

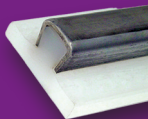
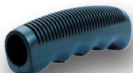
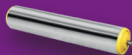
5/5
2025

HPC

Mechanical components
by mail order



Conveyors and Housing




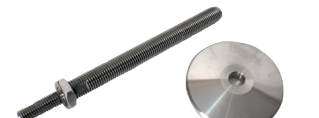




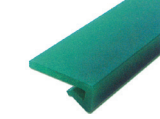




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 <p>Miniature ball transfer unit p.44</p>		 <p>stainless steel Polyamide wheel and castor p.51</p>	
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Engrenages HPC SARL
au capital de 76 224€ SIRET :
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Numéro de TVA : FR 41 382 911 907

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P.IVA : FR 41 382 911 907



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Engrenages HPC SARL
au capital de 76 224€ SIRET :
38291190700048 • Code APE 4669B
VAT Numbers : FR 41 382 911 907

INDEX ICONS

Internal bore



Modifiable



Non-modifiable

Angles



Load



Axial load



Radial load



Heavy duty



Max load
1 tonne

Delivery time



48h



In hours or weeks

Method of fabrication



Moulded



Machined

Material



Steel



Stainless steel



Aluminium



Brass



Bronze



Nylon



Copper



Plastic



Delrin



Peek



Cast iron

Resistant to



Low
temperatures



High
temperatures



Corrosion



Shock

Special HPC



Custom-made



In stock



In imperial

Compatibility



Robotic
industry



Food industry

Maintenance



Maintenance
free



No lubrication

Applicable



Industrial



Manual

Standards



DIN



ISO

Origin



Japan



Switzerland

Quality



from 1 to 8

Others



Bi-directional



Precision



Duo



Bearings



Light



No fixing



Miniature size



Low cost
range



Modulable



High
speed of
rotation



Easy assembly

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**SUCTION
CUP**



p.10

**SUCTION CUP THREADED
INSERT**



p.13

MACHINE PARTS

P. 10-29

MANUAL WORKBENCH PRESS



p.16

MANUAL WORKBENCH ACCESSORIES



p.21

Suction cup, 1.5 bellows



DCA

For uneven surfaces

- Materials:

nitrile (NBR) : black color

silicone (SI) : translucent

natural rubber (NR) : grey color

Natural rubber

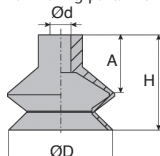
Nitrile

Silicone

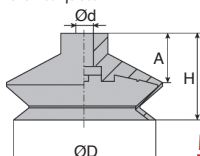


Uses

- For moving parts with uneven surfaces



DCA05 to DCA16



DCA20 to DCA43

DISCOUNTS

Qty	1+	50+	100+	150+	200+
Disc.	List	-5%	-10%	-15%	On request

Part number	ØD	H	Ød	A	Corresponding thread insert	Stock*	Price each 1 to 49
Nitrile							
DCA05-NBR	5,5	11,1	4	8,0	TM5M5	✓	6,87 €
DCA11-NBR	11,0	16,0	4	10,5	CTM10M5	✓	5,95 €
DCA14-NBR	13,0	15,8	4	11,0		-	6,19 €
DCA16-NBR	16,0	19,0	4	10,5		-	6,66 €
DCA20-NBR	19,0	15,8	4	10,5		✓	6,50 €
DCA22-NBR	22,0	19,5	4	11,0		-	6,76 €
DCA25-NBR	24,0	23,0	4	16,5	-	7,37 €	
DCA33-NBR	33,0	28,0	8	16,5	SCR30M6	-	7,44 €
DCA43-NBR	43,0	28,0	8	15,5		✓	8,04 €
Silicone							
DCA05-SI	5,5	11,1	4	8,0	TM5M5	-	11,90 €
DCA11-SI	11,0	16,0	4	10,5	CTM10M5	✓	7,36 €
DCA14-SI	13,0	15,8	4	11,0		-	7,95 €
DCA16-SI	16,0	19,0	4	10,5		✓	7,95 €
DCA20-SI	19,0	15,8	4	10,5		✓	7,95 €
DCA22-SI	22,0	19,5	4	11,0		✓	7,95 €
DCA25-SI	24,0	23,0	4	16,5	✓	8,21 €	
DCA33-SI	33,0	28,0	8	16,5	SCR30M6	✓	9,12 €
DCA43-SI	43,0	28,0	8	15,5		✓	9,23 €
Natural rubber							
DCA05-NR	5,5	11,1	4	8,0	TM5M5	-	5,95 €
DCA11-NR	11,0	16,0	4	10,5	CTM10M5	-	6,19 €
DCA14-NR	13,0	15,8	4	11,0		-	8,88 €
DCA16-NR	16,0	19,0	4	10,5		✓	8,48 €
DCA20-NR	19,0	15,8	4	10,5		-	12,38 €
DCA22-NR	22,0	19,5	4	11,0		-	6,76 €
DCA25-NR	24,0	23,0	4	16,5	-	9,45 €	
DCA33-NR	33,0	28,0	8	16,5	SCR30M6	✓	8,40 €
DCA43-NR	43,0	28,0	8	15,5		✓	8,40 €

*Depending on availability - Dimensions in mm

- Suction cup for lifting and moving objects

- Materials:

nitrile (NBR) : black colour, silicone (SI) :
translucent, natural rubber (NR) grey colour

Natural
rubber

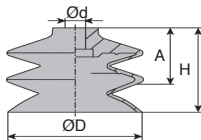
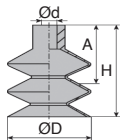
Nitrile



silicone

Uses

- For moving parts with irregular or curved surfaces
- These bellows allow for a more supple and faster grip, and also compensate for differences in height



DISCOUNTS

Qty	1+	50+	100+	150+	200+
Disc.	List	-5%	-10%	-15%	On request

DCG07C to DCG25

DCG30 to DCG60

Part number	ØD	H	Ød	A	Corresponding threaded insert	Stock*	Price each 1 to 49
Nitrile							
DCG07C-NBR	7,0	14,2	4,0	10,0	CTM10M5	-	6,22 €
DCG10-NBR	9,0	15,0	5,0	12,0		✓	5,63 €
DCG15-NBR	15,2	22,0	5,0	12,0		✓	6,50 €
DCG18-NBR	17,5	23,0	5,0	13,0		-	6,76 €
DCG20-NBR	20,0	23,0	5,0	13,0		-	6,76 €
DCG25-NBR	25,0	33,0	4,5	19,34	-	6,76 €	
DCG30-NBR	32,0	37,5	8,0	23,0	SCR30M6	-	7,36 €
DCG40-NBR	42,0	46,0	8,0	24,0		-	8,61 €
DCG60-NBR	62,0	55,0	8,0	28,0		-	11,65 €
Silicone							
DCG07C-SI	7,0	14,2	4,0	10,0	CTM10M5	-	7,95 €
DCG10-SI	9,0	15,0	5,0	12,0		✓	7,03 €
DCG15-SI	15,2	22,0	5,0	12,0		✓	7,95 €
DCG18-SI	17,5	23,0	5,0	12,0		✓	7,95 €
DCG20-SI	20,0	23,0	5,0	13,0		✓	8,21 €
DCG25-SI	25,0	33,0	4,5	19,34	✓	8,21 €	
DCG30-SI	32,0	37,5	8,0	23,0	SCR30M6	✓	12,18 €
DCG40-SI	42,0	46,0	8,0	24,0		✓	10,80 €
DCG60-SI	62,0	55,0	8,0	28,0		✓	13,90 €
Natural rubber							
DCG07C-NR	7,0	14,2	4,0	10,0	CTM10M5	-	7,72 €
DCG10-NR	9,0	15,0	5,0	12,0		-	11,35 €
DCG15-NR	15,2	22,0	5,0	12,0		-	6,50 €
DCG18-NR	17,5	23,0	5,0	12,0		-	6,76 €
DCG20-NR	20,0	23,0	5,0	13,0		-	11,76 €
DCG25-NR	25,0	33,0	4,5	19,34	-	14,13 €	
DCG30-NR	32,0	37,5	8,0	23,0	SCR30M6	-	7,36 €
DCG40-NR	42,0	46,0	8,0	24,0		-	15,52 €
DCG60-NR	62,0	55,0	8,0	28,0		✓	17,41 €

*Depending on availability - Dimensions in mm

Flat suction cup



DFG

For flat surfaces

- Suction cup to lifting and moving objects

- Materials:

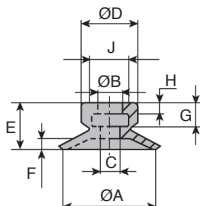
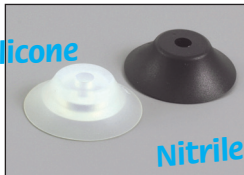
nitrile (NBR) : black colour

silicone (SI) : translucent

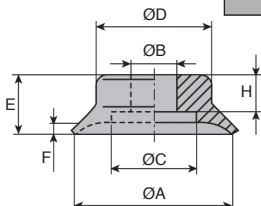
Uses

- Ideal where accuracy is required

- Only for use on flat surfaces



DFG05A to DFG15A



DFG20 to DFG50

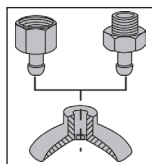
DISCOUNTS

Qty	1+	50+	100+	150+	200+
Disc.	List	-5%	-10%	-15%	On request

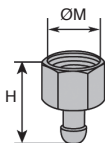
Part number	ØA	ØB	ØC	ØD	E	F	G	H	J	Corresponding threaded insert	Stock*	Price each 1 to 49
Nitrile												
DFG05A-NBR	5,0	4,0	1,4	7,5	6,5	0,8	4	2,0	6	TM5M5	-	5,50 €
DFG06A-NBR	6,0	4,0	2,0	7,5	6,5	0,8	4	2,0	6		-	5,79 €
DFG08A-NBR	8,0	4,0	2,0	8,0	7,0	1,2	4	2,0	6		-	5,79 €
DFG10A-NBR	10,0	4,0	2,0	8,5	7,5	1,5	4	2,0	6		-	5,98 €
DFG15-NBR	15,0	4,0	2,0	9,0	8,0	2,0	4	2,0	6	SCR15M5	-	6,61 €
DFG20-NBR	20,0	6,0	11,0	15,0	12,5	2,3	-	7,0	-	SCR20M5	✓	4,42 €
DFG25-NBR	25,0	6,0	11,0	16,0	14,0	3,0	-	7,0	-	-	-	4,06 €
DFG30-NBR	30,0	6,0	11,0	14,0	12,0	2,0	-	7,0	-	SCR20BM6	✓	4,23 €
DFG40-NBR	40,0	6,0	11,0	21,0	14,0	4,0	-	7,0	-	-	✓	6,65 €
DFG50-NBR	50,0	8,0	20,0	27,0	15,0	3,5	-	7,0	-	SCR50M6	-	8,82 €
Silicone												
DFG05A-SI	5,0	4,0	1,4	7,5	6,5	0,8	4	2,0	6	TM5M5	-	4,30 €
DFG06A-SI	6,0	4,0	2,0	7,5	6,5	0,8	4	2,0	6		-	7,37 €
DFG08A-SI	8,0	4,0	2,0	8,0	7,0	1,2	4	2,0	6		-	6,14 €
DFG10A-SI	10,0	4,0	2,0	8,5	7,5	1,5	4	2,0	6		-	4,87 €
DFG15-SI	15,0	4,0	2,0	9,0	8,0	2,0	4	2,0	6	SCR15M5	✓	5,81 €
DFG20-SI	20,0	6,0	11,0	15,0	12,5	2,3	-	7,0	-	SCR20M5	✓	5,63 €
DFG25-SI	25,0	6,0	11,0	16,0	14,0	3,0	-	7,0	-	-	-	5,21 €
DFG30-SI	30,0	6,0	11,0	14,0	12,0	2,0	-	7,0	-	SCR20BM6	✓	7,12 €
DFG40-SI	40,0	6,0	11,0	24,0	14,0	4,0	-	7,0	-	-	-	7,71 €
DFG50-SI	50,0	8,0	20,0	27,0	15,0	3,5	-	7,0	-	SCR50M6	-	12,26 €

*Depending on availability - Dimensions in mm

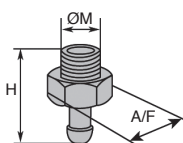
- Threaded insert for suction cup
- Material: nickel brass



Assembly diagram



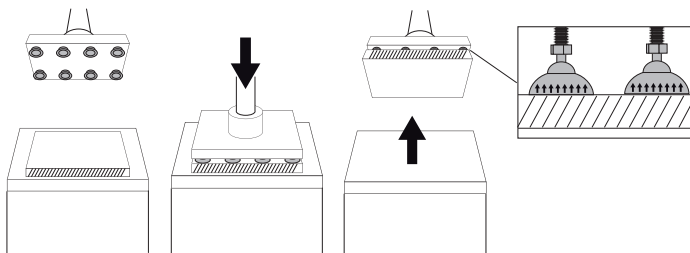
Female



Male



Typical assembly



DISCOUNTS

Qty	1+	50+	100+	150+	200+
Disc.	List	-5%	-10%	-15%	On request

Part number	ØM	H	A/F	type	For suction cup	Stock*	Price each 1 to 49
TM5M5	M5	12,0	8	male	DFG05A, DFG06A, DFG08A, DFG10A, DCA05	✓	2,50 €
CTM10M5	M5	13,5	13	male	DCA11, DCA14, DCA16, DCA22, DCA25	✓	2,64 €
CTM10G18	1/8"	19,5	13	male	DCG05C, DCG07C, DCG10, DCG12, DCG15	✓	3,51 €
CTF10G18	1/8"	18,5	13	femelle	DCG18, DCG20, DCG25	✓	3,24 €

*Depending on availability - Dimensions in mm

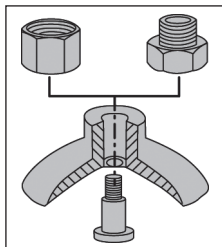
Suction cup threaded insert

Stock

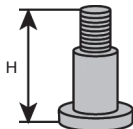
SCR
ADAG

Socket screw

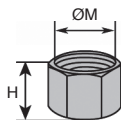
- Material: nickel brass



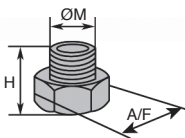
Assembly diagram



Socket screw insert



Female



Male



Adaptor

Insert socket head

DISCOUNTS

Qty	1+	50+	100+	150+	200+
Disc. List	-5%	-10%	-15%	On request	

Part number	Ø	H	For suction cup	For adaptor	Stock*	Price each 1 to 49
SCR15M5	M5	9	DFG15	ADAG18M5F	✓	4,06 €
SCR20M5	M5	11	DFG20	ADAG18F5F	✓	4,80 €
SCR30M6	M6	19	DCA33, DCA43, DCG30, DCG40, DCG60	ADAG18F6F, ADAG18M6F	✓	2,70 €
SCR20BM6	M6	14	DFG25, DFG30, DFG40	ADAG14F6F	✓	4,80 €
SCR50M6	M6	17	DFG50	ADAG14M6F	✓	6,73 €

DISCOUNTS

Qty	1+	50+	100+	150+	200+
Disc. List	-5%	-10%	-15%	On request	

Adaptor

Part number	ØM	H	A/F	Type	For socket screw insert	Stock*	Price each 1 to 49
ADAG18F6F	1/8»	14,0	13	female	SCR30M6, SCR20BM6, SCR50M6	-	3,24 €
ADAG14F6F	1/4»	17,5	17	female		✓	4,24 €
ADAG18M6F	1/8»	13,0	13	male	SCR30M6, SCR20BM6, SCR50M6	✓	3,24 €
ADAG14M6F	1/4»	15,0	17	male		✓	3,24 €
ADAG18M5F	1/8»	13,0	13	male	SCR15M5, SCR20M5	✓	4,24 €
ADAG18F5F	1/8»	14,0	13	female		-	4,60 €

*Depending on availability - Dimensions in mm

Introduction

A suction cup allows you to lift and move objects that differ in shape, size and weight by means of a vacuum. The Venturi phenomenon allows a vacuum to be created inside the cup lowering the internal atmospheric pressure by 30 to 98%, thus creating a near vacuum.

The theoretical holding force (N) of a suction cup is calculated by multiplying the surface area of the suction cup by the decrease in pressure (%):

$$\text{Suction force (N)} = \text{suction cup surface area (cm}^2\text{)} \times \text{vacuum level (\%)} \times 0.099366$$

To guarantee operational safety and to allow for movement and acceleration, safety coefficients should be applied, these are a Factor of 3 for horizontally applied suction cups and 5 for those vertically applied to allow for any sliding.

You will find the typical forces (N) of the suction cups at different vacuum rates (%) in the table below.

Example: for a 50mm diameter suction cup and a 90% vacuum, the theoretical suction force = 175.5N = 17.5kg = 5.83kg (when Fos of 3 applied).

Suction cup diameter (mm)	Surface Area (cm ²)	Theoretical force (N) of the suction cup at vacuum level (%)									
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
5	0,196	0,195	0,390	0,585	0,780	0,975	1,170	1,365	1,560	1,755	
6	0,282	0,280	0,561	0,842	1,123	1,404	1,685	1,966	2,247	2,528	
8	0,502	0,499	0,998	1,498	1,997	2,497	2,996	3,496	3,995	4,495	
10	0,785	0,780	1,560	2,341	3,121	3,902	4,682	5,462	6,243	7,023	
15	1,767	1,755	3,511	5,267	7,023	8,779	10,53	12,29	14,04	15,80	
20	3,141	3,121	6,243	9,365	12,48	15,60	18,73	21,85	24,97	28,09	
25	4,908	4,877	9,755	14,63	19,51	24,38	29,26	34,14	39,02	43,89	
30	7,068	7,023	14,04	21,07	28,09	35,11	42,14	49,16	56,19	63,21	
35	9,621	9,560	19,12	28,68	38,24	47,80	57,36	66,92	76,48	86,04	
40	12,56	12,48	24,97	37,46	49,94	62,43	74,92	87,40	99,89	112,3	
50	19,63	19,51	39,02	58,53	78,04	97,55	117,0	136,5	156,0	175,5	
60	28,27	28,09	56,19	84,28	112,3	140,4	168,5	196,6	224,7	252,8	

Materials	Working temperature C°	Shore hardness	Colour	Information
NBR = Nitrile	-30 to +110	55 ±5	black	Most common
SI = Silicone	-30 to +220	55 ±5	translucent	Resistant to high and low temperatures, suitable for food prep.
NR = Natural rubber	-25 to +90	50 ±5	grey	Good friction, resistance and very supple

Materials	Resistance: insufficient 1						excellent 6					
	tearing	cracking	elasticity	wear	friction	age	ozone	petrol	oil and grease	acid	alkali	hot water
NBR = Nitrile	4	5	4	4	4	4	4	5	6	2	4	4
SI = Silicone	5	4	5	4	5	4	6	4	6	3	3	3
NR = natural rubber	4	3	4	2	2	2	3	3	3	1	2	2

Manual workbench press



PRES2HR

Force up to 200 kg

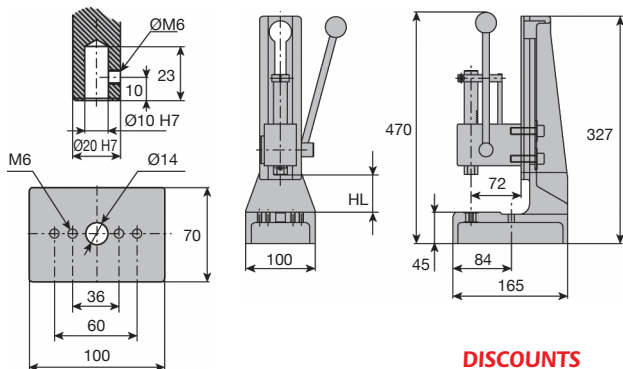
- Rack press
- The force is linear and constant over the full stroke.
- The ram is prevented from turning
- Free height is adjustable
- Stroke adjusts via a screw
- Quick and easy to install

Applications

- This model is particularly robust and is frequently used for the assembly of parts, simple bending tasks and various fastening operations

Option

- None available



DISCOUNTS

Qty	1+	2+
Disc.	List	On request

Part number	Force (kg)	Free height HL (mm)	Stroke (mm)	Goose neck depth (mm)	Weight (kg)	Stock*	Price each
PRES-2HR	200	54 - 200	50	72	8	✓	672,26 €

*Depending on availability - Dimensions in mm



Manual workbench press

Force up to **400 kg**

PRES3HR

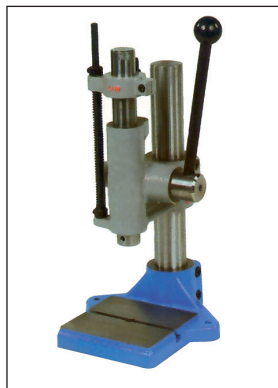
- Rack press
- The force is linear and constant over the full stroke.
- The ram is prevented from turning
- Free height is adjustable
- Stroke adjusts via a screw
- Quick and easy to install

Applications

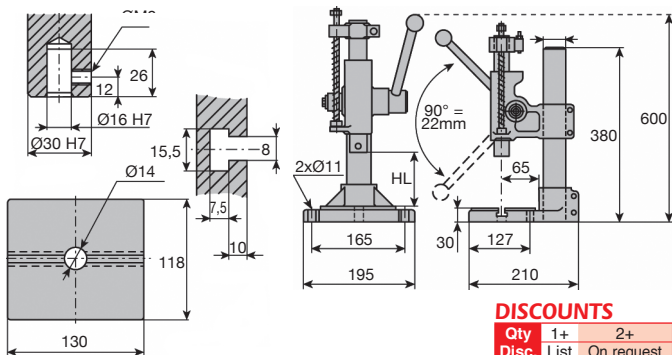
- This model is particularly robust and is frequently used for the assembly of parts, simple bending tasks and various fastening operations

Options

- 5 digit counter with reset button
- Accessories- see accessory page (tome 5 p.21)



version with counter



DISCOUNTS

Qty	1+	2+
Disc.	List	On request

Part number	Force (kg)	Free height HL (mm)	Stroke (mm)	Goose neck depth (mm)	Weight (kg)	Counter	Stock*	Price each
PRES-3HR	400	35 - 270	80	80	17	Without	✓	1 069,70 €
PRES-3HR-CPT	400	35 - 270	80	80	17	With	-	1 454,33 €

*Depending on availability - Dimensions in mm

Manual workbench press



PRES4HR

Force up to 600 kg

- Rack press
- The force is linear and constant over the full stroke.
- The ram is prevented from turning
- Free height is adjustable
- Stroke adjusts via a screw
- Quick and easy to install

Applications

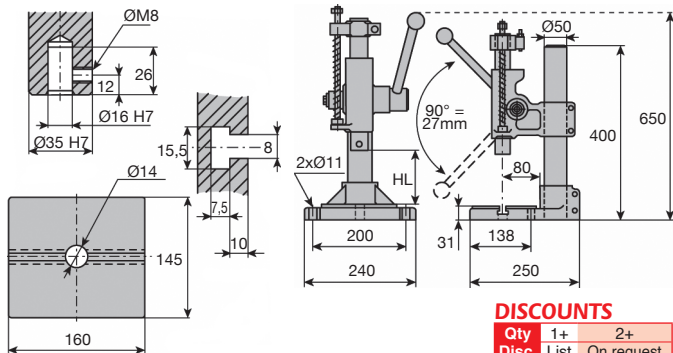
- This model is particularly robust and is frequently used for the assembly of parts, simple bending tasks and various fastening operations

Options

- 5 digit counter with reset button
- Accessories- see accessory page (tome 5 p.21)



version with counter



DISCOUNTS

Qty	1+	2+
Disc.	List	On request

Part number	Power (kg)	Free height HL (mm)	Stroke (mm)	Goose neck depth (mm)	Weight (kg)	Counter	Price each
PRES-4HR	600	46 - 280	100	95	25	Without	1 189,91 €
PRES-4HR-CPT	600	46 - 280	100	95	25	With	1 574,51 €

Dimensions in mm



Manual bench press

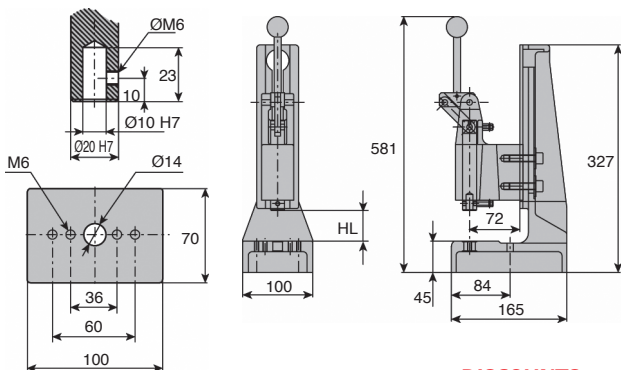
500 kg capacity

PRES5HR

- **Knee-joint press**
- The maximum power is reached at the end of the stroke
- The travelling nut is prevented from turning
- Adjustable free height
- Screw stroke adjustment
- Quick and easy installation

Uses

- This model is particularly robust and is normally used for the assembly of parts, simple bending tasks and various fastening operations



DISCOUNTS

Qty	1+	2+
Disc.	List	On request

Part number	Power (kg)	Free height HL (mm)	Stroke length (mm)	Goose neck depth (mm)	Weight (kg)	Stock*	Price each
PRES-5HR	500	42 - 185	50	72	9	✓	605.97 €

*Depending on availability - Dimensions in mm

Manual bench press



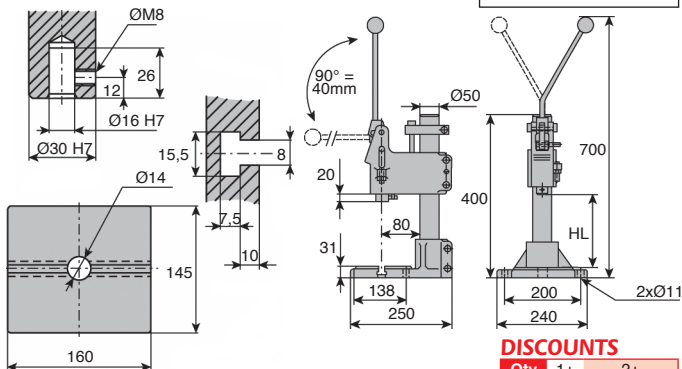
PRES7HR

700 kg capacity

- **Knee-joint press**
- The maximum power is reached at the end of the stroke
- The travelling nut is prevented from turning
- Adjustable free height
- Screw stroke adjustment
- Quick and easy installation

Uses

- This model is particularly robust and is normally used for the assembly of parts, simple bending tasks and various fastening operations



DISCOUNTS

Qty	1+	2+
Disc.	List	On request

Part number	Power (kg)	Free height HL (mm)	Stroke length (mm)	Goose neck depth (mm)	Weight (kg)	Price each
PRES-7HR	700	35 - 260	40	95	25	1 244,00 €

Dimensions in mm

Manual workbench press

Accessories for PRES-3HR and PRES-4HR presses

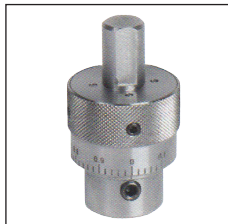
PRES

These accessories are only suitable for use with the PRES-3HR and PRES-4HR presses

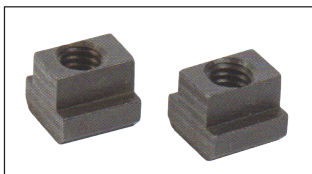
PRES-PMB: Micrometric adjustment PMB.
Bottom dead centre adjustment system, graduated every 0.02 mm

PRES-TE: Slot nuts for securing tools in the T slot

PRES-ER25: Collet chuck
Collet chuck with ER25 collet for shanks from \varnothing 1.5 to \varnothing 16 mm (Other diameters between 1.5 and 16 mm available on request)



PRES-PMB



PRES-TE



PRES-ER25

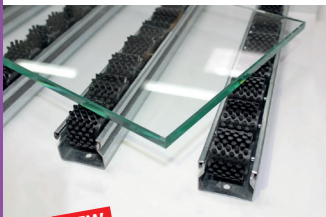
DISCOUNTS

Qty	1+	2+
Disc.	List	On request

Part number	Type	For shank diameter	Price each
PRES-PMB	Micrometric adjustment (0.02mm)	-	502,59 €
PRES-TE	Set of slot nuts for T profile slots	-	41,66 €
PRES-ER25-1.5	tool holder	1,5	450,30 €
PRES-ER25-2	tool holder	2	450,30 €
PRES-ER25-4	tool holder	4	450,30 €
PRES-ER25-6	tool holder	6	450,30 €
PRES-ER25-8	tool holder	8	450,30 €
PRES-ER25-10	tool holder	10	450,30 €
PRES-ER25-12	tool holder	12	450,30 €
PRES-ER25-14	tool holder	14	450,30 €
PRES-ER25-16	tool holder	16	450,30 €

Dimensions in mm

ROLLER TRACK



NEW

p.25

CONVEYOR WHEEL



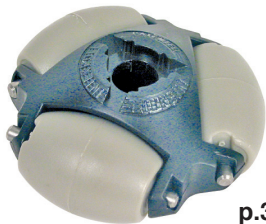
p.28

PLASTIC FREE RUNNING CONVEYOR ROLLER



p.30

OMNI-DIRECTIONAL ROLLER



p.32

HANDLING

P. 25-71

LOAD CARRYING BALL TRANSFER UNITS



p.33

WHEELS AND CASTORS



p.50



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

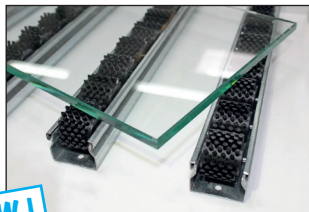
- Mini roller conveyor prevents damage to parts
- Surface-friendly fibre arrangement
- Dirt adhesion is prevented
- Reduced manual effort
- Easy handling in all direction

Materials

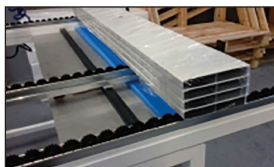
- Plastic roller, polyamide fibres
- Steel rail

Advantages

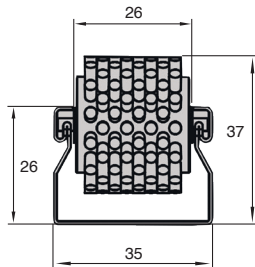
- Ideal for sensitive products
- Quiet conveying



NEW!



Typical application



DISCOUNTS

Qty	1+	2+	5+	10+	20+
Disc.	List	-5%	-11%	-14%	On request

Part number	Length L (mm)	Space between rollers (mm)	Nb of rollers	Load-bearing capacity per 1 m track (kg)	Price each.
Low density					
RAG-B30-2000	2000	66	30	25	170,60 €
High density					
RAG-B60-2000	2000	33	60	50	309,68 €

Dimension in mm

Floway2® roller track and basic support

RAG- FLOW2

Principal of operation



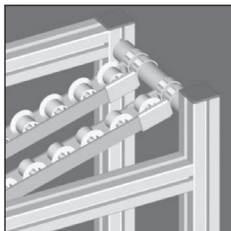
- The Floway-2® roller track allows storage systems to be created for plastic boxes or cardboard cartons

Support

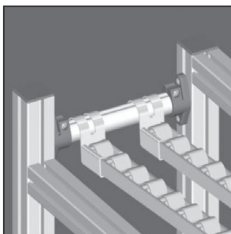
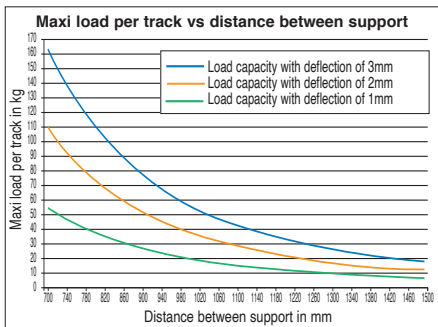
- For easy installation of roller tracks
- Suitable for use in gravity feed conveyors
- Material:
Electro-galvanised steel

Assembly

- Slide the roller track into the end support
- Position the complete assembly on the supporting structure
- Track can be locked in place using a screw (tapped hole to be drilled on site)



Basic support



Support with stop



Floway2[®] roller track and basic support

For transporting and storage

RAG-FLOW2

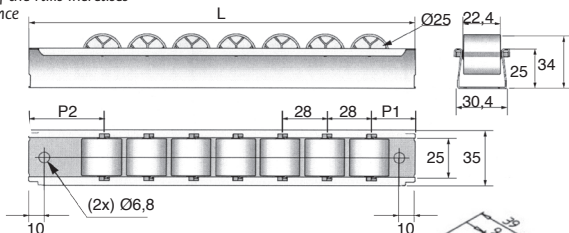
- High density polyethylene roller
- Chromed steel guide (no deformation under load)
- Rollers rotate on steel axles
- Colour: Black

Special Features

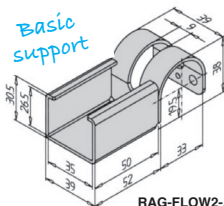
- The possibility of being able to stagger the position of the rails increases the performance of the system



Roller track

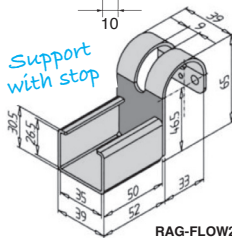


Basic support



RAG-FLOW2-A

Support with stop



RAG-FLOW2-B

DISCOUNTS Roller track DISCOUNTS Basic support

Qté	1+	5+	10+	Qté	1+	50+	100+
Disc. Prix	-5%	-5%	On request	Disc. Prix	-5%	-5%	On request

Roller track

Part number	P1	P2	Length L	N° of rollers	Max load per roller (kg)	Stock*	Price each 1 à 4
RAG-FLOW2-1000	35	41	1000 ±1	980	34	10	✓ 37,49 €
RAG-FLOW2-2000	35	33	2046 ±1	2016	70	10	✓ 68,40 €

Basic support

Part number	Description	Thickness	Weight (g)	Stock*	Price each 1 à 49
RAG-FLOW2-A	Basic support	2	124	-	9,55 €
RAG-FLOW2-B	Support with stop	2	141	-	9,55 €

*Subject to available stocks - Dimensions in mm

Conveyor wheel



GAL22



Zinc plated steel

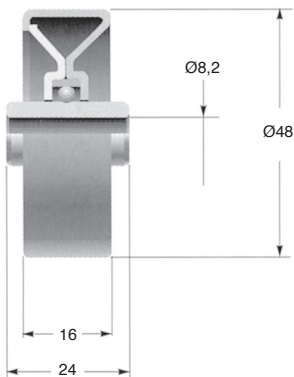
- **Load capacity:** 200N static, 200N dynamic
- Single row ball bearing
- **Materials:**
roller: zinc plated steel
bearings: steel balls on zinc plated steel hub
- **Maximum conveyor speed:** 0.3m/s
- **Working temp range:** -30°C à +40°C

Info.

