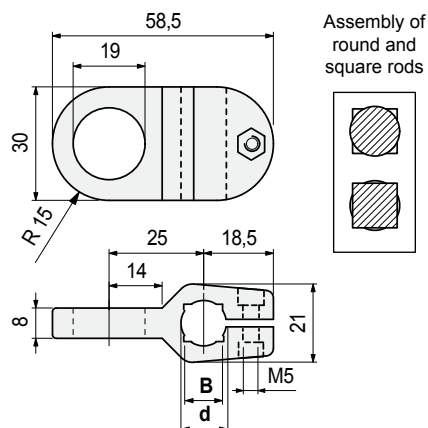
| Code    | Weight<br>kg |
|---------|--------------|
| 605153N | 0,14         |

- Material: clamps in reinforced polyamide PA FV (black), tightening bolt and connecting rods in austenitic stainless steel.
- Max recommended tightening torque : 0,5 Kgm.
- Packaging: 24 Kit.

## Part. S0341



### ■ Clamp for photocells or sensors

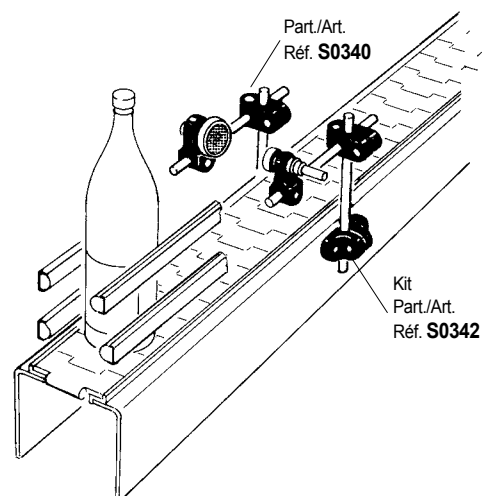


| Tightening<br>bolt material   | Rod dia.<br>d<br>mm | Square<br>rod<br>B<br>mm | Code  | Weight<br>kg |
|-------------------------------|---------------------|--------------------------|-------|--------------|
| Austenitic<br>stainless steel | 12                  | 10                       | 68395 | 0,02         |

- Material: clamp in reinforced polyamide PA FV (black).
- Max recommended tightening torque: 0,5 Kgm.
- Packaging: 24 pieces.

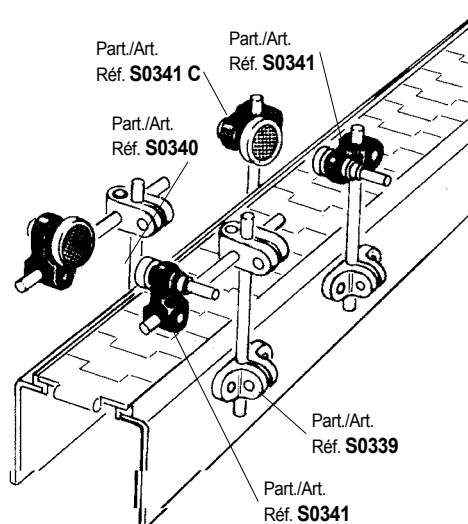
### • Assembly Part. S0342

Dia. 18 mm photocells or sensors



### • Assembly Part. S0341

Dia. 18 mm photocells or sensors

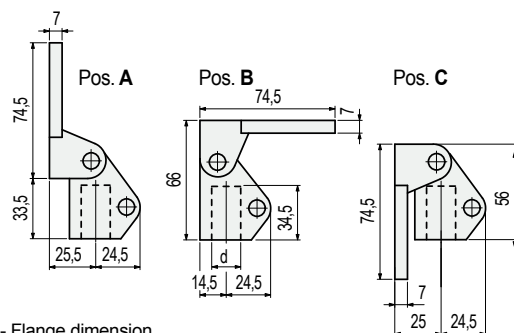


This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

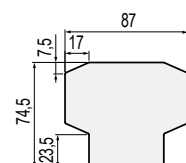
## Part. S0372

### ■ Universal clamp for photocells or reflectors

- Can be fitted in positions A - B - C



- Flange dimension



Self-tapping screw

Square section

Rod dia.  
d  
mm

Code

Weight  
kg

|    |       |      |
|----|-------|------|
| 14 | 61786 |      |
| 16 | 61806 | 0,12 |

- Material: clamp in reinforced polyamide PA FV (black), tightening bolt in austenitic stainless steel.

- State of supply: already assembled in position A

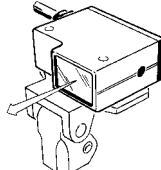
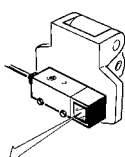
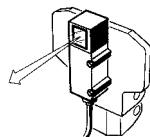
- Max recommended tightening torque: 1,5 Kgm.

- Packaging: 24 pieces.

### • Suitable photocell types

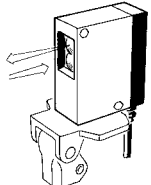
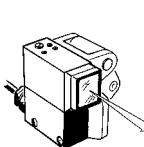
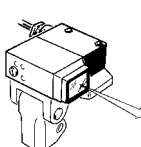
- Omron / E3S - R

- Sick / WL 36

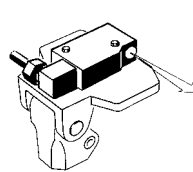
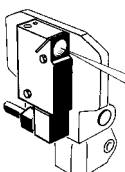


- Omron / E3A2

- Datalogic / RT 7



- Leuze / Rk 18

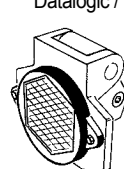
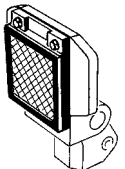
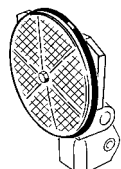


### • Suitable reflector types

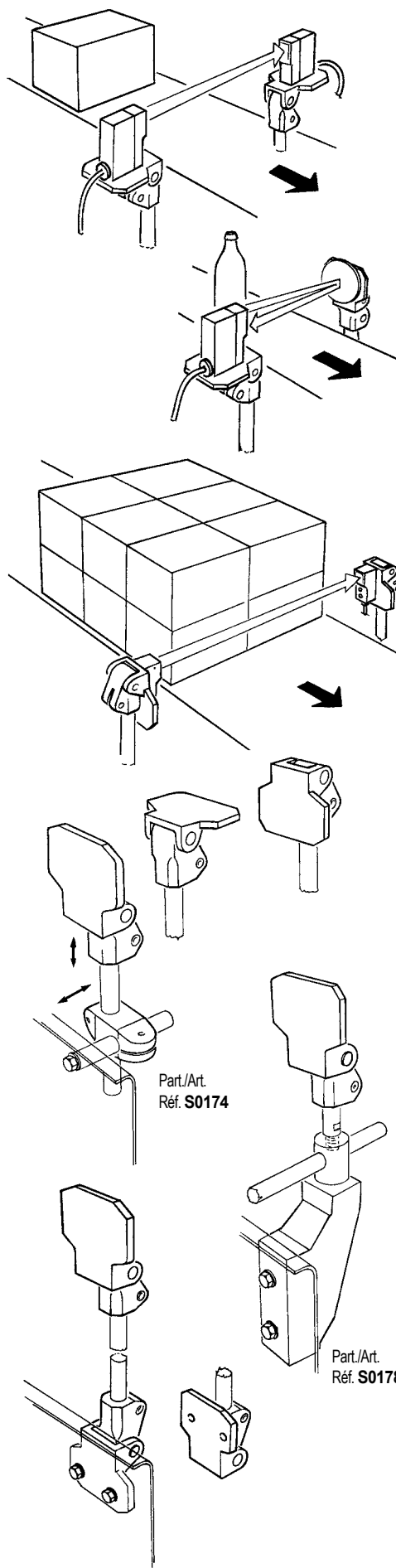
Diell / RL 110

Sicest / RF - 230

Diell / RL 113  
Datalogic / R2



### • Assembly Part. S0372



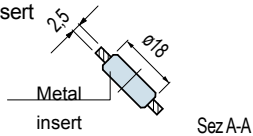
## • Use

Contact lever ideal to mechanically check the presence of products. Works in conjunction with photocells or magnetic sensor (proximity sensor).

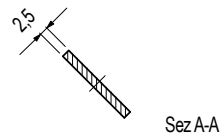
## • Versions

The control contact lever is supplied in three versions according to the type of sensor to be used.

- 1) With hole and metal insert (for magnetic sensor).

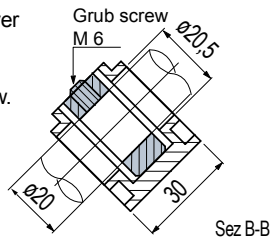


- 2) Without hole

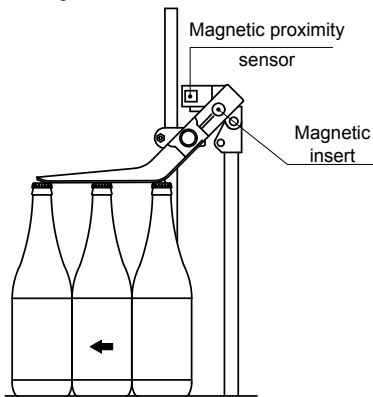


## • Assembly on the shaft.

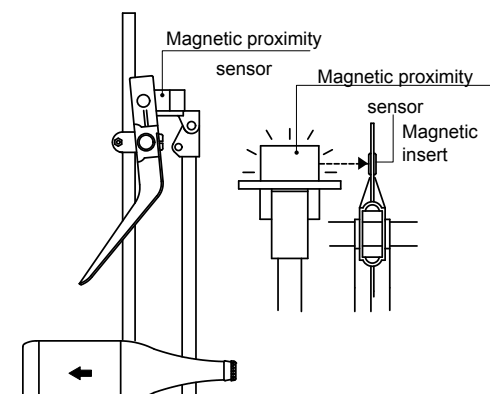
The control contact lever can be axially fixed on the shaft with a metal collar and a grub screw.



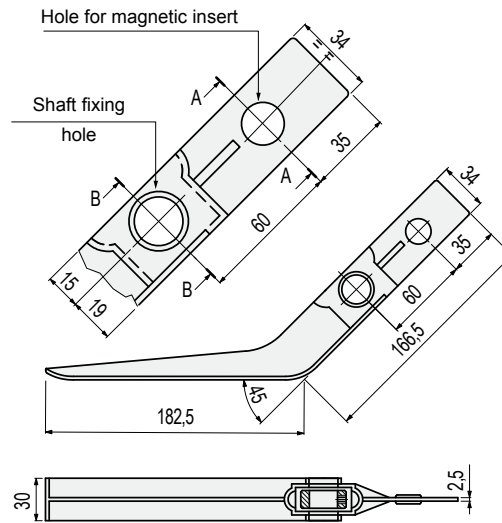
- **Assembly of Part. S0518 (with insert for magnetic sensor)**  
In regular conditions the control contact lever is high and magnetic proximity sensor does not detect the presence of magnetic insert.



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

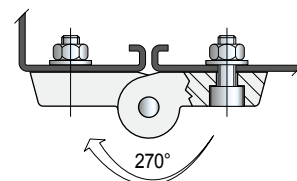
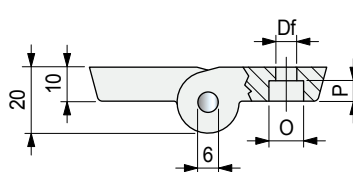
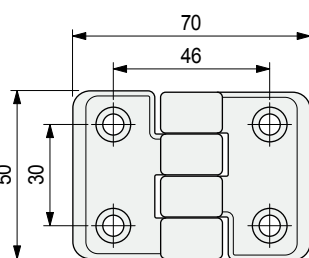


| Version                    | Code    | Weight<br>kg |
|----------------------------|---------|--------------|
| With hole and metal insert | 642951N | 0,1          |
| Without hole               | 696021N |              |

- Material: lever in polypropylene (black), insert (for magnetic sensor) in ferritic stainless steel, locking spacer (for shaft fixing) in zinc plated steel.
- Packaging: 24 pieces.

## Part. S0337

■ 270° hinge

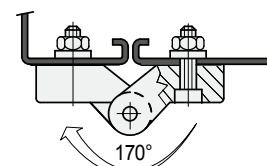
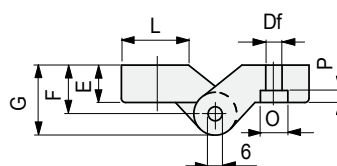
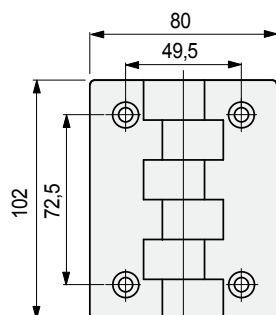


| Fixing screws dia. | Code         | ø Df mm | O mm | P mm | Weight gr | Packaging No. of pieces |
|--------------------|--------------|---------|------|------|-----------|-------------------------|
| M 6                | <b>67023</b> | 6,5     | 10,5 | 6    | 55        | 24                      |
| M 8                | <b>60334</b> | 8,5     | 13,5 | 4    |           |                         |

- Material: hinge in reinforced polyamide PA FV (black). Pin in ferritic stainless steel.
- Max recommended tightening torque: 0,5 Kgm.
- Packaging: 12 pieces

## Part. S0260

■ 170° hinge

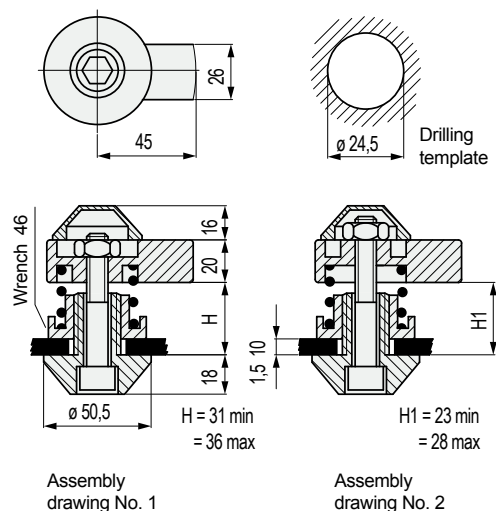


| E mm | Fixing screws dia. | Code         | ø Df mm | F mm | G mm | O mm | P mm | L mm | Weight gr | Packaging No. of pieces |
|------|--------------------|--------------|---------|------|------|------|------|------|-----------|-------------------------|
| 11,5 | M 6                | <b>65021</b> | 6,5     | 14,5 | 23,5 | 10,5 | 6    | 35   | 110       | 20                      |

- Material: hinge in polyamide PA (black). Pin in austenitic stainless steel.
- Max recommended tightening torque: 0,5 Kgm (with M6 screws), 1 Kgm (with M8 screws).
- Packaging: 12 pieces

[illegible]

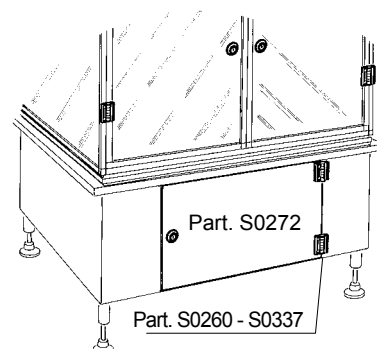
**Lock**



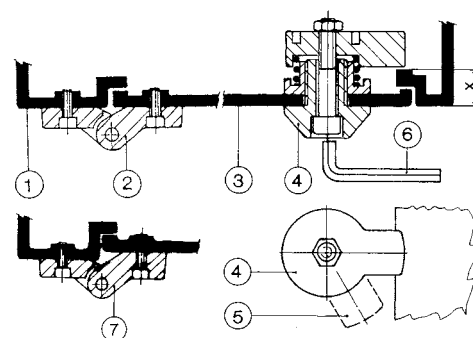
| Code  | Weight<br>kg |
|-------|--------------|
| 66771 | 0,2          |

- Material: body in reinforced polyamide PA FV (black), bolts, nuts and spring in austenitic stainless steel.
- Use: closure of doors in machines for food industry (washing, bottling, etc).
- Packaging: 12 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 Part. S0272**



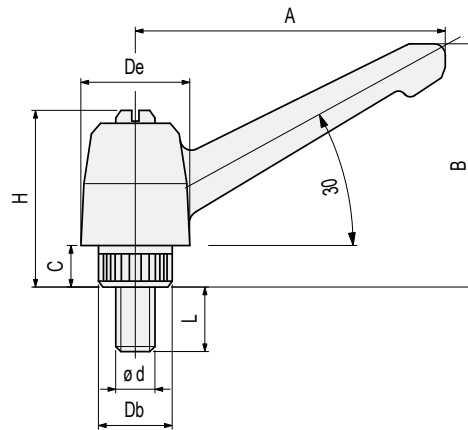
- Fig. 1



- 1 - Machine structure.
- 2 - Hinge Part. S0260 - S0337.
- 3 - Door.
- 4 - Lock Part. S0272 (in closed position).
- 5 - Lock Part. S0272 (in open position).
- 6 - Lock key (with exagonal 10 wrench).
- 7 - Hinge Part. S0260 (for misalligned mounting surfaces).

## Ratchet handle clamping

Part. **S0303**



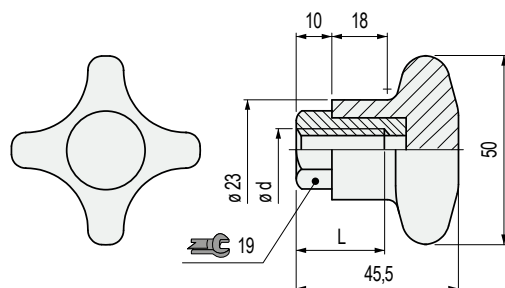
| Bore dia.<br>d | A<br>mm | B<br>mm | C<br>mm | L<br>mm | H<br>mm | Db<br>mm | De<br>mm | Code  |
|----------------|---------|---------|---------|---------|---------|----------|----------|-------|
| M8             | 55      | 51      | 10      | 25      | 37      | 15       | 20       | 60872 |

- Material: handle in reinforced polyamide in PA FV (black), spindle in austenitic stainless steel.
- Packaging: 12 pieces.

## Part. S0182



### ■ Tightening knob



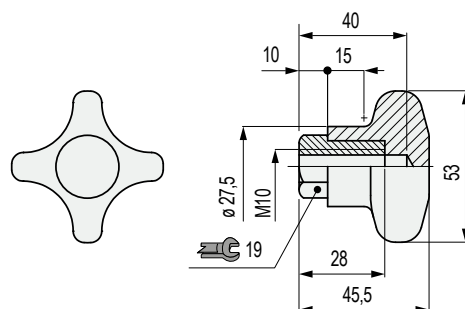
| Thread<br>dia.<br>d                                  | Code           | L<br>mm   |
|------------------------------------------------------|----------------|-----------|
| <b>Threaded insert in austenitic stainless steel</b> |                |           |
| <b>M8</b>                                            | <b>649961N</b> | <b>23</b> |
| <b>Threaded insert in nickel plated brass</b>        |                |           |
| <b>M10</b>                                           | <b>54911</b>   | <b>28</b> |

- 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: 12 pieces.

## Part. S0183



### ■ Tightening knob



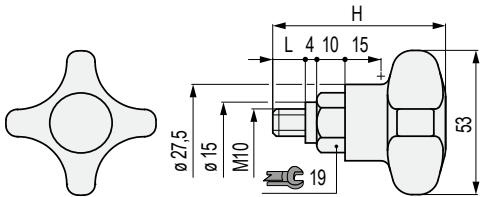
| Code         |
|--------------|
| <b>54921</b> |

- 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: 12 pieces.

Tightening knob

Part. **S0185**

Version with hexagonal key



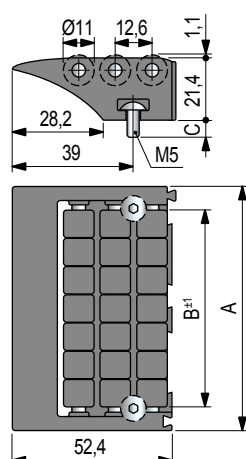
| Material knob                         | L<br>mm | Code  | H<br>mm |
|---------------------------------------|---------|-------|---------|
| Version with hexagonal key            |         |       |         |
| Reinforced Polyamide<br>PA FV (black) | 11      | 53081 | 61      |

- 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 austenitic stainless steel).
- 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: 12 pieces.

## Part. S0567



### End transfer module (with lip)



#### Code

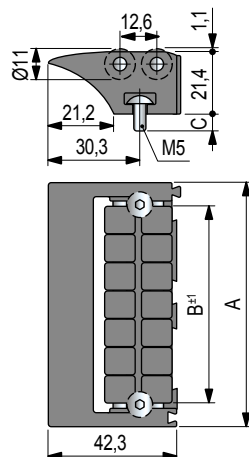
| A<br>mm | B<br>mm | C<br>mm        | Frame and Rollers<br>in acetal<br>Rex-HP<br>(dark grey) |
|---------|---------|----------------|---------------------------------------------------------|
| 85      | 67,6    | Without screws | <b>688792</b>                                           |
|         |         | 13             | <b>688812</b>                                           |
| 115     | 97      | Without screws | <b>687382</b>                                           |
|         |         | 13             | <b>677322</b>                                           |

- Material: roller pins and screws in austenitic stainless steel.
- Modularity: snap-on assembly with Part. S0568.
- Packaging: 10 pieces.
- Weight: A=85: 0,09, A=115: 0,11.

## Part. S0672



### End transfer module (with lip)



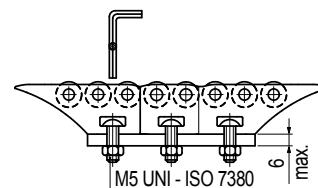
#### Code

| A<br>mm | B<br>mm | C<br>mm        | Frame and Rollers<br>in acetal<br>Rex-HP<br>(dark grey) |
|---------|---------|----------------|---------------------------------------------------------|
| 85      | 67,6    | Without screws | <b>687412</b>                                           |
|         |         | 13             | <b>687432</b>                                           |
| 115     | 97      | Without screws | <b>687412</b>                                           |
|         |         | 13             | <b>687432</b>                                           |

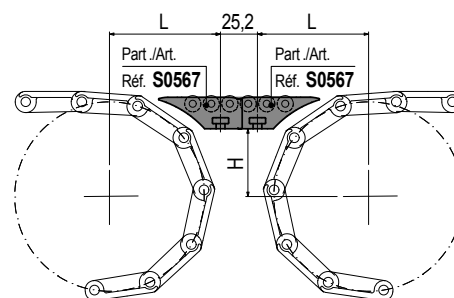
- Material: roller pins and screws in austenitic stainless steel.
- Modularity: snap-on assembly with Part. S0568.
- Packaging: 10 pieces.
- Weight: A=85: 0,09, A=115: 0,11.

### Fixing

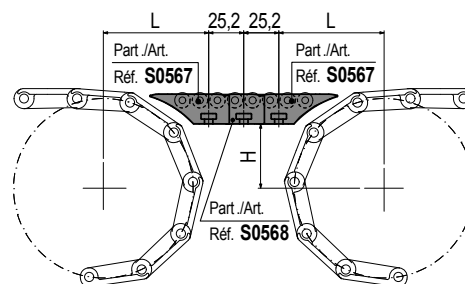
Screws are tightened with an hexagon key inserted between rollers.



### Head to tail transfer of small and light products.

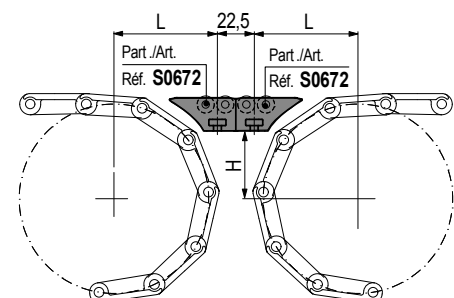


L and H see page S0164.

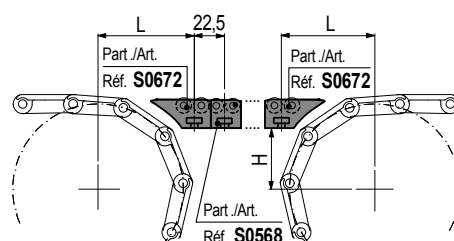


L and H see page S0164.

### Compact version.

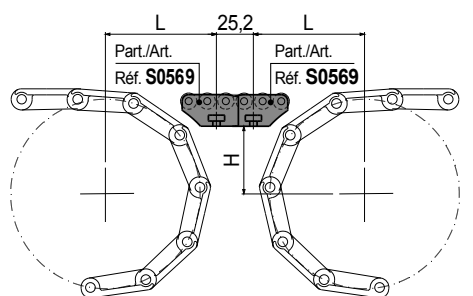


L and H see page S0166.

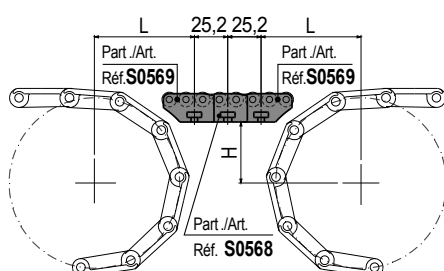


L and H see page S0166.

- Head to tail transfer of big and heavy products.

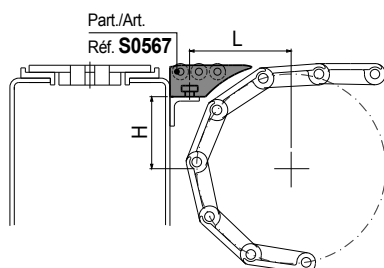


L and H see page S0164.



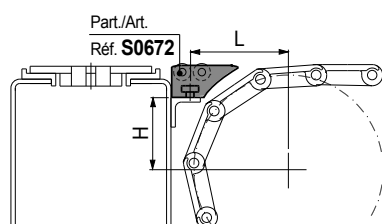
L and H see page S0164.

- 90° transfer of small and light products.



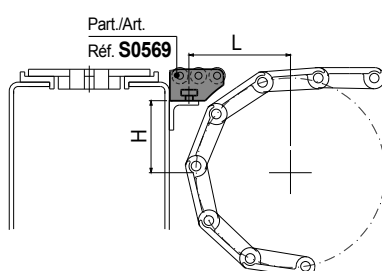
L and H see page S0164.

Compact version.



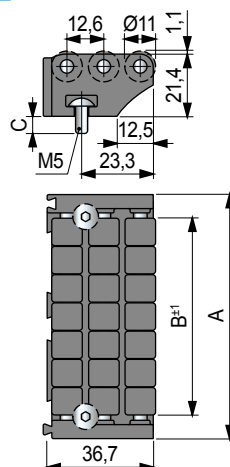
L and H see page S166.

- 90° transfer of big and heavy products.



L and H see page S0164.

## End transfer module



### Code

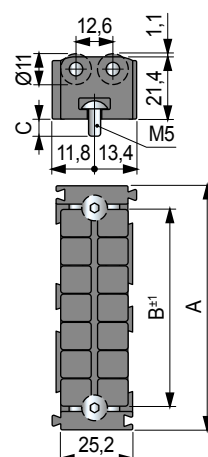
| A<br>mm | B<br>mm | C<br>mm        | Frame and Rollers<br>in acetal<br>Rex-HP<br>(dark grey) |
|---------|---------|----------------|---------------------------------------------------------|
| 85      | 67,6    | Without screws | <b>605922</b>                                           |
|         |         | 13             | <b>601092</b>                                           |
| 115     | 97      | Without screws | <b>687392</b>                                           |

- Material: roller pins and screws in austenitic stainless steel.
- Modularity: snap-on assembly with Part. S0568.
- Packaging: 10 pieces.
- Weight: A=85: 0,09, A=115: 0,10.

## Part. S0569



## End transfer module



### Code

| A<br>mm | B<br>mm | C<br>mm        | Frame and Rollers<br>in acetal<br>Rex-HP<br>(dark grey) |
|---------|---------|----------------|---------------------------------------------------------|
| 85      | 67,6    | Without screws | <b>605912</b>                                           |
|         |         | 13             | <b>601082</b>                                           |
| 115     | 97      | Without screws | <b>687402</b>                                           |

- Material: roller pins and screws in austenitic stainless steel.
- Modularity: snap-on assembly with Part. S0567 - S0569 - S0672.
- Packaging: 20 pieces.
- Weight: A=85: 0,08, A=115: 0,10.

## Part. S0568





## 846 Roller Transfer Plates

Features Rexnord HP™ acetal frame and two rows of Rexnord XLBP rollers for extra low friction.

**10604101 ROL-PLT 846 LIP2 L85MM XLBP**

**10604102 ROL-PLT 846 LIP2 L115MM XLBP**



## 847 Roller Transfer Plates

Features Rexnord HP acetal frame and three rows of Rexnord XLBP rollers for extra low friction.

**10604103 ROL-PLT 847 LIP3 L85MM XLBP**

**10604104 ROL-PLT 847 LIP3 L115MM XLBP**



## 848 Roller Transfer Plates

Features Rexnord HP acetal frame and five rows of Rexnord XLBP rollers for extra low friction.

**10604105 ROL-PLT 848 LIP5 L85MM XLBP**

**10604116 ROL-PLT 848 LIP5 L115MM XLBP**



## 849 Roller Transfer Plates

Features Rexnord HP acetal frame and two rows of Rexnord XLBP rollers for extra low friction.

**10604117 ROL-PLT 849 END L85MM XLBP**

**10604118 ROL-PLT 849 END L115MM XLBP**



## 850-865 Assembly Bar

Reinforced polyamide bar allows for modular assembly of roller transfer plates with widths of 85 millimeter and higher.

**Metric code nr. S0850646733**

**Inch code nr. S0865646743**



## 864 Profile for Compact Transfer Plates

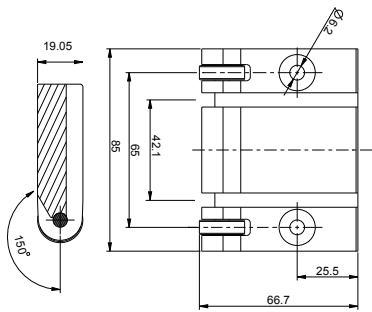
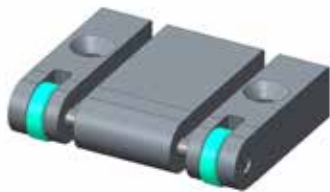
Allows for modular assembly when used in combination with the 850 assembly bar and 846 transfer plates.

**Code nr. S0864646663**

This image shows a full page of blank, lined paper. It features approximately 30 evenly spaced horizontal grey lines across its entire width, providing a guide for handwriting or typing. The paper itself is a clean, off-white color. There are no margins, text, or other markings present on the page.

Part. S0905

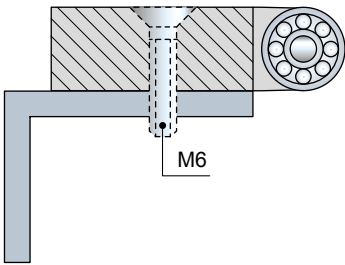
Dynamic “Nose - Over” bar standard profile



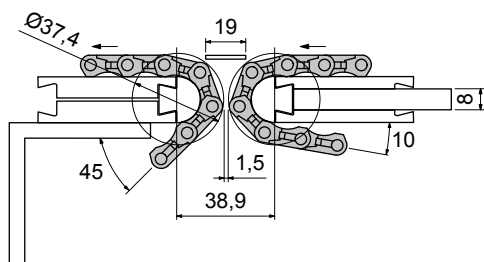
| Description                      | Code     | Weight<br>mm |
|----------------------------------|----------|--------------|
| Nose Over Dyn 905<br>L85MM M6 PT | 10603961 | 0,18         |

- Material: Polyethylene ULF 500.000 (brown red).
- Packaging: 1 pieces.

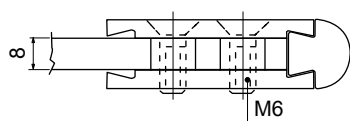
• Modular nose - over bar standard  
N2 M6 socked flat head cap screws UNI 5933.



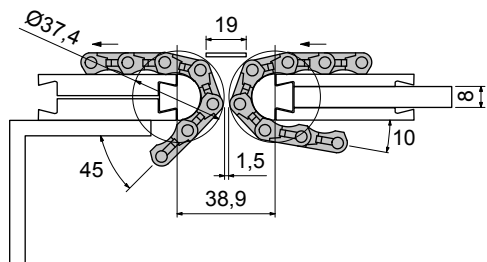
## • Assembly of Part. S0905



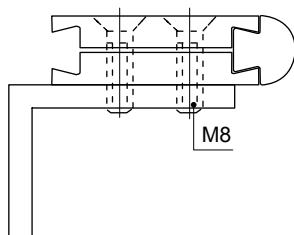
## • Assembly of "Nose - Over" bar with 8 mm plate



## • Assembly of Part. S0905



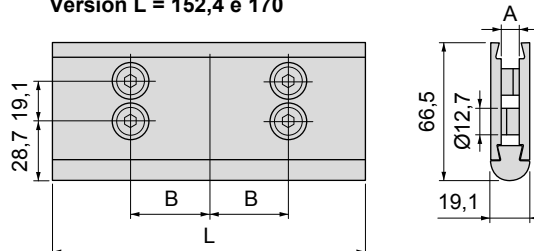
## • Modular nose - over bar standard N4 M8 socked flat head cap screws UNI 5933.



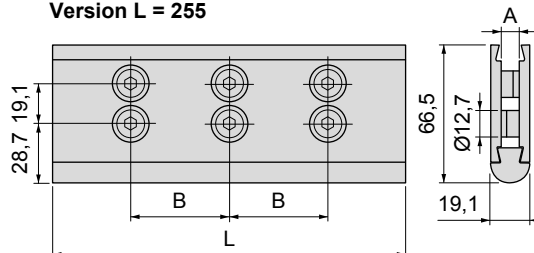
## • Use of Part. S0905 Head to tail transfer with MatTop® chain Series 1500.

## ■ Modular "Nose - Over" bar low profile

Version L = 152,4 e 170



Version L = 255



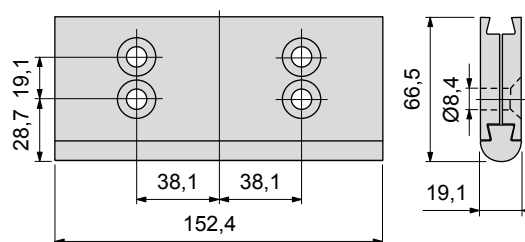
| L<br>mm | B<br>mm | Hardware | A         | Code     | Weight<br>Kg |
|---------|---------|----------|-----------|----------|--------------|
| 152,4   | 38,1    | M6       | 8 mm      | 10483148 | 0,18         |
|         |         | 1/4-20   | 0,25 inch | 10483150 |              |
| 170     | 42,5    | M6       | 8 mm      | 10476256 | 0,20         |
| 255     | 85      | M6       | 8 mm      | 10476257 | 0,31         |

- Material: clamp in polyamide PA (black), sliding profile in ULF, steel hardware.
- Packaging: 1 pieces.

## Part. S0905



## ■ Modular "Nose - Over" bar standard profile

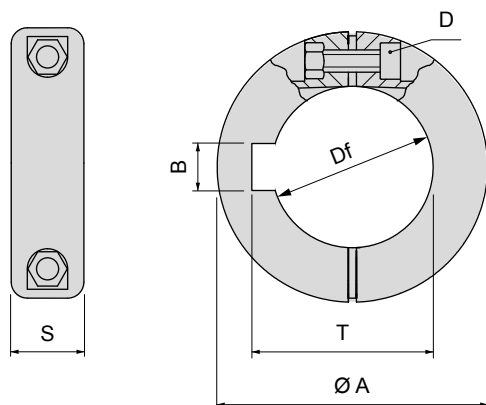


| Code     | Weight<br>mm |
|----------|--------------|
| 10483148 | 0,18         |

- Material: clamp in polyamide PA (black), sliding profile in ULF.
- Packaging: 1 pieces.

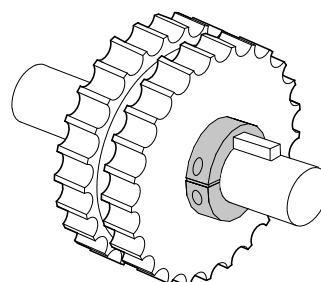
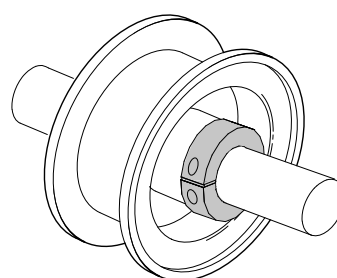
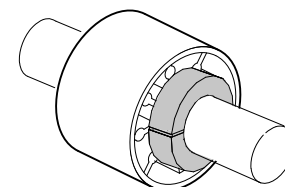
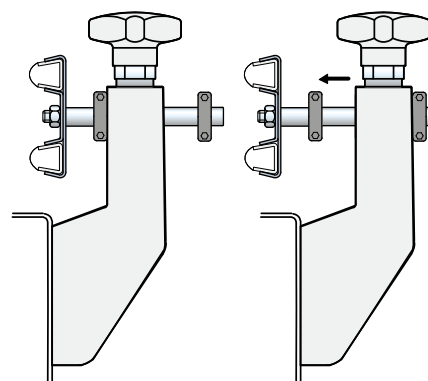
## Part. S0905



**Part. S0612**
**Split shaft collar (with round bore)**


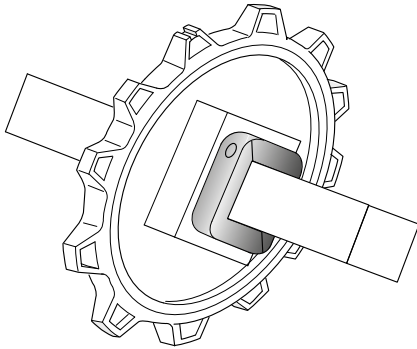
| Bore dia.                  | Ø A     | S    | B    | T    | D     | Code             | Weight |
|----------------------------|---------|------|------|------|-------|------------------|--------|
| mm                         | inch    | mm   | mm   | mm   | mm    |                  | kg     |
| <b>Without seat keyway</b> |         |      |      |      |       |                  |        |
| -                          | 1/2"    | 30   | 11,7 | -    | -     | M4 <b>655072</b> | -      |
| 16                         | 5/8"    | 35   | 11,7 | -    | -     | M4 <b>655092</b> | -      |
| -                          | 3/4"    | 40   | 14   | -    | -     | M4 <b>655102</b> | -      |
| 20                         | -       | 40   | 14   | -    | -     | M4 <b>614722</b> | 0,019  |
| 25                         | -       | 45   | 14   | -    | -     | M4 <b>619452</b> | 0,022  |
| 30                         | -       | 50   | 16   | -    | -     | M4 <b>640602</b> | 0,026  |
| -                          | 1 1/4"  | 50   | 16   | -    | -     | M4 <b>608463</b> | -      |
| -                          | 1 1/2"  | 63,5 | 18   | -    | -     | M5 <b>611283</b> | -      |
| 40                         | -       | 63,5 | 18   | -    | -     | M5 <b>686232</b> | 0,040  |
| <b>With seat keyway</b>    |         |      |      |      |       |                  |        |
| 25                         | -       | 45   | 14   | 8    | 28,3  | M4 <b>683812</b> | 0,022  |
| -                          | 1"      | 45   | 14   | 6,4  | 28,58 | M4 <b>655112</b> | -      |
| 30                         | -       | 50   | 16   | 8    | 33,3  | M4 <b>614732</b> | 0,026  |
| -                          | 1 1/4"  | 50   | 16   | 6,4  | 34,98 | M4 <b>655122</b> | -      |
| -                          | 1 7/16" | 63,5 | 18   | 9,58 | 41,02 | M5 <b>605043</b> | -      |
| -                          | 1 1/2"  | 63,5 | 18   | 9,58 | 42,65 | M5 <b>655132</b> | -      |
| 40                         | -       | 63,5 | 18   | 12   | 43,3  | M5 <b>615012</b> | 0,040  |

- Material: collar in reinforced polyamide PA FV (black), tightening bolt in austenitic stainless steel.
- Max recommended tightening torque: 0,3 Kgm.
- Packaging: 24 pieces.

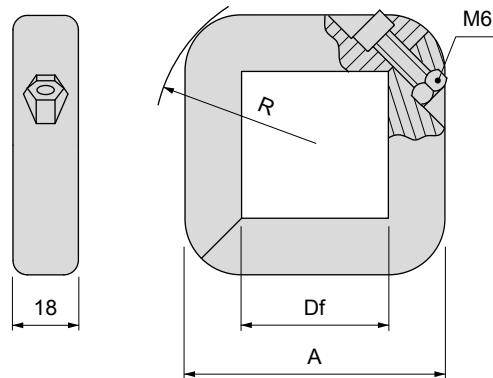
**Assembly of Part. S0612 (with round bore)**
**- With sprockets**

**- With idler wheels**

**- With rollers**

**- With side brackets**


• **Assembly Part. S0612 (with square bore)**

- Ideal for the locking of MatTop® sprockets.
- Version in reinforced Polyamide PA FV, gives better resistance at high temperatures.
- Version in reinforced Polypropylene PP FV, gives better resistance against chemical agents.



■ **Split shaft collar (with square bore)**



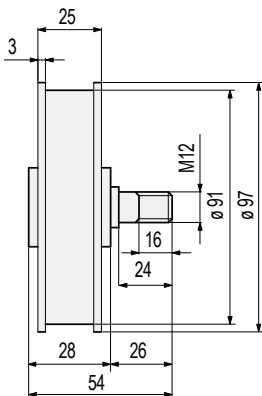
**Part. S0612**

| Square bore<br>Df               |        | Material<br>Polyamide<br>PA FV<br>(black) | Code | A<br>mm | R<br>mm |
|---------------------------------|--------|-------------------------------------------|------|---------|---------|
| mm                              | inch   |                                           |      |         |         |
| <b>Version with metric bore</b> |        |                                           |      |         |         |
| 40x40                           | -      | <b>692952</b>                             |      | 72      | 44      |
| <b>Version with inch bore</b>   |        |                                           |      |         |         |
| -                               | 1 1/2" | <b>692942</b>                             |      | 72      | 44      |
| -                               | 2 1/2" | <b>692972</b>                             |      | 95      | 58      |

- Material tightening bolt: austenitic stainless steel.
- Max recommended tightening torque: 0,5 Kgm.
- Packaging: 24 pieces.

