

# Manual **lifting** tables

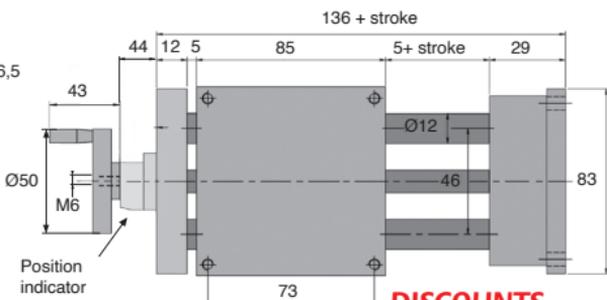
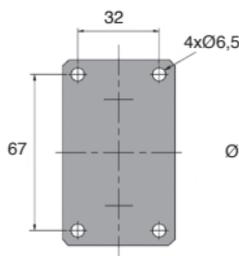
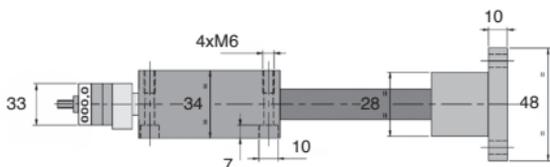
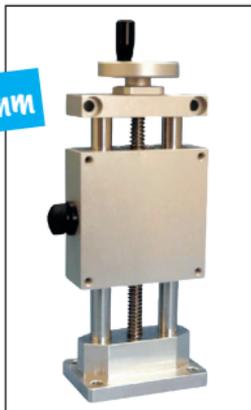
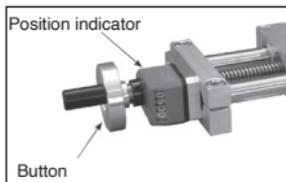


## TBV1 For vertical strokes - Ø 12 mm column

### Manually operated leadscrew table

- Right handed leadscrew TR10x2
- 12 mm diameter guide rods
- Fixed by the extremities for vertical or off-centred applications
- Guided by 2 steel rods on 4 brass bearings (no wiper joints)
- With position indicator and button
- Axial precision <math><0.10\text{ mm}</math>
- Material:  
Aluminium, steel
- Working temperature range:  
 $+5^\circ$  to  $+80^\circ\text{ C}$

Accurate to 0.1 mm



### DISCOUNTS

|       |           |            |    |
|-------|-----------|------------|----|
| Qty   | 1+        | 2+         | 3+ |
| Disc. | List -10% | On request |    |

| Part number | Stroke | Leadscrew | Max supported load (kg) | Moving torque on hand wheel (Nm) | Indication for 1 rev | Weight* (kg) | Price each |
|-------------|--------|-----------|-------------------------|----------------------------------|----------------------|--------------|------------|
| TBV1-50-CV  | 50     | TR10x2    | 3                       | 0,30                             | 002,0                | 1,20         | 557,52 €   |
| TBV1-100-CV | 100    | TR10x2    | 3                       | 0,30                             | 002,0                | 1,31         | 557,52 €   |
| TBV1-150-CV | 150    | TR10x2    | 3                       | 0,30                             | 002,0                | 1,42         | 561,56 €   |
| TBV1-200-CV | 200    | TR10x2    | 3                       | 0,30                             | 002,0                | 1,53         | 561,56 €   |
| TBV1-300-CV | 300    | TR10x2    | 3                       | 0,30                             | 002,0                | 1,75         | 565,63 €   |

\*Weight without hand wheel or indicator - Dimensions in mm

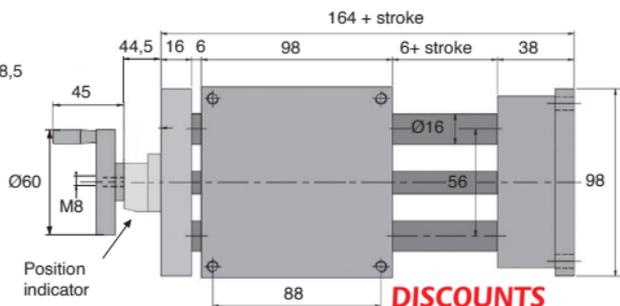
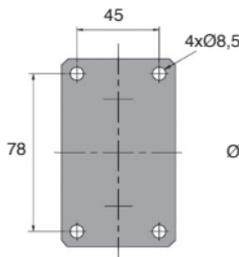
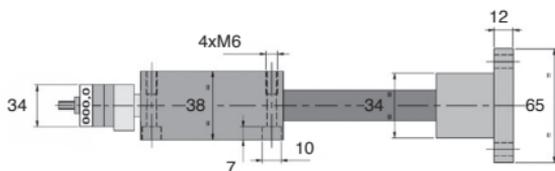
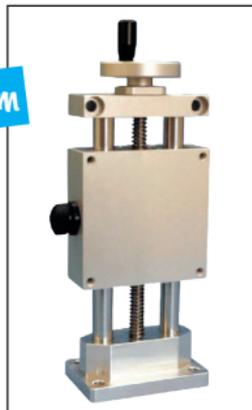
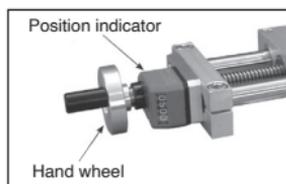


# Manual lifting tables

## For vertical strokes – Ø16 mm column TBV2

- **Manually operated leadscrew table**
- Right handed leadscrew TR12x3
- 16mm diameter guide rods
- Fixed by the extremities for vertical or off-centred applications
- Guided by 2 steel rods on 4 brass bearings (no wiper joints)
- With position indicator and hand wheel
- Axial precision <math><0.10\text{ mm}</math>
- Material: Aluminium, steel
- Working temperature range: +5° to +80°C

Accurate to 0.1 mm



### DISCOUNTS

|       |           |            |    |
|-------|-----------|------------|----|
| Qty   | 1+        | 2+         | 3+ |
| Disc. | List -10% | On request |    |

| Part number | Stroke | Leadscrew | Max supported load (kg) | Moving torque on hand wheel (Nm) | Indication for 1 rev | Weight* (kg) | Price each |
|-------------|--------|-----------|-------------------------|----------------------------------|----------------------|--------------|------------|
| TBV2-50-CV  | 50     | TR12x3    | 7                       | 0,45                             | 003,0                | 2,11         | 609,05 €   |
| TBV2-100-CV | 100    | TR12x3    | 7                       | 0,45                             | 003,0                | 2,29         | 609,05 €   |
| TBV2-150-CV | 150    | TR12x3    | 7                       | 0,45                             | 003,0                | 2,47         | 615,66 €   |
| TBV2-200-CV | 200    | TR12x3    | 7                       | 0,45                             | 003,0                | 2,65         | 615,66 €   |
| TBV2-300-CV | 300    | TR12x3    | 7                       | 0,45                             | 003,0                | 3,01         | 622,28 €   |

\*Weight without hand wheel or indicator - Dimensions in mm

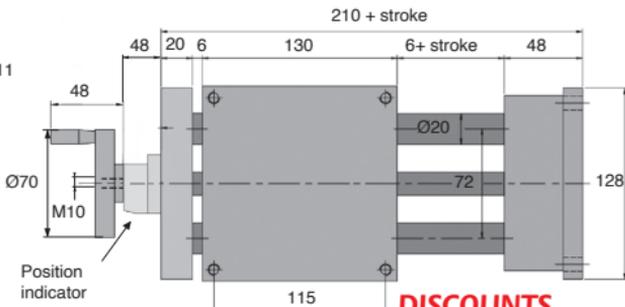
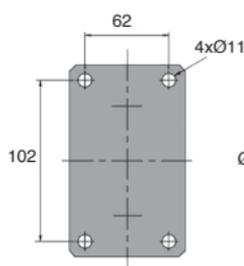
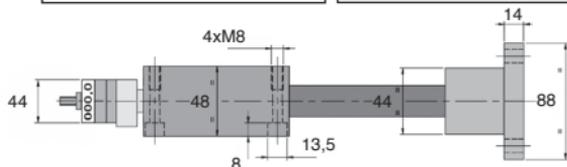
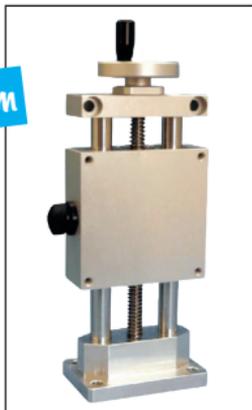
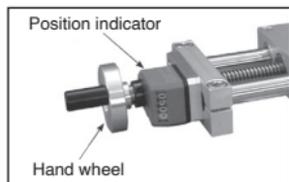
# Manual **lifting** tables



## TBV3 For vertical strokes – Ø20 mm column

- **Manually operated leadscrew table**
- Right handed leadscrew TR16x4
- 20 mm diameter guide rods
- Fixed by the extremities for vertical or off-centred applications
- With position indicator and hand wheel
- Axial precision <math><0.10\text{ mm}</math>
- Material: Aluminium, steel
- Working temperature range: +5 to +80 °C

**Accurate to 0.1 mm**



### DISCOUNTS

|       |           |            |    |
|-------|-----------|------------|----|
| Qty   | 1+        | 2+         | 3+ |
| Disc. | List -10% | On request |    |

| Part number | Stroke | Leadscrew | Max supported load (kg) | Moving torque on hand wheel(Nm) | Indication for 1 rev | Weight* (kg) | Price each |
|-------------|--------|-----------|-------------------------|---------------------------------|----------------------|--------------|------------|
| TBV3-50-CV  | 50     | TR16x4    | 12                      | 0,60                            | 004,0                | 4,12         | 738,49 €   |
| TBV3-100-CV | 100    | TR16x4    | 12                      | 0,60                            | 004,0                | 4,43         | 738,49 €   |
| TBV3-150-CV | 150    | TR16x4    | 12                      | 0,60                            | 004,0                | 4,74         | 747,33 €   |
| TBV3-200-CV | 200    | TR16x4    | 12                      | 0,60                            | 004,0                | 5,05         | 747,33 €   |
| TBV3-300-CV | 300    | TR16x4    | 12                      | 0,60                            | 004,0                | 5,67         | 756,12 €   |

\*Weight without hand wheel or indicator - Dimensions in mm



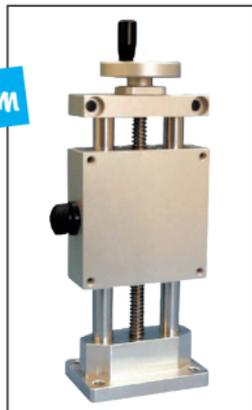
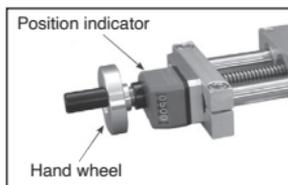
# Manual lifting tables

## For vertical strokes - Ø25 mm column TBV4

### - Manually operated leadscrew table

- Right handed leadscrew TR16x4
- 25 mm diameter guide rods
- Fixed by the extremities for vertical or off-centred applications
- Guided by 2 steel rods on 4 brass bearings (no wiper joints)
- Axial precision (in locked position) <0.05 mm
- With position indicator and hand wheel
- Axial precision <0.10 mm
- Material: Aluminium, steel
- Working temperature range: +5 to + 80°C

Accurate to 0.1 mm

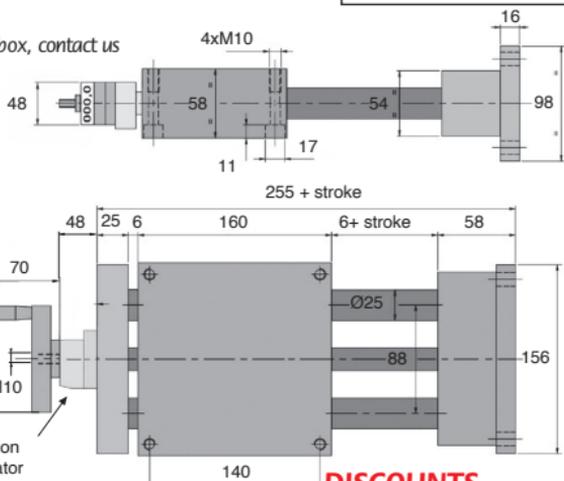
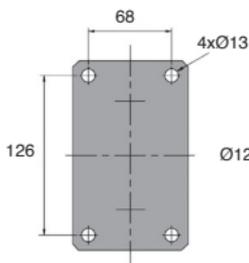


### Option

- Handwheel with angular gearbox, contact us



### Option angular gearbox



### DISCOUNTS

| Qty   | 1+        | 2+         | 3+ |
|-------|-----------|------------|----|
| Disc. | List -10% | On request |    |

| Part number | Stroke | Leadscrew | Max supported load (kg) | Moving torque on hand wheel(Nm) | Indication for 1 rev | Weight* (kg) | Price each |
|-------------|--------|-----------|-------------------------|---------------------------------|----------------------|--------------|------------|
| TBV4-50-CV  | 50     | TR16x4    | 20                      | 1,25                            | 004,0                | 7,28         | 918,64 €   |
| TBV4-100-CV | 100    | TR16x4    | 20                      | 1,25                            | 004,0                | 7,73         | 918,64 €   |
| TBV4-150-CV | 150    | TR16x4    | 20                      | 1,25                            | 004,0                | 8,18         | 930,07 €   |
| TBV4-200-CV | 200    | TR16x4    | 20                      | 1,25                            | 004,0                | 8,63         | 930,07 €   |
| TBV4-300-CV | 300    | TR16x4    | 20                      | 1,25                            | 004,0                | 9,53         | 941,50 €   |

\*Weight without hand wheel or indicator - Dimensions in mm

## CQA

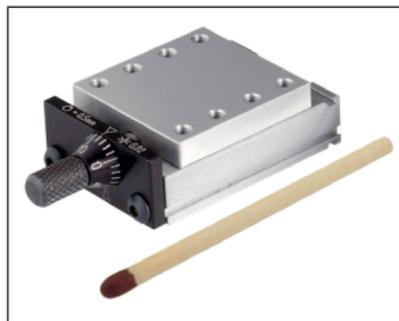
## Load 180N

### - **Adjustment slide-system with dovetail joint**

- Allows backlash-free adjustment for exact positioning and fixing.
- Several tables can be combined by using the connecting sets XY and XZ (adjustment screw Torx T7 M3x9 provided with the sets)

### -Material:

anodised aluminium without colorisation

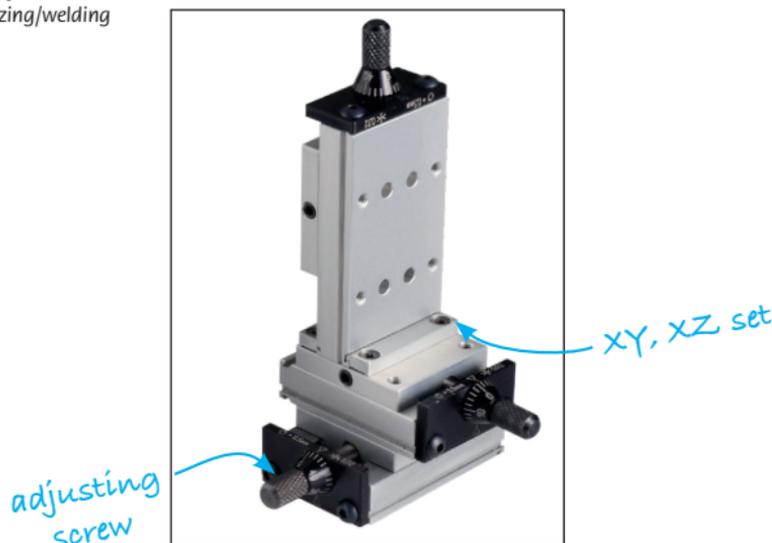


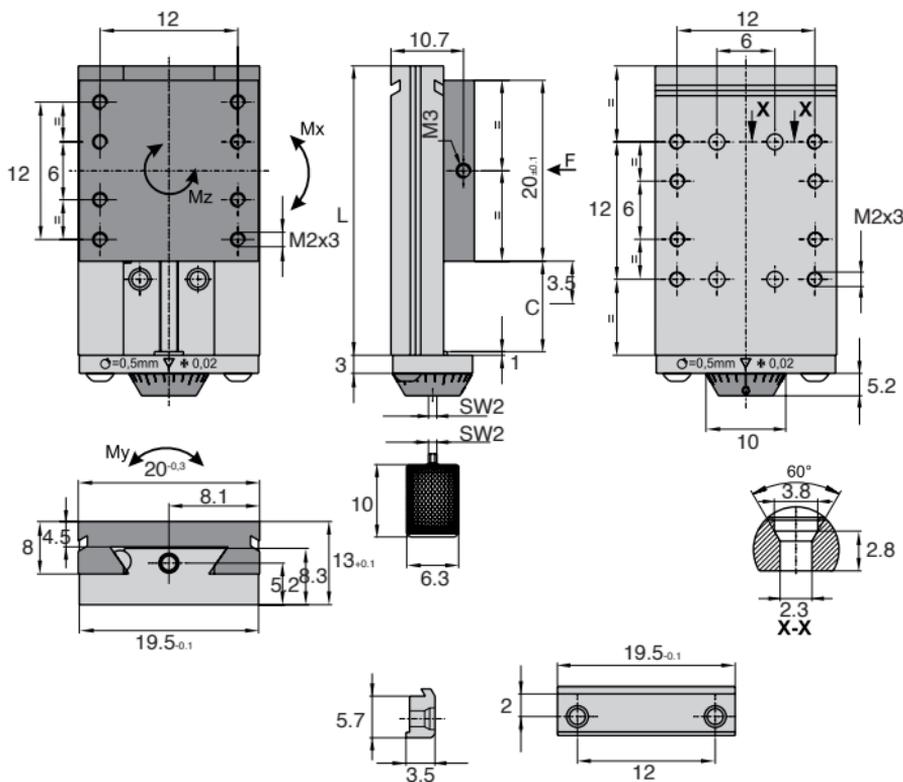
## Advantages

- Small footprint
- Backlash-free slide, axial or radial offset  $\leq 3 \mu\text{m}$ .
- Combination possible on different high speed shafts
- Micrometer scale

## Use

- Positioning of cameras, microscopes, laser heads
- 3D measurements
- Burner focusing
- Fine adjustment of brazing/welding heads





## DISCOUNTS

|             |      |      |            |
|-------------|------|------|------------|
| Qty         | 1+   | 2+   | 3+         |
| Disc. Price | -15% | -15% | On request |

| Part number             | Stroke<br>L       | Stroke<br>C | F<br>(N) | Maximum loads |            |            | Weight<br>(g) | Price<br>per unit |
|-------------------------|-------------------|-------------|----------|---------------|------------|------------|---------------|-------------------|
|                         |                   |             |          | Mx<br>(Nm)    | My<br>(Nm) | Mz<br>(Nm) |               |                   |
| <b>Adjustable slide</b> |                   |             |          |               |            |            |               |                   |
| CQA20-5                 | 30                | 5           | 180      | 0.45          | 2.0        | 0.30       | 30            | 535,50 €          |
| CQA20-10                | 35                | 10          | 180      | 0.45          | 2.0        | 0.30       | 30            | 517,05 €          |
| CQA20-20                | 45                | 20          | 180      | 0.45          | 2.0        | 0.30       | 30            | 550,89 €          |
| <b>Accessories</b>      |                   |             |          |               |            |            |               |                   |
| CQA20-XY                | Connection set XY |             |          |               |            |            |               | 35,39 €           |
| CQA20-XZ                | Connection set XZ |             |          |               |            |            |               | 43,07 €           |