- **Not sold individually, please contact us for details**

Advantages

- Smooth rotation
- Treated steel hub for long life expectancy.



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Static load (N)	Dynamic load (N)	Stock*	Price each 1 to 49
GAL22-01	200	200	✓	4.07 €

*Depending on availability - Dimensions in mm

Plastic



GAL21

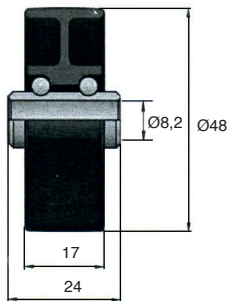
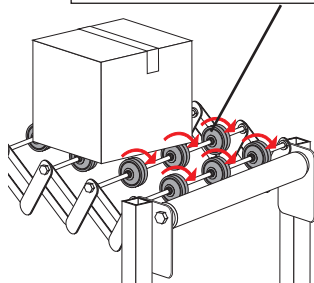
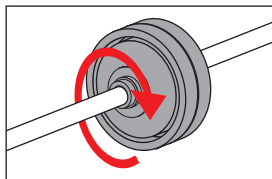
- **Load capacity:** 150N static, 150N dynamic
- Double row ball bearing
- Colour: black
- Materials:
roller: black polypropylene
bearings: steel balls on hub
- Maximum conveyor speed: 0.3m/s
- Working temp range: 0°C ÷ +40°C

Info.

- Not sold individually, please contact us for details

Advantages

- Shock resistant
- Low noise bearing



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Static load (N)	Dynamic load (N)	Weight (g)	Stock*	Price each 1 to 49
GAL21-64	150	150	27	✓	5,47 €

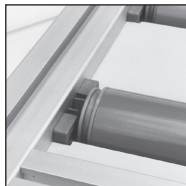
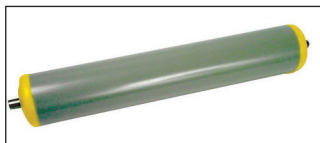
*Depending on availability - Dimensions in mm

Plastic free running conveyor roller



For gravity roller conveyors

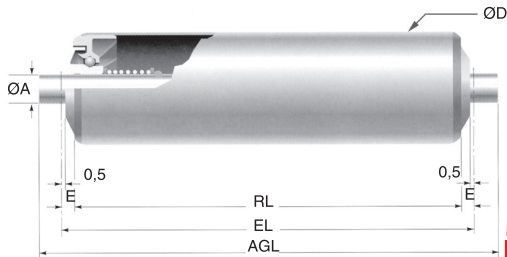
- Mounted on ball bearings
- Rounded edges facilitate side loading
- Low inertia due to low weight
- High quality bearings
- Integrated labyrinth seal prevents ingress of water and dust
- Spring loaded spindle
- Materials:
 - Roller: Grey shock resistant PVC
 - Cover: yellow
 - Spindle: bright steel



Assembly example with buffer PRF-BP (tome 5 p.366)

Info.

- If used continuously or for long periods, the maximum static load capacity should not be exceeded; this is approximately 50% of the load value given in the table below.
- Maximum conveying speed for Ø20mm rollers is 0.15 m/s.
- * Load capacity: dynamic load, surface load



DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-10%	On request

Part number	ØD roller	Roller thickness	ØA axle	RL	EL	AGL	E	Load capacity* (N)	Stock*	Price each 1 to 5
									✓	
RLX20-200	20	1,5	6	200	205	217	2,5	90	✓	14,07 €
RLX20-300	20	1,5	6	300	305	317	2,5	20	✓	15,18 €
RLX20-400	20	1,5	6	400	405	417	2,5	10	✓	16,75 €
RLX50-300	50	2,8	8	300	310	326	5,0	310	✓	22,18 €
RLX50-400	50	2,8	8	400	410	426	5,0	165	✓	20,28 €
RLX50-450	50	2,8	8	450	460	476	5,0	-	✓	21,35 €
RLX50-500	50	2,8	8	500	510	526	5,0	100	✓	24,41 €
RLX50-600	50	2,8	8	600	610	626	5,0	70	✓	26,71 €

*Depending on availability - Dimensions in mm

For gravity conveying systems



RLX/AC8

- Mounted on oiled conical steel bearings
- Moving individual loads
- Only for gravity applications
- Axle mounted on left side spring
- Materials:
 - Galvanised steel tube
 - Steel axle
 - Polypropylene roller housing
 - Polypropylene seals

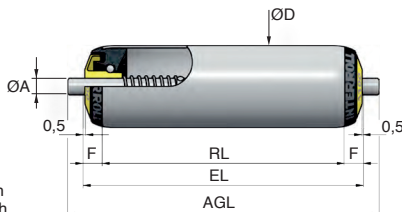


Uses

- Maximum conveyor speed: 0.3 m/s
- Working temp range: -5 to +40 °C

Advantages

- Gentle lateral movement of the product being transported
- Design includes protection of bearing against dust and liquids
- Dirt resistant



RL = Useful length
 EL = Installed length
 AGL = Overall length

DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-10%	On request

Part number	ØD roller	Tube thickness	ØA axle	RL	EL	AGL	F	Load capacity (N)	Stock*	Price each 1 to 5
RLX50-300/AC8	50	1,5	8	300	310	326	11	350	✓	20,52 €
RLX50-350/AC8	50	1,5	8	350	360	376	11	350	✓	24,27 €
RLX50-400/AC8	50	1,5	8	400	410	426	11	350	✓	25,86 €
RLX50-450/AC8	50	1,5	8	450	460	476	11	350	-	27,45 €
RLX50-500/AC8	50	1,5	8	500	510	526	11	350	-	28,86 €
RLX50-550/AC8	50	1,5	8	550	560	576	11	350	✓	30,50 €
RLX50-600/AC8	50	1,5	8	600	610	626	11	350	✓	32,21 €
RLX50-650/AC8	50	1,5	8	650	660	676	11	350	✓	33,87 €
RLX50-700/AC8	50	1,5	8	700	710	726	11	350	-	35,86 €
RLX50-750/AC8	50	1,5	8	750	760	776	11	350	✓	37,97 €

*Depending on availability - Dimensions in mm

Omni-directional roller

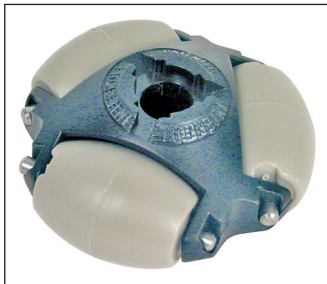


GAL48



Mounts on a Ø8mm axle

- Multiple rollers mounted on one axle work as a conventional roller with two possible directions of movement
- The "Snap in" function allows you to securely and quickly position two omni-directional rollers together, and guarantees an optimised assembly
- Corrosion-resistant
- Suitable for dusty environments
- No maintenance required
- Materials: technopolymer and stainless steel
- Maximum conveyor speed: 0.2m/s
- Working temp range: 0°C à +40°C



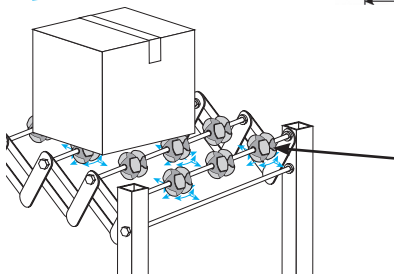
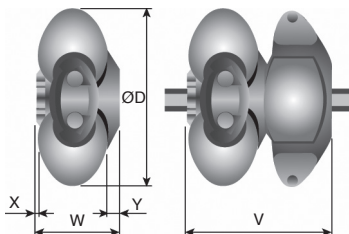
Uses

- Control posts
- Assembly or handling stations

Info.

- Not sold individually, please contact us for details

Allows the load to be moved in all directions



Typical application



DISCOUNTS

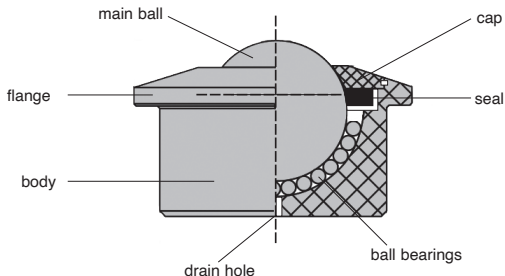
Qty	1+	50+	100+	300+
Disc.	List	-20%	-30%	On request

Part number	ØD	X	Y	W	V	Max load (N)	Stock	Price each 1 to 49
GAL48-OMNI	48	3	3	21,5	40	50	✓	14.06 €

*Depending on availability - Dimensions in mm

Load carrying ball transfer units

Introduction



Principle

Ball transfer units are multidirectional handling systems used in applications in many diverse industrial sectors in order to move heavy and bulky loads with reduced effort.

Their main applications are packaging lines, machines for machining, bending or stamping sheet metal or conveyors, but many other applications are possible.

The load-bearing balls consist of a metal or plastic body, in which is placed a main ball, supported by other smaller balls to eliminate friction.

Avantages

Stamped sheet metal ball transfer units are preferred for light load applications.

They allow good fluid movement of the load at a reasonable final cost.

Ball transfer units with machined housings are used for heavy loads or where there is the risk of collisions.

High profile ball transfer unit



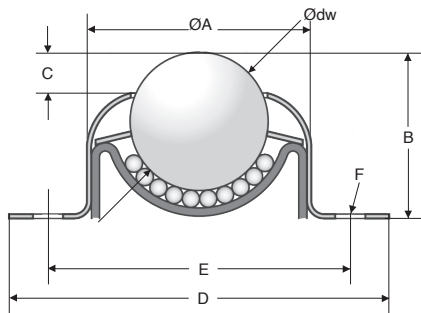
BPLF

For light loads

- **Pressed steel ball transfer unit with mounting plate**
- With 2 or 4 mounting holes for screws or rivets.
(The BPLF25-55-2F has 2 slots rather than 2 holes to accommodate different centre distances)
- For light loads
- Housing made from pressed steel
- With drainage hole and felt seal.
- Orientation: horizontal with ball upwards
- Max. speed: 1m/s
- Working temperature range: -20 to +70°C
- Materials:



BPL:galvanised steel body and steel balls
BPL/SS:stainless steel body and stainless steel balls



DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	Prix	-10%	-15%	-20%	On request

Part number	Ødw ball	ØA	B	C	D	E	F	Carrying capacity (kg)	Weight (kg)	Stock*	Price each 1 to 5
Steel body, steel balls											
BPLF25-45-2F	25,4	45,0	30,4	6,3	69 x 51	55,9 - 60,3	slot 2 x 5,5 x 7,7	55	0,155	✓	7,53 €
BPLF38-67-4	38,1	66,9	46,2	9,8	76,2 x 76,2	62,7 x 62,7	4 x Ø7,1	115	0,520	-	22,79 €
Stainless steel body / Stainless steel balls											
BPLF25-45-2F/SS	25,4	45,0	30,4	6,3	69 x 51	55,9 - 60,3	slot 2 x 5,5 x 7,7	55	0,151	✓	19,64 €

*Depending on availability - Dimensions in mm

- Pressed steel ball transfer unit
- With 2 fixing holes for screws or rivets
- For light loads
- Housing made from pressed sheet metal
- With drainage hole and felt seal.
- Orientation: horizontal with ball upwards
- Max. speed: 1m/s
- Working temperature range: -20 to +70°C
- Materials:

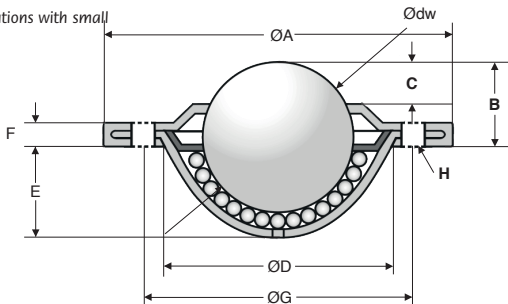


BPL:galvanised steel body and steel balls

BPL/SS: stainless steel body and steel balls
stainless steel 420

Advantages

- Ideal for small applications with small space requirements



DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	Net	-10%	-15%	-20%	On request

Part number	Ødw	ball ØA	B	C	ØD	E	F	ØG	ØH	Carrying capacity (kg)	Weight (g)	Price each 1 to 5	Stock*
													✓
Steel body, steel balls													
BPL15-41	15,0	41,0	10,8	5,0	24,0	8,5	3,2	30,0	2 x 3,4	15	0,045	✓	5,46 €
BPL19-61	19,0	61,0	10,0	3,2	29,1	12,0	3,2	44,5	2 x 5,1	25	0,090	✓	5,32 €
BPL25-73	25,4	73,0	14,2	6,3	37,2	15,8	3,5	55,6	2 x 5,1	55	0,170	✓	7,19 €
BPL25-56	25,0	56,0	14,6	7,8	36,0	15,4	3,3	45,0	2 x 4,0	60	0,125	✓	7,71 €
BPL32-73	32,0	73,7	16,2	8,0	45,5	19,9	4,2	58,7	2 x 5,1	125	0,269	✓	11,86 €
Stainless steel body / Stainless steel balls													
BPL19-61/SS	19,0	61,0	10,0	3,2	29,1	12,0	3,2	44,5	2 x 5,1	25	0,086	✓	13,41 €
BPL25-73/SS	25,4	73,0	14,2	6,3	37,2	15,8	3,5	55,6	2 x 5,1	55	0,172	-	19,41 €
BPL32-73/SS	32,0	73,7	16,2	8,0	45,5	19,9	4,2	58,7	2 x 5,1	125	0,256	✓	26,70 €

* Depending on availability - Dimensions in mm

Flange mounting ball transfer unit Stock

BPPE

Plastic

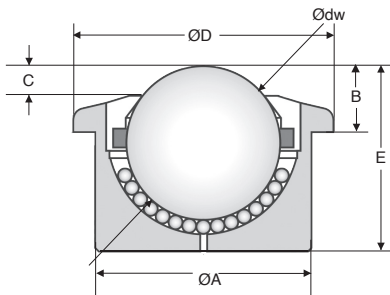
- **Plastic ball mounting ball transfer unit**
- Push fit for rapid installation & replacement where only single-sided access to the mounting surface is available
- Clips compensate for irregularities in seat bore diameter
- Max. speed: 1m/s
- Working temperature range: -20 to +70°C
- Materials:
Acetal body and balls (POM)

Advantages

- Resists salt water and chemical attacks
- Non-conductive and non-magnetic
- Suitable for antimicrobial applications
- For use in chemical, pharmaceutical and medical applications

Accessory

- BPHFC_{CLIP}, clip for ball transfer unit (tome 5 p.43)



DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	Net	-10%	-15%	-20%	On request

Part number	Ødw ball	ØA	B	C	ØD	E	Carrying capacity (kg)	Weight (g)	Stock*	Price each
										1 to 5
BPPE15-24/PP	15	24	8,0	4,8	30	20,0	7	0,010	✓	24,08 €
BPPE22-36/PP	22	36	9,8	4,5	45	30,5	10	0,035	✓	36,11 €
BPPE30-45/PP	30	45	13,8	5,8	55	37,0	15	0,065	✓	43,00 €
BPPE45-62/PP	45	62	19,0	8,5	75	53,5	20	0,182	-	95,27 €

*Depending on availability. All dimensions in mm.

- **Pressed steel ball transfer unit**
- Push fit for rapid installation & replacement where only single-sided access to the mounting surface is available
- For light loads
- Housing made from pressed steel
- Orientation: horizontal with ball upwards
- Max. speed: 1m/s
- Working temperature range: -20 to +70°C
- Materials:

BPL : galvanized steel body and steel balls

BPL/SS : stainless steel body and steel balls

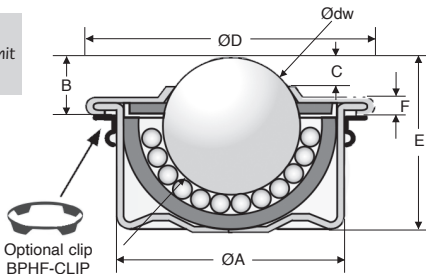


Advantages

- Optional clips compensate for irregularities in seat bore diameter

Accessory

- BPHFC_{CLIP}, clip for ball transfer unit (tome 5 p.49)



DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	Net	-10%	-15%	-20%	On request

Part number	Ødw ball	ØA	B	C	ØD	E	F	Carrying capacity (kg)	Weight (g)	Stock*	Price each
											1 to 5
Steel body, steel balls											
BPLE15-24	15	24	9,5	4,6	31	21,0	2,8	60	0,041	✓	4,69 €
BPLE22-36	22	36	9,8	3,9	45	29,5	2,9	160	0,128	✓	8,62 €
BPLE30-45	30	45	13,8	6,8	55	37,0	3,6	280	0,253	✓	13,01 €
BPLE45-62	45	62	19,0	9,0	75	53,5	4,0	600	0,720	-	63,08 €
Stainless steel body, stainless steel balls											
BPLE15-24/SS	15	24	9,5	4,6	31	21,0	2,8	40	0,039	✓	14,49 €
BPLE22-36/SS	22	36	9,8	3,9	45	29,5	2,9	90	0,125	✓	25,12 €
BPLE30-45/SS	30	45	13,8	6,8	55	37,0	3,6	200	0,271	✓	56,09 €
BPLE45-62/SS	45	62	19,0	9,0	75	53,5	4,0	260	0,710	-	152,24 €

All dimensions in mm. *Depending on availability

Flush fitting ball transfer unit with flange

Stock

BPHF

For heavy loads

- Carrying ball for handling solid body
- For heavy loads
- Machined bodies and covers
- Lubricated for life
- Orientation: horizontal with ball upwards
- Unique drainage hole
- Max. speed: 1.5m/s
- Working temperature range: -30 to +100°C
- Materials:

BPHF:galvanised steel body and chromed steel ball

BPHF/AS:galvanised steel body and 420 stainless steel balls

BPHF-SS:body, components and balls- 420 stainless steels

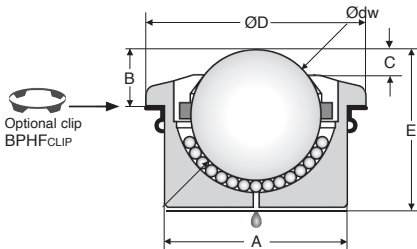


Advantages

- Good resistance to shocks
- Optional clips compensate for irregularities in seat bore diameter

Accessory

- BPHF_{CLIP}, clip for ball transfer unit (tome 5 p.49)



DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	Net	-10%	-15%	-20%	On request

Part number	Ødw ball	ØA	B	C	ØD	E	Carrying capacity (kg)	Weight (g)	Stock*	Price each 1 to 5
Steel body, steel balls										
BPHF15-24	15	24	9,5	4,0	31	21,0	60	0,059	✓	6,34 €
BPHF22-36	22	36	9,8	3,8	45	30,5	180	0,189	✓	12,38 €
BPHF30-45	30	45	13,8	5,8	55	36,8	350	0,360	✓	19,60 €
BPHF45-62	45	62	19,0	9,0	75	53,5	600	1,010	✓	63,42 €
Steel body, stainless steel balls										
BPHF15-24/AS	15	24	9,5	4,0	31	21,0	50	0,059	✓	7,91 €
BPHF22-36/AS	22	36	9,8	3,8	45	30,5	180	0,188	✓	13,72 €
BPHF30-45/AS	30	45	13,8	5,8	55	36,8	350	0,357	✓	24,04 €
BPHF45-62/AS	45	62	19,0	9,0	75	53,5	600	1,000	-	83,48 €
Stainless steel body, stainless steel balls										
BPHF15-24/SS	15	24	9,5	4,0	31	21,0	40	0,058	✓	21,62 €
BPHF22-36/SS	22	36	9,8	3,8	45	30,5	126	0,188	✓	70,28 €
BPHF30-45/SS	30	45	13,8	5,8	55	36,8	220	0,357	✓	68,69 €
BPHF45-62/SS	45	62	19,0	9,0	75	53,5	350	1,020	-	169,05 €

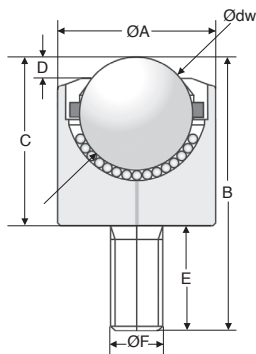
All dimensions in mm. *Depending on availability

- **Ball transfer unit with solid body**
- For heavy loads
- Machined bodies and covers
- Lubricated for life
- Orientation: horizontal with ball upwards
- Unique drainage hole
- Max. speed: 1.5m/s
- Working temperature range: -30 to +100°C
- Materials:
 - BPHT:**galvanised steel body and chromed steel balls
 - BPHT/AS:**galvanised steel body and 420 stainless steel balls



Advantages

- Good resistance to shocks



DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	Net	-10%	-15%	-20%	On request

Part number	Ødw ball	ØA	B	C	D	E	ØF	Carrying capacity (kg)	Weight (kg)	Stock*	Price each 1 to 5
Steel body, steel balls											
BPHT15-25	15	25	46	26,0	5	20,0	M8x1,25	60	0,083	✓	14,54 €
BPHT22-36	22	36	62,9	37,5	4,5	25,4	M12 x 1,75	180	0,256	✓	22,73 €
BPHT30-45	30	45	69,2	43,8	6,5	25,4	M12 x 1,75	350	0,440	✓	29,05 €
BPHT45-62	45	62	107,3	66,0	8,5	41,3	M20 x 2,5	600	1,360	-	105,24 €
Steel body, stainless steel balls											
BPHT15-25/AS	15	25	46	26,0	5	20,0	M8x1,25	50	0,083	✓	15,31 €
BPHT22-36/AS	22	36	62,9	37,5	4,5	25,4	M12 x 1,75	180	0,256	✓	24,04 €
BPHT30-45/AS	30	45	69,2	43,8	6,5	25,4	M12 x 1,75	350	0,430	✓	31,69 €
BPHT45-62/AS	45	62	107,3	66,0	8,5	41,3	M20 x 2,5	600	1,350	-	128,01 €

All dimensions in mm. *Depending on availability

Cylindrical flush fitting ball transfer unit

BPH

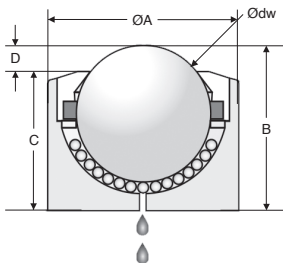
For heavy loads

- Flush fitting ball transfer unit with flange
- For heavy loads
- Carrying ball for handling solid body
- Machined bodies and covers
- Lubricated for life
- Orientation: horizontal with ball upwards
- Unique drainage hole
- Max. speed: 1.5m/s
- Working temperature range: -30 to +100°C
- Materials:
 - BPH:** galvanised steel body and chromed steel ball
 - BPH/AS:** galvanised steel body and 420 stainless steel balls



Advantages

- Good resistance to shocks



DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	Net	-10%	-15%	-20%	On request

Part number	Ødw ball	ØA	B	C	D	Carrying capacity (kg)	Weight (g)	Price each 1 to 5
Steel body, steel balls								
BPH15-24	15	24	20,0	15,0	5,0	60	0,049	9,49 €
BPH22-36	22	36	30,5	26,0	4,5	180	0,177	12,39 €
BPH30-45	30	45	36,8	30,3	6,5	350	0,335	18,50 €
BPH45-62	45	62	53,5	45,0	8,5	600	0,940	55,47 €
Steel body, stainless steel balls								
BPH15-24/AS	15	24	20,0	15,0	5,0	50	0,048	11,59 €
BPH22-36/AS	22	36	30,5	26,0	4,5	180	0,178	14,80 €
BPH30-45/AS	30	45	36,8	30,3	6,5	350	0,338	21,37 €
BPH45-62/AS	45	62	53,5	45,0	8,5	600	0,970	81,88 €

All dimensions in mm



Spring loaded ball transfer unit

For heavy loads

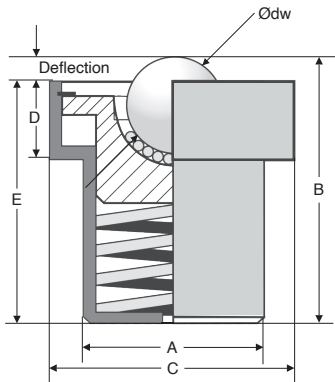
BPHRF

- **Ball transfer unit with solid body**
- For heavy loads
- Machined bodies and covers
- Lubricated for life
- Orientation: horizontal with ball upwards
- Unique drainage hole
- Max. speed: 1.5m/s
- Working temperature range: -30 to +100°C
- Materials:
Galvanised steel body and chromed steel balls



Advantages

- Good resistance to shocks



DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	Net	-10%	-15%	-20%	On request

Part number	Ødw ball	ØA	B	ØC	D	E	Carrying capacity (kg)	Deflection	Load at max deflection	Price each
										1 to 5
BPHRF22-39	22	39,0	58,0	50	14,0	53,5	70	4,5	90	90,20 €
BPHRF30-48	30	48,5	70,0	62	17,5	63,0	135	7,0	170	142,18 €
BPHRF45-66	45	66,5	100,5	85	25,5	90,0	230	10,5	290	185,91 €

All dimensions in mm

Spring loaded ball transfer unit



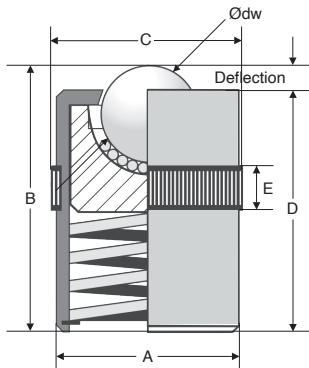
BPHR

For heavy loads

- **Ball transfer unit with solid body**
- For heavy loads
- Machined bodies and covers
- Lubricated for life
- Orientation: horizontal with ball upwards
- Unique drainage hole
- Max. speed: 1.5m/s
- Working temperature range: -30 to +100°C
- Materials:
Galvanised steel body and chromed steel balls

Advantages

- Good resistance to shocks



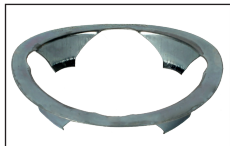
DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	Net	-10%	-15%	-20%	On request

Part number	Ødw ball	ØA	B	ØC	D	E	Carrying capacity (kg)	Deflection	Load at max deflection	Price each
									(kg)	1 to 5
BPHR12-24	12,7	23,9	30	24,5	28,5	10,5	40	1,5	90	70,96 €
BPHR16-30	15,8	29,9	36	30,5	34,5	10,5	60	1,5	110	101,66 €
BPHR25-40	25,4	39,8	48	40,5	46,5	10,5	100	1,5	175	127,23 €
BPHR30-50	30,0	49,9	60	50,5	58,5	12,3	335	1,5	585	258,29 €

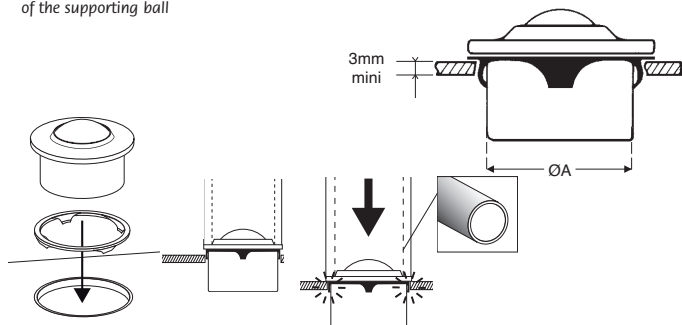
All dimensions in mm

- Mounting clip for barrel shaped ball transfer units
- Compensates for irregularities in size and diameter
- Ideal for where there is only access to one side of the mounting surface
- When using mounting clips, the diameter and height will change. For effective retention, a plate thickness of at least 3 mm is required



Mounting

- 1 Install the clip in the bore
- 2 Push the ball unit through the clip
- 3 The external tabs extend and grip the shaft of the supporting ball



Typical application

DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	Net	-10%	-15%	-20%	On request

Part number	ØA	Ø Bore min/max	Additional height	For ball unit	Stock*	Price each 1 to 5
Steel clip						
BPHF15-CLIP	24	25,0 - 25,5	+0,3	BPHF15 - BPLE15 - BPPE15	✓	1,81 €
BPHF22-CLIP	36	37,0 - 37,5	+0,3	BPHF22 - BPLE22 - BPPE22	✓	2,15 €
BPHF30-CLIP	45	46,0 - 46,5	+0,3	BPHF30 - BPLE30 - BPPE30	✓	2,21 €
BPHF45-CLIP	62	63,0 - 63,5	+0,3	BPHF45 - BPLE45 - BPPE45	-	2,55 €
Stainless steel fixing clip						
BPHF15-CLIP/SS	24	25,0 - 25,5	+0,3	BPHF15 - BPLE15 - BPPE15	-	2,25 €
BPHF22-CLIP/SS	36	37,0 - 37,5	+0,3	BPHF22 - BPLE22 - BPPE22	-	2,60 €
BPHF30-CLIP/SS	45	46,0 - 46,5	+0,3	BPHF30 - BPLE30 - BPPE30	-	3,47 €

*Depending on availability - Dimensions in mm

BPVM

Fluid displacement

- **Ball caster for positioning and aligning parts**
- The ball rolls durably on the sliding bearing
- The surface of the part is preserved
- Working temperature: -50°C to +90°C
- The load capacity decreases linearly at temperatures > 20°C.
(Example: at 90°C, the load capacity is 60% max.)
- Materials:
Burnished steel screw and steel ball bearing
Plain bearing: polyurethane

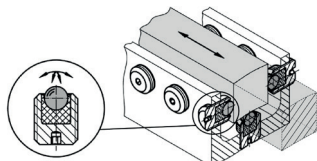
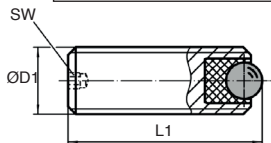


Applications

- Enables low-friction guidance
- ⚠ **Not suitable for indexing!**

Advantage

- Adjusting the position of the carrier ball from the rear.



Typical application

DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc. Price	-10%	-15%	-20%	On request	

Part number	ØD1	L1	Ball		Max. tightening torque (Nm)	Max load capacity for static use (N)	Weight (g)	Price each 1 to 5
			ØD	SW				
BPVM6-8	M6	8	2,5	1,5	0,1	172	1	14,87 €
BPVM6-16	M6	16	2,5	1,5	0,1	172	3	14,87 €
BPVM8-10	M8	10	3,5	1,5	0,3	336	3	14,96 €
BPVM8-20	M8	20	3,5	1,5	0,3	336	7	14,96 €
BPVM10-12	M10	12	4,5	2,0	0,6	556	5	15,08 €
BPVM10-25	M10	25	4,5	2,0	0,6	556	13	15,08 €
BPVM12-16	M12	16	6,5	2,5	1,4	1161	10	16,59 €
BPVM12-35	M12	35	6,5	2,5	1,4	1161	27	16,59 €
BPVM16-20	M16	20	8,5	3,0	3,2	1986	24	18,91 €
BPVM16-50	M16	50	8,5	3,0	3,2	1986	71	18,91 €

Dimensions in mm

- **Ball caster for positioning and orienting parts**
- The ball rolls durably on the sliding bearing
- The surface of the part is preserved
- Working temperature: -50°C to +90°C
- The load capacity decreases linearly at temperatures > 20°C..
(Example: at 90°C, the load capacity is 60% max.)