Part. S0075

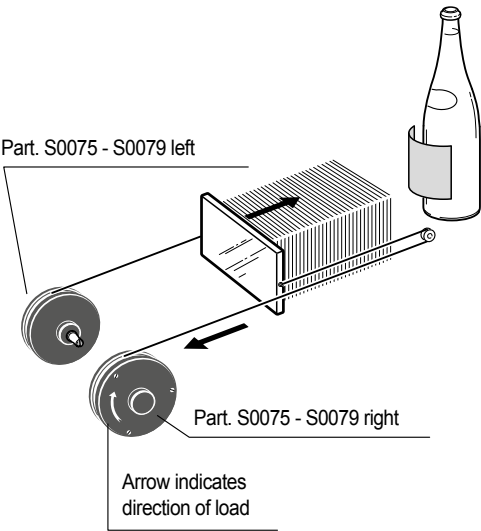
■ Winding tensioner



| Load<br>gr. | Winding<br>travel<br>mm | Direction of<br>travel | Code    |
|-------------|-------------------------|------------------------|---------|
| 0÷4000      | 2500                    | right                  | 672642N |
|             |                         | left                   | 672652N |

- 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: 4 pieces.

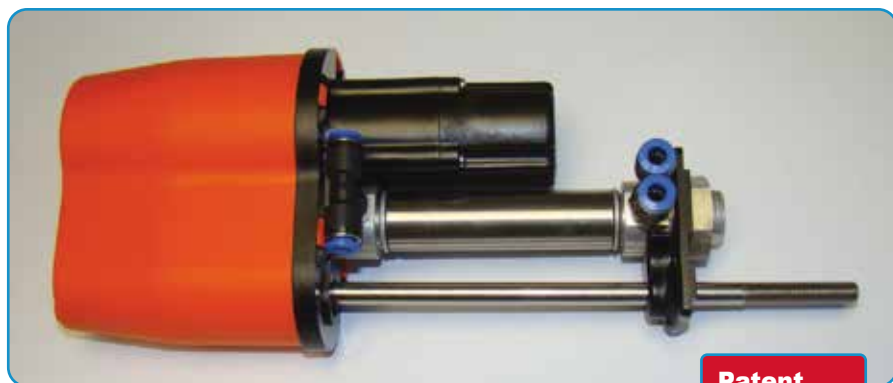
• Assembly of Part. S0075



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## Part. S0837

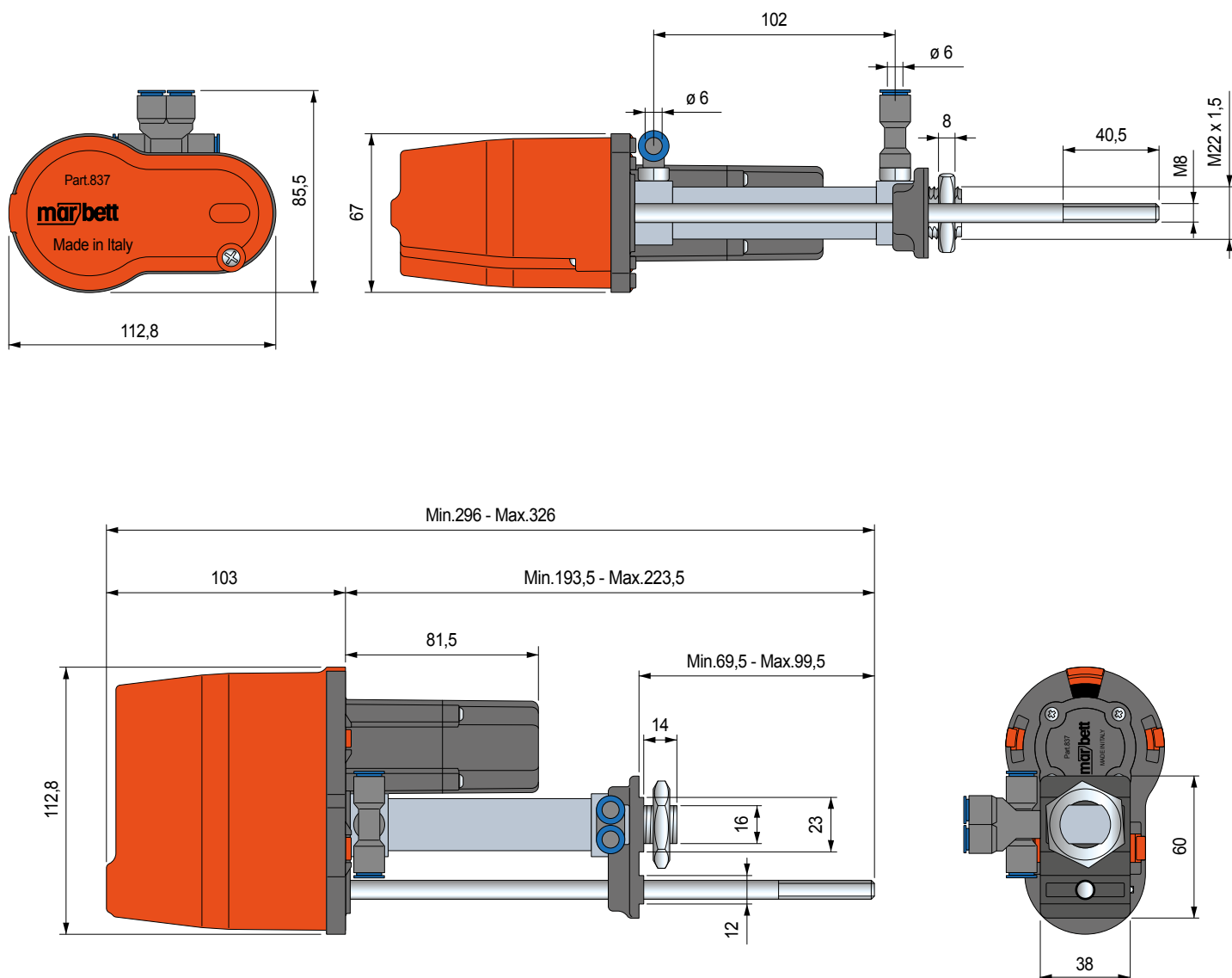
### Technical information



**Patent  
Pending**

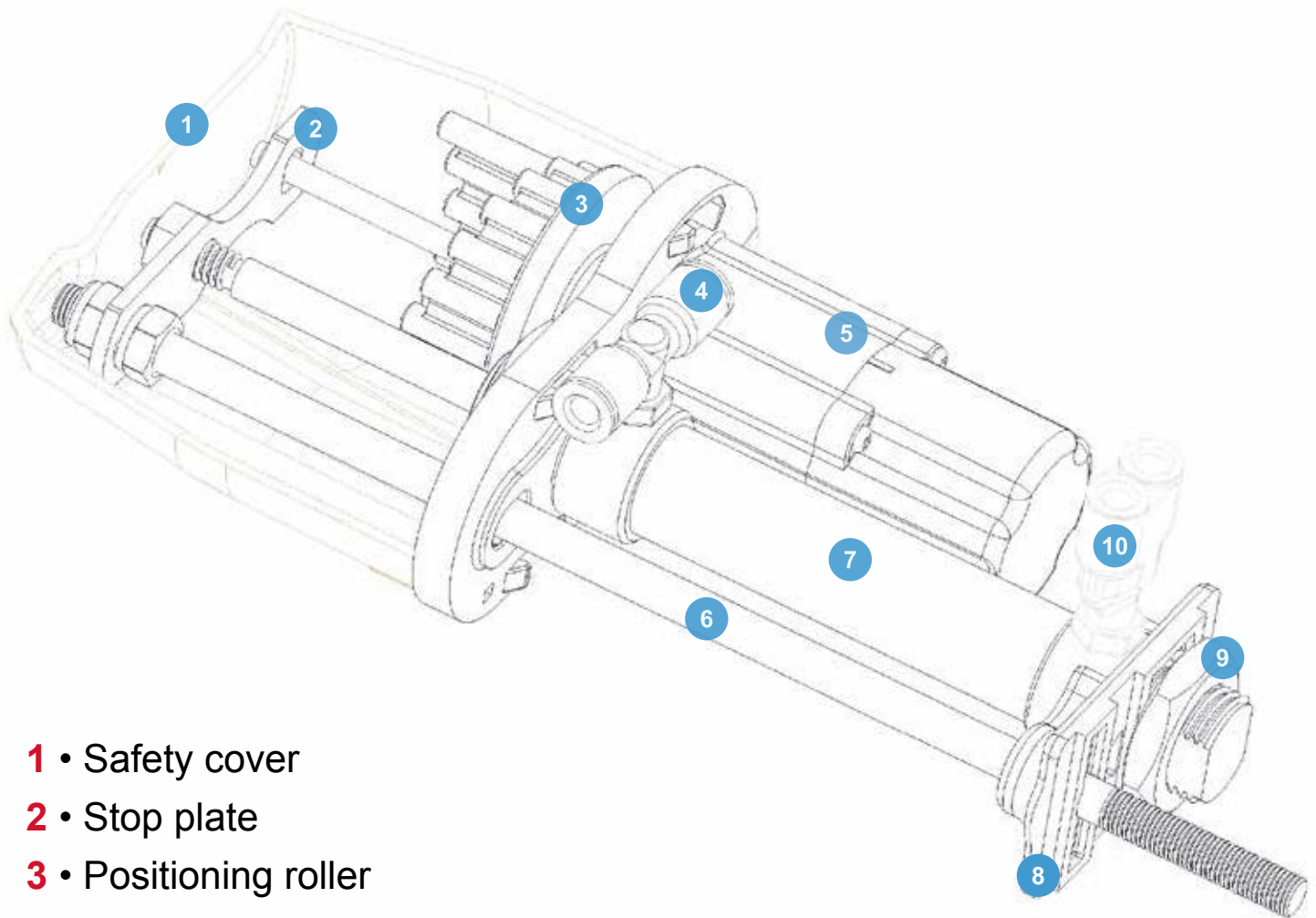
| Code   | Weight<br>kg |
|--------|--------------|
| 640783 | 0,68         |

- Operating unit SGA™, on the positioning roller and fastening support in black acetalic POM.
- Safety cover in orange Polypropylene PP.
- Stop plate, rod clamp and M22 nut in stainless steel.
- Quick coupling in plastic.
- Mini-cylinder ISO 6432.
- Packaging: 4 pieces.



■ Component's description

Part. **S0837**

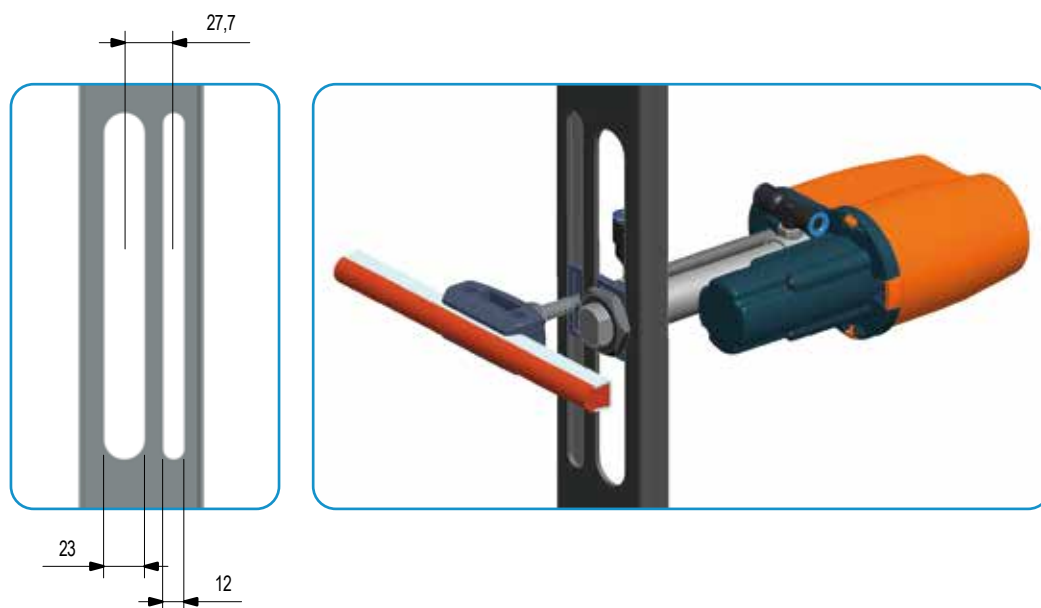


- 1 • Safety cover
- 2 • Stop plate
- 3 • Positioning roller
- 4 • Quick coupling "T" 1/8 GAS
- 5 • **SGA**™ operating unit
- 6 • Rod clamp
- 7 • Mini-cylinder ISO 6432
- 8 • Mounting support
- 9 • M22 nut
- 10 • Quick coupling "Y" 1/8 GAS

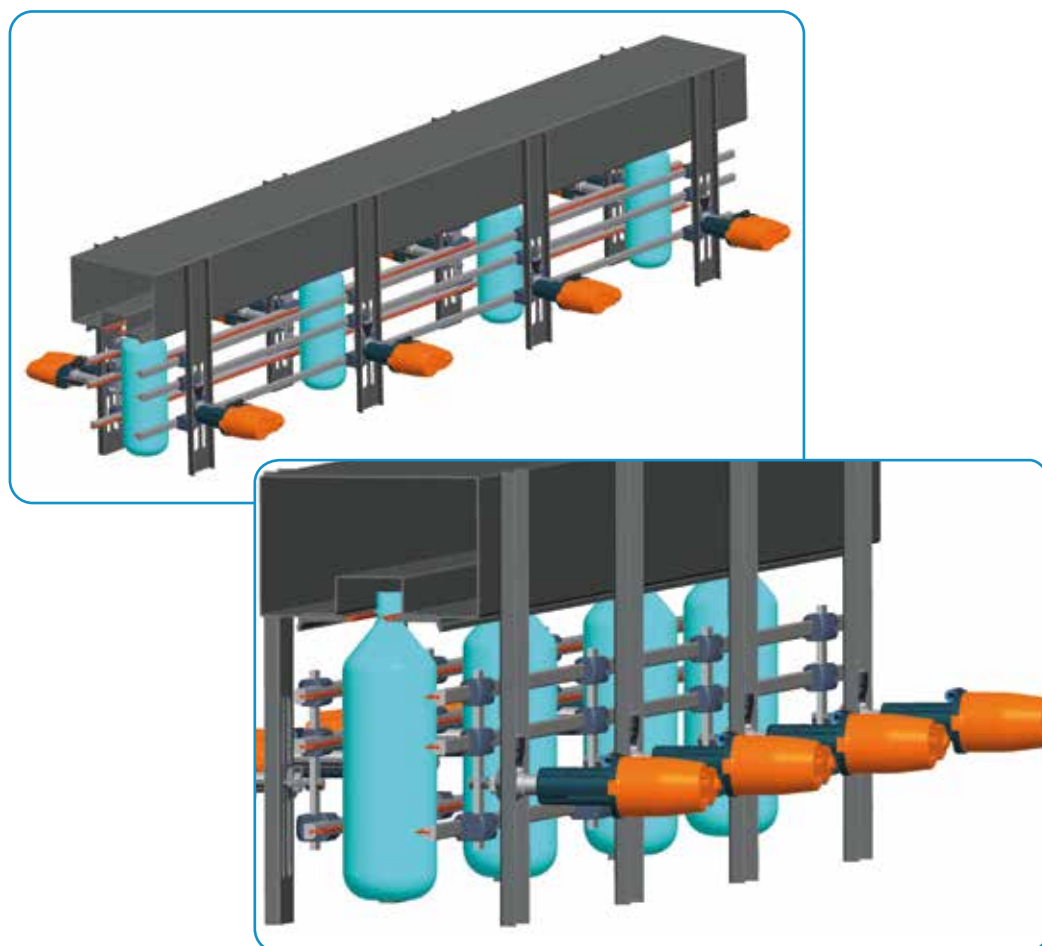
## Part. S0837

### ■ Installation on compressed air conveyors

Each unit can be assembled on bored or slotted supporting profiles, based on the sizes suggested in the figures below.



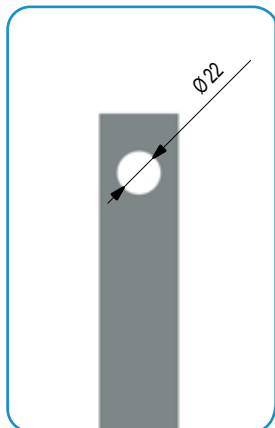
Example of installation of SGA™ system (Side Guide Adjustment™) on a compressed air conveyor. Working pressure  $\geq 4,5$  bar during adjustment.



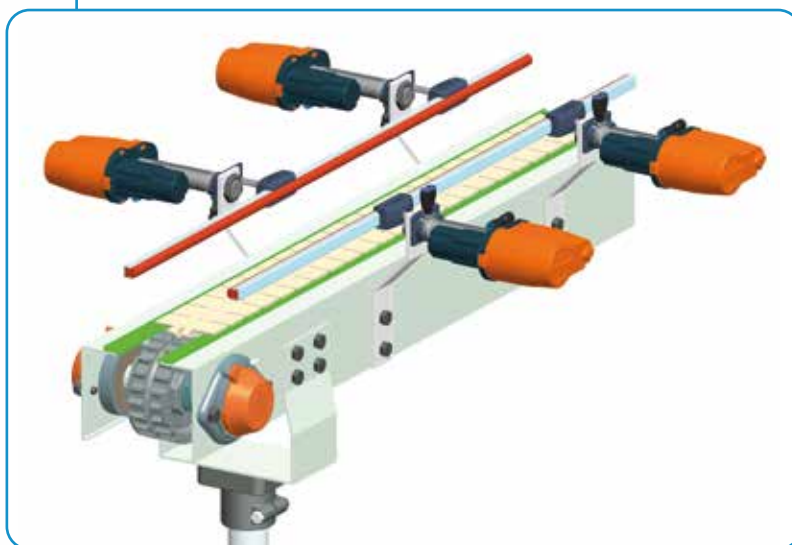
## ■ Installation on chain conveyors

**Part. S0837**

Each unit can be assembled on bored bars with holes according to the sizes indicated in the figures below.



Example of installation of SGA™ system (Side Guide Adjustment™) on an a chain conveyor.  
Working pressure  $\geq 4,5$  bar during adjustment.



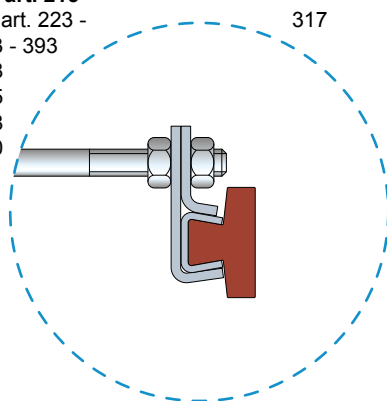
## Part. S0837

### Technical information

Example of side guide assembly.

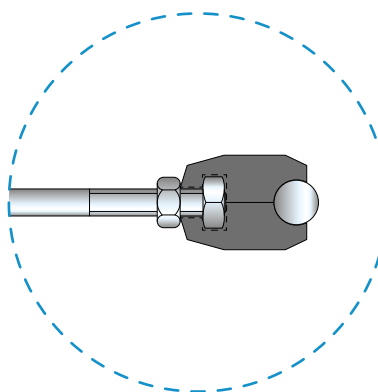
#### Clamp Part. 215

Guides Part. 223 -  
219 - 373 - 393  
596 - 308  
715 - 765  
767 - 768  
769 - 770

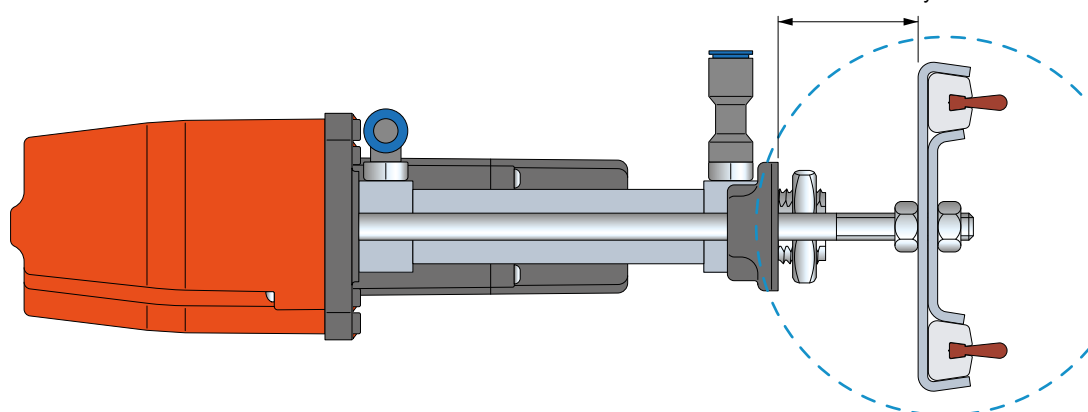


#### Clamp Part. 159 - 437 - 451

Round guides Dia. 8 - 10 - 12 - 14



Leave min 20 mm for system movement

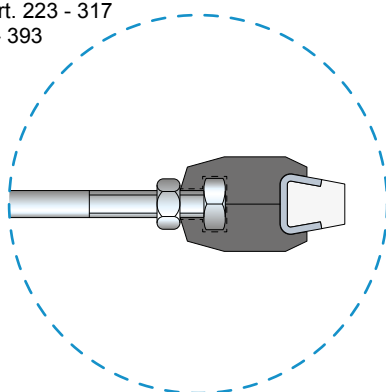


#### Clamp Part. 217

Guides Part.  
223 - 317  
219 - 373  
393 - 596  
308 - 715  
765 - 767  
768 - 769  
770

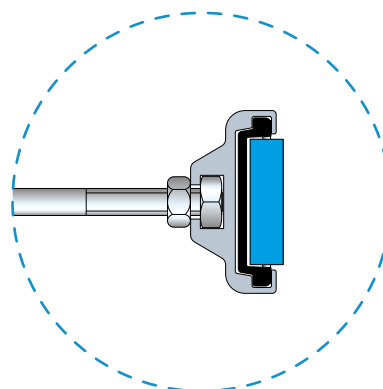
#### Clamp Part. 211 - 446

Guides Part. 223 - 317  
219 - 373 - 393  
596 - 308  
715 - 765  
767 - 768  
769 - 770



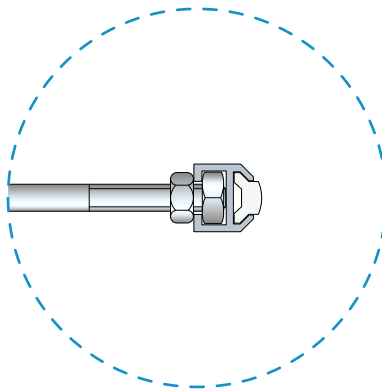
#### M8 nut UNI 5589-65

Guides Part. 756 - 757 - 856 - 868

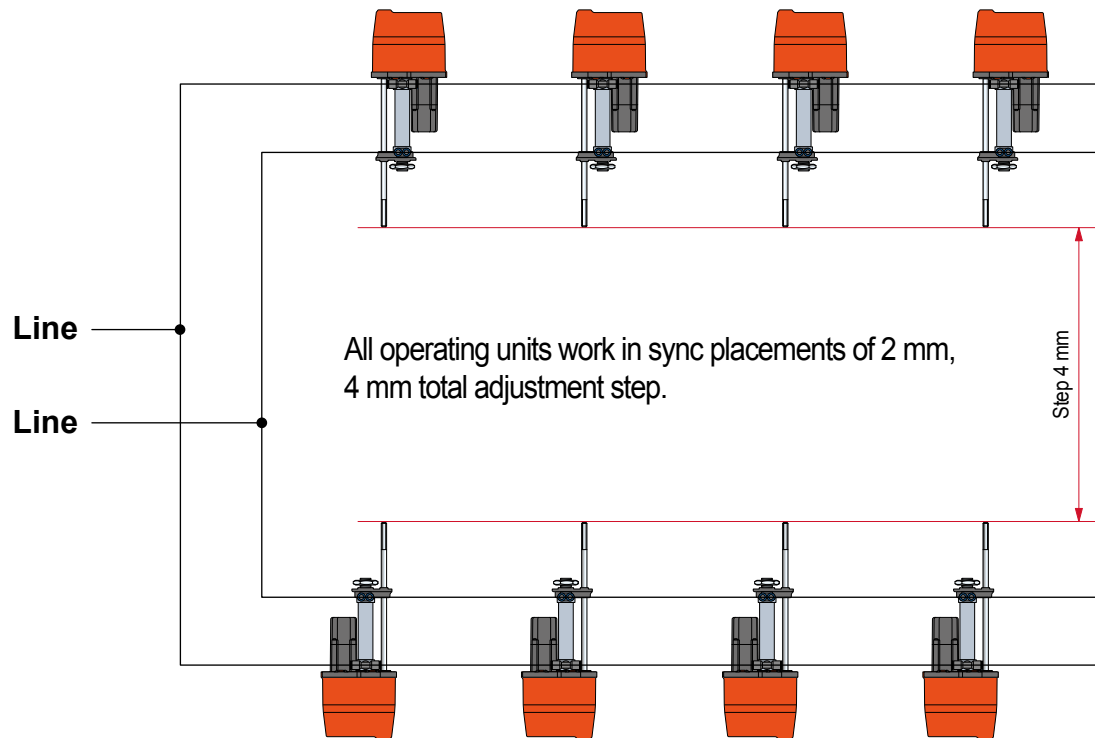


#### M8 nut UNI 5589-65

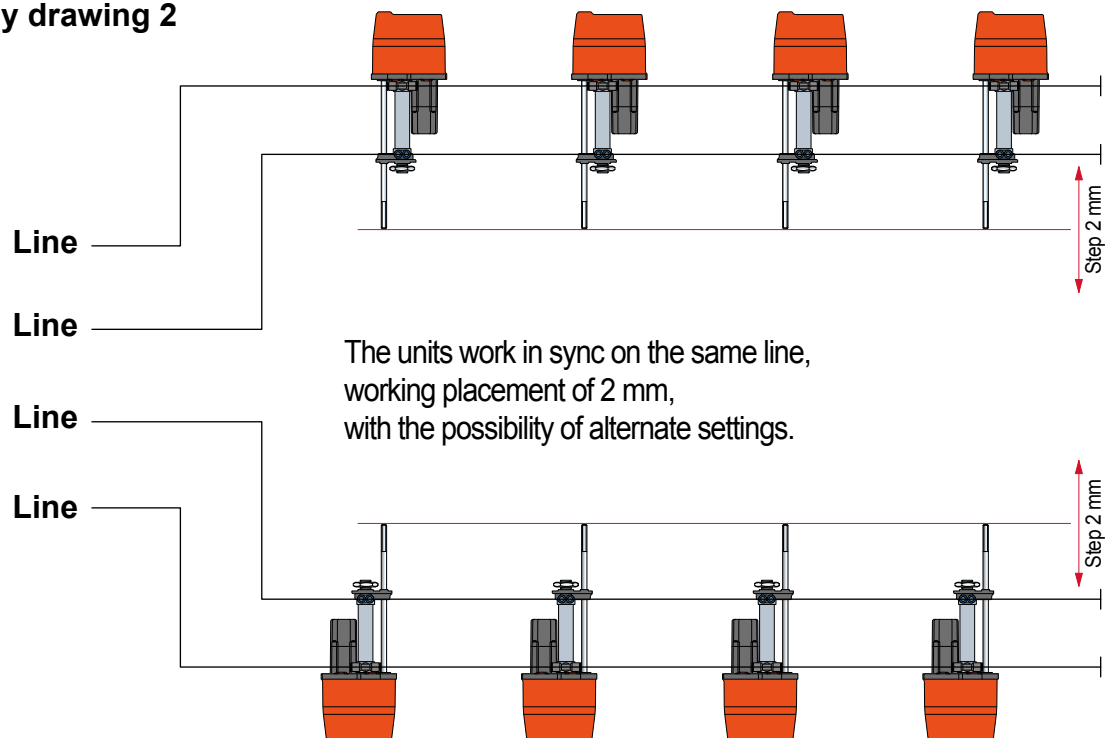
Guides Part. 346 - 832



Assembly drawing 1



Assembly drawing 2



## 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 ).  
 $20^\circ\text{C}$  = ambient temperature.

Example :

aguide having initial length  $L_0 = 1000$  mm, coefficient of linear expansion  $2 \times 10^{-4}$ , and an operating temperature of  $70^\circ\text{C}$ , expands by :

$$L_t = 1000 \text{ mm} \cdot [1 + 0,0002 \cdot (70^\circ\text{C} - 20^\circ\text{C})] = 1010 \text{ mm}$$

## Material characteristics

### Polyamide PA

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

### Reinforced polyamide PA FV

- This material offers improved ductile strength compared with PA polyamide, as well as improved rigidity and dimensional stability • Operating temperatures can also be higher • Inflammability : 94HB.

### Polypropylene PP

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

### Reinforced polypropylene PP FV

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

### Polyethylene PE ( UHMWPE )

- This is the plastic material which is most suited to the manufacture of lateral guides subject to sliding contact, thanks to an extremely low coefficient of friction, excellent wear resistance and zero absorption ( important in water lubricated applications ) • PE polyethylene also offers high resistance to chemical attack and good sound absorbing qualities • Inflammability : 94HB.

### Polyethylene ULF ( 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  $60^\circ\text{C}$  • 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.

### Austenitic stainless steel

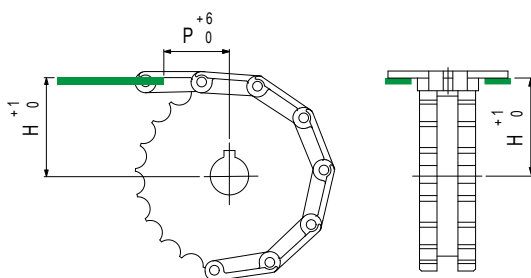
- Austenitic stainless steel offering excellent corrosion and oxidation resistance • Ideal for the food industry, dairy and cheese production, beer production, and the pharmaceutical industry • Austenitic stainless steel is cold rolled and responsive to magnets.

### Zinc plated steel

- Galvanically zinc coated steel • Galvanization thickness 7 microns.

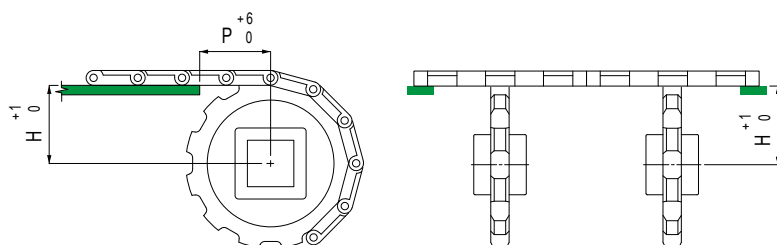
### Nickel plated brass

- Good resistance to chemicals • Humid and wet environments.



**Position of chain guide profiles for TableTop® chains**

| Chain                                                                                                     | H<br>mm          | P<br>mm |
|-----------------------------------------------------------------------------------------------------------|------------------|---------|
| 512 - 802 - 805 - 812 - 815 - 820 - 821 - 881 - 881 M - 8811 - 8811 TAB - SLBP 821                        | ( Dp : 2 ) + 3,2 | 40      |
| 831 - XLBP 831                                                                                            |                  |         |
| 880 - 880 TAB - 880 BO                                                                                    | ( Dp : 2 ) + 3,6 | 40      |
| 879 - 879 TAB - 879 BO - LBP 879 BO                                                                       |                  |         |
| 882 - 882 TAB - SLBP 882 TAB - LBP 883                                                                    | ( Dp : 2 ) + 4,8 | 40      |
| 866 - 963 - 1864 - 1873 - 1874 - 2873 - 3873                                                              |                  |         |
| 1700K - 1700TABK - AC1700K - 1701 - 1790K - 1701TABK - 1702 - 1716K - 1710K - 1710TABK - 1713K - 1713TABK | ( Dp : 2 ) - 12  | 50      |
| Dp = primitive diameter of drive sprocket - mm.                                                           |                  |         |

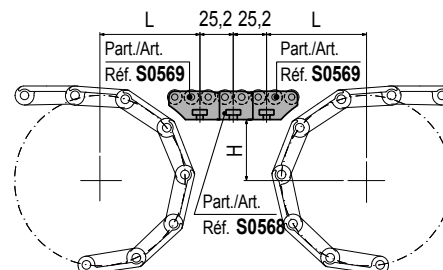
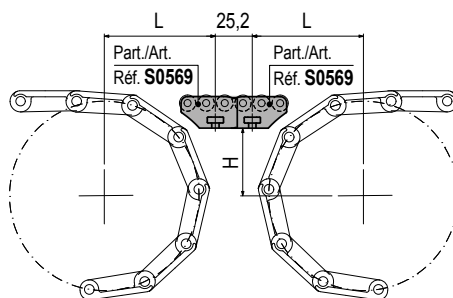
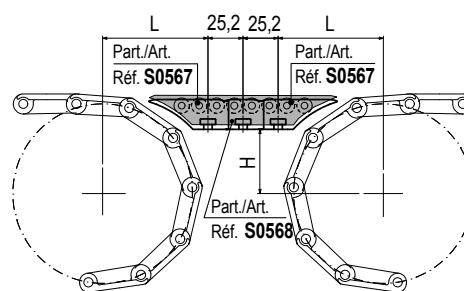
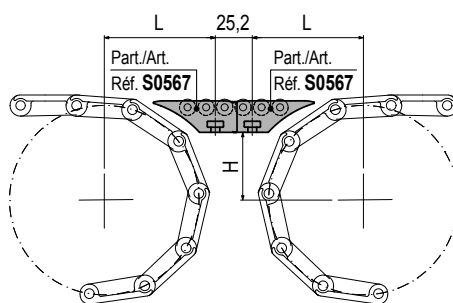


**Position of chain guide profiles for MatTop® chains**

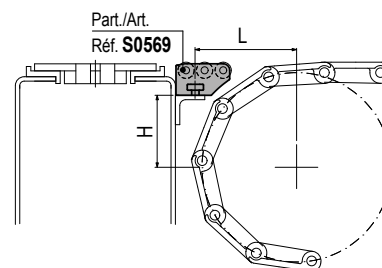
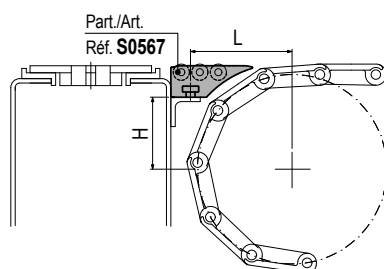
| Chain                                                 | H<br>mm           | P<br>mm |
|-------------------------------------------------------|-------------------|---------|
| 1505 - 1506                                           | ( Dp : 2 ) - 4,95 | 15      |
| 2100                                                  | ( 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. S0567 - S0568 - S0569**  
**S0847 - S0848 - S0849**

• **Head to tail transfer**



• **90° transfer**



**H, L dimensions for**  
**TableTop® chains**

| Chain                         | Z 15 |      | Z 17 |      | Z 19 |      | Z 21 |      | Z 23 |      | Z 25 |      | Z 27 |      | Z 29 |      |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                               | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |
| 802 - 805 - 812 - 815 - 881   | 30,9 | 64,6 | 36,8 | 65,8 | 42,8 | 67,0 | 48,7 | 68,1 | 54,7 | 69,2 | 60,7 | 70,2 | 66,7 | 73,0 | 72,7 | 75,3 |
| 881 M - 8811 - 8811 TAB       | 30,9 | 64,6 | 36,8 | 65,8 | 42,8 | 67,0 | 48,7 | 68,1 | 54,7 | 69,2 | 60,7 | 70,2 | 66,7 | 73,0 | 72,7 | 75,3 |
| 512                           | 45,2 | 67,4 | 53,2 | 68,9 | 61,3 | 70,3 | 69,3 | 74,0 | -    | -    | -    | -    | -    | -    | -    | -    |
| 1864 - 1874 - 4874            | 37,3 | 73,2 | 43,3 | 74,8 | 49,4 | 76,2 | 55,4 | 77,6 | 61,5 | 75,4 | 67,5 | 77,9 | -    | -    | -    | -    |
| 820                           | 31,5 | 65,4 | 37,4 | 66,7 | 43,4 | 67,9 | 49,3 | 69,0 | 55,3 | 70,1 | 61,3 | 71,3 | 67,3 | 73,7 | 73,3 | 76,0 |
| 821                           | 32,3 | 65,8 | 38,2 | 67,1 | 44,2 | 68,3 | 50,1 | 69,4 | 56,1 | 70,6 | 62,1 | 71,6 | 68,1 | 72,7 | 74,1 | 73,7 |
| 843                           | 17,1 | 65,9 | 21,2 | 67,1 | 25,2 | 68,2 | 29,2 | 69,3 | 33,2 | 70,3 | 37,3 | 71,3 | -    | -    | -    | -    |
| 845                           | 17,1 | 63,9 | 21,2 | 64,9 | 25,2 | 66,0 | 29,2 | 67,0 | 33,2 | 67,9 | 37,3 | 68,8 | -    | -    | -    | -    |
| 963                           | 37,3 | 73,5 | 43,3 | 75,0 | 49,4 | 76,4 | 55,4 | 77,8 | 61,5 | 75,5 | 67,5 | 78,1 | -    | -    | -    | -    |
| 1873 - 1853 - 853             | 37,3 | 68,6 | 43,3 | 69,9 | 49,4 | 71,2 | 55,4 | 72,3 | 61,5 | 72,5 | 67,5 | 74,9 | 73,5 | 77,3 | -    | -    |
| 1843                          | 17,9 | 63,9 | 22,0 | 64,9 | 26,0 | 66,0 | 30,0 | 66,9 | 34,0 | 67,9 | 38,1 | 68,8 | -    | -    | -    | -    |
| 812 Rub. Top - 881 Rub. Top   | 32,9 | 65,0 | 38,8 | 66,2 | 44,8 | 67,3 | 50,7 | 68,4 | 56,7 | 69,5 | 62,7 | 71,4 | 68,7 | 73,8 | 74,7 | 76,1 |
| 802 Rub. Top                  | 33,9 | 65,2 | 39,8 | 66,4 | 45,8 | 67,5 | 51,7 | 68,6 | 57,7 | 69,7 | 63,7 | 71,8 | 69,7 | 74,2 | 75,7 | 76,5 |
| HFP 820                       | 33,5 | 65,1 | 39,4 | 66,3 | 45,4 | 67,5 | 51,3 | 68,6 | 57,3 | 69,6 | 63,3 | 71,6 | 69,3 | 74,0 | 75,3 | 76,3 |
| HFP 821                       | 34,3 | 65,3 | 40,2 | 66,5 | 46,2 | 67,6 | 52,1 | 68,7 | 58,1 | 69,7 | 64,1 | 72,0 | 70,1 | 74,3 | 76,1 | 76,6 |
| HFP 867 - HFP 1877 - HFP 1873 | 40,3 | 66,5 | 46,3 | 67,6 | 52,4 | 68,7 | 58,4 | 69,8 | 64,5 | 72,1 | 70,5 | 74,5 | 76,5 | 76,8 | -    | -    |
| SLBP 821                      | 47,3 | 67,8 | 53,2 | 68,9 | 59,2 | 69,9 | 65,1 | 72,4 | 71,1 | 74,7 | 77,1 | 77,0 | -    | -    | -    | -    |

| Chain            | Z 9  |      | Z 10 |      | Z 11 |      | Z 12 |      | Z 13 |      | Z 14 |      | Z 15 |      |  |  |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
|                  | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |  |  |
| 880 TAB, 879 TAB | 40,8 | 66,6 | 46,7 | 67,7 | 52,7 | 68,8 | 58,7 | 69,9 | 64,7 | 72,2 | 70,7 | 74,6 | 76,7 | 76,8 |  |  |
| 882 TAB          | 42,7 | 66,9 | 48,6 | 68,1 | 54,6 | 69,1 | 60,6 | 70,2 | -    | -    | -    | -    | -    | -    |  |  |
| LPC 279          | 50,2 | 68,3 | 56,1 | 69,4 | 62,1 | 71,2 | 68,1 | 73,5 | 74,1 | 75,8 | -    | -    | -    | -    |  |  |
| HFP 880 TAB      | 42,8 | 67,0 | 48,7 | 68,1 | 54,7 | 69,2 | 60,7 | 70,2 | 66,7 | 73,0 | 72,7 | 75,3 | -    | -    |  |  |
| HFP 882 TAB      | 45,2 | 67,4 | 51,1 | 68,5 | 57,1 | 69,6 | 63,1 | 71,6 | -    | -    | -    | -    | -    | -    |  |  |
| SLBP 882 TAB     | 57,2 | 69,6 | 63,1 | 71,6 | 69,1 | 73,9 | 75,1 | 76,2 | -    | -    | -    | -    | -    | -    |  |  |

| Chain                     | Z 12 |      | Z 16 |      | Z 21 |      | Z 23 |      | Z 24 |      | Z 25 |      | Z 27 |      | Z 32 |      |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                           | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |
| 1505 - 1506               | 11,5 | 60,0 | 20,9 | 62,3 | —    | —    | —    | —    | 40,0 | 66,4 | —    | —    | —    | —    | 59,0 | 69,9 |
| 4705 - 4706 - 5705 - 5706 | 57,5 | 69,6 | —    | —    | 48,5 | 68,0 | 54,5 | 69,1 | 57,5 | 69,6 | 60,5 | 70,2 | 66,5 | 72,9 | —    | —    |
| HFP 5705                  | —    | —    | —    | —    | 51,0 | 68,5 | 57,0 | 69,9 | 60,0 | 70,1 | 63,0 | 71,5 | 69,0 | 73,9 | —    | —    |

H, L dimensions for MatTop® chains

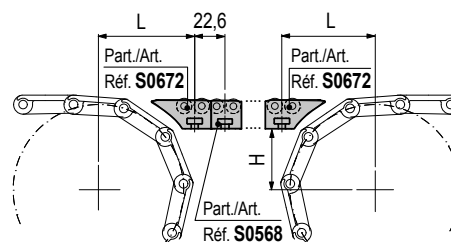
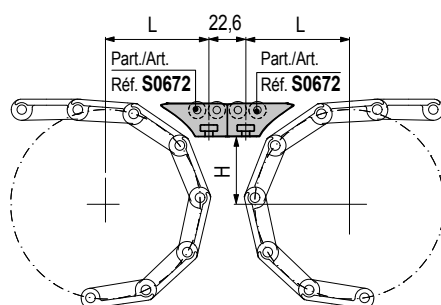
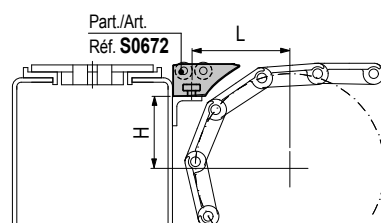
| Chain              | Z 7  |      | Z 8  |      | Z 9  |      | Z 10 |      | Z 11 |      | Z 12 |      | Z 19 |      | Z 19 |      |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |
| 2100               | —    | —    | —    | —    | —    | —    | —    | —    | 27,0 | 63,7 | —    | —    | 9,2  | 59,3 | 59,1 | 69,9 |
| 4812               | —    | —    | 32,5 | 64,9 | —    | —    | —    | —    | —    | —    | 56,3 | 69,4 | —    | —    | —    | —    |
| 5996               | 52,5 | 68,8 | —    | —    | 70,1 | 74,3 | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    |
| 6390 - 6391 - 6392 | —    | —    | 49,8 | 68,3 | —    | —    | 65,4 | 72,5 | —    | —    | —    | —    | —    | —    | —    | —    |

| Chain                     | Z 10 |      | Z 16 |      | Z 18 |      | Z 21 |      | Z 24 |      | Z 25 |      | Z 31 |      |  |  |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
|                           | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |  |  |
| 5935 - 5936 - 8505 - 8506 | 13,0 | 60,4 | —    | —    | —    | —    | —    | —    | 55,6 | 69,3 | 58,6 | 69,8 | 76,9 | 76,9 |  |  |
| 7705 - 7706               | —    | —    | 49,0 | 68,1 | 57,0 | 69,6 | 69,1 | 73,9 | —    | —    | —    | —    | —    | —    |  |  |

| Chain | Z 28 |      |  |  |
|-------|------|------|--|--|
|       | H    | L    |  |  |
| 500   | 38,6 | 66,1 |  |  |
| 505   | 40,6 | 66,5 |  |  |