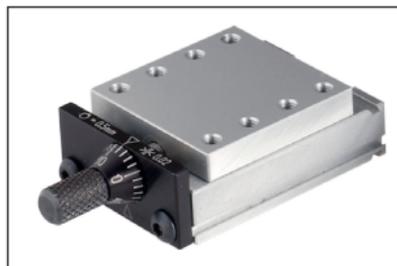
Dimensions in mm

# Adjustment slide-system - **Miniature** size 30

## CQA

## Load 350N

- **Adjustment slide-system with dovetail joint**
- Allows backlash-free adjustment for exact positioning and fixing.
- Several tables can be combined by using the connecting sets XY and XZ (adjustment screw Torx T9 M3x9 provided with the sets)
- Material:  
anodised aluminium without colorisation

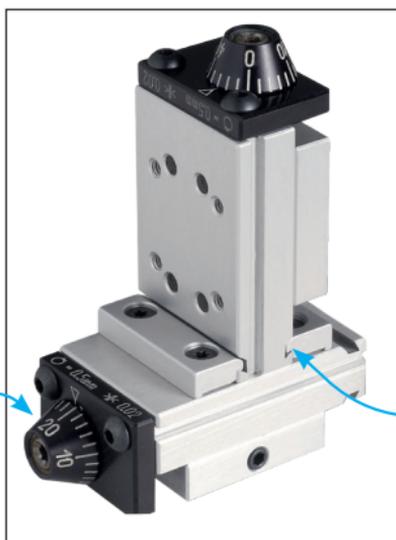


### Advantages

- Small footprint
- Backlash-free slide, axial or radial offset  $\leq 3 \mu\text{m}$ .
- Combination possible on different high speed shafts
- Micrometer scale

### Use

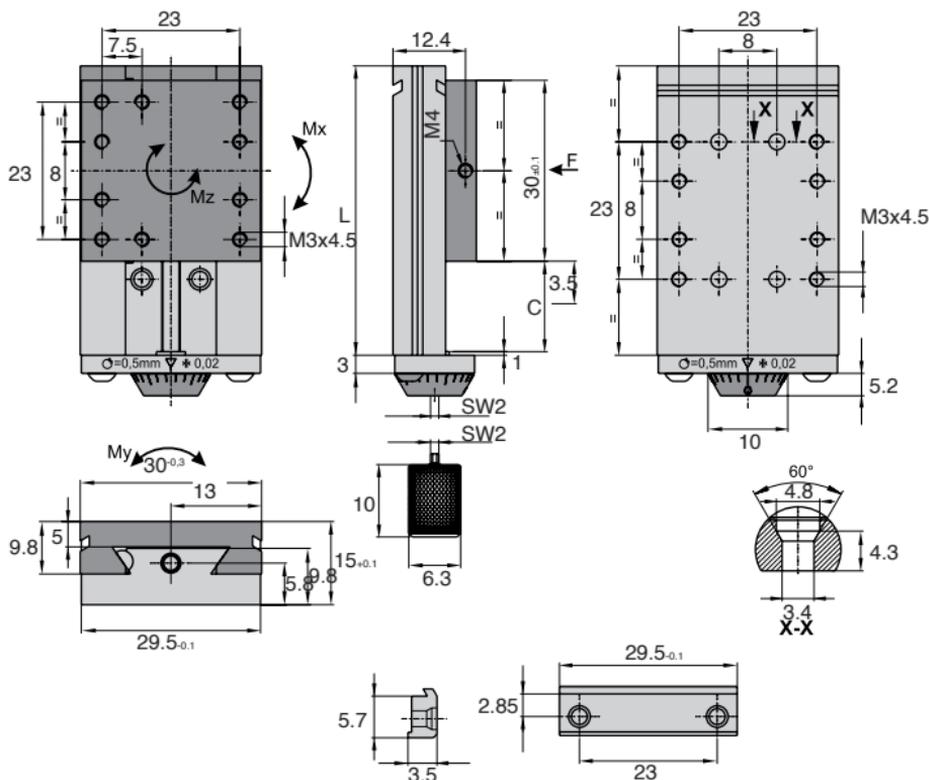
- Positioning of cameras, microscopes, laser heads
- 3D measurements
- Burner focusing
- Fine adjustment of brazing/welding heads



adjusting  
screw

kit XY, XZ

Assembly example



## DISCOUNTS

|             |      |      |            |
|-------------|------|------|------------|
| Qty         | 1+   | 2+   | 3+         |
| Disc. Price | -15% | -15% | On request |

| Part number             | Stroke<br>L       | Stroke<br>C | F<br>(N) | Maximum loads |            |            | Weight<br>(g) | Price<br>per unit |
|-------------------------|-------------------|-------------|----------|---------------|------------|------------|---------------|-------------------|
|                         |                   |             |          | Mx<br>(Nm)    | My<br>(Nm) | Mz<br>(Nm) |               |                   |
| <b>Adjustable slide</b> |                   |             |          |               |            |            |               |                   |
| CQA30-5                 | 40                | 5           | 350      | 1.10          | 4.00       | 1.00       | 50            | 575,52 €          |
| CQA30-10                | 45                | 10          | 350      | 1.10          | 4.00       | 1.00       | 60            | 584,75 €          |
| CQA30-20                | 55                | 20          | 350      | 1.10          | 4.00       | 1.00       | 60            | 576,50 €          |
| <b>Accessories</b>      |                   |             |          |               |            |            |               |                   |
| CQA30-XY                | Connection set XY |             |          |               |            |            |               | 35,39 €           |
| CQA30-XZ                | Connection set XZ |             |          |               |            |            |               | 49,24 €           |

Dimensions in mm

# Domino 30 adjustable slide



## DOMI30

For C1 loads up to 150 N

- Suitable for heavy loads
- Low coefficient of friction
- High quality slideways
- Low backlash system
- Very fine adjustment (0.05mm)
- Standard axis lengths
- Simple control system

### Applications

- Fine adjustment of brazing/welding heads or plasma cutting heads
- Inkjet printer head positioning
- Camera positioning
- Machine parts positioning (milling head, milling spindles,...)
- Burner focusing
- Laser head positioning
- Moving stops
- Centred movement for lateral guidance (slide with left-right pin)

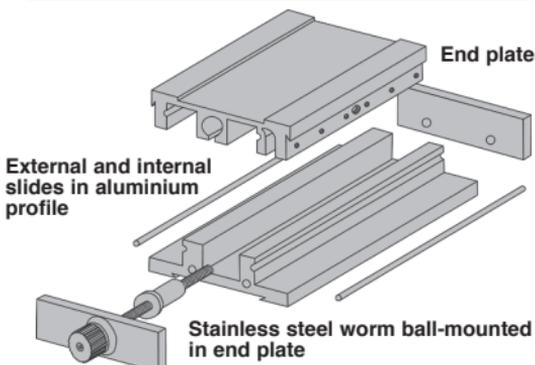
### Options

- Other stroke lengths available, please contact us for details
- If a digital counter is required to be fitted to the linear slide, replace /XY by Z in the part number

Precise adjustment



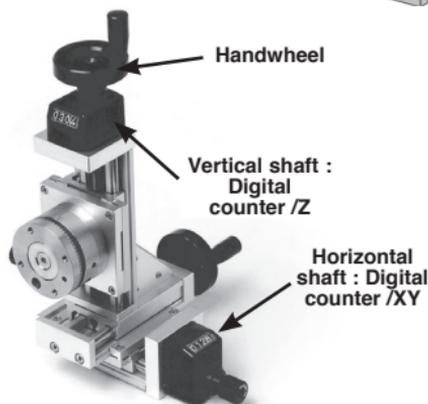
Slide only DOMI30



End plate

External and internal slides in aluminium profile

Stainless steel worm ball-mounted in end plate

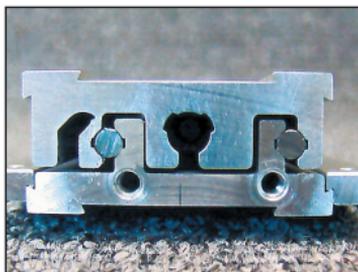


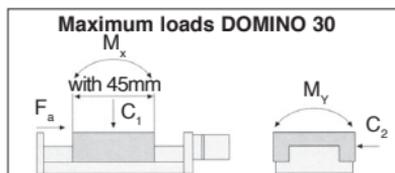
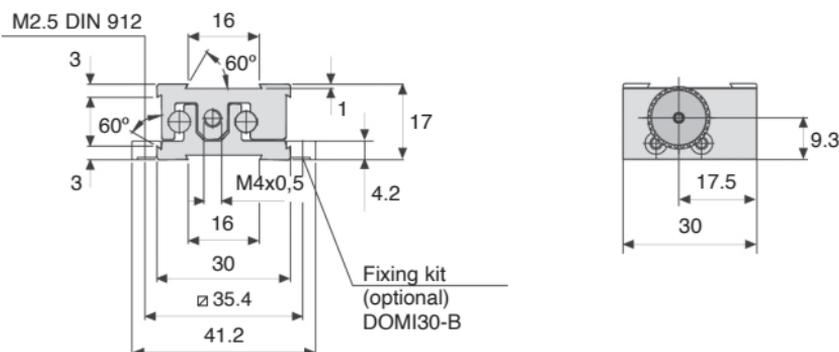
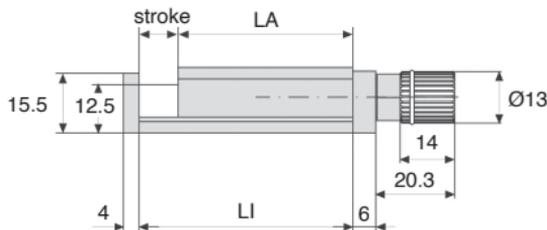
Handwheel

Vertical shaft : Digital counter /Z

Horizontal shaft : Digital counter /XY

DOMI30-CV Adjustable slide fitted with handwheel and counter





## DISCOUNTS

|       |      |      |            |
|-------|------|------|------------|
| Qty   | 1+   | 2+   | 3+         |
| Disc. | List | -20% | On request |

| Part number                        | LA | LI | Stroke (mm) | Pitch | C1 (N) | C2 (N) | Maximum loads |         |         |         | Price each |
|------------------------------------|----|----|-------------|-------|--------|--------|---------------|---------|---------|---------|------------|
|                                    |    |    |             |       |        |        | FA (N)        | Mx (Nm) | My (Nm) | Mz (Nm) |            |
| <b>Slide only</b>                  |    |    |             |       |        |        |               |         |         |         |            |
| DOMI30-5                           | 45 | 50 | 5           | 0,5   | 150    | 65     | 40            | 2       | 2       | 1       | 465,82 €   |
| DOMI30-10                          | 45 | 55 | 10          | 0,5   | 150    | 65     | 40            | 2       | 2       | 1       | 475,43 €   |
| DOMI30-15                          | 45 | 60 | 15          | 0,5   | 150    | 65     | 40            | 2       | 2       | 1       | 489,83 €   |
| DOMI30-20                          | 45 | 65 | 20          | 0,5   | 150    | 65     | 40            | 2       | 2       | 1       | 499,44 €   |
| <b>Slide with counter and knob</b> |    |    |             |       |        |        |               |         |         |         |            |
| DOMI30-5-CV/XY                     | 45 | 50 | 5           | 0,5   | 150    | 65     | 40            | 2       | 2       | 1       | 820,66 €   |
| DOMI30-10-CV/XY                    | 45 | 55 | 10          | 0,5   | 150    | 65     | 40            | 2       | 2       | 1       | 830,29 €   |
| DOMI30-15-CV/XY                    | 45 | 60 | 15          | 0,5   | 150    | 65     | 40            | 2       | 2       | 1       | 844,73 €   |
| DOMI30-20-CV/XY                    | 45 | 65 | 20          | 0,5   | 150    | 65     | 40            | 2       | 2       | 1       | 854,35 €   |

Dimensions in mm

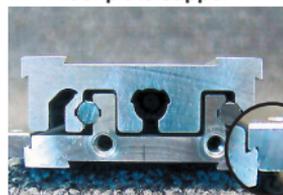


## DOMI30 For Domino 30 adjustable slides

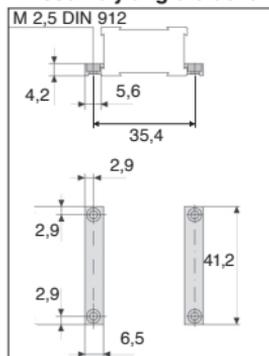
- The **fastening kit** is used to attach the DOMINO adjustable slide to its mounting surface.
- The **machineable mounting plate** allows you to attach other equipment to the adjustable slide.



Tool plate support



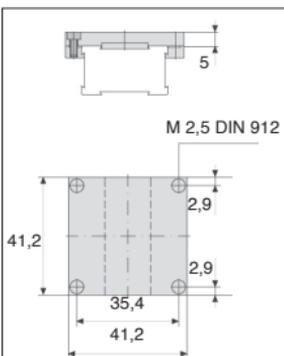
Assembly angle bracket



DOMI30-B fastening set



Typical application



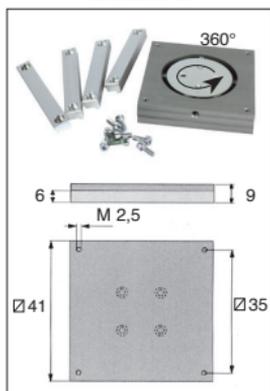
DOMI30-M mounting plate



Fastening set  
DOMI30-B



Mounting plate  
DOMI30-M



Turntable  
DOMI30-PT

### DISCOUNTS

|       |      |      |            |
|-------|------|------|------------|
| Qty   | 1+   | 2+   | 3+         |
| Disc. | List | -20% | On request |

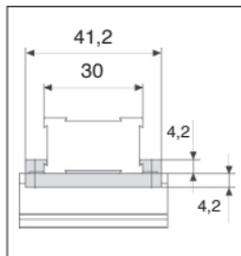
| Part number | Type             | Price each |
|-------------|------------------|------------|
| DOMI30-B    | Fastening set    | 27,73 €    |
| DOMI30-M    | Mounting plate   | 72,04 €    |
| DOMI30-PT   | Rotary turntable | 435,48 €   |

Dimensions in mm



## For Domino 30 adjustable slides **DOMI30**

- **Connecting kits** are used to join two DOMINO adjustable slides.



Connecting kit  
DOMI30-XY



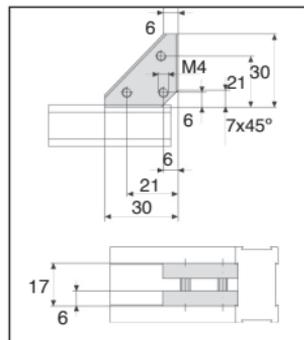
Connecting kit DOMI30-XY



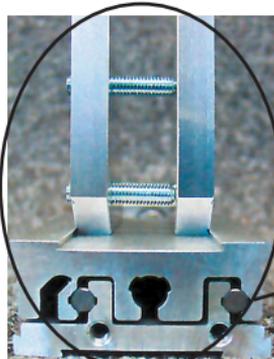
Connecting kit  
DOMI 30-XZ



X-Y connecting kit



Connecting kit  
DOMI30-XZ



X-Z connecting kit



Typical application

### DISCOUNTS

|       |      |      |            |
|-------|------|------|------------|
| Qty   | 1+   | 2+   | 3+         |
| Disc. | List | -20% | On request |

| Part number | Type               | Price each |
|-------------|--------------------|------------|
| DOMI30-XY   | Connecting kit X-Y | 64,97 €    |
| DOMI30-XZ   | Connecting kit X-Z | 74,44 €    |

Dimensions in mm

## DOMI50

For C1 loads up to 300 N

- Suitable for heavy loads
- Low coefficient of friction
- High quality slideways
- Low backlash system
- Very fine adjustment (0.05mm)
- Standard axis lengths
- Simple control system

### Applications

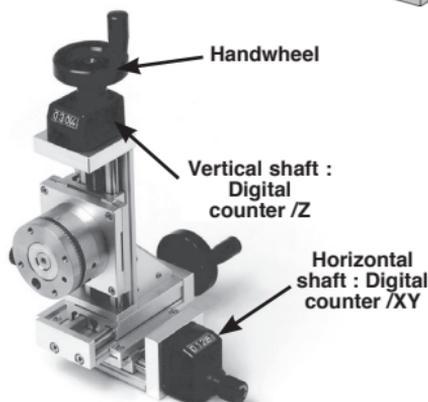
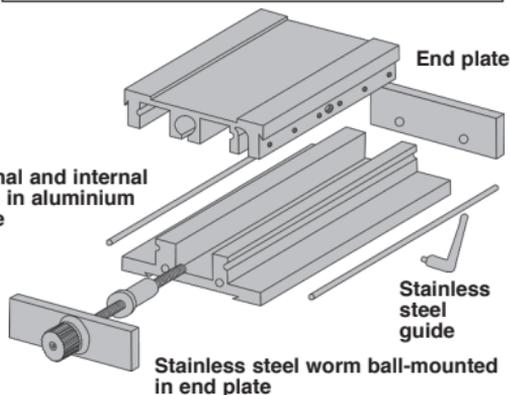
- Fine adjustment of brazing/welding heads or plasma cutting heads
- Inkjet printer head positioning
- Camera positioning
- Machine parts positioning (milling head, milling spindles,...)
- Burner focusing
- Laser head positioning
- Moving stops
- Centred movement for lateral guidance (slide with left-right pin)