- Materials:

Screw stainless steel 303 hardened stainless steel ball

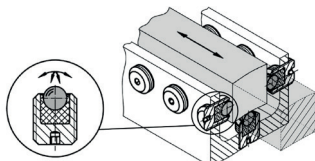
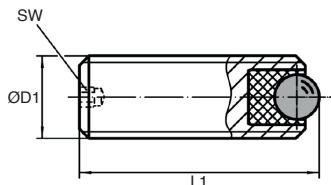
Plain bearing: polyurethane

Applications

- Enables low-friction guidance
- ⚠ **Not suitable for indexing!**

Advantage

- Adjusting the position of the carrier ball from the rear.



Typical application

DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	Price -10%	-15%	-20%		On request

Part number	ØD1	L1	Ball		Max. tightening torque (Nm)	Max load capacity for static use (N)	Weight (g)	Price each 1 to 5
			ØD	SW				
BPVM6-8/SS	M6	8	2,5	1,5	0,1	172	1	20,85 €
BPVM6-16/SS	M6	16	2,5	1,5	0,1	172	3	20,85 €
BPVM8-10/SS	M8	10	3,5	1,5	0,3	336	3	20,98 €
BPVM8-20/SS	M8	20	3,5	1,5	0,3	336	7	20,98 €
BPVM10-12/SS	M10	12	4,5	2,0	0,6	556	5	21,12 €
BPVM10-25/SS	M10	25	4,5	2,0	0,6	556	13	21,12 €
BPVM12-16/SS	M12	16	6,5	2,5	1,4	1161	10	22,07 €
BPVM12-35/SS	M12	35	6,5	2,5	1,4	1161	27	22,07 €
BPVM16-20/SS	M16	20	8,5	3,0	3,2	1986	24	26,49 €
BPVM16-50/SS	M16	50	8,5	3,0	3,2	1986	71	26,49 €

Dimensions in mm

BPPL

For countersinking

- **Plain bearing ball caster**
- Maintenance free
- Working temperature: -50°C to +90°C
- The load capacity decreases linearly at temperatures > 20°C.
(Example: at 90°C, the load capacity is 60% max.)
- Materials:
 - Case: Stainless steel
 - Plan bearing: polyurethane
 - Ball: Hardened stainless steel



Advantage

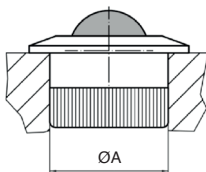
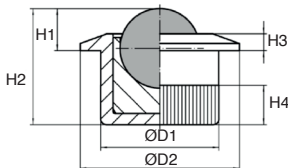
- The knurled outside allows easy fitting into the holes of additional preparation.

Assembly

- Fastening is done by pushing the carrier ball with knurled outside
- The carrier balls can be fitted with **BPPL/TOOL** mounting tools.

Application

- Transport, conveyor, workstation and packaging systems.



Mounting tool

DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc. Price	-10%	-15%	-20%	On request	

Part number	Ball		H1	H2	H3	H4	ØA (H7) Hole	Load capacity (kg)	Weight (g)	Price each 1 to 5	
	ØD	ØD1									ØD2
BPPL6-10	6,5	10,0	13	3,2	11,2	1,2	4,2	10,0	116	4	13,69 €
BPPL8-12	8,5	12,6	17	4,5	12,4	1,8	4,2	12,6	198	8	14,87 €

Mounting tool

BPPL6-10/TOOL	For carrier ball BPPL6-10	118	29,82 €
BPPL8-12/TOOL	For carrier ball BPPL8-12	125	29,82 €

Dimensions in mm

Load carrying ball transfer units

Technical information

	Max load (kg)	% load friction	Speed (m/sec)	Load shocks	Difficult conditions	Orientation	Omnidirectional
Range BPHR	335	2	1,5	✓✓✓✓✓			✓✓✓
Range BPH	600	2	1,5	✓✓✓✓	Options 'SS'		✓✓✓
Range BPL	600	3	1	✓✓✓	Options 'SS'		✓✓✓
Range BPPE	20	3	1	✓			✓✓✓

Load

The weight of the article to be moved should be divided by 3, this gives the maximum weight that any single ball will carry. If a greater positioning accuracy is required then this coefficient of 3 can be increased. The condition and surface hardness of the article to be moved should also be taken into account to avoid being marked by the balls.

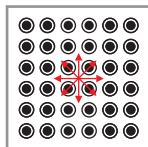
$$\text{Load C} > \frac{\text{load weight}}{3}$$

Spacing of ball transfer units

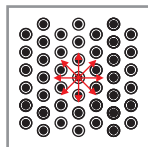
The pitch of the ball transfer units is determined by dividing the shortest dimension of the article to be moved by 3.5. This ensures that at least 3 ball transfer units will be in contact with article along its shortest dimension at any time.

$$\text{Spacing} = \frac{\text{shortest dimension}}{3,5}$$

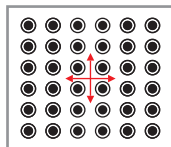
Direction of movements



square pitch



Diamond



Elongated pitch spacing

Buying guide













Wheel and castors



Part number	RPC	RBG	RBN	RUR	RHT
Type	Polyamide wheel	Rubber wheel	Rubber wheel	Free running wheel	High temperature wheel
Bore	smooth	smooth	smooth	bearing	smooth
Wheel material	polyamide	grey rubber 85Sh	grey rubber 85Sh	grey rubber 85Sh	Phenolic resin
Core material	polyamide	propylene	propylene	aluminium	Phenolic resin
Wheel diameter	Ø60 → Ø200	Ø50 → Ø125	Ø80 → Ø200	Ø80 → Ø150	Ø80 → Ø125
Brackets	-	-	-	-	-
Absorbs vibrations	✗	✓	✓	✓	✗
Max load	600 kg	110 kg	215 kg	350 kg	200 kg
Quality index	☆☆☆	☆☆	☆☆☆	☆☆☆	☆☆☆
Price	€	€	€	€€	€€
Pages	5 p.51	5 p.56	5 p.59	5 p.62	5 p.65



Part number	RIM	RIM	PRFRoul	TPE	RESC
Type	Locking castor	Locking castor	castor for alu profile	castor for alu profile	castor with lifting foot
Plate fitting	plate	central hole	rod	plate	plate
Wheel material	polyamide shore D70	polyamide shore D70	polyamide	polypropylene	polyurethane
Brackets material	Die-cast aluminium	Die-cast aluminium	polyamide	steel	Die-cast aluminium
Wheel diameter	Ø42 → Ø75	Ø42 → Ø75	Ø50	Ø80 → Ø125	Ø80 → Ø100
Brackets	-	-	swivel, swivel + brake	fixed, swivel + brake	swivel, retractable
Absorbs vibrations	✗	✗	✗	✗	✓
Max load	1000 kg	1000 kg	30 kg	1200 kg	200 kg
Quality index	☆☆☆	☆☆☆	☆	☆☆☆	☆☆☆☆
Price	€€	€€	€	€€	€€€
Pages	5 p.70	5 p.70	5 p.344	5 p.346	5 p.69

						
Part number	RPC	RPC	RPCss	RPCss	RBG	RBG
Type	Polyamide castor	Polyamide castor	Polyamide castor	Polyamide castor	Rubber castor	Rubber castor
Plate fitting	plate	central hole	plate	central hole	plate	central hole
Wheel material	polyamide	polyamide	polyamide	polyamide	grey rubber 85Sh	grey rubber 85Sh
Bracket material	steel	steel	stainless steel	stainless steel	steel	steel
Wheel diameter	Ø60 → Ø200	Ø60 → Ø200	Ø60 → Ø200	Ø60 → Ø200	Ø50 → Ø125	Ø50 → Ø125
Brackets	fixed, swivel, double lock swivel	swivel, double lock swivel	fixed, swivel, double lock swivel	swivel, double lock swivel	fixed, swivel, double lock swivel	swivel, double lock swivel
Absorbs vibrations	✗	✗	✗	✗	✓	✓
Max load	600 kg	600 kg	600 kg	600 kg	110 kg	110 kg
Quality index	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆	☆☆
Price	€	€	€€	€€	€	€
Pages	5 p.52	5 p.53	5 p.54	5 p.55	5 p.57	5 p.58
						
Part number	RBN	RBN	RUR	RUR	RHT	RHT
Type	Rubber castor	Rubber castor	Free running wheel	Free running wheel	High temperature castor	High temperature castor
Plate fitting	plate	central hole	plate	central hole	plate	central hole
Wheel material	black rubber 85Sh	black rubber 85Sh	polyurethane 85Sh	polyurethane 85Sh	phenolic resin	phenolic resin
Brackets material	steel	steel	steel	steel	stainless steel	stainless steel
Wheel diameter	Ø80 → Ø200	Ø80 → Ø200	Ø80 → Ø150	Ø80 → Ø150	Ø80 → Ø125	Ø80 → Ø125
Brackets	fixed, swivel, double lock swivel	swivel, double lock swivel	fixed, swivel, double lock swivel	swivel, double lock swivel	fixed, swivel, double lock swivel	swivel, double lock swivel
Absorbs vibrations	✓	✓	✓	✓	✗	✗
Max load	215 kg	215 kg	350 kg	350 kg	200 kg	200 kg
Quality index	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆
Price	€	€	€€	€€	€€	€€
Pages	5 p.60	5 p.61	5 p.63	5 p.64	5 p.66	5 p.67

Wheels and castors

Introduction and general information



Choice of wheel based on floor material

Good 😊

Acceptable 😐

Not recommended 😞

	Gres	Carpet	Parquet floor	Concrete	Asphalt	Metal shavings
Polyamide 6	😐	😊	😞	😊	😞	😞
Rubber	😊	😐	😊	😊	😞	😞
Polyurethane	😊	😊	😞	😊	😊	😞

- A castor comprises a wheel and a support bracket.

- The choice of material for the wheel depends on the surface on which it will be used and the general environment. The shape of the support depends on the type of movement required. The greater the wheel diameter, the easier the movement will be.

- The castors offered by HPC have a smooth hub, which makes them suitable for a very wide range of applications; typically moving medium loads at low speed over short distances. The castor rotates directly on an axis. In order to facilitate rotation and increase the service life, it will be necessary to lubricate the shaft regularly. On request, castors can also be supplied with bearings (minimum quantity applies).

Wheel materials

- **Rubber:**

- Medium load capacity
- Absorbs vibration, shock and noise
- Does not damage the running surface
- Medium rolling resistance

- **Polyamide 6 :**

- High load capacity
- Good impact resistance
- Does not absorb vibrations
- Low rolling resistance, requires more effort at start

- **Polyurethane :**

- High load capacity
- Ease of movement
- Silent
- Resists absorption and many chemical agents

$$\text{Max load} = \frac{P+M}{N^{\circ} \text{ of castors}} \times S$$

P = Weight of trolley

M = Max weight to be moved

S = Factor of Safety

(Normally between 1.3 and 2)

- Light coloured Polyamide wheel
- Smooth central bore
- Working temperature range: -30°C to +80°C

Advantages

- Shock and abrasion resistant
- Does not stain floors
- Does not mark floors
- Resists most chemical agents
- Low rolling resistance
- For solid and hard floors
- Ideal for use in wet and dirty environments (fish markets, butcher shops, canneries)



For smooth surfaces



ØD



B



C



ØA

DISCOUNTS

Qty	1+	10+	30+
Disc.	List	-5%	On request

Part number	ØD	B	C	ØA	Maximum load (kg)	Stock*	Price each 1 to 9
RPC60-31/ML	60	31	40	12	200	✓	2,50 €
RPC80-32/ML	80	32	40	12	250	✓	2,72 €
RPC100-32/ML	100	32	40	12	300	✓	3,77 €
RPC100-35/ML	100	35	48	15	350	-	11,29 €
RPC125-36/ML	125	36	50	15	350	-	6,88 €
RPC125-41/ML	125	41	59	20	400	-	13,27 €
RPC150-37/ML	150	37	49	15	400	-	9,96 €
RPC160-40/ML	160	40	58	20	500	-	27,31 €
RPC200-50/ML	200	50	58	20	600	-	29,65 €

*Depending on availability -Dimensions in mm

Polyamide castor with mounting plate Stock

RPCPL For heavy loads up to 600kg

- Industrial wheel suitable for loads up to 600kg
- Swivel system uses two ball races
- Swivel castor with double locks: simple to lock/unlock using foot operated pedal
- Smooth central bore
- Materials:
Top plate: pressed steel sheet, protected by bright zinc plating
Polyamide wheel **RPC (tome 5 p.51)**
- Working temperature range: - 30°C to + 80°C



Fixed



Swivel



Swivel with double brake

Advantages

- Light
- Will not mark or stain floor
- Low rolling resistance
- For solid, hard floors



ØD



B



H



L



M



ØT



ØK

DISCOUNTS

Qty	1+	10+	30+
Disc.	List	-5%	On request

Part number	ØD	B	H	L	M	ØT	Swivel interference ØK	Max. load (kg)	Stock*	Price each 1 to 9
Fixed										
RPC60/PL/F	60	30	100	110x85	80x60	8	-	200	-	8,25 €
RPC80/PL/F	80	32	109	110x85	80x60	8	-	250	✓	8,06 €
RPC100/PL/F	100	32	126	110x85	80x60	8	-	300	✓	8,34 €
RPC125/PL/F	125	36	154	110x85	80x60	8	-	350	-	13,47 €
RPC150/PL/F	150	37	182	110x85	80x60	8	-	400	-	18,38 €
RPC160/PL/F	160	40	196	135x110	105x80	11	-	500	-	32,06 €
RPC200/PL/F	200	50	241	135x110	105x80	11	-	600	-	37,99 €
Swivel										
RPC60/PL/P	60	30	100	110x85	80x60	8	140	200	-	11,43 €
RPC80/PL/P	80	32	109	110x85	80x60	8	160	250	✓	9,48 €
RPC100/PL/P	100	32	126	110x85	80x60	8	184	300	✓	9,72 €
RPC125/PL/P	125	36	154	110x85	80x60	8	210	350	-	14,45 €
RPC150/PL/P	150	37	182	110x85	80x60	8	246	400	-	23,01 €
RPC160/PL/P	160	40	196	135x110	105x80	11	268	500	-	35,54 €
RPC200/PL/P	200	50	241	135x110	105x80	11	318	600	-	40,63 €
Swivel with double brake										
RPC80/PL/PDB	80	32	109	110x85	80x60	8	290	250	✓	12,49 €
RPC100/PL/PDB	100	32	126	110x85	80x60	8	290	300	✓	13,41 €
RPC125/PL/PDB	125	36	154	110x85	80x60	8	290	350	✓	18,60 €
RPC150/PL/PDB	150	37	182	110x85	80x60	8	290	400	-	27,97 €
RPC160/PL/PDB	160	40	196	135x110	105x80	11	268	500	-	39,76 €
RPC200/PL/PDB	200	50	241	135x110	105x80	11	318	600	-	45,49 €

*Depending on availability - Dimensions in mm

For heavy loads up to 600kg

RPCTC

- Industrial wheel suitable for loads up to 600kg
- Swivel system uses two ball races
- Swivel castor with double locks:
simple to lock/unlock using foot operated pedal
- Smooth central bore
- Materials:
Top plate: pressed steel sheet, protected
by bright zinc plating
Polyamide wheel **RPC (tome 5 p.51)**
- Working temperature range: - 30°C to + 80°C



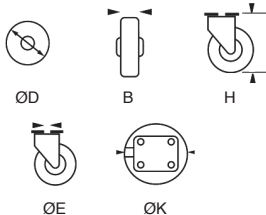
Swivel



Swivel with double brake

Advantages

- Light
- Will not mark or stain floor
- Low rolling resistance
- For solid, hard floors



DISCOUNTS

Qty	1+	10+	30+
Disc.	List	-5%	On request

Part number	ØD	B	H	ØE	Swivel interference ØK	Max load (kg)	Stock*	Price each 1 to 9
Swivel								
RPC60/TC/P	60	30	97	12	140	200	-	11,12 €
RPC80/TC/P	80	32	106	12	160	250	✓	12,04 €
RPC100/TC/P	100	32	124	12	184	300	✓	12,96 €
RPC125/TC/P	125	36	152	12	210	350	-	17,57 €
RPC150/TC/P	150	37	181	12	246	400	-	24,69 €
RPC160/TC/P	160	40	189	12,5	268	500	-	49,94 €
RPC200/TC/P	200	50	232	12,5	318	600	-	57,40 €
Swivel with double brake								
RPC80/TC/PDB	80	32	106	12	290	250	✓	17,79 €
RPC100/TC/PDB	100	32	124	12	290	300	✓	18,67 €
RPC125/TC/PDB	125	36	152	12	290	350	-	23,74 €
RPC150/TC/PDB	150	37	181	12	290	400	-	31,19 €
RPC160/TC/PDB	160	40	189	12,5	268	500	-	62,99 €
RPC200/TC/PDB	200	50	232	12,5	318	600	-	65,35 €

*Depending on availability - Dimensions in mm

RPCPLSS

For heavy loads up to 600kg

- Industrial wheel suitable for loads up to 600kg
- Swivel system uses two ball races
- Swivel castor with double locks: simple to lock/unlock using foot operated pedal
- Smooth central bore
- Materials:
 - Top plate: pressed stainless steel sheet
 - Polyamide wheel **RPC (tome 5 p.51)**
- Working temperature range: - 30°C to + 80°C



Fixed

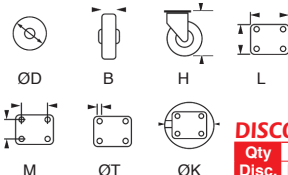


Swivel

Stainless steel

Advantages

- Light
- Will not mark or stain floor
- Low rolling resistance
- For solid, hard floors
- Ideal for use in wet and dirty environments (fish markets, butcher shops, canneries)



Swivel with double brake

DISCOUNTS

Qty	1+	5+	15+
Disc.	List	-5%	On request

Part number	ØD	B	H	L	M	ØT	Swivel interference ØK	Max load (kg)	Stock*	Price each 1 to 4
Fixed										
RPC60/PL/F/SS	60	31	96	115x83	80x60	11x9	-	200	-	20,52 €
RPC80/PL/F/SS	80	32	105	115x83	80x60	11x9	-	250	✓	21,50 €
RPC100/PL/F/SS	100	32	124	115x83	80x60	11x9	-	300	✓	22,00 €
RPC125/PL/F/SS	125	36	152	115x83	80x60	11x9	-	350	-	29,35 €
RPC150/PL/F/SS	150	37	179	115x83	80x60	11x9	-	400	-	57,46 €
RPC160/PL/F/SS	160	40	197	135x105	105x80	11	-	600	-	79,45 €
RPC200/PL/F/SS	200	50	240	135x105	105x80	11	-	700	-	84,60 €
Swivel										
RPC60/PL/P/SS	60	31	96	115x83	80x60	11x9	155	200	-	30,61 €
RPC80/PL/P/SS	80	32	105	115x83	80x60	11x9	173	250	✓	30,54 €
RPC100/PL/P/SS	100	32	124	115x83	80x60	11x9	193	300	✓	32,77 €
RPC125/PL/P/SS	125	36	152	115x83	80x60	11x9	221	350	-	38,23 €
RPC150/PL/P/SS	150	37	179	115x83	80x60	11x9	257	400	-	77,85 €
RPC160/PL/P/SS	160	40	197	135x105	105x80	11	268	600	-	89,60 €
RPC200/PL/P/SS	200	50	240	135x105	105x80	11	318	700	-	96,15 €
Swivel with double brake										
RPC80/PL/PDB/SS	80	32	105	115x83	80x60	11x9	293	250	✓	39,86 €
RPC100/PL/PDB/SS	100	32	124	115x83	80x60	11x9	293	300	✓	42,01 €
RPC125/PL/PDB/SS	125	36	152	115x83	80x60	11x9	293	350	-	49,28 €
RPC150/PL/PDB/SS	150	37	179	115x83	80x60	11x9	293	400	-	100,19 €
RPC160/PL/PDB/SS	160	40	197	135x105	105x80	11	268	600	-	108,90 €
RPC200/PL/PDB/SS	200	50	240	135x105	105x80	11	318	700	-	121,62 €

*Depending on availability - Dimensions in mm

Polyamide castor with central hole, **stainless steel**

RPC TCSS

For heavy loads up to 600kg

- **Industrial wheel suitable for loads up to 600kg**
- Swivel system uses two ball races
- Swivel castor with double locks:
simple to lock/unlock using foot operated pedal
- Smooth central bore
- Materials:
Top plate: pressed stainless steel sheet
Polyamide wheel **RPC (tome 5 p.51)**
- Working temperature range: - 30°C to + 80°C



Swivel

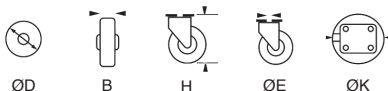


Swivel with double brake

Advantages

- Light
- Will not mark or stain floor
- Low rolling resistance
- For solid, hard floors
- Ideal for use in wet and dirty environments
(fish markets, butcher shops, canneries)

Stainless steel



DISCOUNTS

Qty	1+	5+	15+
Disc. List	-5%	On request	

Part number	ØD	B	H	ØE	Swivel interference ØK	Max load (kg)	Price each 1 to 4
Swivel							
RPC60/TC/P/SS	60	31	96	12	155	200	29,15 €
RPC80/TC/P/SS	80	32	109	12	173	250	30,54 €
RPC100/TC/P/SS	100	32	124	12	193	300	31,21 €
RPC125/TC/P/SS	125	36	152	12	221	350	38,23 €
RPC150/TC/P/SS	150	37	179	12	257	400	77,85 €
RPC160/TC/P/SS	160	40	197	16	268	600	88,20 €
RPC200/TC/P/SS	200	50	240	16	318	700	94,03 €
Swivel with double brake							
RPC80/TC/PDB/SS	80	32	109	12	173	250	39,86 €
RPC100/TC/PDB/SS	100	32	124	12	193	300	42,01 €
RPC125/TC/PDB/SS	125	36	152	12	221	350	49,28 €
RPC150/TC/PDB/SS	150	37	179	12	257	400	100,19 €
RPC160/TC/PDB/SS	160	40	197	16	268	600	107,58 €
RPC200/TC/PDB/SS	200	50	240	16	318	700	120,27 €

Dimensions in mm

Grey rubber wheel

Stock

RBG

For medium loads up to 120kg

- **Light industrial wheel with a semi-elastic solid rubber tyre**

- **Material:**

85° Shore vulcanised grey rubber tyre

Polypropylene core

- **Smooth central bore**

- **Working temperature range - 20°C to + 60°C**

Advantages

- Soft and silent

- Absorbs shock and vibration

- Will not damage floors



Noise absorbing



Wheel and castor



ØD



B



C



ØA

DISCOUNTS

Qty	1+	10+	30+
Disc. List	-5%	On request	

Part number	ØD	B	C	ØA	Maximum load (kg)	Stock*	Price each 1 to 9
RBG50-22/ML	50	22	28	8	40	✓	1,79 €
RBG60-24/ML	60	24	28	8	50	-	2,29 €
RBG80-23/ML	80	23	28	8	65	✓	3,61 €
RBG100-26/ML	100	26	28	8	75	✓	4,28 €
RBG100-32/ML	100	32	34	10	100	-	5,43 €
RBG125-32/ML	125	32	34	10	120	-	6,71 €

*Depending on availability - Dimensions in mm

- **Light industrial swivel castor with central hole**
- Swivel system uses two ball races
- Swivel castor with double locks: simple to lock/unlock using foot operated pedal
- Materials:

Top plate: pressed steel sheet, protected by bright zinc plating

Grey vulcanized rubber wheel 85°Shore

RBG (tome 5 p.56)

Smooth central bore

- Working temperature range: - 20°C to + 60°C

Advantages

- Soft, silent wheel
- Absorbs shock and vibration
- Will not damage floors



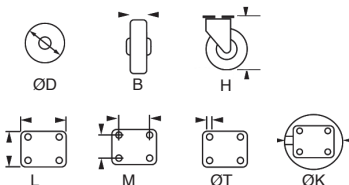
Fixed



Swivel



Swivel with double brake



DISCOUNTS

Qty	1+	10+	30+
Disc.	List	-5%	On request

Part number	ØD	B	H	L	M	ØT	Swivel interference ØK	Max load (kg)	Stock*	Price each 1 to 9
Fixed										
RBG50/PL/F	50	22	76	52x67	36x50	6	-	45	✓	3,72 €
RBG60/PL/F	60	24	85	52x67	36x50	6	-	55	✓	3,99 €
RBG80/PL/F	80	23	106	52x67	36x50	6	-	65	✓	5,21 €
RBG100/PL/F	100	26	122	52x67	36x50	6	-	75	✓	7,00 €
RBG125/PL/F	125	32	157	68x95	44x73	8	-	110	✓	13,69 €
Swivel										
RBG50/PL/P	50	22	76	48x64	36x50	6	98	45	✓	4,96 €
RBG60/PL/P	60	24	85	48x64	36x50	6	110	55	✓	5,87 €
RBG80/PL/P	80	23	106	48x64	36x50	6	138	65	✓	7,52 €
RBG100/PL/P	100	26	123	48x64	36x50	6	166	75	✓	9,03 €
RBG125/PL/P	125	32	161	70x90	50x70	8	216	110	✓	17,33 €
Swivel with double lock										
RBG50/PL/PDB	50	22	76	48x64	36x50	6	172	45	✓	6,90 €
RBG60/PL/PDB	60	24	85	48x64	36x50	6	172	55	✓	7,35 €
RBG80/PL/PDB	80	23	106	48x64	36x50	6	188	65	✓	9,23 €
RBG100/PL/PDB	100	26	123	48x64	36x50	6	188	75	✓	10,78 €
RBG125/PL/PDB	125	32	161	70x90	50x70	8	220	110	✓	19,25 €

* Depending on availability - Dimensions in mm

Castor with central hole

Stock

RBGTC For medium loads up to 110kg

- **Light industrial swivel castor with central hole**
- Swivel system uses two ball races
- Swivel castor with double locks: simple to lock/unlock using foot operated pedal
- Materials:

Top plate: pressed steel sheet, protected by bright zinc plating

Grey vulcanized rubber wheel 85°Shore

RBG (tome 5 p.56)

Smooth central bore

- Working temperature range: - 20°C to + 60°C

Advantages

- Soft, silent wheel
- Absorbs shock and vibration
- Will not damage floors



Swivel



Swivel with double brake



ØD



B



H



ØE



ØK

DISCOUNTS

Qty	1+	10+	30+
Disc.	List	-5%	On request

Part number	ØD	B	H	ØE	Swivel interference ØK	Max load (kg)	Stock*	Price each 1 to 9
Swivel								
RBG50/TC/P	50	22	76	10	98	45	✓	4,67 €
RBG60/TC/P	60	24	85	10	110	55	✓	5,29 €
RBG80/TC/P	80	23	105	10	138	65	✓	6,80 €
RBG100/TC/P	100	26	121	10	166	75	✓	8,30 €
RBG125/TC/P	125	32	158	13	216	110	✓	12,73 €
Swivel with double lock								
RBG50/TC/PDB	50	22	76	10	172	45	✓	6,90 €
RBG60/TC/PDB	60	24	85	10	172	55	✓	7,14 €
RBG80/TC/PDB	80	23	105	10	188	65	✓	8,56 €
RBG100/TC/PDB	100	26	121	10	188	75	✓	12,15 €
RBG125/TC/PDB	125	32	158	13	220	110	✓	17,81 €

*Depending on availability -Dimensions in mm

- Industrial castor with a semi-elastic solid rubber tyre
- Material:
 - 85° Shore vulcanised black rubber tyre
 - Polypropylene core
- Smooth central bore
- Working temperature range: - 20°C to + 60°C

Advantages

- Soft and silent
- Absorbs shock and vibration
- Will not damage floors



Noise absorbing



ØD



B



C



ØA

DISCOUNTS

Qty	1+	10+	30+
Disc.	List	-5%	On request

Part number	ØD	B	C	ØA	Maximum load (kg)	Stock*	Price each 1 to 9
RBN80-34/ML	80	34	40	12	75	✓	3,56 €
RBN100-35/ML	100	35	39	12	100	✓	4,20 €
RBN125-38/ML	125	38	45	15	125	✓	6,61 €
RBN150-40/ML	150	40	45	15	150	-	9,36 €
RBN160-38/ML	160	38	60	20	150	-	9,76 €
RBN200-47/ML	200	47	60	20	215	-	12,78 €

*Depending on availability -Dimensions in mm

Rubber castor with mounting plate Stock

RBNPL

For heavy loads up to 215kg

- Industrial wheel suitable for loads up to 215kg

- Swivel system uses two sets of ball bearings

- Swivel castor with double locks: simple to lock/unlock using foot operated pedal

- Materials:

Baseplate: pressed steel sheet, protected by bright zinc plating

Black vulcanized rubber wheel, 85° Shore

RBN (tome 5 p.65)

- Smooth central bore

- Working temperature range: - 20°C to + 60°C



Fixed



Swivel



Swivel with double brake

Advantages

- Soft, silent wheel

- Absorbs shock and vibration

- Will not damage floors



ØD



B



H



L



M



ØT



ØK

DISCOUNTS

Qty	1+	10+	30+
Disc. List	-5%	On request	

Part number	ØD	B	H	L	M	ØT	ØK	Swivel interference	Max. load (kg)	Price each 1 to 9
Fixed										
RBN80/PL/F	80	30	109	110x85	80x60	8	-	75	-	8,53 €
RBN100/PL/F	100	35	126	110x85	80x60	8	-	100	-	9,71 €
RBN125/PL/F	125	38	153	110x85	80x60	8	-	125	-	13,54 €
RBN150/PL/F	150	40	180	110x85	80x60	8	-	150	-	17,36 €
RBN160/PL/F	160	38	180	135x110	105x80	11	-	150	✓	23,81 €
RBN200/PL/F	200	47	241	135x110	105x80	11	-	215	-	31,27 €
Swivel										
RBN80/PL/P	80	30	109	110x85	80x60	8	158	75	✓	11,37 €
RBN100/PL/P	100	35	126	110x85	80x60	8	182	100	✓	12,55 €
RBN125/PL/P	125	38	153	110x85	80x60	8	210	125	-	15,82 €
RBN150/PL/P	150	40	180	110x85	80x60	8	242	150	✓	20,23 €
RBN160/PL/P	160	38	180	135x110	105x80	11	267	150	-	30,62 €
RBN200/PL/P	200	47	241	135x110	105x80	11	320	215	-	37,42 €
Swivel with double lock										
RBN80/PL/PDB	80	30	109	110x85	80x60	8	290	75	✓	16,98 €
RBN100/PL/PDB	100	35	126	110x85	80x60	8	290	100	-	18,17 €
RBN125/PL/PDB	125	38	153	110x85	80x60	8	290	125	✓	22,60 €
RBN150/PL/PDB	150	40	180	110x85	80x60	8	290	150	-	26,41 €
RBN160/PL/PDB	160	38	180	135x110	105x80	11	267	150	-	39,07 €
RBN200/PL/PDB	200	47	241	135x110	105x80	11	320	215	-	46,80 €

*Depending on availability - Dimensions in mm

Rubber castor with central hole

For heavy loads up to 215kg

RBNTC

- Industrial wheel suitable for loads up to 215kg
- Swivel system uses two ball races
- Swivel castor with double locks: simple to lock/unlock using foot operated pedal
- Materials:
 - Baseplate: pressed steel sheet, protected by bright zinc plating
 - Black vulcanized rubber wheel 85°Shore
 - RBN (tome 5 p.65)**
- Smooth central bore
- Working temperature range: - 20°C to + 60°C



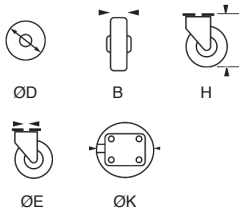
Swivel



Swivel with double brake

Advantages

- Soft and silent
- Absorbs shock and vibration
- Will not damage floors



DISCOUNTS

Qty	1+	10+	30+
Disc.	List	-5%	On request

Part number	ØD	B	H	ØE	Swivel interference ØK	Maximum load (kg)	Price each 1 to 9
Swivel							
RBN80/TC/P	80	30	105	12	158	75	11,29 €
RBN100/TC/P	100	35	125	12	182	100	12,45 €
RBN125/TC/P	125	38	152	12	210	125	16,17 €
RBN150/TC/P	150	40	179	12	242	150	20,87 €
RBN160/TC/P	160	38	188	12,5	267	150	29,51 €
RBN200/TC/P	200	47	232	12,5	320	215	35,90 €
Swivel with double lock							
RBN80/TC/PDB	80	30	105	12	290	75	17,31 €
RBN100/TC/PDB	100	35	125	12	290	100	18,27 €
RBN125/TC/PDB	125	38	152	12	290	125	22,35 €
RBN150/TC/PDB	150	40	179	12	290	150	28,29 €
RBN160/TC/PDB	160	38	188	12,5	267	150	44,23 €
RBN200/TC/PDB	200	47	232	12,5	320	215	51,19 €