H, L dimensions for MCC chains

| Chain | Z 10 |      | Z 12 |      | Z 13 |      | Z 15 |      | Z 16 |      | Z 18 |      | Z 20 |      | Z 21 |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |
| 1000  | —    | —    | 31,0 | 64,6 | —    | —    | —    | —    | 47,0 | 67,8 | 55,0 | 69,2 | 63,1 | 70,6 | —    | —    |
| 1005  | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 57,0 | 69,6 | —    | —    | 69,1 | 73,9 |
| 1050  | —    | —    | —    | —    | —    | —    | —    | —    | 54,8 | 69,2 | 62,8 | 71,5 | —    | —    | —    | —    |
| 1055  | —    | —    | —    | —    | —    | —    | —    | —    | 58,8 | 69,9 | 66,8 | 73,1 | —    | —    | —    | —    |
| 1255  | 35,3 | 65,5 | —    | —    | 50,2 | 68,4 | 60,3 | 70,1 | 65,3 | 72,4 | —    | —    | —    | —    | —    | —    |

**Position of transfer modules**  
**Part. S0672 - S0568 - S0846**
**• Head to tail transfer**

**• 90° transfer**

**H, L dimensions for**  
**TableTop® chains**

| Chain                         | Z 15 |      | Z 17 |      | Z 19 |      | Z 21 |      | Z 23 |      | Z 25 |      | Z 27 |      | Z 29 |      |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                               | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |
| 802 - 805 - 812 - 815 - 881   | 30,9 | 56,8 | 36,8 | 58,2 | 42,8 | 60,9 | 48,7 | 63,7 | 54,7 | 66,3 | 60,7 | 68,8 | 66,7 | 71,2 | 72,7 | 73,5 |
| 881 M - 8811 - 8811 TAB       | 30,9 | 56,8 | 36,8 | 58,2 | 42,8 | 60,9 | 48,7 | 63,7 | 54,7 | 66,3 | 60,7 | 68,8 | 66,7 | 71,2 | 72,7 | 73,5 |
| 512                           | 45,2 | 62,0 | 53,2 | 65,6 | 61,3 | 69,0 | 69,3 | 72,2 | —    | —    | —    | —    | —    | —    | —    | —    |
| 1864 - 1874 - 4874            | 37,3 | 65,0 | 43,3 | 65,3 | 49,4 | 68,2 | 55,4 | 70,9 | 61,5 | 73,6 | 67,5 | 76,1 | —    | —    | —    | —    |
| 820                           | 31,5 | 57,6 | 37,4 | 59,0 | 43,4 | 61,6 | 49,3 | 64,3 | 55,3 | 67,0 | 61,3 | 69,5 | 67,3 | 71,9 | 73,3 | 74,2 |
| 821                           | 32,3 | 58,0 | 38,2 | 59,4 | 44,2 | 62,1 | 50,1 | 64,8 | 56,1 | 67,4 | 62,1 | 69,9 | 68,1 | 72,3 | 74,1 | 74,7 |
| 843                           | 17,1 | 57,3 | 21,2 | 58,6 | 25,2 | 59,8 | 29,2 | 61,0 | 33,2 | 62,1 | 37,3 | 63,2 | —    | —    | —    | —    |
| 845                           | 17,1 | 55,4 | 21,2 | 56,6 | 25,2 | 57,8 | 29,2 | 58,9 | 33,2 | 59,9 | 37,3 | 60,9 | —    | —    | —    | —    |
| 963                           | 37,3 | 65,2 | 43,3 | 65,4 | 49,4 | 68,3 | 55,4 | 71,1 | 61,5 | 73,7 | 67,5 | 76,3 | —    | —    | —    | —    |
| 1873 - 1853 - 853             | 37,3 | 60,7 | 43,3 | 62,6 | 49,4 | 65,4 | 55,4 | 68,1 | 61,5 | 70,7 | 67,5 | 73,1 | 73,5 | 75,5 | —    | —    |
| 1843                          | 17,9 | 55,5 | 22,0 | 56,7 | 26,0 | 57,8 | 30,0 | 58,9 | 34,0 | 59,9 | 38,1 | 60,9 | —    | —    | —    | —    |
| 812 Rub. Top - 881 Rub. Top   | 32,9 | 57,3 | 38,8 | 58,6 | 44,8 | 61,9 | 50,7 | 64,6 | 56,7 | 67,1 | 62,7 | 69,6 | 68,7 | 72,0 | 74,7 | 74,3 |
| 802 Rub. Top                  | 33,9 | 57,5 | 39,8 | 58,8 | 45,8 | 62,3 | 51,7 | 65,0 | 57,7 | 67,5 | 63,7 | 70,0 | 69,7 | 72,4 | 75,7 | 74,7 |
| HFP 820                       | 33,5 | 57,4 | 39,4 | 58,8 | 45,4 | 62,1 | 51,3 | 64,8 | 57,3 | 67,4 | 63,3 | 69,8 | 69,3 | 72,2 | 75,3 | 74,5 |
| HFP 821                       | 34,3 | 57,6 | 40,2 | 58,9 | 46,2 | 62,5 | 52,1 | 65,2 | 58,1 | 67,7 | 64,1 | 70,2 | 70,1 | 72,5 | 76,1 | 74,8 |
| HFP 867 - HFP 1877 - HFP 1873 | 40,3 | 59,0 | 46,3 | 62,6 | 52,4 | 65,3 | 58,4 | 67,8 | 64,5 | 70,3 | 70,5 | 72,7 | 76,5 | 75,0 | —    | —    |
| SLBP 821                      | 47,3 | 63,0 | 53,2 | 65,6 | 59,2 | 68,2 | 65,1 | 70,6 | 71,1 | 72,9 | 77,1 | 75,2 | —    | —    | —    | —    |

| Chain            | Z 9  |      | Z 10 |      | Z 11 |      | Z 12 |      | Z 13 |      | Z 14 |      | Z 15 |      |  |  |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
|                  | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |  |  |
| 880 TAB, 879 TAB | 40,8 | 59,1 | 46,7 | 62,8 | 52,7 | 65,4 | 58,7 | 68,0 | 64,7 | 70,4 | 70,7 | 72,8 | 76,7 | 75,0 |  |  |
| 882 TAB          | 42,7 | 60,9 | 48,6 | 63,6 | 54,6 | 66,2 | 60,6 | 68,7 | —    | —    | —    | —    | —    | —    |  |  |
| LPC 279          | 50,2 | 64,3 | 56,1 | 66,9 | 62,1 | 69,4 | 68,1 | 71,7 | 74,1 | 74,0 | —    | —    | —    | —    |  |  |
| HFP 880 TAB      | 42,8 | 60,9 | 48,7 | 63,7 | 54,7 | 66,3 | 60,7 | 68,8 | 66,7 | 71,2 | 72,7 | 73,5 | —    | —    |  |  |
| HFP 882 TAB      | 45,2 | 62,1 | 51,1 | 64,7 | 57,1 | 67,3 | 63,1 | 69,8 | —    | —    | —    | —    | —    | —    |  |  |
| SLBP 882 TAB     | 57,2 | 67,3 | 63,1 | 69,8 | 69,1 | 72,1 | 75,1 | 74,4 | —    | —    | —    | —    | —    | —    |  |  |

| Chain                     | Z 12 |      | Z 16 |      | Z 21 |      | Z 23 |      | Z 24 |      | Z 25 |      | Z 27 |      | Z 32 |      |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                           | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |
| 1505 - 1506               | 11,5 | 51,5 | 20,9 | 54,2 | –    | –    | –    | –    | 40,0 | 58,9 | –    | –    | –    | –    | 59,0 | 68,1 |
| 4705 - 4706 - 5705 - 5706 | 57,5 | 67,5 | –    | –    | 48,5 | 63,6 | 54,5 | 66,2 | 57,5 | 67,5 | 60,5 | 68,7 | 66,5 | 71,1 | –    | –    |
| HFP 5705                  | –    | –    | –    | –    | 51,0 | 64,7 | 57,0 | 67,3 | 60,0 | 68,5 | 63,0 | 69,7 | 69,0 | 72,1 | –    | –    |

H, L dimensions for MatTop® chains

| Chain              | Z 7  |      | Z 8  |      | Z 9  |      | Z 10 |      | Z 11 |      | Z 12 |      | Z 19 |      | Z 19 |      |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |
| 2100               | –    | –    | –    | –    | –    | –    | –    | –    | 27,0 | 55,8 | –    | –    | 9,2  | 50,8 | 59,1 | 68,1 |
| 4812               | –    | –    | 32,5 | 57,2 | –    | –    | –    | –    | –    | –    | 56,3 | 67,0 | –    | –    | –    | –    |
| 5996               | 52,5 | 65,3 | –    | –    | 70,1 | 72,5 | –    | –    | –    | –    | –    | –    | –    | –    | –    | –    |
| 6390 - 6391 - 6392 | –    | –    | 49,8 | 64,2 | –    | –    | 65,4 | 70,7 | –    | –    | –    | –    | –    | –    | –    | –    |

| Chain                     | Z 10 |       | Z 16 |      | Z 18 |      | Z 21 |      | Z 24 |      | Z 25 |      | Z 31 |      |  |  |
|---------------------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
|                           | H    | L     | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |  |  |
| 5935 - 5936 - 8505 - 8506 | 13,0 | 52,00 | –    | –    | –    | –    | –    | –    | 55,6 | 66,6 | 58,6 | 67,9 | 76,9 | 75,1 |  |  |
| 7705 - 7706               | –    | –     | 49,0 | 63,8 | 57,0 | 67,3 | 69,1 | 72,1 | –    | –    | –    | –    | –    | –    |  |  |

| Chain | Z 28 |      |  |  |
|-------|------|------|--|--|
|       | H    | L    |  |  |
| 500   | 38,6 | 58,6 |  |  |
| 505   | 40,6 | 59,0 |  |  |

H, L dimensions for MCC chains

| Chain | Z 10 |      | Z 12 |      | Z 13 |      | Z 15 |      | Z 16 |      | Z 18 |      | Z 20 |      | Z 21 |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    | H    | L    |
| 1000  | –    | –    | 31,0 | 56,8 | –    | –    | –    | –    | 47,0 | 62,9 | 55,0 | 66,4 | 63,1 | 69,8 | –    | –    |
| 1005  | –    | –    | –    | –    | –    | –    | –    | –    | –    | –    | 57,0 | 67,3 | –    | –    | 69,1 | 72,1 |
| 1050  | –    | –    | –    | –    | –    | –    | –    | –    | 54,8 | 66,3 | 62,8 | 69,7 | –    | –    | –    | –    |
| 1055  | –    | –    | –    | –    | –    | –    | –    | –    | 58,8 | 68,0 | 66,8 | 71,3 | –    | –    | –    | –    |
| 1255  | 35,3 | 57,8 | –    | –    | 50,2 | 64,3 | 60,3 | 68,6 | 65,3 | 70,6 | –    | –    | –    | –    | –    | –    |

**ARTICULATED FEET**  
in reinforced polyamide

**Pag. R08 - R20**



**ARTICULATED FEET**  
**GRIPPER**  
in reinforced polypropylene  
and stainless steel

**Pag. R22 - R33**



**ARTICULATED FEET**  
in steel

**Pag. R34 - R39**



**FIXED FEET**  
in steel

**Pag. R39**



**THREADED BUSHINGS**  
for round and square tubes

**Pag. R40 - R41**



**ARTICULATED  
FEET  
in  
reinforced  
polyamide**



**Part. R0173** - Pag. R08-R09  
Ø 50 • Max. load 10000 N.



**Part. R0098** - Pag. R10-R11  
Ø 60 • Max. load 12000 N.



**Part. R0323** - Pag. R12-R13  
Ø 80 • Prefitting for fixing  
• Max. load 10000 N.



**Part. R0133** - Pag. R14-R15  
Ø 100 • Prefitting for fixing  
• Max. load 13000 N.



**Part. R0479** - Pag. R16-R17  
Ø 110 • Prefitting for fixing  
• Max. load 20000 N.



**Part. R0869** - Pag. R18  
Ø 124 • Prefitting for fixing  
• Max. load 45000 N.



**Part. R0169** - Pag. R19  
Ø 124 • Prefitting for fixing  
• Max. load 45000 N.



**Part. R0134** - Pag. R20  
Ø 100 • Prefitting for fixing  
• Max. load 20000 N.



**Part. R0297** - Pag. R21  
Ø 124 • Prefitting for fixing  
• Max. load 45000 N.



**Part. R0726** - Pag. R18-R19-R21  
Ø 170 • Spacer for  
Réf. R0869 - R0169 - R0297.

**ARTICULATED  
FEET  
GRIPPER  
in  
reinforced  
polypropylene**



**Part. R0626** - Pag. R22-R23  
Ø 80 • Hygiene  
• Customized with logo  
• Max. load 12000 N.



**Part. R0622** - Pag. R26-R27  
Ø 100 • Hygiene  
• Customized with logo  
• Max. load 19500 N.



**Part. R0628** - Pag. R30-R31  
Ø 120 • Hygiene  
• Customized with logo  
• Max. load 22000 N.

**ARTICULATED  
FEET  
GRIPPER  
in  
stainless  
steel**



**Part. R0627** - Pag. R24-R25  
Ø 80 • Hygiene  
• Customized with logo  
• Max. load 12000 N.



**Part. R0623** - Pag. R28-R29  
Ø 100 • Hygiene  
• Customized with logo  
• Max. load 19500 N.



**Part. R0629** - Pag. R32-R33  
Ø 120 • Hygiene  
• Customized with logo  
• Max. load 22000 N.

## ARTICULATED FEET in steel



**Part. R0349** - Pag. R34  
Ø 123 • N. 4 holes • Stainless  
steel and zinc plated steel  
• Max. load 10000 N.



**Part. R0408** - Pag. R35  
Ø 160 • Painted steel  
• Max. load 50000 N.



**Part. R0747** - Pag. R36  
Ø 80 • Stainless steel  
• Hygiene • Max. load 25000 N.



**Part. R0748** - Pag. R37  
Ø 100 • Stainless steel  
• Hygiene • Max. load 25000 N.



**Part. R0749** - Pag. R38  
Ø 120 • Stainless steel  
• Hygiene • Max. load 25000 N.



**Part. R0747F** - Pag. R037  
Ø 80 • Stainless steel  
• Hygiene • Prefitting for fixing  
• Max. load 25000 N.



**Part. R0748F** - Pag. R37  
Ø 100 • Stainless steel  
• Hygiene • Prefitting for fixing  
• Max. load 25000 N.



**Part. R0750S** - Pag. R38  
Ø 80 • Stainless steel  
• Hygiene • Max. load 25000 N.



**Part. R0750SF** - Pag. R38  
Ø 80 • Stainless steel  
• Hygiene • Prefitting for fixing  
• Max. load 25000 N.

***FIXED  
FEET  
in  
steel***



**Part. R0406** - Pag. R39  
 Ø 123 • Painted steel  
 • Max. load 50000 N.

**THREADED  
BUSHINGS**  
for  
round and  
square tubes



**Part. R0180** - Page R40  
For round tubes  
Ø 48,3-54-60.3 mm and 2"



**Part. R0224** - Page R41  
For square tubes 40-50 mm  
and 2"

## ■ SPINDLE MATERIALS

### **Stainless steel**

- High resistance to chemicals.
- Excellent resistance to oxidation.
- 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.

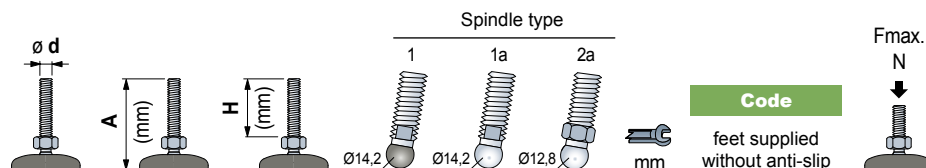
## ■ ANTI-SLIP MATERIALS

### **NBR rubber**

- Operating temperature :  
in air (- 35°C to + 100°C)  
in hot water (+ 80°C)
- Colour : black.
- Inflammability : 94HB

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## Part. R0173



### Spindle in stainless steel

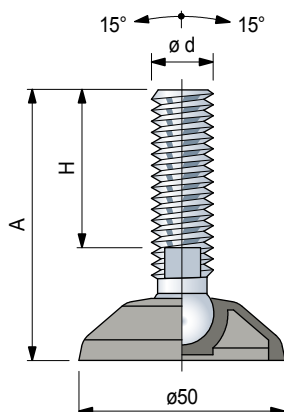
|     | A (mm) | H (mm) |   | Spindle type |   | Code   | Fmax. N |
|-----|--------|--------|---|--------------|---|--------|---------|
| M16 | 105    | 81     | - | 1a           | - | 626663 | 10000   |
|     | 155    | 124    | - | 1a           | - | 626673 |         |

### Spindle in zinc plated steel

|     | A (mm) | H (mm) |   | Spindle type |    | Code   | Fmax. N |
|-----|--------|--------|---|--------------|----|--------|---------|
| M10 | 95     | 71     | - | -            | 2a | 625332 | 10000   |
| M12 | 90     | 69     | - | -            | 2a | 625362 |         |
|     | 120    | 96     | - | -            | 2a | 625372 |         |

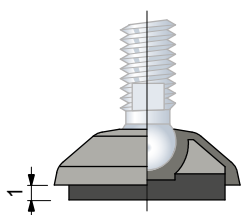
### Item code for order = Part. + Code

- Footplate material: reinforced polyamide PA FV (black).
- Note: for spindles type 1 ball in reinforced polyamide.
- Packaging: 12 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



### Accessories

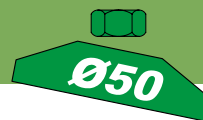
#### Anti-slip



- Code: R0000630012.
- Material: NBR rubber (black), 70 Shore.
- Assembly: press-fit.
- Packaging: 12 pieces

# Articulated Feet

in reinforced polyamide



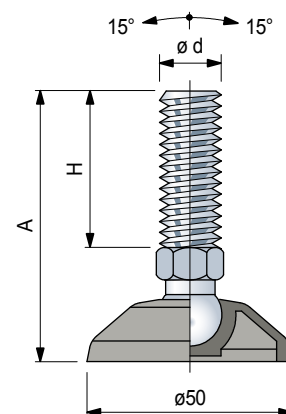
REXNORD

Part. **R0173**

|                                   |     |     | Spindle type |    | Code                            | Fmax.<br>N |
|-----------------------------------|-----|-----|--------------|----|---------------------------------|------------|
|                                   |     |     | 2a           |    | feet supplied without anti-slip |            |
| <b>Spindle in stainless steel</b> |     |     |              |    |                                 |            |
| <b>M10</b>                        | 95  | 71  | 2a           | 12 | <b>625252</b>                   | 10000      |
| <b>M12</b>                        | 90  | 69  | 2a           | 12 | <b>625262</b>                   |            |
|                                   | 155 | 132 | 2a           | 12 | <b>625272</b>                   |            |

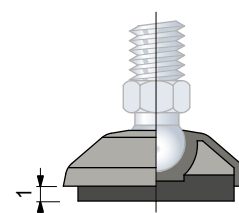
## Item code for order = Part. + Code

- Footplate material: reinforced polyamide PA FV (black).
- Packaging: 12 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



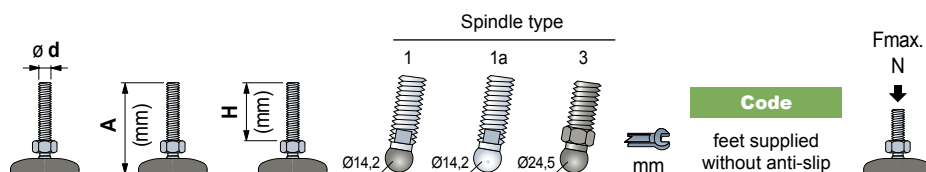
## Accessories

### Anti-slip



- Code: **R0000630012**.
- Material: NBR rubber (black), 70 Shore.
- Assembly: press-fit.
- Packaging: 12 pieces

**Part. R0098**



**Spindle in stainless steel**

| <b>M16</b> | 100 | 64  | - | 1a | - | 13 | <b>626012</b> | 10000 |
|------------|-----|-----|---|----|---|----|---------------|-------|
|            | 115 | 81  | - | 1a | - | 13 | <b>626022</b> |       |
|            | 160 | 124 | - | 1a | - | 13 | <b>626032</b> |       |
|            | 185 | 151 | - | 1a | - | 13 | <b>626042</b> |       |
| <b>M20</b> | 120 | 84  | - | 1a | - | 16 | <b>626052</b> | 10000 |
|            | 185 | 149 | - | 1a | - | 16 | <b>626062</b> |       |
|            | 245 | 208 | - | 1a | - | 16 | <b>621293</b> |       |
| <b>M24</b> | 250 | 209 | - | 1a | - | 19 | <b>621303</b> |       |

**Spindle in zinc plated steel**

| <b>M16</b> | 95  | 61  | - | 1a | - | 13 | <b>626102</b>   | 10000 |
|------------|-----|-----|---|----|---|----|-----------------|-------|
|            | 150 | 116 | - | 1a | - | 13 | <b>626122</b>   |       |
|            | 185 | 151 | - | 1a | - | 13 | <b>626132</b>   |       |
| <b>M20</b> | 185 | 150 | - | 1a | - | 16 | <b>626152</b>   |       |
| <b>M24</b> | 240 | 150 | - | 1a | - | 16 | <b>10344000</b> |       |

**Spindle in reinforced polyamid (black) with steel pin**

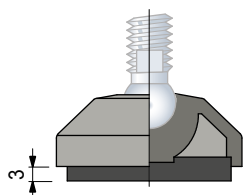
| <b>M16</b> | 100 | 54  | - | -  | 3 | 24 | <b>61920</b>    | 6000 |
|------------|-----|-----|---|----|---|----|-----------------|------|
| <b>M24</b> | 240 | 205 | - | 1a | - | 19 | <b>10344000</b> |      |

**Item code for order = Part. + Code**

- Footplate material: reinforced polyamide PA FV (black).
- Note: for spindles type 1 ball in reinforced polyamide.
- Packaging: 24 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

**Accessories**

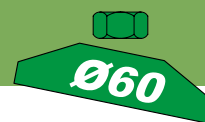
**Anti-slip**



- Code: **R0000630022**.
- Material: NBR rubber (black), 70 Shore.
- Assembly: press-fit.
- Packaging: 12 pieces

# Articulated Feet

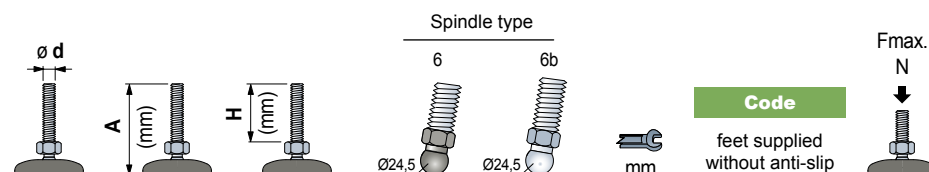
in reinforced polyamide



REXNORD

## Part. R0098

### Reinforced version



#### Spindle in stainless steel

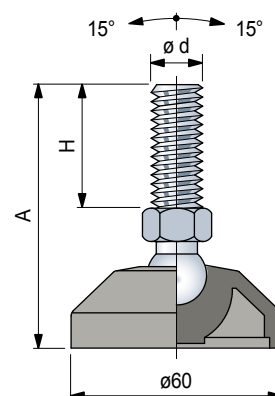
|     | A (mm) | H (mm) |   | Spindle type |    | Code   |       |
|-----|--------|--------|---|--------------|----|--------|-------|
| M16 | 150    | 109    | - | 6b           | 24 | 628792 | 12000 |
|     | 200    | 159    | - | 6b           | 24 | 628812 |       |
| M24 | 220    | 179    | - | 6b           | 24 | 628872 |       |

#### Spindle in zinc plated steel

|     |     |     |   |    |    |        |       |
|-----|-----|-----|---|----|----|--------|-------|
| M16 | 195 | 154 | - | 6b | 24 | 628852 | 12000 |
|-----|-----|-----|---|----|----|--------|-------|

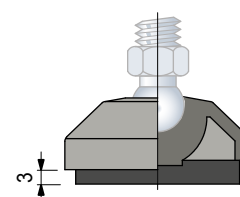
#### Item code for order = Part. + Code

- Footplate material: reinforced polyamide PA FV (black).
- Note: for spindles type 6 ball in reinforced polyamide.
- Packaging: 12 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



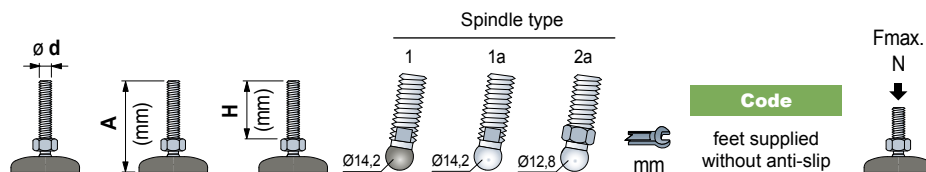
#### Accessories

##### Anti-slip



- Code: R0000630022.
- Material: NBR rubber (black), 70 Shore.
- Assembly: press-fit.
- Packaging: 12 pieces

## Part. R0323



### Spindle in stainless steel

|     |     |     |   |    |   |    |               |       |
|-----|-----|-----|---|----|---|----|---------------|-------|
| M16 | 95  | 64  | - | 1a | - | 13 | <b>626582</b> | 10000 |
|     | 110 | 81  | - | 1a | - | 13 | <b>626592</b> |       |
|     | 155 | 124 | - | 1a | - | 13 | <b>626602</b> |       |
|     | 180 | 151 | - | 1a | - | 13 | <b>626612</b> |       |
| M20 | 115 | 84  | - | 1a | - | 16 | <b>626622</b> | 10000 |
|     | 180 | 149 | - | 1a | - | 16 | <b>626632</b> |       |

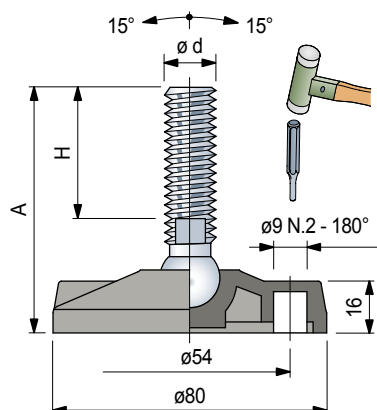
### Spindle in zinc plated steel

|     |     |     |   |    |    |    |                |       |
|-----|-----|-----|---|----|----|----|----------------|-------|
| M10 | 95  | 71  | - | -  | 2a | 12 | <b>60464N</b>  | 9000  |
| M12 | 95  | 69  | - | -  | 2a | 12 | <b>62313N</b>  |       |
|     | 120 | 96  | - | -  | 2a | 12 | <b>678941N</b> | 10000 |
| M16 | 145 | 116 | - | 1a | -  | 13 | <b>626692</b>  |       |
|     | 180 | 151 | - | 1a | -  | 13 | <b>626702</b>  |       |
| M20 | 180 | 150 | - | 1a | -  | 16 | <b>626722</b>  |       |

### Item code for order = Part. + Code

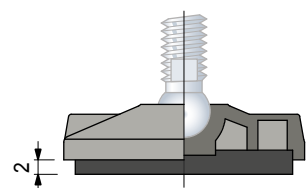
- Footplate material: reinforced polyamide PA FV (black).
- Note: for spindles type 1 ball in reinforced polyamide.
- Packaging: 12 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

Fixing holes, obtainable by breaking "diaphragm".



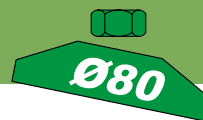
### Accessories

#### Anti-slip



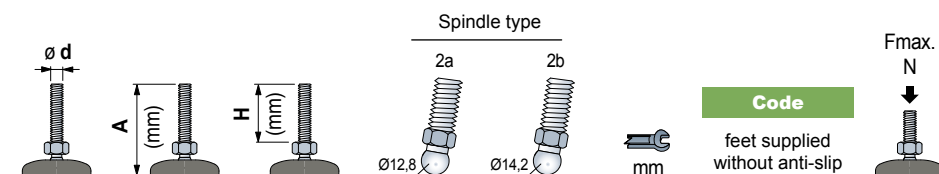
- Code: **R0000630042**.
- Material: NBR rubber (black), 70 Shore.
- Assembly: press-fit.
- Packaging: 12 pieces

# Articulated Feet in reinforced polyamide



REXNORD

Part. **R0323**



## Spindle in stainless steel

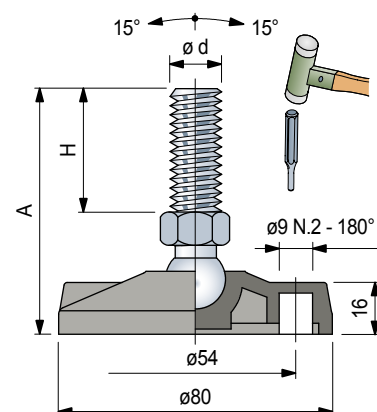
|     | A (mm) | H (mm) | 2a | 2b | mm | Code    | Fmax. N |
|-----|--------|--------|----|----|----|---------|---------|
| M10 | 95     | 71     | 2a | -  | 12 | 65686N  | 9000    |
| M12 | 95     | 69     | 2a | -  | 12 | 65596N  |         |
|     | 155    | 132    | 2a | -  | 12 | 679061N |         |

## Item code for order = Part. + Code

- Footplate material : reinforced polyamide PA FV ( black ).
- Packaging : 12 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

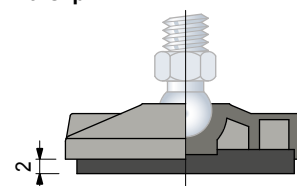


Fixing holes, obtainable by breaking "diaphragm".



## Accessories

### Anti-slip

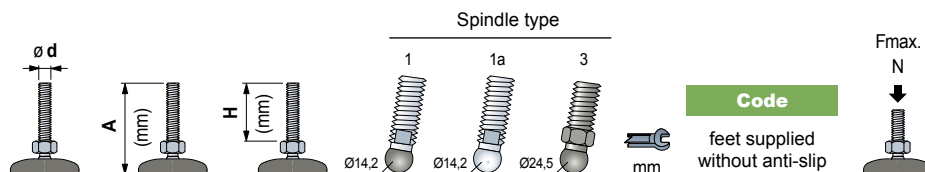
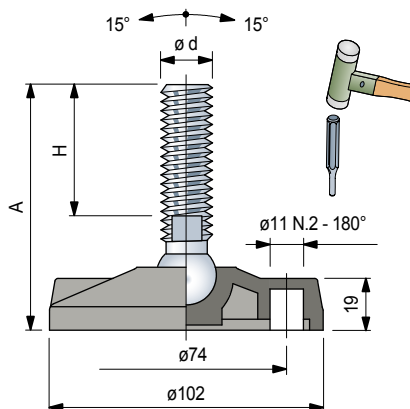


- Code: **R0000630042**.
- Material: NBR rubber (black), 70 Shore.
- Assembly: press-fit.
- Packaging: 24 pieces

## Part. R0133



Fixing holes, obtainable by breaking "diaphragm".



### Spindle in stainless steel

|     |     |     |   |    |   |    | Code   |       |
|-----|-----|-----|---|----|---|----|--------|-------|
| M16 | 100 | 64  | - | 1a | - | 13 | 633202 | 12000 |
|     | 115 | 81  | - | 1a | - | 13 | 633212 |       |
|     | 160 | 124 | - | 1a | - | 13 | 633222 |       |
|     | 185 | 151 | - | 1a | - | 13 | 633232 |       |
| M20 | 120 | 84  | - | 1a | - | 16 | 633242 |       |
|     | 185 | 149 | - | 1a | - | 16 | 633252 |       |
|     | 245 | 208 | - | 1a | - | 16 | 627103 |       |
| M24 | 250 | 209 | - | 1a | - | 19 | 627133 |       |

### Spindle in zinc plated steel

|     |     |     |   |    |   |    |        |       |
|-----|-----|-----|---|----|---|----|--------|-------|
| M16 | 95  | 61  | - | 1a | - | 13 | 633292 | 12000 |
|     | 150 | 116 | - | 1a | - | 13 | 633312 |       |
|     | 185 | 151 | - | 1a | - | 13 | 633322 |       |
| M20 | 185 | 150 | - | 1a | - | 16 | 633342 |       |

### Spindle in reinforced polyamid (black) with steel pin

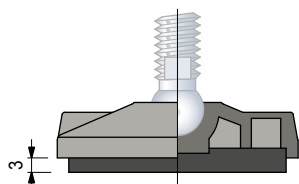
|     |     |    |   |   |   |    |        |      |
|-----|-----|----|---|---|---|----|--------|------|
| M16 | 100 | 54 | - | - | 3 | 24 | 627292 | 6000 |
|-----|-----|----|---|---|---|----|--------|------|

### Item code for order = Part. + Code

- Footplate material: reinforced polyamide PA FV (black).
- Note: for spindles type 1 ball in reinforced polyamide.
- Packaging: 12 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

### Accessories

#### Anti-slip



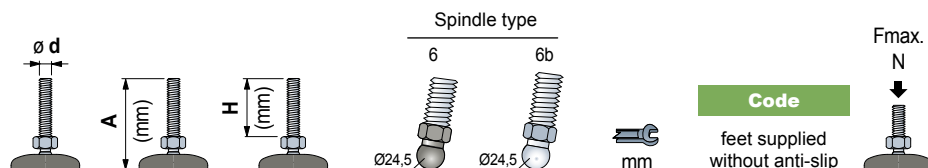
- Code: R0000630052.
- Material: NBR rubber (black), 70 Shore.
- Assembly: press-fit.
- Packaging: 12 pieces

# Articulated Feet in reinforced polyamide

Ø100

REXNORD

## Part. R0133 Reinforced version



### Spindle in stainless steel

|     |     |     |   |    |    |         |       |
|-----|-----|-----|---|----|----|---------|-------|
| M12 | 150 | 103 | 6 | -  | 19 | 679251N | 13000 |
| M14 | 150 | 103 | 6 | -  | 19 | 679311N |       |
| M16 | 150 | 109 | - | 6b | 24 | 627222  |       |
|     | 185 | 144 | - | 6b | 24 | 627232  |       |
| M24 | 220 | 179 | - | 6b | 24 | 627282  |       |

### Spindle in zinc plated steel

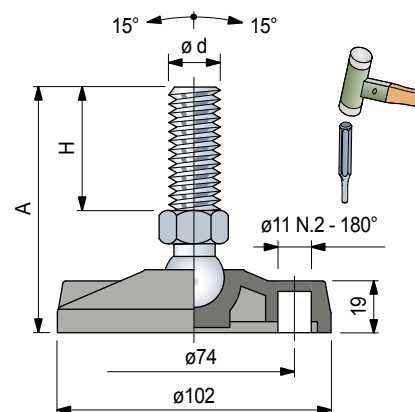
|     |     |     |   |    |    |        |       |
|-----|-----|-----|---|----|----|--------|-------|
| M16 | 195 | 154 | - | 6b | 24 | 627352 | 13000 |
|-----|-----|-----|---|----|----|--------|-------|

### Item code for order = Part. + Code

- Footplate material: reinforced polyamide PA FV (black).
- Note: for spindles type 6 ball in reinforced polyamide.
- Packaging: 12 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

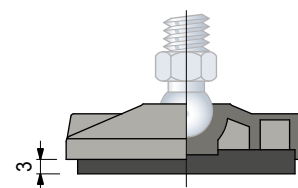


Fixing holes,  
obtainable by  
breaking  
"diaphragm".



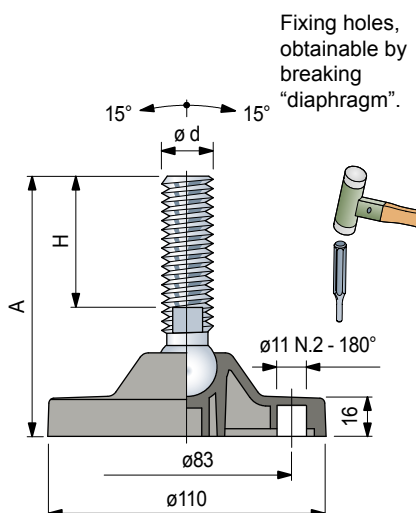
### Accessories

#### Anti-slip



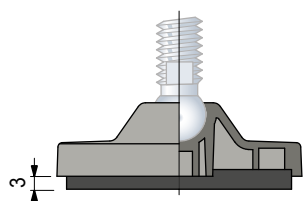
- Code: R0000630052.
- Material: NBR rubber (black), 70 Shore.
- Assembly: press-fit.
- Packaging: 12 pieces

## Part. R0479

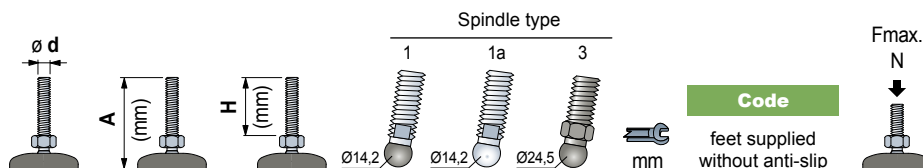


### Accessories

#### Anti-slip



- Code: **R0000630062**.
- Material: NBR rubber (black), 70 Shore.
- Assembly: press-fit.
- Packaging: 12 pieces



#### Spindle in stainless steel

| M16 | 110 | 64  | - | 1a | - | 13 | <b>633392</b> |
|-----|-----|-----|---|----|---|----|---------------|
|     | 125 | 81  | - | 1a | - | 13 | <b>633402</b> |
|     | 170 | 124 | - | 1a | - | 13 | <b>633412</b> |
|     | 195 | 151 | - | 1a | - | 13 | <b>633422</b> |
| M20 | 130 | 84  | - | 1a | - | 16 | <b>633432</b> |
|     | 195 | 149 | - | 1a | - | 16 | <b>633442</b> |
|     | 255 | 208 | - | 1a | - | 16 | <b>627293</b> |
| M24 | 260 | 209 | - | 1a | - | 19 | <b>627323</b> |

15000

#### Spindle in zinc plated steel

| M16 | 105 | 61  | - | 1a | - | 13 | <b>633482</b> |
|-----|-----|-----|---|----|---|----|---------------|
|     | 160 | 116 | - | 1a | - | 13 | <b>633502</b> |
|     | 195 | 151 | - | 1a | - | 13 | <b>633512</b> |
| M20 | 190 | 150 | - | 1a | - | 16 | <b>633532</b> |
| M24 | 195 | 146 | - | 1a | - | 19 | <b>633562</b> |

#### Item code for order = Part. + Code

- Footplate material: reinforced polyamide PA FV (black).
- Note: for spindles type 1 ball in reinforced polyamide.
- Packaging: 12 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

# Articulated Feet

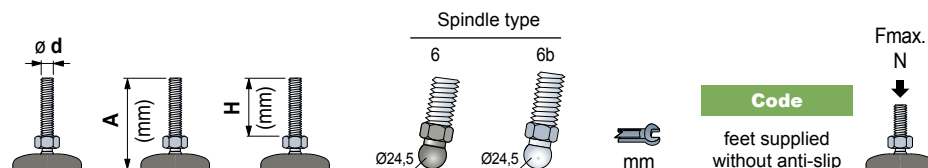
in reinforced polyamide

Ø110

REXNORD

## Part. R0479

### Reinforced version



#### Spindle in stainless steel

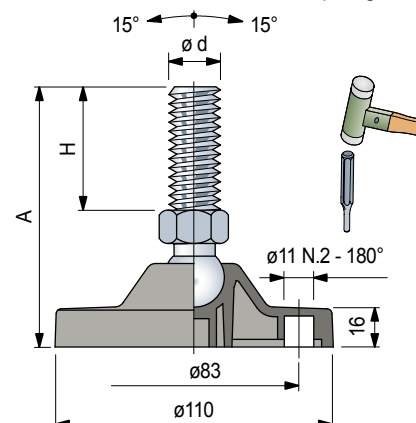
|     | A (mm) | H (mm) | Spindle type | mm | Code |
|-----|--------|--------|--------------|----|------|
| M16 | 160    | 109    | -            | 6b | 24   |
|     | 195    | 144    | -            | 6b | 24   |
| M24 | 230    | 179    | -            | 6b | 24   |

#### Item code for order = Part. + Code

- Footplate material: reinforced polyamide PA FV (black).
- Note: for spindles type 6 ball in reinforced polyamide.
- Packaging: 12 pieces.
- Anti-slip supplied separately.
- On request different length.
- $F_{max.}$  = maximum applicable load in static conditions.

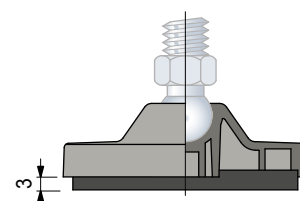


Fixing holes, obtainable by breaking "diaphragm".