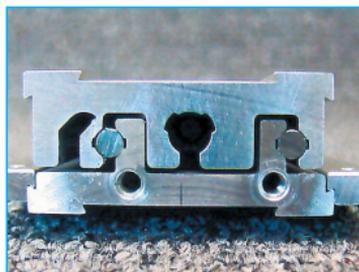
### Options

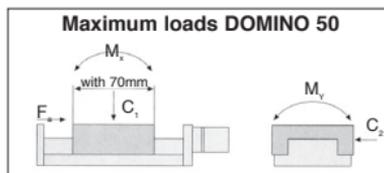
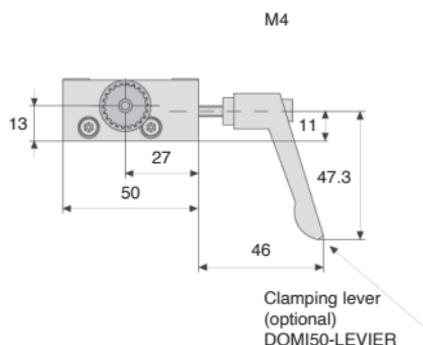
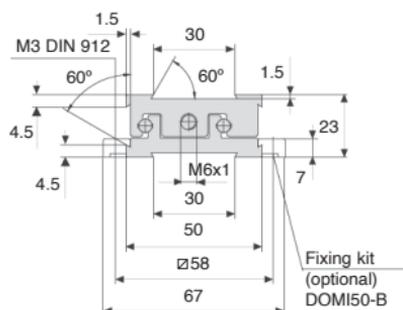
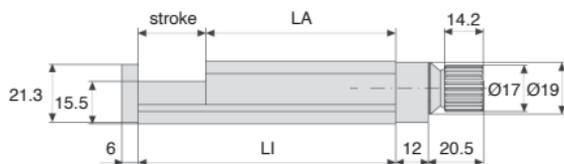
- Other stroke lengths available, please contact us for details
- If a digital counter is required to be fitted to the linear slide, replace /XY by Z in the part number

External and internal slides in aluminium profile



DOMI50-CV Adjustable slide fitted with handwheel and counter





## DISCOUNTS

|       |      |      |            |
|-------|------|------|------------|
| Qty   | 1+   | 2+   | 3+         |
| Disc. | List | -20% | On request |

| Part number                             | LA | LI  | Stroke | Pitch (mm) | Maximum loads |        |        |         |         | Stock* | Price each |          |
|---|----|-----|--------|------------|---------------|--------|--------|---------|---------|--------|------------|----------|
|   |    |     |        |            | C1 (N)        | C2 (N) | FA (N) | Mx (Nm) | My (Nm) |        |            | Mz (Nm)  |
| <b>Slide only</b>                       |    |     |        |            |               |        |        |         |         |        |            |          |
| DOMI50-25                               | 70 | 95  | 25     | 1          | 300           | 215    | 120    | 4       | 5       | 3      | ✓          | 485,03 € |
| DOMI50-50                               | 70 | 120 | 50     | 1          | 300           | 215    | 120    | 4       | 5       | 3      | ✓          | 494,64 € |
| DOMI50-75                               | 70 | 145 | 75     | 1          | 300           | 215    | 120    | 4       | 5       | 3      | -          | 504,25 € |
| DOMI50-100                              | 70 | 170 | 100    | 1          | 300           | 215    | 120    | 4       | 5       | 3      | ✓          | 516,25 € |
| <b>Slide with counter and handwheel</b> |    |     |        |            |               |        |        |         |         |        |            |          |
| DOMI50-25-CV/XY                         | 70 | 95  | 25     | 1          | 300           | 215    | 120    | 4       | 5       | 3      | -          | 839,91 € |
| DOMI50-50-CV/XY                         | 70 | 120 | 50     | 1          | 300           | 215    | 120    | 4       | 5       | 3      | -          | 849,54 € |
| DOMI50-75-CV/XY                         | 70 | 145 | 75     | 1          | 300           | 215    | 120    | 4       | 5       | 3      | -          | 859,16 € |
| DOMI50-100-CV/XY                        | 70 | 170 | 100    | 1          | 300           | 215    | 120    | 4       | 5       | 3      | -          | 871,20 € |

\*Depending on availability - Dimensions in mm

## DOMI50 For Domino 50 adjustable slides

- **The fastening kit** is used to attach the DOMINO adjustable slide to its mounting surface.
- **The machineable mounting plate** allows you to attach other equipment to the adjustable slide.



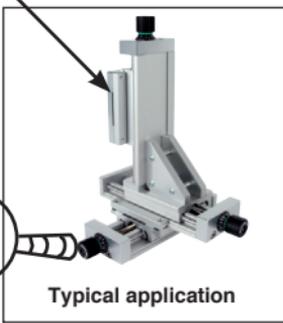
Tool plate support



Clamping lever  
DOMI50-LEVIER



Fastening set  
DOMI50-B



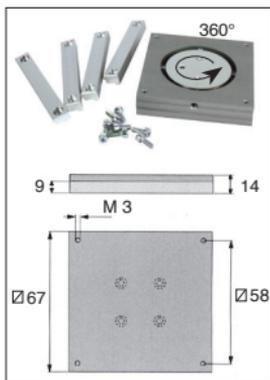
Typical application



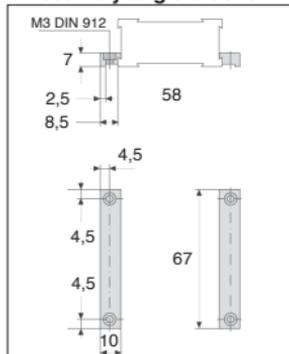
Mounting plate  
DOMI50-M



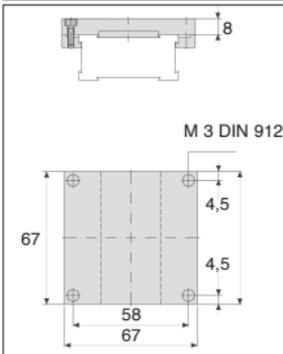
Assembly angle bracket



Turntable DOMI50-PT



DOMI50-B fastening set



DOMI50-M mounting plate

### DISCOUNTS

| Qty   | 1+   | 2+   | 3+         |
|-------|------|------|------------|
| Disc. | List | -20% | On request |

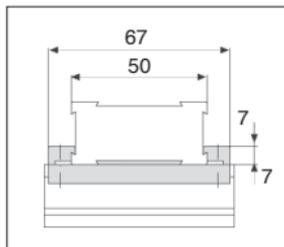
| Part number   | Type             | Stock* | Price each |
|---------------|------------------|--------|------------|
| DOMI50-B      | Fastening set    | ✓      | 27,73 €    |
| DOMI50-M      | Mounting plate   | ✓      | 72,20 €    |
| DOMI50-LEVIER | Clamping lever   | ✓      | 38,42 €    |
| DOMI50-PT     | Rotary turntable | -      | 435,48 €   |

\*Depending on availability - Dimensions in mm



## For Domino 50 adjustable slides **DOMI50**

- **Connecting kits** are used to join two DOMINO adjustable slides.



Connecting kit  
DOMI50-XY



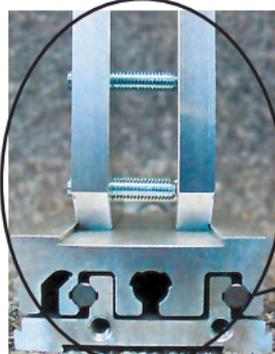
Connecting kit  
DOMI50-XY



Connecting kit  
DOMI50-XZ



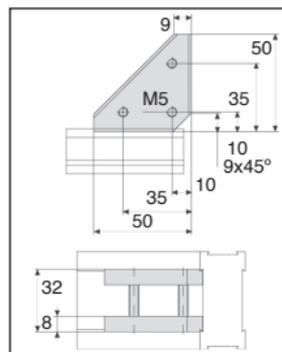
X-Y connecting kit



X-Z connecting kit



Typical application



Connecting kit  
DOMI50-XZ

### DISCOUNTS

| Qty   | 1+   | 2+   | 3+         |
|-------|------|------|------------|
| Disc. | List | -20% | On request |

| Part number | Type               | Stock* | Price each |
|-------------|--------------------|--------|------------|
| DOMI50-XY   | Connecting kit X-Y | ✓      | 64,97 €    |
| DOMI50-XZ   | Connecting kit X-Y | -      | 74,44 €    |

\*Depending on availability - Dimensions in mm



## DOMI80

For C1 loads up to 500 N

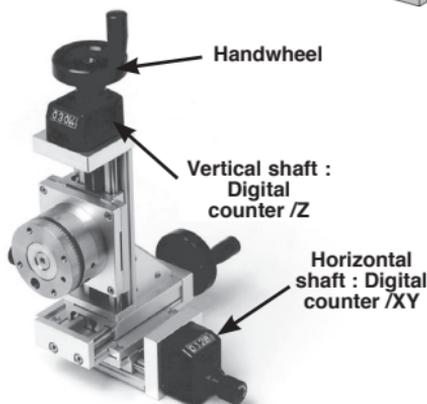
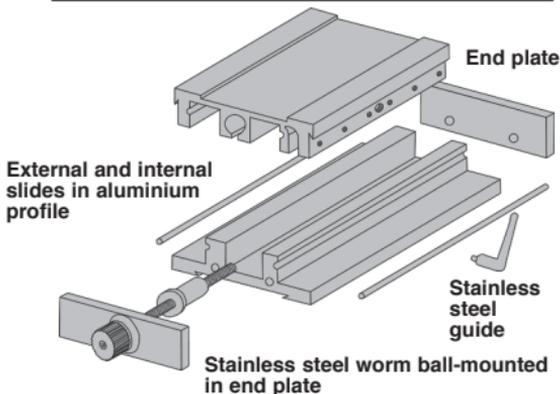
- Suitable for heavy loads
- Low coefficient of friction
- High quality slideways
- Low backlash system
- Very fine adjustment (0.05mm)
- Standard axis lengths
- Simple control system

### Applications

- Fine adjustment of brazing/welding heads or plasma cutting heads
- Inkjet printer head positioning
- Camera positioning
- Machine parts positioning (milling head, milling spindles,...)
- Burner focusing
- Laser head positioning
- Moving stops
- Centred movement for lateral guidance (slide with left-right pin)

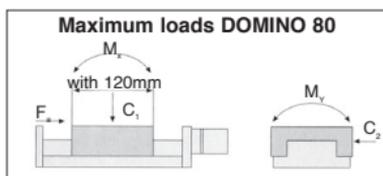
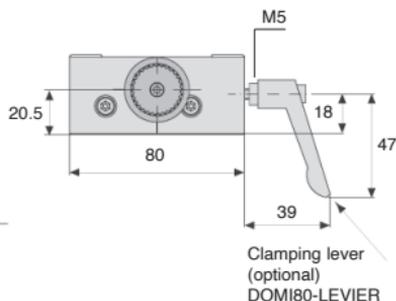
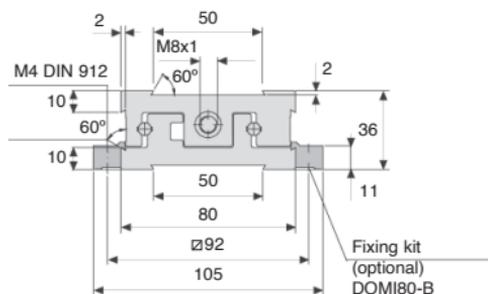
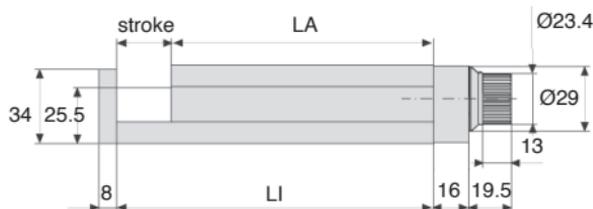
### Options

- Other stroke lengths available, please contact us for details
- If a digital counter is required to be fitted to the linear slide, replace /XY by Z in the part number



DOMI80-CV Adjustable slide fitted with handwheel and counter





## DISCOUNTS

|       |      |      |            |
|-------|------|------|------------|
| Qty   | 1+   | 2+   | 3+         |
| Disc. | List | -20% | On request |

| Part number                             | LA  | LI  | Stroke | Pitch (mm) | C1 (N) | C2 (N) | Maximum loads |         |         |         | Stock* | Price each |
|---|-----|-----|--------|------------|--------|--------|---------------|---------|---------|---------|--------|------------|
|   |     |     |        |            |        |        | FA (N)        | Mx (Nm) | My (Nm) | Mz (Nm) |        |            |
| <b>Slide only</b>                       |     |     |        |            |        |        |               |         |         |         |        |            |
| DOMI80-25                               | 120 | 145 | 25     | 1          | 500    | 365    | 150           | 8       | 10      | 6       | ✓      | 612,31 €   |
| DOMI80-50                               | 120 | 170 | 50     | 1          | 500    | 365    | 150           | 8       | 10      | 6       | ✓      | 624,30 €   |
| DOMI80-75                               | 120 | 195 | 75     | 1          | 500    | 365    | 150           | 8       | 10      | 6       | -      | 638,71 €   |
| DOMI80-100                              | 120 | 220 | 100    | 1          | 500    | 365    | 150           | 8       | 10      | 6       | -      | 650,71 €   |
| <b>Slide with counter and handwheel</b> |     |     |        |            |        |        |               |         |         |         |        |            |
| DOMI80-25-CV/XY                         | 120 | 145 | 25     | 1          | 500    | 365    | 150           | 8       | 10      | 6       | -      | 967,46 €   |
| DOMI80-50-CV/XY                         | 120 | 170 | 50     | 1          | 500    | 365    | 150           | 8       | 10      | 6       | -      | 979,50 €   |
| DOMI80-75-CV/XY                         | 120 | 195 | 75     | 1          | 500    | 365    | 150           | 8       | 10      | 6       | -      | 993,93 €   |
| DOMI80-100-CV/XY                        | 120 | 220 | 100    | 1          | 500    | 365    | 150           | 8       | 10      | 6       | -      | 1 005,97 € |

\*Depending on availability - Dimensions in mm

## DOMI80 For Domino 80 adjustable slides

- The **fastening kit** is used to attach the DOMINO adjustable slide to its mounting surface.
- The **machineable mounting plate** allows you to attach other equipment to the adjustable slide.



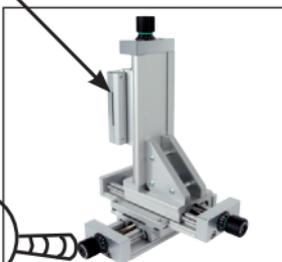
Tool plate support



Clamping lever  
DOMI80-LEVIER



Fastening set  
DOMI80-B



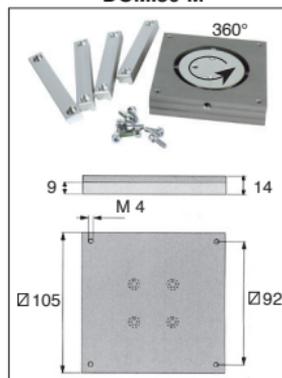
Typical application



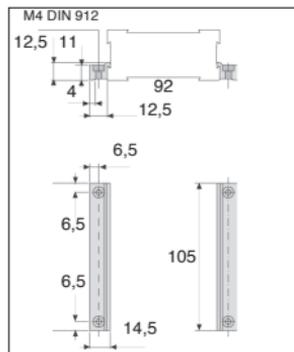
Mounting plate  
DOMI80-M



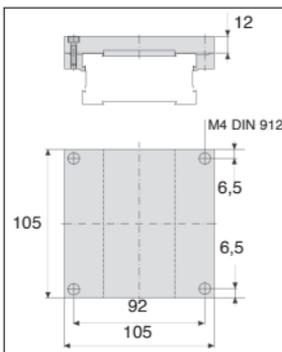
Assembly angle bracket



Turntable DOMI80-PT



DOMI80-B fastening set



DOMI80-M mounting plate

### DISCOUNTS

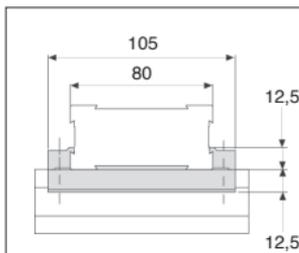
| Qty   | 1+   | 2+   | 3+         |
|-------|------|------|------------|
| Disc. | List | -20% | On request |

| Part number   | Type             | Stock* | Price each |
|---------------|------------------|--------|------------|
| DOMI80-B      | Fastening set    | ✓      | 33,68 €    |
| DOMI80-M      | Mounting plate   | ✓      | 101,07 €   |
| DOMI80-LEVIER | Clamping lever   | ✓      | 38,42 €    |
| DOMI80-PT     | Rotary turntable | -      | 508,07 €   |

\*Depending on availability - Dimensions in mm

## For Domino 80 adjustable slides **DOMI80**

- **Connecting kits** are used to join two DOMINO adjustable slides.



Connecting kit  
DOMI 80-XY



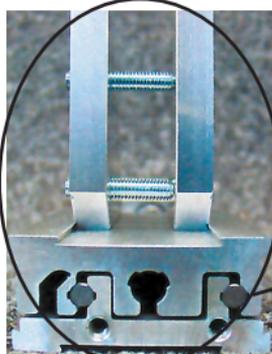
Connecting kit DOMI80-XY



X-Y connecting kit



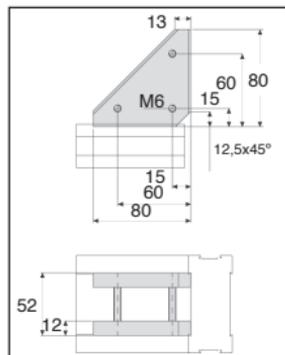
Connecting kit  
DOMI 80-XZ



X-Z connecting kit



Typical application



Connecting kit  
DOMI 80-XZ

### DISCOUNTS

| Qty   | 1+   | 2+   | 3+         |
|-------|------|------|------------|
| Disc. | List | -20% | On request |

| Part number | Type               | Stock* | Price each |
|-------------|--------------------|--------|------------|
| DOMI80-XY   | Connecting kit X-Y | ✓      | 77,93 €    |
| DOMI80-XZ   | Connecting kit X-Z | -      | 98,45 €    |

\*Depending on availability - Dimensions in mm



## DOMI120

For C1 loads up to 1000 N

- Suitable for heavy loads
- Low coefficient of friction
- High quality slideways
- Low backlash system
- Very fine adjustment (0.05mm)
- Standard axis lengths
- Simple control system

### Applications

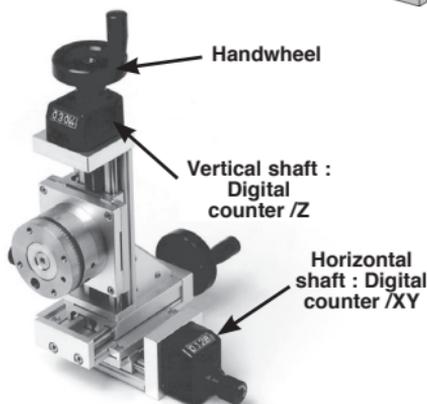
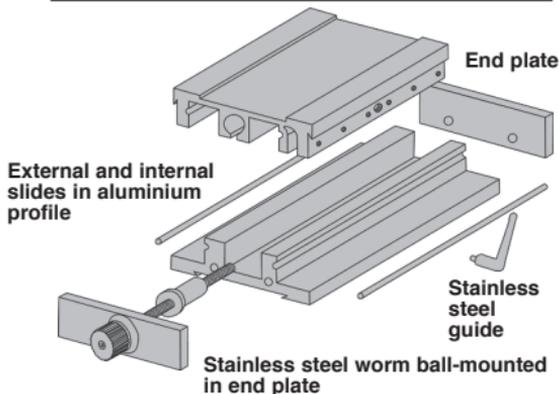
- Fine adjustment of brazing/welding heads or plasma cutting heads
- Inkjet printer head positioning
- Camera positioning
- Machine parts positioning (milling head, milling spindles,...)
- Burner focusing
- Laser head positioning
- Moving stops
- Centred movement for lateral guidance (slide with left-right pin)