Dimensions in mm

Free running wheel

Stock

RUR

For loads up to 275kg

- Light industrial wheel for loads up to 275kg
- Ball bearing hub
- Materials:
 - Polyurethane covered wheel 85 Shore
 - Aluminium core
- Working temperature range: -30 to +80°C

For rough floors



Advantages

- Smooth and quiet running
- Resists wear
- Very strong
- Recommended for its exceptional resistance and its long-term service
- Low risk of flat spots developing if the wheel is not used

Applications

- Rough floors
- Can be used where metal chips, solvents, oil or grease is present



ØD



B



C



ØA

DISCOUNTS

Qty	1+	10+	30+
Disc.	List	-5%	On request

Part number	ØD	B	A	F	Max load (kg)	Stock*	Price each 1 to 9
RUR80	80	40	41	12	175	✓	20,58 €
RUR100	100	40	41	12	220	-	23,30 €
RUR125	125	38	50	15	250	-	26,62 €
RUR150	150	40	50	20	275	-	37,75 €

*Depending on availability -Dimensions in mm

Free running wheel with mounting plate

For loads up to 275kg

RURP

- Light industrial castor for loads up to 275kg
- Swivel castor with double locks: simple to lock/unlock using foot operated pedal
- Hub with ball bearing
- Materials:
 - Top bracket/plate: Plated steel sheet
 - Polyurethane covered wheel 85 Shore
 - Aluminium core, (see RUR tome 5 p.62)
- Working temperature range: -30 to +80°C



Fixed



Swivel

Advantages

- Smooth and quiet running
- Resists wear
- Very strong
- Recommended for its exceptional resistance and its long-term service
- Low risk of flat spots developing if the wheel is not used

Applications

- Rough floors
- Can be used where metal chips, solvents, oil or grease is present



ØD



B



H



L



M



ØT



ØK

For rough floors



Swivel with double brake

DISCOUNTS

Qty	1+	10+	30+
Disc.	List	-5%	On request

Part number	ØD	B	H	L	M	ØT	Swivel interference ØK	Max load (kg)	Price each 1 to 9
Fixed									
RURP80/F	80	40	110	110x85	80x60	8	-	175	31,10 €
RURP100/F	100	40	127	110x85	80x60	8	-	220	34,16 €
RURP125/F	125	38	155	110x85	80x60	8	-	250	38,38 €
RURP150/F	150	40	181	110x85	80x60	8	-	275	49,59 €
Swivel									
RURP80/P	80	40	110	110x85	80x60	8	162	175	35,76 €
RURP100/P	100	40	127	110x85	80x60	8	184	220	39,07 €
RURP125/P	125	38	155	110x85	80x60	8	216	250	43,74 €
RURP150/P	150	40	181	110x85	80x60	8	244	275	54,75 €
Swivel with double brake									
RURP80/PDB	80	40	110	110x85	80x60	8	290	175	27,46 €
RURP100/PDB	100	40	127	110x85	80x60	8	290	220	30,33 €
RURP125/PDB	125	38	155	110x85	80x60	8	290	250	35,01 €
RURP150/PDB	150	40	181	110x85	80x60	8	290	275	48,92 €

Dimensions in mm

Free running wheel with central hole

RURT

For loads up to 275kg

- Light industrial castor for loads up to 275kg
- Swivel castor with double locks: simple to lock/unlock using foot operated pedal
- Hub with ball bearing
- Materials:
 - Top bracket/plate: Plated steel sheet
 - Polyurethane covered wheel, 85 Shore
 - Aluminium core (see RUR tome 5 p.62)
- Working temperature range: -30 to +80°C

Advantages

- Smooth and quiet running
- Resists wear
- Very strong
- Recommended for its exceptional resistance and its long-term service
- Low risk of flat spots developing if the wheel is not used

Applications

- Rough floors
- Can be used where metal chips, solvents, oil or grease is present



Swivel



Swivel with double brake

For rough floors



ØD



B



H



ØE



ØK

DISCOUNTS

Qty	1+	10+	30+
Disc. List	-5%	On request	

Part number	ØD	B	H	ØE	Swivel interference ØK	Max load (kg)	Price each 1 to 9
Swivel							
RURT80/P	80	40	106	12	162	175	30,18 €
RURT100/P	100	40	126	12	184	220	32,89 €
RURT125/P	125	38	153	12	216	250	37,38 €
RURT150/P	150	40	180	12	244	275	37,38 €
Swivel with double brake							
RURT80/PDB	80	40	106	12	290	175	36,10 €
RURT100/PDB	100	40	126	12	290	220	39,15 €
RURT125/PDB	125	38	153	12	290	250	43,58 €
RURT150/PDB	150	40	180	12	290	275	58,08 €

Dimensions in mm



High temperature wheel

Load up to 200kg

RHT

- Phenolic resin castor wheel
- Slide bearings
- Working temp.: -30°C to +280°C

Advantages

- Large storage capacity
- Resists high temperatures



ØD



B



C



ØA

DISCOUNTS

Qty	1+	5+	15+
Disc.	Price	-5%	On request

Part number	ØD	B	C	ØA	Load capacity (kg)	Price per unit
						1 to 4
RHT80-35/ML	80	35	40	12	125	19,39 €
RHT100-35/ML	100	35	40	12	150	19,63 €
RHT125-40/ML	125	40	48	15	200	71,40 €

Dimensions in mm

High Temperature Castors with plate

RHT_{PLSS}

Load up to 200kg

- **High temperature industrial castor**
- Swivel system on 2 crowns of balls
- Double-locking swivel castor:
use the foot pedal to lock and unlock.
- Slide bearings
- Materials:
304 stainless steel sheet
Polyamide wheel **RHT**
(**tome 5 p.65**)
- Working temp.: -30°C to +280°C



Fixed



Swivel



Swivel with double broke

Advantages

- Large storage capacity
- Resists high temperatures



ØD



B



H



L



M



ØT



ØK

DISCOUNTS

Qty	1+	5+	15+
Disc. Price	-	-5%	On request

Part number	ØD	B	H	L	M	ØT	Swivel interference ØK	Load maximum (kg)	Price per unit 1 to 4
Fixed									
RHT80/PL/F/SS	80	35	105	115x83	80x60	11x9	-	125	37,11 €
RHT100/PL/F/SS	100	35	126	115x83	80x60	11x9	-	150	37,82 €
RHT125/PL/F/SS	125	40	153	115x83	80x60	11x9	-	200	86,29 €
Swivel									
RHT80/PL/P/SS	80	35	105	115x83	80x60	11x9	173	125	46,27 €
RHT100/PL/P/SS	100	35	126	115x83	80x60	11x9	193	150	47,58 €
RHT125/PL/P/SS	125	40	153	115x83	80x60	11x9	221	200	96,78 €
Double locking swivel									
RHT80/PL/PDB/SS	80	35	105	115x83	80x60	11x9	293	125	55,98 €
RHT100/PL/PDB/SS	100	35	126	115x83	80x60	11x9	293	150	57,30 €
RHT125/PL/PDB/SS	125	40	153	115x83	80x60	11x9	293	200	106,49 €

Dimensions in mm



High Temperature Castor with central hole

Load up to 200kg

RHTTCSS

- High temperature industrial castor
- Swivel system on 2 crowns of balls
- Double-locking swivel castor:
use the foot pedal to lock and unlock.
- Slide bearings
- Materials:
304 stainless steel sheet
Polyamide wheel (see RHT (tome 5 p.65)
Working temp. range: -30°C to +280°C

Advantages

- Large storage capacity
- Resists high temperatures



Swivel



Double locking swivel



ØD



B



H



ØE



ØK

DISCOUNTS

Qty	1+	5+	15+
Disc. Price	-5%	-5%	On request

Part number	ØD	B	H	ØE	Swivel interference ØK	Load maximum (kg)	Price per unit 1 to 4
Swivel							
RHT80/TC/P/SS	80	35	105	12	173	125	46,27 €
RHT100/TC/P/SS	100	35	126	12	193	150	47,58 €
RHT125/TC/P/SS	125	40	153	12	221	200	96,78 €
Double locking swivel							
RHT80/PL/P/SS	80	35	105	12	173	125	55,99 €
RHT100/PL/P/SS	100	35	126	12	193	150	57,30 €
RHT125/PL/P/SS	125	40	153	12	221	200	106,49 €

Dimensions in mm

Stem support for caster

New

TSRTC For swivel caster with central hole

- Threaded stem for swivel castor with central hole

- Material:

Stem: Stainless steel 304

Washer: Stainless steel 304

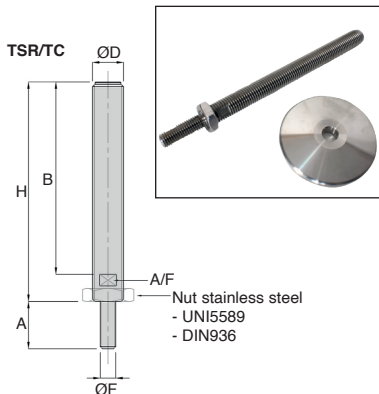
Mounting

- Pass the $\varnothing F$ thread through the center hole of the castor plate and secure with a washer and a M12 lock nut (not supplied)
- If necessary, the length A can be shortened by yourself.
- The protection of the caster can be improved with the stainless steel protective washer **TSR-ROND**

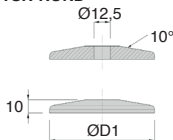
Accessories

- Swivel castor with central hole **RPC/TC** Tome 5 (p. 53), **RBN/TC** 5 (p. 61), **RHT/TC** 5 (p. 67) et **RURT** 5 (p. 64)

Example of assembly with protective washer



TSR-ROND



DISCOUNTS

Qty	1+	10+	30+
Disc.	List	-5%	On request

Part number	ØD	ØF	A	B	H	A/F	ØD1	Price each
								1 to 9
Threaded stem								
TSR16-150/TC/SS	M16x2	M12x1,75	37	150	171	13	-	18,69 €
TSR16-200/TC/SS	M16x2	M12x1,75	37	200	221	13	-	22,21 €
TSR20-150/TC/SS	M20x2,5	M12x1,75	37	150	172	17	-	24,74 €
TSR20-200/TC/SS	M20x2,5	M12x1,75	37	200	222	17	-	30,30 €
TSR24-150/TC/SS	M24x3	M12x1,75	37	150	172	20	-	32,31 €
TSR24-200/TC/SS	M24x3	M12x1,75	37	200	222	20	-	39,89 €
Protective washer								
TSR-ROND12-60/SS	-	-	-	-	-	-	60	14,84 €
TSR-ROND12-80/SS	-	-	-	-	-	-	80	19,79 €

Dimensions in mm

Retractable castor for aluminum section

Load up to 200kg

RESC

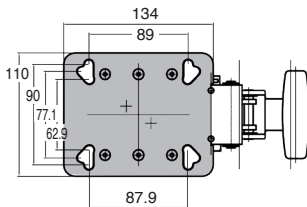
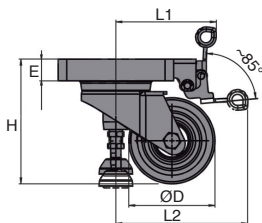
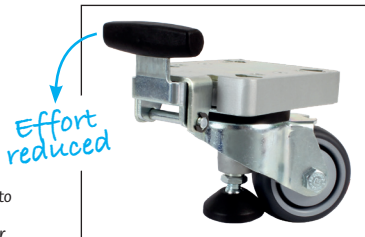
- Retractable castor with foot, allowing easy transition from a rolling position to a fixed position.
- Materials:
 - Black PU tread
 - Wheel centre PA grey sim. RAL7001
 - Die-cast aluminium base plate
 - Steel wheel support

Advantages

- Allows the wheel to be shifted effortlessly into a fixed position thanks to the lever arm.
- Standing position more stable than a caster with brake.
- Prevents deformation of the tread under prolonged load.
- Can be mounted with the aluminium section in several different combinations.

Accessories

- Compatible with sections that have a width of 45mm PRF4545 and 90mm PRF4590 (tome 5 p.299)
- Compatible with section widths measuring 40mm, 80mm and 90mm
- CHC8-40/SS/B screw (tome 1 p.559)
- PRF-ECL-M8 nut (tome 5 p.315)



Application examples

DISCOUNTS

Qty	1+	10+	30+
Disc.	Price	-5%	On request

Part number	ØD	E	H	L1	L2	Max load (N)	Weight (kg)	Price per unit 1 to 9
RESC80-125	80	25.3	125	117	153	1500	1.64	192.56 €
RESC100-145	100	25.3	145	117	153	2000	1.94	195.13 €

Dimensions in mm

Locking castor with central hole



RIM

For loads up to 1000kg

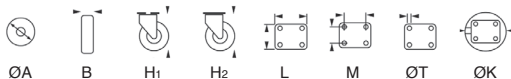
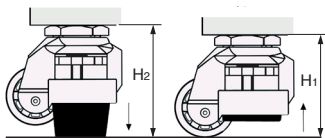
- A combination of a swivel castor and an adjustable locking support
- Used to easily support and moving machines or other heavy equipment and then positioning them in a very stable manner.
- Installation starts by lowering the locking support using a nut.
- With the wheel no longer resting on the ground, the supported unit can be levelled despite any irregularities in the floor.
- Operating temperature range: -30 to +80°C

Materials

- Polyamide central control cross nut
- Anti-skid rubber mount allowing absorption of vibration and noise
- Body: Moulded cast aluminium body, hammered ivory paint finish
- Swivel system provided by 2 ball rings
- Mounting plate has a threaded central hole, threaded rod and nut supplied.
- Wheel: Black polyamide Shore D 70



Adjusting nut



DISCOUNTS

Qty	1+	5+	14+
Disc.	List	-5%	On request

Part number	ØA	B	H1	H2	ØT	Swivel interference ØK	Load (kg)	Price each 1 to 4
RIM42-60/TCE	42	20	71	81	M8	84	60	43,46 €
RIM50-280/TCE	50	25	82	92	M12	101	280	69,03 €
RIM63-550/TCE	63	28	103	118	M12	125	550	93,81 €
RIM75-800/TCE	75	30	120	132	M16	142	800	126,19 €
RIM75-1000/TCE	75	30	120	132	M16	142	1000	123,65 €

Dimensions in mm

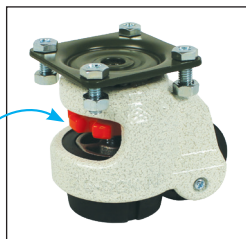


Locking castor with mounting plate

For loads up to 1000kg

RIM

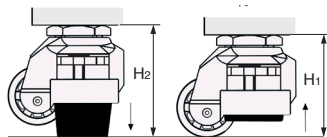
- A combination of a swivel castor and an adjustable locking support
- Used to easily support and moving machines or other heavy equipment and then positioning them in a very stable manner.
- Installation starts by lowering the locking support using a nut.
- With the wheel no longer resting on the ground, the supported unit can be levelled despite any irregularities in the floor.
- Operating temperature range: -30 to +80°C



Adjusting nut

Materials

- Polyamide central control cross nut
- Anti-skid rubber mount allowing absorption of vibration and noise
- Body: Moulded cast aluminium body, hammered ivory paint finish
- Swivel system provided by 2 ball rings
- Mounting plate square
- Wheel: Black polyamide Shore D 70



ØA



B



H1



H2



L



M



ØT



ØK

DISCOUNTS

Qty	1+	5+	14+
Disc.	List	-5%	On request

Part number	ØA	B	H1	H2	L	M	ØT	Swivel interference ØK	Load (kg)	Price each 1 to 4
RIM42-60/PLE	42	20	71	81	55x55	42x42	6,5	84	60	43,46 €
RIM50-280/PLE	50	25	82	92	73x73	58x58	7	101	280	69,03 €
RIM63-550/PLE	63	28	103	118	90x90	70x70	9	125	550	93,81 €
RIM75-800/PLE	75	30	120	132	95x95	70x70	11	142	800	126,19 €
RIM75-1000/PLE	75	30	120	132	95x95	70x70	11	142	1000	123,65 €

Dimensions in mm

SLAT TOP CHAIN



*acetal or
stainless steel*

p.74

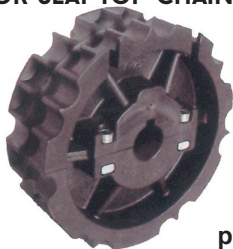
SLAT TOP CHAIN



*acetal or
stainless steel*

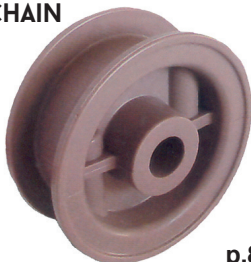
p.76

DRIVE SPROCKET FOR SLAT TOP CHAIN



p.79

IDLER FOR SLAT TOP CHAIN



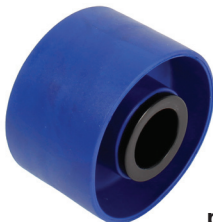
p.86

PLASTIC CLAMPING RING



p.88

RUBBER WHEEL FOR CONVEYOR SYSTEM

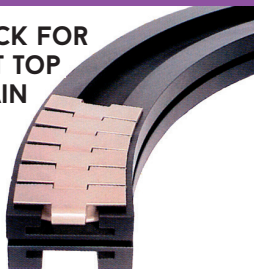


p.93

SLAT TOP CHAIN AND ACCESSORIES

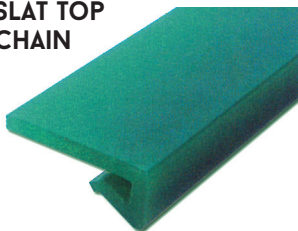
P. 74-103

**TRACK FOR
SLAT TOP
CHAIN**



p.95

**SUPPORT PROFILE FOR
SLAT TOP
CHAIN**



p.96

CAP820

Acetal - Range 820

- Ideal for moving bottles and metal cans at high speeds

- Smooth surface with no backlash

- Non knurled pin

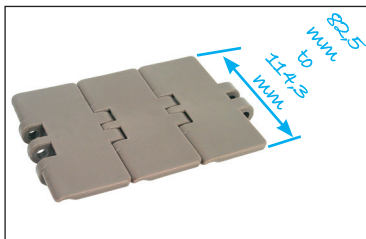
- Materials:

Plates: low friction acetal

Pin: stainless steel 304

- Operating temp.: -40°C to +85°C
(+70°C in humid environments)

- Length 3048mm (80 plates)



Advantages

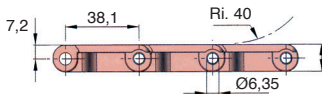
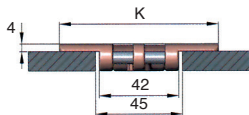
- In most applications, no lubrication is necessary

Associated products

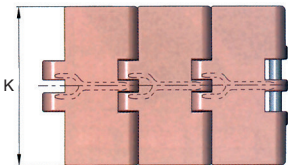
- Drive sprocket **PT820** (tome 5 p.79)

- Idler sprocket **PR820** (tome 5 p.82)

- Idler **DBL820** (tome 5 p.86)



Direction of travel →



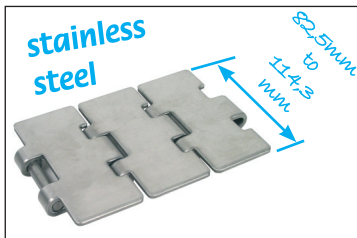
DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	Width K (mm)	Length (mm)	Breaking load (N)	Weight (kg/m)	Stock*	Price each 1 to 4
CAP820-82	82,5	3048	3200	0,83	✓	101,72 €
CAP820-114	114,3	3048	3200	1,03	✓	129,58 €

*Depending on availability - Dimensions in mm

- Main applications are in bottling plants and for moving hard products
- Smooth surface with no backlash
- Materials:
 - Plates: polished cold-laminated stainless steel (30HRC min.)
 - Pin: special stainless steel (41-44HRC)
- Operating temp.: -40°C to +260°C (+120°C in humid environments)

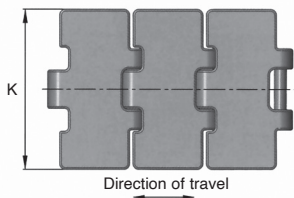
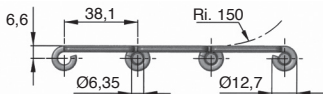
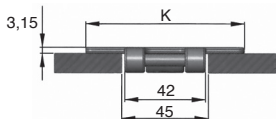


Advantages

- Wide field of applications

Associated products

- Drive sprocket **PT820** (tome 5 p.79)
- Idler sprocket **PR820** (tome 5 p.82)
- Idler **DBL820** (tome 5 p.86)



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	Width K (mm)	Length (mm)	Breaking load (N)	Weight (kg/m)	Stock*	Price each 1 to 4
CAP815-82/SS	82,5	3048	10400	2,65	✓	144,39 €
CAP815-114/SS	114,3	3048	10400	3,40	-	216,70 €

*Depending on availability - Dimensions in mm

Narrow flexible slat top chain

CAP880T

Acetal - Range 880 TAB

- **Bending radius allows chain to follow a curved path**

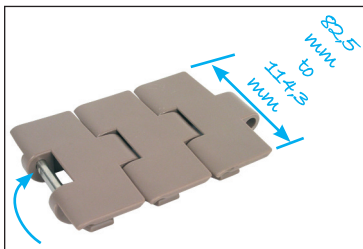
- **Materials:**

Plates: low friction acetal

Pin: stainless steel 304

- Operating temp.: -40°C to +85°C
(+70°C in humid environments)

- Length 3048mm (80 plates)



Advantages

- Special shape prevents products lifting moving or falling whilst on curves

Associated products

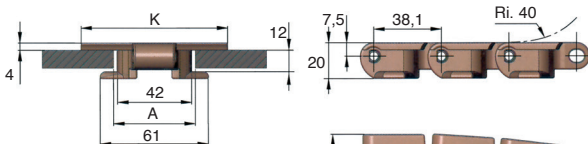
- Drive sprocket **PT880** (tome 5 p.80)

- Idler sprocket **PR880** (tome 5 p.83)

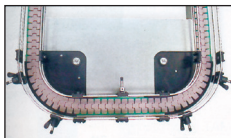
- Idler **DBL880** (tome 5 p.87)

- Straight track **GRD880T** (tome 5 p.94)

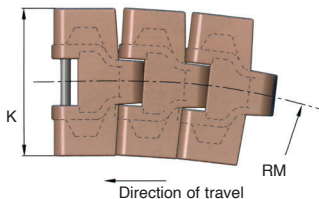
- Curved track **GCB880T** (tome 5 p.95)



A $\left\{ \begin{array}{l} \text{Straight} - 46 \\ \text{Curved} - 44,2 \end{array} \right.$



Typical application



DISCOUNTS

Qty	1+	5+	10+
Disc. List	-5%	On request	

Part number	Width K (mm)	Length (mm)	Bend radius RM (mm)	Breaking load (N)	Weight (kg/m)	Price each 1 to 4
CAP880T-82	82,5	3048	457	5200	1,04	141,33 €
CAP880T-114	114,3	3048	532	5200	1,21	167,60 €

Dimensions in mm



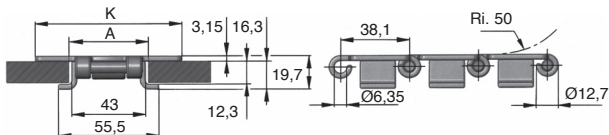
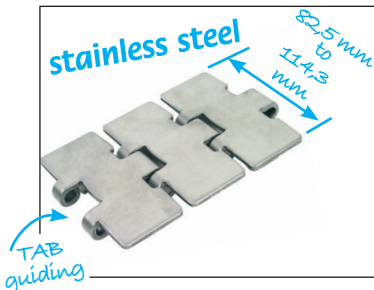
Narrow flexible slat top chain

Stainless steel - Range 881 TAB CAP881Tss

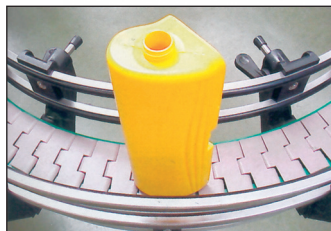
- **Bending radius allows chain to follow a curved path**
- **Materials:**
 - Plates: polished cold-laminated stainless steel (30HRC min.)
 - Pin: stainless steel 302 (1400N/mm)
- **Operating temp.:** -40°C to +260°C (+120°C in humid environments)
- **Length** 3048mm (80 plates)

Associated products

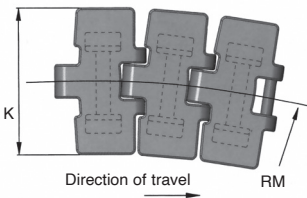
- Drive sprocket **PT881** (tome 5 p.81)
- Idler sprocket **PR881** (tome 5 p.84)
- Idler **DBL880** (tome 5 p.87)
- Straight track **GRD880T** (tome 5 p.94)
- Curved track **GCB880T** (tome 5 p.95)



A $\left\{ \begin{array}{l} \text{Straight} - 46 \\ \text{Curved} - 44,5 \end{array} \right.$



Typical application



DISCOUNTS

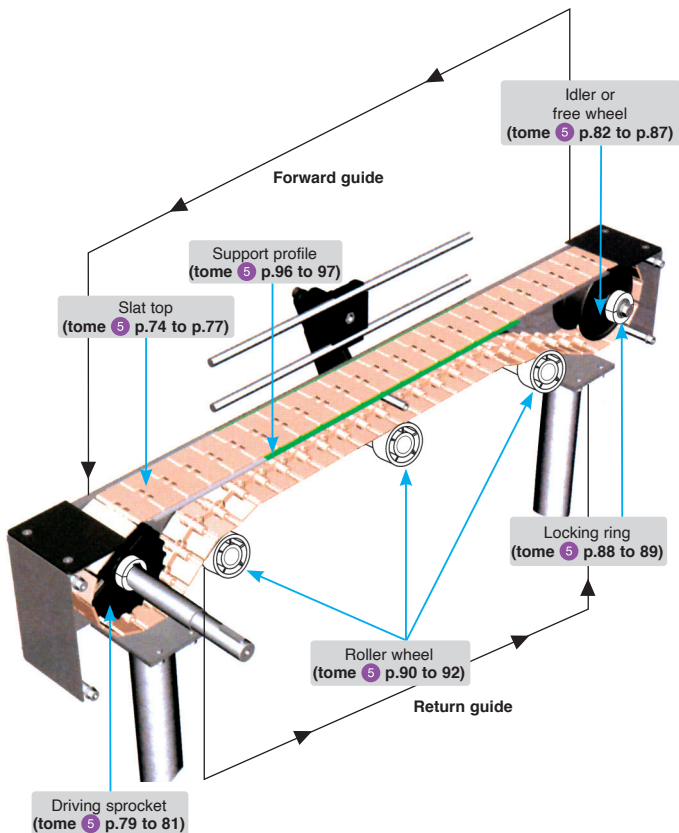
Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	Width K (mm)	Length (mm)	Bend radius RM (mm)	Breaking load (N)	Weight (kg/m)	Price each 1 to 4
CAP881T-82/SS	82,5	3048	500	9500	2,9	358,71 €
CAP881T-114/SS	114,3	3048	500	9500	3,6	319,84 €

Dimensions in mm

Slat top chain

Typical application





Drive sprocket for slat top chain

For chain ranges 820 and 815

PT820

- For driving CAP820 and CAP815 plate chains
- With bore and standard keyway
- Materials:
 - Reinforced polyamide
 - Stainless steel screws
- Operating temp.: -10°C to +120°C
- For dimensions and bore tolerances, please refer to technical pages

Advantage

- Two part design facilitates easy assembly

Accessories

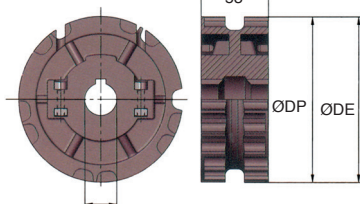
- Clamping ring BAP (tome 5 p.88-89)



Easy assembly



Two part design



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	No. of teeth	ØDE	ØDP	Bore ØA	Weight (kg)	Price each 1 to 4
PT820-21-25	21	129	129,26	25	0,4	42,07 €
PT820-21-30	21	129	129,26	30	0,4	42,07 €
PT820-21-35	21	129	129,26	35	0,4	40,24 €
PT820-21-40	21	129	129,26	40	0,4	40,24 €
PT820-21-45	21	129	129,26	45	0,4	40,24 €
PT820-23-25	23	141	141,22	25	0,5	41,55 €
PT820-23-30	23	141	141,22	30	0,5	41,55 €
PT820-23-35	23	141	141,22	35	0,5	41,55 €
PT820-23-40	23	141	141,22	40	0,5	41,55 €
PT820-23-45	23	141	141,22	45	0,5	41,55 €
PT820-25-25	25	153	153,20	25	0,5	41,96 €
PT820-25-30	25	153	153,20	30	0,5	41,96 €
PT820-25-35	25	153	153,20	35	0,5	41,96 €
PT820-25-40	25	153	153,20	40	0,5	41,96 €
PT820-25-45	25	153	153,20	45	0,5	41,96 €

Dimensions in mm

Drive sprocket for slat top chain

PT880

For chain range 880 TAB

- For driving CAP880T chains
- With bore and keyway
- Materials:
 - Reinforced polyamide
 - Stainless steel screws
- Operating temp.: -10°C to +120°C
- For dimensions and bore tolerances, please refer to technical pages

Advantage

- Two part design facilitates easy assembly

Accessories

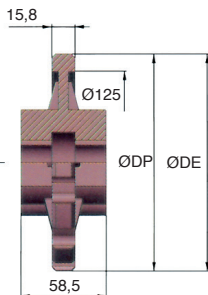
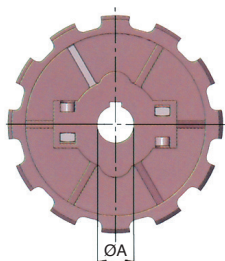
- Clamping ring BAP (tome 5 p.88-89)



Easy assembly



Two part design



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	No. of teeth	ØDE	ØDP	Bore ØA	Weight (kg)	Price each 1 to 4
PT880-12-25	12	147,2	147,21	25	0,39	40,54 €
PT880-12-30	12	147,2	147,21	30	0,39	40,54 €
PT880-12-35	12	147,2	147,21	35	0,39	40,54 €
PT880-12-40	12	147,2	147,21	40	0,39	40,54 €

Dimensions in mm



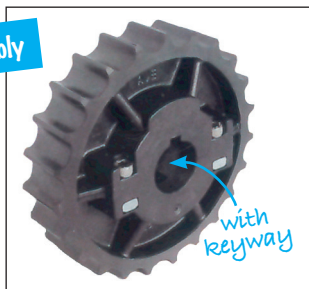
Drive sprocket for slat top chain

For chain range 881 TAB

PT881

- For driving CAP881T/SS chains
- With bore and keyway
- Materials:
 - Reinforced polyamide
 - Stainless steel screws
- Operating temp.: -10°C to +120°C
- For dimensions and bore tolerances, please refer to technical pages

Easy assembly



Advantage

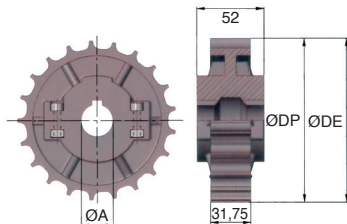
- Two part design facilitates easy assembly

Accessories

- Clamping ring BAP (tome 5 p.88-89)



Two part design



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	No. of teeth	ØDE	ØDP	Bore ØA	Weight (kg)	Price each 1 to 4
PT881-21-25	21	129	129,26	25	0,37	38,36 €
PT881-21-30	21	129	129,26	30	0,37	38,36 €
PT881-21-35	21	129	129,26	35	0,37	38,36 €
PT881-21-40	21	129	129,26	40	0,37	38,36 €
PT881-21-45	21	129	129,26	45	0,37	38,36 €
PT881-23-25	23	141	141,22	25	0,44	39,85 €
PT881-23-30	23	141	141,22	30	0,44	39,85 €
PT881-23-35	23	141	141,22	35	0,44	39,85 €
PT881-23-40	23	141	141,22	40	0,44	39,85 €
PT881-23-45	23	141	141,22	45	0,44	39,85 €
PT881-25-25	25	153	153,20	25	0,49	41,83 €
PT881-25-30	25	153	153,20	30	0,49	41,83 €
PT881-25-35	25	153	153,20	35	0,49	41,83 €
PT881-25-40	25	153	153,20	40	0,49	41,83 €
PT881-25-45	25	153	153,20	45	0,49	41,83 €

Dimensions in mm

Idler sprocket for plate chain



PR820

For chain ranges 820 and 815

- For use with CAP820 and CAP815 plate chains

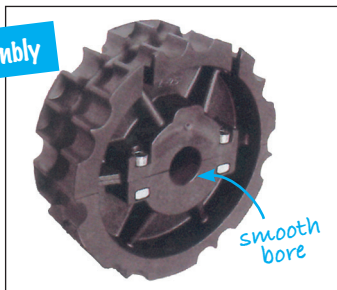
- Materials:

Reinforced polyamide
Stainless steel screws

- Operating temp.: -10°C to +120°C

- For dimensions and bore tolerances, please refer to technical pages

Easy assembly



Advantage

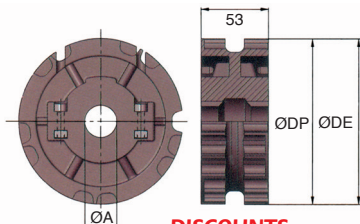
- Two part design facilitates easy assembly

Accessory

- Plastic clamping ring BAP (tome 5 p.88-89)



Two part design



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	No. of teeth	ØDE	ØDP	Bore ØA	Weight (kg)	Price each 1 to 4
PR820-21-25	21	129	129,26	25	0,4	39,35 €
PR820-21-30	21	129	129,26	30	0,4	39,35 €
PR820-21-35	21	129	129,26	35	0,4	39,35 €
PR820-21-40	21	129	129,26	40	0,4	39,35 €
PR820-21-45	21	129	129,26	45	0,4	39,35 €
PR820-23-25	23	141	141,22	25	0,5	41,55 €
PR820-23-30	23	141	141,22	30	0,5	41,55 €
PR820-23-35	23	141	141,22	35	0,5	41,55 €
PR820-23-40	23	141	141,22	40	0,5	41,55 €
PR820-23-45	23	141	141,22	45	0,5	41,55 €
PR820-25-25	25	153	153,20	25	0,5	41,96 €
PR820-25-30	25	153	153,20	30	0,5	41,96 €
PR820-25-35	25	153	153,20	35	0,5	41,96 €
PR820-25-40	25	153	153,20	40	0,5	41,96 €
PR820-25-45	25	153	153,20	45	0,5	41,96 €

Dimensions in mm



Idler sprocket for plate chain

For chain range 880 TAB

PR880

- For use with CAP880T plate chains
- Materials:
Reinforced polyamide
Stainless steel screws
- Operating temp.: -10°C to +120°C
- For dimensions and bore tolerances,
please refer to technical pages

Advantage

- Two part design facilitates easy assembly

Accessory

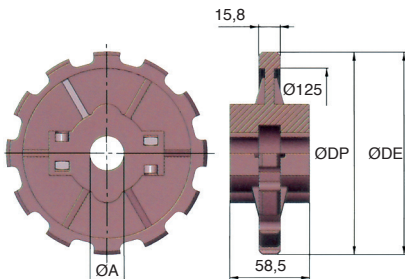
- Plastic clamping ring BAP (tome 5 p.88-89)



Easy assembly



Two part design



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	No. of teeth	$\varnothing DE$	$\varnothing DP$	Bore $\varnothing A$	Weight (kg)	Price each 1 to 4
PR880-12-25	12	147,2	147,21	25	0,39	37,45 €
PR880-12-30	12	147,2	147,21	30	0,39	37,45 €
PR880-12-35	12	147,2	147,21	35	0,39	35,05 €
PR880-12-40	12	147,2	147,21	40	0,39	35,05 €

Dimensions in mm

Idler sprocket for plate chain



PR881

For chain range 881 TAB

- For use with CAP881T/SS plate chains

- Materials:

Reinforced polyamide

Stainless steel screws

- Operating temp.: -10°C to +120°C

- For dimensions and bore tolerances, please refer to technical pages

Easy assembly



Advantage

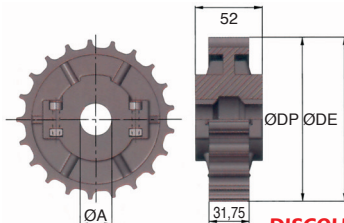
- Two part design facilitates easy assembly

Accessory

- Plastic clamping ring BAP (tome 5 p.88-89)



Two part design



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

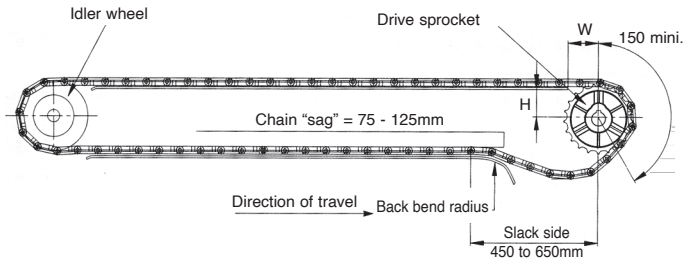
Part number	No. of teeth	ØDE	ØDP	Bore ØA	Weight (kg)	Price each 1 to 4
PR881-21-25	21	129	129,26	25	0,37	38,36 €
PR881-21-30	21	129	129,26	30	0,37	38,36 €
PR881-21-35	21	129	129,26	35	0,37	38,36 €
PR881-21-40	21	129	129,26	40	0,37	38,36 €
PR881-21-45	21	129	129,26	45	0,37	38,36 €
PR881-23-25	23	141	141,22	25	0,44	39,85 €
PR881-23-30	23	141	141,22	30	0,44	39,85 €
PR881-23-35	23	141	141,22	35	0,44	39,85 €
PR881-23-40	23	141	141,22	40	0,44	39,85 €
PR881-23-45	23	141	141,22	45	0,44	39,85 €
PR881-25-25	25	153	153,20	25	0,49	41,83 €
PR881-25-30	25	153	153,20	30	0,49	41,83 €
PR881-25-35	25	153	153,20	35	0,49	41,83 €
PR881-25-40	25	153	153,20	40	0,49	41,83 €
PR881-25-45	25	153	153,20	45	0,49	41,83 €

Dimensions in mm

Drive and idler sprocket

Common technical specification

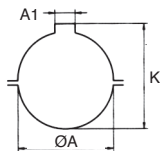
Assembly dimensions



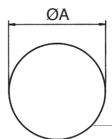
$$H = \left(\frac{DP}{2} + F \right)_0^{+1}$$

Chain part number	F	W
CAP815/SS	3,90	38
CAP820	3,90	38
CAP880T	4,00	38
CAP881T/SS	3,90	38

Bore and keyway tolerances



Bore and keyway



Smooth bore

ØA	A1	K
25 ^{-0,022} _{-0,074}	8 ^{+0,036} ₋₀	28,3 ^{+0,02} ₋₀
30 ^{-0,022} _{-0,074}	8 ^{+0,036} ₋₀	33,3 ^{+0,02} ₋₀
35 ^{-0,026} _{-0,088}	10 ^{+0,036} ₋₀	38,3 ^{+0,02} ₋₀
40 ^{-0,026} _{-0,088}	12 ^{+0,043} ₋₀	43,3 ^{+0,02} ₋₀
45 ^{-0,026} _{-0,088}	14 ^{+0,043} ₋₀	48,8 ^{+0,02} ₋₀
50 ^{-0,026} _{-0,088}	14 ^{+0,043} ₋₀	53,8 ^{+0,02} ₋₀

ØA
25 ^{+0,2} _{+0,4}
30 ^{+0,2} _{+0,4}
35 ^{+0,2} _{+0,4}
40 ^{+0,2} _{+0,4}
45 ^{+0,2} _{+0,4}
50 ^{+0,2} _{+0,4}

Idler for slat top chain



DBL820 For chain ranges 820 and 815

- For use with CAP820 and CAP815 plate chains

- Materials:

Self lubricating acetal

Stainless steel screws

- Operating temp.: -40°C to +85°C
(+70°C in humid environments)

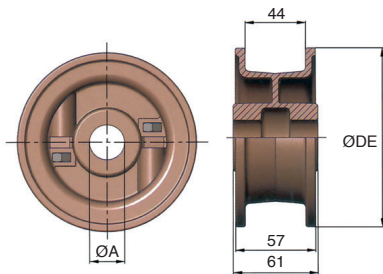
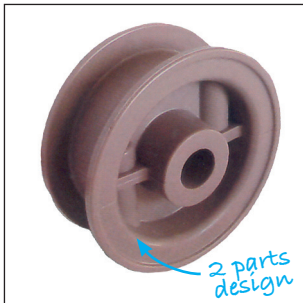
- For dimensions and bore tolerances,
please refer to technical pages

Advantage

- Two part design facilitates easy assembly

Accessory

- Plastic clamping ring BAP (tome 5 p.88-89)



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

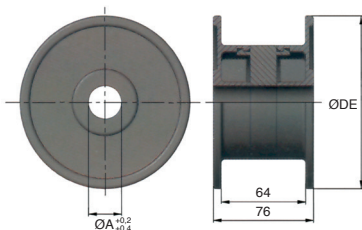
Part number	$\varnothing DE$	Bore $\varnothing A$	Weight (kg)	Price each 1 to 4
DBL820-21-25	129	25	0,3	16,84 €
DBL820-21-30	129	30	0,3	16,84 €
DBL820-21-35	129	35	0,3	16,84 €
DBL820-21-40	129	40	0,3	16,84 €
DBL820-23-25	141	25	0,4	18,91 €
DBL820-23-30	141	30	0,4	18,91 €
DBL820-23-35	141	35	0,4	18,91 €
DBL820-23-40	141	40	0,4	18,91 €
DBL820-25-25	153	45	0,4	18,46 €
DBL820-25-30	153	30	0,4	18,46 €
DBL820-25-35	153	35	0,4	18,46 €
DBL820-25-40	153	40	0,4	18,46 €

Dimensions in mm

- For use with CAP880T plate chains
- Materials:
Self lubricating acetal
- Operating temp.: -40°C to +85°C
(+70°C in humid environments)

Accessory

- Plastic clamping ring BAP (tome 5 p.88-89)



DISCOUNTS

Qty.	1+	5+	10+
Disc.	List	-5%	On request

Part number	ØDE	Bore ØA	Weight (kg)	Price each 1 to 4
DBL880-19-25	117	25	0,3	16,14 €
DBL880-19-30	117	30	0,3	16,14 €
DBL880-19-35	117	35	0,3	16,14 €
DBL880-19-40	117	40	0,3	16,14 €
DBL880-21-25	129	25	0,3	16,83 €
DBL880-21-30	129	30	0,3	16,83 €
DBL880-21-35	129	35	0,3	16,83 €
DBL880-21-40	129	40	0,3	16,83 €
DBL880-23-25	141	25	0,3	18,65 €
DBL880-23-30	141	30	0,3	18,65 €
DBL880-23-35	141	35	0,3	18,65 €
DBL880-23-40	141	40	0,3	18,66 €
DBL880-25-25	153	25	0,4	19,64 €
DBL880-25-30	153	30	0,4	19,64 €
DBL880-25-35	153	35	0,4	19,64 €
DBL880-25-40	153	40	0,4	19,64 €

Dimensions in mm

Plastic clamping ring



BAP

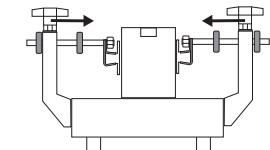
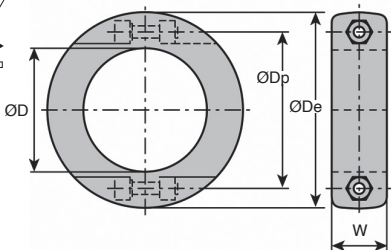
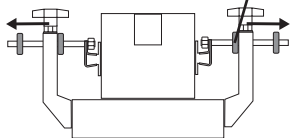
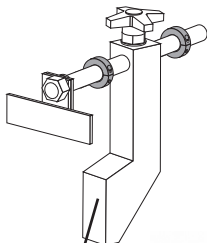
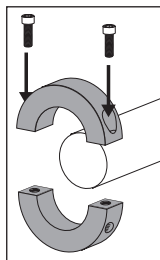
Ø10 to Ø20, 2 parts

- 2 part clamping ring

- Materials:

Body: reinforced polyamide

Screws: stainless steel 304



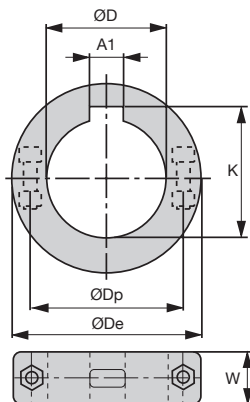
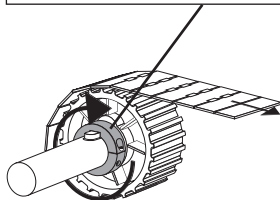
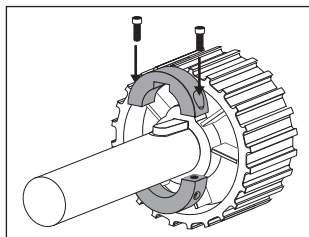
DISCOUNTS

Qty	1+	40+	100+	200+	300+
Disc.	List	-5%	-10%	-15%	On request

Part number	ØD	ØDe	ØDp	W	Weight (kg)	Stock*	Price each 1 to 39
BAP-10	10	30	20	12	0,01	✓	3,75 €
BAP-12	12	30	20	12	0,01	✓	3,75 €
BAP-14	14	30	20	12	0,01	✓	3,75 €
BAP-15	15	39	27	14	0,02	✓	3,75 €
BAP-16	16	39	27	14	0,02	✓	3,75 €
BAP-18	18	39	27	14	0,02	✓	3,75 €
BAP-20	20	40	29	14	0,02	✓	3,81 €

*Depending on availability - Dimensions in mm

- **2 part clamping**
- Smooth or grooved bore
- **Materials:**
 Body: reinforced polyamide
 Screws: stainless steel 304



DISCOUNTS

Qty	1+	40+	100+	200+	300+
Disc.	List	-5%	-10%	-15%	On request

Part number		ØD	A1	ØDe	ØDp	W	K	Weight (kg)	Stock*	Price each. 1 to 39	
smooth	grooved									smooth	grooved
BAP-25	BAP-25K	25	8	45	35	14	28,3	0,02	✓	3,81 €	6,79 €
BAP-30	BAP-30K	30	8	55	45	16	33,3	0,03	✓	4,56 €	7,41 €
BAP-35	BAP-35K	35	10	60	47	16	38,3	0,03	✓	4,48 €	7,80 €
BAP-40	BAP-40K	40	12	64	51	18	43,3	0,04	✓	4,94 €	7,83 €

*Depending on availability - Dimensions in mm

Ø42 Conveyor wheel

Stock Pla

GAL For use with Ø12 to Ø20 axles

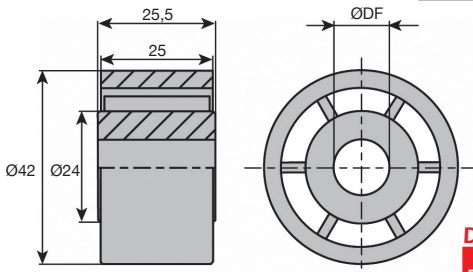
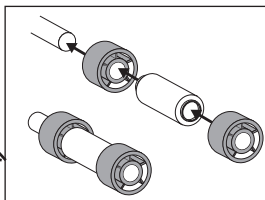
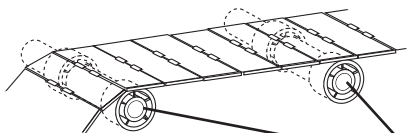
- Guide roller for plate chain return
- Used without a bearing
- Materials:
Self lubricating polyethylene

Info.

- Not sold individually,
please contact us for details

Accessories

- conveyor roller spacer GAL (tome 5 p.92)
- Plastic clamping ring BAP (tome 5 p.88-89)



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	ØDF	Weight (kg)	Stock*	Price each 1 to 49
GAL12-42-25	12	0,03	✓	1,89 €
GAL16-42-25	16	0,03	✓	2,05 €
GAL18-42-25	18	0,03	-	2,05 €
GAL20-42-25	20	0,03	-	2,05 €

*Depending on availability - Dimensions in mm

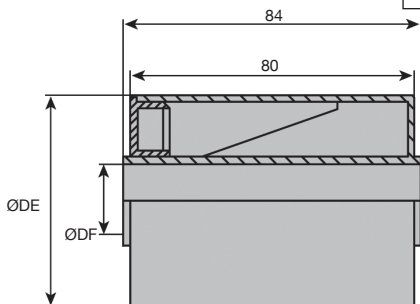
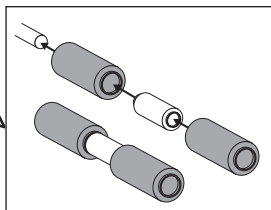
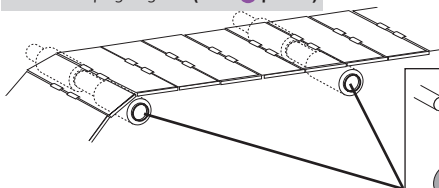
- Guide roller for plate chain return used without a bearing
- Materials:
Self lubricating polyethylene

Info.

- Not sold individually, please contact us for details

Accessories

- conveyor roller spacer GAL (tome 5 p.92)
- Plastic clamping ring BAP (tome 5 p.88-89)



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	ØDF	ØDE	Weight (kg)	Stock*	Price each 1 to 49
GAL20-40-84	20,2	40	0,04	✓	4,20 €
GAL20-60-84	20,2	60	0,06	✓	4,42 €

*Depending on availability - Dimensions in mm

Ø25 conveyor roller spacer



GAL

For use with Ø12 to Ø20 axles

- For spacing wheels supporting plate chains

- Materials:

Self lubricating polyamide

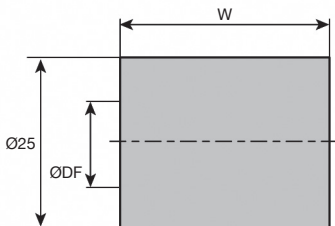
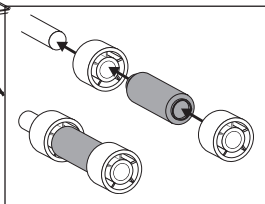
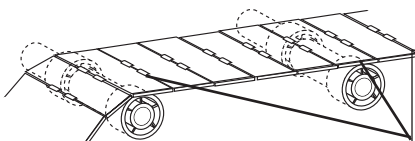
Info.

- Not sold individually, please contact us for details

Accessory

- Plastic clamping ring BAP (tome 5 p.88-89)

- Conveyor wheel GAL (tome 5 p.90, 91, 93)



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	ØDF	W	Weight (kg)	Stock*	Price each 1 to 49
GAL12-25-39	12	39	0,01	-	1,32 €
GAL16-25-39	16	39	0,01	✓	1,32 €
GAL18-25-39	18	39	0,01	-	1,32 €
GAL20-25-39	20	39	0,01	✓	1,32 €

*Depending on availability - Dimensions in mm

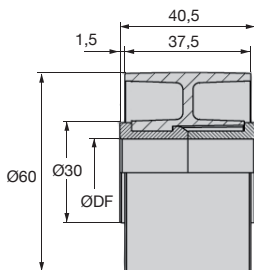
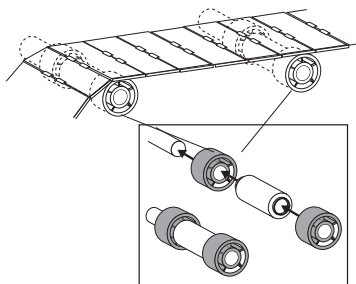
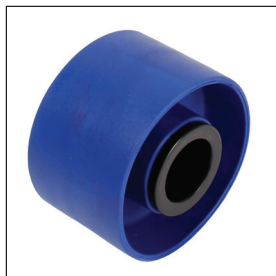
- Guide wheel for plate chain
- Reduces vibration, wear and noise
- Material
Rubber and acetal

Advantages

- Soft rubber: no marking, good grip

Accessory

- Plastic clamping ring BAP (tome 5 p.88-89)
- Conveyor wheel GAL (tome 5 p.90, 91, 93)



Soft rubber:
no marking, good grip

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	ØDF	Weight (kg)	Stock*	Price each 1 to 49
GAL20-60-40/RUB	20,2	0,05	✓	5,92 €

*Depending on availability - Dimensions in mm

Straight guide for plate chain



GDR880T

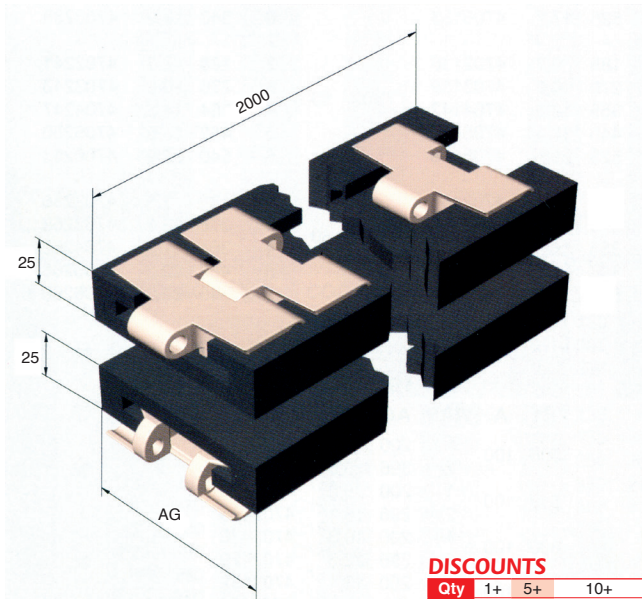
For chain ranges 880 TAB and 881 TAB

- Used to support and guide CAP880T (tome 5 p.76)
and CAP881T/SS (tome 5 p.77) plate chains

- Material:
Black DESLIDUR

Info.

- Comprises 2000mm tracks (carry and return)



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	For chain	AG (mm)	Length (mm)	Weight (kg)	Price each 1 to 4
GDR880T-82	CAP880T-82 CAP881T-82/SS	100	2000	5,9	356,87 €
GDR880T-114	CAP880T-114 CAP881T-114/SS	130	2000	8,8	477,88 €

Dimensions in mm



Curved track for plate chain

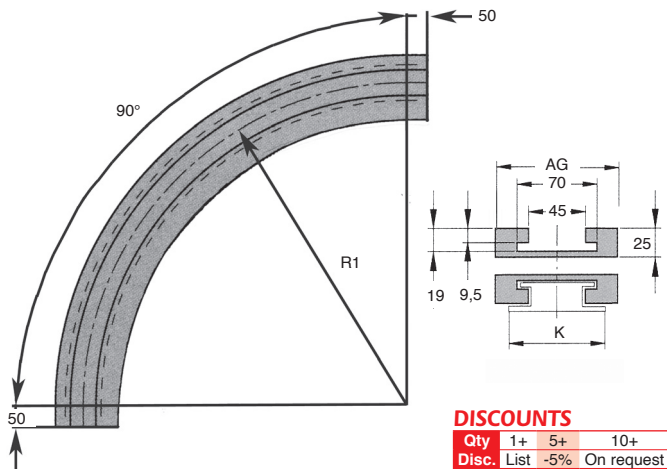
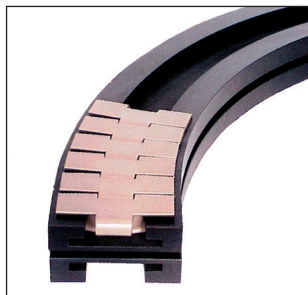
For chain ranges
880 TAB and 881 TAB

GCB880T

- Used to support and guide CAP880T (tome 5 p.76) and CAP881T/SS (tome 5 p.77) plate chains
- Material
High density Black DESLIDUR

Info.

- Comprises 2 tracks (carry and return)



DISCOUNTS

Qty	1+	5+	10+
Disc. List	-5%	On request	

Part number	For chain	AG (mm)	R1 (mm)	K (mm)	Weight (kg)	Price each 1 to 4
GCB880T-82	CAP880T-82 CAP881T-82/SS	100	500	82,5	2,4	190,13 €
GCB880T-114	CAP880T-114 CAP881T-114/SS	130	610	114,3	4,4	370,28 €

Dimensions in mm

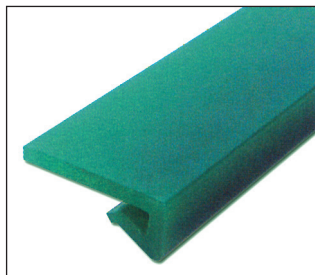
Support profile for plate chain



PRL

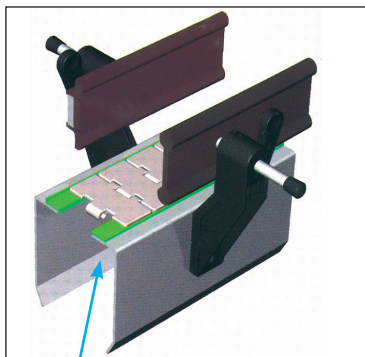
“L” profile guide, clip on

- Wear strip for mounting plate chains, “clip on” mounting
- Can be used with plate thicknesses 1.5 to 3mm
- Material:
High density green DESLIDUR Polyethylene (UHMW 1000)

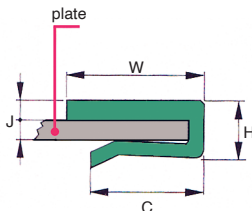


Info.

- Supplied in 50 metre rolls



Typical application



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	W	H	C	J	Weight (kg/m)	Stock*	Price each 1 to 4
PRL-20C	20	10,5	14,5	3	0,11	✓	296,43 €
PRL-25C	25	10,5	20,0	3	0,12	✓	296,24 €
PRL-40C	40	10,3	20,0	3	0,16	-	348,67 €

*Depending on availability - Dimensions in mm



Support profile for plate chain

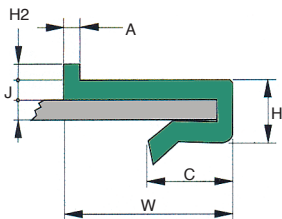
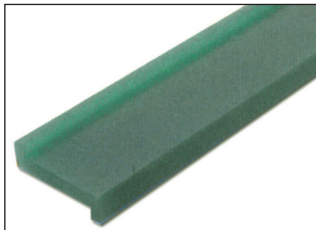
“Z” profile guide, clip on or fixed

PRZ

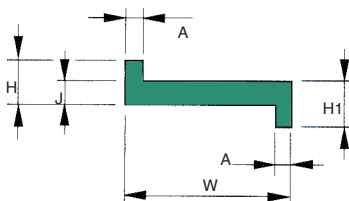
- Wear strip for mounting plate chains, “clip on” or permanent mounting
- Can be used with plate thicknesses 1.5 to 3mm
- Material:
High density green DESLIDUR Polyethylene (UHMW 1000)

Info.

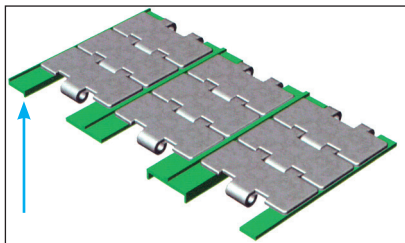
- Supplied in 50 metre rolls



PRZ-C “Clip on” mounting



PRZ-P fixed mounting



Typical application

DISCOUNTS

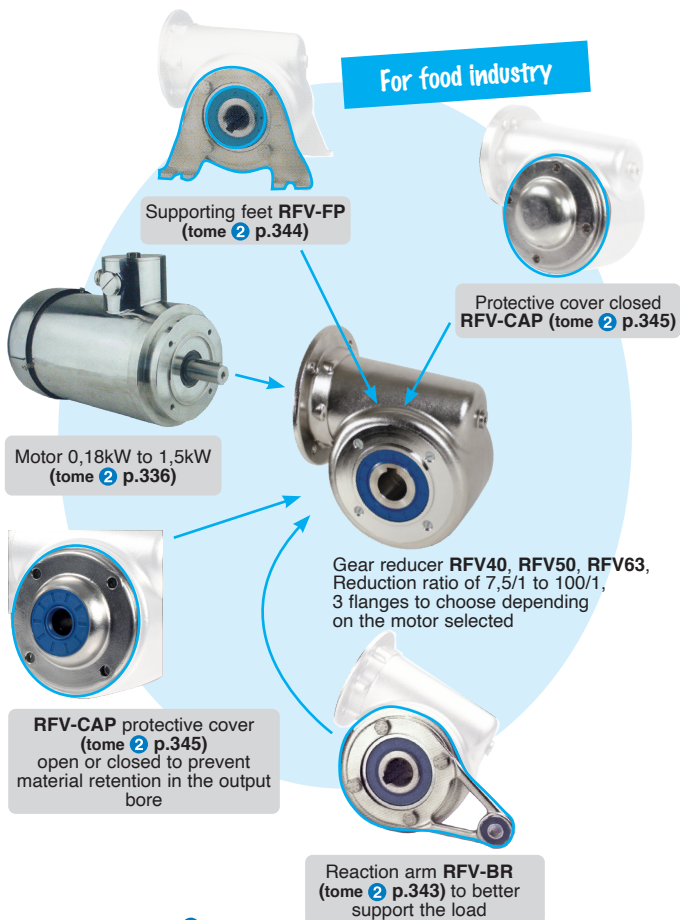
Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	W	H	H1	C	J	A	H2	Weight (kg/m)	Stock*	Price each 1 to 4
Wearstrip to be clipped										
PRZ-20C	20	9,0	-	13	3	2,5	2,5	0,12	-	293,80 €
PRZ-25C	25	9,0	-	13	3	2,5	2,5	0,17	-	296,44 €
Wearstrip to be fixed										
PRZ-20P	20	5,5	5,5	-	3	2,0	-	0,07	✓	119,26 €

*Depending on availability - Dimensions in mm

Stainless steel Worm and wheel motorgearbox

Create your set



* See data sheet (tome 2 p.270)

Stainless steel hypoid motorgearbox

Create your set*
Boost your performance!