#### Accessories

##### Anti-slip

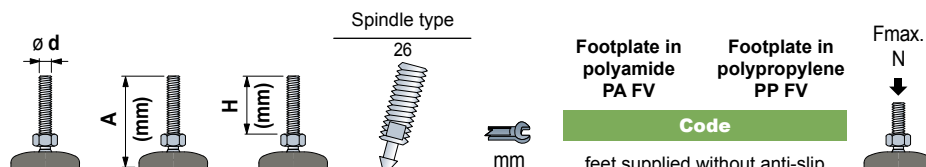


- Code: **R0000630062**.
- Material: NBR rubber (black), 70 Shore.
- Assembly: press-fit.
- Packaging: 12 pieces

# Articulated Feet

in reinforced polyamide and polypropylene

## Part. R0869



### Spindle in stainless steel

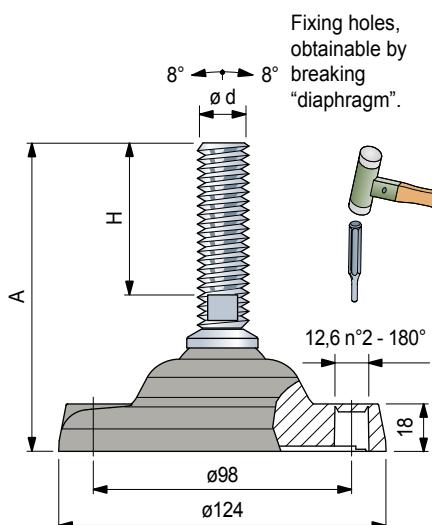
|     |     |     |    |    |        |        |                                      |
|-----|-----|-----|----|----|--------|--------|--------------------------------------|
| M16 | 200 | 140 | 26 | 13 | 618933 | 619313 | 45000<br>(PA FV)<br>13000<br>(PP FV) |
| M24 | 200 | 139 | 26 | 17 | 618973 | 619353 |                                      |
|     | 260 | 199 | 26 | 17 | 618983 | 619363 |                                      |

### Spindle in zinc plated steel

|     |     |     |    |    |        |        |                                      |
|-----|-----|-----|----|----|--------|--------|--------------------------------------|
| M20 | 200 | 139 | 26 | 17 | 619153 | 619533 | 45000<br>(PA FV)<br>13000<br>(PP FV) |
| M24 | 350 | 287 | 26 | 19 | 619243 | 619623 |                                      |

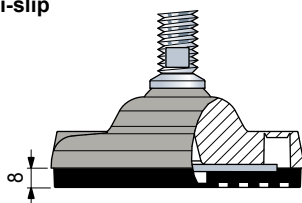
### Item code for order = Part. + Code

- Footplate material: reinforced polyamide PA FV (black) and reinforced polypropylene PP FV (black).
- Packaging: 12 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

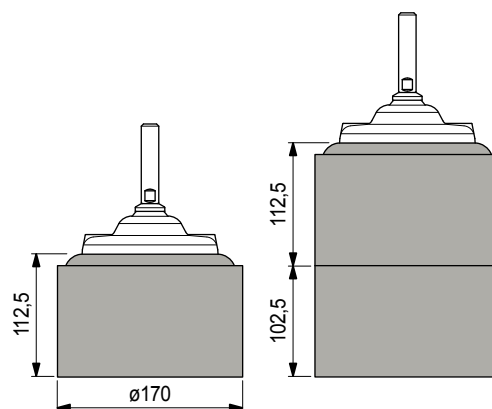


- Code with reinforcement disc: **R0000630082**.
- Code without reinforcement disc: **R0000630092**.
- Assembly: with screws for plate supplied loose.
- Material: NBR rubber (black), 80 Shore.
- Packaging: 12 pieces.

## Part. R0726 - Spacer



- Code: **688772**.
- Material: acetal POM (black).
- Weight: 1,15 Kg.
- Packaging: 8 pieces.



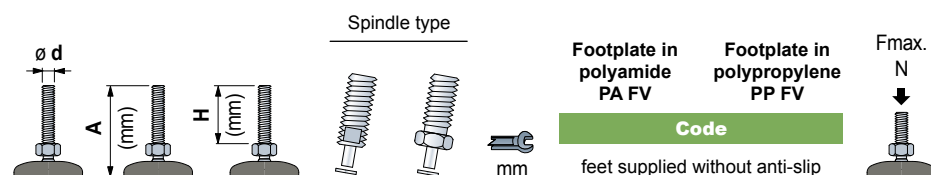
# Articulated Feet

in reinforced polyamide and polypropylene

Ø124

REXNORD

## Part. R0169



### Spindle in stainless steel

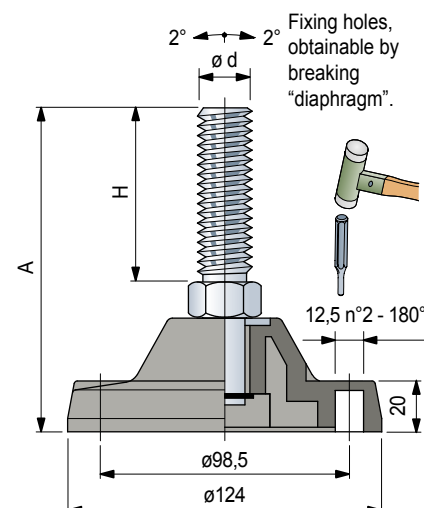
|     |     |     |    |    |    |        |        |                  |
|-----|-----|-----|----|----|----|--------|--------|------------------|
| M20 | 205 | 146 | -  | 22 | 30 | 624812 | 628692 | 45000<br>(PA FV) |
| M30 | 205 | 152 | 21 | -  | 24 | 624832 | 628712 | 13000<br>(PP FV) |

### Spindle in zinc plated steel

| M20 | 205 | 146 | -  | 22 | 30 | 624862 | 628742 | 45000<br>(PA FV)<br>13000<br>(PP FV) |
|-----|-----|-----|----|----|----|--------|--------|--------------------------------------|
|     | 255 | 195 | -  | 22 | 30 | 624872 | 628752 |                                      |
| M24 | 205 | 152 | 21 | -  | 19 | 624892 | 628772 |                                      |

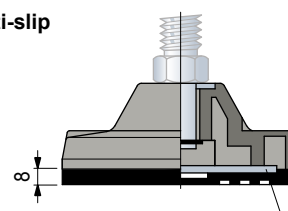
### Item code for order = Part. + Code

- Footplate material: reinforced polyamide PA FV (black) and reinforced polypropylene PP FV (black).
- Packaging: 12 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

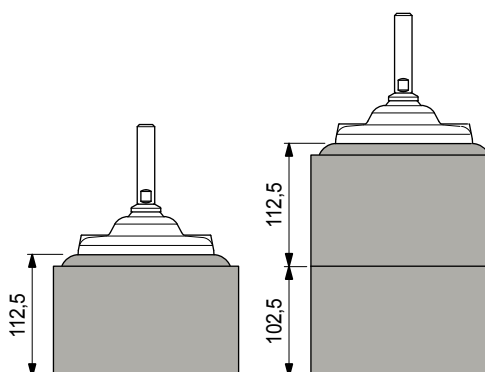


- Code with reinforcement disc: **R0000630082**.
- Code without reinforcement disc: **R0000630092**.
- Assembly: with screws for plate supplied loose.
- Material: NBR rubber (black), 80 Shore.
- Packaging: 12 pieces.

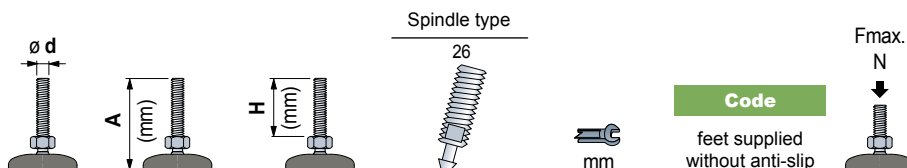
## Part. R0726 - Spacer



- Code: **688772**.
- Material: acetal POM (black).
- Weight: 1,15 Kg.
- Packaging: 8 pieces.



**Part. R0134**

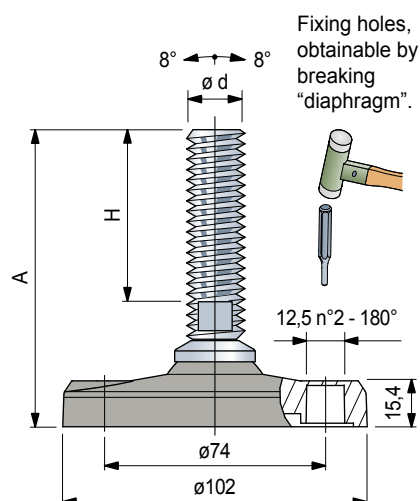


| Spindle in stainless steel |     |     |    |    |               |
|----------------------------|-----|-----|----|----|---------------|
|                            | 180 | 140 | 26 | 13 | <b>627423</b> |
| <b>M20</b>                 | 180 | 139 | 26 | 17 | <b>627433</b> |

| Spindle in zinc plated steel |     |     |    |    |               |
|------------------------------|-----|-----|----|----|---------------|
| <b>M20</b>                   | 150 | 109 | 26 | 17 | <b>627483</b> |

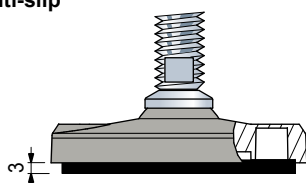
**Item code for order = Part. + Code**

- Footplate material: reinforced polyamide PA FV (black).
- Packaging: 12 pieces.
- Anti-slip supplied separately.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



**Accessories**

**Anti-slip**



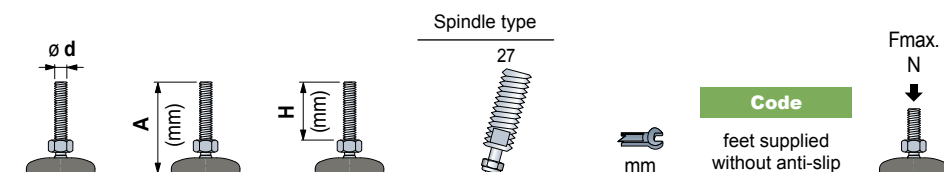
- Code: **R0000630052**.
- Material: NBR rubber (black), 70 Shore.
- Assembly: press-fit.
- Packaging: 12 pieces

# Articulated Feet in reinforced polyamide

Ø124

REXNORD

## Part. R0297



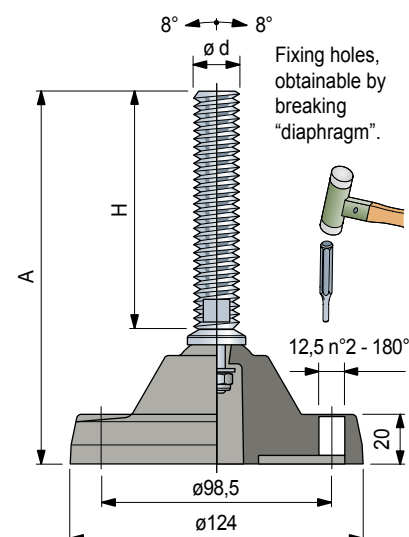
| Spindle in stainless steel |     |     |    |    |          |
|----------------------------|-----|-----|----|----|----------|
| M16                        | 210 | 140 | 27 | 13 | 629192N1 |
| M20                        | 210 | 140 | 27 | 17 | 629202N1 |
| M30                        | 195 | 125 | 27 | 24 | 629212N1 |
|                            | 250 | 180 | 27 | 24 | 629222N1 |

45000

| Spindle in zinc plated steel |     |     |    |    |          |
|------------------------------|-----|-----|----|----|----------|
| M20                          | 205 | 140 | 27 | 17 | 629242N1 |
| M30                          | 195 | 125 | 27 | 24 | 629252N1 |
|                              | 250 | 180 | 27 | 24 | 629262N1 |

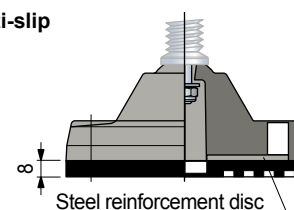
### Item code for order = Part. + Code

- Footplate material: reinforced polyamide PA FV (black).
- Packaging: 12 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

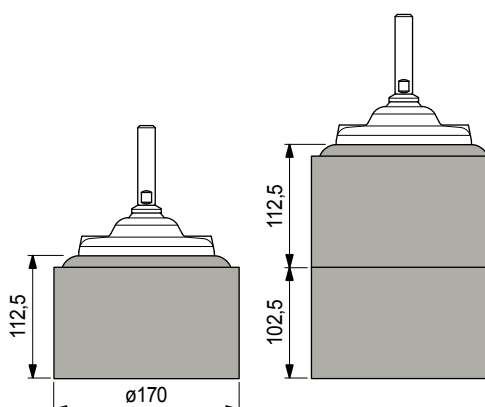


- Code with reinforcement disc: **R0000630082**.
- Code without reinforcement disc: **R0000630092**.
- Assembly: with screws for plate supplied loose.
- Material: NBR rubber (black), 80 Shore.
- Packaging: 12 pieces.

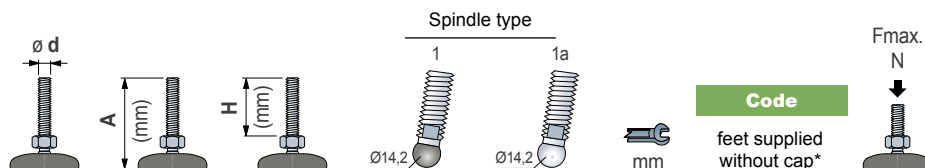
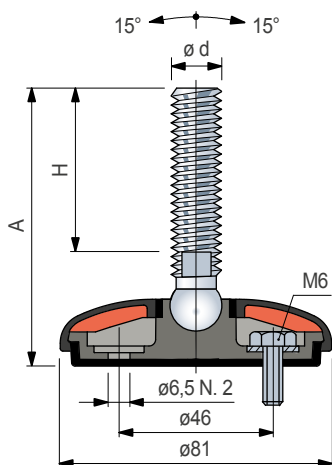
## Part. R0726 - Spacer



- Code: **688772**.
- Material: acetal POM (black).
- Weight: 1,15 Kg.
- Packaging: 8 pieces.



## Part. R0626



### Spindle in stainless steel

|     |     |     |   |    |    |        |       |
|-----|-----|-----|---|----|----|--------|-------|
| M16 | 100 | 64  | - | 1a | 13 | 641722 | 10000 |
|     | 115 | 81  | - | 1a | 13 | 641732 |       |
|     | 160 | 124 | - | 1a | 13 | 641742 |       |
|     | 185 | 151 | - | 1a | 13 | 641752 |       |
| M20 | 120 | 84  | - | 1a | 16 | 641762 |       |
|     | 185 | 149 | - | 1a | 16 | 641772 |       |

### Spindle in zinc plated steel

|     |     |     |   |    |    |        |       |
|-----|-----|-----|---|----|----|--------|-------|
| M16 | 95  | 61  | - | 1a | 13 | 641812 | 10000 |
|     | 150 | 116 | - | 1a | 13 | 641832 |       |
|     | 185 | 151 | - | 1a | 13 | 641842 |       |
| M20 | 185 | 150 | - | 1a | 16 | 641872 |       |

### Item code for order = Part. + Code

- \* = 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 (70 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Feet can be fixed to the floor.
- Note: for spindles type 1 ball in reinforced polyamide.
- Packaging: 24 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

### Protection cap

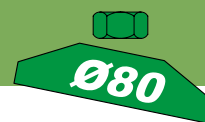
| Color | Code        |
|-------|-------------|
| Black | R0626641952 |



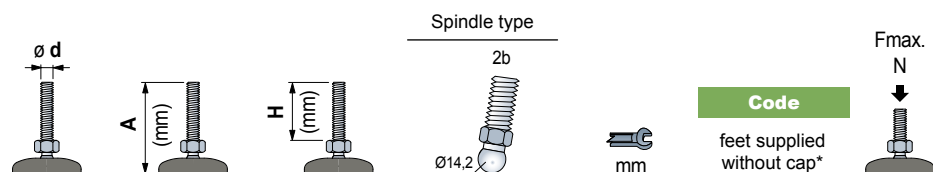
- Material: polypropylene PP.
- Packaging: 24 pieces.

# Articulated Feet Gripper

in reinforced polypropylene



Part. **R0626**

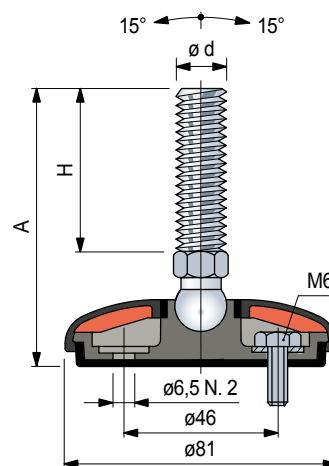


| Spindle in stainless steel |    |    |    |    |        |       |
|----------------------------|----|----|----|----|--------|-------|
| M12                        | 85 | 55 | 2b | 14 | 641402 | 10000 |

## Item code for order = Part. + Code

\* = 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 (70 Shore).
- 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.



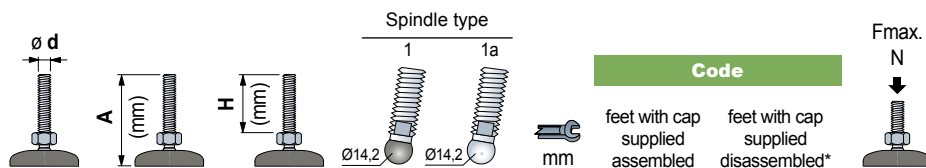
## Protection cap

| Color | Code        |
|-------|-------------|
| Black | R0626641952 |



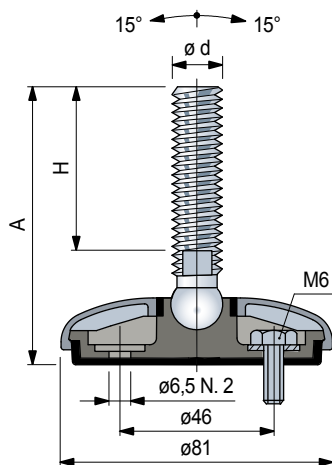
- Material: polypropylene PP.
- Packaging: 24 pieces.

## Part. R0627



### Spindle in stainless steel

|     |     |     |   |    |    |        |        |       |
|-----|-----|-----|---|----|----|--------|--------|-------|
| M16 | 100 | 64  | - | 1a | 13 | 642112 | 647332 | 10000 |
|     | 115 | 81  | - | 1a | 13 | 642122 | 647342 |       |
|     | 160 | 124 | - | 1a | 13 | 642132 | 647352 |       |
|     | 185 | 151 | - | 1a | 13 | 642142 | 647362 |       |
| M20 | 120 | 84  | - | 1a | 16 | 642152 | 647372 |       |
|     | 185 | 149 | - | 1a | 16 | 642162 | 647382 |       |



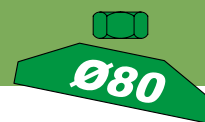
### Item code for order = Part. + Code

\* = 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 (70 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Note: for spindles type 1 ball in reinforced polyamide.
- Packaging: 12 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

# Articulated Feet Gripper

in stainless steel



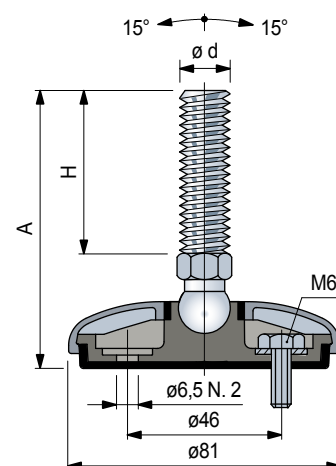
Part. **R0627**

| Ø d | A (mm) | H (mm) | Spindle type | mm | Code                                   |                                            | Fmax.<br>N |
|-----|--------|--------|--------------|----|----------------------------------------|--------------------------------------------|------------|
|     |        |        |              |    | feet with cap<br>supplied<br>assembled | feet with cap<br>supplied<br>disassembled* |            |
| M12 | 85     | 55     | 2b           | 14 | 641982                                 | 647302                                     | 10000      |

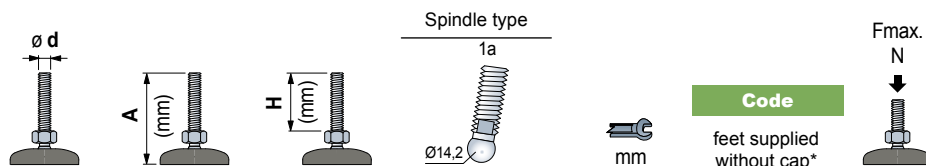
## Item code for order = Part. + Code

\* = 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 (70 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Note: for spindles type 1 ball in reinforced polyamide.
- Packaging: 12 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



## Part. R0622



### Spindle in stainless steel

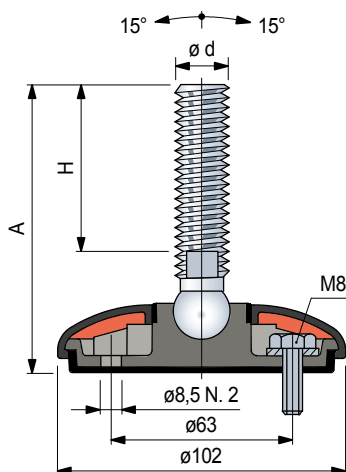
|     |     |     |    |    |        |       |
|-----|-----|-----|----|----|--------|-------|
| M16 | 105 | 64  | 1a | 13 | 643552 | 19500 |
|     | 120 | 81  | 1a | 13 | 643562 |       |
|     | 165 | 124 | 1a | 13 | 643572 |       |
|     | 190 | 151 | 1a | 13 | 643582 |       |
| M20 | 125 | 84  | 1a | 16 | 643592 |       |
|     | 190 | 149 | 1a | 16 | 643602 |       |

### Spindle in zinc plated steel

|     |     |     |    |    |        |       |
|-----|-----|-----|----|----|--------|-------|
| M16 | 100 | 61  | 1a | 13 | 643632 | 19500 |
|     | 155 | 116 | 1a | 13 | 643652 |       |
|     | 190 | 151 | 1a | 13 | 643662 |       |
| M20 | 190 | 150 | 1a | 16 | 643682 |       |

### Item code for order = Part. + Code

- \* = 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 (70 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Feet can be fixed to the floor.
- Packaging: 12 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



### Protection cap

| Color | Code        |
|-------|-------------|
| Black | R0622639412 |



- Material: polypropylene PP.
- Packaging: 24 pieces.

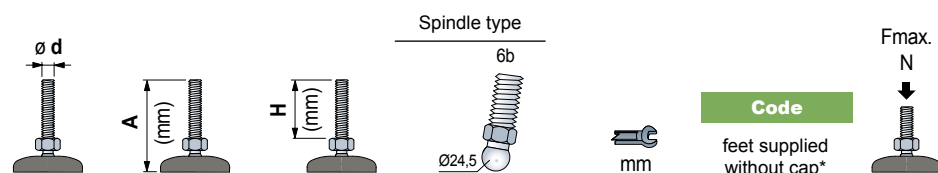
# Articulated Feet Gripper

in reinforced polypropylene

Ø100

REXNORD

Part. **R0622**



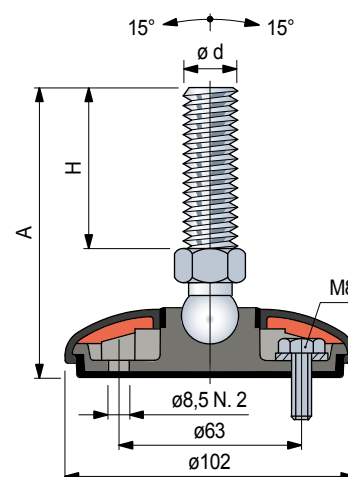
| Spindle in stainless steel |     |     |    |    |        |       |
|----------------------------|-----|-----|----|----|--------|-------|
| M16                        | 150 | 109 | 6b | 24 | 637272 | 19500 |
|                            | 185 | 144 | 6b | 24 | 637282 |       |

| Spindle in zinc plated steel |     |     |    |    |        |       |
|------------------------------|-----|-----|----|----|--------|-------|
| M16                          | 195 | 154 | 6b | 24 | 637372 | 19500 |

## Item code for order = Part. + Code

\* = 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 (70 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Feet can be fixed to the floor.
- Packaging: 12 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



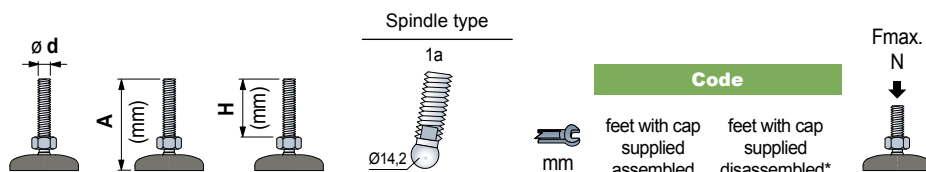
## Protection cap

| Color | Code        |
|-------|-------------|
| Black | R0622639412 |



- Material: polypropylene PP.
- Packaging: 12 pieces.

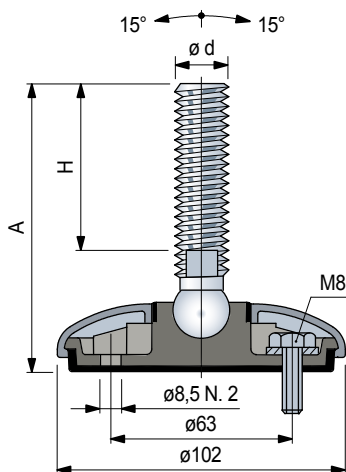
## Part. R0623



### Spindle in stainless steel

|     |     |     |    |    | Code   |        |
|-----|-----|-----|----|----|--------|--------|
|     | 105 | 64  | 1a | 13 | 643732 | 647412 |
| M16 | 120 | 81  | 1a | 13 | 643742 | 647442 |
|     | 165 | 124 | 1a | 13 | 643752 | 647472 |
|     | 190 | 151 | 1a | 13 | 643762 | 647502 |
| M20 | 125 | 84  | 1a | 16 | 643772 | 647552 |
|     | 190 | 149 | 1a | 16 | 643782 | 647582 |

19500



### Item code for order = Part. + Code

\* = 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 (70 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Note: for spindles type 1 ball in reinforced polyamide.
- Packaging: 12 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

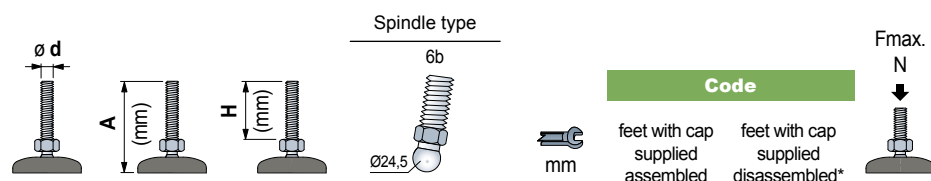
# Articulated Feet Gripper

in stainless steel

Ø100

REXNORD

Part. **R0623**



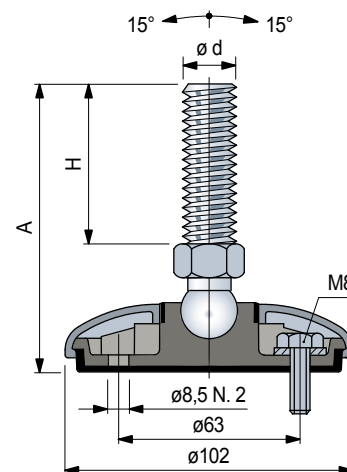
## Spindle in stainless steel

| M16 | 150 | 109 | 6b | 24 | 637522 | 647452 | 19500 |
|-----|-----|-----|----|----|--------|--------|-------|
|     | 185 | 144 | 6b | 24 | 637532 | 647482 |       |
|     | 220 | 179 | 6b | 24 | 637582 | 647622 |       |

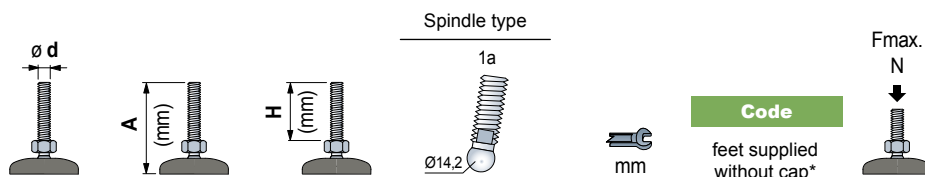
## Item code for order = Part. + Code

\* = 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 (70 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Note: for spindles type 1 ball in reinforced polyamide.
- Packaging: 12 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



## Part. R0628



### Spindle in stainless steel

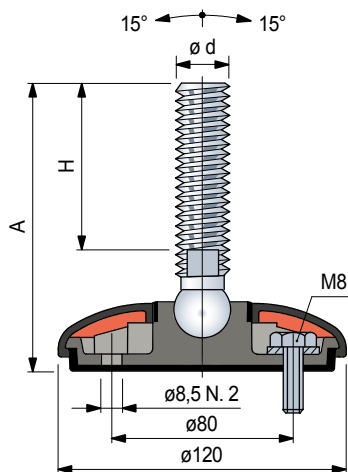
|     |     |     |    |    |        |       |
|-----|-----|-----|----|----|--------|-------|
| M16 | 110 | 64  | 1a | 13 | 643812 | 22000 |
|     | 125 | 81  | 1a | 13 | 643822 |       |
|     | 170 | 124 | 1a | 13 | 643832 |       |
|     | 195 | 151 | 1a | 13 | 643842 |       |
| M20 | 130 | 84  | 1a | 16 | 643852 |       |
|     | 195 | 149 | 1a | 16 | 643862 |       |

### Spindle in zinc plated steel

|     |     |     |    |    |        |       |
|-----|-----|-----|----|----|--------|-------|
| M16 | 105 | 61  | 1a | 13 | 643892 | 22000 |
|     | 160 | 116 | 1a | 13 | 643912 |       |
|     | 195 | 151 | 1a | 13 | 643922 |       |
| M20 | 195 | 150 | 1a | 16 | 643942 |       |

### Item code for order = Part. + Code

- \* = 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 (70 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Feet can be fixed to the floor.
- Packaging: 12 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



### Protection cap

| Color | Code        |
|-------|-------------|
| Black | R0628643102 |



- Material: polypropylene PP.
- Packaging: 12 pieces.

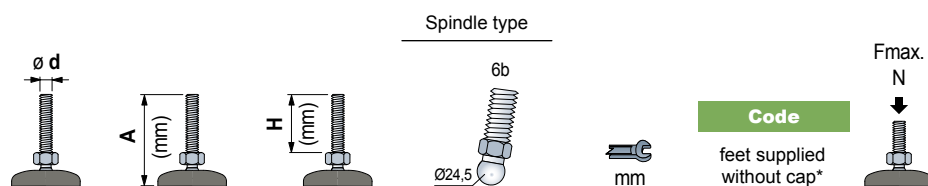
# Articulated Feet Gripper

in reinforced polypropylene

Ø120

REXNORD

Part. **R0628**



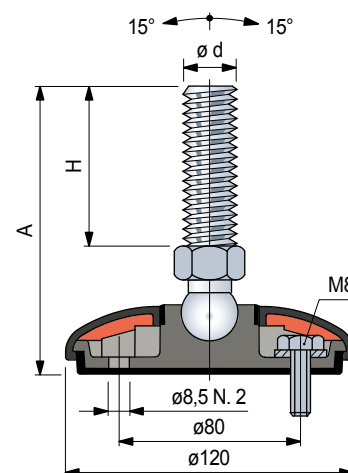
| Spindle in stainless steel |     |     |    |    |               | 22000 |
|----------------------------|-----|-----|----|----|---------------|-------|
| M16                        | 155 | 109 | 6b | 24 | <b>642462</b> |       |
|                            | 190 | 144 | 6b | 24 | <b>642482</b> |       |
| M20                        | 225 | 179 | 6b | 24 | <b>642582</b> |       |

| Spindle in zinc plated steel |     |     |    |    |               | 22000 |
|------------------------------|-----|-----|----|----|---------------|-------|
| M16                          | 200 | 154 | 6b | 24 | <b>642662</b> |       |

## Item code for order = Part. + Code

\* = 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 (70 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Feet can be fixed to the floor.
- Packaging: 12 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



## Protection cap

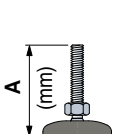
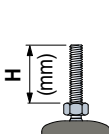
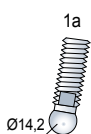
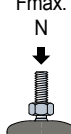
| Color | Code               |
|-------|--------------------|
| Black | <b>R0628643102</b> |



- Material: polypropylene PP.
- Packaging: 12 pieces.

## Part. R0629

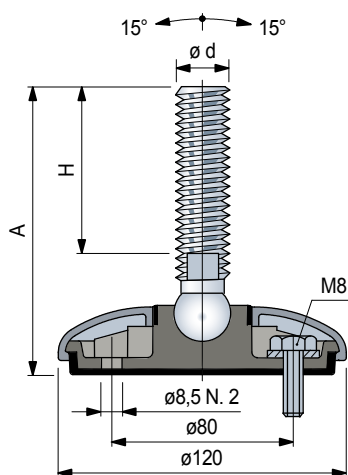


|                                                                                   |                                                                                   |                                                                                   | Spindle type                                                                      |                                                                                     | Code                                   |                                            | Fmax.<br>N                                                                          |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  | feet with cap<br>supplied<br>assembled | feet with cap<br>supplied<br>disassembled* |  |
| Spindle in stainless steel                                                        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                        |                                            |                                                                                     |
| M16                                                                               | 110                                                                               | 64                                                                                | 1a                                                                                | 13                                                                                  | 643992                                 | 647652                                     | 22000                                                                               |
|                                                                                   | 125                                                                               | 81                                                                                | 1a                                                                                | 13                                                                                  | 644002                                 | 647682                                     |                                                                                     |
|                                                                                   | 170                                                                               | 124                                                                               | 1a                                                                                | 13                                                                                  | 644012                                 | 647712                                     |                                                                                     |
|                                                                                   | 195                                                                               | 151                                                                               | 1a                                                                                | 13                                                                                  | 644022                                 | 647742                                     |                                                                                     |
| M20                                                                               | 130                                                                               | 84                                                                                | 1a                                                                                | 16                                                                                  | 644032                                 | 647792                                     |                                                                                     |
|                                                                                   | 195                                                                               | 149                                                                               | 1a                                                                                | 16                                                                                  | 644042                                 | 647822                                     |                                                                                     |

### Item code for order = Part. + Code

\* = Feet can be fixed to the floor.

- Base material: reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (70 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Feet can be fixed to the floor.
- Packaging: 12 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



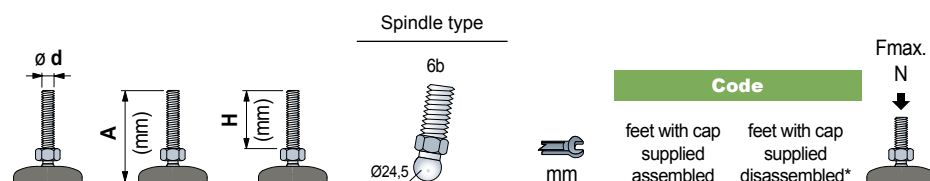
# Articulated Feet Gripper

in stainless steel

Ø120

REXNORD

Part. **R0629**



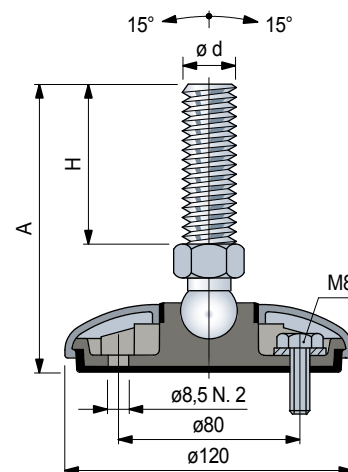
## Spindle in stainless steel

|     | 155 | 109 | 6b | 24 | 642302 | 647692 |       |
|-----|-----|-----|----|----|--------|--------|-------|
| M16 | 190 | 144 | 6b | 24 | 642322 | 647722 | 22000 |
| M24 | 225 | 179 | 6b | 24 | 642422 | 647862 |       |

## Item code for order = Part. + Code

\* = Feet can be fixed to the floor.

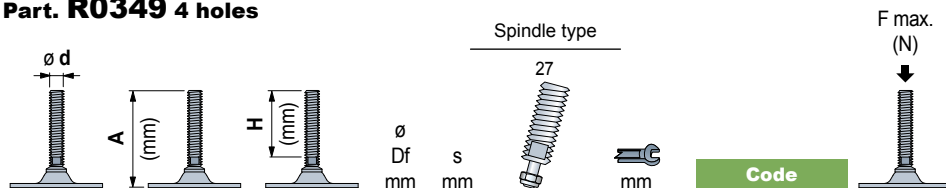
- Base material: reinforced polypropylene with integrated anti-slip in thermoplastic rubber grey (70 Shore).
- The sealing of the internal structure guarantees a better hygiene.
- Feet can be fixed to the floor.
- Packaging: 12 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.



## Part. R0349 4 holes



### Part. R0349 4 holes



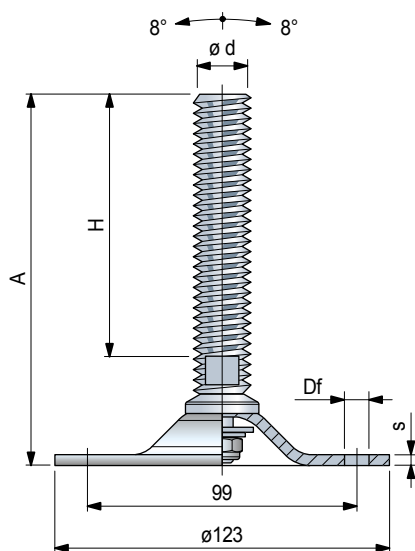
F max.  
(N)

| Feet in stainless steel |     |     |   |   |    |    |          | 6000 |
|-------------------------|-----|-----|---|---|----|----|----------|------|
| M16                     | 180 | 140 | 9 | 3 | 27 | 13 | 682721N1 |      |
| M20                     | 180 | 140 | 9 | 3 | 27 | 17 | 68165N1  |      |
| M30                     | 165 | 125 | 9 | 3 | 27 | 24 | 63757N1  |      |
|                         | 225 | 180 | 9 | 3 | 27 | 24 | 682741N1 |      |

| Feet in zinc plated steel |     |     |   |   |    |    |          | 10000 |
|---------------------------|-----|-----|---|---|----|----|----------|-------|
| M20                       | 175 | 140 | 9 | 4 | 27 | 17 | 65634N1  |       |
| M24                       | 220 | 175 | 9 | 4 | 27 | 19 | 65054N1  |       |
| M30                       | 165 | 125 | 9 | 4 | 27 | 24 | 65644N1  |       |
|                           | 220 | 180 | 9 | 4 | 27 | 24 | 682711N1 |       |

### Item code for order = Part. + Code

- Packaging: 8 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

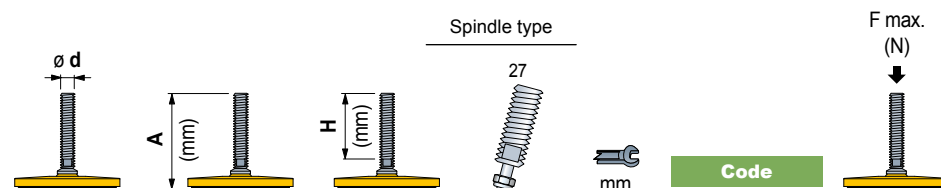


# Articulated feet in painted steel

Ø160

REXNORD

Part. **R0408**

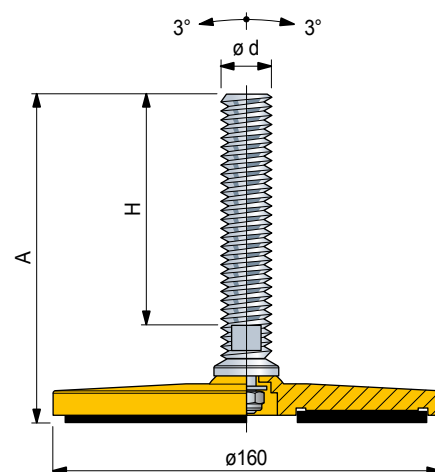


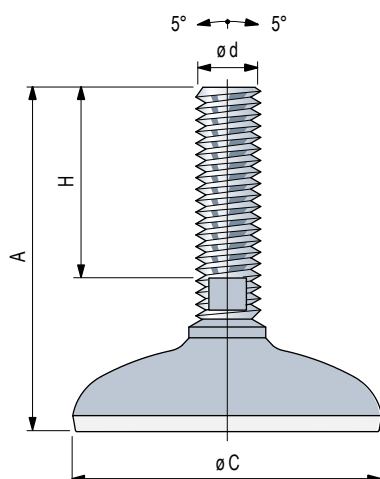
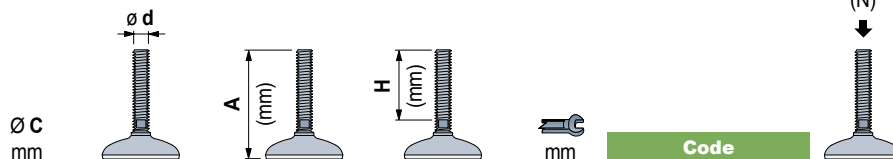
| Spindle in stainless steel |     |     |    |    |          |       |
|----------------------------|-----|-----|----|----|----------|-------|
| M24                        | 220 | 175 | 27 | 19 | 678851N1 | 50000 |
| M16                        | 180 | 140 | 27 | 13 | 678831N1 | 50000 |
| M20                        | 180 | 140 | 27 | 17 | 678841N1 |       |
| M30                        | 165 | 125 | 27 | 24 | 678861N1 |       |
|                            | 225 | 180 | 27 | 24 | 678881N1 |       |

| Spindle in zinc plated steel |     |     |    |    |          |  |
|------------------------------|-----|-----|----|----|----------|--|
| M20                          | 175 | 140 | 27 | 17 | 678771N1 |  |
| M24                          | 220 | 175 | 27 | 19 | 678801N1 |  |
| M30                          | 165 | 125 | 27 | 24 | 678811N1 |  |
|                              | 220 | 180 | 27 | 24 | 678821N1 |  |

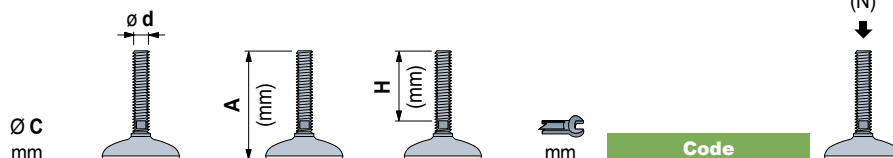
## Item code for order = Part. + Code

- 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.