### Options

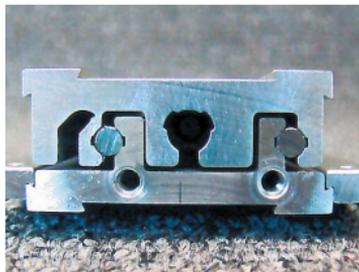
- Other stroke lengths available, please contact us for details
- If a digital counter is required to be fitted to the linear slide, replace /XY by Z in the part number

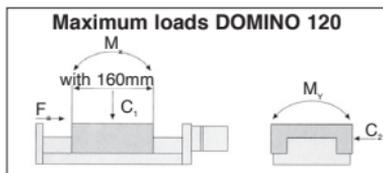
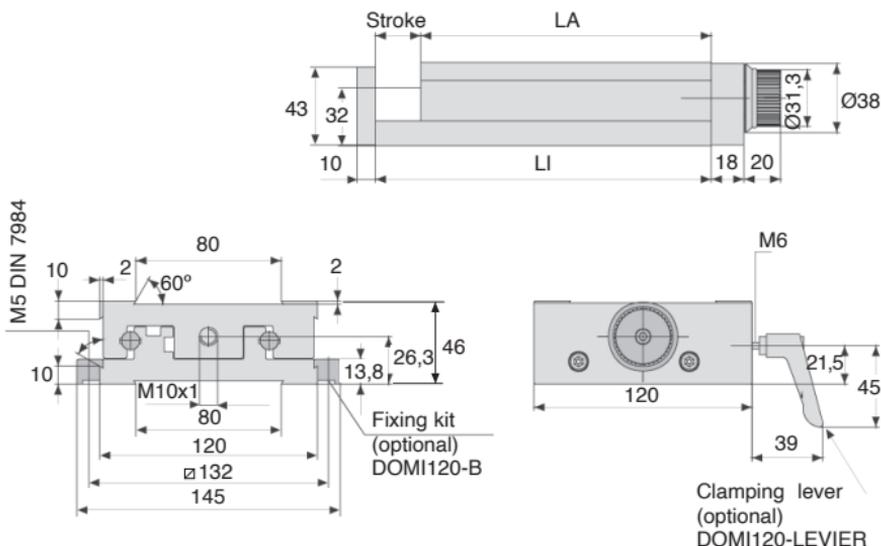


Slide only DOMI120



DOMI120-CV Adjustable slide fitted with handwheel and counter





## DISCOUNTS

|       |      |      |            |
|-------|------|------|------------|
| Qty   | 1+   | 2+   | 3+         |
| Disc. | List | -20% | On request |

| Part number                             | LA  | LI  | Stroke | Pitch (mm) | C1 (N) | C2 (N) | Maximum loads |         |         |         | Price each |
|---|-----|-----|--------|------------|--------|--------|---------------|---------|---------|---------|------------|
|   |     |     |        |            |        |        | FA (N)        | Mx (Nm) | My (Nm) | Mz (Nm) |            |
| <b>Slide only</b>                       |     |     |        |            |        |        |               |         |         |         |            |
| DOMI120-25                              | 160 | 185 | 25     | 1          | 1000   | 700    | 300           | 15      | 20      | 12      | 864,42 €   |
| DOMI120-50                              | 160 | 210 | 50     | 1          | 1000   | 700    | 300           | 15      | 20      | 12      | 878,83 €   |
| DOMI120-75                              | 160 | 235 | 75     | 1          | 1000   | 700    | 300           | 15      | 20      | 12      | 895,63 €   |
| DOMI120-100                             | 160 | 260 | 100    | 1          | 1000   | 700    | 300           | 15      | 20      | 12      | 907,64 €   |
| <b>Slide with counter and handwheel</b> |     |     |        |            |        |        |               |         |         |         |            |
| DOMI120-25-CV/XY                        | 160 | 185 | 25     | 1          | 1000   | 700    | 300           | 15      | 20      | 12      | 1 205,72 € |
| DOMI120-50-CV/XY                        | 160 | 210 | 50     | 1          | 1000   | 700    | 300           | 15      | 20      | 12      | 1 215,29 € |
| DOMI120-75-CV/XY                        | 160 | 235 | 75     | 1          | 1000   | 700    | 300           | 15      | 20      | 12      | 1 237,00 € |
| DOMI120-100-CV/XY                       | 160 | 260 | 100    | 1          | 1000   | 700    | 300           | 15      | 20      | 12      | 1 225,38 € |

Dimensions in mm



## DOMI120 For Domino 120 adjustable slides

- **The fastening kit** is used to attach the DOMINO adjustable slide to its mounting surface.
- **The machineable mounting plate** allows you to attach other equipment to the adjustable slide.



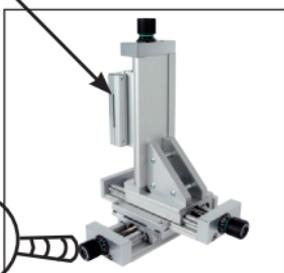
Tool plate support



Clamping lever  
DOMI120-LEVIER



Fastening set  
DOMI120-B



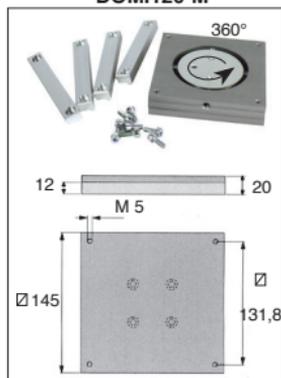
Typical application



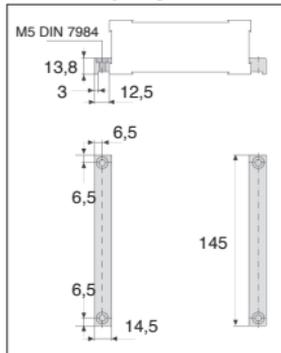
Mounting plate  
DOMI120-M



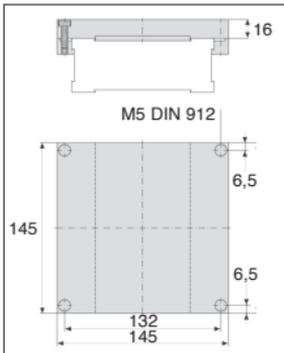
Assembly angle bracket



Turntable DOMI 120-PT



DOMI120-B fastening set



DOMI120-M mounting plate

### DISCOUNTS

|       |      |      |            |
|-------|------|------|------------|
| Qty   | 1+   | 2+   | 3+         |
| Disc. | List | -20% | On request |

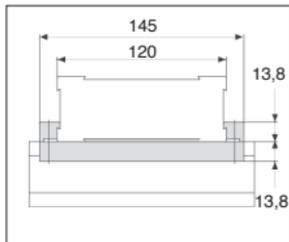
| Part number    | Type             | Price each |
|----------------|------------------|------------|
| DOMI120-B      | Fastening set    | 38,96 €    |
| DOMI120-M      | Mounting plate   | 146,47 €   |
| DOMI120-LEVIER | Clamping lever   | 38,42 €    |
| DOMI120-PT     | Rotary turntable | 681,74 €   |

Dimensions in mm



## For Domino 120 adjustable slides **DOMI120**

- **Connecting kits** are used to join two DOMINO adjustable slides.



Connecting kit  
DOMI120-XY



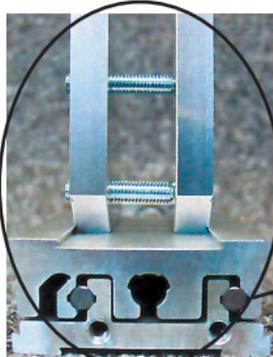
Connecting kit DOMI120-XY



Connecting kit  
DOMI 120-XZ



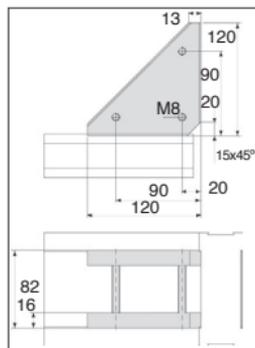
X-Y connecting kit



X-Z connecting kit



Typical application



Connecting kit  
DOMI120-XZ

### DISCOUNTS

|       |      |      |            |
|-------|------|------|------------|
| Qty   | 1+   | 2+   | 3+         |
| Disc. | List | -20% | On request |

| Part number | Type               | Price each |
|-------------|--------------------|------------|
| DOMI120-XY  | Connecting kit X-Y | 112,86 €   |
| DOMI120-XZ  | Connecting kit X-Z | 144,40 €   |

Dimensions in mm

# DOMINO rotary table



## DOMI<sub>MD</sub>

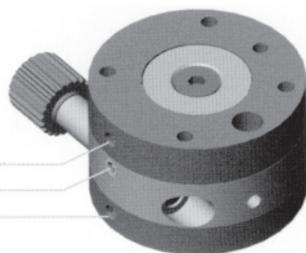
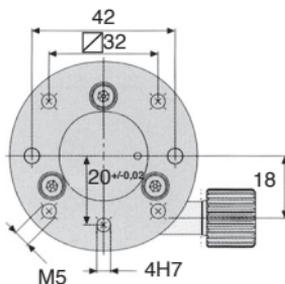
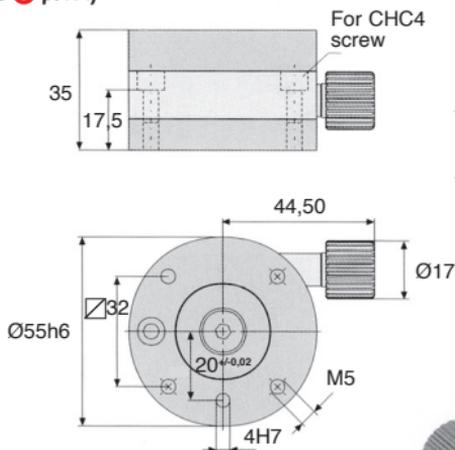
## For precise rotary positioning

- **Manually operated rotary table**
- Fast and accurate adjustment
- High position repeatability
- Principle: High-precision worm and wheel
- Fix using CHC4 screws
- Locking torque 10Nm
- Ratio: 55/1

**Precise and rapid adjustment**

### Accessories

- **DOMI-M** mounting plate required when attaching to adjustable slides (**tome 3 p.414**)



### DISCOUNTS

|       |      |      |            |
|-------|------|------|------------|
| Qty   | 1+   | 2+   | 3+         |
| Disc. | List | -20% | On request |

| Part number | Rotation range | Max. torque input (Nm) | Max. torque on table (Nm) | Tolerance          |               | Weight (kg) | Price each |
|-------------|----------------|------------------------|---------------------------|--------------------|---------------|-------------|------------|
|             |                |                        |                           | Concentricity (mm) | Flatness (mm) |             |            |
| DOMI-MDV55  | 0 to +∞        | 1,5                    | 5                         | +/- 0,02           | +/- 0,02      | 0,61        | 979,68 €   |

Dimensions in mm



# DOMINO rotary table

For precise rotary positioning

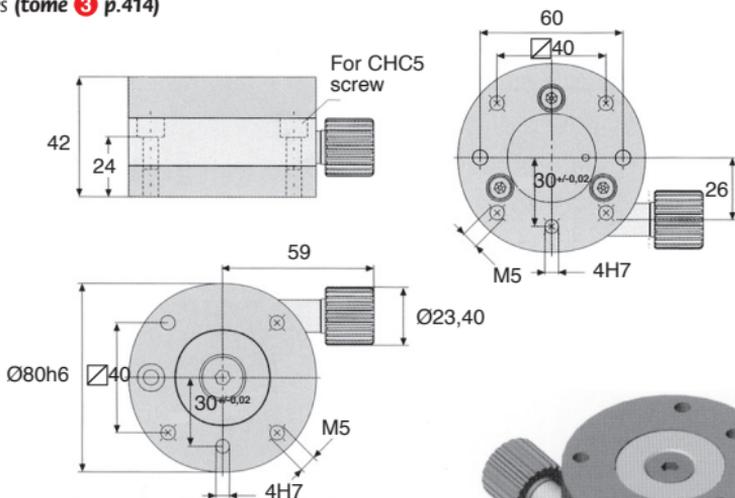
DOMIMD

- Manually operated rotary table
- Fast and accurate adjustment
- High position repeatability
- Principle: High-precision worm and wheel
- Fix using CHC4 screws
- Locking torque 10Nm
- Ratio: 40/1

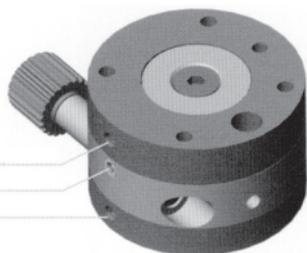
Precise and rapid adjustment

## Accessories

- DOMI-M mounting plate required when attaching to adjustable slides ( **tome 3 p.414**)



Quick-positioning screw  
Lubrication hole  
Locking screw



## DISCOUNTS

| Qty   | 1+   | 2+   | 3+         |
|-------|------|------|------------|
| Disc. | List | -20% | On request |

| Part number | Rotation range | Max. torque |               | Tolerance          |               | Weight (kg) | Price each |
|-------------|----------------|-------------|---------------|--------------------|---------------|-------------|------------|
|             |                | input (Nm)  | on table (Nm) | Concentricity (mm) | Flatness (mm) |             |            |
| DOMI-MDV80  | 0 to +∞        | 2,5         | 5             | +/- 0,03           | +/- 0,03      | 1,60        | 1 676,02 € |

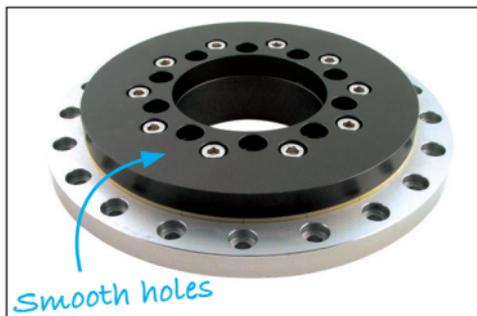
Dimensions in mm



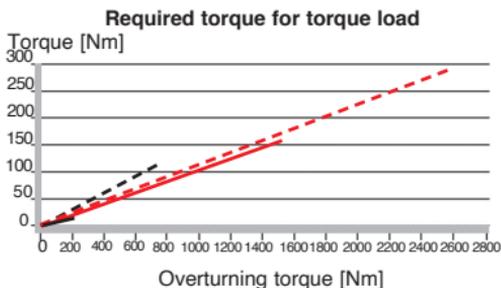
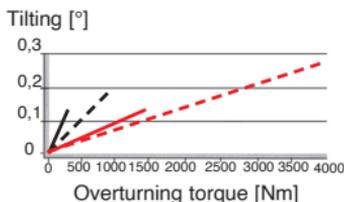
## PRT

### Advantages

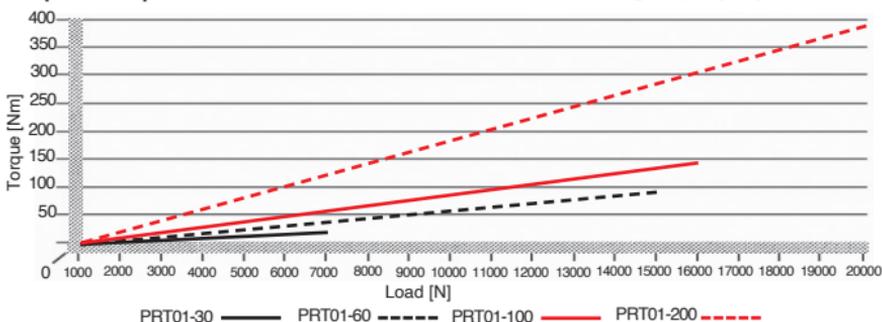
- No maintenance required
- Low coefficient of friction
- Cost effective
- Robust
- Rigid
- Easily installed
- Wear resistant
- Materials:  
 Sliding mechanism: iglidur®  
 Ring: hard anodised aluminium  
 Screws: stainless steel



### Tilting dependent on overturning torque

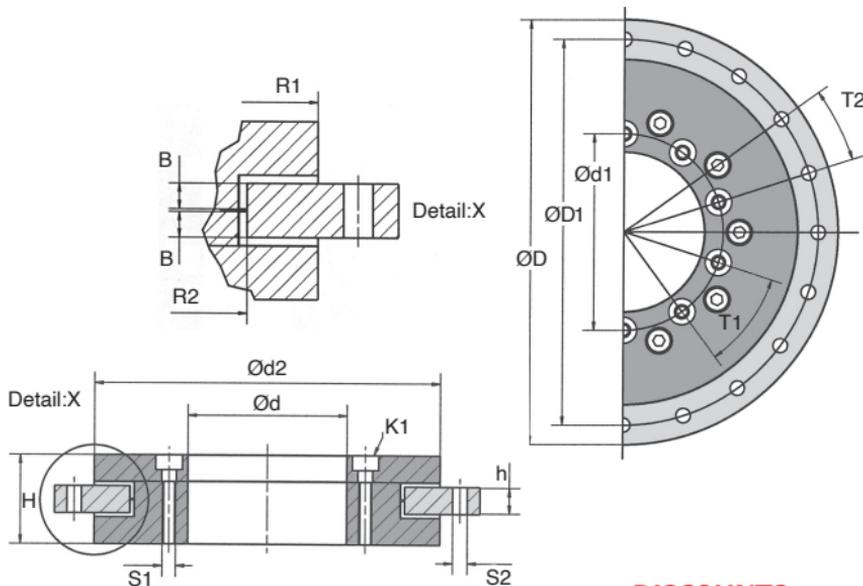
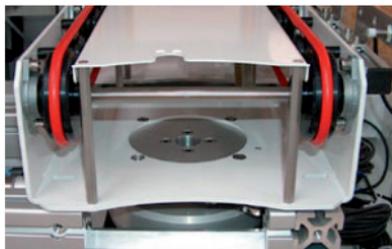
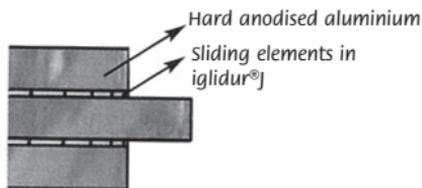