Create your set

For food industry



RFK Hypoid gear reducer
(tome 2 p.348)



**Asynchronous AC motor
DER** (tome 2 p.336)



Accessorise



**Reaction arm
RFKBR**
(tome 2 p.343)



**Foot for gearbox
RFKFPSS**
(tome 2 p.344)



RFK-CAP protective cover
(tome 2 p.345)



ADVANTAGES

- + **Silencer**
- + **Economic**
(find out why*)
- + **Better performance**
- + **Reduction ratio up to 300/1**

* Possibility of selecting a smaller motor than for a worm and wheel motorgearbox, less expensive, less energy consuming

* See data sheet (tome 2 p.270)

Worm and wheel motorgearbox

Create your set

Create your set



or



or



Worm and wheel gearbox **CHM**
(tome 2 p.299-311)

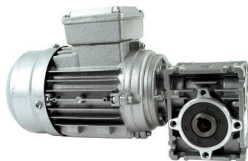
Worm and wheel gearbox **CHB**
(tome 2 p.320-325)

Worm and wheel gear reducer with torque limiter **CHML** (tome 2 p.316-319)

+



=



CHT asynchronous AC motor
(tome 2 p.288-292)

CHM asynchronous AC motorgearbox
(tome 2 p.293-296)

Accessorise

+



Reaction arm **CHM_{BR}**
(tome 2 p.312)



Reaction arm **CHB_{BR}**
(tome 2 p.327)



Feet **CHB_{FP}**
(tome 2 p.326)



CHMx et **CHM_{dx}** output shaft
(tome 2 p.313)

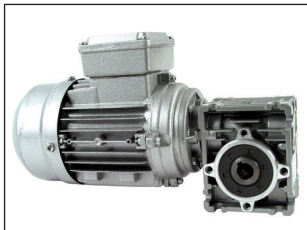
* See buying guide (tome 2 p.270)



Torque up to 22Nm

CHM30 -MOT

- Three phase electric motor gearbox assembly
- Comprises 1 CHM30 gearbox and 1 CHT motor (see motor section)
- 4 pole motor
- B14 mounting flange
- Motor speed 1,400 rpm
- Material:
Gearbox housing: aluminium

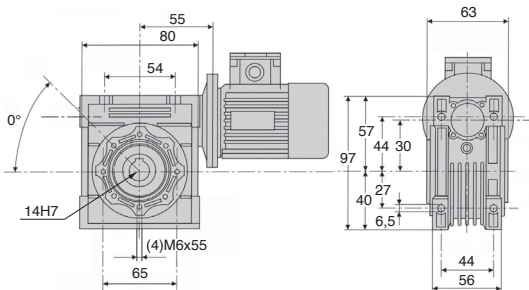


Wiring

- Wiring diagrams N°3 and N°5 on technical information pages (tome 2 p.314)

Accessories

- Output shaft
CHM30-X,
CHM30-DX
(tome 2 p.313)
- Reaction arm
CHM30-BR
(tome 2 p.312)



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-15%	On request

Part number	Reduction ratio	Motor	Motor power (kW)	Speed under load (rpm)	Nominal Torque (Nm)	Service factor	Stock*	Price each
CHM30-7-63C4	7,5:1	63C4	0,22	186,7	9	2,1	✓	255,00 €
CHM30-10-63C4	10:1	63C4	0,22	140,0	11	1,6	✓	255,00 €
CHM30-15-63C4	15:1	63C4	0,22	93,3	16	1,0	✓	254,45 €
CHM30-20-63C4	20:1	63C4	0,22	70,0	20	0,9	✓	254,45 €
CHM30-25-63B4	25:1	63B4	0,18	56,0	20	1,0	✓	249,04 €
CHM30-30-63B4	30:1	63B4	0,18	46,7	22	0,9	✓	249,04 €
CHM30-40-63B4	40:1	63B4	0,18	35,0	21	0,8	✓	249,04 €
CHM30-50-63B4	50:1	63B4	0,18	28,0	19	0,8	✓	249,04 €
CHM30-60-56B4	60:1	56B4	0,09	23,3	18	0,9	✓	239,72 €
CHM30-80-56B4	80:1	56B4	0,09	17,5	13	0,9	✓	239,72 €

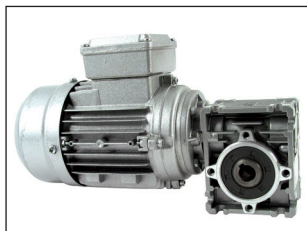
*Depending on availability - Dimensions in mm



CHM40 -MOT

Torque up to 52Nm

- Three phase electric motor gearbox assembly
- Comprises 1 CHM40 gearbox and 1 CHT motor (see motor section)
- 4 pole motor
- B14 mounting flange
- Motor speed 1,400 rpm
- Material:
Gearbox housing: aluminium

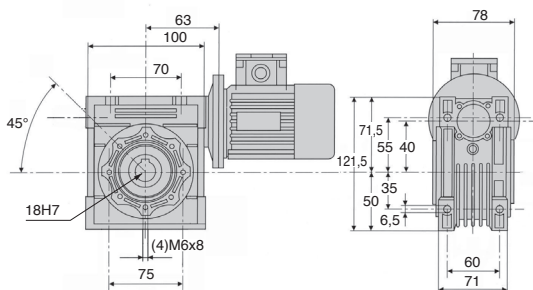


Wiring

- Wiring diagrams N°3 and N°5 on technical (tome 2 p.314)

Accessories

- Output shaft
CHM40-X,
CHM40-DX
(tome 2 p.313)
- Reaction arm
CHM40-BR
(tome 2 p.312)



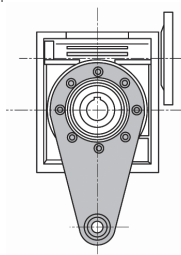
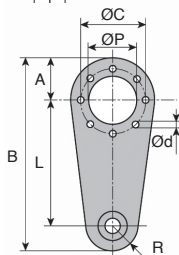
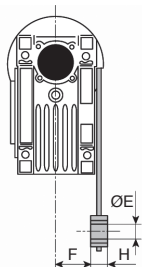
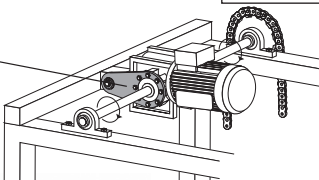
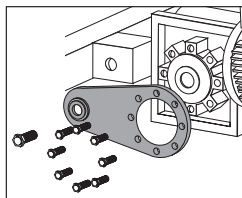
DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-15%	On request

Part number	Reduction ratio	Motor	Motor power (kW)	Speed under load (rpm)	Nominal Torque (Nm)	Service factor	Stock*	Price each
CHM40-7-71C4	7,5:1	71C4	0,55	186,7	22	1,6	✓	319,39 €
CHM40-10-71C4	10:1	71C4	0,55	140,0	30	1,4	✓	319,39 €
CHM40-15-71C4	15:1	71C4	0,55	93,3	44	0,9	✓	319,39 €
CHM40-20-71C4	20:1	71C4	0,55	70,0	38	1,0	-	319,39 €
CHM40-25-71B4	25:1	71B4	0,37	56,0	45	0,9	✓	300,26 €
CHM40-30-71B4	30:1	71B4	0,37	46,7	52	0,8	✓	300,26 €
CHM40-40-71A4	40:1	71A4	0,25	35,0	43	0,9	✓	285,70 €
CHM40-50-63C4	50:1	63C4	0,22	28,0	44	0,9	✓	282,01 €
CHM40-60-63B4	60:1	63B4	0,18	23,3	42	0,8	-	276,07 €
CHM40-80-63B4	80:1	63B4	0,18	17,5	36	0,8	✓	276,07 €
CHM40-100-63B4	100:1	63B4	0,18	14,0	35	0,8	✓	276,07 €

*Depending on availability - Dimensions in mm

- Mounts directly on the output side of CHM and CHMR gearboxes
- The mounting point of the reaction arm is equipped with a vibration proof bearing
- Material:
Galvanised steel



DISCOUNTS ^A

Qty	1+	6+	20+	40+
Disc.	List	-15%	-20%	On request

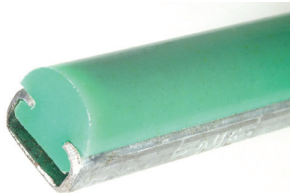
DISCOUNTS ^B

Qty	1+	2+	6+	15+
Disc.	List	-5%	-15%	On request

Part number	L	R	F	H	ØE	A	B	ØC	ØD	ØP	Weight (kg)	Stock ^A	Price each
CHM30-BR	85	15	24,0	14	8	38	138	65	7	55	0,18	✓	^A 11,32 €
CHM40-BR	100	18	31,5	14	10	44	162	75	7	60	0,24	✓	^A 13,29 €
CHM50-BR	100	18	38,5	14	10	50	168	85	9	70	0,27	✓	^A 15,06 €
CHM63-BR	150	18	49,0	14	10	55	223	95	9	80	0,57	✓	^A 20,73 €
CHM75-BR	200	30	47,5	25	20	70	300	115	9	95	1,10	✓	^B 33,85 €
CHM90-BR	200	30	57,5	25	20	80	310	130	11	110	1,26	✓	^B 49,09 €
CHM110-BR	250	35	62,0	30	25	100	385	165	11	130	1,92	-	^B 65,92 €

^A Depending on availability - Dimensions in mm

**FLAT PROFILE
ROUND GUIDE**



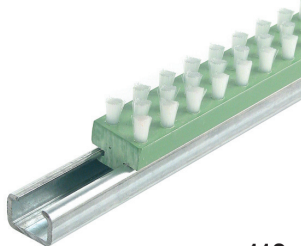
p.107

ROLLER GUIDE



p.110

GUIDANCE BRUSH



p.112

**GUIDING PROFILE
CLAMP**



p.114

**THREADED ROD
FOR CLAMP**



stainless
steel

p.118

PROTECTIVE CAP



p.120

GUIDANCE

P. 107-123

SHORT SWIVEL HEAD

stainless
steel



p.121

**GUIDE SUPPORT
BRACKET**



p.122

**UNIVERSAL GUIDE
SUPPORT BRACKET**

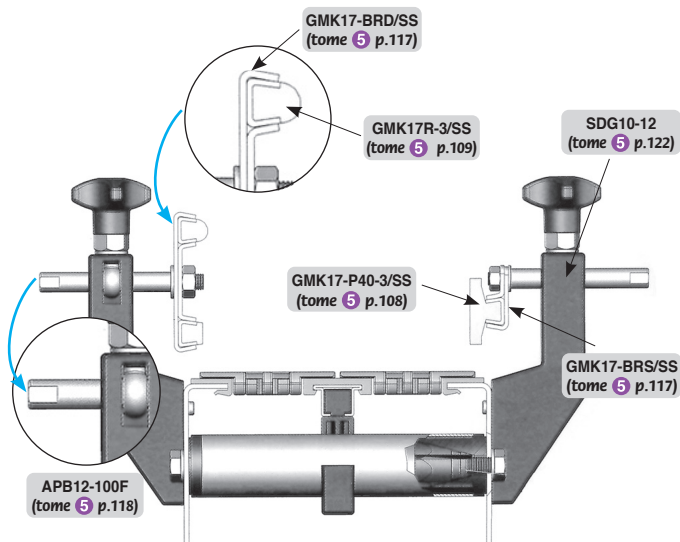
inox



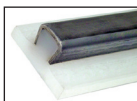
p.123

Flat profile

Typical applications



GMC
(tome 5 p.107)



GMK17-P40-3/SS
(tome 5 p.108)



GMK17-BRS/SS
(tome 5 p.117)



GMK17-BRD/SS
(tome 5 p.117)



APB12-100F
(tome 5 p.118)



Flat profile - Round guide

For bottling and packaging applications

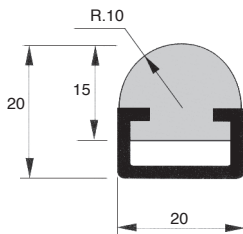
GMC
GMCss

- Guide profile for conveying products
- Materials:
 - Guide: DESLIDUR polyethylene (UHMW1000)
 - Support: steel or stainless steel
- Green

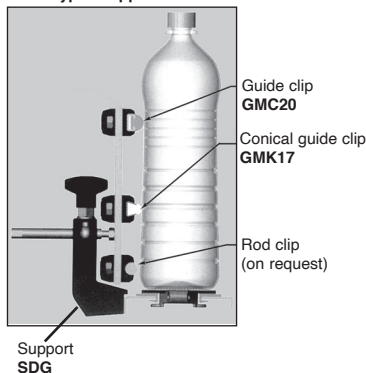
Accessories

- GMC-BR fixing clips (tome 5 p.114)
- SDG supports (tome 5 p.122)

Suitable for guiding many different products



Typical application



DISCOUNTS

Qty	1+	2+	4+	10+
Disc.	List	-10%	-15%	On request

Part number	Length (mm)	Support material	Weight (kg/m)	Stock*	Price each
GMC20-3000	3000	Steel	0,70	✓	57,28 €
GMC20-3000/SS	3000	Stainless steel	0,70	✓	89,11 €

*Depending on availability - Dimensions in mm

Flat guide for conical profile



GMK17Pss

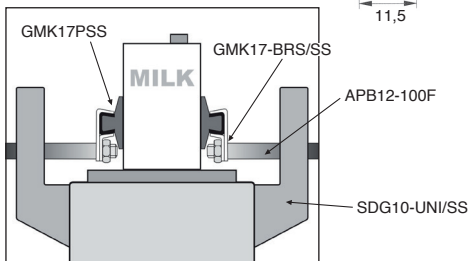
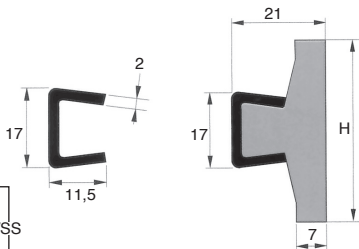
For bottling and packaging applications

- Guide profile for conveying products
- Materials:
Guide: DESLIDUR polyethylene (UHMW1000)
Support: stainless steel



Accessories

- GMK17-BR (tome 5 p.114), GMK17-BRS/SS, GMK17-BRD/SS fixing clip (tome 5 p.117)118
- SDG support (tome 5 p.122)
- GMK17-RG/SS link (tome 5 p.116)



Typical application:
guiding food cartons

DISCOUNTS

Qty	1+	2+	4+	10+
Disc.	List	-10%	-15%	On request

Part number	Colour	H	Length L(mm)	Weight (kg/m)	Stock*	Price each
GMK17-P40-3/SS	White	40	3000	0,88	✓	143,94 €
GMK17-P50-2/SS	White	50	2000	0,95	-	231,10 €
GMK17-P60-2/SS	White	60	2000	1,02	✓	174,38 €

*Depending on availability - Dimensions in mm



Round guide for conical profile

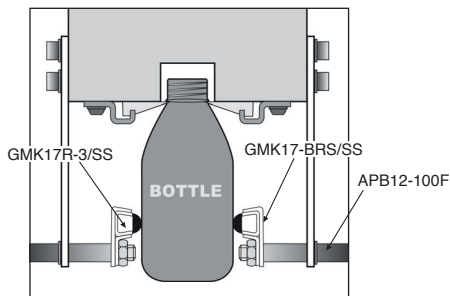
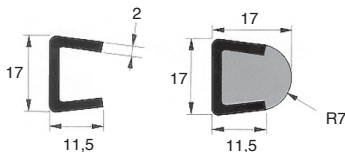
For bottling and packaging applications

GMK17RSS

- Guide profile for conveying products
- Materials:
Guide: DESLIDUR Polyethylene (UHMW1000)
Support: stainless steel

Accessories

- GMK17-BR (tome 5 p.114), GMK17-BRS/SS, GMK17-BRD/SS fixing clip (tome 5 p.117)
- SDG support (tome 5 p.122)
- GMK17-RG/SS link (tome 5 p.116)



Typical application:
guiding bottles

DISCOUNTS

Qty	1+	2+	4+	10+
Disc.	List	-10%	-15%	On request

Part number	Colour	Length L (mm)	Weight (kg/m)	Stock*	Price each
GMK17R-3/SS	White	3000	0,67	✓	95,05 €

*Depending on availability - Dimensions in mm

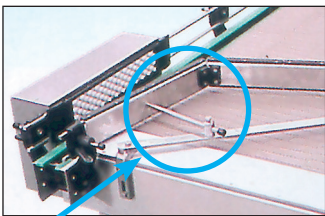
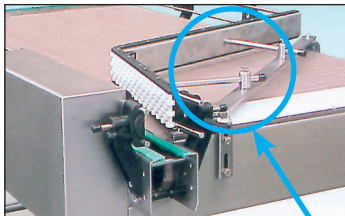
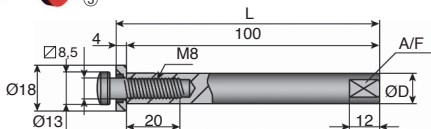
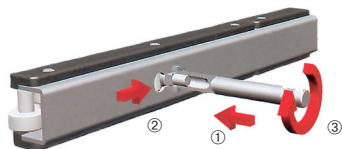
- An anchoring system comprises:

- 1 axle
- 1 nut
- 1 washer

- Material: stainless steel

Accessories

- TOC and TOL swivel heads
(tome 5 p.121)



Typical applications

DISCOUNTS

Qty	1+	2+	6+
Disc.	List	-10%	On request

Part number	ØD	A/F	L	Weight (kg)	Stock*	Price each
RAG-12-M8	12	10	104	0,11	✓	8,14 €
RAG-14-M8	14	12	104	0,14	✓	9,20 €
RAG-15-M8	15	12	104	0,16	-	10,91 €
RAG-16-M8	16	14	104	0,16	-	10,91 €

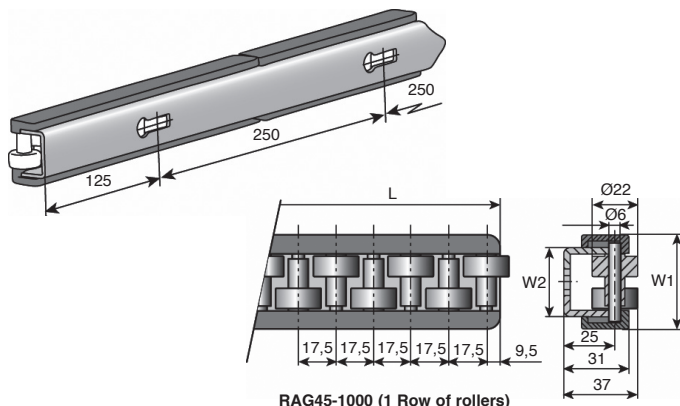
*Depending on availability - Dimensions in mm



- Length: 1000 mm
- Materials:
Profile and bars: stainless steel
Rollers: polyacetal

Accessories

- RAG-M8 anchoring system
(tome 5 p.110)



DISCOUNTS

Qty	1+	2+	6+
Disc. List	-10%	On request	

Part number	W1	W2	L (mm)	No. of rows	Weight (kg)	Stock*	Price each
RAG45-1000	45	33	1000	1	2,41	✓	172,48 €
RAG70-1000	70	58	1000	2	3,50	✓	200,02 €
RAG96-1000	96	84	1000	3	4,60	-	257,50 €
RAG120-1000	120	108	1000	4	5,75	✓	337,47 €

*Depending on availability - Dimensions in mm

Guidance brush



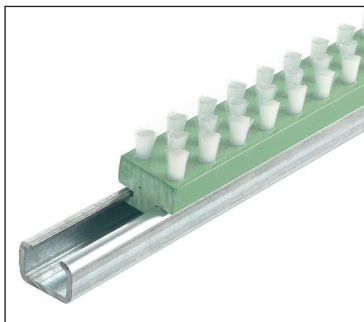
STL

Rigid support

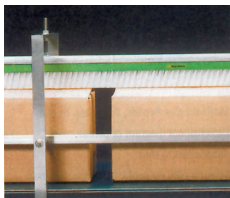
- For guidance and transport
- Easy maintenance
- Materials:
base: green PVC
brush: PA6 transparent straight fibres
rail: galvanised steel

Avantages

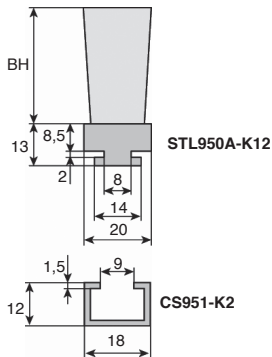
- In case of they need to be replaced, these strip brushes can be quickly removed from the rails
- Their use is recommended in applications where the fibres will be subject to heavy wear.



Easy maintenance



Typical application



DISCOUNTS

Qty	1+	10+	25+	50+
Disc. List	-5%	-10%	On request	

Part number	Length L (mm)	Fibre Ø (mm)	BH	Stock*	Price each 1 to 9
Brush					
STL950A-K12	2000	0,2	8	✓	32,89 €
Rail					
CS951-K2	2000	-	-	✓	20,92 €

*Depending on availability - Dimensions in mm



Brush strip

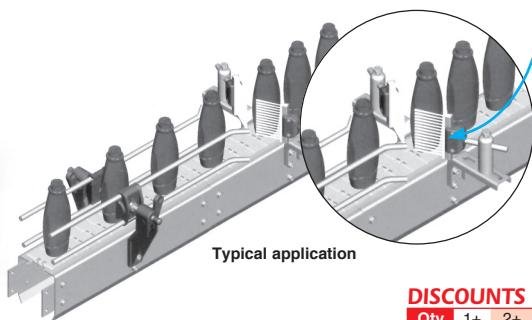
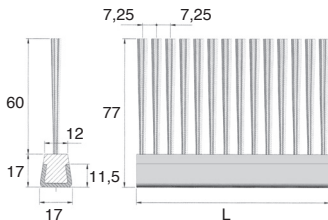
For bottling and packaging applications

GMK17 BROSSE

- Brush for conveyor system
- Materials:
 - Conical profile: stainless steel
 - Body: DESLIDUR Polyethylene (UHMW1000)
 - Brush: Polyethylene

Accessories

- GMK17 clip (tome 5 p.117)
- APBF fixing pin (tome 5 p.118)
- SDG guide support (tome 5 p.122)



DISCOUNTS

Qty	1+	2+	4+	10+
Disc.	List	-10%	-15%	On request

Part number	Colour	L	Weight (kg)	Stock*	Price each
GMK17-BROSSE	White	500	0,36	✓	49,55 €

*Depending on availability - Dimensions in mm

Guiding profile clamp



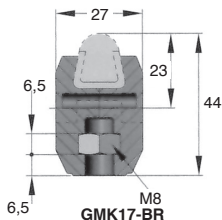
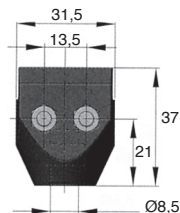
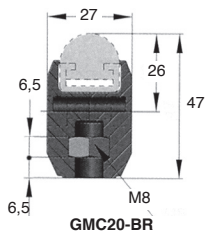
GMC_{BR}
GMK_{BR}

Plastic

- Single clip for GMC and GMK guides
- Materials:
 - Clip: reinforced polyamide
 - Screws: stainless steel
- Not supplied individually,
please contact us for details

Accessories

- GMC and GMK guides (tome 5 p.107)
- Fixing pins APB-F (tome 5 p.118)



DISCOUNTS

Qty	1+	50+	100+	200+
Disc. List	-5%	-10%	On request	

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
GMC20-BR	For flat profile	0,03	✓	3,48 €
GMK17-BR	For round profile	0,03	✓	2,73 €

*Depending on availability - Dimensions in mm



Single rod clip

Plastic

BSPT

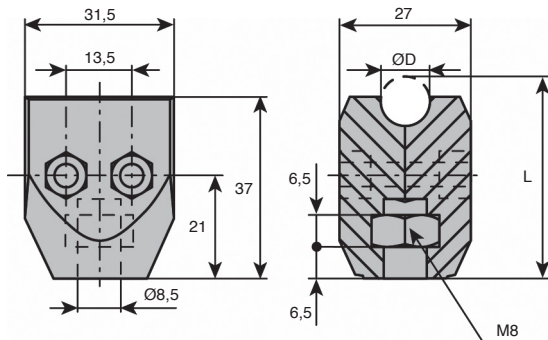
- Materials:

Body: reinforced polyamide

Screws: stainless steel 304

Accessories

- APB-F and APB-T adjusting rods
(tome 5 p.118)



DISCOUNTS

Qty	1+	50+	100+	200+
Disc. List	-5%	-10%	On request	

Part number	ØD	L	Weight (kg)	Stock*	Price each 1 to 49
BSPT-8	8	40	0,04	-	1,74 €
BSPT-10	10	41	0,04	✓	1,74 €
BSPT-12	12	42	0,04	✓	1,74 €
BSPT-14	14	42	0,04	✓	1,74 €

*Depending on availability - Dimensions in mm

Joint for guiding profile



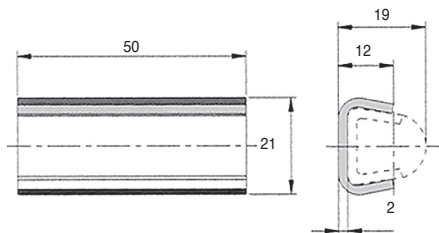
GMKRGss

Stainless steel

- For conical guiding profile
- Material: stainless steel 304
- For connecting **GMK17** profiles

Accessories

- GMK guide (tome **5** p.108-109)



DISCOUNTS

Qty	1+	50+	100+	200+
Disc.	List	-5%	-10%	On request

Part number	Weight (kg)	Stock*	Price each 1 to 49
GMK17-RG/SS	0,03	✓	6,16 €

*Depending on availability - Dimensions in mm

Stainless steel

GMKBRSS
GMKBRDSS

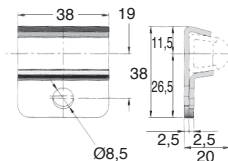
- For conical guiding profile
- Material: stainless steel 304

Accessories

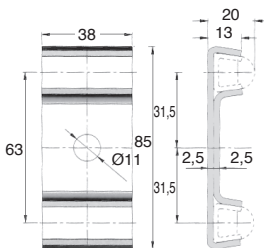
- GMC and GMK guides (tome 5 p.108-109)
- Fixing pins APBF (tome 5 p.118)



Single clip GMK17-BRS/SS



Double clip GMK17-BRD/SS



DISCOUNTS

Qty	1+	50+	100+	200+
Disc. List	-5%	-10%	On request	

Part number	Type	Weight (kg)		Price each 1 to 49
GMK17-BRS/SS	Single	0,05	✓	8,02 €
GMK17-BRD/SS	Double	0,13	✓	18,92 €

*Depending on availability - Dimensions in mm

Threaded rod for clamp



APB_F

Stainless steel

- To hold GMC-BR and GMK-BR clamps in position
- Material: stainless steel

Info.

- Not sold individually, please contact us for details
- APB15-100F has a fixing hole, not a flat section

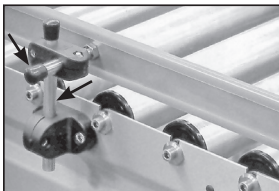
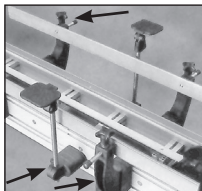
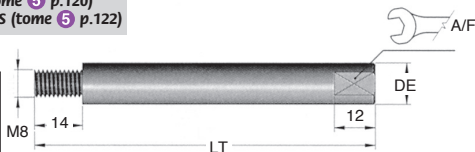


Accessories

- Clamps GMC-BR, GMK-GR (tome 5 p.114)
- Protective cap APB-BOU (tome 5 p.120)
- Guide supports SDG, SDG/SS (tome 5 p.122)



With protective cap APB



Typical application

DISCOUNTS

Qty	1+	41+	101+
Disc.	List	-5%	On request

Part number	DE	Flat size A/F	LT	Weight (kg)	Stock*	Price each 1 to 40
APB10-110F	10	8	110	0,07	✓	7,57 €
APB12-100F	12	10	100	0,09	✓	6,03 €
APB14-100F	14	12	100	0,12	✓	7,57 €
APB15-100F	15	12	100	0,14	-	9,49 €
APB16-100F	16	14	100	0,16	✓	9,63 €

*Depending on availability - Dimensions in mm



Bored rod for clamp

Stainless steel

APB_T

- Material: stainless steel

Info.

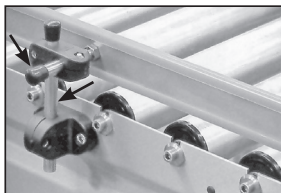
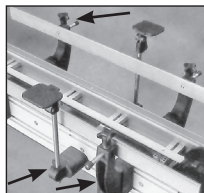
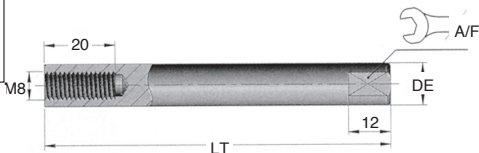
- Not sold individually, please contact us for details

Accessories

- Protective cap APB-BOU (tome 5 p.120)
- Guide supports SDG, SDG/SS (tome 5 p.122)



With protective cap APB-BOU



Typical application

DISCOUNTS

Qty	1+	41+	101+
Disc.	List	-5%	On request

Part number	DE	Flat size A/F	LT	Weight (kg)	Stock*	Price each 1 to 40
APB12-100T	12	10	100	0,09	✓	7,07 €
APB14-100T	14	12	100	0,12	✓	8,08 €
APB15-100T	15	12	100	0,14	-	9,80 €
APB16-100T	16	14	100	0,16	-	9,80 €

*Depending on availability - Dimensions in mm

Protective cap



APB_{BOU}

Plastic

- To protect adjusting rods APB-F and APB-T
- Material: flexible PVC
- Black
- Weight: 0.01 kg

Info.

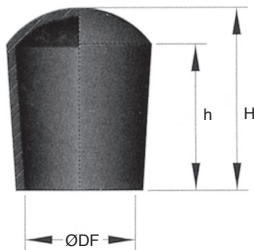
- Not sold individually, please contact us for details

Accessories

- Adjusting rod APB-T or APB-F (tome 5 p.118, p.119)



With adjusting rod APB



DISCOUNTS

Qty	1+	41+	100+
Disc.	List	-5%	On request

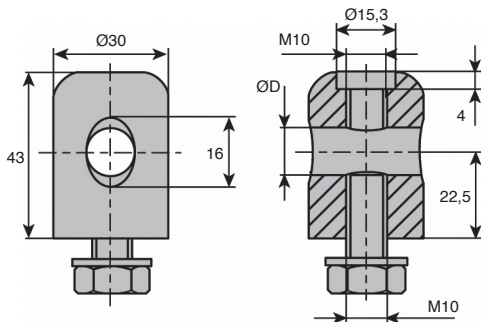
Part number	For shaft			Stock*	Price each 1 to 40
	DF	h	H		
APB10-BOU	10	15	18	✓	0,51 €
APB12-BOU	12	16	20	✓	0,51 €
APB14-BOU	14	17	21	✓	0,51 €
APB15-BOU	15	17	21	-	0,51 €
APB16-BOU	16	18	23	✓	0,51 €

*Depending on availability - Dimensions in mm

- For guiding profile
- Materials:
Body: 304 stainless steel
Nut/washer: stainless steel

Accessories

- APB-F and APB-T adjusting rods
(tome 5 p.118, p.119)



DISCOUNTS

Qty	1+	10+	20+
Disc.	List	-5%	On request

Part number	ØD	For rod	Weight (kg)	Price each 1 to 9
TOC-12/SS	12,5	APB12	0,18	20,30 €
TOC-14/SS	14,5	APB14	0,17	20,24 €
TOC-16/SS	16,5	APB16	0,17	20,24 €

*Depending on availability - Dimensions in mm

Guide support bracket



SDG

Plastic

- Guide support for bottling and packaging applications

- Materials:

Support: reinforced polyamide

Spacer: stainless steel

Threaded inserts: nickel brass

- Weight: 0.20 kg

Info.

- Not sold individually, please contact us for details

Accessories

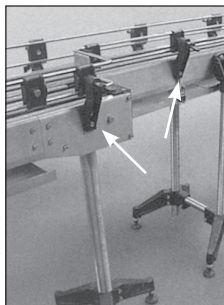
- Guides GMC, GMK (tome 5 p.107)

- Clamps GMC-BR, GMK-BR (tome 5 p.114)

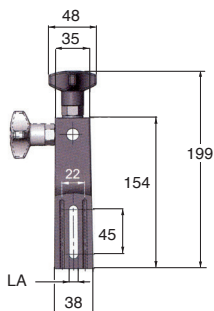
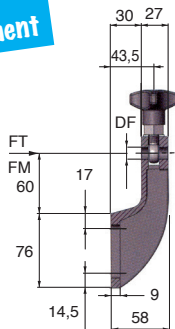
- Adjusting rod APB-T or APB-F (tome 5 p.118, p.119)



Quick adjustment



Typical application



DISCOUNTS

Qty	1+	20+	50+
Disc.	List	-5%	On request

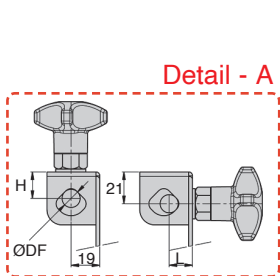
Part number	DF	LA	FT (N)	FM (N)	Stock*	Price each 1 to 19
SDG10-12	12,5	10,5	2000	4000	✓	17,32 €
SDG10-14	14,5	10,5	3000	4000	✓	19,55 €
SDG10-16	16,5	10,5	3000	4000	✓	20,53 €

*Depending on availability - Dimensions in mm

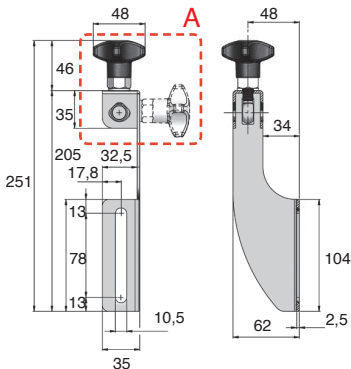
- Guide support for bottling and packaging applications
- Materials:
 - reinforced polyamide
 - stainless steel
 - nickel brass (threaded inserts)
- Not sold individually, please contact us for details

Accessories

- Guide GMC (tome 5 p.107)
- Clamps GMC-BR (tome 5 p.114)
- Adjusting rod Ø12, Ø14 and Ø16 APB-F (tome 5 p.118)



For hostile environments



DISCOUNTS

Qty	1+	20+	50+
Disc.	List	-5%	On request

Part number	ØDF	H	L	Weight (kg)	Stock*	Price each 1 to 19
SDG10-UNI/SS	12	18	16	0,33	✓	27,73 €
	14	19	17			
	16	20	19			

*Depending on availability - Dimensions in mm

ACCESSORY

P. 125-135

FIXED TUBE CARRIER



p.126

**ADJUSTABLE
CROSS CLAMP**



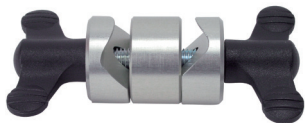
p.128

REFLECTOR SUPPORT



p.132

ADJUSTABLE CLAMP



p.134



Sensor carrier assembly

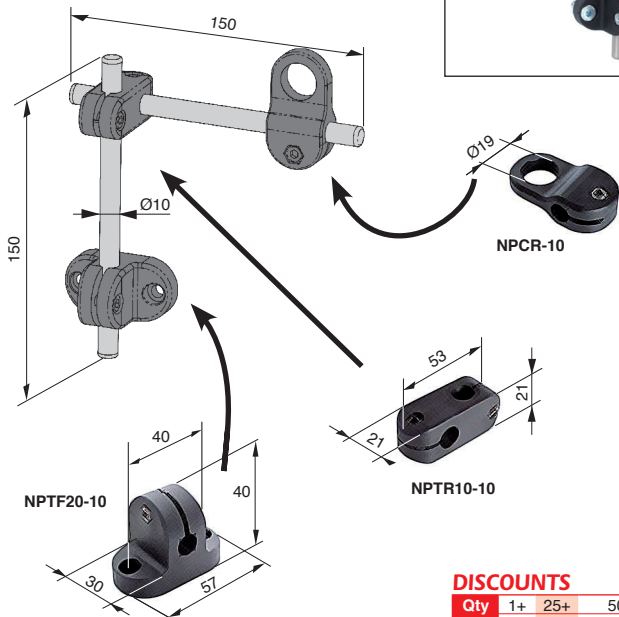
Supplied ready assembled

PCP

- Assembly comprising one base, two rods, one cross clamp and a cell carrier
- Material: reinforced polyamide
Rods: stainless steel (304) tube
Screws: stainless steel

Info.