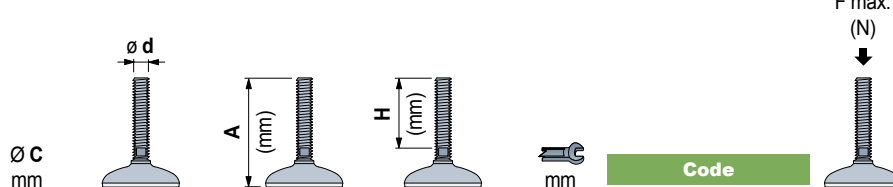


**Part. R0747**
**Part. R0748**
**Part. R0749**

**Part. R0747**

**Feet in stainless steel**

|  |            |     |     |    |               |       |
|--|------------|-----|-----|----|---------------|-------|
|  | <b>M16</b> | 182 | 136 | 13 | <b>602013</b> | 25000 |
|  | <b>M20</b> | 187 | 139 | 16 | <b>602023</b> |       |
|  | <b>M30</b> | 215 | 165 | 27 | <b>620803</b> |       |

**Part. R0748**

**Feet in stainless steel**

|  |            |     |     |    |               |       |
|--|------------|-----|-----|----|---------------|-------|
|  | <b>M16</b> | 185 | 136 | 13 | <b>602053</b> | 25000 |
|  | <b>M20</b> | 190 | 139 | 16 | <b>602063</b> |       |
|  | <b>M24</b> | 220 | 167 | 19 | <b>602073</b> |       |
|  | <b>M30</b> | 218 | 165 | 27 | <b>620823</b> |       |

**Part. R0749**

**Feet in stainless steel**

|  |            |     |     |    |               |       |
|--|------------|-----|-----|----|---------------|-------|
|  | <b>M16</b> | 190 | 136 | 13 | <b>602093</b> | 25000 |
|  | <b>M20</b> | 195 | 139 | 16 | <b>602103</b> |       |
|  |            | 223 | 165 | 27 | <b>620843</b> |       |
|  | <b>M30</b> | 250 | 200 | 27 | <b>616433</b> | 50000 |

**Item code for order = Part. + Code**

- Material:

Spindle in austenitic stainless steel.

Footplate in austenitic stainless steel.

Anti-slip in vulcanized NBR rubber (grey), 75 Shore;

Part R0749616433 - R0749628033 anti-slip in vulcanized NBR rubber NBR (black), 95 Shore.

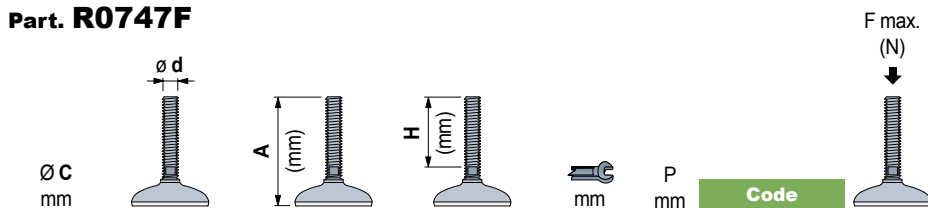
- Packaging: 4 pieces.

- On request different length.

- Fmax. = maximum applicable load in static conditions.

# Articulated feet in stainless steel

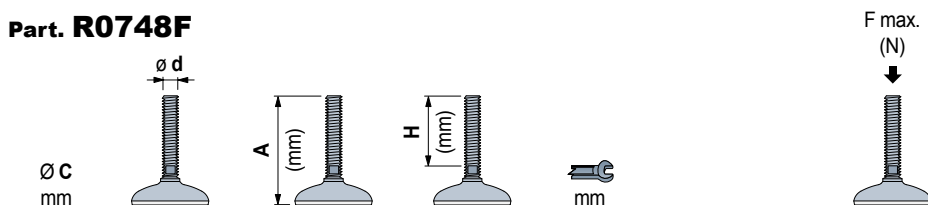
## Part. R0747F



### Feet in stainless steel

|                                                                                   |     |     |     |    |    |        |       |
|-----------------------------------------------------------------------------------|-----|-----|-----|----|----|--------|-------|
|  | M16 | 182 | 136 | 13 | 55 | 616063 | 25000 |
|                                                                                   | M20 | 187 | 139 | 16 | 55 | 616073 |       |
|                                                                                   | M30 | 215 | 165 | 27 | 55 | 620863 |       |

## Part. R0748F



### Feet in stainless steel

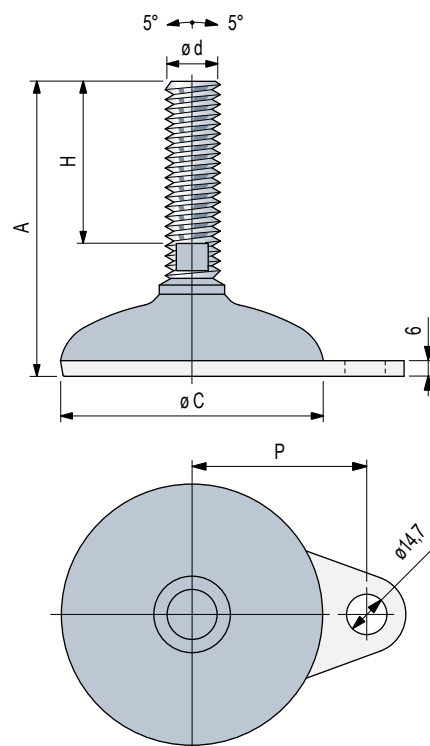
|                                                                                     |     |     |     |    |    |        |       |
|-------------------------------------------------------------------------------------|-----|-----|-----|----|----|--------|-------|
|  | M16 | 185 | 136 | 13 | 67 | 616103 | 25000 |
|                                                                                     | M20 | 190 | 139 | 16 | 67 | 616113 |       |
|                                                                                     | M24 | 220 | 167 | 19 | 67 | 616123 |       |
|                                                                                     | M30 | 218 | 165 | 27 | 67 | 620883 |       |

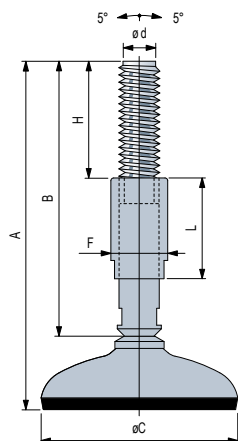
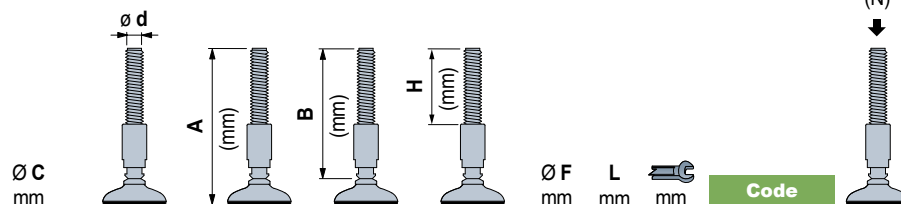
### Item code for order = Part. + Code

- Material:  
Spindle in austenitic stainless steel.  
Footplate in austenitic stainless steel.  
Anti-slip in vulcanized NBR rubber (grey), 75 Shore.
- Packaging: 4 pieces.
- On request different length.
- Fmax. = maximum applicable load in static conditions.

## Part. R0747F

## Part. R0748F

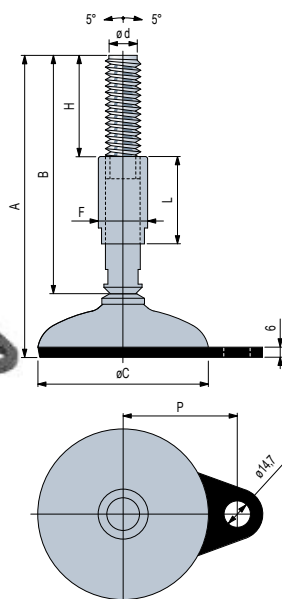
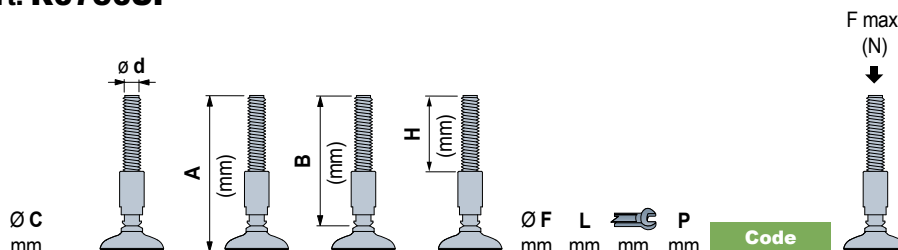


**Part. R0750S**

**Part. R0750S**


| Feet in stainless steel                                                           |     |     |     |     |    |    |    |               |
|-----------------------------------------------------------------------------------|-----|-----|-----|-----|----|----|----|---------------|
|  | M16 | 200 | 165 | 100 | 23 | 55 | 13 | <b>613603</b> |
|                                                                                   |     |     |     |     |    |    |    | 25000         |

**Item code for order = Part. + Code**

- Material:  
Spindle and threaded bushing in austenitic stainless steel.  
Footplate in austenitic stainless steel.  
Anti-slip in vulcanized NBR rubber (black), 95 Shore.
- Packaging: 4 pieces.
- Fmax. = maximum applicable load in static conditions.

**Part. R0750SF**

**Part. R0750SF**


| Feet in stainless steel                                                             |     |     |     |     |    |    |    |               |
|-------------------------------------------------------------------------------------|-----|-----|-----|-----|----|----|----|---------------|
|  | M16 | 200 | 165 | 100 | 23 | 55 | 13 | <b>616173</b> |
|                                                                                     |     |     |     |     |    |    |    | 25000         |

**Item code for order = Part. + Code**

- Material:  
Spindle and threaded bushing in austenitic stainless steel.  
Footplate in austenitic stainless steel.  
Anti-slip in vulcanized NBR rubber (black), 95 Shore.
- Packaging: 4 pieces.
- Fmax. = maximum applicable load in static conditions.

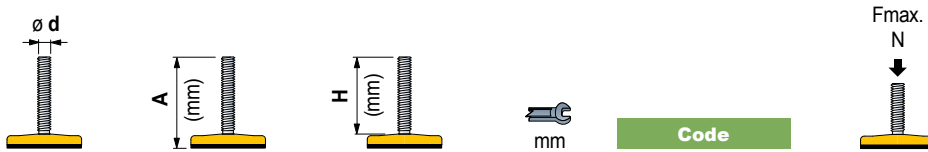
# Fixed feet

in painted steel

Ø100

REXNORD

Part. **R0406**

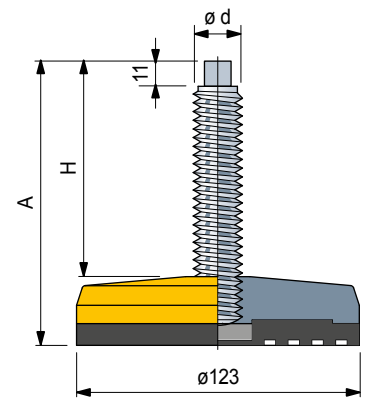


## Feet in zinc plated steel

|     |     |     |    |       |       |
|-----|-----|-----|----|-------|-------|
| M16 | 157 | 127 | 10 | 66614 | 50000 |
|-----|-----|-----|----|-------|-------|

### Item code for order = Part. + Code

- Material: footplate in painted steel yellow. Anti-slip in NBR rubber black (80 Shore).
- Packaging: 4 pieces.
- On request different length.
- $F_{max.}$  = maximum applicable load in static conditions.



## Part. R0180

### Tube dimensions

| Outside dia.<br>mm | Outside dia.<br>Inch | Thickness<br>mm | Inside dia.<br>mm | Thread<br>D | D1<br>mm | D2<br>mm | H<br>mm | L<br>mm | M<br>mm | Code   | Fmax.<br>N |
|--------------------|----------------------|-----------------|-------------------|-------------|----------|----------|---------|---------|---------|--------|------------|
| 48,3               | 1 1/2                | 1,5             | 45,3              | M16         | 48       | 45,5     | 10      | 52      | 24      | 63081  | 5000       |
| 54                 | -                    | 2               | 50                | M16         | 54       | 50,8     | 10      | 62      | 24      | 647081 | 5000       |
| 60,3               | 2                    | 2               | 56,3              | M16         | 60       | 57       | 10      | 62      | 24      | 65174  | 5000       |

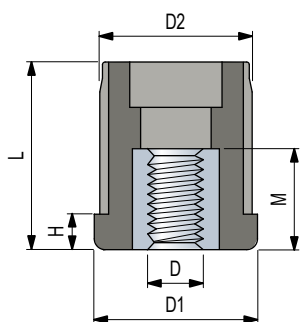
- Material: bushing in reinforced polyamid PA FV (black). Threaded insert in nickel plated brass.
- Packaging: 12 pieces.
- Fmax. = maximum applicable load in static conditions.

### Tube dimensions B.S.I.

| Outside dia.<br>Inch | Outside dia.<br>mm | Thickness<br>Inch | Thickness<br>mm | Inside dia.<br>mm | Thread<br>D | D1<br>mm | D2<br>mm | H<br>mm | L<br>mm | M<br>mm | Code   | Fmax.<br>N |
|----------------------|--------------------|-------------------|-----------------|-------------------|-------------|----------|----------|---------|---------|---------|--------|------------|
| 2"                   | 50,8               | 0,065"            | 1,65            | 47,5              | M16         | 50       | 48,4     | 10      | 56      | 24      | 668191 | 5000       |

### Item code for order = Part. + Code

- Material: bushing in reinforced polyamid PA FV (black). Threaded insert in nickel plated brass.
- Packaging: 12 pieces.
- Fmax. = maximum applicable load in static conditions.



### Assembly

Pressure fitted.  
Interference fit.



# Threaded bushings

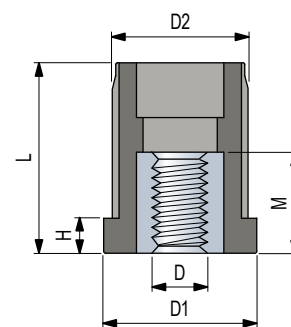
for square tubes

Part. **R0224**

## Metric tube dimensions

| Outside dia.<br>mm | Thickness<br>mm | Inside dia.<br>mm | Thread<br>D | D1<br>mm | D2<br>mm | H<br>mm | L<br>mm | M<br>mm | Code   | Fmax.<br>N<br>↓ |
|--------------------|-----------------|-------------------|-------------|----------|----------|---------|---------|---------|--------|-----------------|
| 40                 | 1,5             | 37                | M12         | 40       | 37,5     | 8       | 43      | 19      | 63882  | 5000            |
|                    |                 |                   | M16         | 40       | 37,5     | 8       | 43      | 24      | 63902  | 5000            |
|                    | 2               | 36                | M16         | 40       | 36,5     | 8       | 43      | 24      | 66533  | 5000            |
|                    |                 |                   | M20         | 40       | 36,5     | 8       | 43      | 30      | 64455  | 8000            |
| 50                 | 1,5             | 47                | M16         | 50       | 47,8     | 10      | 55      | 24      | 68607  | 5000            |
|                    |                 |                   | M20         | 50       | 47,5     | 10      | 55      | 30      | 68883  | 8000            |
|                    |                 |                   | 3/8"-16     | 50       | 47,8     | 10      | 55      | 19      | 692781 | 5000            |
|                    |                 |                   | 1/2"-13     | 50       | 47,8     | 10      | 55      | 19      | 692791 | 5000            |
|                    |                 |                   | 5/8"-11     | 50       | 47,8     | 10      | 55      | 24      | 692801 | 5000            |
|                    |                 |                   | 3/4"-10     | 50       | 47,8     | 10      | 55      | 30      | 692811 | 8000            |
|                    | 2               | 46                | M16         | 50       | 47       | 10      | 55      | 24      | 617632 | 5000            |
|                    |                 |                   | M20         | 50       | 47       | 10      | 55      | 30      | 617642 | 8000            |
|                    | 2,5             | 45                | M14         | 50       | 45,6     | 10      | 55      | 24      | 695411 | 5000            |
|                    |                 |                   | M16         | 50       | 45,5     | 10      | 55      | 24      | 63051  | 5000            |
|                    |                 |                   | M20         | 50       | 45,5     | 10      | 55      | 30      | 63001  | 8000            |

- Material: bushing in reinforced polyamid PA FV (black). Threaded insert in nickel plated brass.
- Packaging: 12 pieces.
- Fmax. = maximum applicable load in static conditions.



## Tube dimensions B.S.I.

| Tube dimensions B.S.I. |      |           |      |             |         |    |      |    |    |    |       | Fmax.<br>N<br>↓ |  |
|------------------------|------|-----------|------|-------------|---------|----|------|----|----|----|-------|-----------------|--|
| Outside dia.           |      | Thickness |      | Inside dia. | Thread  | D1 | D2   | H  | L  | M  | Code  |                 |  |
| Inch                   | mm   | Inch      | mm   | mm          | D       | mm | mm   | mm | mm | mm |       |                 |  |
|                        |      |           |      |             |         |    |      |    |    |    |       |                 |  |
| 2"                     | 50,8 | 0,109"    | 2,77 | 45,3        | 3/4" 10 | 50 | 45,6 | 10 | 55 | 30 | 59241 | 8000            |  |

## Item code for order = Part. + Code

- Material: bushing in reinforced polyamid PA FV (black). Threaded insert in nickel plated brass.
- Packaging: 12 pieces.
- Fmax. = maximum applicable load in static conditions.

## Assembly

Pressure fitted.  
Interference fit.



## **SQUARE FLANGE BEARING**

**Pag. B04 - B13**



## **OVAL FLANGE BEARING**

**Pag. B14 - B21**



## **PILLOW BLOCK BEARING**

**Pag. B22 - B25**



## **COMPACT PILLOW BLOCK BEARING**

**Pag. B26 - B27**



## SIDE FLANGE BEARING

Pag. B28 - B35



## TAKE-UP BEARING

Pag. B36 - B37



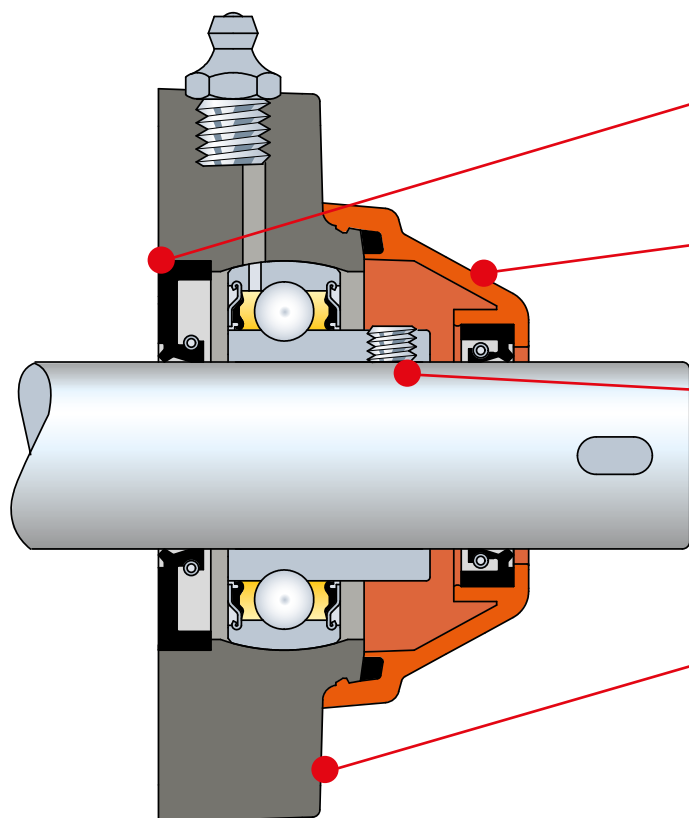
## ROUND FLANGE BEARING

Pag. B38 - B43



## TECHNICAL INFORMATION

Technical Informations see Pag. B45 - B59



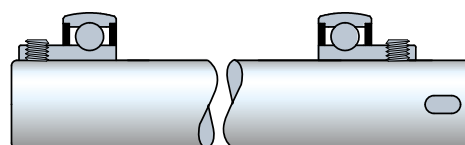
**Waterproof housing**

The waterproof sealing system guarantees protection of the bearing from the external environment

**Inspectable bearing**

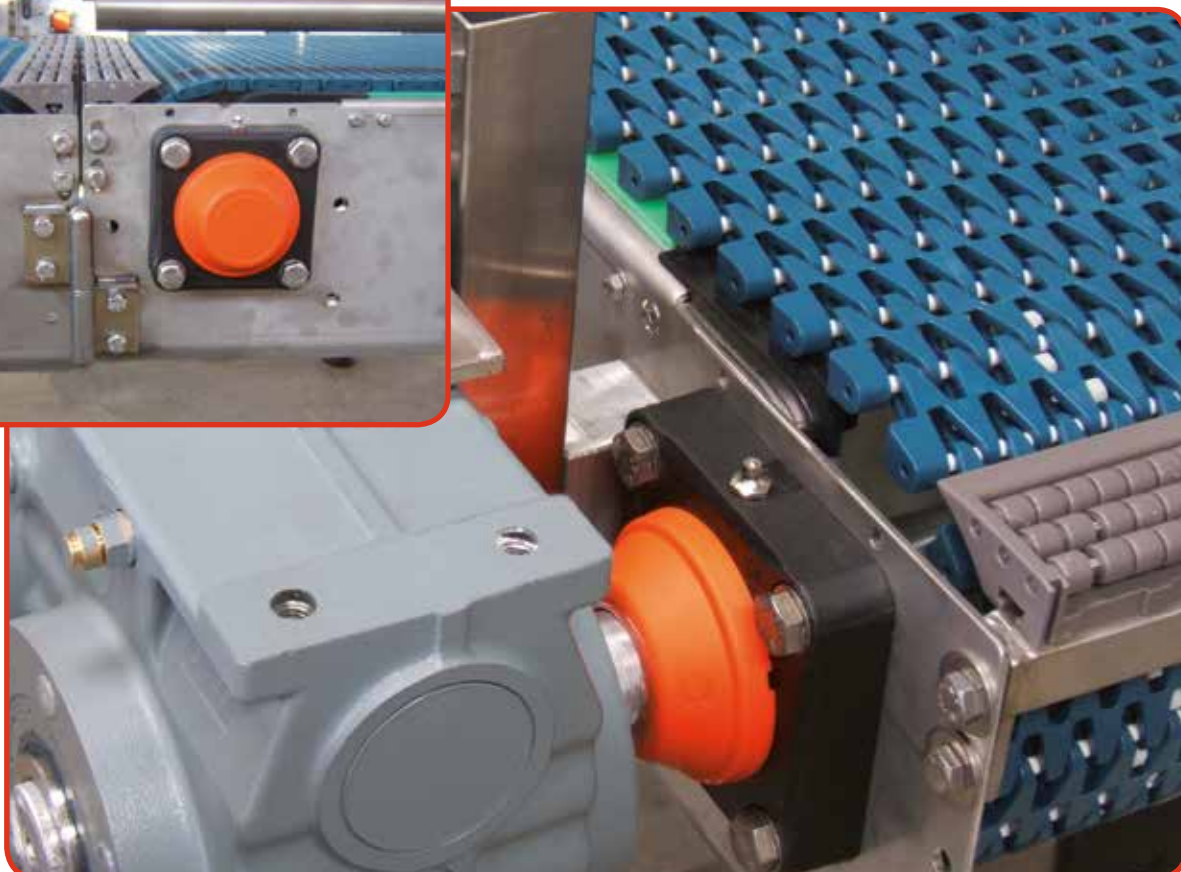
The clip-on protection cover can be removed for bearing inspection

**Locking by grub screws**



**ISO dimensions**

The overall dimensions can be interchanged with the corresponding cast iron type bearings



- 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

## ISO dimensions

- 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



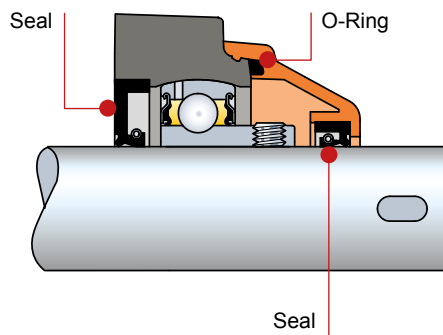
## Fixing bushes

- Only best quality glass fibre reinforced polyamide PA FV/polypropylene PP FV 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 PA FV resins offer maximum heat and mechanical resistance
- Polypropylene PP FV resins offer maximum resistance to chemical agents



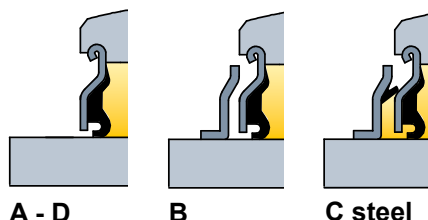
## Thermoplastic resins

- 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



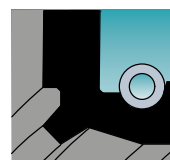
## Waterproof housing

- Self-aligning bearings are equipped with ball bearings featuring multipurpose sealing systems.
- **A - D** - Superagriseal unit. The system consists of a metallic ring fitted with a low friction rubber sealing lip
- **B** - Superagriseal unit + centrifuging ring. The system is further equipped with a metallic protection ring providing a centrifugal sealing action.
- **C steel** - 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.



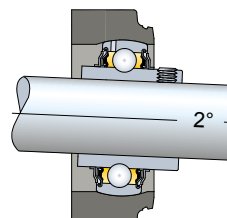
## Bearing seals

- Waterproof self-aligning bearings feature seals for the protection against external environment
- Viton rubber seals ensure maximum resistance to chemical agents



## Support seals

- All bearings are self-aligning, capable of compensating misalignments up to 2°



## Misalignment

# Square flange bearing units

## UCF/C - SUCF/C - HCF/C - SHCF/C



### Waterproof housing

### Grub screws or eccentric collar shaft locking

### PA FV polyamide housing

High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.

### PP FV 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.

### Material

#### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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

### Continuous operating temperature

in air: - 20 to + 60°C.

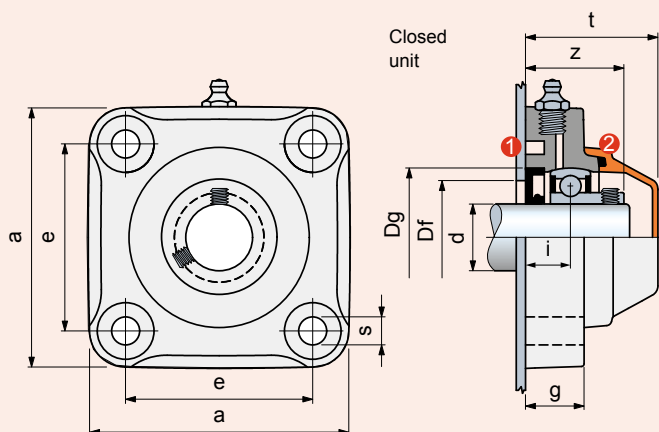
### Maximum allowed misalignment: 2°.

### Bearing

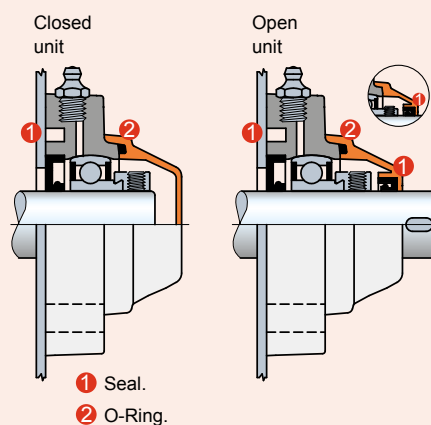


- Type A (grub screws shaft locking)
- Type D (eccentric collar shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### • Series UCF/C • Type A Grub screws shaft locking



### • Series HCF/C • Type D Eccentric collar shaft locking



# UCF/C - SUCF/C - HCF/C - SHCF/C

|                                              |            | Housing material                                                      |                  |     |    |      |      |      |      |    |                                      |      |         |              |                                |  |  |
|----------------------------------------------|------------|-----------------------------------------------------------------------|------------------|-----|----|------|------|------|------|----|--------------------------------------|------|---------|--------------|--------------------------------|--|--|
| dia.<br>d<br>mm                              | Series     | Polyamide<br>PA FV<br>Standard Flange<br>(black)<br>Cover<br>(orange) | Dimensions in mm |     |    |      |      |      |      |    | Bore in<br>frame <sup>2)</sup><br>Df |      | Bearing | Weight<br>Kg | Spare parts<br>Cover<br>orange |  |  |
|                                              |            | Code                                                                  | e                | a   | s  | g    | i    | z    | t    | Dg | max.                                 | min. |         |              | Code                           |  |  |
| Grub screws shaft locking • Closed unit      |            |                                                                       |                  |     |    |      |      |      |      |    |                                      |      |         |              |                                |  |  |
| 25                                           | UCF 205 C  | 64573                                                                 | 70               | 98  | 11 | 22,5 | 16,8 | 36,3 | 49,5 | 52 | 50                                   | 45   | Type A  | 0,40         | 681952                         |  |  |
| 30                                           | UCF 206 C  | 63112                                                                 | 83               | 110 | 11 | 26   | 20   | 42   | 56   | 62 | 60                                   | 50   | Type A  | 0,56         | 63154                          |  |  |
| 35                                           | UCF 207 C  | 64018                                                                 | 92               | 120 | 11 | 26   | 19,5 | 43   | 59   | 72 | 70                                   | 55   | Type A  | 0,72         | 682022                         |  |  |
| 35*                                          | SUCF 207 C | 680522 <sup>1)</sup>                                                  | 83               | 110 | 11 | 26   | 19,5 | 43   | 61   | 72 | 70                                   | 55   | Type A  | 0,67         | 63539                          |  |  |
| 40                                           | UCF 208 C  | 68916                                                                 | 102              | 131 | 11 | 30   | 22   | 47   | 65,5 | 80 | 78                                   | 65   | Type A  | 0,95         | 63539                          |  |  |
| 40*                                          | SUCF 208 C | 61819                                                                 | 83               | 110 | 11 | 26   | 19   | 44   | 66   | 80 | 78                                   | 65   | Type A  | 0,88         | 600882                         |  |  |
| Grub screws shaft locking • Open unit        |            |                                                                       |                  |     |    |      |      |      |      |    |                                      |      |         |              |                                |  |  |
| 25                                           | UCF 205 C  | 64623                                                                 | 70               | 98  | 11 | 22,5 | 16,8 | 36,3 | 49,5 | 52 | 50                                   | 45   | Type A  | 0,40         | 681972                         |  |  |
| 30                                           | UCF 206 C  | 63172                                                                 | 83               | 110 | 11 | 26   | 20   | 42   | 56   | 62 | 60                                   | 50   | Type A  | 0,56         | 69965                          |  |  |
| 35                                           | UCF 207 C  | 64028                                                                 | 92               | 120 | 11 | 26   | 19,5 | 43   | 59   | 72 | 70                                   | 55   | Type A  | 0,72         | 682032                         |  |  |
| 35*                                          | SUCF 207 C | 680582 <sup>1)</sup>                                                  | 83               | 110 | 11 | 26   | 19,5 | 43   | 61   | 72 | 70                                   | 55   | Type A  | 0,67         | 615692                         |  |  |
| 40                                           | UCF 208 C  | 68926                                                                 | 102              | 131 | 11 | 30   | 22   | 47   | 65,5 | 80 | 78                                   | 65   | Type A  | 0,95         | 63549                          |  |  |
| 40*                                          | SUCF 208 C | 61829                                                                 | 83               | 110 | 11 | 26   | 19   | 44   | 66   | 80 | 78                                   | 65   | Type A  | 0,88         | 600892                         |  |  |
| Eccentric collar shaft locking • Closed unit |            |                                                                       |                  |     |    |      |      |      |      |    |                                      |      |         |              |                                |  |  |
| 40*                                          | SHCF 208 C | 62439                                                                 | 83               | 110 | 11 | 26   | 19   | 51,7 | 66   | 80 | 78                                   | 65   | Type D  | 1,07         | 600882                         |  |  |
| Eccentric collar shaft locking • Open unit   |            |                                                                       |                  |     |    |      |      |      |      |    |                                      |      |         |              |                                |  |  |
| 40*                                          | SHCF 208 C | 62449                                                                 | 83               | 110 | 11 | 26   | 19   | 51,7 | 66   | 80 | 78                                   | 65   | Type D  | 1,07         | 600892                         |  |  |

\* = Version with special fixing holes.

<sup>1)</sup> = Solid flange.

<sup>2)</sup> = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

Packaging: 4 pieces.

# Square flange bearing units

UCF/CL - SUCF/CL - HCF/CL - SHCF/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 B56 to calculate the grease life)

## Grub screws or eccentric collar shaft locking

## PA FV polyamide housing

High mechanical and heat resistance. Proof to dust, average aggressive chemical agents.

## Solid flange bearings

They differ from standard flange versions for their closed surface structure, ideal for sanification.

## Material

### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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.

## Continuous operating temperature

in air: - 20 to + 60°C.

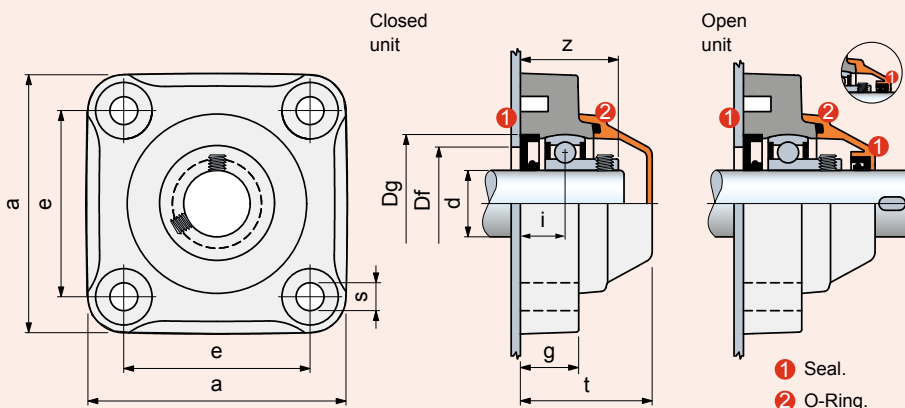
## Maximum allowed misalignment: 2°.

## Bearing



- Type A (grub screws shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease, no need for re-lubrication.

## • Series UCF/CL • Type A Grub screws shaft locking



# UCF/CL - SUCF/CL - HCF/CL - SHCF/CL

| dia.<br>d<br>mm                              | Series      | Housing material                                                      |      | e   | a  | s  | Dimensions in mm |      |    |    | Dg | Bore in frame<br>Df |        | Bearing | Weight<br>Kg | Spare parts<br>Cover orange |  |
|----------------------------------------------|-------------|-----------------------------------------------------------------------|------|-----|----|----|------------------|------|----|----|----|---------------------|--------|---------|--------------|-----------------------------|--|
|                                              |             | Polyamide<br>PA FV<br>Standard Flange<br>(black)<br>Cover<br>(orange) | Code |     |    |    | g                | i    | z  | t  |    | max.                | min.   |         |              | Code                        |  |
|                                              |             |                                                                       |      |     |    |    |                  |      |    |    |    |                     |        |         |              |                             |  |
| Grub screws shaft locking • Closed unit      |             |                                                                       |      |     |    |    |                  |      |    |    |    |                     |        |         |              |                             |  |
| 40*                                          | SUCF 208 CL | 61819L                                                                | 83   | 110 | 11 | 26 | 19               | 44   | 66 | 80 | 78 | 65                  | Type A | 0,88    | 600882       |                             |  |
| Grub screws shaft locking • Open unit        |             |                                                                       |      |     |    |    |                  |      |    |    |    |                     |        |         |              |                             |  |
| 40*                                          | SUCF 208 CL | 61829L                                                                | 83   | 110 | 11 | 26 | 19               | 44   | 66 | 80 | 78 | 65                  | Type A | 0,88    | 600892       |                             |  |
| Eccentric collar shaft locking • Closed unit |             |                                                                       |      |     |    |    |                  |      |    |    |    |                     |        |         |              |                             |  |
| 40*                                          | SHCF 208 CL | 62439L                                                                | 83   | 110 | 11 | 26 | 19               | 51,7 | 66 | 80 | 78 | 65                  | Type D | 1,07    | 600882       |                             |  |
| Eccentric collar shaft locking • Open unit   |             |                                                                       |      |     |    |    |                  |      |    |    |    |                     |        |         |              |                             |  |
| 40*                                          | SHCF 208 CL | 62449L                                                                | 83   | 110 | 11 | 26 | 19               | 51,7 | 66 | 80 | 78 | 65                  | Type D | 1,07    | 600892       |                             |  |

\* = Version with special fixing holes.

Packaging: 4 pieces.

# Square flange bearing units

**UCF - SUCF - HCF - SHCF**



Accessories

## Material

### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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

- Type B (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring)
- Type C (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring)
- Type A (grub screws shaft locking, chrome alloy steel, Superagriseal unit)
- Type D (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 Type B

The double ring guarantees maximum protection against dust and non-corrosive substances.

### Version with stainless steel bearing Type C

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 Type A

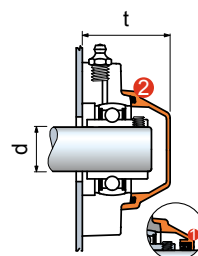
The rubberised ring guarantees maximum protection against dusts.

## Material

Polyamide PA FV guarantees maximum strength and high-temperature resistance.

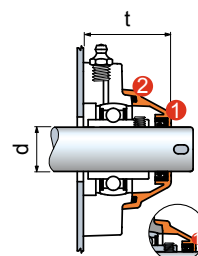
## Protection covers (accessories)

### Closed cover



Dia 45/50 supplied without o-ring

### Open cover



Dia 45/50 supplied without o-ring

① Seals.

② Seals O-Ring.

## Accessories

Cover orange

Code

t mm

### Closed cover supplied with seals

| dia. d mm    | Code   | t mm |
|--------------|--------|------|
| 25           | 681952 | 49,5 |
| 25*          | 681952 | 54   |
| 30           | 63154  | 56   |
| 35           | 682022 | 59   |
| 35* Standard | 63154  | 54,6 |
| 40*          | 600882 | 66   |

### Open cover supplied with seals

| dia. d mm | Code   | t mm |
|-----------|--------|------|
| 25        | 681972 | 49,5 |
| 25*       | 681972 | 54   |
| 30        | 69965  | 56   |
| 35        | 682032 | 59   |
| 35* Solid | 615692 | 61   |
| 40        | 63549  | 65,5 |

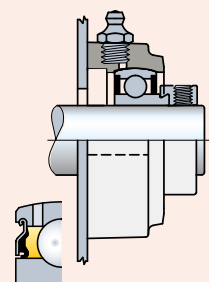
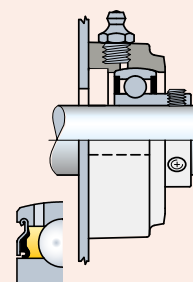
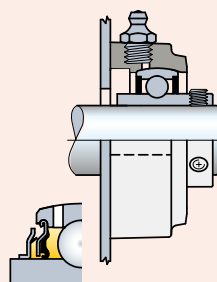
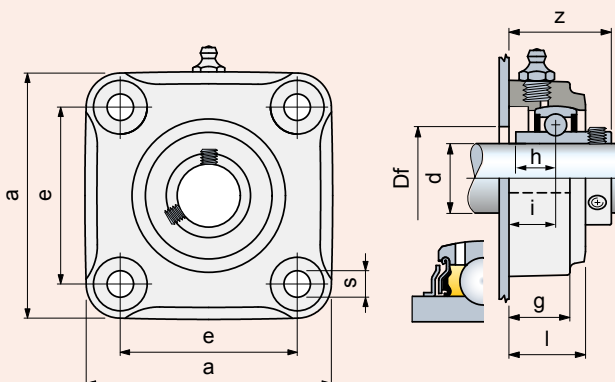
\* = Version with special fixing holes.

## • Series UCF • Type B Grub screws shaft locking

## • Series UCF • Type C Grub screws shaft locking

## • Series UCF • Type A Grub screws shaft locking

## • Series HCF • Type D Eccentric collar shaft locking



# UCF - SUCF - HCF - SHCF

| dia.<br>d<br>mm                                                         | Series   | Housing material                                 |                  |     |    |      |      |      |      |      |    | Bore in<br>frame<br>Df<br>mm | Bearing | Weight<br>Kg |
|-------------------------------------------------------------------------|----------|--------------------------------------------------|------------------|-----|----|------|------|------|------|------|----|------------------------------|---------|--------------|
|                                                                         |          | Polyamide<br>PA FV<br>Standard Flange<br>(black) | Dimensions in mm |     |    |      |      |      |      |      |    |                              |         |              |
|                                                                         |          |                                                  | Code             | e   | a  | s    | g    | i    | h    | l    | z  |                              |         |              |
| Grub screws shaft locking • Version with bearing Type B                 |          |                                                  |                  |     |    |      |      |      |      |      |    |                              |         |              |
| 25                                                                      | UCF 205  | 64533                                            | 70               | 98  | 11 | 22,5 | 16,8 | 14,3 | 27,5 | 36,5 | 29 | Type B                       | 0,44    |              |
| 30                                                                      | UCF 206  | 60722                                            | 83               | 110 | 11 | 26   | 20   | 15,9 | 32,5 | 42,2 | 34 | Type B                       | 0,57    |              |
| 35                                                                      | UCF 207  | 64058                                            | 92               | 120 | 11 | 26   | 19,5 | 17,5 | 32   | 44,9 | 39 | Type B                       | 0,72    |              |
| Grub screws shaft locking • Version with stainless steel bearing Type C |          |                                                  |                  |     |    |      |      |      |      |      |    |                              |         |              |
| 25                                                                      | UCF 205  | 646592                                           | 70               | 98  | 11 | 22,5 | 16,8 | 14,3 | 27,5 | 36,6 | 29 | Type C                       | 0,44    |              |
| 30                                                                      | UCF 206  | 646602                                           | 83               | 110 | 11 | 26   | 20   | 15,9 | 32,5 | 42,2 | 34 | Type C                       | 0,57    |              |
| Grub screws shaft locking • Version with bearing Type A                 |          |                                                  |                  |     |    |      |      |      |      |      |    |                              |         |              |
| 25                                                                      | UCF 205  | 656752                                           | 70               | 98  | 11 | 22,5 | 16,8 | -    | 27,5 | 36,3 | 29 | Type A                       | 0,39    |              |
| 30                                                                      | UCF 206  | 666442                                           | 83               | 110 | 11 | 26   | 20   | -    | 32,5 | 42   | 34 | Type A                       | 0,54    |              |
| 35                                                                      | UCF 207  | 666452                                           | 92               | 120 | 11 | 26   | 19,5 | -    | 32   | 43   | 39 | Type A                       | 0,69    |              |
| 40                                                                      | UCF 208  | 666462                                           | 102              | 131 | 11 | 30   | 22   | -    | 36   | 47   | 44 | Type A                       | 0,92    |              |
| 40*                                                                     | SUCF 208 | 681552                                           | 83               | 110 | 11 | 26   | 19   | -    | 36   | 44   | 44 | Type A                       | 0,85    |              |
| Eccentric collar shaft locking • Version with bearing Type D            |          |                                                  |                  |     |    |      |      |      |      |      |    |                              |         |              |
| 40*                                                                     | SHCF 208 | 62349                                            | 83               | 110 | 11 | 26   | 19   | -    | 36   | 51,7 | 44 | Type D                       | 1,04    |              |

**Item code for order = B0000 + Code**

**\* = Version with special fixing holes.**

<sup>1)</sup> = Solid flange.