### Required torque for eccentric loads



| Part number | Weight (kg) | Axial load rating, static (N) | Axial load rating, dynamic (N) | Axial load rating, dynamic (N) | Radial load rating, dynamic (N) | Rotary speed limit, dry (1/min) | Rigidity, axial (N/μm) | Rigidity, radial (N/μm) | Max. permitted Overturning moment (Nm) | Dimensions in mm |       |     |
|-------------|-------------|-------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------|-------------------------|--|------------------|-------|-----|
|             |             |                               |                                |                                |                                 |                                 |                        |                         |  | R1               | R2    | B   |
| PRT01-30    | 0,4         | 27 000                        | 7 000                          | 5 000                          | 1 500                           | 250                             | -                      | -                       | 200                                    | 41               | 29,0  | 4,5 |
| PRT01-60    | 1,1         | 50 000                        | 15 000                         | 10 000                         | 3 000                           | 200                             | 300                    | 65                      | 800                                    | 65               | 51,5  | 4,5 |
| PRT01-100   | 1,3         | 55 000                        | 16 000                         | 16 000                         | 5 000                           | 150                             | 400                    | 65                      | 1 500                                  | 80               | 69,0  | 5,5 |
| PRT01-200   | 3,2         | 100 000                       | 30 000                         | 35 000                         | 10 000                          | 80                              | 500                    | 65                      | 3 800                                  | 137              | 123,0 | 7,0 |

Dimensions in mm



## DISCOUNTS

|       |      |            |
|-------|------|------------|
| Qty   | 1+   | 2+         |
| Disc. | List | On request |

| Part number | ØD  | ØD1 | Ød1   | Ød  | Ød2 | H  | h  | T1       | T2         | S1 | S2  | K1          |  | Price each |
|-------------|-----|-----|-------|-----|-----|----|----|----------|------------|----|-----|-------------|--|------------|
|             |     |     |       |     |     |    |    |          |            |    |     | for screw   |  |            |
| PRT01-20    | 80  | 70  | 31    | 20  | 60  | 24 | 8  | 3 x 120° | 6 x 60°    | M4 | 4,5 | DIN 7984 M4 |  | 231,62 €   |
| PRT01-30    | 100 | 91  | 42,5  | 30  | 82  | 29 | 10 | 8 x 45°  | 8 x 45,0°  | M4 | 4,5 | DIN 7984 M4 |  | 256,55 €   |
| PRT01-50    | 150 | 135 | 65    | 50  | 120 | 33 | 10 | 8 x 45°  | 16 x 22,5° | M6 | 6,6 | ISO 4762 M6 |  | 354,55 €   |
| PRT01-60    | 160 | 145 | 74,0  | 60  | 130 | 33 | 10 | 10 x 36° | 20 x 18,0° | M5 | 5,5 | DIN 912 M5  |  | 386,85 €   |
| PRT01-100   | 185 | 170 | 112,0 | 100 | 160 | 34 | 12 | 12 x 30° | 16 x 22,5° | M5 | 5,5 | DIN 912 M5  |  | 713,87 €   |
| PRT01-150   | 250 | 235 | 165   | 150 | 220 | 35 | 12 | 12 x 30° | 16 x 22,5° | M6 | 5,5 | ISO 4762 M5 |  | 988,24 €   |
| PRT01-200   | 300 | 285 | 215,0 | 200 | 274 | 38 | 15 | 12 x 30° | 16 x 22,5° | M6 | 7,0 | DIN 912 M6  |  | 1 273,84 € |

Dimensions in mm

# iglidur® slewing ring bearing

PRT

With external teeth

- **iglidur® PRT geared slewing ring bearing**

- The interior ring is fixed, the larger external ring supports the load.

- General characteristics:

- See PRT slewing ring

- Material:

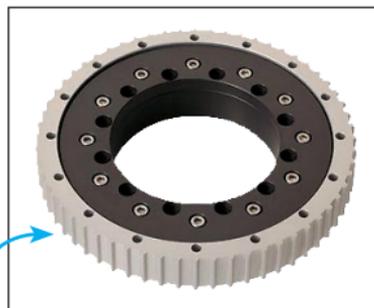
Moving part iglidur® J

Aluminium ring EN AW6061/6060,

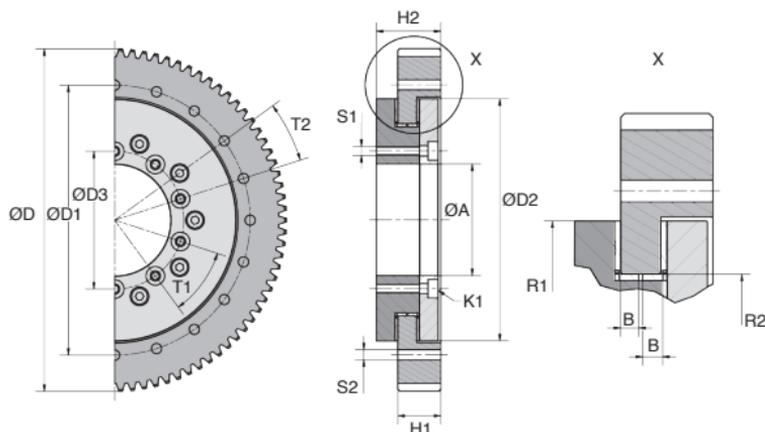
hard anodised

Screws: Stainless steel

- 4 gear styles available: Spur gear DIN3967 or belt pulleys; T10, AT10 or HTD8M



Gear teeth  
or pulley



| Part number   | ØD1 | ØD3   | ØA  | ØD2 | H1 | T1     | T2       | S1 | S2  | K1 for<br>DIN screw<br>912 |     |       |     |      |
|---------------|-----|-------|-----|-----|----|--------|----------|----|-----|----------------------------|-----|-------|-----|------|
|               |     |       |     |     |    |        |          |    |     | R1                         | R2  | B     | H2  |      |
| PRT-01-30-TO  | 91  | 42,5  | 30  | 82  | 21 | 8x45°  | 8x45°    | M4 | 4,5 | M4                         | 41  | 29,0  | 4,5 | 30,4 |
| PRT-01-60-TO  | 145 | 74,0  | 60  | 130 | 23 | 10x36° | 20x18°   | M5 | 5,5 | M5                         | 65  | 51,5  | 4,5 | 34,5 |
| PRT-01-100-TO | 170 | 112,0 | 100 | 160 | 25 | 12x30° | 16x22,5° | M5 | 5,5 | M5                         | 80  | 69,0  | 5,5 | 36,0 |
| PRT-01-150-TO | 235 | 165,0 | 150 | 220 | 25 | 12x30° | 16x22,5° | M5 | 5,5 | M5                         | 110 | 96,5  | 5,5 | 37,5 |
| PRT-01-200-TO | 285 | 215,0 | 200 | 274 | 30 | 12x30° | 16x22,5° | M6 | 7,0 | M6                         | 137 | 124,0 | 7,0 | 41,5 |
| PRT-01-300-TO | 430 | 320,0 | 300 | 410 | 30 | 12x30° | 16x22,5° | M8 | 9,0 | M8                         | 205 | 186,5 | 8,5 | 46,5 |

Dimensions in mm



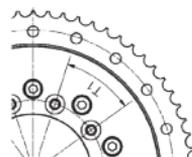
**Spur gear**  
DIN 3967



**AT10 pulley**



**T10 pulley**



**HTD8M pulley**

## DISCOUNTS

|       |      |            |
|-------|------|------------|
| Qty   | 1+   | 2+         |
| Disc. | List | On request |

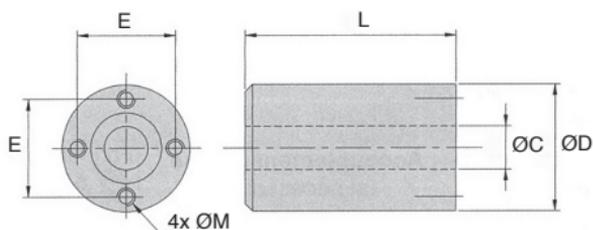
| Part number                                 | Pitch/module | N° of teeth<br>Z | PCD<br>ØP | External<br>diameter<br>ØD | Price each |
|---|--------------|------------------|-----------|----------------------------|------------|
| <b>Tooth profile for Spur gear DIN 3967</b> |              |                  |           |                            |            |
| PRT01-30-TO-ST                              | 2            | 54               | 108       | 112                        | 725,47 €   |
| PRT01-60-TO-ST                              | 2            | 90               | 180       | 184                        | 873,56 €   |
| PRT01-100-TO-ST                             | 2            | 96               | 192       | 196                        | 1 277,88 € |
| PRT01-150-TO-ST                             | 2            | 126              | 252       | 256                        | 1 776,05 € |
| PRT01-200-TO-ST                             | 2            | 152              | 304       | 308                        | 2 234,59 € |
| PRT01-300-TO-ST                             | 3            | 152              | 456       | 462                        | 4 425,10 € |
| <b>Tooth profile for AT10 pulley</b>        |              |                  |           |                            |            |
| PRT01-30-TO-AT10                            | AT10         | 34               | 108,23    | 108,23                     | 725,49 €   |
| PRT01-60-TO-AT10                            | AT10         | 52               | 165,52    | 165,52                     | 873,56 €   |
| PRT01-100-TO-AT10                           | AT10         | 60               | 187,30    | 187,30                     | 1 277,88 € |
| PRT01-150-TO-AT10                           | AT10         | 80               | 250,90    | 250,90                     | 1 776,05 € |
| PRT01-200-TO-AT10                           | AT10         | 96               | 301,90    | 301,90                     | 2 234,59 € |
| PRT01-300-TO-AT10                           | AT10         | 144              | 352,85    | 352,85                     | 4 425,10 € |
| <b>Tooth profile for T10 pulley</b>         |              |                  |           |                            |            |
| PRT01-30-TO-T10                             | T10          | 34               | 108,23    | 106,40                     | 725,47 €   |
| PRT01-60-TO-T10                             | T10          | 52               | 165,52    | 163,80                     | 873,56 €   |
| PRT01-100-TO-T10                            | T10          | 60               | 187,30    | 189,20                     | 1 277,88 € |
| PRT01-150-TO-T10                            | T10          | 80               | 250,90    | 252,90                     | 1 776,05 € |
| PRT01-200-TO-T10                            | T10          | 96               | 301,90    | 303,90                     | 2 234,59 € |
| PRT01-300-TO-T10                            | T10          | 144              | 352,85    | 456,70                     | 4 425,10 € |
| <b>Tooth profile for HTD8M pulley</b>       |              |                  |           |                            |            |
| PRT01-30-TO-HTD8M                           | HTD8M        | 44               | 112,05    | 110,70                     | 725,47 €   |
| PRT01-60-TO-HTD8M                           | HTD8M        | 66               | 168,07    | 166,70                     | 873,56 €   |
| PRT01-100-TO-HTD8M                          | HTD8M        | 74               | 188,45    | 187,10                     | 1 277,88 € |
| PRT01-150-TO-HTD8M                          | HTD8M        | 100              | 254,65    | 253,30                     | 1 776,05 € |
| PRT01-200-TO-HTD8M                          | HTD8M        | 120              | 305,60    | 304,30                     | 2 234,59 € |
| PRT01-300-TO-HTD8M                          | HTD8M        | 180              | 458,36    | 457,10                     | 4 425,10 € |

Dimensions in mm

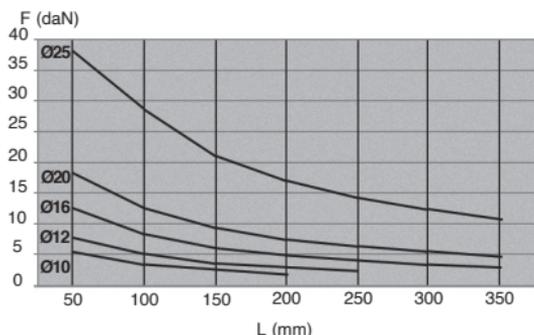
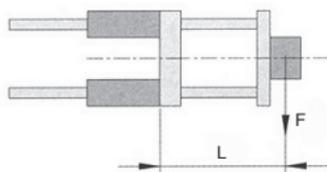


- Allows the assembly of short stroke actuator guides with 1-4 guide shafts
- Equipped with 2 ball bearings with wiper joints
- Material:
  - Body: anodised aluminium
  - Bearing housing: Plastic
  - Joint: Nitrile rubber
- Working temperature: +5°C to +80°C
- Maximum speed 2 m/s

**Excellent price  
Quality/ratio**



### Load diagrams



Loads given for a system with 2 guide rods



### Dynamic or static load

#### DISCOUNTS

| Qty   | 1+   | 2+  | 4+         |
|-------|------|-----|------------|
| Disc. | List | -5% | On request |

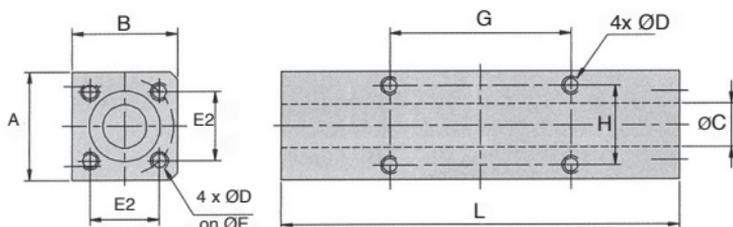
| Part number | ØC (Ø rod) | ØD | L  | E  | ØM | Weight (kg) | Price each |
|-------------|------------|----|----|----|----|-------------|------------|
| UGPC-10A    | 10         | 30 | 59 | 23 | M4 | 0,10        | 76,31 €    |
| UGPC-12A    | 12         | 35 | 63 | 27 | M5 | 0,14        | 80,50 €    |
| UGPC-16A    | 16         | 40 | 67 | 32 | M5 | 0,18        | 87,47 €    |
| UGPC-20A    | 20         | 50 | 75 | 39 | M6 | 0,31        | 100,78 €   |
| UGPC-25A    | 25         | 55 | 90 | 45 | M6 | 0,44        | 128,76 €   |

Dimensions in mm

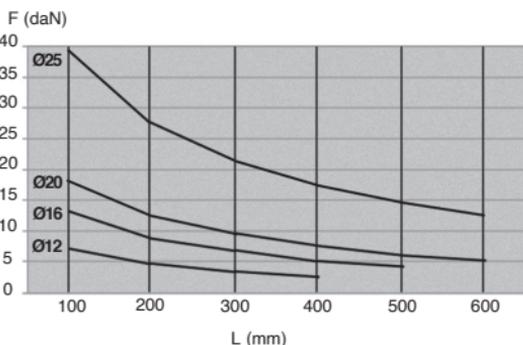
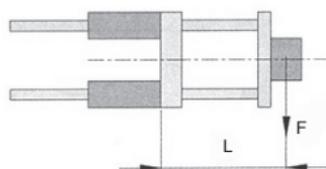


- Allows the assembly of short stroke actuator guides with 1-4 guide shafts
- Equipped with 2 ball bearings with wiper joints
- Material:
  - Body: anodised aluminium
  - Bearing housing: Plastic
  - Joint: Nitrile rubber
- Working temperature: +5°C to +80°C
- Maximum speed 2 m/s

**Excellent price  
Quality/ratio**



**Load diagrams**



**Loads given for a system with 2 guide rods**

**Dynamic or static load**



### DISCOUNTS

| Qty   | 1+   | 2+  | 4+         |
|-------|------|-----|------------|
| Disc. | List | -5% | On request |

| Part number | ØC<br>(Ø rod) | L   | A  | B  | ØD | E  | E2   | G  | H  | Weight<br>(kg) | Price each |
|-------------|---------------|-----|----|----|----|----|------|----|----|----------------|------------|
| UGPL-12A    | 12            | 110 | 30 | 29 | M5 | 27 | 19,1 | 50 | 22 | 0,21           | 102,99 €   |
| UGPL-16A    | 16            | 125 | 35 | 34 | M5 | 32 | 22,6 | 60 | 27 | 0,30           | 116,33 €   |
| UGPL-20A    | 20            | 140 | 40 | 39 | M6 | 39 | 27,6 | 70 | 30 | 0,42           | 130,44 €   |
| UGPL-25A    | 25            | 160 | 50 | 49 | M6 | 45 | 31,8 | 80 | 38 | 0,78           | 159,10 €   |

Dimensions in mm



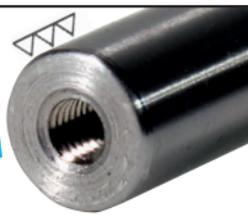
## UGCG

## Guide shaft

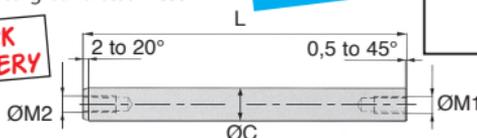
- Allows the assembly of customised length actuator guides with 1-4 guide shafts
- For short or long bearings
- Material: Hardened ground steel XC55

Excellent price  
Quality/ratio

Hardened steel



**QUICK  
DELIVERY**



### DISCOUNTS

|       |          |            |    |
|-------|----------|------------|----|
| Qty   | 1+       | 2+         | 4+ |
| Disc. | List -5% | On request |    |

| Part number | ØC (h6) | L (mm) | ØM1 | ØM2 | Weight (kg) | Price each |
|-------------|---------|--------|-----|-----|-------------|------------|
| UGCG10-127  | 10      | 127    | M5  | M5  | 0,08        | 24,29 €    |
| UGCG10-152  | 10      | 152    | M5  | M5  | 0,09        | 25,01 €    |
| UGCG10-177  | 10      | 177    | M5  | M5  | 0,11        | 25,79 €    |
| UGCG10-227  | 10      | 227    | M5  | M5  | 0,14        | 27,26 €    |
| UGCG10-277  | 10      | 277    | M5  | M5  | 0,17        | 28,77 €    |
| UGCG10-327  | 10      | 327    | M5  | M5  | 0,20        | 30,24 €    |
| UGCG12-164  | 12      | 164    | M5  | M6  | 0,15        | 26,66 €    |
| UGCG12-189  | 12      | 189    | M5  | M6  | 0,17        | 27,64 €    |
| UGCG12-239  | 12      | 239    | M5  | M6  | 0,21        | 29,52 €    |
| UGCG12-299  | 12      | 299    | M5  | M6  | 0,27        | 31,81 €    |
| UGCG12-339  | 12      | 339    | M5  | M6  | 0,30        | 33,32 €    |
| UGCG12-389  | 12      | 389    | M5  | M6  | 0,35        | 35,21 €    |
| UGCG12-459  | 12      | 459    | M5  | M6  | 0,41        | 37,89 €    |
| UGCG16-182  | 16      | 182    | M6  | M6  | 0,29        | 32,84 €    |
| UGCG16-207  | 16      | 207    | M6  | M6  | 0,32        | 34,03 €    |
| UGCG16-257  | 16      | 257    | M6  | M6  | 0,40        | 36,42 €    |
| UGCG16-317  | 16      | 317    | M6  | M6  | 0,50        | 39,25 €    |
| UGCG16-357  | 16      | 357    | M6  | M6  | 0,56        | 41,20 €    |
| UGCG16-407  | 16      | 407    | M6  | M6  | 0,64        | 43,54 €    |
| UGCG16-477  | 16      | 477    | M6  | M6  | 0,75        | 46,88 €    |
| UGCG16-557  | 16      | 557    | M6  | M6  | 0,87        | 50,70 €    |
| UGCG20-232  | 20      | 232    | M8  | M8  | 0,57        | 37,75 €    |
| UGCG20-282  | 20      | 282    | M8  | M8  | 0,69        | 40,47 €    |
| UGCG20-342  | 20      | 342    | M8  | M8  | 0,84        | 43,72 €    |
| UGCG20-382  | 20      | 382    | M8  | M8  | 0,94        | 45,92 €    |
| UGCG20-432  | 20      | 432    | M8  | M8  | 1,06        | 48,62 €    |
| UGCG20-502  | 20      | 502    | M8  | M8  | 1,23        | 52,46 €    |
| UGCG20-582  | 20      | 582    | M8  | M8  | 1,43        | 56,82 €    |
| UGCG20-682  | 20      | 682    | M8  | M8  | 1,67        | 62,27 €    |
| UGCG25-286  | 25      | 286    | M10 | M10 | 1,10        | 49,83 €    |
| UGCG25-336  | 25      | 336    | M10 | M10 | 1,29        | 53,10 €    |
| UGCG25-396  | 25      | 396    | M10 | M10 | 1,52        | 56,98 €    |
| UGCG25-436  | 25      | 436    | M10 | M10 | 1,67        | 59,87 €    |
| UGCG25-486  | 25      | 486    | M10 | M10 | 1,86        | 62,83 €    |
| UGCG25-556  | 25      | 556    | M10 | M10 | 2,13        | 67,42 €    |
| UGCG25-636  | 25      | 636    | M10 | M10 | 2,44        | 72,62 €    |
| UGCG25-736  | 25      | 736    | M10 | M10 | 2,82        | 79,13 €    |