- Can be mounted on PRF aluminium profile



DISCOUNTS

Qty	1+	25+	50+
Disc.	List	-10%	On request

Part number	Stock*	Price each 1 to 24
PCP10-150	✓	34,00 €

*Depending on availability - Dimensions in mm

Fixed tube carrier



NPTF20

For Ø10 to Ø14 tubes

- For round or square tubes

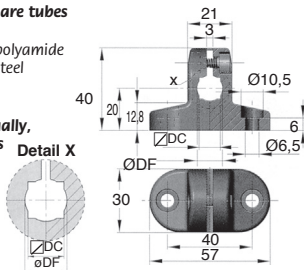
- Materials:

Body: reinforced polyamide

Screws: stainless steel

Info.

- Not sold individually, please contact us for details



DISCOUNTS

Qty	1+	30+	40+	60+
Disc. List	-5%	-10%	On request	

Part number	Ø DF	∅ DC	Weight (kg)	Stock*	Price each 1 to 29
NPTF20-10	10	8	0,03	✓	6,09 €
NPTF20-12	12	10	0,03	✓	6,71 €
NPTF20-14	14	12	0,03	✓	6,77 €

*Depending on availability - Dimensions in mm

NPTF20

Spacer for tube carrier

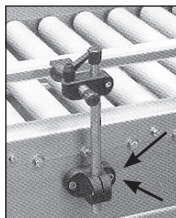
ENT

Plastic

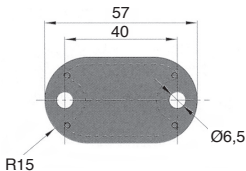
- Material: reinforced polyamide

Info.

- Not sold individually, please contact us for details



Typical application



DISCOUNTS

Qty	1+	30+	40+	60+
Disc. List	-5%	-10%	On request	

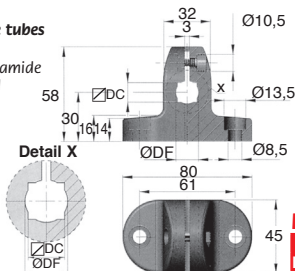
Part number	H	Weight (kg)	Stock*	Price each 1 to 29
NPTF20-ENT4	4	0,01	✓	3,22 €
NPTF20-ENT6	6	0,02	✓	3,22 €

*Depending on availability - Dimensions in mm

- For round or square tubes
- Materials:
Body: reinforced polyamide
Screws: stainless steel

Accessories

- APB-F and APB-T adjusting rods (tome 5 p.118, p.119)



DISCOUNTS

Qty	1+	30+	40+	60+
Disc. List	-5%	-10%	On request	

Part number	ØDF	ØDC	Weight (kg)	Stock*	Price each 1 to 29
NPTF30-14	14	12	0,09	✓	13,39 €
NPTF30-16	16	14	0,09	✓	13,39 €
NPTF30-18	18	16	0,09	✓	13,39 €
NPTF30-20	20	18	0,09	✓	13,39 €

*Depending on availability - Dimensions in mm

Spacer for tube carrier

Plastic

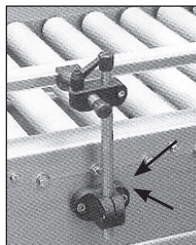
NPTF30

ENT

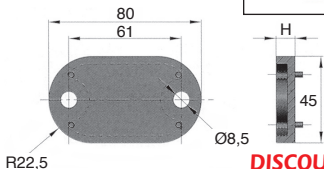
- Material: reinforced polyamide

Info.

- Not sold individually, please contact us for details



Typical application



DISCOUNTS

Qty	1+	30+	40+	60+
Disc. List	-5%	-10%	On request	

Part number	H	Weight (kg)	Stock*	Price each 1 to 29
NPTF30-ENT10	10	0,03	-	3,41 €

*Depending on availability - Dimensions in mm

Adjustable cross clamp

Pla  Stock

NPTR_M

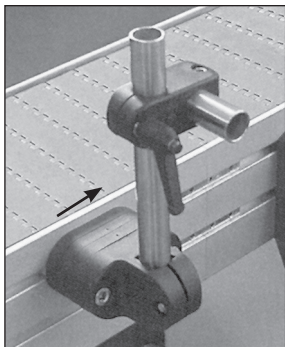
Quick adjustment

- For $\varnothing 14$ to $\varnothing 20$ round tube
- Materials:
Body: reinforced polyamide
Screws: stainless steel
Thread inserts: zinc plated steel

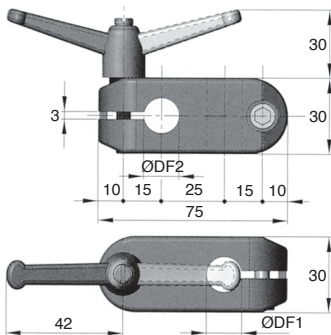
Accessories

- APB-F and APB-T adjusting rods
(tome 5 p.118, p.119)

Quick
adjustment



Typical application



DISCOUNTS

Qty	1+	30+	40+	60+
Disc.	List	-5%	-10%	On request

Part number	ØDF1	ØDF2	Weight (kg)	Stock*	Price each 1 to 29
NPTR14-14/M	14	14	0,09	✓	18,50 €
NPTR15-15/M	15	15	0,09	-	18,50 €
NPTR16-16/M	16	16	0,09	✓	18,50 €
NPTR18-18/M	18	18	0,09	-	18,50 €
NPTR20-20/M	20	20	0,09	✓	18,50 €

*Depending on availability - Dimensions in mm

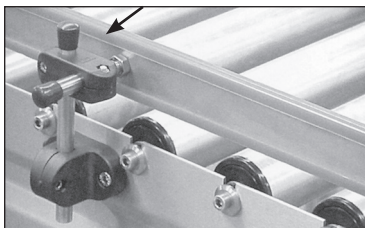
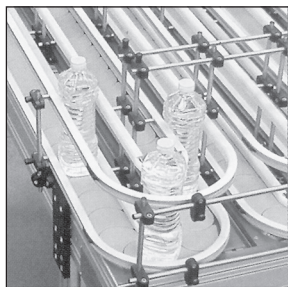
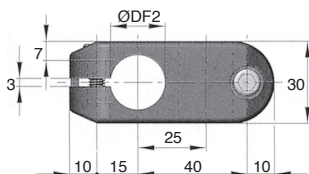
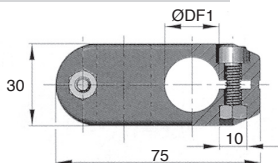
- For $\varnothing 14$ to $\varnothing 20$ round tube
- Materials:
Body: reinforced polyamide
Screws: stainless steel

Info.

- Not sold individually, please contact us for details

Accessories

- APB-F and APB-T adjusting rods
(tome 5 p.118, p.119)



↑
← Typical applications

DISCOUNTS

Qty	1+	30+	40+	60+
Disc.	List	-5%	-10%	On request

Part number	ØDF1	ØDF2	Weight (kg)	Stock*	Price each 1 to 29
NPTR14-14	14	14	0,07	✓	6,97 €
NPTR14-15	14	15	0,07	-	6,97 €
NPTR14-16	14	16	0,07	-	6,97 €
NPTR15-15	15	15	0,07	-	6,97 €
NPTR15-16	15	16	0,07	-	6,97 €
NPTR16-16	16	16	0,07	✓	6,97 €
NPTR18-18	18	18	0,07	✓	6,97 €
NPTR20-20	20	20	0,07	✓	6,97 €

*Depending on availability - Dimensions in mm

Adjustable cross clamp



NPTR

Standard version for 10mm and 12mm rods

- For $\varnothing 10$ and $\varnothing 12$ round tubes or 8mm and 10mm square rods

- Materials:

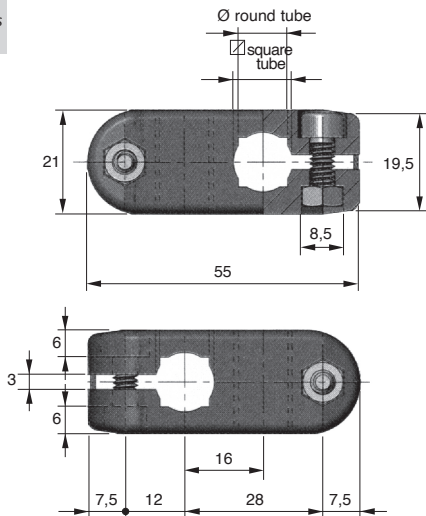
Reinforced polyamide / Screws: stainless steel

Info.

- Not sold individually,
please contact us for details

Accessories

- APB-F and APB-T adjusting rods
(tome 5 p.118, p.119)



DISCOUNTS

Qty	1+	30+	40+	60+
Disc. List	-5%	-10%		On request

Part number	\varnothing round tube	\square square tube	Weight (kg)	Stock*	Price each 1 to 29
NPTR10-10	10	8	0,03	✓	6,33 €
NPTR12-12	12	10	0,03	✓	6,33 €

*Depending on availability - Dimensions in mm

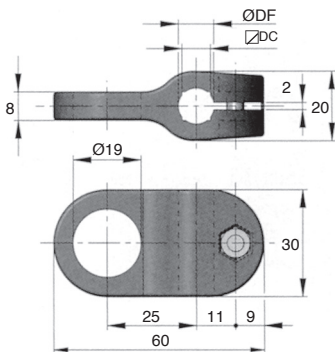
- For round or square tube
- Materials:
Body: reinforced polyamide
Screws: stainless steel

Info.

- Not sold individually, please contact us for details

Accessories

- APB-F and APB-T adjusting rods (tome 5 p.118, p.119)



DISCOUNTS

Qty	1+	30+	40+	60+
Disc.	List	-5%	-10%	On request

Part number	ØDF	√ DC	Weight (kg)	Stock*	Price each 1 to 29
NPCR-10	10	8	0,02	✓	6,21 €
NPCR-12	12	10	0,02	✓	6,09 €
NPCR-14	14	12	0,02	✓	6,63 €

*Depending on availability - Dimensions in mm

Reflector support



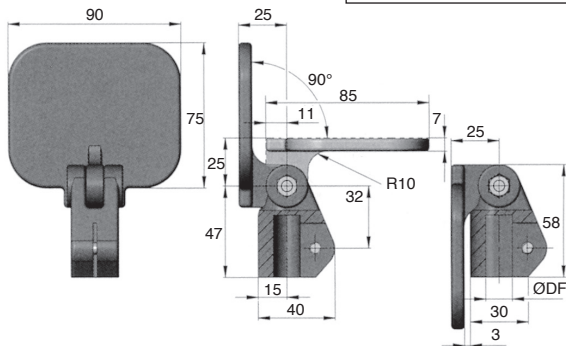
NPR

Plastic

- For round tube
- Materials:
Body: reinforced polyamide
Screws: stainless steel

Accessories

- APB-F and APB-T adjusting rods
(tome 5 p.118, p.119)



DISCOUNTS

Qty	1+	30+	40+	60+
Disc.	List	-5%	-10%	On request

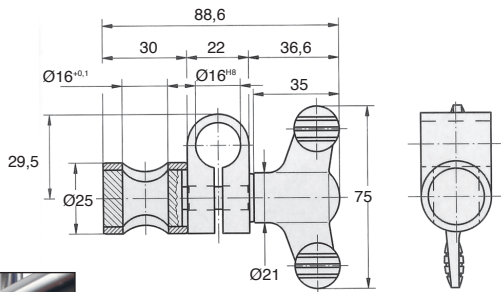
Part number	ØDF	Weight (kg)	Stock*	Price each 1 to 29
NPR-12	12	0,1	✓	24,87 €
NPR-14	14	0,1	✓	24,87 €
NPR-15	15	0,1	-	24,87 €
NPR-16	16	0,1	-	24,87 €
NPR-18	18	0,1	-	24,87 €
NPR-20	20	0,1	-	24,87 €

*Depending on availability - Dimensions in mm

- For clamping cylindrical sections (rods, tubes...)
- With wing nut
- Materials:
Wing knob: thermosetting plastic
Colour: dark grey
Clamp: high-resistance anodised aluminium
Bar and socket: shiny polished chrome-finished steel

Advantages

- Adjustable without bearing
- Wing nut style knob for quick tightening



Typical application

DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-10%	On request

Part number	For rod	Weight (kg)	Stock*	Price each 1 to 4
NSA-16	Ø16	0,150	✓	69,28 €

*Depending on availability - Dimensions in mm

Adjustable clamp



NSR

For rod or tube

- Holds cylindrical sections (rods, tubes...)

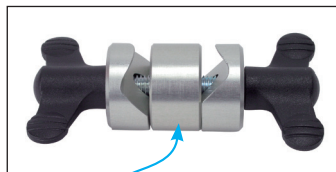
- Materials:

Wing knob: thermosetting plastic

Colour: dark grey

Screw: steel, resistance class 5.8

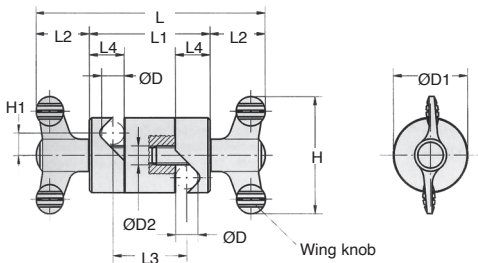
Other parts: high-resistance anodised aluminium



Aluminium

Advantages

- Each side adjusts individually, no bearing
- Simple construction using wing nuts
- Tightens quickly



Typical application

DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-10%	On request

Part number	ØD	ØD1	ØD2	L	L1	L2	L3	L4	H	H1	Weight (kg)	Stock*	Price each 1 to 4
NSR-8	8	28	M8	90	42	24	24	13	50	8,5	0,086	-	50,20 €
NSR-10	10	32	M8	100	52	24	32	15	50	9,5	0,124	✓	52,54 €
NSR-12	12	36	M8	104	56	24	34	17	50	10,5	0,157	✓	60,16 €
NSR-16	16	45	M10	142	72	35	44	22	75	13,5	0,345	✓	76,66 €
NSR-20	20	74	M10	172	102	35	62	30	75	22,0	1,110	✓	116,47 €

*Depending on availability - Dimensions in mm



Multiple junction clamp

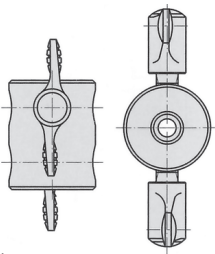
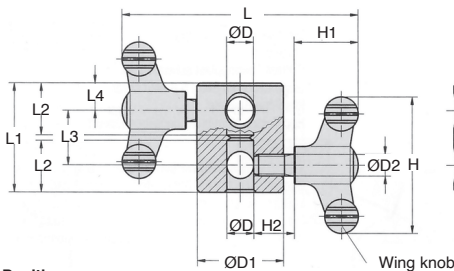
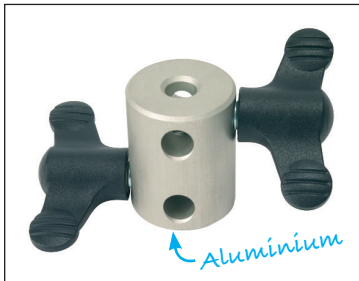
For rod or tube

NJM

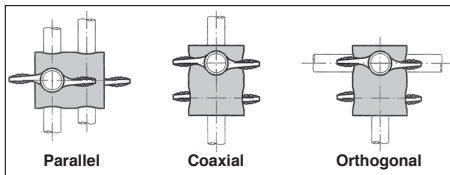
- For extending cylindrical sections, either in-line or parallel mounting
- Materials:
Wing knob: thermosetting plastic
Colour: dark grey
Screw: resistance class 5.8, yellow chromate plated steel
Body: high-resistance anodised aluminium

Advantages

- Parallel mounting arrangement can be used to strengthen a structure
- Additional holes in body allow orthogonal joints to be assembled



Positions:



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-10%	On request

Part number	ØD	ØD1	ØD2	L	L1	L2	L3	L4	H	H1	H2	Weight (kg)	Stock*	Price each 1 to 4
NJM-8	8	28	M8	89	36	17	20	8	50	24	15	0,074	-	50,19 €
NJM-10	10	32	M8	90	40	19	20	10	50	24	15	0,093	-	52,54 €
NJM-12	12	36	M8	90	44	21	20	12	50	24	15	0,118	-	60,09 €
NJM-16	16	45	M10	126	56	27	24	16	75	35	20	0,262	-	76,66 €

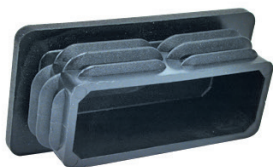
*Depending on availability - Dimensions in mm

**END CAP FOR ROUND
TUBE**



p.138

END CAP FOR TUBE



p.140

**BIPOD AND TRIPOD
SUPPORT BASE**



p.143

**FIXABLE
ARTICULATED
FOOT**



p.146

**ARTICULATED PRESSED
FEET**

**Economy
range**



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**SWIVELLING FOOT FOR
THE FOOD INDUSTRY**

**stainless
steel**



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CONVEYOR PARTS

P. 138-161

CAP FOR SQUARE TUBE



p.154

**CONICAL FLEXIBLE
SHAFT HANDLE**



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FLEXIBLE TUBE HANDLE



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End cap for square tube

Stock Pla

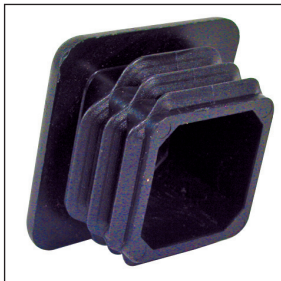
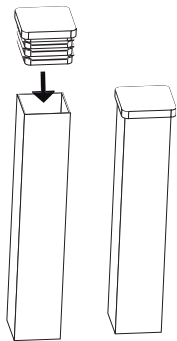
BTC

Black plastic

- Material: black technopolymer

Info.

- Dimensions are given as a guide and are subject to change
- Not sold individually, please contact us for details



DISCOUNTS

Qty	1+	60+	100+	200+
Disc. List		-5%	-10%	On request

Part number	External tube	Tube thickness	Stock*	Price each 1 to 59
BTC10	10x10	1-2	-	0,17 €
BTC12	12x12	1-2	-	0,17 €
BTC13	13x13	0,5-2	-	0,22 €
BTC15	15x15	1-2	✓	0,22 €
BTC16	16x16	1-2,5	✓	0,24 €
BTC18	18x18	1,5-3	-	0,24 €
BTC20	20x20	1-3	✓	0,24 €
BTC22	22x22	1-3	-	0,27 €
BTC25/1-3	25x25	1-3	✓	0,27 €
BTC28	28x28	1-3	-	0,57 €
BTC30/1-2,5	30x30	1-3	✓	0,57 €
BTC30/2,5-4,5	30x30	2,5-4,5	✓	0,70 €
BTC35/1-3	35x35	1-3	✓	1,05 €
BTC35/2,5-5	35x35	2,5-5	✓	1,05 €
BTC40/1-3	40x40	1-3	✓	1,40 €
BTC40/2,5-4	40x40	3-5	-	1,40 €

Part number	External tube	Tube thickness	Stock*	Price each 1 to 59
BTC40/5-5,5	40x40	4,5-5,5	✓	1,40 €
BTC45	45x45	1-3	✓	1,53 €
BTC50/1-2,5	50x50	1-2,5	✓	1,78 €
BTC50/2,6-4	50x50	2,6-4	✓	1,94 €
BTC50/3,5-6	50x50	3,5-6	✓	2,01 €
BTC60/1,5-3,5	60x60	1-3,5	✓	3,13 €
BTC60/3-5	60x60	3-5	✓	3,13 €
BTC70	70x70	2-5	✓	5,26 €
BTC80/2-4	80x80	2-4	✓	5,87 €
BTC80/3-5	80x80	2,5-5	-	6,14 €
BTC90/2-5	90x90	2-5	-	10,52 €
BTC100/1-4	100x100	1-4	✓	11,94 €
BTC100/5-8	100x100	5-8	✓	11,88 €
BTC120	120x120	2,5-6	✓	18,44 €
BTC150/5-8	150x150	5-8	-	31,23 €
BTC150/10-12,5	150x150	10-12,5	-	31,23 €

*Depending on availability - Dimensions in mm

- Material: black technopolymer

Info.

- Dimensions are given as a guide and are subject to change
- Not sold individually, please contact us for details.



DISCOUNTS

Qty	1+	60+	100+	200+
Disc.	List	-5%	-10%	On request

Part number	Ext. Ø of tube	Tube thickness		Price each 1 to 59
BTC20-10	20x10	1-2	-	0,22 €
BTC20-15	20x15	1-2	-	0,27 €
BTC25-10	25x10	1-2	-	0,34 €
BTC25-15	25x15	1-2,5	-	0,34 €
BTC25-20	25x20	1-3	-	0,34 €
BTC30-10	30x10	1-2	-	0,45 €
BTC30-15	30x15	1-3	✓	0,45 €
BTC30-20	30x20	1-3	✓	0,49 €
BTC30-25	30x25	1-3	-	On request
BTC35-10	35x10	1-2	-	On request
BTC35-20	35x20	1-3	✓	0,64 €
BTC35-25	35x25	1-3	-	On request
BTC35-30	35x30	1-1,5	-	1,40 €
BTC40-10	40x10	1,5-2	-	On request
BTC40-15	40x15	1-2	-	0,64 €
BTC40-20/1-3	40x20	1-3	-	0,85 €
BTC40-25	40x25	1-3	-	0,92 €
BTC40-30	40x30	1-3	-	0,98 €
BTC40-35	40x35	1-3	-	On request
BTC45-15	45x15	1-2	-	On request
BTC45-20	45x20	1-3	-	On request
BTC45-25	45x25	1,5-3	-	On request
BTC45-30	45x30	1-2,5	-	On request
BTC45-35	45x35	1-3,5	-	On request
BTC50-10	50x10	1-2	-	0,98 €
BTC50-20	50x20	1-3	-	1,05 €
BTC50-25	50x25	1-3	✓	1,11 €
BTC50-30/1,5-3	50x30	1,5-3	✓	1,11 €
BTC50-30/3-5	50x30	3-5	-	1,45 €
BTC50-35	50x35	1-3,5	-	On request
BTC50-40	50x40	1-3	-	1,53 €
BTC55-34	55x34	1,5-4	-	On request

Part number	Ext. Ø of tube	Tube thickness		Price each 1 to 59
BTC55-40	55x40	1,5-4	-	On request
BTC60-15	60x15	1-2	-	1,40 €
BTC60-20	60x20	1-3	-	1,45 €
BTC60-25	60x25	1-3	-	1,59 €
BTC60-30	60x30	1-3	✓	1,67 €
BTC60-35	60x35	1,5-3,5	-	On request
BTC60-40/1-3	60x40	1-3	✓	2,19 €
BTC60-40/3-5	60x40	3-5	✓	4,29 €
BTC60-50	60x50	1,5-3,5	-	3,00 €
BTC70-20	70x20	1-3,5	-	On request
BTC70-25	70x25	1-2,5	-	On request
BTC70-30	70x30	1-3	-	2,66 €
BTC70-40/1-3	70x40	1-3	-	3,13 €
BTC80-20	80x20	1-3	-	2,59 €
BTC80-30/1-2,5	80x30	1-2,5	-	2,66 €
BTC80-30/2,5-4	80x30	2,5-4	-	2,74 €
BTC80-40/1-3	80x40	1-3	✓	2,88 €
BTC80-40/3,2-5	80x40	3,2-5	-	6,53 €
BTC80-50	80x50	1,5-4	✓	6,14 €
BTC80-60/1,5-3,5	80x60	1,5-3,5	-	6,45 €
BTC80-60/3,5-5	80x60	3,5-5	-	9,05 €
BTC100-40	100x40	1,5-4	✓	7,63 €
BTC100-50/2-3	100x50	2-3	✓	7,89 €
BTC100-50/1,5-4,5	100x50	1,5-4,5	-	8,23 €
BTC120-30	120x30	1-2,5	-	8,23 €
BTC120-40/2	120x40	2	-	15,33 €
BTC120-40/3-5	120x40	3-5	-	8,75 €
BTC120-60	120x60	1,5-5	✓	9,38 €
BTC120-80/2,5	120x80	2,5	-	12,89 €
BTC120-80/5-8	120x80	5-8	✓	12,89 €
BTC140-80	140x80	2-4,5	-	16,51 €
BTC150-100	150x100	3-8	-	20,06 €

* Depending on availability - Dimensions in mm

End cap for square tube, with threaded insert **Pla**

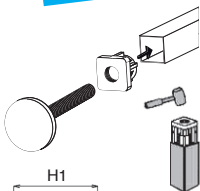
BTCM

Black plastic

- Materials:

End cap: fiberglass reinforced Polyamide
Threaded insert: nickel plated brass

Added to range

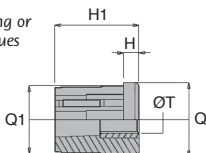


Option

- Stainless steel insert

Info.

- The values given are for static loads. For vibrating or moving loads, these values should be reduced



DISCOUNTS

Qty	1+	60+	100+	200+
Disc.	List	-5%	-10%	On request

Part number	ØT	Q	Q1	H	H1	Static load (N)	Tube dimensions	Stock*	Price each 1 to 59
BTC30/1.5-M8	M8	30	27,5	6	33	5000	30x1,5x27	-	10,25 €
BTC30/1.5-M10	M10	30	27,5	6	33	5000	30x1,5x27	✓	10,25 €
BTC30/1.5-M12	M12	30	27,5	6	33	5000	30x1,5x27	✓	10,25 €
BTC30/1.5-M14	M14	30	27,5	6	33	5000	30x1,5x27	-	10,25 €
BTC30/1.5-M16	M16	30	27,5	6	33	5000	30x1,5x27	-	10,25 €
BTC30/2-M8	M8	30	26,5	6	33	5000	30x2x26	✓	10,25 €
BTC30/2-M10	M10	30	26,5	6	33	5000	30x2x26	✓	10,25 €
BTC30/2-M12	M12	30	26,5	6	33	5000	30x2x26	-	10,25 €
BTC30/2-M14	M14	30	26,5	6	33	5000	30x2x26	-	10,25 €
BTC30/2-M16	M16	30	26,5	6	33	5000	30x2x26	-	10,25 €
BTC35/1.5-M10	M10	35	32,5	8	43	8000	35x1,5x32	-	11,01 €
BTC35/1.5-M12	M12	35	32,5	8	43	8000	35x1,5x32	✓	11,01 €
BTC35/1.5-M14	M14	35	32,5	8	43	8000	35x1,5x32	-	11,01 €
BTC35/1.5-M16	M16	35	32,5	8	43	8000	35x1,5x32	✓	11,01 €
BTC35/1.5-M20	M20	35	32,5	8	43	8000	35x1,5x32	-	11,01 €
BTC40/1.5-M8	M8	40	37,5	8	43	8000	40x1,5x37	-	11,53 €
BTC40/1.5-M10	M10	40	37,5	8	43	8000	40x1,5x37	✓	11,53 €
BTC40/1.5-M12	M12	40	37,5	8	43	8000	40x1,5x37	✓	11,53 €
BTC40/1.5-M14	M14	40	37,5	8	43	8000	40x1,5x37	-	11,48 €
BTC40/1.5-M16	M16	40	37,5	8	43	8000	40x1,5x37	✓	11,48 €
BTC40/1.5-M20	M20	40	37,5	8	43	8000	40x1,5x37	-	11,48 €
BTC40/2-M8	M8	40	36,5	8	43	10000	40x2x36	-	11,53 €
BTC40/2-M10	M10	40	36,5	8	43	10000	40x2x36	✓	11,48 €
BTC40/2-M12	M12	40	36,5	8	43	10000	40x2x36	✓	11,48 €
BTC40/2-M14	M14	40	36,5	8	43	10000	40x2x36	-	On request
BTC40/2-M16	M16	40	36,5	8	43	10000	40x2x36	✓	11,48 €
BTC40/2-M20	M20	40	36,5	8	43	10000	40x2x36	✓	11,48 €
BTC40/2,5-M8	M8	40	35,5	8	43	10000	40x2,5x35	-	11,53 €

*Depending on availability - Dimensions in mm

Part number	ØT	Q	Q1	H	H1	Static load (N)	Tube dimensions	Stock*	Price each 1 to 59
BTC40/2.5-M10	M10	40	35,5	8	43	10000	40x2,5x35	-	11,53 €
BTC40/2.5-M12	M12	40	35,5	8	43	10000	40x2,5x35	✓	11,53 €
BTC40/2.5-M14	M14	40	35,5	8	43	10000	40x2,5x35	-	11,53 €
BTC40/2.5-M16	M16	40	35,5	8	43	10000	40x2,5x35	✓	11,53 €
BTC40/2.5-M20	M20	40	35,5	8	43	10000	40x2,5x35	-	11,53 €
BTC40/3-M8	M8	40	34,5	8	43	10000	40x3x34	-	11,53 €
BTC40/3-M10	M10	40	34,5	8	43	10000	40x3x34	-	11,53 €
BTC40/3-M12	M12	40	34,5	8	43	10000	40x3x34	-	11,53 €
BTC40/3-M14	M14	40	34,5	8	43	10000	40x3x34	-	11,53 €
BTC40/3-M16	M16	40	34,5	8	43	10000	40x3x34	-	11,53 €
BTC40/3-M20	M20	40	34,5	8	43	10000	40x3x34	-	11,53 €
BTC40/4-M8	M8	40	32,5	8	43	10000	40x4x32	-	11,53 €
BTC40/4-M10	M10	40	32,5	8	43	10000	40x4x32	-	11,53 €
BTC40/4-M12	M12	40	32,5	8	43	10000	40x4x32	-	11,53 €
BTC40/4-M14	M14	40	32,5	8	43	10000	40x4x32	-	11,53 €
BTC40/4-M16	M16	40	32,5	8	43	10000	40x4x32	-	11,53 €
BTC40/4-M20	M20	40	32,5	8	43	10000	40x4x32	-	11,53 €
BTC50/1.5-M10	M10	50	47,5	11	55	8000	50x1,5x47	-	13,75 €
BTC50/1.5-M12	M12	50	47,5	11	55	8000	50x1,5x47	✓	11,48 €
BTC50/1.5-M14	M14	50	47,5	11	55	8000	50x1,5x47	-	On request
BTC50/1.5-M16	M16	50	47,5	11	55	8000	50x1,5x47	-	11,48 €
BTC50/1.5-M20	M20	50	47,5	11	55	8000	50x1,5x47	-	11,48 €
BTC50/2-M8	M8	50	46,5	11	55	12000	50x2x46	-	13,75 €
BTC50/2-M10	M10	50	46,5	11	55	12000	50x2x46	✓	13,75 €
BTC50/2-M12	M12	50	46,5	11	55	12000	50x2x46	✓	13,75 €
BTC50/2-M14	M14	50	46,5	11	55	12000	50x2x46	-	13,75 €
BTC50/2-M16	M16	50	46,5	11	55	12000	50x2x46	✓	13,75 €
BTC50/2-M20	M20	50	46,5	11	55	12000	50x2x46	-	13,75 €
BTC50/2.5-M10	M10	50	45,5	11	55	12000	50x2,5x45	-	13,75 €
BTC50/2.5-M12	M12	50	45,5	11	55	12000	50x2,5x45	✓	11,48 €
BTC50/2.5-M14	M14	50	45,5	11	55	12000	50x2,5x45	-	On request
BTC50/2.5-M16	M16	50	45,5	11	55	12000	50x2,5x45	✓	11,48 €
BTC50/2.5-M20	M20	50	45,5	11	55	12000	50x2,5x45	-	11,48 €
BTC50/3-M10	M10	50	44,5	11	55	12000	50x3x44	-	13,75 €
BTC50/3-M12	M12	50	44,5	11	55	12000	50x3x44	-	13,75 €
BTC50/3-M14	M14	50	44,5	11	55	12000	50x3x44	-	13,75 €
BTC50/3-M16	M16	50	44,5	11	55	12000	50x3x44	-	13,75 €
BTC50/3-M20	M20	50	44,5	11	55	12000	50x3x44	-	13,75 €
BTC50/4-M10	M10	50	42,5	11	55	12000	50x4x42	-	13,75 €
BTC50/4-M12	M12	50	42,5	11	55	12000	50x4x42	-	13,75 €
BTC50/4-M14	M14	50	42,5	11	55	12000	50x4x42	-	13,75 €
BTC50/4-M16	M16	50	42,5	11	55	12000	50x4x42	-	13,75 €
BTC50/4-M20	M20	50	42,5	11	55	12000	50x4x42	-	13,75 €
BTC60/2-M10	M10	60	56,5	10	55	12000	60x2x56	-	14,67 €
BTC60/2-M12	M12	60	56,5	10	55	12000	60x2x56	-	14,67 €
BTC60/2-M14	M14	60	56,5	10	55	12000	60x2x56	-	14,67 €
BTC60/2-M16	M16	60	56,5	10	55	12000	60x2x56	-	14,67 €
BTC60/2-M20	M20	60	56,5	10	55	12000	60x2x56	-	14,67 €
BTC60/3-M10	M10	60	54,5	10	55	12000	60x3x54	-	14,67 €
BTC60/3-M12	M12	60	54,5	10	55	12000	60x3x54	-	14,67 €
BTC60/3-M14	M14	60	54,5	10	55	12000	60x3x54	-	14,67 €
BTC60/3-M16	M16	60	54,5	10	55	12000	60x3x54	-	14,67 €
BTC60/3-M20	M20	60	54,5	10	55	12000	60x3x54	-	14,67 €
BTC60/4-M10	M10	60	52,5	10	55	12000	60x4x52	-	14,67 €
BTC60/4-M12	M12	60	52,5	10	55	12000	60x4x52	✓	14,67 €
BTC60/4-M14	M14	60	52,5	10	55	12000	60x4x52	-	14,67 €
BTC60/4-M16	M16	60	52,5	10	55	12000	60x4x52	-	14,67 €
BTC60/4-M20	M20	60	52,5	10	55	12000	60x4x52	-	14,67 €

*Depending on availability - Dimensions in mm

End cap for round tube with threaded insert Pla

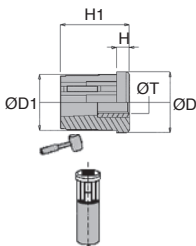
BPTR_M

Black plastic

- Materials:

Cap: Glass reinforced polyamide

Insert: Nickel brass



Option

- Stainless steel insert

Info.