• = Solid flange 19,5.

Packaging: 4 pieces.

# Square flange bearing units

UCFS/C - SUCFS/C - HCFS/C - SHCFS/C

Austenitic stainless steel surface

Waterproof housing

Grub screws or eccentric collar shaft locking

Solid flange

Closed surface structure.



## Material

- Housing in reinforced polyamide PA FV 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.

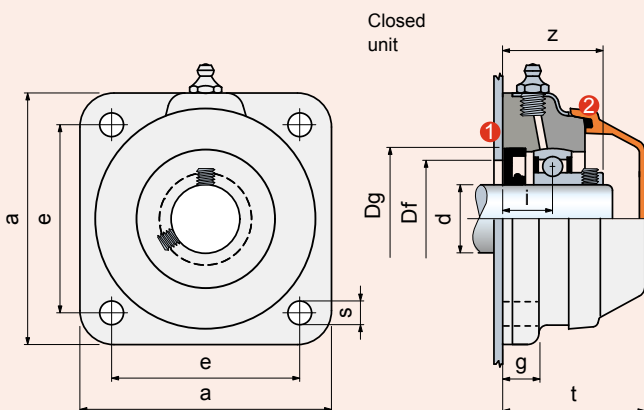
## Maximum allowed misalignment: 2°.

## Bearing

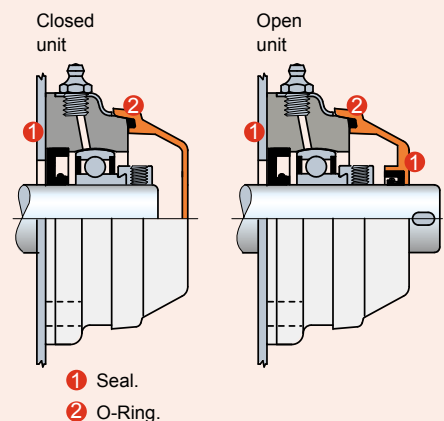


- Type A (grub screws shaft locking)
- Type D (eccentric collar shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### • Series UCFS/C • Type A Grub screws shaft locking



### • Series HCFS/C • Type D Eccentric collar shaft locking



# UCFS/C - SUCFS/C - HCFS/C - SHCFS/C

|                                              |             | Housing material                                                                                               |    |     |      |      |    |      |      |    |      |      |         | Bore in frame <sup>1)</sup><br>Df |        | Spare parts<br>Cover orange |  |
|----------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------|----|-----|------|------|----|------|------|----|------|------|---------|-----------------------------------|--------|-----------------------------|--|
| dia.<br>d<br>mm                              | Series      | Polyamide<br>PA FV with austenitic<br>stainless steel<br>surface<br>Solid Flange<br>Cover (orange)<br><br>Code | e  | a   | s    | g    | i  | z    | t    | Dg | max. | min. | Bearing | Weight<br>Kg                      | Code   |                             |  |
| Grub screws shaft locking • Closed unit      |             |                                                                                                                |    |     |      |      |    |      |      |    |      |      |         |                                   |        |                             |  |
| 30                                           | UCFS 206 C  | 647613                                                                                                         | 83 | 111 | 10,5 | 15,9 | 22 | 44   | 65,8 | 62 | 60   | 50   | Type A  | 0,73                              | 63539  |                             |  |
| 35*                                          | SUCFS 207 C | 647623                                                                                                         | 83 | 111 | 10,5 | 15,9 | 22 | 45,5 | 65,8 | 72 | 70   | 55   | Type A  | 0,84                              | 63539  |                             |  |
| 40*                                          | SUCFS 208 C | 647633                                                                                                         | 83 | 111 | 10,5 | 15,9 | 22 | 47   | 65,8 | 80 | 78   | 65   | Type A  | 0,94                              | 63539  |                             |  |
| Grub screws shaft locking • Open unit        |             |                                                                                                                |    |     |      |      |    |      |      |    |      |      |         |                                   |        |                             |  |
| 30                                           | UCFS 206 C  | 647643                                                                                                         | 83 | 111 | 10,5 | 15,9 | 22 | 44   | 65,8 | 62 | 60   | 50   | Type A  | 0,73                              | 615682 |                             |  |
| 35*                                          | SUCFS 207 C | 647653                                                                                                         | 83 | 111 | 10,5 | 15,9 | 22 | 45,5 | 65,8 | 72 | 70   | 55   | Type A  | 0,84                              | 615692 |                             |  |
| 40*                                          | SUCFS 208 C | 647663                                                                                                         | 83 | 111 | 10,5 | 15,9 | 22 | 47   | 65,8 | 80 | 78   | 65   | Type A  | 0,94                              | 63549  |                             |  |
| Eccentric collar shaft locking • Closed unit |             |                                                                                                                |    |     |      |      |    |      |      |    |      |      |         |                                   |        |                             |  |
| 40*                                          | SHCFS 208 C | 647693                                                                                                         | 83 | 111 | 10,5 | 15,9 | 19 | 51,7 | 65,8 | 80 | 78   | 65   | Type D  | 1,00                              | 63539  |                             |  |
| Eccentric collar shaft locking • Open unit   |             |                                                                                                                |    |     |      |      |    |      |      |    |      |      |         |                                   |        |                             |  |
| 40*                                          | SHCFS 208 C | 647723                                                                                                         | 83 | 111 | 10,5 | 15,9 | 19 | 51,7 | 65,8 | 80 | 78   | 65   | Type D  | 1,00                              | 63549  |                             |  |

\* = Version with special fixing holes.

<sup>1)</sup> = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

Packaging: 4 pieces.

# Square flange bearing units

**F - SF**



**Waterproof housing**

**Shaft shoulders locking**

High axial load capacity.

**PA FV polyamide housing**

High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.

## Material

### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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.

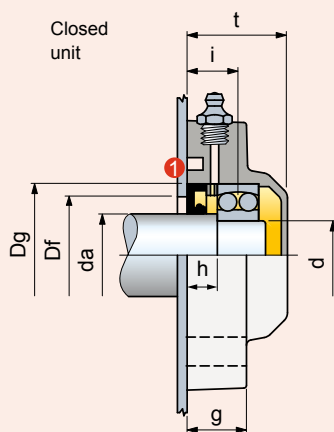
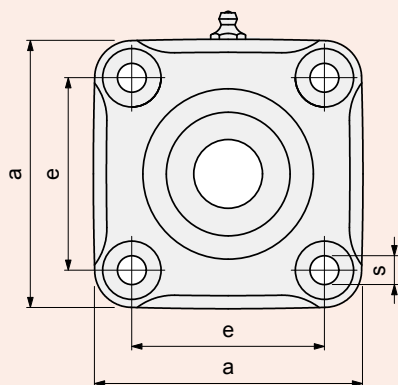
## Continuous operating temperature

in air: - 20 to + 60°C.

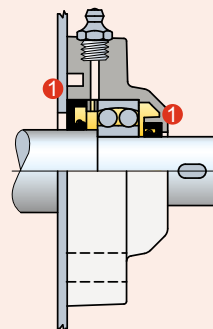
## Maximum allowed misalignment: 2°.

## Bearing

- Type 1200 self aligning ball bearing
- Chrome alloy steel
- Supplied without grease
- To be prelubricated with lithium / calcium grease during first installation.



Open unit



1 Seal.

| Shaft<br>dia.<br><b>da</b><br>mm | Bearing<br>dia.<br><b>d</b><br>mm | Series | Housing material                                 |      |    |    |      |                  |    |      |    |    | Bore in<br>frame <sup>1)</sup><br>Df |           | Bearing | Weight<br>Kg |
|----------------------------------|-----------------------------------|--------|--------------------------------------------------|------|----|----|------|------------------|----|------|----|----|--------------------------------------|-----------|---------|--------------|
|                                  |                                   |        | Polyamide<br>PA FV<br>Standard Flange<br>(black) | Code | e  | a  | s    | Dimensions in mm |    |      |    | Dg | max.                                 | min.      |         |              |
|                                  |                                   |        |                                                  |      |    |    |      | g                | i  | h    | t  |    |                                      |           |         |              |
|                                  |                                   |        |                                                  |      |    |    |      |                  |    |      |    |    |                                      |           |         |              |
| Closed unit                      |                                   |        |                                                  |      |    |    |      |                  |    |      |    |    |                                      |           |         |              |
| 30                               | 25                                | F 1205 | 64433                                            | 70   | 98 | 11 | 22,5 | 18,5             | 11 | 36,5 | 52 | 50 | 47                                   | Type 1200 | 0,36    |              |
| Open unit                        |                                   |        |                                                  |      |    |    |      |                  |    |      |    |    |                                      |           |         |              |
| 30                               | 25                                | F 1205 | 64483                                            | 70   | 98 | 11 | 22,5 | 18,5             | 11 | 36,5 | 52 | 50 | 47                                   | Type 1200 | 0,36    |              |

**Item code for order = B0000 + Code**

<sup>1)</sup> = 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.

# Oval flange bearing units

UCFLN/C - SUCFLN/C - HCFLN/C - SHCFLN/C



**Waterproof housing**

**Grub screws or eccentric collar shaft locking**

**PA FV polyamide housing**

High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.

**Solid flange bearings**

Closed surface structure, ideal for sanification.

## Material

### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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

## Continuous operating temperature

in air: - 20 to + 60°C.

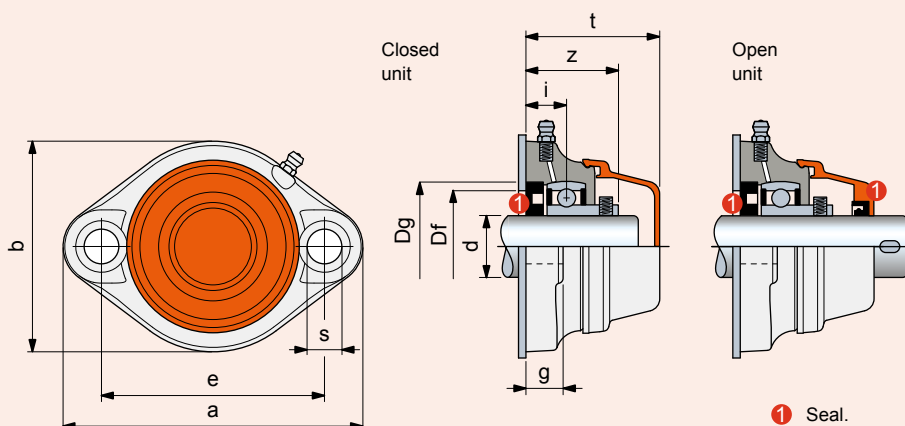
## Maximum allowed misalignment: 2°.

## Bearing



- Type A (grub screws shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

## • Series UCFLN/C • Type A Grub screws shaft locking



# UCFLN/C - SUCFLN/C - HCFLN/C - SHCFLN/C

| dia.<br>d<br>mm                         | Series       | Housing material                                                   |      | Dimensions in mm |     |    |    |    |    |    |    |    |      | Bore in frame <sup>1)</sup><br>Df |        | Bearing | Weight<br>Kg | Spare parts<br>Cover<br>orange |  |
|-----------------------------------------|--------------|--------------------------------------------------------------------|------|------------------|-----|----|----|----|----|----|----|----|------|-----------------------------------|--------|---------|--------------|--------------------------------|--|
|                                         |              | Polyamide<br>PA FV<br>Solid Flange<br>(black)<br>Cover<br>(orange) | Code | e                | a   | b  | s  | g  | i  | z  | t  | Dg | max. | min.                              | Code   |         |              |                                |  |
|                                         |              |                                                                    |      |                  |     |    |    |    |    |    |    |    |      |                                   |        |         |              |                                |  |
| Grub screws shaft locking • Closed unit |              |                                                                    |      |                  |     |    |    |    |    |    |    |    |      |                                   |        |         |              |                                |  |
| 30*                                     | SUCFLN 206 C | 625933                                                             |      | 90               | 122 | 85 | 11 | 15 | 15 | 37 | 54 | 62 | 60   | 50                                | Type A | 0,37    | 626203       |                                |  |
| Grub screws shaft locking • Open unit   |              |                                                                    |      |                  |     |    |    |    |    |    |    |    |      |                                   |        |         |              |                                |  |
| 30*                                     | SUCFLN 206 C | 625953                                                             |      | 90               | 122 | 85 | 11 | 15 | 15 | 37 | 54 | 62 | 60   | 50                                | Type A | 0,37    | 626223       |                                |  |

\* = Version with special fixing holes.

<sup>1)</sup> = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

Packaging: 4 pieces.

# Oval flange bearing units

## UCFLN - SUCFLN - HCFLN - SHCFLN



Accessories

- **Material**  
PA FV polyamide housing
  - Housing in reinforced polyamide PA FV 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**
  - Type B (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring)
  - Type C (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring)
  - Type A (grub screws 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 Type B

The double ring guarantees maximum protection against dust and non-corrosive substances.

#### Version with stainless steel bearing Type C

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 Type A

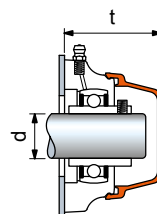
The rubberised ring guarantees maximum protection against dusts.

#### Material

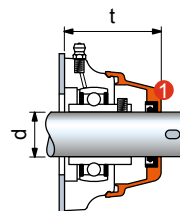
Polyamide PA FV guarantees maximum strength and high-temperature resistance.

### Protection covers (accessories)

#### Closed cover



#### Open cover



1 Seals.

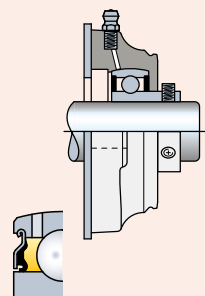
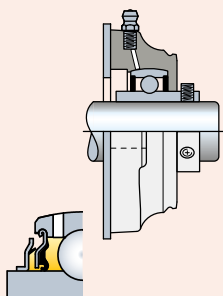
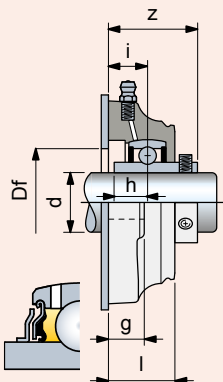
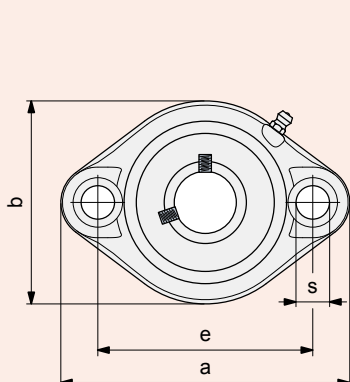
| dia.<br>d<br>mm                       | Accessories<br>Cover<br>orange | t<br>mm |      |
|---------------------------------------|--------------------------------|---------|------|
|                                       | Code                           | UCFL    | HCFL |
| <b>Closed cover supplied</b>          |                                |         |      |
| 30                                    | 63154                          | 55      | 55   |
| <b>Open cover supplied with seals</b> |                                |         |      |
| 30*                                   | 626203/626223                  | 54      | 54   |

\* = Version with special fixing holes.

#### • Series UCFLN • Type B Grub screws shaft locking

#### • Series UCFLN • Type C Grub screws shaft locking

#### • Series UCFLN • Type A Grub screws shaft locking



# UCFLN - SUCFLN - HCFLN - SHCFLN

| dia.<br>d<br>mm                                                         | Series     | Housing material                              |                  |     |    |    |    |    |      |    |      | Bore in<br>frame<br>Df<br>mm | Bearing | Weight<br>Kg |
|-------------------------------------------------------------------------|------------|-----------------------------------------------|------------------|-----|----|----|----|----|------|----|------|------------------------------|---------|--------------|
|                                                                         |            | Polyamide<br>PA FV<br>Solid Flange<br>(black) | Dimensions in mm |     |    |    |    |    |      |    |      |                              |         |              |
|                                                                         |            | Code                                          | e                | a   | b  | s  | g  | i  | h    | l  | z    |                              |         |              |
| Grub screws shaft locking • Version with bearing Type B                 |            |                                               |                  |     |    |    |    |    |      |    |      |                              |         |              |
| 30*                                                                     | SUCFLN 206 | 633603                                        | 90               | 122 | 85 | 11 | 15 | 15 | 15,9 | 28 | 37,2 | 45                           | Type B  | 0,29         |
| Grub screws shaft locking • Version with stainless steel bearing Type C |            |                                               |                  |     |    |    |    |    |      |    |      |                              |         |              |
| 30*                                                                     | SUCFLN 206 | 633643                                        | 90               | 122 | 85 | 11 | 15 | 15 | 15,9 | 28 | 37,2 | 45                           | Type C  | 0,29         |
| Grub screws shaft locking • Version with bearing Type A                 |            |                                               |                  |     |    |    |    |    |      |    |      |                              |         |              |
| 30*                                                                     | SUCFLN 206 | 633693                                        | 90               | 122 | 85 | 11 | 15 | 15 | -    | 28 | 37   | 34                           | Type A  | 0,29         |

**Item code for order = B0000 + Code**

\* = Version with special fixing holes.

Packaging: 4 pieces.

# Oval flange bearing units

UCFL/C - SUCFL/C - HCFL/C - SHCFL/C



**Waterproof housing**

**Grub screws or eccentric collar shaft locking**

**PA FV polyamide housing**

High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.

**Solid flange bearings**

They differ from standard flange versions for their closed surface structure, ideal for sanification.

## Material

### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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

## Continuous operating temperature

in air: - 20 to + 60°C.

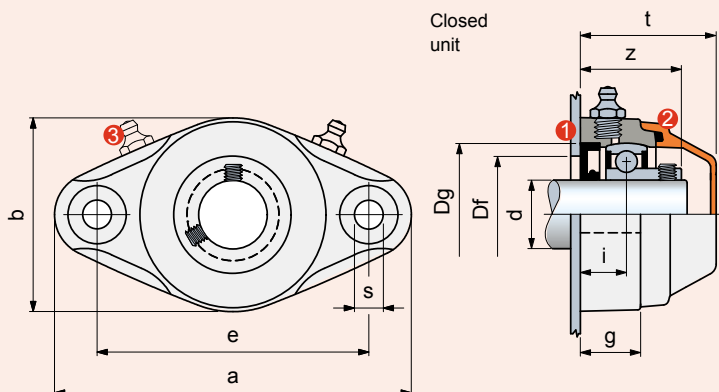
## Maximum allowed misalignment: 2°.

## Bearing

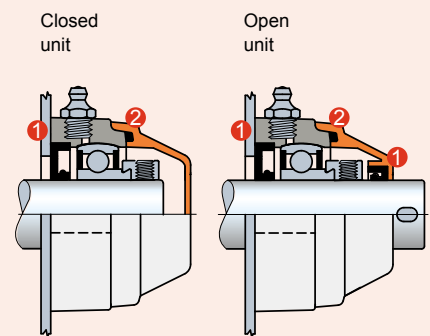


- Type A (grub screws shaft locking)
- Type D (eccentric collar shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### • Series UCFL/C • Type A Grub screws shaft locking



### • Series HCFL/C • Type D Eccentric collar shaft locking



1 Seal.

2 O-Ring.

3 Only for series 206

# UCFL/C - SUCFL/C - HCFL/C - SHCFL/C

|                                              |             | Housing material                                                      |                  |     |     |    |      |      |      |      |    |      |                                      |        |         |              |                                |
|----------------------------------------------|-------------|-----------------------------------------------------------------------|------------------|-----|-----|----|------|------|------|------|----|------|--------------------------------------|--------|---------|--------------|--------------------------------|
| dia.<br>d<br>mm                              | Series      | Polyamide<br>PA FV<br>Standard Flange<br>(black)<br>Cover<br>(orange) | Dimensions in mm |     |     |    |      |      |      |      |    |      | Bore in<br>frame <sup>2)</sup><br>Df |        | Bearing | Weight<br>Kg | Spare parts<br>Cover<br>orange |
|                                              |             | Code                                                                  | e                | a   | b   | s  | g    | i    | z    | t    | Dg | max. | min.                                 | Code   |         |              |                                |
|                                              |             |                                                                       |                  |     |     |    |      |      |      |      |    |      |                                      |        |         |              |                                |
| Grub screws shaft locking • Closed unit      |             |                                                                       |                  |     |     |    |      |      |      |      |    |      |                                      |        |         |              |                                |
| 20                                           | UCFL 204 C  | 69016                                                                 | 90               | 116 | 62  | 11 | 20   | 15,2 | 33,2 | 46   | 47 | 45   | 40                                   | Type A | 0,25    | 681942       |                                |
| 25                                           | UCFL 205 C  | 68523                                                                 | 99               | 130 | 71  | 11 | 22,5 | 16,8 | 36,3 | 49,5 | 52 | 50   | 45                                   | Type A | 0,33    | 681952       |                                |
| 30                                           | UCFL 206 C  | 68399                                                                 | 117              | 148 | 85  | 11 | 26   | 20   | 42   | 56   | 62 | 60   | 50                                   | Type A | 0,42    | 63154        |                                |
| 35                                           | UCFL 207 C  | 648131                                                                | 130              | 162 | 93  | 11 | 26   | 19,5 | 43   | 59   | 72 | 70   | 55                                   | Type A | 0,65    | 682022       |                                |
| 40                                           | UCFL 208 C  | 672411                                                                | 144              | 176 | 102 | 11 | 30   | 22   | 47   | 65,5 | 80 | 78   | 65                                   | Type A | 0,90    | 63539        |                                |
| 40*                                          | SUCFL 208 C | 697712 <sup>1)</sup>                                                  | 117              | 148 | 112 | 11 | 26   | 19   | 44   | 62   | 80 | 78   | 65                                   | Type A | 0,74    | 63539        |                                |
| Grub screws shaft locking • Open unit        |             |                                                                       |                  |     |     |    |      |      |      |      |    |      |                                      |        |         |              |                                |
| 20                                           | UCFL 204 C  | 69026                                                                 | 90               | 116 | 62  | 11 | 20   | 15,2 | 33,2 | 46   | 47 | 45   | 40                                   | Type A | 0,25    | 681962       |                                |
| 25                                           | UCFL 205 C  | 68533                                                                 | 99               | 130 | 71  | 11 | 22,5 | 16,8 | 36,3 | 49,5 | 52 | 50   | 45                                   | Type A | 0,33    | 681972       |                                |
| 30                                           | UCFL 206 C  | 68409                                                                 | 117              | 148 | 85  | 11 | 26   | 20   | 42   | 56   | 62 | 60   | 50                                   | Type A | 0,42    | 69965        |                                |
| 35                                           | UCFL 207 C  | 648141                                                                | 130              | 162 | 93  | 11 | 26   | 19,5 | 43   | 59   | 72 | 70   | 55                                   | Type A | 0,65    | 682032       |                                |
| 40                                           | UCFL 208 C  | 672421                                                                | 144              | 176 | 102 | 11 | 30   | 22   | 47   | 65,5 | 80 | 78   | 65                                   | Type A | 0,90    | 63549        |                                |
| 40*                                          | SUCFL 208 C | 697732 <sup>1)</sup>                                                  | 117              | 148 | 112 | 11 | 26   | 19   | 44   | 62   | 80 | 78   | 65                                   | Type A | 0,74    | 63549        |                                |
| Eccentric collar shaft locking • Closed unit |             |                                                                       |                  |     |     |    |      |      |      |      |    |      |                                      |        |         |              |                                |
| 40*                                          | SHCFL 208 C | 697752 <sup>1)</sup>                                                  | 117              | 148 | 112 | 11 | 26   | 19   | 51,7 | 68   | 80 | 78   | 65                                   | Type D | 0,93    | 600882       |                                |
| Eccentric collar shaft locking • Open unit   |             |                                                                       |                  |     |     |    |      |      |      |      |    |      |                                      |        |         |              |                                |
| 40*                                          | SHCFL 208 C | 697772                                                                | 117              | 148 | 112 | 11 | 26   | 19   | 51,7 | 68   | 80 | 78   | 65                                   | Type D | 0,93    | 600892       |                                |

\* = Version with special fixing holes.

SUCFL206C/SHCFL206C: Assembly with cylindrical head screws.

<sup>1)</sup> = Solid flange.

<sup>2)</sup> = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

Packaging: 4 pieces.

# Oval flange bearing units

UCFL - SUCFL - HCFL - SHCFL



Accessories

- Material**  
PA FV polyamide housing
  - Housing in reinforced polyamide PA FV 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**
  - Type B (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring)
  - Type C (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring)
  - Type A (grub screws shaft locking, chrome alloy steel, Superagriseal unit)
  - Type D (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 Type B

The double ring guarantees maximum protection against dust and non-corrosive substances.

### Version with stainless steel bearing Type C

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 Type A

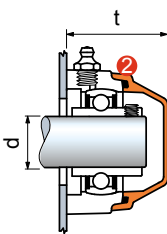
The rubberised ring guarantees maximum protection against dusts.

### Material

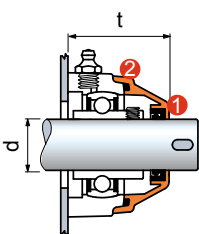
Polyamide PA FV guarantees maximum strength and high-temperature resistance.

## Protection covers (accessories)

### Closed cover



### Open cover



| dia.<br>d<br>mm                         | Accessories<br>Cover<br>orange | t<br>mm |      |
|-----------------------------------------|--------------------------------|---------|------|
|                                         | Code                           | UCFL    | HCFL |
| <b>Closed cover supplied with seals</b> |                                |         |      |
| 17*                                     | 681942                         | 46      | 49   |
| 20                                      | 681942                         | 46      | 49   |
| 25                                      | 681952                         | 49,5    | 49,5 |
| 25*                                     | 681952                         | 49,5    | 49,5 |
| 30                                      | 63154                          | 55      | 55   |
| 30*                                     | 63154                          | 55      | 55   |
| 35                                      | 682022                         | 59      | 59   |
| 40 <sup>2)</sup>                        | 600882                         | -       | 71   |
| <b>Open cover supplied with seals</b>   |                                |         |      |
| 17*                                     | 696162                         | 46      | 49   |
| 25                                      | 681972                         | 49,5    | 49,5 |
| 25*                                     | 681972                         | 49,5    | 49,5 |
| 30                                      | 69965                          | 55      | 55   |
| 30*                                     | 69965                          | 55      | 55   |
| 35                                      | 682032                         | 59      | 59   |
| 35*                                     | 615692                         | 62      | 62   |
| 40 <sup>1)</sup>                        | 63549                          | 65,5    | -    |

- 1 Seals.
- 2 Seals O-Ring.
- 3 Only for series 206

\* = Version with special fixing holes.

<sup>1)</sup> = Protection cover for bearing unit with grub screws shaft locking.

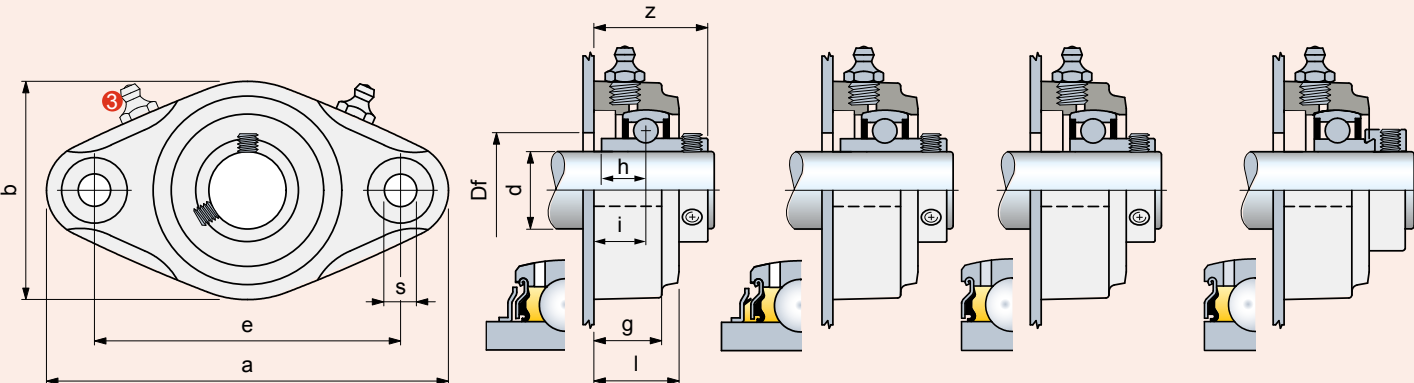
<sup>2)</sup> = Protection cover for bearing unit with eccentric collar shaft locking.

• Series UCFL • Type B  
Grub screws shaft locking

• Series UCFL • Type C  
Grub screws shaft locking

• Series UCFL • Type A  
Grub screws shaft locking

• Series HCFL • Type D  
Eccentric collar shaft locking



# UCFL - SUCFL - HCFL - SHCFL

| dia.<br>d<br>mm                                                         | Series    | Housing material                                 |     | Dimensions in mm |     |    |      |      |      |      |      |    | Bore in<br>frame<br>Df<br>mm | Bearing | Weight<br>Kg |
|-------------------------------------------------------------------------|-----------|--------------------------------------------------|-----|------------------|-----|----|------|------|------|------|------|----|------------------------------|---------|--------------|
|                                                                         |           | Polyamide<br>PA FV<br>Standard Flange<br>(black) |     |                  |     |    |      |      |      |      |      |    |                              |         |              |
|                                                                         |           | Code                                             | e   | a                | b   | s  | g    | i    | h    | l    | z    |    |                              |         |              |
| Grub screws shaft locking • Version with bearing Type B                 |           |                                                  |     |                  |     |    |      |      |      |      |      |    |                              |         |              |
| 20                                                                      | UCFL 204  | 69056                                            | 90  | 116              | 62  | 11 | 20   | 15,2 | 12,7 | 25   | 33,5 | 24 | Type B                       | 0,25    |              |
| 25                                                                      | UCFL 205  | 68563                                            | 99  | 130              | 71  | 11 | 22,5 | 16,8 | 14,3 | 27,5 | 36,5 | 29 | Type B                       | 0,31    |              |
| 30                                                                      | UCFL 206  | 68439                                            | 117 | 148              | 85  | 11 | 26   | 19   | 15,9 | 32,5 | 42,2 | 34 | Type B                       | 0,44    |              |
| Grub screws shaft locking • Version with stainless steel bearing Type C |           |                                                  |     |                  |     |    |      |      |      |      |      |    |                              |         |              |
| 20                                                                      | UCFL 204  | 646542                                           | 90  | 116              | 62  | 11 | 20   | 15,2 | 12,7 | 25   | 33,5 | 24 | Type C                       | 0,25    |              |
| 25                                                                      | UCFL 205  | 646552                                           | 99  | 130              | 71  | 11 | 22,5 | 16,8 | 14,3 | 27,5 | 36,6 | 29 | Type C                       | 0,31    |              |
| 30                                                                      | UCFL 206  | 646562                                           | 117 | 148              | 85  | 11 | 26   | 19   | 15,9 | 32,5 | 42,2 | 34 | Type C                       | 0,44    |              |
| Grub screws shaft locking • Version with bearing Type A                 |           |                                                  |     |                  |     |    |      |      |      |      |      |    |                              |         |              |
| 20                                                                      | UCFL 204  | 655482                                           | 90  | 116              | 62  | 11 | 20   | 15,2 | -    | 25   | 33,2 | 24 | Type A                       | 0,23    |              |
| 25                                                                      | UCFL 205  | 655472                                           | 99  | 130              | 71  | 11 | 22,5 | 16,8 | -    | 27,5 | 36,3 | 29 | Type A                       | 0,31    |              |
| 30                                                                      | UCFL 206  | 666412                                           | 117 | 148              | 85  | 11 | 26   | 20   | -    | 32,5 | 42   | 34 | Type A                       | 0,39    |              |
| 40*                                                                     | SUCFL 208 | 602193 <sup>1)</sup>                             | 117 | 148              | 112 | 11 | 26   | 19   | -    | 33   | 44   | 44 | Type A                       | 0,91    |              |
| Eccentric collar shaft locking • Version with bearing Type D            |           |                                                  |     |                  |     |    |      |      |      |      |      |    |                              |         |              |
| 40*                                                                     | SHCFL 208 | 602213 <sup>1)</sup>                             | 117 | 148              | 112 | 11 | 26   | 19   | -    | 33   | 51,7 | 44 | Type D                       | 0,91    |              |

\* = Version with special fixing holes.

SUCFL/SHCFL: Assembly with cylindrical head screws.

<sup>1)</sup> = Solid flange.

Packaging: 4 pieces.

# Pillow block type bearing units

## UCP/C - HCP/C



### Waterproof housing

### Grub screws or eccentric collar shaft locking

### PA FV polyamide housing

High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.

### PP FV polypropylene housing

Proof to highly aggressive chemical agents. Inferior loading ability.

### Material

#### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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.

### Continuous operating temperature

in air: - 20 to + 60°C.

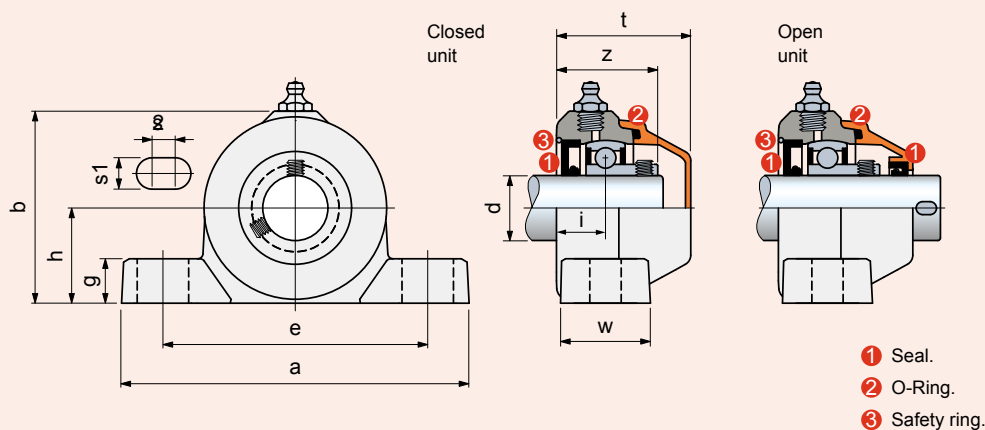
### Maximum allowed misalignment: 2°.

### Bearing



- Type A (grub screws shaft locking)
- Type D (eccentric collar shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### • Series UCP/C • Type A Grub screws shaft locking



| dia.<br>d<br>mm                         | Series    | Housing material                                             |                  |     |      |    |    |    |    |      |      |      |      |        | Bearing | Weight<br>Kg | Spare parts<br>Cover<br>orange |
|-----------------------------------------|-----------|--------------------------------------------------------------|------------------|-----|------|----|----|----|----|------|------|------|------|--------|---------|--------------|--------------------------------|
|                                         |           | Polyamide<br>PA FV<br>Flange<br>(black)<br>Cover<br>(orange) | Dimensions in mm |     |      |    |    |    |    |      |      |      |      |        |         |              |                                |
|                                         |           |                                                              | Code             | e   | a    | h  | b  | s1 | s2 | g    | w    | i    | z    | t      |         |              | Code                           |
|                                         |           |                                                              |                  |     |      |    |    |    |    |      |      |      |      |        |         |              |                                |
| Grub screws shaft locking • Closed unit |           |                                                              |                  |     |      |    |    |    |    |      |      |      |      |        |         |              |                                |
| 20                                      | UCP 204 C | 682941                                                       | 96               | 128 | 33,3 | 67 | 12 | 10 | 17 | 30   | 18,9 | 36,9 | 49,7 | Type A | 0,27    | 681942       |                                |
| 25                                      | UCP 205 C | 646511                                                       | 106              | 140 | 36,5 | 75 | 12 | 10 | 17 | 34,5 | 18,8 | 38,3 | 51,5 | Type A | 0,33    | 681952       |                                |
| Grub screws shaft locking • Open unit   |           |                                                              |                  |     |      |    |    |    |    |      |      |      |      |        |         |              |                                |
| 20                                      | UCP 204 C | 682931                                                       | 96               | 128 | 33,3 | 67 | 12 | 10 | 17 | 30   | 18,9 | 36,9 | 49,7 | Type A | 0,27    | 681962       |                                |
| 25                                      | UCP 205 C | 646521                                                       | 106              | 140 | 36,5 | 75 | 12 | 10 | 17 | 34,5 | 18,8 | 38,3 | 51,5 | Type A | 0,33    | 681972       |                                |

Packaging: 4 pieces.

# Pillow block type bearing units

## UCP - HCP



Accessories

### Grub screws or eccentric collar shaft locking

#### Version with bearing Type B

The double ring guarantees maximum protection against dust and non-corrosive substances.

#### Version with stainless steel bearing Type C

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 Type A

The rubberised ring guarantees maximum protection against dusts.

#### Material

Polyamide PA FV guarantees maximum strength and high-temperature resistance.

### Material

#### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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.

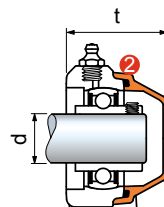
### Maximum allowed misalignment: 2°.

### Bearing

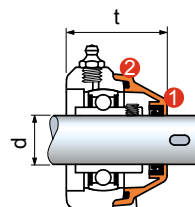
- Type B (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring)
- Type C (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring)
- Type A (grub screws shaft locking, chrome alloy steel, Superagriseal unit)
- Type D (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit)
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### Protection covers (accessories)

#### Closed cover



#### Open cover



① Seals.

② Seals O-Ring.

| dia.<br>d<br>mm                         | Accessories<br>Cover<br>orange | t<br>mm |      |
|-----------------------------------------|--------------------------------|---------|------|
|                                         | Code                           | UCFL    | HCFL |
| <b>Closed cover supplied with seals</b> |                                |         |      |
| 20                                      | 681942                         | 49,7    | 52   |
| 25                                      | 681952                         | 51,5    | 51,5 |
| 30                                      | 63154                          | 55      | 55   |
| 35                                      | 682022                         | 61      | 61   |
| 40 <sup>2)</sup>                        | 600882                         | -       | 72   |
| <b>Open cover supplied with seals</b>   |                                |         |      |
| 25                                      | 681972                         | 51,5    | 51,5 |
| 30                                      | 69965                          | 55      | 55   |
| 35                                      | 682032                         | 61      | 61   |
| 40 <sup>1)</sup>                        | 63549                          | 66,5    | -    |

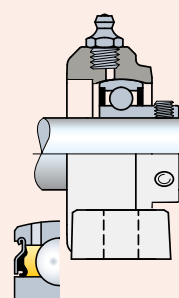
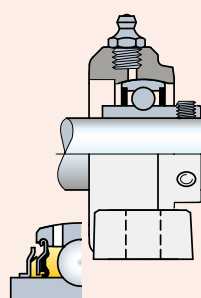
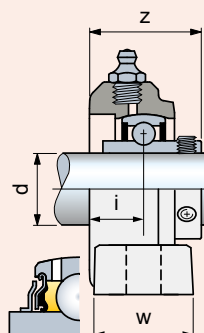
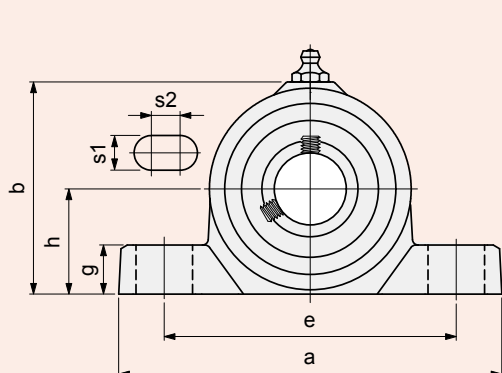
<sup>1)</sup> = Protection cover for bearing unit with grub screws shaft locking.

<sup>2)</sup> = Protection cover for bearing unit with eccentric collar shaft locking.

### • Series UCP • Type B Grub screws shaft locking

### • Series UCP • Type C Grub screws shaft locking

### • Series UCP • Type A Grub screws shaft locking



| dia.<br>d<br>mm                                                         | Series  | Housing material                        |      | Dimensions in mm |      |    |    |    |    |      |      |      |        | Bearing | Weight<br>Kg |
|-------------------------------------------------------------------------|---------|-----------------------------------------|------|------------------|------|----|----|----|----|------|------|------|--------|---------|--------------|
|                                                                         |         | Polyamide<br>PA FV<br>Flange<br>(black) | Code | e                | a    | h  | b  | s1 | s2 | g    | w    | i    | z      |         |              |
|                                                                         |         |                                         |      |                  |      |    |    |    |    |      |      |      |        |         |              |
| Grub screws shaft locking • Version with bearing Type B                 |         |                                         |      |                  |      |    |    |    |    |      |      |      |        |         |              |
| 25                                                                      | UCP 205 | 648781                                  | 106  | 140              | 36,5 | 75 | 12 | 10 | 17 | 34,5 | 18,8 | 38,5 | Type B | 0,33    |              |
| Grub screws shaft locking • Version with stainless steel bearing Type C |         |                                         |      |                  |      |    |    |    |    |      |      |      |        |         |              |
| 25                                                                      | UCP 205 | 646502                                  | 106  | 140              | 36,5 | 75 | 12 | 10 | 17 | 34,5 | 18,8 | 38,6 | Type C | 0,33    |              |
| Grub screws shaft locking • Version with bearing Type A                 |         |                                         |      |                  |      |    |    |    |    |      |      |      |        |         |              |
| 25                                                                      | UCP 205 | 678562                                  | 106  | 140              | 36,5 | 75 | 12 | 10 | 17 | 34,5 | 18,8 | 38,3 | Type A | 0,30    |              |

Packaging: 4 pieces.

# Compact pillow block

## UCPA/C - HCPA/C



### Waterproof housing

### Grub screws or eccentric collar shaft locking

### PA FV polyamide housing

High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.

### Material

#### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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.

### Continuous operating temperature

in air: - 20 to + 60°C.