Dimensions in mm



# Actuator guide kit

## Coupling for threaded cylinder end

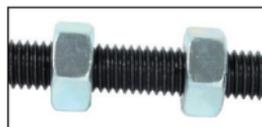
**UGAC**  
**UGET**

**UGAC:** Connects the threaded end of the actuator to the piece to be moved

- In line flexible coupling, allows radial movement (E) of the cylinder end
- Material: Zinc plated steel



**UGAC**



**UGET**

### Info.

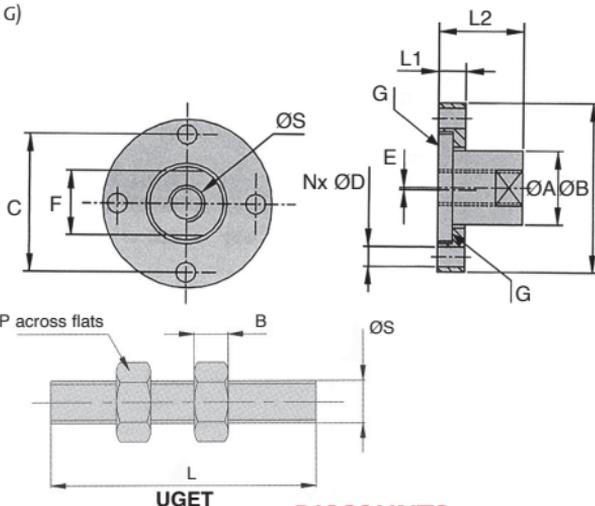
- Grease the 2 surfaces (marked G) during assembly

**UGET:** For connecting the threaded end of a sh stroke actuator to th UGAC coupling

- Material: Blackened steel, zinc plated steel

### Info.

- If the actuator does not complete the stroke, check the tightness of the threads



### DISCOUNTS

| Qty   | 1+   | 2+  | 4+         |
|-------|------|-----|------------|
| Disc. | List | -5% | On request |

### Coupling for cylinder end

| Part number | ØS       | ØA | ØB  | C  | ØD   | L1 | L2 | E   | F  | N | Weight (kg) | Price each |
|-------------|----------|----|-----|----|------|----|----|-----|----|---|-------------|------------|
| UGAC-6      | M6       | 9  | 26  | 19 | 4,5  | 8  | 14 | 0,5 | 8  | 2 | 0,02        | 21,35 €    |
| UGAC-8      | M8       | 16 | 38  | 31 | 5,5  | 8  | 22 | 1,0 | 13 | 2 | 0,08        | 24,88 €    |
| UGAC-10F    | M10x1,25 | 16 | 38  | 31 | 5,5  | 8  | 22 | 1,0 | 13 | 2 | 0,08        | 24,88 €    |
| UGAC-12F    | M12x1,25 | 24 | 55  | 45 | 6,5  | 9  | 28 | 1,0 | 21 | 4 | 0,19        | 31,29 €    |
| UGAC-16F    | M16x1,5  | 24 | 55  | 45 | 6,5  | 9  | 28 | 1,0 | 21 | 4 | 0,19        | 31,29 €    |
| UGAC-20F    | M20x1,5  | 29 | 70  | 56 | 8,5  | 10 | 35 | 1,5 | 24 | 4 | 0,31        | 39,79 €    |
| UGAC-27F    | M27x2    | 39 | 100 | 76 | 13,0 | 16 | 43 | 1,5 | 32 | 4 | 0,90        | 76,74 €    |

### Connector for threaded actuator rod

| Part number | ØS | L  | B   | P  | Price each |
|-------------|----|----|-----|----|------------|
| UGET-6      | M6 | 40 | 4,8 | 10 | 3,97 €     |
| UGET-8      | M8 | 60 | 6,4 | 13 | 4,23 €     |

Dimensions in mm

# H Type guide unit



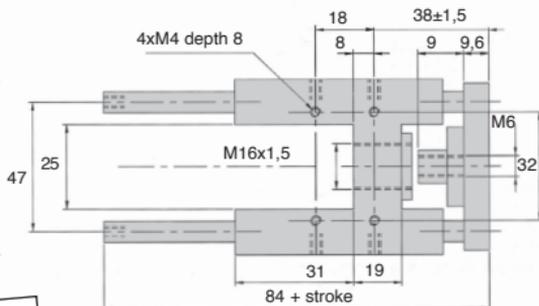
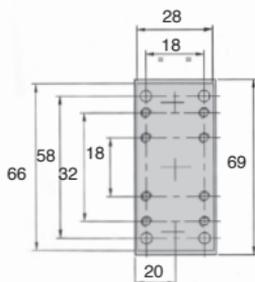
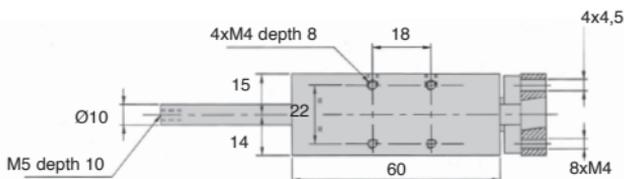
## UGH16 For $\varnothing 12$ and $\varnothing 16$ actuators (ISO 6432)

- Guide system for actuator
- Fitted with 4 smooth bronze bearings
- Slides protected by wiper joints
- Actuator coupling available on front face
- Supplied with fixing screw for actuator
- Maintenance free
- Working temperature: +5 to +80 °C
- Maximum speed: 1 m/s
- Maximum loads: See end of section
- Material:

Body + face plate:  
anodised aluminium  
Couplings + screws:  
Zinc plated steel  
Guide shafts:  
Chromed steel

Excellent price/  
Quality ratio

Accurate even over  
long strokes



### DISCOUNTS

|       |      |            |
|-------|------|------------|
| Qty   | 1+   | 2+         |
| Disc. | List | On request |

| Part number | Stroke | $\varnothing$ Actuator | $\varnothing$ Guide rod | Weight (kg) | Price each |
|-------------|--------|------------------------|-------------------------|-------------|------------|
| UGH16-25    | 25     | 12 and 16              | 10                      | 0,43        | 200,81 €   |
| UGH16-50    | 50     | 12 and 16              | 10                      | 0,46        | 201,87 €   |
| UGH16-100   | 100    | 12 and 16              | 10                      | 0,52        | 203,96 €   |
| UGH16-160   | 160    | 12 and 16              | 10                      | 0,59        | 206,45 €   |
| UGH16-200   | 200    | 12 and 16              | 10                      | 0,64        | 208,12 €   |
| UGH16-250   | 250    | 12 and 16              | 10                      | 0,70        | 210,26 €   |

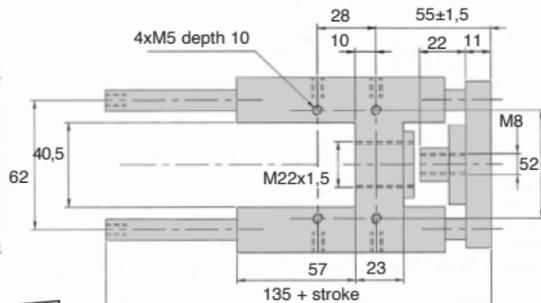
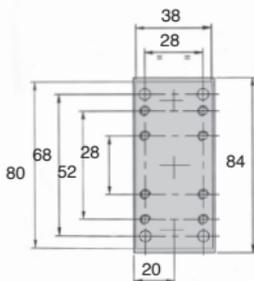
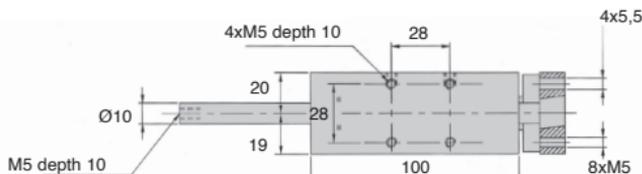
Dimensions in mm

- Guide system for actuator
- Fitted with 4 smooth bronze bearings
- Slides protected by wiper joints
- Actuator coupling available on front face
- Supplied with fixing screw for actuator
- Maintenance free
- Working temperature: +5 to +80 °C
- Maximum speed: 1 m/s
- Maximum loads: See end of section
- Material:

Body + face plate:  
anodised aluminium  
Couplings + screws:  
Zinc plated steel  
Guide shafts:  
Chromed steel

Excellent price/  
Quality ratio

Accurate even over  
long strokes



### DISCOUNTS

|       |      |            |
|-------|------|------------|
| Qty   | 1+   | 2+         |
| Disc. | List | On request |

| Part number | Stroke | Ø Actuator | Ø Guide rod | Weight (kg) | Price each |
|-------------|--------|------------|-------------|-------------|------------|
| UGH20-25    | 25     | 20         | 10          | 0,93        | 221,63 €   |
| UGH20-50    | 50     | 20         | 10          | 0,96        | 222,65 €   |
| UGH20-100   | 100    | 20         | 10          | 1,02        | 224,69 €   |
| UGH20-160   | 160    | 20         | 10          | 1,09        | 227,21 €   |
| UGH20-200   | 200    | 20         | 10          | 1,14        | 228,96 €   |
| UGH20-250   | 250    | 20         | 10          | 1,20        | 231,01 €   |

Dimensions in mm

# H Type guide unit



## UGH25

For **Ø25** actuators ISO 6432

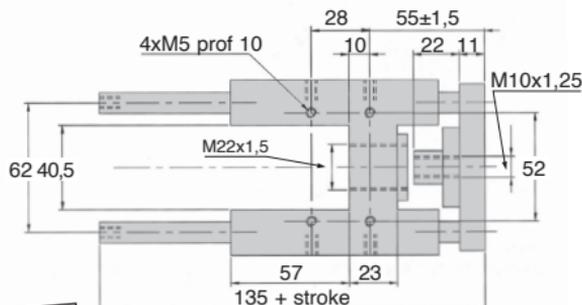
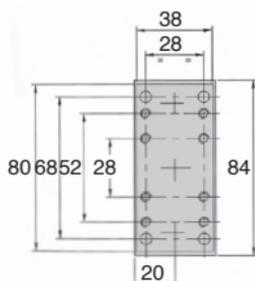
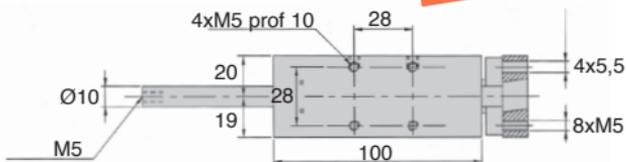
- Guide system for actuator
- Fitted with 4 smooth bronze bearings
- Slides protected by wiper joints
- Actuator coupling available on front face
- Supplied with fixing screw for actuator
- Maintenance free
- Working temperature: +5 to +80 °C
- Maximum speed: 1 m/s
- Maximum loads: See end of section
- Material:

Body + face plate:  
anodised aluminium  
Couplings + screws:  
Zinc plated steel  
Guide shafts:  
Chromed steel



Accurate even over long strokes

Excellent price/  
Quality ratio



**QUICK DELIVERY**

### DISCOUNTS

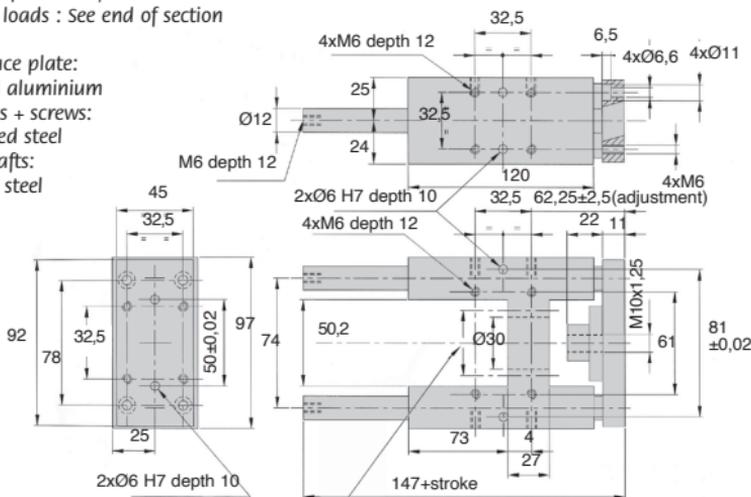
|       |      |            |
|-------|------|------------|
| Qty   | 1+   | 2+         |
| Disc. | List | On request |

| Part number | Stroke (mm) | Actuator Ø (mm) | Guide rod Ø (mm) | Weight (kg) | Price each |
|-------------|-------------|-----------------|------------------|-------------|------------|
| UGH25-25    | 25          | 25              | 10               | 0,93        | 221,63 €   |
| UGH25-50    | 50          | 25              | 10               | 0,96        | 222,63 €   |
| UGH25-100   | 100         | 25              | 10               | 1,02        | 224,69 €   |
| UGH25-160   | 160         | 25              | 10               | 1,09        | 227,21 €   |
| UGH25-200   | 200         | 25              | 10               | 1,14        | 228,94 €   |
| UGH25-250   | 250         | 25              | 10               | 1,20        | 230,99 €   |

Dimensions in mm

- Guide system for standard pneumatic actuators
- Fitted with 4 smooth bronze bearings
- Slides protected by wiper joints
- Actuator coupling supplied
- Fixing holes conform to CNOMO standards
- Supplied with 4 fixing screws for actuator
- Maintenance free
- Working temperature: +5°C to +80°C
- Maximum speed: 1 m/s
- Maximum loads : See end of section
- Material

Body + face plate:  
anodised aluminium  
Couplings + screws:  
zinc plated steel  
Guide shafts:  
chromed steel



Attach cylinder using 4 off M6 screws on  $\varnothing 32.5$

### DISCOUNTS

|       |      |            |
|-------|------|------------|
| Qty   | 1+   | 2+         |
| Disc. | List | On request |

| Part number | Stroke (mm) | Actuator $\varnothing$ (mm) | Guide rod $\varnothing$ (mm) | Weight (kg) | Price each |
|-------------|-------------|-----------------------------|------------------------------|-------------|------------|
| UGH32-25    | 25          | 32                          | 12                           | 1,34        | 223,97 €   |
| UGH32-50    | 50          | 32                          | 12                           | 1,38        | 225,12 €   |
| UGH32-100   | 100         | 32                          | 12                           | 1,47        | 227,35 €   |
| UGH32-160   | 160         | 32                          | 12                           | 1,57        | 230,10 €   |
| UGH32-200   | 200         | 32                          | 12                           | 1,64        | 231,90 €   |
| UGH32-250   | 250         | 32                          | 12                           | 1,72        | 234,12 €   |
| UGH32-320   | 320         | 32                          | 12                           | 1,84        | 237,33 €   |
| UGH32-400   | 400         | 32                          | 12                           | 1,98        | 240,97 €   |
| UGH32-500   | 500         | 32                          | 12                           | 2,15        | 245,50 €   |
| UGH32-600   | 600         | 32                          | 12                           | 2,32        | 250,00 €   |

Dimensions in mm

# H Type guide units



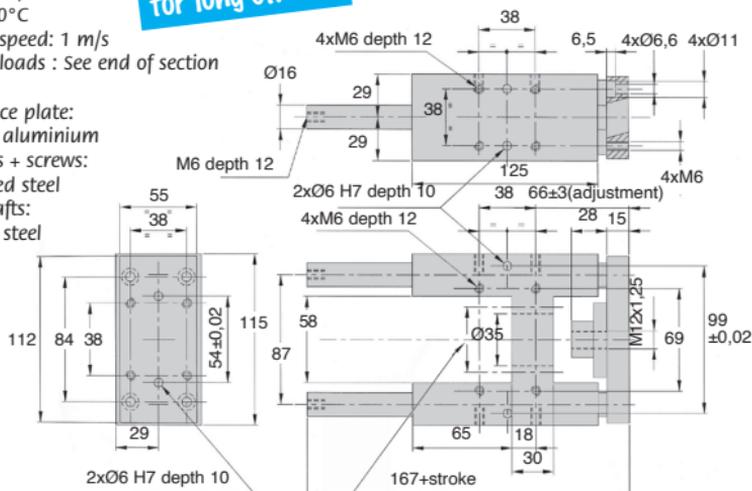
## UGH40 For $\varnothing 40$ actuators ISO 15552 (VDMA 24562)

### - Guide system for standard pneumatic actuators

- Fitted with 4 smooth bronze bearings
- Slides protected by wiper joints
- Actuator coupling supplied
- Fixing holes conform to CNOMO standards
- Supplied with 4 fixing screws for actuator
- Maintenance free
- Working temperature: +5°C to +80°C
- Maximum speed: 1 m/s
- Maximum loads : See end of section
- Material

Body + face plate:  
anodised aluminium  
Couplings + screws:  
Zinc plated steel  
Guide shafts:  
Chromed steel

Accurate even for long strokes



### DISCOUNTS

|       |      |            |
|-------|------|------------|
| Qty   | 1+   | 2+         |
| Disc. | List | On request |

| Part number | Stroke (mm) | Actuator Ø (mm) | Guide rod Ø (mm) | Weight (kg) | Price each |
|-------------|-------------|-----------------|------------------|-------------|------------|
| UGH40-25    | 25          | 40              | 16               | 2,38        | 288,82 €   |
| UGH40-50    | 50          | 40              | 16               | 2,46        | 290,66 €   |
| UGH40-100   | 100         | 40              | 16               | 2,61        | 294,38 €   |
| UGH40-160   | 160         | 40              | 16               | 2,80        | 298,88 €   |
| UGH40-200   | 200         | 40              | 16               | 2,92        | 301,82 €   |
| UGH40-250   | 250         | 40              | 16               | 3,08        | 305,57 €   |
| UGH40-320   | 320         | 40              | 16               | 3,29        | 310,74 €   |
| UGH40-400   | 400         | 40              | 16               | 3,54        | 316,68 €   |
| UGH40-500   | 500         | 40              | 16               | 3,85        | 324,12 €   |
| UGH40-600   | 600         | 40              | 16               | 4,16        | 331,60 €   |