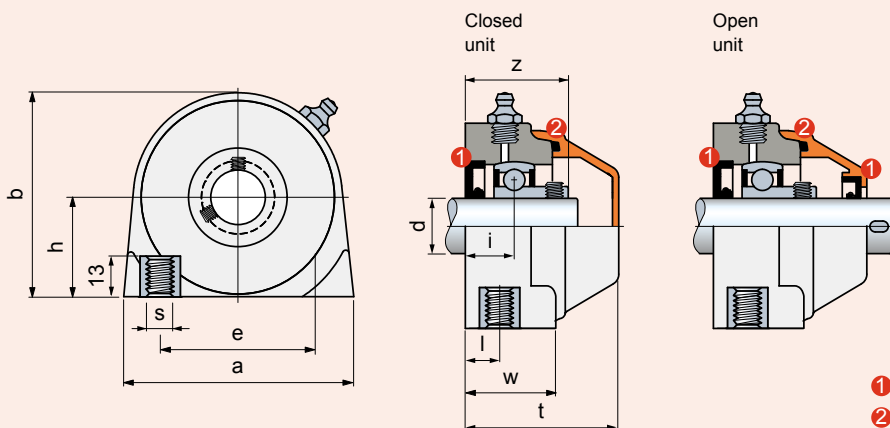
### Maximum allowed misalignment: 2°.

### Bearing



- Type A (grub screws shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### • Series UCPA/C • Type A Grub screws shaft locking



- ① Seal.
- ② O-Ring.

# UCPA/C - HCPA/C

| dia.<br>d<br>mm                         | Series     | Housing material                                             |      |      |    |      |    |                  |    |      |    |      | Bearing | Weight<br>Kg | Spare parts     |        |
|-----------------------------------------|------------|--------------------------------------------------------------|------|------|----|------|----|------------------|----|------|----|------|---------|--------------|-----------------|--------|
|                                         |            | Polyamide<br>PA FV<br>Flange<br>(black)<br>Cover<br>(orange) | Code | e    | a  | h    | b  | Dimensions in mm |    |      |    |      |         |              | Cover<br>orange |        |
|                                         |            |                                                              |      |      |    |      |    | s                | w  | i    | l  | z    |         |              |                 | t      |
| Grub screws shaft locking • Closed unit |            |                                                              |      |      |    |      |    |                  |    |      |    |      |         |              |                 |        |
| 25                                      | UCPA 205 C | 696202                                                       |      | 50,8 | 75 | 36,5 | 72 | M10              | 30 | 16,8 | 12 | 36,3 | 52      | Type A       | 0,29            | 681952 |
| Grub screws shaft locking • Open unit   |            |                                                              |      |      |    |      |    |                  |    |      |    |      |         |              |                 |        |
| 25                                      | UCPA 205 C | 696232                                                       |      | 50,8 | 75 | 36,5 | 72 | M10              | 30 | 16,8 | 12 | 36,3 | 52      | Type A       | 0,29            | 681972 |

Packaging: 4 pieces.

# Side flange bearing units

## UCFB/C - HCFB/C



The picture shows  
d. 20 - 25 version.

For other versions please  
see the technical drawing.



### Waterproof housing

### Grub screws or eccentric collar shaft locking

### PA FV polyamide housing

High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.

### Solid flange bearings

They differ from standard flange versions for their closed surface structure, ideal for sanification.

### Material

#### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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

### Continuous operating temperature

in air: - 20 to + 60°C.

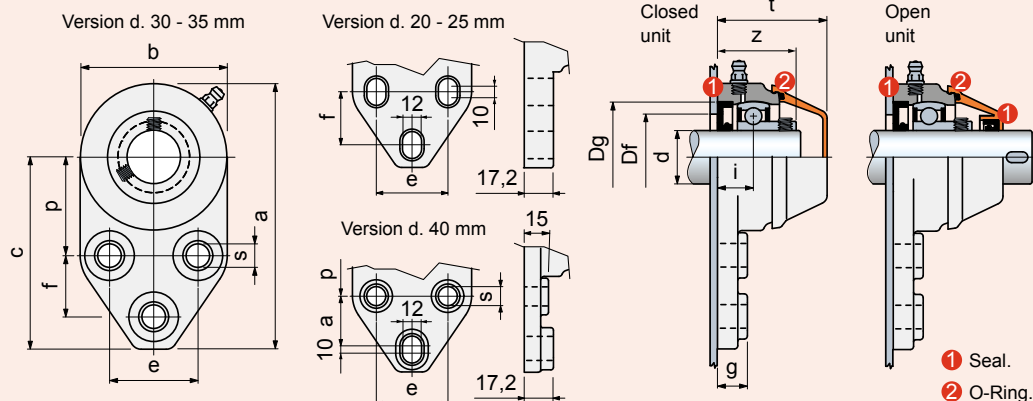
### Maximum allowed misalignment: 2°.

### Bearing



- Type A (grub screws shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### • Series UCFB/C • Type A Grub screws shaft locking



# UCFB/C - HCFB/C

|                                         |            | Housing material                                                      |                  |      |      |      |      |      |    |      |      |      |    |    |      |                                      |        |         |              |                                |  |  |
|-----------------------------------------|------------|-----------------------------------------------------------------------|------------------|------|------|------|------|------|----|------|------|------|----|----|------|--------------------------------------|--------|---------|--------------|--------------------------------|--|--|
| dia.<br>d<br>mm                         | Series     | Polyamide<br>PA FV<br>Standard Flange<br>(black)<br>Cover<br>(orange) | Dimensions in mm |      |      |      |      |      |    |      |      |      |    |    |      | Bore in<br>frame <sup>1)</sup><br>Df |        | Bearing | Weight<br>Kg | Spare parts<br>Cover<br>orange |  |  |
|                                         |            | Code                                                                  | a                | b    | c    | p    | e    | f    | s  | g    | i    | z    | t  | Dg | max. | min.                                 | Code   |         |              |                                |  |  |
|                                         |            |                                                                       |                  |      |      |      |      |      |    |      |      |      |    |    |      |                                      |        |         |              |                                |  |  |
| Grub screws shaft locking • Closed unit |            |                                                                       |                  |      |      |      |      |      |    |      |      |      |    |    |      |                                      |        |         |              |                                |  |  |
| 25                                      | UCFB 205 C | 656542N                                                               | 124,2            | 68,8 | 89,8 | 46   | 41,3 | 28,6 | 11 | 17,2 | 17,8 | 37,3 | 52 | 52 | 50   | 45                                   | Type A | 0,32    | 681952       |                                |  |  |
| 30                                      | UCFB 206 C | 656562                                                                | 138,6            | 81,3 | 97,9 | 52,4 | 47,6 | 31,7 | 11 | 14   | 20   | 42   | 55 | 62 | 60   | 50                                   | Type A | 0,47    | 63154        |                                |  |  |
| Grub screws shaft locking • Open unit   |            |                                                                       |                  |      |      |      |      |      |    |      |      |      |    |    |      |                                      |        |         |              |                                |  |  |
| 25                                      | UCFB 205 C | 656552N                                                               | 124,2            | 68,8 | 89,8 | 46   | 41,3 | 28,6 | 11 | 17,2 | 17,8 | 37,3 | 52 | 52 | 50   | 45                                   | Type A | 0,32    | 681972       |                                |  |  |
| 30                                      | UCFB 206 C | 656572                                                                | 138,6            | 81,3 | 97,9 | 52,4 | 47,6 | 31,7 | 11 | 14   | 20   | 42   | 55 | 62 | 60   | 50                                   | Type A | 0,47    | 69965        |                                |  |  |

<sup>1)</sup> = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.  
Packaging: 4 pieces.

# Side flange bearing units

## UCFB - HCFB



The picture shows  
d. 20 - 25 version.

For other versions please  
see the technical drawing.



Accessories

### Material

#### PA FV polyamide housing

- Housing in reinforced polyamide PA FV resin (black)
- Ball type nickel plated brass greasing nipple
- Reinforcing bushings on mounting holes in stainless steel AISI 304.

### Continuous operating temperature

in air: - 20 to + 60°C.

### Maximum allowed misalignment: 2°.

### Bearing

- Type B (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring)
- Type C (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring)
- Type A (grub screws 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 Type B

The double ring guarantees maximum protection against dust and non-corrosive substances.

#### Version with stainless steel bearing Type C

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 Type A

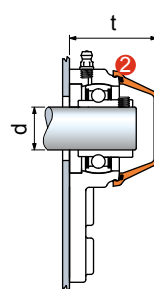
The rubberised ring guarantees maximum protection against dusts.

### Material

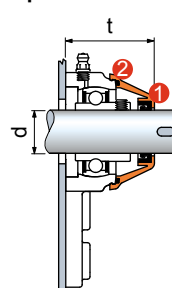
Polyamide PA FV guarantees maximum strength and high-temperature resistance.

### Protection covers (accessories)

#### Closed cover



#### Open cover



① Seals.

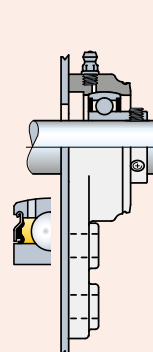
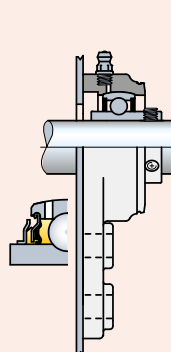
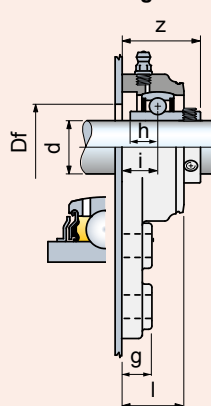
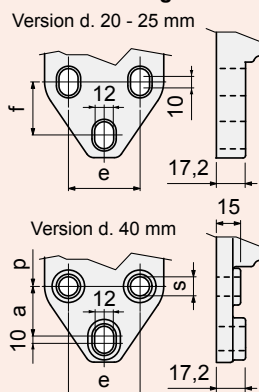
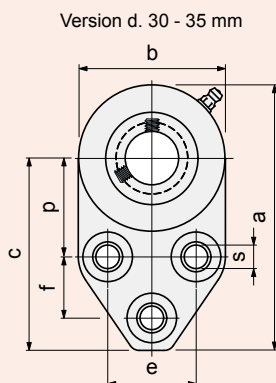
② Seals O-Ring.

| dia.<br>d<br>mm                         | Accessories<br>Cover<br>orange | t<br>mm |      |
|-----------------------------------------|--------------------------------|---------|------|
|                                         | Code                           | UCFL    | HCFL |
| <b>Closed cover supplied with seals</b> |                                |         |      |
| 20                                      | 681942                         | 49      | 49   |
| 25                                      | 681952                         | 52      | 57   |
| 30                                      | 63154                          | 55      | 60   |
| 35                                      | 682022                         | 59      | 64,5 |
| 40                                      | 600882                         | 72      | 72   |
| <b>Open cover supplied with seals</b>   |                                |         |      |
| 25                                      | 681972                         | 52      | 57   |
| 30                                      | 69965                          | 55      | 60   |
| 35                                      | 682032                         | 59      | 64,5 |

### • Series UCFB • Type B Grub screws shaft locking

### • Series UCFB • Type C Grub screws shaft locking

### • Series UCFB • Type A Grub screws shaft locking



| dia.<br>d<br>mm                                                         | Series   | Housing material                              |                  |      |      |      |      |      |    |      |      |      |      |      |    | Bore in<br>frame<br>Df<br>mm | Bearing | Weight<br>Kg |
|-------------------------------------------------------------------------|----------|-----------------------------------------------|------------------|------|------|------|------|------|----|------|------|------|------|------|----|------------------------------|---------|--------------|
|                                                                         |          | Polyamide<br>PA FV<br>Solid Flange<br>(black) | Dimensions in mm |      |      |      |      |      |    |      |      |      |      |      |    |                              |         |              |
|                                                                         |          |                                               | Code             | a    | b    | c    | p    | e    | f  | s    | g    | i    | h    | l    | z  |                              |         |              |
| Grub screws shaft locking • Version with bearing Type B                 |          |                                               |                  |      |      |      |      |      |    |      |      |      |      |      |    |                              |         |              |
| 25                                                                      | UCFB 205 | 663912N                                       | 124,2            | 68,8 | 89,8 | 46   | 41,3 | 28,6 | 11 | 17,2 | 17,8 | 14,3 | 29   | 37,5 | 29 | Type B                       | 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 | 42,2 | 34 | Type B                       | 0,50    |              |
| Grub screws shaft locking • Version with stainless steel bearing Type C |          |                                               |                  |      |      |      |      |      |    |      |      |      |      |      |    |                              |         |              |
| 25                                                                      | UCFB 205 | 663942N                                       | 124,2            | 68,8 | 89,8 | 46   | 41,3 | 28,6 | 11 | 17,2 | 17,8 | 14,3 | 29   | 37,6 | 29 | Type C                       | 0,33    |              |
| 30                                                                      | UCFB 206 | 663952                                        | 138,6            | 81,3 | 97,9 | 52,4 | 47,6 | 31,7 | 11 | 14   | 20   | 15,9 | 31,5 | 42,2 | 34 | Type C                       | 0,50    |              |
| Grub screws shaft locking • Version with bearing Type A                 |          |                                               |                  |      |      |      |      |      |    |      |      |      |      |      |    |                              |         |              |
| 25                                                                      | UCFB 205 | 663672N                                       | 124,2            | 68,8 | 89,8 | 46   | 41,3 | 28,6 | 11 | 17,2 | 17,8 | -    | 29   | 37,3 | 29 | Type A                       | 0,30    |              |
| 30                                                                      | UCFB 206 | 663682                                        | 138,6            | 81,3 | 97,9 | 52,4 | 47,6 | 31,7 | 11 | 14   | 20   | -    | 31,5 | 42   | 34 | Type A                       | 0,45    |              |

Packaging: 4 pieces.

# Side flange bearing units

**SQL/C**



**Grub screws shaft locking**

**PP FV polypropylene housing**

Proof to highly aggressive chemical agents.

Inferior loading ability.

**Solid flange bearings**

Closed surface structure, ideal for sanification.

## Material

### PP FV polypropylene housing

- Housing in reinforced polypropylene PP FV resin (black)
- Protection cover in polypropylene PP (orange)
- Seal and O-Ring in NBR rubber (black)
- Ball type stainless steel AISI 316 greasing nipple
- Washers in stainless steel AISI 304.

## Continuous operating temperature

in air: - 20 to + 60°C.

## Maximum allowed misalignment: 2°.

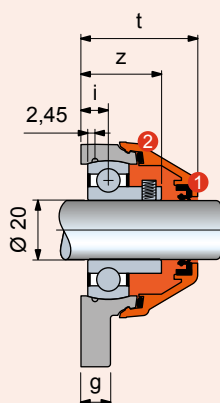
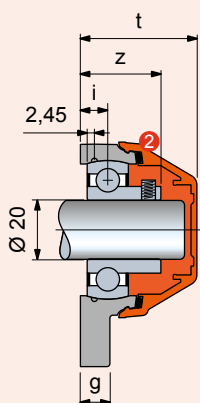
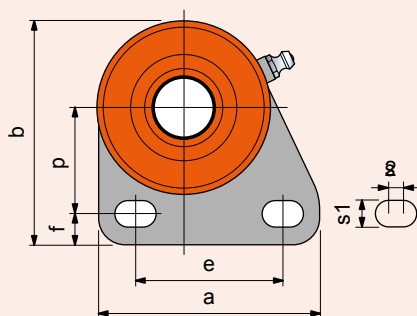
## Bearing



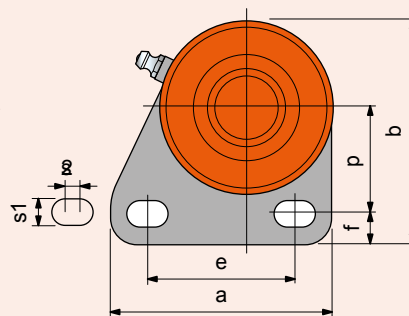
- Grub screws shaft locking
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### • Series SQL/C • Type A Grub screws shaft locking

Closed unit Right



Open unit Left



- 1 Seal.
- 2 O-Ring.

| dia.<br>d<br>mm   | Series    | Housing material                                                       | Dimensions in mm |    |    |    |    |    |     |      |      |      |    |        | Bearing | Weight<br>Kg | Spare parts<br>Cover<br>orange |
|-------------------|-----------|------------------------------------------------------------------------|------------------|----|----|----|----|----|-----|------|------|------|----|--------|---------|--------------|--------------------------------|
|                   |           | Polypropylene<br>PP FV<br>Solid Flange<br>(black)<br>Cover<br>(orange) | e                | a  | b  | s1 | s2 | g  | i   | z    | t    | f    | p  | Code   |         |              |                                |
|                   |           | Code                                                                   |                  |    |    |    |    |    |     |      |      |      |    |        |         |              |                                |
| Closed unit Left  |           |                                                                        |                  |    |    |    |    |    |     |      |      |      |    |        |         |              |                                |
| 20                | SQL 204 C | 656263                                                                 | 50               | 75 | 76 | 9  | 5  | 10 | 9,3 | 27,3 | 39,5 | 10,5 | 36 | Type A | 0,20    | 681942       |                                |
| Open unit Left    |           |                                                                        |                  |    |    |    |    |    |     |      |      |      |    |        |         |              |                                |
| 20                | SQL 204 C | 656273                                                                 | 50               | 75 | 76 | 9  | 5  | 10 | 9,3 | 27,3 | 39,5 | 10,5 | 36 | Type A | 0,20    | 681962       |                                |
| Closed unit Right |           |                                                                        |                  |    |    |    |    |    |     |      |      |      |    |        |         |              |                                |
| 20                | SQL 204 C | 656283                                                                 | 50               | 75 | 76 | 9  | 5  | 10 | 9,3 | 27,3 | 39,5 | 10,5 | 36 | Type A | 0,20    | 681942       |                                |
| Open unit Right   |           |                                                                        |                  |    |    |    |    |    |     |      |      |      |    |        |         |              |                                |
| 20                | SQL 204 C | 656293                                                                 | 50               | 75 | 76 | 9  | 5  | 10 | 9,3 | 27,3 | 39,5 | 10,5 | 36 | Type A | 0,20    | 681962       |                                |

Packaging: 4 pieces.

# Side flange bearing units

**SQL**



Accessories

**Grub screws shaft locking**

**PP FV polypropylene housing**

Proof to highly aggressive chemical agents.

Inferior loading ability.

**Solid flange bearings**

Closed surface structure, ideal for sanification.

**Material**

**PP FV polypropylene housing**

- Housing in reinforced polypropylene PP FV resin (black)
- Ball type stainless steel AISI 316 greasing nipple
- Washers in stainless steel AISI 304.

**Continuous operating temperature**

in air: - 20 to + 60°C.

**Maximum allowed misalignment: 2°.**

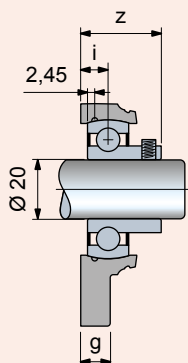
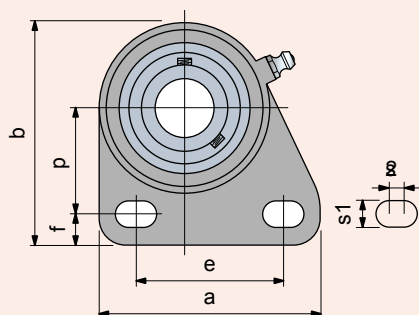
**Bearing**



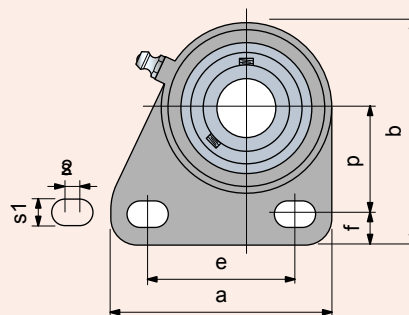
- Grub screws shaft locking
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

**• Series SQL • Type A**  
**Grub screws shaft locking**

Right unit



Left unit



| dia.<br>d<br>mm | Series  | Housing material                                  | Dimensions in mm |    |    |    |    |    |     |      |      |    |         | Weight<br>Kg |
|-----------------|---------|---------------------------------------------------|------------------|----|----|----|----|----|-----|------|------|----|---------|--------------|
|                 |         | Polypropylene<br>PP FV<br>Solid Flange<br>(black) | e                | a  | b  | s1 | s2 | g  | i   | z    | f    | p  | Bearing |              |
|                 |         | Code                                              |                  |    |    |    |    |    |     |      |      |    |         |              |
| Left unit       |         |                                                   |                  |    |    |    |    |    |     |      |      |    |         |              |
| 20              | SQL 204 | 656303                                            | 50               | 75 | 76 | 9  | 5  | 10 | 9,3 | 27,3 | 10,5 | 36 | Type A  | 0,18         |
| Right unit      |         |                                                   |                  |    |    |    |    |    |     |      |      |    |         |              |
| 20              | SQL 204 | 656313                                            | 50               | 75 | 76 | 9  | 5  | 10 | 9,3 | 27,3 | 10,5 | 36 | Type A  | 0,18         |

Packaging: 6 pieces.

# Take-up bearing units

## UCT/C - HCT/C



### Waterproof housing

### Grub screws or eccentric collar shaft locking

### PA FV polyamide housing

High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.

### Material

#### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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.

### Continuous operating temperature

in air: - 20 to + 60°C.

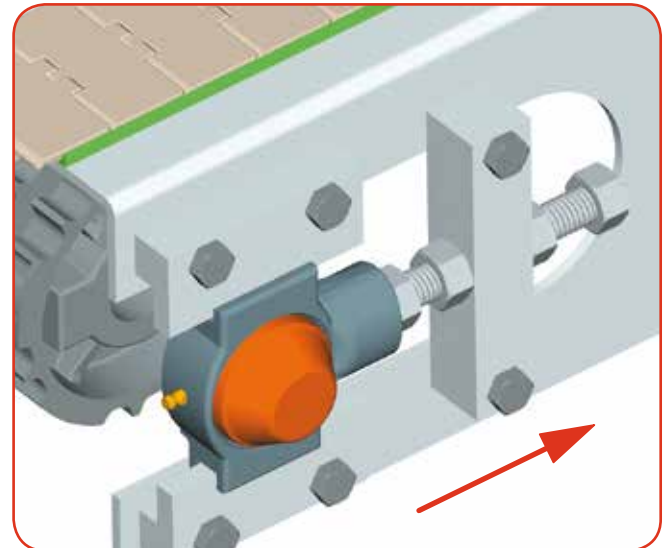
### Maximum allowed misalignment: 2°.

### Bearing



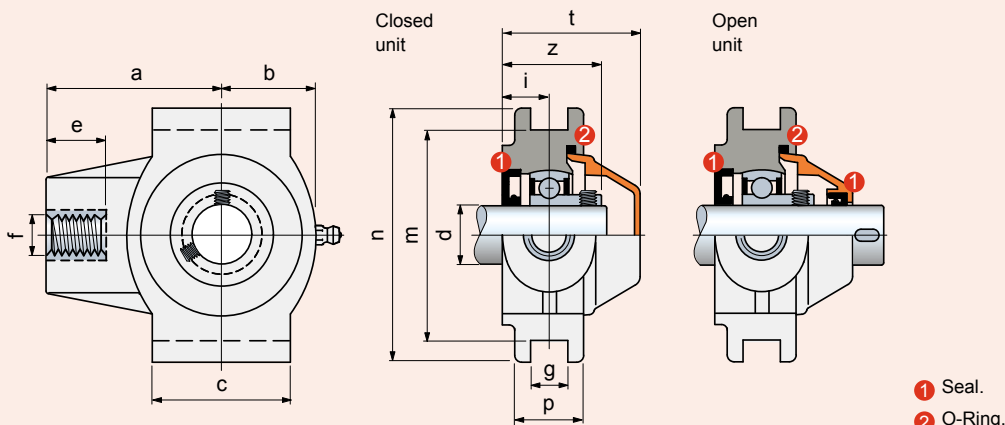
- Type A (grub screws shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### Assembly



Working load allowed only in this direction.

### • Series UCT/C • Type A Grub screws shaft locking



| dia.<br>d<br>mm                         | Series    | Housing material                                             |                  |      |    |    |     |      |    |      |    |    |      |    |        | Bearing | Weight<br>Kg | Spare parts<br>Cover<br>orange |
|-----------------------------------------|-----------|--------------------------------------------------------------|------------------|------|----|----|-----|------|----|------|----|----|------|----|--------|---------|--------------|--------------------------------|
|                                         |           | Polyamide<br>PA FV<br>Flange<br>(black)<br>Cover<br>(orange) | Dimensions in mm |      |    |    |     |      |    |      |    |    |      |    |        |         |              |                                |
|                                         |           | Code                                                         | a                | b    | c  | e  | f   | g    | i  | m    | n  | p  | z    | t  | Code   |         |              |                                |
| Grub screws shaft locking • Closed unit |           |                                                              |                  |      |    |    |     |      |    |      |    |    |      |    |        |         |              |                                |
| 25                                      | UCT 205 C | 666962                                                       | 68,5             | 39,5 | 50 | 28 | M20 | 13,5 | 17 | 76,2 | 92 | 25 | 36,5 | 52 | Type A | 0,39    | 681872       |                                |
| Grub screws shaft locking • Open unit   |           |                                                              |                  |      |    |    |     |      |    |      |    |    |      |    |        |         |              |                                |
| 25                                      | UCT 205 C | 666992                                                       | 68,5             | 39,5 | 50 | 28 | M20 | 13,5 | 17 | 76,2 | 92 | 25 | 36,5 | 52 | Type A | 0,39    | 681892       |                                |

Packaging: 4 pieces.

# Round flange bearing units

**UCFC/C**



**Waterproof housing**

**Grub screws shaft locking**

**PA FV polyamide housing**

High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.

## Material

### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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

## Continuous operating temperature

in air: - 20 to + 60°C.

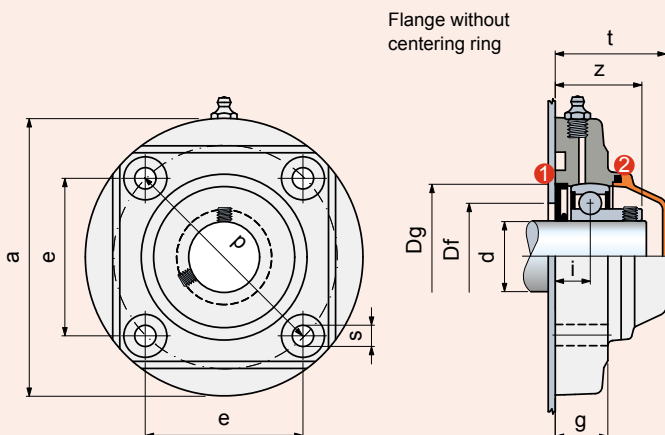
## Maximum allowed misalignment: 2°.

## Bearing

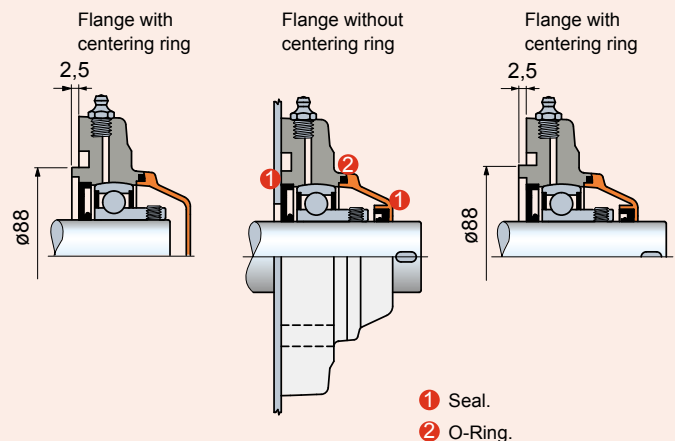


- Type A (grub screws shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### • Closed unit



### • Open unit



Housing material

| dia.<br>d<br>mm | Flange                 | Series     | Polyamide PA FV<br>Standard Flange (black)<br>Cover (orange) | Dimensions in mm |     |     |    |    |      |      |    |    |      | Bore in<br>frame <sup>1)</sup><br>Df |        | Bearing | Weight<br>Kg | Spare parts<br>Cover<br>orange |
|-----------------|------------------------|------------|--------------------------------------------------------------|------------------|-----|-----|----|----|------|------|----|----|------|--------------------------------------|--------|---------|--------------|--------------------------------|
|                 |                        |            | Code                                                         | e                | a   | p   | s  | g  | i    | z    | t  | Dg | max. | min.                                 | Code   |         |              |                                |
|                 |                        |            |                                                              |                  |     |     |    |    |      |      |    |    |      |                                      |        |         |              |                                |
| Closed unit     |                        |            |                                                              |                  |     |     |    |    |      |      |    |    |      |                                      |        |         |              |                                |
| 35              | Without centering ring | UCFC 207 C | 683921                                                       | 77,8             | 137 | 110 | 11 | 26 | 17,3 | 40,8 | 55 | 72 | 70   | 55                                   | Type A | 0,75    | 603772       |                                |
|                 | With centering ring    | UCFC 207 C | 624772                                                       | 77,8             | 137 | 110 | 11 | 26 | 17,3 | 40,8 | 55 | 72 | -    | -                                    | Type A | 0,75    | 603772       |                                |
| Open unit       |                        |            |                                                              |                  |     |     |    |    |      |      |    |    |      |                                      |        |         |              |                                |
| 35              | Without centering ring | UCFC 207 C | 683931                                                       | 77,8             | 137 | 110 | 11 | 26 | 17,3 | 40,8 | 55 | 72 | 70   | 55                                   | Type A | 0,75    | 603792       |                                |
|                 | With centering ring    | UCFC 207 C | 624782                                                       | 77,8             | 137 | 110 | 11 | 26 | 17,3 | 40,8 | 55 | 72 | -    | -                                    | Type A | 0,75    | 603792       |                                |

<sup>1)</sup> = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

Packaging: 4 pieces.

# Round flange bearing units

## UCFC



### Material

#### PA FV polyamide housing

- Housing in reinforced polyamide PA FV 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

- Type B (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring)
- Type C (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring)
- Type A (grub screws shaft locking, chrome alloy steel, Superagriseal unit)
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### Grub screws shaft locking

#### Version with bearing Type B

The double ring guarantees maximum protection against dust and non-corrosive substances.

#### Version with stainless steel bearing Type C

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.

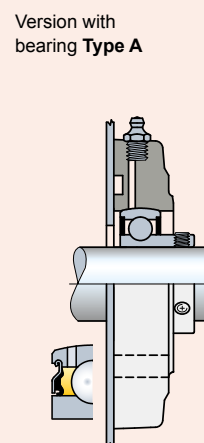
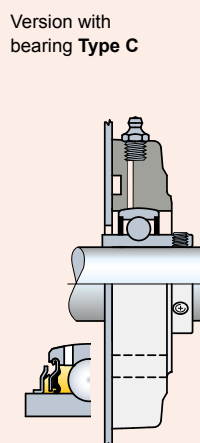
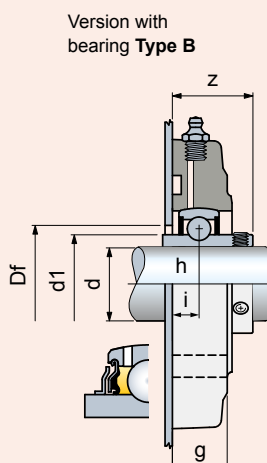
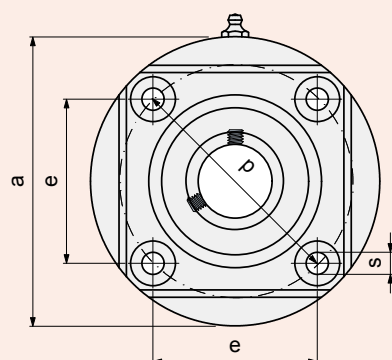
#### Version with bearing Type A

The rubberised ring guarantees maximum protection against dusts.

### Material

Polyamide PA FV guarantees maximum strength and high-temperature resistance.

| dia.<br>d<br>mm                     | Accessories<br>Cover<br>orange | t<br>mm |
|-------------------------------------|--------------------------------|---------|
|                                     | Code                           |         |
| Closed cover supplied without seals |                                |         |
| 35                                  | 63232                          | 50      |
| Open cover supplied with seals      |                                |         |
| 35                                  | 604042                         | 50      |



| dia.<br>d<br>mm                             | Series   | Housing material                                                | Dimensions in mm |     |     |    |    |      |      |      |      |    | Bore in<br>frame<br>Df<br>mm | Bearing | Weight<br>Kg |
|---------------------------------------------|----------|-----------------------------------------------------------------|------------------|-----|-----|----|----|------|------|------|------|----|------------------------------|---------|--------------|
|                                             |          | Polyamide<br>PA FV<br>Standard Flange<br>(black)<br><b>Code</b> | e                | a   | p   | s  | g  | i    | h    | z    | d1   |    |                              |         |              |
|                                             |          |                                                                 |                  |     |     |    |    |      |      |      |      |    |                              |         |              |
| Version with bearing Type B                 |          |                                                                 |                  |     |     |    |    |      |      |      |      |    |                              |         |              |
| 35                                          | UCFC 207 | 60752                                                           | 77,8             | 137 | 110 | 11 | 26 | 12,3 | 17,5 | 37,7 | 46,1 | 50 | Type B                       | 0,75    |              |
| Version with stainless steel bearing Type C |          |                                                                 |                  |     |     |    |    |      |      |      |      |    |                              |         |              |
| 35                                          | UCFC 207 | 646652                                                          | 77,8             | 137 | 110 | 11 | 26 | 12,3 | 17,5 | 37,7 | 46,1 | 50 | Type C                       | 0,75    |              |
| Version with bearing Type A                 |          |                                                                 |                  |     |     |    |    |      |      |      |      |    |                              |         |              |
| 35                                          | UCFC 207 | 681822                                                          | 77,8             | 137 | 110 | 11 | 26 | 17,3 | 17,5 | 40,8 | 46,1 | 50 | Type A                       | 0,75    |              |

**Item code for order = B0000 + Code**

Packaging: 6 pieces.

# Round flange bearing units

## SBF



### Stainless steel AISI 304 flange

### Stainless steel bearing Type C

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

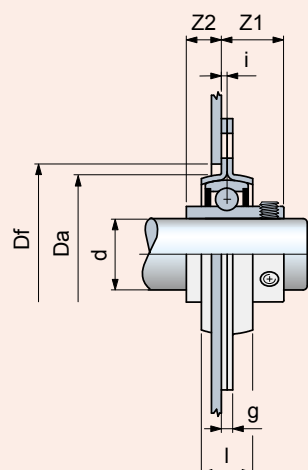
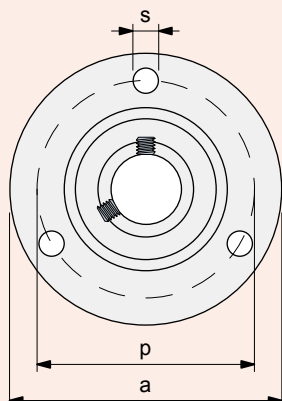
in air: - 20 to + 60°C.

#### Maximum allowed misalignment: 5°.

#### Bearing



- Type C (grub screws shaft locking)
- stainless steel AISI 420
- Superagriseal unit plus rubberised centrifuging ring
- Prelubricated with lithium / calcium grease
- Can be relubricated.



| dia.<br>d<br>mm | Series  | Housing material            |    |    |     |   |   |    |      |      |    | Bore in<br>frame<br>Df<br>mm | Bearing | Weight<br>Kg |
|-----------------|---------|-----------------------------|----|----|-----|---|---|----|------|------|----|------------------------------|---------|--------------|
|                 |         | Stainless Steel<br>AISI 304 |    |    |     |   |   |    |      |      |    |                              |         |              |
|                 |         | Code                        | p  | a  | s   | g | i | l  | Z1   | Z2   | Da |                              |         |              |
| 25              | SBF 205 | 604562                      | 76 | 95 | 8,7 | 4 | 2 | 18 | 21,8 | 12,3 | 56 | 60                           | Type C  | 0,35         |

Packaging: 4 pieces.

[illegible]

# Technical information

## Bearing unit max. static load

B68

## Bearings

|                                                              |     |
|--------------------------------------------------------------|-----|
| • Bearings with grub screw locking system                    | B72 |
| • Bearings with self locking eccentric collar                | B72 |
| • Seals                                                      | B73 |
| • Maximum velocities                                         | B73 |
| • Axial load capacities                                      | B73 |
| • Self aligning ball bearings, holding by shoulders on shaft | B73 |

## Calculation data

|                                                 |     |
|-------------------------------------------------|-----|
| • Definition of bearing dimensions              | B74 |
| • Calculation method for self-aligning bearings | B74 |
| • Life                                          | B74 |
| • Life expectation calculation                  | B74 |
| • Equivalent dynamic load calculation           | B75 |
| • Static load capacity control                  | B76 |
| • Equivalent static load calculation            | B76 |

## Lubrication

|                           |     |
|---------------------------|-----|
| • Prelubrication          | B77 |
| • Lubrication grease      | B77 |
| • Relubrication           | B77 |
| • Relubrication intervals | B77 |

## Grease life in bearings lubricated for life

|                                    |     |
|------------------------------------|-----|
| • Formula to calculate grease life | B78 |
| • Diagram 1 grease nominal life    | B78 |
| • Diagram 2 correction factor      | B79 |
| • Example of calculation           | B79 |

## Shaft tolerances

|                                                                                     |     |
|-------------------------------------------------------------------------------------|-----|
| • Shaft tolerances for bearings with grub screws or eccentric collar locking system | B80 |
| • Shaft tolerances for bearings with shoulders type holding system                  | B80 |

## Mounting

|                                       |     |
|---------------------------------------|-----|
| • Mounting recommendations            | B81 |
| • Bearing locking by grub screws      | B81 |
| • Bearing locking by eccentric collar | B81 |
| • Installation/removal of covers      | B81 |

# Bearing unit max. static load

**UCF/C - SUCF/C - HCF/C - SHCF/C - UCF/CL - SUCF/CL  
HCF/CL - SHCF/CL - UCF - SUCF - HCF - SHCF**



| Shaft<br>dia.<br>d<br>mm |  |            |  |            |
|--------------------------|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|
|                          | PA FV<br>N                                                                          | PP FV<br>N | PA FV<br>N                                                                          | PP FV<br>N |
| 25                       | 19550                                                                               | 13800      | 20700                                                                               | 11500      |
| 30                       | 19550                                                                               | 13800      | 20700                                                                               | 11500      |
| 35                       | 20700                                                                               | 13800      | 25300                                                                               | 13800      |
| 35*                      | 19550                                                                               | 13800      | 20700                                                                               | 11500      |
| 40                       | 20700                                                                               | 14375      | 25300                                                                               | 13800      |
| 40*                      | 19550                                                                               | 13800      | 20700                                                                               | 11500      |
| 45*                      | 32000                                                                               | 24000      | 35000                                                                               | 26000      |
| 50*                      | 32000                                                                               | 24000      | 35000                                                                               | 26000      |

\* = Version with special fixing holes

**UCFS/C - SUCFS/C - HCFS/C - SHCFS/C**



| Shaft<br>dia.<br>d<br>mm |  |            |  |            |
|--------------------------|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|
|                          | PA FV<br>N                                                                          | PP FV<br>N | PA FV<br>N                                                                          | PP FV<br>N |
| 30                       | 20700                                                                               | 25300      |                                                                                     |            |
| 35*                      | 20700                                                                               | 25300      |                                                                                     |            |
| 40*                      | 20700                                                                               | 25300      |                                                                                     |            |

\* = Version with special fixing holes

**F - SF**



| Shaft<br>dia.<br>d<br>mm |  |            |  |            |  |            |
|--------------------------|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|------------|
|                          | PA FV<br>N                                                                            | PP FV<br>N | PA FV<br>N                                                                            | PP FV<br>N | PA FV<br>N                                                                            | PP FV<br>N |
| 30                       | 21850                                                                                 | 16100      | 17250                                                                                 | 13800      | 8050                                                                                  | 5750       |
| 35                       | 21850                                                                                 | 16100      | 17250                                                                                 | 13800      | 18400                                                                                 | 10350      |
| 40                       | 21850                                                                                 | 17250      | 17250                                                                                 | 13800      | 19550                                                                                 | 13800      |
| 40*                      | 21850                                                                                 | 16100      | 17250                                                                                 | 13800      | 18400                                                                                 | 10350      |
| 45                       | 23000                                                                                 | 17250      | 18400                                                                                 | 14350      | 19550                                                                                 | 13800      |
| 45*                      | 21850                                                                                 | 16100      | 17250                                                                                 | 13800      | 18400                                                                                 | 10350      |

\* = Version with special fixing holes

# Bearing unit max. static load

**UCFLN/C - SUCFLN/C - HCFLN/C - SHCFLN/C**

**UCFLN/CL - SUCFLN/CL - HCFLN/CL - SHCFLN/CL**



| Shaft<br>dia.<br>d<br>mm |  |            |  |            |
|--------------------------|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|
|                          | PA FV<br>N                                                                          | PP FV<br>N | PA FV<br>N                                                                          | PP FV<br>N |
| 17                       | 9775                                                                                | 6325       | 9775                                                                                | 6900       |
| 20*                      | 9775                                                                                | 6325       | 9775                                                                                | 6900       |
| 25*                      | 10925                                                                               | 7475       | 11500                                                                               | 7475       |
| 30                       | 14950                                                                               | 9200       | 14375                                                                               | 11500      |
| 30*                      | 14950                                                                               | 9200       | 14375                                                                               | 11500      |

\* = Version with special fixing holes

**UCFLN - SUCFLN - HCFLN - SHCFLN**



| Shaft<br>dia.<br>d<br>mm |  |            |  |            |
|--------------------------|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|
|                          | PA FV<br>N                                                                          | PP FV<br>N | PA FV<br>N                                                                          | PP FV<br>N |
| 17                       | 9775                                                                                | 6325       | 9775                                                                                | 6900       |
| 20*                      | 9775                                                                                | 6325       | 9775                                                                                | 6900       |
| 25*                      | 10925                                                                               | 7475       | 11500                                                                               | 7475       |
| 30                       | 14950                                                                               | 9200       | 14375                                                                               | 11500      |
| 30*                      | 14950                                                                               | 9200       | 14375                                                                               | 11500      |