Dimensions in mm



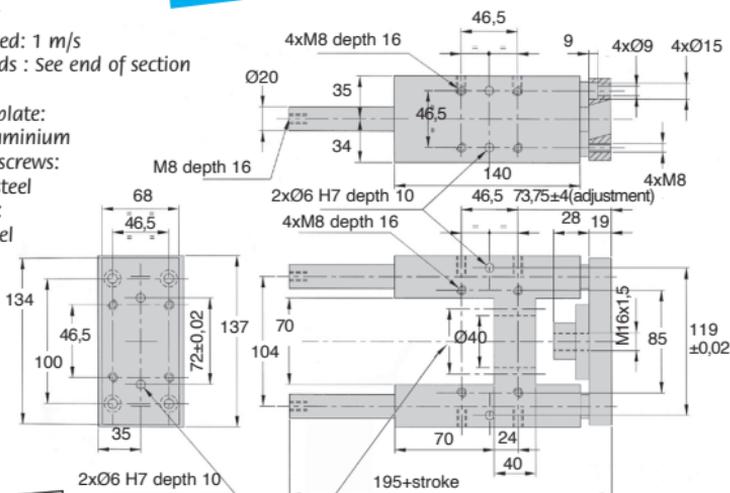
# H Type guide units

For **Ø50** actuators ISO 15552 (VDMA 24562) **UGH50**

- Guide system for standard pneumatic actuators
- Fitted with 4 smooth bronze bearings
- Slides protected by wiper joints
- Actuator coupling supplied
- Fixing holes conform to CNOMO standards
- Supplied with 4 fixing screws for actuator
- Maintenance free
- Working temperature: +5°C to +80°C
- Maximum speed: 1 m/s
- Maximum loads : See end of section
- Material

Body + face plate:  
anodised aluminium  
Couplings + screws:  
Zinc plated steel  
Guide shafts:  
Chromed steel

Accurate even for long strokes



Attach cylinder using 4 off M6 screws on Ø46.5

## DISCOUNTS

|       |      |            |
|-------|------|------------|
| Qty   | 1+   | 2+         |
| Disc. | List | On request |

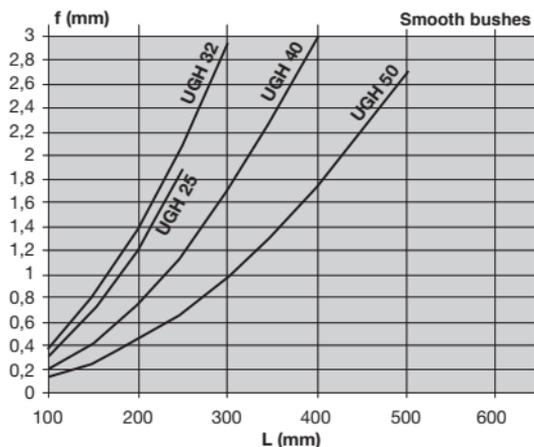
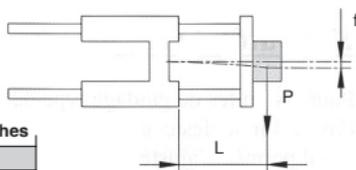
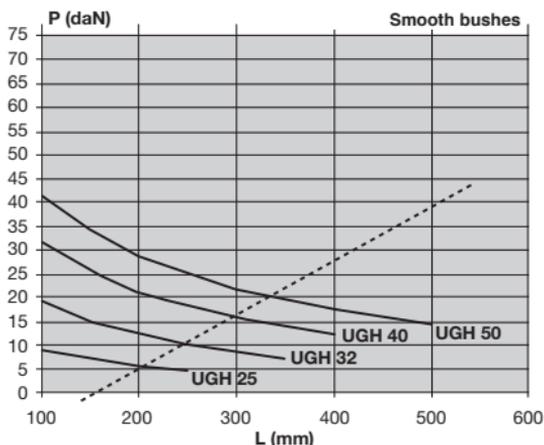
| Part number | Stroke (mm) | Actuator Ø (mm) | Guide rod Ø (mm) | Weight (kg) | Price each |
|-------------|-------------|-----------------|------------------|-------------|------------|
| UGH50-25    | 25          | 50              | 20               | 3,82        | 348,92 €   |
| UGH50-50    | 50          | 50              | 20               | 3,94        | 351,37 €   |
| UGH50-100   | 100         | 50              | 20               | 4,18        | 356,32 €   |
| UGH50-160   | 160         | 50              | 20               | 4,47        | 362,28 €   |
| UGH50-200   | 200         | 50              | 20               | 4,66        | 366,22 €   |
| UGH50-250   | 250         | 50              | 20               | 4,90        | 371,18 €   |
| UGH50-320   | 320         | 50              | 20               | 5,24        | 378,09 €   |
| UGH50-400   | 400         | 50              | 20               | 5,62        | 386,00 €   |
| UGH50-500   | 500         | 50              | 20               | 6,10        | 395,93 €   |
| UGH50-600   | 600         | 50              | 20               | 6,58        | 405,78 €   |

Dimensions in mm

# H Type guide units

## Load diagrams

Below (Details of guides with ball bearings can be supplied on request)





**DELIVERY  
24/48 H\***

**FREE  
DELIVERY**  
FOR ORDERS  
**100€\* OR MORE**



**VOLUME  
DISCOUNT**

**1,2,3  
PRODUCTS  
SOLD  
INDIVIDUALLY**



**FAST  
QUOTES  
& ORDERS**



**FREE  
CATALOGUES**



**CAD FILES  
STEP, IGES...**



**MADE TO  
MEASURE  
AVAILABLE**



**MINIMUM  
ORDER  
20€\***

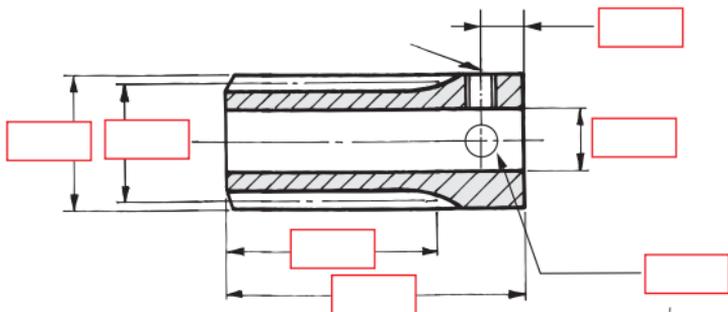
\* Certain conditions apply - Deliveries to mainland France only

# MADE TO MEASURE

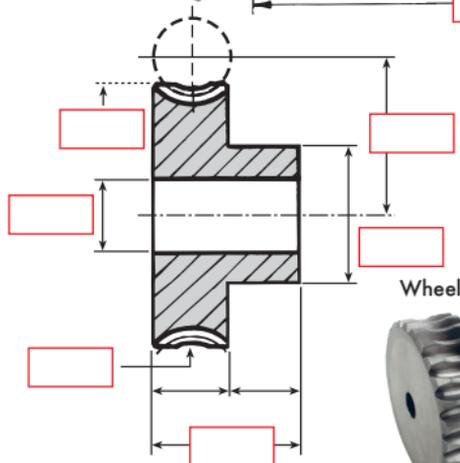
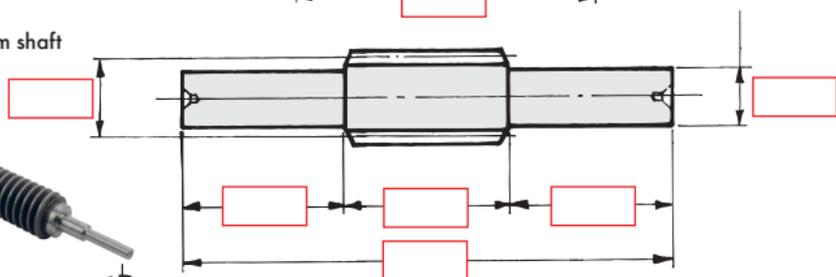
## WORMS AND WHEELS

Please complete this form and return it to us!  
 Email address: [cial2@hpcurope.com](mailto:cial2@hpcurope.com)  
 Tel: +33(0)4 37 496 496

Bored worm



Worm shaft



Wheel



|                          |                      |
|--------------------------|----------------------|
| MODULE                   | <input type="text"/> |
| N° OF TEETH              | <input type="text"/> |
| HELIX ANGLE              | <input type="text"/> |
| DISTANCE BETWEEN CENTRES | <input type="text"/> |

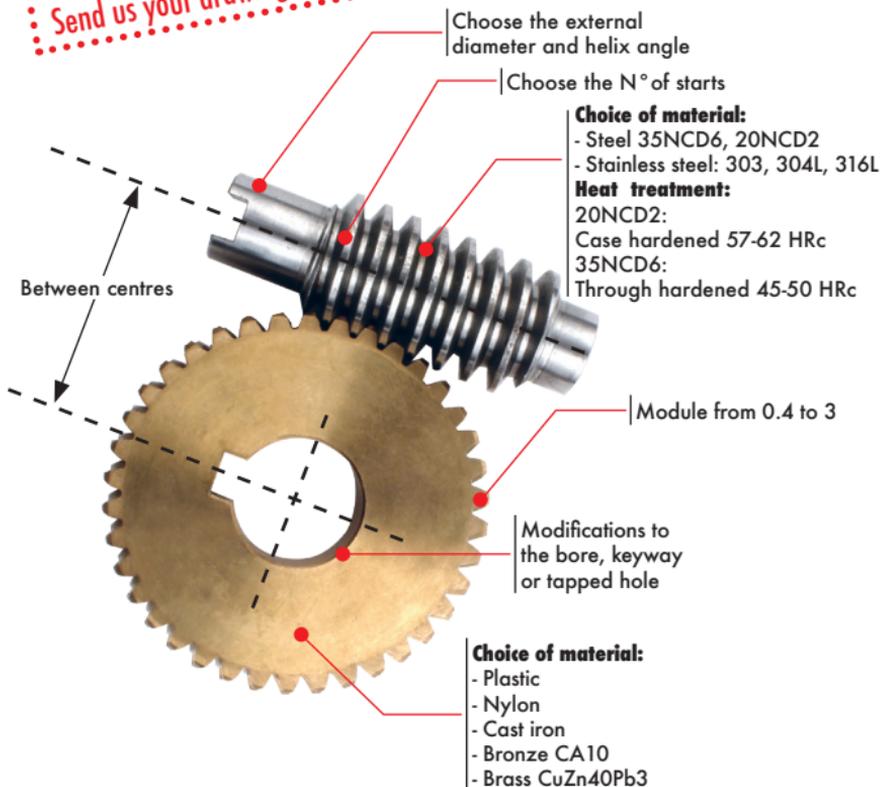
|                  |                          |
|------------------|--------------------------|
| OPTION :         |                          |
| Left hand helix  | <input type="checkbox"/> |
| Right hand helix | <input type="checkbox"/> |

# MADE TO MEASURE

## WORMS AND WHEELS

From  
1+>

A FACE requires machining?  
Need a PRECISION gear?  
Send us your drawings!



**TIP:** to determine the orientation of the helix angle, lay the gear flat on a table.  
If the teeth rise to the right, the gear has a right hand helix angle.  
If the teeth rise to the left, the gear has a left hand helix angle.

# MADE TO MEASURE

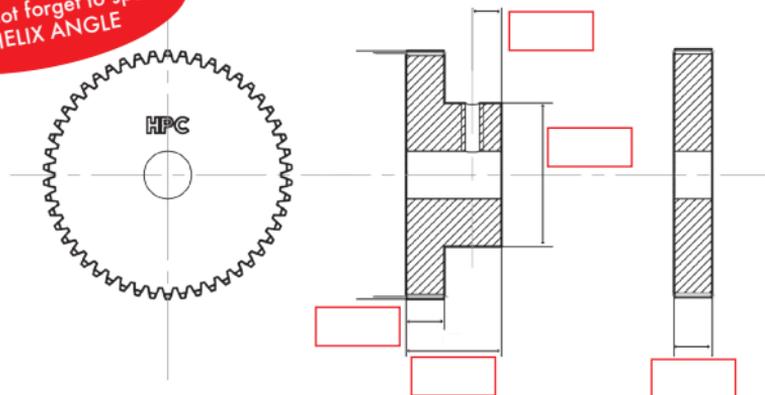
## GEARS – PLEASE FILL IN THE DETAILS

Please complete this form and return it to us!

Email address: [cial2@hpceurope.com](mailto:cial2@hpceurope.com)

Tel: +33(0)4 37 496 496

For helical gears,  
please do not forget to specify  
the HELIX ANGLE



|      |            |               |          |
|------|------------|---------------|----------|
|      |            |               |          |
| Bore | Keyway     | Threaded hole | Pin hole |
| ØA   | ØA   K   H | ØT   Qty   α° | ØG       |

|                |  |                |  |
|----------------|--|----------------|--|
| Module         |  | Material       |  |
| N° of teeth    |  | Heat treatment |  |
| Pressure angle |  | Hardness       |  |
| Helix angle    |  | Quantity       |  |

# MADE TO MEASURE

## GEARS

1. SMALL CHANGES: Find the Part N° of the standard part (from the catalogue or website) and specify the modification(s) required (bore, keyway....)
2. CHANGES TO DIMENSIONS: Please complete the form opposite
3. CUSTOM MADE PART: Please send us your drawing(s)

A FACE requires machining?  
Need a PRECISION gear?  
Send us your drawings!

### Modules from 0.4 to 8

A reminder for spur gears:

Z = No of teeth

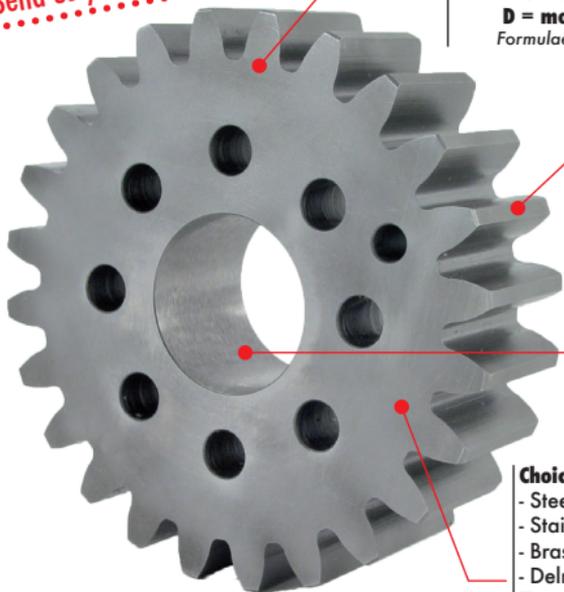
P = Pitch Circle Diameter

**P = module x Z**

D = External diameter

**D = module x (Z+2)**

*Formulae do not apply for helical gears*



Alternative teeth widths

Modifications to the bore, keyway or tapped hole

### Choice of material:

- Steel: 35 NCD6, 20NCD2
- Stainless steel: 303, 304L, 316L
- Brass CuZn40Pb3
- Delrin, Nylon

### Heat treatment:

- 20NCD2: Case hardened 57-62 HRC, 35NCD6: Through hardened 45-50 HRC

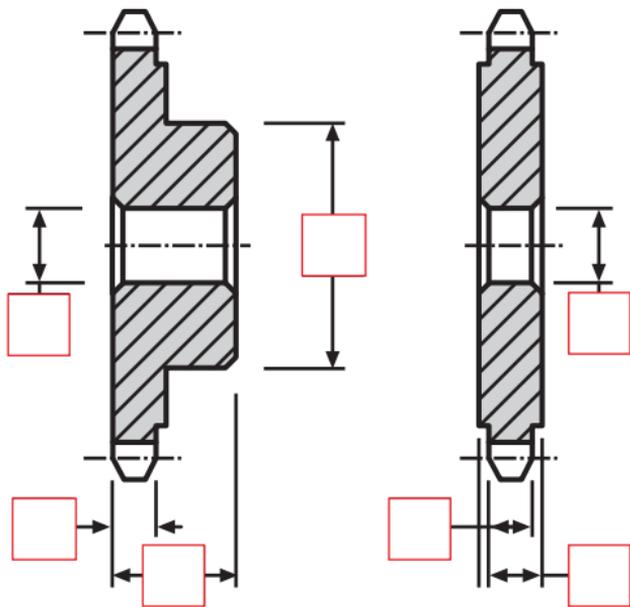
### EXAMPLES OF GEARS ALREADY SUPPLIED



# MADE TO MEASURE

## CHAIN SPROCKETS PLEASE FILL IN THE DETAILS

Please complete this form and return it to us!  
Email address: [cial2@hpceurope.com](mailto:cial2@hpceurope.com)  
Tel: +33(0)4 37 496 496



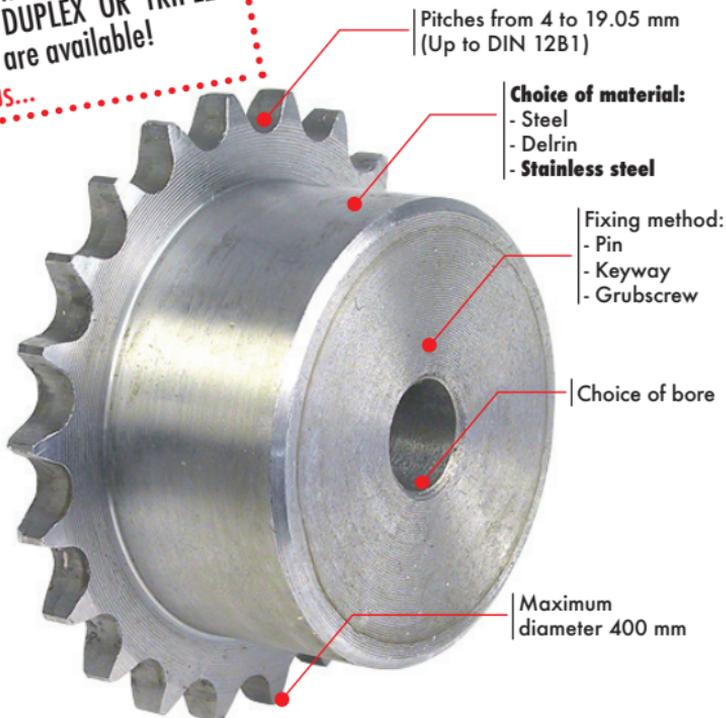
| SPROCKET CHARACTERISTICS |  |             |  |
|--------------------------|--|-------------|--|
| Pitch                    |  | Keyway      |  |
| N° of teeth              |  | Tapped hole |  |
| Ø PCD                    |  | Material    |  |
| Ø external               |  | Treatment   |  |
| Quantity                 |  | Other:      |  |

# MADE TO MEASURE

## CHAIN SPROCKETS

1. **SMALL CHANGES:** Find the Part N° of the standard part (from the catalogue or website) and specify the modification(s) required (bore, keyway....)
2. **CHANGES TO DIMENSIONS:** Please complete the form opposite
3. **CUSTOM MADE PART:** Please send us your drawing(s)

Made to measure versions of  
**SIMPLEX, DUPLEX OR TRIPLEX**  
sprockets are available!  
Contact us...



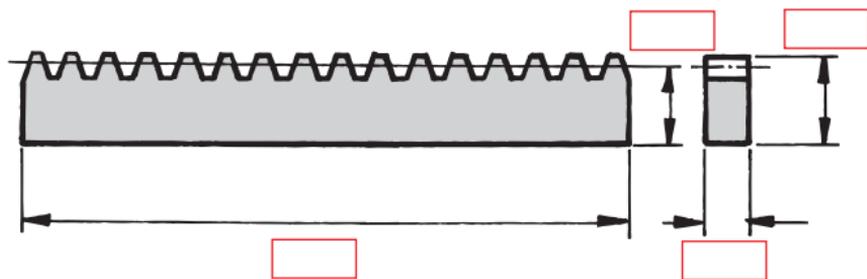
### **DID YOU KNOW?**

A system built using sprockets and chains must be kept under tension and correctly lubricated. Please do not forget to include a chain tensioner in your system.

Contact our technical support team for more information

# MADE TO MEASURE

## GEAR RACKS



# MADE TO MEASURE

## SCREW JACKS

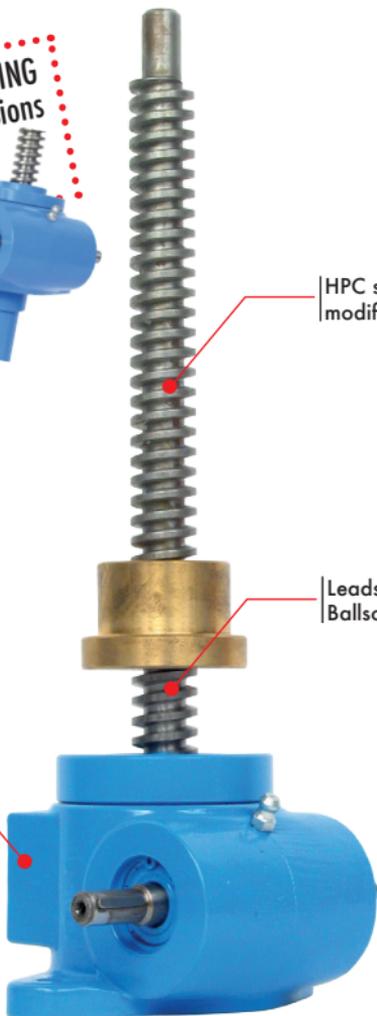
ROTATING screw or TRANSLATING screw, made to measure versions are available!  
Contact-us.....



HPC standard with modified length

Leadscrew or Ballscrew

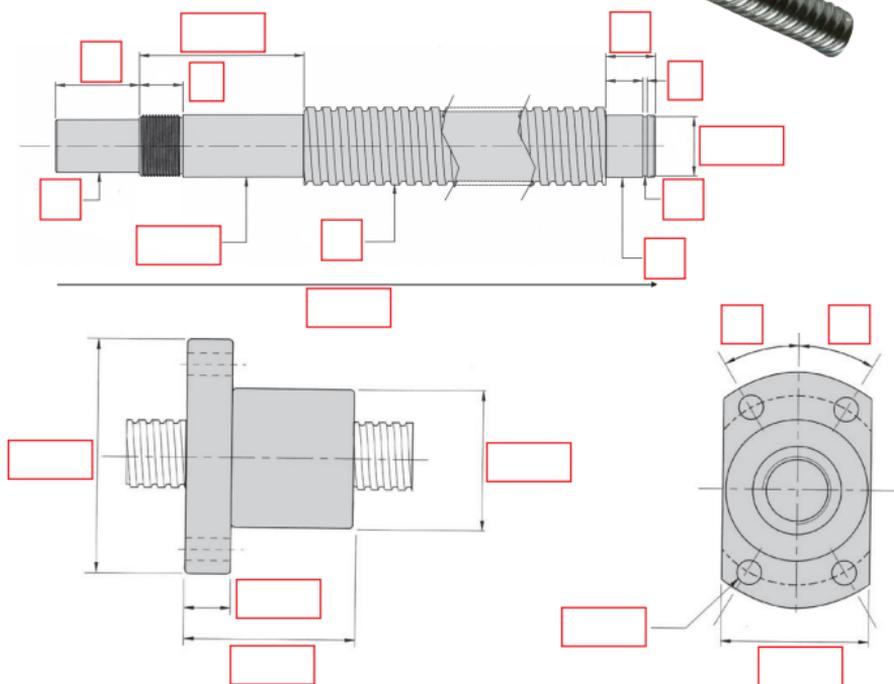
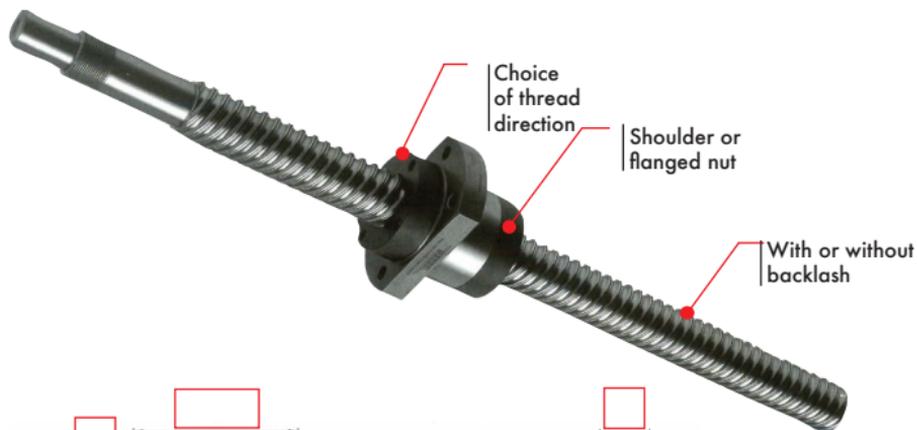
With or without motor



**Need a custom built version?**  
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# MADE TO MEASURE

## BALLSCREWS



# MADE TO MEASURE

## TRAPEZOIDAL LEADSCREWS

1 start? 2 starts? BI-DIRECTIONAL?  
Made to measure versions available!  
Contact us...

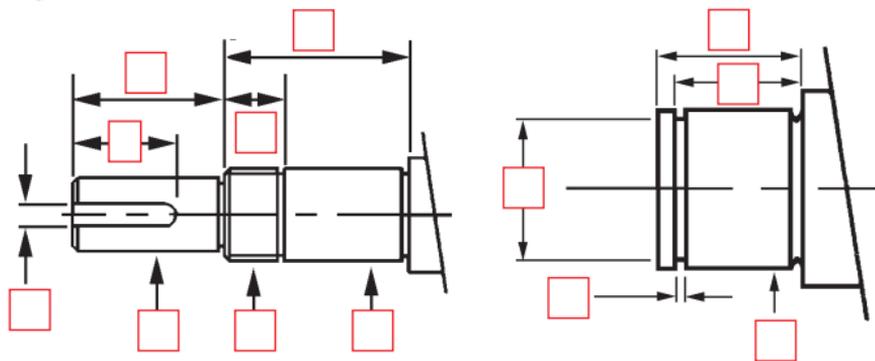
Min  
quantity

Choice of material:

- Mild steel
- Stainless steel

Choice of  
length and  
diameter

EXAMPLES OF DIFFERENT ENDS



# General Terms of Sale

## (For professional Clients)

### 1- APPLICATION AND OPPOSABILITY OF THE GENERAL TERMS OF SALE

Placing an order with ENGRENAGES HPC - Ct Meca ("HPC - Ct Meca") implies the full and unreserved acceptance by the professional buyer (the "Customer") of these General Terms of Sale (the "GTC"), to the exclusion of all other documents issued by HPC - Ct Meca which are provided for information only and solely for reference, in spite of any stipulation to the contrary indicated on the Customer's purchase orders, on its general terms and conditions of purchase or on any other document produced by the Customer.

Any condition imposed by the Customer shall therefore be ineffective against HPC - Ct Meca unless it is expressly accepted by HPC - Ct Meca, regardless of when it was informed of the condition.

These GTS may only be completed by the specifications for customised parts, it being stated that if there is any conflict between these GTS and the technical specifications of the parts to be produced, the CGV shall take precedence.

If HPC - Ct Meca does not require performance at a given time of any of the clauses hereof, it cannot be deemed to have waived its right to require performance later on.

### 2 - ORDERS

Orders must be placed in writing by the Customer with HPC - Ct Meca. Any order placed by telephone must therefore be confirmed by the Customer in writing within 24 hours of the phone call. If it is not confirmed, it will not be taken into account. The order only becomes final and the sales agreement is only formed once it has been accepted by HPC - Ct Meca either by sending confirmation of order or by delivery of the products ordered to the Customer.

If HPC - Ct Meca makes any changes to the Customer's order, which are indicated in the order confirmation letter sent to the Customer, the Customer is deemed to have accepted the changes unless it submits a written response within 24 hours.

-No orders will be accepted for less than 20€ exclusive of tax, including for over-the-counter orders.

-No orders will be accepted for less than 150€ for EU countries, or for over 500€ for non-EU countries.

### 3- MODIFICATION OR CANCELLATION OF ORDERS

Modification or cancellation of orders requested by the Customer can only be taken into account if they have been expressly accepted by HPC - Ct Meca within 24 hours of the request.

The Customer will be liable for any processing costs. They will be indicated in the acceptance letter. The costs applicable may represent up to 50% of the total cost of the order row concerned or of the total cost of the order. If they are not accepted by HPC - Ct Meca, the products initially ordered will be shipped as initially planned and must be paid for.

### 4- PRICE

All of the prices in our catalogue are indicated exclusive of tax, and VAT at the current rate, delivery and packaging charges and any insurance that the Customer wishes to take out, must be added. The packaging is selected by HPC - Ct Meca, unless specifically requested by the Customer.

Except as otherwise stated, the products are sold at the price in force on the order date. The prices of the products stated in the catalogue are those in force on the catalogue publication date indicated on the cover. They may be amended by HPC - Ct Meca at any time.

## **5-DELIVERY - TERMS - LEAD TIMES**

### **A- LEAD TIMES**

Parts in stock on the order acceptance date may be made available or shipped within a maximum of 72 hours from the time of acceptance. For parts in the catalogue that are not in stock on the order acceptance date or for special parts, the manufacturing lead time is indicated for information only when the order is accepted.

Except in cases of force majeure, if the delivery date indicated by HPC - Ct Meca is exceeded by more than thirty (30) working days, the Customer may request the early cancellation of the order by registered letter with acknowledgement of receipt within thirty (30) working days of expiry of the deadline.

For the purposes of these GTS, the following are deemed to be force majeure events: wars, riots, fires, strikes, natural disasters, impossibility of obtaining supplies, this list not being restrictive.

Cancellation shall enter into effect on the date of receipt by HPC - Ct Meca of the aforementioned letter provided that the delivery has not been carried out prior to the date of receipt of the letter.

### **B- DELIVERY**

Except as otherwise expressly stipulated, delivery is carried out by direct delivery of the products to the Customer on the premises of HPC - Ct Meca in Dardilly, 69570 (France) or to the carrier chosen by HPC - Ct Meca, or failing that one chosen by the Customer.

The products are sold from Dardilly, 69570 France (premises of HPC - Ct Meca), and are transported at the risk of the consignee, notwithstanding HPC - Ct Meca's retention of title clause as stipulated below.

Except as otherwise expressly provided, goods are transported FCA (at the Customer's expense by the carrier chosen by HPC - Ct Meca) or failing that one by the Customer.

It is up to the Customer to express any customary observations and reservations to the carrier in the event of loss or damage during transport, by registered letter with acknowledgement of receipt or by extrajudicial document within three days of receipt of the products (Article L.133-3 of the French Commercial Code).

HPC - Ct Meca reserves the right to carry out part deliveries.

### **C- ACCEPTANCE**

The Customer must check at the time of delivery, in the presence of the carrier, that the parcels do not show any sign of having been damaged, broken or opened, and that the number of parcels matches the number indicated on the shipping document. The customer must express any reservations on the shipping document.

Without prejudice to the measures to be taken with regard to the carrier, claims regarding apparent defects or non-compliance of the product delivered with the product ordered or with the consignment note must be made in writing within thirty days of the arrival of the products, or the claim is barred.

It is up to the Customer to ask HPC - Ct Meca for a return voucher number and to provide any proof of the reality of the defects or anomalies identified. It must enable HPC - Ct Meca to assess these defects and remedy them. It will not intervene itself, or require a third party to intervene for this purpose.

HPC - Ct Meca's only obligation under the warranty will be to replace free-of-charge the item that it has recognised as defective. All warranty claims for products must first be submitted to HPC - Ct Meca's quality or engineering department, whose consent is required for any replacement. Any postal charges are payable by the Customer if the warranty does not apply.

## 6- PAYMENT - TERMS AND CONDITIONS

Our invoices are sent with the articles ordered and are payable:

- on receipt,
- at the end of the month, 30 days after the invoice date, subject to the line of credit granted. This means of payment is subject to approval by HPC - Ct Meca, which reserves the right to withdraw it at any time, without the Customer being able to object,
- in Euros,
- Credit card (Master card or visa) or bank transfer, the choice of method of payment cannot change the payment due date

No discount will be granted for early payment.

## 7- LATE OR NON-PAYMENT

In the event of late payment, the penalty is due without it being necessary to send a reminder, on the day following the payment date indicated on the invoice.

Unless there is a provision to the contrary, which cannot however set the rate at less than three times the legal interest rate, the interest rate for the late payment penalty is equal to that applied by the European Central Bank in its most recent refinancing operation, increased by 10%.

Lump-sum compensation for recovery costs is automatically due from the first day of late payment regardless of the deadline applicable to the transaction. This lump-sum compensation of 40€ must be paid in the event of late payment of any amount due, in addition to the late payment penalty.

If the recovery costs actually incurred are higher than this fixed amount, in particular if a collection agency is employed to send reminders and notice to pay, the Customer may be asked to pay additional compensation on production of documentary evidence.

HPC - Ct Meca reserves the right to suspend the customer's orders in progress, with or without notice, until it has paid the amounts due, and to take back the equipment delivered.

The Customer must pay each invoice at the due date even if a claim is made.

## 8- WARRANTY

HPC - Ct Meca guarantees the Customer against defects or hidden defects in the products sold, under the conditions specified in Article 1641 of the French Civil Code.

In the event of customised production, since HPC - Ct Meca does not provide any services as an engineering department, it undertakes to produce the products in compliance with the specifications provided by the Customer, but does not guarantee that they will function, which it is up to the Customer alone to assess. The Customer alone is responsible for the information transmitted to HPC - Ct Meca.

For standard products, HPC - Ct Meca guarantees that they will meet the specifications indicated in the catalogue, subject to technical changes made by suppliers. Liability and/or warranty claims against HPC - Ct Meca must be made within thirty days of receipt of the goods by the Customer. They cannot result in compensation that exceeds the price of the order concerned. Damage caused by a part marketed by HPC - Ct Meca cannot on any account result in compensation.

If a customised product infringes the rights of a third party, the Customer undertakes to repay any resulting costs that may be incurred by HPC - Ct Meca (proceedings, compensation, damages, costs of lawyers and other consultants etc.) and actively help to defend HPC - Ct Meca at its own expense.

The warranty does not apply if the products sold are modified or interfered with without the prior written agreement of HPC - Ct Meca or if the products are used in an abnormal manner or in abnormal conditions in view of their characteristics and the normal practice and standards applicable (in particular in the event of use or installation in aircraft and/or spacecraft for which the products are totally unsuitable).

## **9- RETURNS - TERMS AND CONDITIONS**

All product returns must be the subject of a formal agreement between HPC - Ct Meca and the Customer by fax, email or letter.

The carrier is chosen by HPC - Ct Meca. Any product returned without such agreement shall be kept at the Customer's disposal and will not result in the issue of credit notes or repayment.

In any case, no returns will be accepted if they are sent more than thirty days after receipt of the product. The Customer is always liable for the costs and risks of return. All returns must be sent to our head office.

All returns accepted by HPC - Ct Meca shall result in the issue of a credit note to the Customer valid for a period of six months from the issue date, after checking the quality and quantity of products returned.

In the event of an apparent defect or non-compliance of the products delivered, duly certified by HPC - Ct Meca, the Customer may receive a replacement free of charge, or repayment of the products, at HPC - Ct Meca's discretion, to the exclusion of any compensation or damages.

## **10- RETENTION OF TITLE**

Transfer of ownership of all standard or customised parts is subject to payment of the price in full, including principal and incidental charges, it being stated that payment is deemed to have taken place on the date of actual receipt of the amounts by HPC - Ct Meca.

The preceding provisions do not prevent the transfer of risks to the Customer (in particular the risk of loss, deterioration and damage caused by the parts shipped) at the time of shipping or delivery of the goods by HPC - Ct Meca.

If the Customer returns equipment acquired from HPC - Ct Meca in order to have a part produced that must be incorporated in it, or that will be added to it, the Customer remains the owner of the equipment, bears the costs of shipping and return, and the risks linked to transport and any adaptation or alteration of the equipment by HPC - Ct Meca, and to any damage it may cause.

## **11- APPLICABLE LAW - COURT OF COMPETENT JURISDICTION**

Sales concluded with HPC - Ct Meca are governed by French law.

Any disputes that may arise between the parties concerning the interpretation and/or performance and/or termination of the contract shall be referred to the commercial courts with jurisdiction over the head office of HPC - Ct Meca, even in the event of third party proceedings or multiple defendants.

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Non-contractual photographs.

Product information subject to technical changes.

General Terms of Sale for non-professional clients are available on our website [hpceurope.com](http://hpceurope.com)





















































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Also  
available :



## **HPC**



Français



English

For download :



CAD

PDF



Italiano

## **HPC** **Ct Meca**

## Our other products



BPHF

Ball transfer unit push fit, Heavy



BABFCFO

Ball pin socket, Mounting collar with a oval flange



G0

Steel spur gear, Steel 20NCD2



GARBAB

Lock pin for clamping, Ball lock pin



TCSH

Automatic chain tensioner, With support



NPR

Reflector support,



JFM

Flanged polymer bush, Universal polymer



VDSCB

Sliding lock adjustment system, Blocking wedge for sliding lock for ...



HTD8M\_20

HTD Heavy duty timing pulley, HTD8



BH02

Single housed bearing assembly, Bearing



CLSCLP\_SS

Clevis components, short version,



LVT

Miniature motorised actuator 4A, 4 amperers

Complementary products