\* = Version with special fixing holes

**UCFL/C - SUCFL/C - HCFL/C - SHCFL/C - UCFL/CL - SUCFL/CL**

**HCFL/CL - SHCFL/CL - UCFL - SUCFL - HCFL - SHCFL**



| Shaft<br>dia.<br>d<br>mm |  |            |  |            |
|--------------------------|--------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|------------|
|                          | PA FV<br>N                                                                           | PP FV<br>N | PA FV<br>N                                                                            | PP FV<br>N |
| 17                       | 9775                                                                                 | 6325       | 9775                                                                                  | 6900       |
| 20                       | 9775                                                                                 | 6325       | 9775                                                                                  | 6900       |
| 25                       | 10925                                                                                | 7475       | 11500                                                                                 | 7475       |
| 25*                      | 10925                                                                                | 7475       | 11500                                                                                 | 7475       |
| 30                       | 14950                                                                                | 9200       | 14375                                                                                 | 11500      |
| 30*                      | 14950                                                                                | 9200       | 14375                                                                                 | 11500      |
| 35                       | 14950                                                                                | 9200       | 13225                                                                                 | 10925      |
| 35*                      | 14950                                                                                | 9200       | 14375                                                                                 | 11500      |
| 40                       | 14950                                                                                | 9775       | 14950                                                                                 | 10925      |
| 40*                      | 14950                                                                                | 9200       | 14375                                                                                 | 11500      |

\* = Version with special fixing holes

**UCFLS/C - SUCFLS/C - HCFLS/C - SHCFLS/C**



| Shaft<br>dia.<br>d<br>mm |  |            |  |            |
|--------------------------|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|------------|
|                          | PA FV<br>N                                                                            | PP FV<br>N | PA FV<br>N                                                                            | PP FV<br>N |
| 30                       | 14950                                                                                 | 14375      |                                                                                       |            |
| 35*                      | 14950                                                                                 | 13225      |                                                                                       |            |
| 40*                      | 14950                                                                                 | 14950      |                                                                                       |            |

\* = Version with special fixing holes

**FL**



| Shaft<br>dia.<br>d<br>mm |  |            |  |            |  |            |
|--------------------------|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|------------|
|                          | PA FV<br>N                                                                            | PP FV<br>N | PA FV<br>N                                                                            | PP FV<br>N | PA FV<br>N                                                                            | PP FV<br>N |
| 25                       | 9200                                                                                  | 6900       | 11500                                                                                 | 8625       | 12650                                                                                 | 5750       |
| 30                       | 11500                                                                                 | 6900       | 12650                                                                                 | 9200       | 13800                                                                                 | 5750       |
| 35                       | 11500                                                                                 | 9200       | 12650                                                                                 | 9200       | 9200                                                                                  | 4600       |
| 40                       | 12650                                                                                 | 9200       | 12650                                                                                 | 9200       | 13800                                                                                 | 6900       |
| 45                       | 12650                                                                                 | 9200       | 13800                                                                                 | 9775       | 17250                                                                                 | 12650      |

# Bearing unit max. static load

## UCFX/T - SUCFX/T - HCFX/T- SHCFX/T



| Shaft<br>dia.<br>d<br>mm | PA FV<br>N | PA FV<br>N |
|--------------------------|------------|------------|
| 30                       | 45000      | 45000      |
| 35                       | 45000      | 45000      |
| 40                       | 45000      | 45000      |

## UCP/C - HCP/C - UCP - HCP



| Shaft<br>dia.<br>d<br>mm | PA FV<br>N | PP FV<br>N | PA FV<br>N | PP FV<br>N | PA FV<br>N | PP FV<br>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       |

## UCPA/C - HCPA/C - UCPA - HCPA



| Shaft<br>dia.<br>d<br>mm | PA FV<br>N | PP FV<br>N | PA FV<br>N | PP FV<br>N | PA FV<br>N | PP FV<br>N | PA FV<br>N | PP FV<br>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        |

## UCFB/C - HCFB/C - UCFB - HCFB



| Shaft<br>dia.<br>d<br>mm | PA FV<br>N | PP FV<br>N | PA FV<br>N | PP FV<br>N |
|--------------------------|------------|------------|------------|------------|
| 20                       | 3000       | 1700       | 1000       | 650        |
| 25                       | 3500       | 2000       | 1000       | 650        |
| 30                       | 3500       | 2000       | 1000       | 650        |
| 35                       | 4000       | 2500       | 1000       | 650        |
| 40                       | 5200       | 3000       | 1000       | 650        |

## UCT/C - HCT/C - UCT - HCT



| Shaft<br>dia.<br>d<br>mm | PA FV<br>N |
|--------------------------|------------|
| 20                       | 16000      |
| 25                       | 24000      |
| 30                       | 27000      |

Bearing unit max. static load

UCFC/C - UCFC



| Shaft<br>dia.<br>d<br>mm |  |  |
|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                          | PA FV<br>N                                                                          | PP FV<br>N                                                                          |
| 35                       | 19550                                                                               | 12650                                                                               |

FC

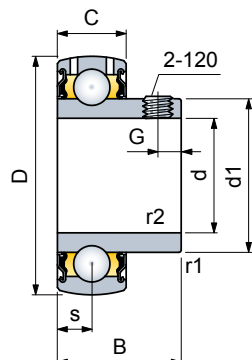


| Shaft<br>dia.<br>d<br>mm |  |  |  |
|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                          | PA FV<br>N                                                                          | PP FV<br>N                                                                          | PA FV<br>N                                                                          |
| 35                       | 17250                                                                               | 11500                                                                               | 17250                                                                               |

# Bearings

## Bearings with grub screw locking system

Type A



Prelubricated with long lasting lithium/calcium grease • Can be rilubricated

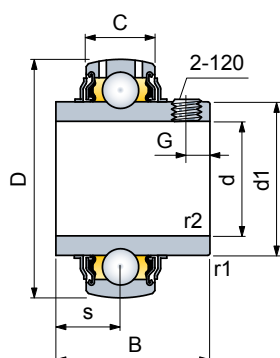
| d<br>mm | Dimensions in mm |    |      |    |      |     | r1, r2<br>min. | Grub<br>screws | Load coefficient             |                  | Weight<br>Kg |
|---------|------------------|----|------|----|------|-----|----------------|----------------|------------------------------|------------------|--------------|
|         | d1               | D  | B    | C  | s    | G   |                |                | dyn. <sup>1)</sup><br>C<br>N | stat.<br>Co<br>N |              |
| 17      | 24,6             | 40 | 22   | 12 | 6    | 4   | 0,3            | M5x0,8         | 9500                         | 4750             | 0,07         |
| 20      | 29               | 47 | 25   | 14 | 7    | 5   | 0,6            | M6x1           | 12700                        | 6550             | 0,11         |
| 25      | 34               | 52 | 27   | 15 | 7,5  | 5,5 | 0,6            | M6x1           | 14000                        | 7800             | 0,14         |
| 30      | 40,3             | 62 | 30   | 16 | 8    | 6   | 0,6            | M6x1           | 19500                        | 11200            | 0,23         |
| 35      | 48               | 72 | 32   | 17 | 8,5  | 6,5 | 1              | M6x1           | 25500                        | 15300            | 0,31         |
| 40      | 53               | 80 | 34   | 18 | 9    | 7   | 1              | M8x1           | 30700                        | 19000            | 0,43         |
| 45      | 57,2             | 85 | 41,2 | 19 | 10,2 | 8,2 | 1              | M8x1           | 33200                        | 21600            | 0,48         |
| 50      | 61,8             | 90 | 43,5 | 20 | 10,9 | 9,2 | 1              | M8x1           | 35100                        | 23200            | 0,54         |

Chrome alloy steel.

<sup>1)</sup> = Values are valid for applications with ≤ h 6 shaft tolerance.

Time 0.77 values must be considered in all other cases.

Type B



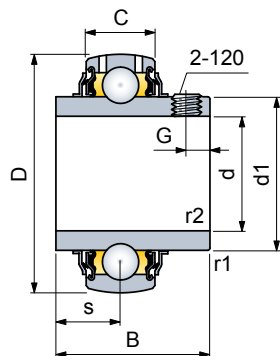
| d<br>mm | Dimensions in mm |    |      |    |      |     | r1, r2<br>min. | Grub<br>screws | Load coefficient             |                  | Weight<br>Kg |
|---------|------------------|----|------|----|------|-----|----------------|----------------|------------------------------|------------------|--------------|
|         | d1               | D  | B    | C  | s    | G   |                |                | dyn. <sup>1)</sup><br>C<br>N | stat.<br>Co<br>N |              |
| 17      | 24,2             | 40 | 27,4 | 12 | 11,5 | 3,5 | 0,3            | M6x0,75        | 9500                         | 4750             | 0,09         |
| 20      | 29               | 47 | 31   | 16 | 12,7 | 4,7 | 0,6            | M6x1           | 12700                        | 6550             | 0,14         |
| 25      | 34               | 52 | 34,1 | 17 | 14,3 | 5,5 | 0,6            | M6x1           | 14000                        | 7800             | 0,17         |
| 30      | 40,3             | 62 | 38,1 | 19 | 15,9 | 5,5 | 0,6            | M6x1           | 19500                        | 11200            | 0,28         |
| 35      | 48               | 72 | 42,9 | 20 | 17,5 | 6,5 | 1              | M8x1           | 25500                        | 15300            | 0,41         |
| 40      | 53               | 80 | 49,2 | 21 | 19   | 8   | 1              | M8x1           | 30700                        | 19000            | 0,55         |
| 45      | 57,2             | 85 | 49,2 | 22 | 19   | 8   | 1              | M8x1           | 33200                        | 21600            | 0,60         |
| 50      | 61,8             | 90 | 51,6 | 23 | 19   | 9   | 1              | M10x1          | 35100                        | 23200            | 0,69         |

Chrome alloy steel.

<sup>1)</sup> = Values are valid for applications with ≤ h 6 shaft tolerance.

Time 0.77 values must be considered in all other cases.

Type C stainless steel



| d<br>mm | Dimensions in mm |    |      |    |      |   | r1, r2<br>min. | Grub<br>screws | Load coefficient             |                  | Weight<br>Kg |
|---------|------------------|----|------|----|------|---|----------------|----------------|------------------------------|------------------|--------------|
|         | d1               | D  | B    | C  | s    | G |                |                | dyn. <sup>1)</sup><br>C<br>N | stat.<br>Co<br>N |              |
| 20      | 29               | 47 | 31   | 17 | 12,7 | 5 | 0,6            | M6x1           | 10800                        | 6550             | 0,14         |
| 25      | 34               | 52 | 34,1 | 17 | 14,3 | 5 | 0,6            | M6x1           | 11900                        | 7800             | 0,18         |
| 30      | 40,3             | 62 | 38,1 | 19 | 15,9 | 6 | 0,6            | M6x1           | 16250                        | 11200            | 0,29         |
| 35      | 48               | 72 | 42,9 | 20 | 17,5 | 6 | 1              | M6x1           | 21600                        | 15300            | 0,42         |
| 40      | 53               | 80 | 49,2 | 21 | 19   | 8 | 1              | M8x1           | 26000                        | 19000            | 0,56         |

Stainless steel AISI 420.

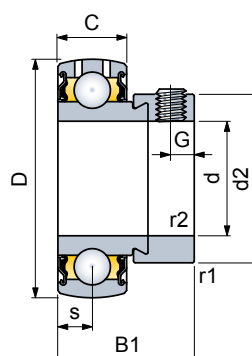
<sup>1)</sup> = Values are valid for applications with ≤ h 6 shaft tolerance.

Time 0.77 values must be considered in all other cases.

## Bearings with self locking eccentric collar

Prelubricated with long lasting lithium/calcium grease • Can be rilubricated • Higher resistance to vibrations • Suitable for single directional travel (cannot reverse the sense of rotation) • Locking of the bearing is achieved by rotating the eccentric collar. The grub screw holds the collar and avoids rotation.

Type D



| d<br>mm | Dimensions in mm |    |      |    |     |      | r1, r2<br>min. | Grub<br>screws | Load coefficient             |                  | Weight<br>Kg |
|---------|------------------|----|------|----|-----|------|----------------|----------------|------------------------------|------------------|--------------|
|         | d2               | D  | B1   | C  | s   | G    |                |                | dyn. <sup>1)</sup><br>C<br>N | stat.<br>Co<br>N |              |
| 17      | 28,6             | 40 | 28,6 | 12 | 6,5 | 4,75 | 0,3            | M6x0,75        | 9500                         | 4750             | 0,10         |
| 20      | 33,3             | 47 | 30,9 | 14 | 7,5 | 5    | 0,6            | M6x1           | 12700                        | 6550             | 0,16         |
| 25      | 38,1             | 52 | 30,9 | 15 | 7,5 | 5    | 0,6            | M6x1           | 14000                        | 7800             | 0,18         |
| 30      | 44,5             | 62 | 35,7 | 16 | 9   | 6    | 0,6            | M6x1           | 19500                        | 11200            | 0,30         |
| 35      | 51,9             | 72 | 38,9 | 17 | 9,5 | 6,5  | 1              | M8x1           | 25500                        | 15300            | 0,49         |
| 40      | 60,3             | 80 | 43,7 | 18 | 11  | 6,5  | 1              | M8x1           | 30700                        | 19000            | 0,62         |
| 45      | 63,5             | 85 | 43,7 | 19 | 11  | 6,5  | 1              | M8x1           | 33200                        | 21600            | 0,65         |
| 50      | 69,9             | 90 | 43,7 | 20 | 11  | 6,5  | 1              | M8x1           | 35100                        | 23200            | 0,70         |

Chrome alloy steel.

<sup>1)</sup> = Values are valid for applications with ≤ h 6 shaft tolerance.

Time 0.77 values must be considered in all other cases.

# Bearings

## Seals

**Type A - D.** The system consists of a metallic ring fitted with a low friction rubber sealing lip.

**Type B.** The system is further equipped with a metallic protection ring providing a centrifugal sealing action.

**Type C 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.

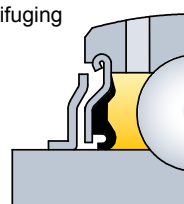
**Type A - D**

Metal ring with sealing lip



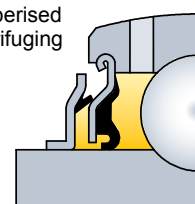
**Type B**

Centrifuging ring



**Type C Inox**

Rubberised centrifuging ring



## Maximum velocities

The table indicates the values for **A, D, B** series bearings • Stainless steel bearings of the **C** Type (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.<br>bearing<br>d<br>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 |

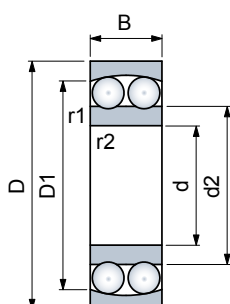
## Axial load capacities

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 **A, D, B, C**, 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.

Type 1200



| d<br>mm | Bearing<br>type | Dimensions in mm |    |      |      |                | Load coefficient |                  | Revolutions<br>RPM | Weight<br>Kg |
|---------|-----------------|------------------|----|------|------|----------------|------------------|------------------|--------------------|--------------|
|         |                 | D                | B  | d2   | D1   | r1, r2<br>min. | dyn.<br>C<br>N   | stat.<br>Co<br>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:

$$L_{10} = \left(\frac{C}{P}\right)^3 \text{ Life in Millions revolutions.}$$

When bearings rotate at constant speed it is more practical to calculate the life in number of hours:

$$L_{10h} = \frac{16666}{n} \cdot \left(\frac{C}{P}\right)^3 \text{ Life in hours.}$$

$L_{10}$  = 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).

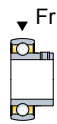
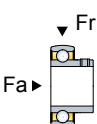
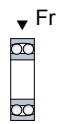
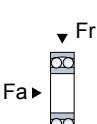
## Correct expected life

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                                                                  |  |
|------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--|
| A<br>B<br>C<br>D |   | $P = Fr$                                                                                                           |  |
|                  |   | $P = X \cdot Fr + Y \cdot Fa$                                                                                      |  |
|                  |   | $P = Fr$                                                                                                           |  |
|                  |  | $P = Fr + Y1 \cdot Fa$ with $\frac{Fa}{Fr} \leq e1$<br>$P = 0,65 \cdot Fr + Y2 \cdot Fa$ with $\frac{Fa}{Fr} > e1$ |  |

**P** = equivalent dynamic load (N).  
**Fr** = radial load acting on the bearing (N).  
**Fa** = axial load acting on the bearing (N).  
**x, Y** = load factors. See Table 3.  
**e1, Y1, Y2** = factors. See Table 4.

Table 3 - Load factors x, y

| Ratio $\frac{Fa}{Co}$ | e    | With: $\frac{Fa}{Fr} \leq e$ |   | With: $\frac{Fa}{Fr} > e$ |     |
|-----------------------|------|------------------------------|---|---------------------------|-----|
|                       |      | x                            | y | x                         | y   |
| 0,025                 | 0,22 | 1                            | 0 | 0,56                      | 2   |
| 0,04                  | 0,24 | 1                            | 0 | 0,56                      | 1,8 |
| 0,07                  | 0,27 | 1                            | 0 | 0,56                      | 1,6 |
| 0,13                  | 0,31 | 1                            | 0 | 0,56                      | 1,4 |
| 0,25                  | 0,37 | 1                            | 0 | 0,56                      | 1,2 |
| 0,5                   | 0,44 | 1                            | 0 | 0,56                      | 1   |

Table 4 - Factors e1, Y1, Y2, Yo

| Int. dia. bearing mm | e1   | Y1  | Y2  | Yo  |
|----------------------|------|-----|-----|-----|
| 20                   | 0,30 | 2,1 | 3,3 | 2,2 |
| 25                   | 0,28 | 2,2 | 3,5 | 2,5 |
| 30                   | 0,25 | 2,5 | 3,9 | 2,5 |
| 35                   | 0,23 | 2,7 | 4,2 | 2,8 |
| 40                   | 0,22 | 2,9 | 4,5 | 2,8 |

**Co** = Static load coefficient (N).  
 The values are indicated in the support dimensional tables.

## Operating conditions coefficients

It should be common practice to include operational factors when calculating bearing dimensions to allow for load variations which may happen during running of the plant. The coefficients given here under are indicative only and are based on actual operational experience.

With steady loads/light impacts: multiply the equivalent dynamic load P by: 1,2 ÷ 1,5  
 With loads and medium impacts: multiply the equivalent dynamic load P by: 1,7 ÷ 2,0

# Calculation data

## Static load capacity control

### Statically stressed bearings

In rolling-contact bearing technology the condition of static load is considered to exist when:

- The bearing does not rotate and is subjected to permanent loads or intermittent ones (impacts).
- The bearing is subjected to loads and slow oscillating movements.
- The bearing rotates under load at a very low speed and for short periods.
- The bearing rotates under load and must withstand strong impacts acting in the course of one revolution.

The static safety coefficient  $f_s$  must not exceed the recommended values given in Table 5 in order to obtain a satisfactory performance of the bearings. Coefficient  $f_s$  gives the safety margin against excessive permanent deformation of the revolving parts of the bearing.

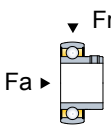
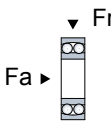
$$f_s = \frac{C_o}{P_o}$$

$f_s$  = static safety coefficient.  
 $C_o$  = static load coefficient (N). The values are given in the support dimensional tables.  
 $P_o$  = equivalent static load (N). See calculation formula given below.

Table 5 - Static safety coefficient  $f_s$  for MB bearings

| Type of operation                  | Revolving bearings        |                              |                           | Non revolving bearings |
|------------------------------------|---------------------------|------------------------------|---------------------------|------------------------|
|                                    | Noise level not important | Normal noise level operation | Low noise level operation |                        |
| Smooth operation without vibration | 5                         | 1                            | 2                         | 0,4                    |
| Normal operation                   | 0,5                       | 1                            | 2                         | 0,5                    |
| Impact loads operation             | $\geq 1,5$                | $\geq 1,5$                   | $\geq 2$                  | $\geq 1$               |

## Equivalent static load $P_o$ calculation

| Bearing type     | Load direction on the bearing                                                       | Equivalent dynamic load P (N) calculation formula                               |
|------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| A<br>B<br>C<br>D |  | $P_o = 0,6 \cdot Fr + 0,5 \cdot Fa$<br>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.

# 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 <sup>2</sup> /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.

$$L_h = L_{10} \times F_c \quad \text{Grease life (hours)}$$

$L_h$  = Grease life (hours).

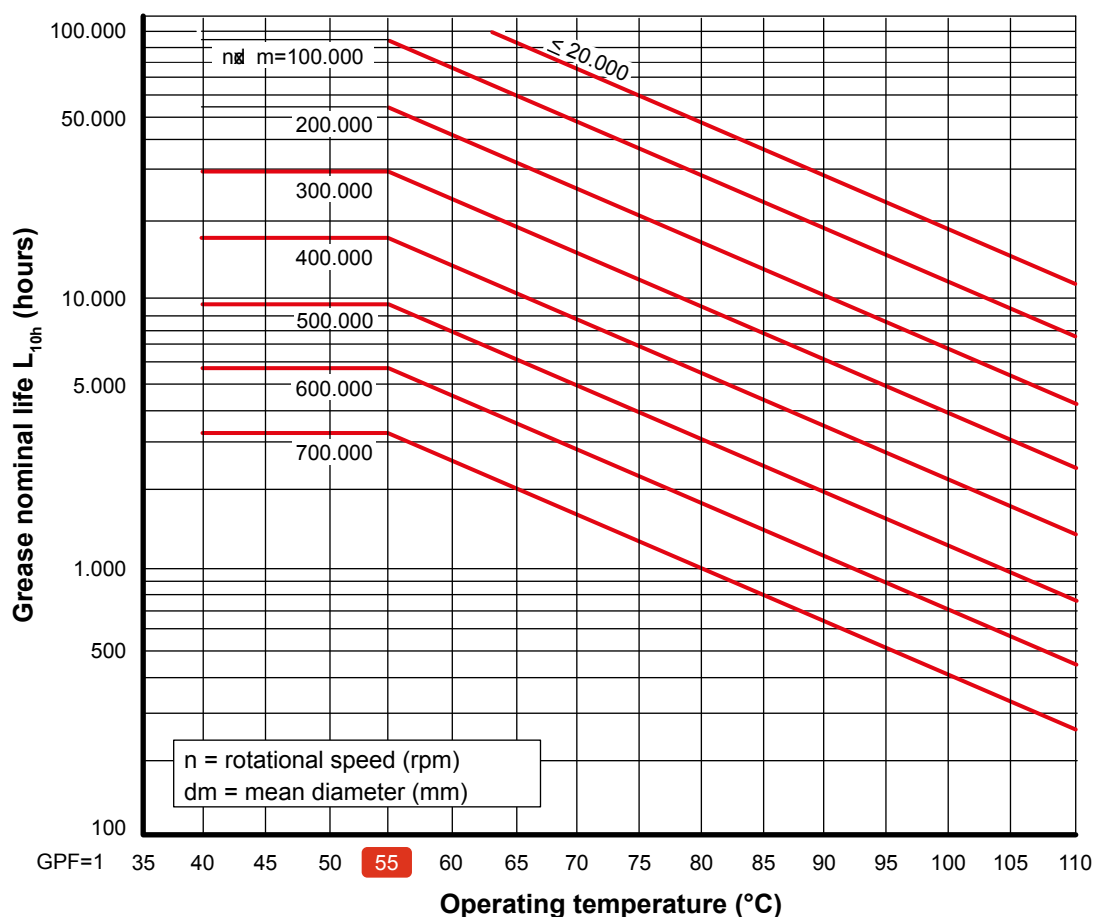
$L_{10h}$  = Grease nominal life (hours). See Diagram 1.

$F_c$  = Correction factor. See Diagram 2.

## Diagram 1

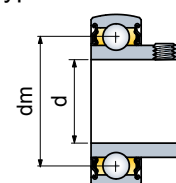
- Grease nominal life  $L_{10h}$

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 ( $^{\circ}\text{C}$ ). Greases are classified by a factor GPF (Grease Performance Factor), related to their temperature performance. In this table we consider a grease with  $\text{GPF} = 1$ , which is the grease used in all Marbett LifeLube bearings.

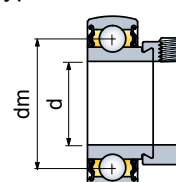


$dm$  (mm) = mean diameter.

Type A



Type D



| dia.<br>$d$<br>mm | dia.<br>$dm$<br>mm |
|-------------------|--------------------|
| 17                | 28,5               |
| 20                | 33,5               |
| 25                | 38,5               |
| 30                | 46                 |
| 35                | 53,5               |
| 40                | 60                 |
| 45                | 65                 |
| 50                | 70                 |

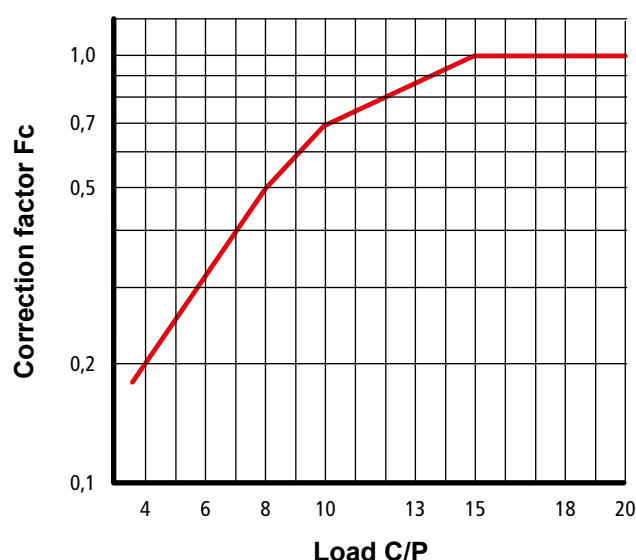
55 = At room temperature, with normal working conditions, the grease works at a temperature lower than 55 $^{\circ}\text{C}$ .

# Grease life in bearings lubricated for life

(dry use recommended)

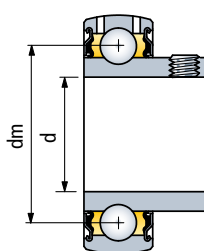
## Diagram 2 - Correction factor $F_c$

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.

## Example of calculation

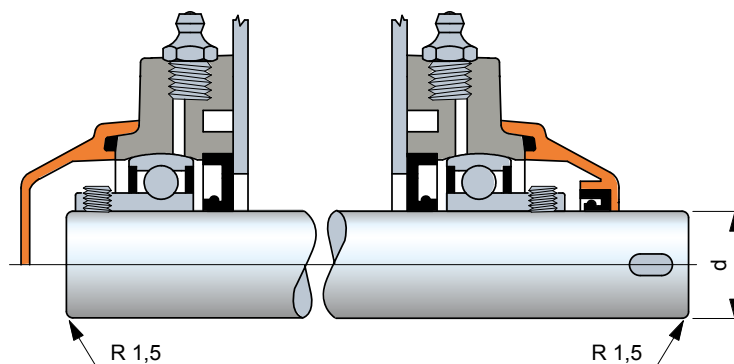


- Data:
- Bearing Type **A**.
  - $d = 40$  mm (shaft dia.).
  - $dm = 60$  mm. (bearing mean dia.).
  - $n = 300$  rpm. (rotational speed).
  - $55^\circ\text{C}$  (grease operating temperature).
  - $C = 23600$  N (Dynamic load coefficient).
  - $P = 3000$  N (equivalent dynamic load).
- From Diagram 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

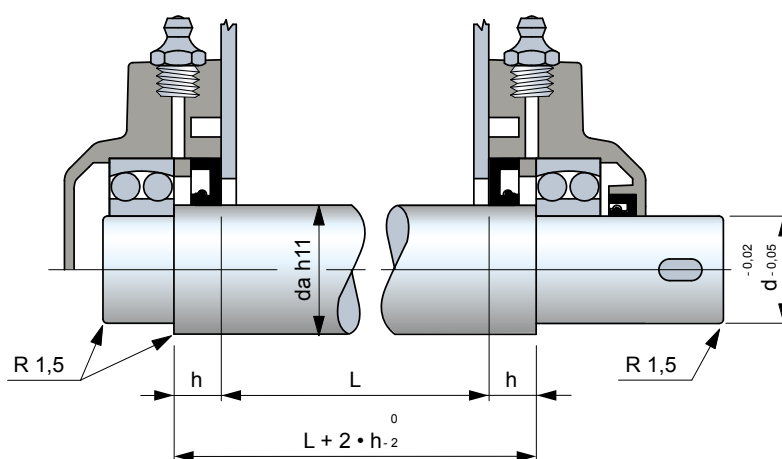
- The tables indicate shaft diameter tolerances.
- Shaft ends must be rounded off in order to:
  - ease assembly and avoid bearing jamming.
  - avoid damages to the rubber parts of the sealing units.
- The shaft surface for the portion in contact with the sealing gaskets must be smooth and free of defects (scratches etc.).



## ISO shaft tolerance

| Shaft<br>dia.<br>d<br>mm | Heavy loads<br>High speed |      | Normal<br>operation |      | Light loads<br>Low speed |      | Simple applications |      |      |      |      |      |
|--------------------------|---------------------------|------|---------------------|------|--------------------------|------|---------------------|------|------|------|------|------|
|                          | h 6                       |      | h 7                 |      | h 8                      |      | h 9                 |      | h 10 |      | h 11 |      |
|                          | plus                      | min. | plus                | min. | plus                     | min. | plus                | min. | plus | min. | plus | min. |
| 17                       | 0                         | -11  | 0                   | -18  | 0                        | -27  | 0                   | -43  | 0    | -70  | 0    | -110 |
| 20 ÷ 30                  | 0                         | -13  | 0                   | -21  | 0                        | -33  | 0                   | -52  | 0    | -84  | 0    | -130 |
| 35 ÷ 50                  | 0                         | -16  | 0                   | -25  | 0                        | -39  | 0                   | -62  | 0    | -100 | 0    | -160 |

Tolerances in  $\mu\text{m}$



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.



## 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           |     | Bearings | Bearings                  |      | Bearings |
|                      | A                  | A C |          | A                         | A C  |          |
| 17                   | 2,5                | 3   | 3        | 3,5                       | 4    | 4        |
| 20                   | 3                  | 3   | 3        | 4                         | 4    | 4        |
| 25                   | 3                  | 3   | 3        | 4                         | 4    | 4        |
| 30                   | 3                  | 3   | 3        | 4                         | 4    | 4        |
| 35                   | 3                  | 4   | 4        | 4                         | 6,5  | 6,5      |
| 40                   | 4                  | 4   | 4        | 6,5                       | 6,5  | 6,5      |
| 45                   | 4                  | 4   | 4        | 6,5                       | 6,5  | 6,5      |
| 50                   | 4                  | 5   | 4        | 6,5                       | 16,5 | 6,5      |

## 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.

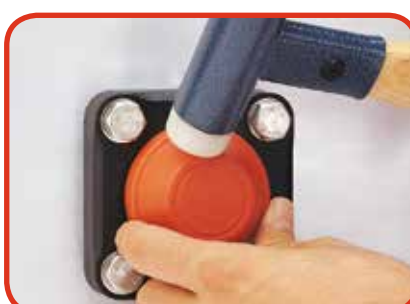
5 - Hand tighten the grub screw. The screw driver dimension and the tightening couple are given in the table above (Ref. D series bearings).



## Assembly / removal of the protection cover

6 - Assembly. The sealing unit of open end covers must be greased to avoid initial dry running on the shaft. The grease must fill only the space in between the two sealing lips.

7 - Removal. Insert a screw driver into the groove provided for and force the cover out.





| Resistance against chemical agents | POLYAMIDE<br>PA | POLYPROPYLENE<br>PP | POLYETHYLENE<br>PE | ACETAL<br>POM | AISI 303<br>AISI 304 | AISI 316    | NICKEL PLATED<br>BRASS | NBR<br>RUBBER | VITON<br>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

|                     |                                   | Operating temperatures (°C) |       |                        |
|---------------------|-----------------------------------|-----------------------------|-------|------------------------|
|                     |                                   | contact with air            |       | contact with hot water |
| Material            | Description                       | Min                         | Max   | Max                    |
| PA                  | Polyamid                          | 0                           | + 80  | + 65                   |
| PA FV               | Reinforced polyamid               | – 5                         | + 120 | + 100                  |
| PP                  | Polypropylene                     | + 5                         | + 105 | + 105                  |
| PP FV               | Reinforced polypropylene          | + 5                         | + 115 | + 115                  |
| PE (UHMWPE)         | Polyethylene                      | – 40                        | + 80  | + 70                   |
| POM                 | Acetal                            | – 40                        | + 80  | + 65                   |
| Rex-LF®             | Acetal                            | – 40                        | + 80  | + 65                   |
| AISI 303 - AISI 304 | Austenitic stainless steel (18/8) | – 70                        | + 430 | + 120                  |
| Fe Zn               | Zinc plated steel                 | – 40                        | + 180 | –                      |
| OT                  | Nickel plated brass               | – 40                        | + 180 | + 120                  |

|              | Page.     |             | Page. |             | Page.     |                   | Page.     |
|--------------|-----------|-------------|-------|-------------|-----------|-------------------|-----------|
| Part. S0000  | S109      | Part. S0275 | S025  | Part. S0580 | S064      | Part. S0766       | S022      |
| Part. S0050  | S098      | Part. S0275 | S087  | Part. S0581 | S060      | Part. S0767       | S020      |
| Part. S0061  | S110      | Part. S0280 | S125  | Part. S0581 | S061      | Part. S0767       | S052      |
| Part. S0063  | S083      | Part. S0296 | S058  | Part. S0594 | S045      | Part. S0768       | S020      |
| Part. S0070  | S096      | Part. S0298 | S101  | Part. S0599 | S103      | Part. S0768       | S052      |
| Part. S0071  | S096      | Part. S0303 | S143  | Part. S0611 | S127      | Part. S0770       | S051      |
| Part. S0073  | S028      | Part. S0308 | S046  | Part. S0612 | S152-S153 | Part. S0771       | S043      |
| Part. S0075  | S154      | Part. S0317 | S048  | Part. S0613 | S033      | Part. S0782       | S030      |
| Part. S0082P | S094      | Part. S0337 | S140  | Part. S0614 | S033      | Part. S0784       | S007      |
| Part. S0107  | S103      | Part. S0338 | S113  | Part. S0615 | S126      | Part. S0786       | S121      |
| Part. S0126  | S028      | Part. S0339 | S120  | Part. S0616 | S129      | Part. S0787       | S030      |
| Part. S0128  | S082-S083 | Part. S0340 | S118  | Part. S0617 | S104      | Part. S0814       | S010      |
| Part. S0137  | S132      | Part. S0341 | S136  | Part. S0618 | S127      | Part. S0822       | S004      |
| Part. S0140  | S104      | Part. S0342 | S136  | Part. S0619 | S128      | Part. S0825       | S004      |
| Part. S0153  | S027      | Part. S0346 | S050  | Part. S0632 | S105      | Part. S0826       | S031      |
| Part. S0159  | S095      | Part. S0356 | S021  | Part. S0634 | S010      | Part. S0827       | S031      |
| Part. S0174  | S118      | Part. S0362 | S007  | Part. S0637 | S106      | Part. S0837       | S156      |
| Part. S0182  | S144      | Part. S0366 | S014  | Part. S0642 | S056      | Part. S0840       | S006      |
| Part. S0183  | S144      | Part. S0367 | S014  | Part. S0643 | S056      | Part. S0846       | S148      |
| Part. S0184  | S100      | Part. S0368 | S015  | Part. S0645 | S057      | Part. S0847       | S148      |
| Part. S0185  | S145      | Part. S0369 | S012  | Part. S0654 | S045      | Part. S0848       | S148      |
| Part. S0190  | S100      | Part. S0369 | S054  | Part. S0657 | S035      | Part. S0849       | S148      |
| Part. S0191  | S058      | Part. S0371 | S017  | Part. S0661 | S116      | Part. S0850-S0865 | S148      |
| Part. S0192  | S108      | Part. S0372 | S138  | Part. S0662 | S097      | Part. S0852       | S081      |
| Part. S0198  | S124      | Part. S0378 | S059  | Part. S0672 | S146      | Part. S0854       | S081      |
| Part. S0199  | S122      | Part. S0387 | S008  | Part. S0674 | S011      | Part. S0856       | S078      |
| Part. S0210P | S086      | Part. S0393 | S047  | Part. S0685 | S135      | Part. S0857       | S079      |
| Part. S0211  | S087      | Part. S0421 | S029  | Part. S0686 | S134      | Part. S0858       | S016      |
| Part. S0213  | S088      | Part. S0422 | S054  | Part. S0692 | S114      | Part. S0862       | S107      |
| Part. S0213  | S088      | Part. S0518 | S139  | Part. S0694 | S090      | Part. S0864       | S148      |
| Part. S0215  | S025      | Part. S0523 | S037  | Part. S0698 | S097      | Part. S0868       | S070      |
| Part. S0215  | S091      | Part. S0523 | S037  | Part. S0699 | S115      | Part. S0868       | S072      |
| Part. S0217  | S090      | Part. S0524 | S036  | Part. S0708 | S102      | Part. S0869       | S071      |
| Part. S0218  | S085      | Part. S0533 | S039  | Part. S0715 | S043      | Part. S0869       | S073      |
| Part. S0219  | S049      | Part. S0535 | S065  | Part. S0725 | S111      | Part. S0885       | S013      |
| Part. S0223  | S023      | Part. S0537 | S065  | Part. S0729 | S036      | Part. S0885       | S015      |
| Part. S0223  | S048      | Part. S0539 | S057  | Part. S0732 | S116      | Part. S0902       | S024      |
| Part. S0226  | S112      | Part. S0550 | S018  | Part. S0736 | S089      | Part. S0903       | S024      |
| Part. S0237  | S092      | Part. S0554 | S032  | Part. S0737 | S089      | Part. S0903       | S091      |
| Part. S0241  | S003      | Part. S0555 | S034  | Part. S0754 | S075      | Part. S0905       | S150-S151 |
| Part. S0243  | S003      | Part. S0556 | S032  | Part. S0755 | S067      | Part. R0098       | R10-R11   |
| Part. S0244  | S006      | Part. S0557 | S062  | Part. S0755 | S069      | Part. R0133       | R14-R15   |
| Part. S0247  | S049      | Part. S0562 | S130  | Part. S0756 | S074      | Part. R0134       | R20       |
| Part. S0247  | S092      | Part. S0563 | S130  | Part. S0756 | S076      | Part. R0173       | R08-R09   |
| Part. S0251  | S005      | Part. S0564 | S131  | Part. S0757 | S066      | Part. R0180       | R40       |
| Part. S0256  | S107      | Part. S0565 | S042  | Part. S0757 | S068      | Part. R0224       | R41       |
| Part. S0260  | S140      | Part. S0567 | S146  | Part. S0758 | S034      | Part. R0297       | R21       |
| Part. S0261  | S005      | Part. S0568 | S147  | Part. S0760 | S080      | Part. R0323       | R12-R13   |
| Part. S0262  | S002      | Part. S0569 | S147  | Part. S0763 | S117      | Part. R0349       | R34       |
| Part. S0272  | S142      | Part. S0570 | S063  | Part. S0765 | S021      | Part. R0406       | R39       |
| Part. S0273  | S053      | Part. S0580 | S062  | Part. S0765 | S053      | Part. R0408       | R35       |

| Part.          | Page.   | Part.         | Page. |
|----------------|---------|---------------|-------|
| Part. R0479    | R16-R17 | Part. UCF/C   | B04   |
| Part. R0622    | R26-R27 | Part. UCF/CL  | B06   |
| Part. R0623    | R28-R29 | Part. UCFB    | B30   |
| Part. R0626    | R22-R23 | Part. UCFB/C  | B28   |
| Part. R0627    | R23-R25 | Part. UCFC    | B40   |
| Part. R0628    | R30-R31 | Part. UCFC/C  | B38   |
| Part. R0629    | R32-R33 | Part. UCFL    | B20   |
| Part. R0747    | R36     | Part. UCFL/C  | B18   |
| Part. R0747F   | R37     | Part. UCFLN   | B16   |
| Part. R0748    | R36     | Part. UCFLN/C | B14   |
| Part. R0748F   | R37     | Part. UCFS/C  | B10   |
| Part. R0749    | R36     | Part. UCP     | B24   |
| Part. R0750S   | R38     | Part. UCP/C   | B22   |
| Part. R0750SF  | R38     | Part. UCPA/C  | B26   |
| Part. R0869    | R18-R19 | Part. UCT/C   | B36   |
| Part. F        | B12     |               |       |
| Part. HCF      | B08     |               |       |
| Part. HCF/C    | B04     |               |       |
| Part. HCF/CL   | B06     |               |       |
| Part. HCFB     | B30     |               |       |
| Part. HCFB/C   | B28     |               |       |
| Part. HCFL     | B20     |               |       |
| Part. HCFL/C   | B18     |               |       |
| Part. HCFLN    | B16     |               |       |
| Part. HCFLN/C  | B14     |               |       |
| Part. HCFS/C   | B10     |               |       |
| Part. HCP      | B24     |               |       |
| Part. HCP/C    | B22     |               |       |
| Part. HCPA/C   | B26     |               |       |
| Part. HCT/C    | B36     |               |       |
| Part. SBF      | B42     |               |       |
| Part. SF       | B12     |               |       |
| Part. SHCF     | B08     |               |       |
| Part. SHCF/C   | B04     |               |       |
| Part. SHCF/CL  | B06     |               |       |
| Part. SHCFL    | B20     |               |       |
| Part. SHCFL/C  | B18     |               |       |
| Part. SHCFLN   | B16     |               |       |
| Part. SHCFLN/C | B14     |               |       |
| Part. SHCFS/C  | B10     |               |       |
| Part. SQL      | B34     |               |       |
| Part. SQL/C    | B32     |               |       |
| Part. SUCF     | B08     |               |       |
| Part. SUCF/C   | B04     |               |       |
| Part. SUCF/CL  | B06     |               |       |
| Part. SUCFL    | B20     |               |       |
| Part. SUCFL/C  | B18     |               |       |
| Part. SUCFLN   | B16     |               |       |
| Part. SUCFLN/C | B14     |               |       |
| Part. SUCFS/C  | B10     |               |       |
| Part. UCF      | B08     |               |       |

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## Why Choose Rexnord?

When it comes to providing highly engineered products that improve productivity and efficiency for industrial applications worldwide, Rexnord is the most reliable in the industry. Commitment to customer satisfaction and superior value extend across every business function.

### Delivering Lowest Total Cost of Ownership

The highest quality products are designed to help prevent equipment downtime and increase productivity and dependable operation.

### Valuable Expertise

An extensive product offering is accompanied by global sales specialists, customer service and maintenance support teams, available anytime.

### Solutions to Enhance Ease of Doing Business

Commitment to operational excellence ensures the right products at the right place at the right time.

# REXNORD

## Rexnord Company Overview

Rexnord is a growth-oriented, multi-platform industrial company with leading market shares and highly trusted brands that serve a diverse array of global end markets.

### Process & Motion Control

The Rexnord Process & Motion Control platform designs, manufactures, markets and services specified, highly engineered mechanical components used within complex systems where our customers' reliability requirements and the cost of failure or downtime are extremely high.

### Water Management

The Rexnord Water Management platform designs, procures, manufactures and markets products that provide and enhance water quality, safety, flow control and conservation.