- For static application only

Part number	ØT	ØD	ØD1	H	H1	Static load (N)	Tube dimensions	Stock*	Price each 1 to 59
BPTR30/1-M10	M10	30	28,5	6	35	3200	30x1x28		On request
BPTR30/1-M12	M12	30	28,5	6	35	3200	30x1x28		
BPTR30/1-M14	M14	30	28,5	6	35	3200	30x1x28		
BPTR30/1-M16	M16	30	28,5	6	35	3200	30x1x28		
BPTR38/1,5-M10	M10	38	35,5	8	43	5500	38x1,5x35		
BPTR38/1,5-M12	M12	38	35,5	8	43	5500	38x1,5x35		
BPTR38/1,5-M14	M14	38	35,5	8	43	5500	38x1,5x35		
BPTR38/1,5-M16	M16	38	35,5	8	43	5500	38x1,5x35		
BPTR42/1,5-M10	M10	42	39,5	8	42	6500	42x1,5x39		
BPTR42/1,5-M12	M12	42	39,5	8	42	6500	42x1,5x39		
BPTR42/1,5-M14	M14	42	39,5	8	42	6500	42x1,5x39		
BPTR42/1,5-M16	M16	42	39,5	8	42	6500	42x1,5x39		
BPTR42/1,5-M20	M20	42	39,5	8	42	6500	42x1,5x39		
BPTR48/1,5-M10	M10	48	45,5	11	49	8000	48x1,5x45		
BPTR48/1,5-M12	M12	48	45,5	11	49	8000	48x1,5x45		
BPTR48/1,5-M14	M14	48	45,5	11	49	8000	48x1,5x45		
BPTR48/1,5-M16	M16	48	45,5	11	49	8000	48x1,5x45		
BPTR48/1,5-M20	M20	48	45,5	11	49	8000	48x1,5x45		
BPTR50/1,5-M12	M12	50	47,5	11	49	8500	50x1,5x47		
BPTR50/1,5-M14	M14	50	47,5	11	49	8500	50x1,5x47		
BPTR50/1,5-M16	M16	50	47,5	11	49	8500	50x1,5x47		
BPTR50/1,5-M20	M20	50	47,5	11	49	8500	50x1,5x47		
BPTR60/1,5-M14	M14	60	57,5	12	50	10000	60x1,5x57		
BPTR60/1,5-M16	M16	60	57,5	12	50	10000	60x1,5x57		
BPTR60/1,5-M20	M20	60	57,5	12	50	10000	60x1,5x57		
BPTR60/1,5-M24	M24	60	57,5	12	50	10000	60x1,5x57		
BPTR60/2-M14	M14	60	56,5	12	50	10000	60x2x56		
BPTR60/2-M16	M16	60	56,5	12	50	10000	60x2x56		
BPTR60/2-M20	M20	60	56,5	12	50	10000	60x2x56		
BPTR60/2-M24	M24	60	56,5	12	50	10000	60x2x56		
BPTR60/2,5-M14	M14	60	55,5	12	50	10000	60x2,5x55		
BPTR60/2,5-M16	M16	60	55,5	12	50	10000	60x2,5x55		
BPTR60/2,5-M20	M20	60	55,5	12	50	10000	60x2,5x55		
BPTR60/2,5-M24	M24	60	55,5	12	50	10000	60x2,5x55		

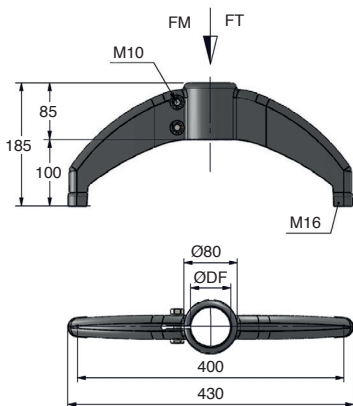
Dimensions in mm

- **Bipod support base**
- Component for conveyor structure
- For round tube
- Materials

Body: reinforced polyamide
Screws: stainless steel 304

Accessories

- Add compatible **PR** feet to order (tome 5 p.146)



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	ØDF	Max. load resistance FM (N)	Max. working load FT (N)	Weight (kg)	Price each 1 to 4
ESSB-42/NV	42,4	15800	9600	0,612	51,53 €
ESSB-48/NV	48,3	15800	9600	0,612	44,01 €
ESSB-50/NV	50,8	15800	9600	0,612	44,01 €
ESSB-60/NV	60,3	15800	9600	0,752	44,01 €

Dimensions in mm

Bipod support base



ESCB_{NV}

Plastic

- Combined bipod support part
- Component for conveyor structure
- For round tube
- Materials

Body: reinforced polyamide

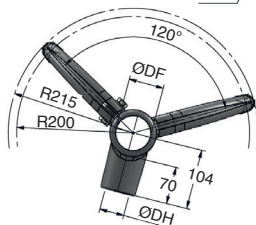
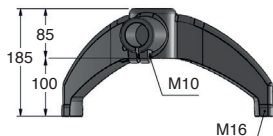
Screws: stainless steel 304

Accessories

- Add compatible PR feet to order (tome 5 p.146)



FM | FT



Typical application

DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	ØDF	ØDH	Max load resistance.FM (N)	Max. working load FT (N)	Weight (kg)	Price each 1 to 4
ESCB-42-42/NV	42,4	42,4	15800	9600	0,925	52,34 €
ESCB-48-42/NV	48,3	42,4	15800	9600	0,925	52,34 €
ESCB-48-48/NV	48,3	48,3	15800	9600	0,925	51,82 €
ESCB-50-42/NV	50,8	42,4	15800	9600	0,925	52,34 €
ESCB-50-48/NV	50,8	48,3	15800	9600	0,925	52,34 €
ESCB-60-42/NV	60,3	42,4	15800	9600	0,925	52,34 €
ESCB-60-48/NV	60,3	48,3	15800	9600	0,925	52,34 €

Dimensions in mm

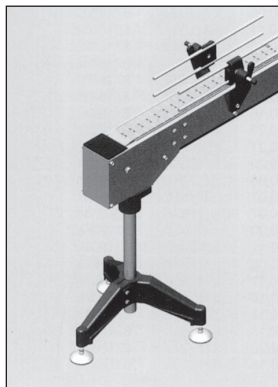
- **High stability**
- Component for conveyor structure
- For round tube
- Materials:

Body: reinforced polyamide

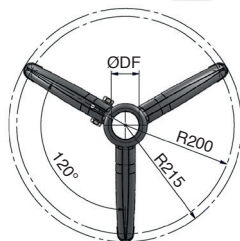
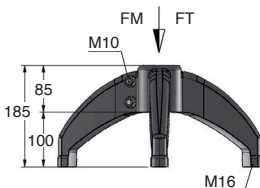
Screws: stainless steel 304

Accessories

- Add compatible **PR** feet to order (tome 5 p.146)



Typical application



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	ØDF	Max. load resistance FM (N)	Max. working load. FT (N)	Weight (kg)	Price each 1 to 4
ESST-42/NV	42,4	15800	9600	0,975	49,95 €
ESST-48/NV	48,3	15800	9600	0,975	49,95 €
ESST-50/NV	50,8	15800	9600	0,975	49,95 €
ESST-60/NV	60,3	15800	9600	0,975	49,95 €

Dimensions in mm

Fixable articulated foot Ø40 and Ø50 **Ste****Sta****Stock**

PR40 PR50

Accepts loads up to 11,000N

- Levelling foot
- Rubber anti-slip sole (NBR 70 Shore)
- Black glass fibre reinforced Polyamide base
- Threaded ball ended spindle in plated steel or stainless steel
- Nut not supplied

Advantages

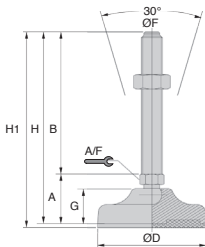
- Self aligning on floor due to use of ball ended rod
- Flexible and non-slip sole

Info.

- If subjected to vibration, the static loads given will be reduced

With non-slip sole

Steel or stainless steel spindle



DISCOUNTS

Qty	1+	20+	50+
Disc.	List	-10%	On request

Part number	ØD	Thread ØF	B	A	A/F	G	H	H1	Static load (N)	Price each 1 to 19	
Steel spindle											
PR40-6-25	40	M6	25	27	12	16,5	52	55	5000	- 5,68 €	
PR40-6-50	40	M6	50	27	12	16,5	77	80	5000	- 5,68 €	
PR40-8-50	40	M8	50	27	12	16,5	77	80	10000	✓ 6,31 €	
PR40-8-100	40	M8	100	27	12	16,5	127	130	10000	✓ 8,74 €	
PR50-10-75	50	M10	75	30	14	20,0	105	108	11000	✓ 8,51 €	
PR50-10-125	50	M10	125	30	14	20,0	155	158	11000	✓ 10,15 €	
PR50-12-75	50	M12	75	30	14	20,0	105	108	11000	✓ 9,34 €	
PR50-12-125	50	M12	125	30	14	20,0	155	158	11000	✓ 10,43 €	
PR50-16-75	50	M16	75	30	16	20,0	105	108	11000	- 10,54 €	
PR50-16-125	50	M16	125	30	16	20,0	155	158	11000	- 11,81 €	
Stainless steel spindle											
PR40-6-25/SS	40	M6	25	27	12	16,5	52	55	5000	- 8,56 €	
PR40-6-50/SS	40	M6	50	27	12	16,5	77	80	5000	- 10,82 €	
PR40-8-50/SS	40	M8	50	27	12	16,5	77	80	10000	✓ 11,83 €	
PR40-8-100/SS	40	M8	100	27	12	16,5	127	130	10000	✓ 16,86 €	
PR50-10-75/SS	50	M10	75	30	14	20,0	105	108	11000	✓ 15,76 €	
PR50-10-125/SS	50	M10	125	30	14	20,0	155	158	11000	✓ 19,40 €	
PR50-12-75/SS	50	M12	75	30	14	20,0	105	108	11000	✓ 14,51 €	
PR50-12-125/SS	50	M12	125	30	14	20,0	155	158	11000	✓ 17,73 €	
PR50-16-75/SS	50	M16	75	30	16	20,0	105	108	11000	- 16,07 €	
PR50-16-125/SS	50	M16	125	30	16	20,0	155	158	11000	- 18,91 €	

*Depending on availability- Dimensions in mm

- **Levelling foot**
- Non slip base
- Materials:
 - Base: Black glass reinforced polyamide (Shore 70)
 - Spindle: Zinc plated steel or stainless 304 steel
- Supplied without nut

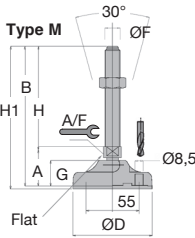
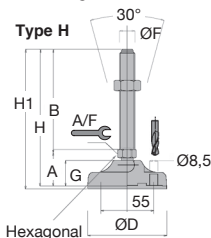
Advantages

- Articulated rod allows auto-alignment with the ground
- Sole material ensures flexibility and grip

Info.

- Values given for static, should will be reduced in case of a vibrating load

With non-slip base



DISCOUNTS

Qty	1+	20+	50+
Disc.	List -10%	On request	

Part number	ØD	Thread		B	A	A/F	G	H	H1	Static load (N)	Type	Price each
		ØF	B									
Steel spindle												
PR85-12-75	83	M12	75	38	14	27	113	116	15000	H	✓	11,45 €
PR85-12-125	83	M12	125	38	14	27	163	166	15000	H	✓	12,79 €
PR85-16-75	83	M16	75	38	16	27	113	116	20000	H	✓	12,04 €
PR85-16-150	83	M16	150	38	16	27	188	191	20000	H	✓	14,16 €
PR85-16-200	83	M16	200	38	16	27	238	241	20000	H	✓	15,59 €
PR85-20-125	83	M20	125	41	17	27	166	169	20000	M	✓	13,11 €
PR85-20-175	83	M20	175	41	17	27	216	219	20000	M	✓	14,98 €
PR85-20-225	83	M20	225	41	17	27	266	269	20000	M	✓	17,02 €
Stainless steel spindle												
PR85-12-75/SS	83	M12	75	38	14	27	113	116	15000	H	✓	19,44 €
PR85-12-125/SS	83	M12	125	38	14	27	163	166	15000	H	✓	22,37 €
PR85-16-75/SS	83	M16	75	41	13	27	116	119	20000	M	✓	19,44 €
PR85-16-150/SS	83	M16	150	41	13	27	191	194	20000	M	✓	23,84 €
PR85-16-200/SS	83	M16	200	41	13	27	241	244	20000	M	✓	26,79 €
PR85-20-125/SS	83	M20	125	41	17	27	166	169	20000	M	✓	27,25 €
PR85-20-175/SS	83	M20	175	41	17	27	216	219	20000	M	✓	32,10 €
PR85-20-225/SS	83	M20	225	41	17	27	266	269	20000	M	-	38,79 €

*Depending on availability - Dimensions in mm

Fixable articulated foot Ø103

Stock Ste Sta

PR105

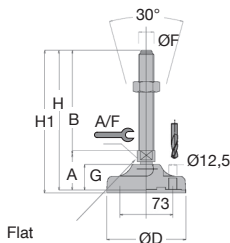
Maximum load 25,000N

- Levelling foot
- Non slip base
- Materials:
 - Base: Black glass reinforced polyamide (Shore 70)
 - Spindle: Zinc plated steel or stainless 304 (nut not supplied)

Info.

- Values given for static loads will be reduced in case of a vibrating load

With non-slip base



DISCOUNTS

Qty	1+	20+	50+
Disc.	List -10%	On request	

Part number	ØD	Thread ØF	B	A	A/F	G	H	H1	Static load (N)	Price each	
										Stock*	1 to 19
Steel spindle											
PR105-16-75	103	M16	75	51	20	32	126	129	25000	✓	19,19 €
PR105-16-150	103	M16	150	51	20	32	201	204	25000	✓	23,08 €
PR105-16-225	103	M16	225	51	20	32	276	279	25000	✓	28,44 €
PR105-20-125	103	M20	125	51	20	32	176	179	25000	✓	19,44 €
PR105-20-200	103	M20	200	51	20	32	251	254	25000	✓	23,06 €
PR105-20-250	103	M20	250	51	20	32	301	304	25000	✓	28,44 €
PR105-24-125	103	M24	125	51	20	32	176	179	25000	✓	19,44 €
PR105-24-200	103	M24	200	51	20	32	251	254	25000	✓	23,06 €
PR105-24-250	103	M24	250	51	20	32	301	304	25000	-	28,44 €
Stainless steel spindle											
PR105-16-75/SS	103	M16	75	51	20	32	126	129	25000	✓	34,11 €
PR105-16-150/SS	103	M16	150	51	20	32	201	204	25000	✓	45,13 €
PR105-16-225/SS	103	M16	225	51	20	32	276	279	25000	✓	58,08 €
PR105-20-125/SS	103	M20	125	51	20	32	176	179	25000	-	39,45 €
PR105-20-200/SS	103	M20	200	51	20	32	251	254	25000	-	54,17 €
PR105-20-250/SS	103	M20	250	51	20	32	301	304	25000	✓	62,89 €
PR105-24-125/SS	103	M24	125	51	20	32	175	178	25000	-	39,45 €
PR105-24-200/SS	103	M24	200	51	20	32	250	253	25000	-	54,17 €
PR105-24-250/SS	103	M24	250	51	20	32	300	303	25000	-	62,89 €

*Depending on availability - Dimensions in mm

- **Swivelling mounting foot with steel mounting plate**

- **Materials:**

Base - chromed steel plate

Threaded shaft - chromed steel

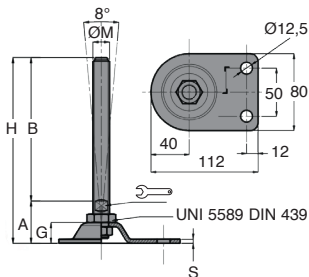
Usage

- The threaded shaft is free to rotate
- A nut under the mounting base allows both rotation and angular inclination ($\pm 4^\circ$) movement to be restricted and means these feet can be used to support posts with recessed holes or mounting plates used with a nut and locknut.
- Angular blocking reduces noise and any lever effect on the mountings (avoids risk of being pulled out)

Advantage

- Ideal for floor mounting robots and also increased speed of production

Economical



DISCOUNTS

Qty	1+	6+	10+	15+	20+
Disc.	List	-5%	-10%	-15%	On request

Part number	ØM	B	S	A	SW	G	H	Static load (N)	Price each 1 to 5
PARF80-16-150	M16	150	3	39,5	13	19	189,5	20000	19,11 €
PARF80-16-200	M16	200	3	39,5	13	19	239,5	20000	20,40 €
PARF80-20-150	M20	150	3	40,5	17	19	190,5	20000	21,88 €
PARF80-20-200	M20	200	3	40,5	17	19	240,5	20000	23,77 €

Dimensions in mm

Articulated pressed steel feet Ø10

PARF110

Maximum load 30,000N

- **Swivelling mounting foot with steel mounting plate**

- **Materials:**

Base - chromed steel plate

Threaded shaft - chromed steel

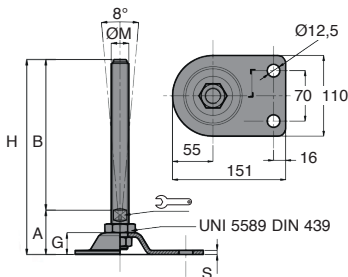
Usage

- The threaded shaft is free to rotate
- A nut under the mounting base allows both rotation and angular inclination ($\pm 4^\circ$) movement to be restricted and means these feet can be used to support posts with recessed holes or mounting plates used with a nut and locknut.
- Angular blocking reduces noise and any lever effect on the mountings (avoids risk of being pulled out)

Advantage

- Ideal for floor mounting robots and also increased speed of production

Economical



DISCOUNTS

Qty	1+	6+	10+	15+	20+
Disc.	List	-5%	-10%	-15%	On request

Part number	ØM	B	S	A	SW	G	H	Static load (N)	Price each 1 to 5
PARF110-16-150	M16	150	4	41	17	19	191	25000	22,00 €
PARF110-16-200	M16	200	4	41	17	19	241	25000	23,21 €
PARF110-20-150	M20	150	4	42	17	19	192	25000	24,66 €
PARF110-20-200	M20	200	4	42	17	19	242	25000	26,70 €
PARF110-24-150	M24	150	4	43	20	19	193	30000	29,25 €
PARF110-24-200	M24	200	4	43	20	19	243	30000	32,24 €

Dimensions in mm

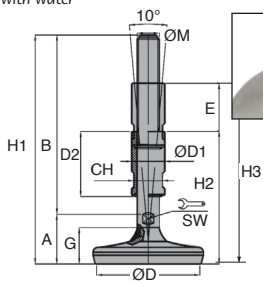
- "Teknohygienic" swivelling foot
- Materials:
 - Base: stainless steel 304
 - Stem: stainless steel 304
 - Sole: NBR rubber Shore hardness 90°

Advantages

- The 3-A standard designates products that are designed for the dairy, food and pharmaceutical industries where strict hygiene rules apply.
- Smooth finished foot with a wiper seal between the stem and the nut and around the swivel to prevent accumulation of dirt or retention of water
- Suitable for cleaning with water or chemicals
- USDA approved

For the food industry
stainless steel

Avoids water retention



DISCOUNTS

Qty	1+	6+	10+
Disc.	List	-5%	On request

Part number	ØM	Adjustable range E	A	B	ØD	SW	ØD1	ØD2	G	CH	H1	H2	H3	Static load (N)	Price each 1 to 5
PTK80-16-140/SS	M16	45	53	140	80	13	24	60	25	20	193	114	159	20000	95,45 €
PTK80-16-190/SS	M16	70	53	190	80	13	24	85	25	20	243	139	209	20000	114,59 €
PTK80-20-140/SS	M20	45	53	140	80	17	30	60	25	26	193	114	159	20000	100,23 €
PTK80-20-142/SS	M20	55	53	142	80	17	30	70	25	26	195	123	178	20000	103,55 €
PTK80-20-190/SS	M20	70	53	190	80	17	30	85	25	26	243	139	209	20000	115,62 €
PTK80-24-140/SS	M24	45	53	140	80	20	35	60	25	30	193	114	159	20000	108,97 €
PTK80-24-190/SS	M24	70	53	190	80	20	35	85	25	30	243	139	209	20000	123,53 €
PTK100-16-140/SS	M16	45	56	140	100	13	24	60	28	20	196	117	162	25000	100,02 €
PTK100-16-190/SS	M16	70	56	190	100	13	24	85	28	20	246	142	212	25000	119,17 €
PTK100-20-140/SS	M20	45	56	140	100	17	30	60	28	26	196	117	162	25000	104,82 €
PTK100-20-190/SS	M20	70	56	190	100	17	30	85	28	26	246	142	212	25000	120,18 €
PTK100-24-140/SS	M24	45	56	140	100	20	35	60	28	30	196	117	162	25000	113,54 €
PTK100-24-190/SS	M24	70	56	190	100	20	35	85	28	30	246	142	212	25000	128,12 €
PTK100-30-135/SS	M30	40	56	135	100	26	42	60	28	36	191	117	157	25000	124,77 €
PTK100-30-185/SS	M30	65	56	185	100	26	42	85	28	36	241	142	207	25000	136,40 €

Dimensions in mm

- "Teknohygienic" swivelling foot

- Materials:

Base: stainless steel 304

Stem: stainless steel 304

Blind nut: stainless steel 304

- Sole: NBR rubber Shore hardness 90°

Advantages

- The 3-A standard designates products that are designed for the dairy, food and pharmaceutical industries where strict hygiene rules apply.

- Smooth finished foot with a wiper seal between the stem and the nut and around the swivel to prevent accumulation of dirt or retention of water

- Suitable for cleaning with water or chemicals

- USDA approved

Info.

- Do not forget to order

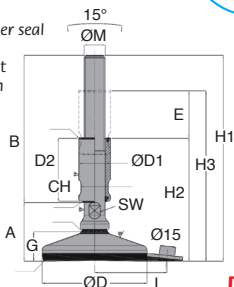
the **PTKF-M12/SS**

3-A approved blind nut

For the food industry

Avoids water retention

stainless steel



Blind M12 nut

DISCOUNTS

Qty	1+	6+	10+
Disc.	List	-5%	On request

Part number	Adjustable range	ØM	E	A	B	ØD	SW	ØD1	D2	CH	H2	H3	H1	I	Static load (N)	Price each 1 to 5
PTKF80-16-140/SS	M16	45	53	140	80	13	24	60	20	114	159	193	54	20000	115,89 €	
PTKF80-16-190/SS	M16	70	53	190	80	13	24	85	20	139	209	243	54	20000	119,17 €	
PTKF80-20-140/SS	M20	45	53	140	80	17	30	60	26	114	159	193	54	20000	104,82 €	
PTKF80-20-142/SS	M20	55	53	142	80	17	30	70	26	123	178	195	54	20000	108,15 €	
PTKF80-20-190/SS	M20	70	53	190	80	17	30	85	26	139	209	243	54	20000	120,18 €	
PTKF80-24-140/SS	M24	45	53	140	80	20	35	60	30	114	159	193	54	20000	108,85 €	
PTKF80-24-190/SS	M24	70	53	190	80	20	35	85	30	139	209	243	54	20000	128,12 €	
PTKF100-16-140/SS	M16	45	56	140	100	13	24	60	20	117	162	196	69	25000	105,83 €	
PTKF100-16-190/SS	M16	70	56	190	100	13	24	85	20	142	212	246	69	25000	124,99 €	
PTKF100-20-140/SS	M20	45	56	140	100	17	30	60	26	117	162	196	69	25000	110,64 €	
PTKF100-20-190/SS	M20	70	56	190	100	17	30	85	26	142	212	246	69	25000	126,02 €	
PTKF100-24-140/SS	M24	45	56	140	100	20	35	60	30	117	162	196	69	25000	119,38 €	
PTKF100-24-190/SS	M24	70	56	190	100	20	35	85	30	142	212	246	69	25000	133,93 €	
PTKF100-30-135/SS	M30	40	56	135	100	26	42	60	36	117	157	191	69	25000	130,59 €	
PTKF100-30-185/SS	M30	65	56	185	100	26	42	85	36	142	207	241	69	25000	142,24 €	

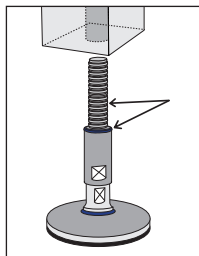
Blind M12 nut

PTKF-M12/SS	M12															14,93 €
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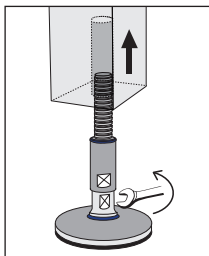
Dimensions in mm

Stainless steel swivelling foot

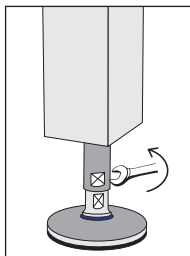
Mounting instructions



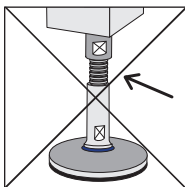
Grease the seal and thread with food-grade grease



Set the height of the foot by adjusting the screw (whilst not attached to the machine)

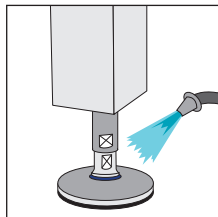


Adjust the sleeve in order to bring the upper seal into contact with the bottom of the machine

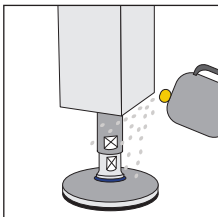


The thread must be completely covered by the sleeve

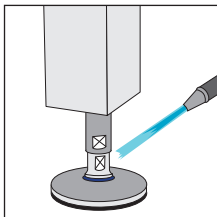
Advice on cleaning



Rinse with water (Max. temperature 40°C)



Apply an alkaline detergent (Max. temperature 90°C) and leave to act for 10 min



Rinse with water at 8-12 bar (max. 100°C) using a jet inclined at 45° at a minimum distance of 300 mm to avoid damage to the seals

Stainless steel cap for square tube

BTCW

To be welded

- Cap for welding to square

- Material:

Stainless steel (304)

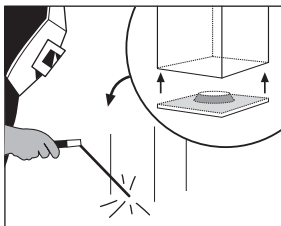
stainless steel



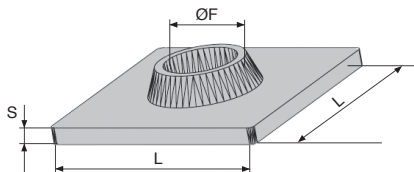
Advantages

- Corrosion resistant

- Shock resistant



Typical application



DISCOUNTS

Qty	1+	60+	100+	200+
Disc. List	-5%	-10%	On request	

Part number	L	S	ØF	Stock*	Price each 1 to 59
BTCW35-35-M12/SS	35	3	M12	-	5,66 €
BTCW35-35-M16/SS	35	3	M16	-	5,66 €
BTCW35-35-M20/SS	35	3	M20	-	5,66 €
BTCW40-40-M12/SS	40	3	M12	-	5,88 €
BTCW40-40-M16/SS	40	3	M16	✓	5,78 €
BTCW40-40-M20/SS	40	3	M20	✓	6,03 €
BTCW50-50-M12/SS	50	3	M12	-	7,08 €
BTCW50-50-M16/SS	50	3	M16	-	7,10 €
BTCW50-50-M20/SS	50	3	M20	-	7,02 €
BTCW60-60-M12/SS	60	3	M12	-	8,46 €
BTCW60-60-M16/SS	60	3	M16	-	8,48 €
BTCW60-60-M20/SS	60	3	M20	-	8,40 €

*Depending on availability - Dimensions in mm

To be welded**BPTRW****- Cap for welding to round tube**

- Material:

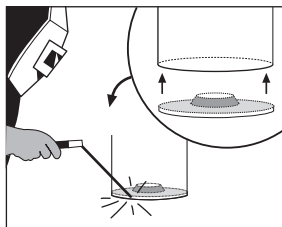
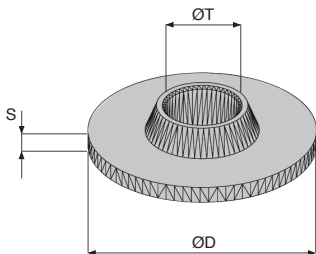
Stainless steel (304)

Advantages

- Corrosion resistant

- Shock resistant

stainless steel

**Typical application****DISCOUNTS**

Qty	1+	60+	100+	200+
Disc.	List	-5%	-10%	On request

Part number	ØD	S	ØT	Price each
				1 to 59
BPTRW42-M16/SS	42	3	M16	5,85 €
BPTRW42-M20/SS	42	3	M20	5,99 €
BPTRW48-M16/SS	48	3	M16	7,10 €
BPTRW48-M20/SS	48	3	M20	7,42 €
BPTRW50-M16/SS	50	3	M16	7,23 €
BPTRW50-M20/SS	50	3	M20	8,02 €
BPTRW60-M16/SS	60	3	M16	8,18 €
BPTRW60-M20/SS	60	3	M20	9,03 €

Dimensions in mm

Conical flexible shaft handle Ø20

New

PSPE20

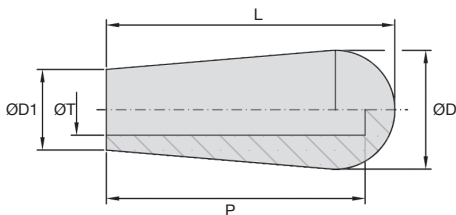
For shafts Ø6 to Ø12

Conical handle

- Smooth blind hole
- Working T°: 0°C to +70°C
- Material:
Black PVC

Assembly

- Fit using a mallet, no adhesive required



DISCOUNTS

Qty	1+	60+	100+	200+
Disc. List	-5%	-10%	On request	

Part number	ØD	ØD1	ØT	L	P	Weight (g)	Price each 1 to 59
PSPE20-43-6	20	14	6	43	40	11	1,78 €
PSPE20-43-7	20	14	7	43	40	10	1,68 €
PSPE20-43-8	20	14	8	43	40	10	1,62 €
PSPE20-43-10	20	14	10	43	40	9	1,56 €
PSPE20-43-12	20	14	12	43	40	8	1,50 €

Dimensions in mm

New

Conical flexible shaft handle Ø22

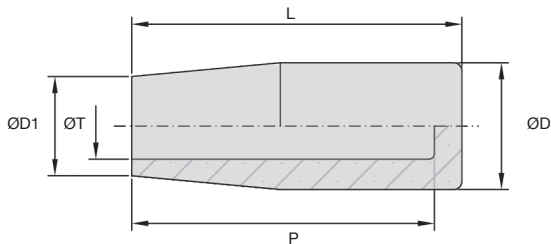
For shafts Ø7 to Ø14

PSPE22**Conical handle**

- Smooth blind hole
- Working T°: 0°C to +70°C
- Material:
Black PVC

Assembly

- Fit using a mallet, no adhesive required

**DISCOUNTS**

Qty	1+	60+	100+	200+
Disc. List		-5%	-10%	On request

Part number	ØD	ØD1	ØT	L	P	Weight (g)	Price each 1 to 59
PSPE22-60-7	22	17	7	60	58	24	2,82 €
PSPE22-60-8	22	17	8	60	58	23	2,63 €
PSPE22-60-9	22	17	9	60	58	23	2,54 €
PSPE22-60-10	22	17	10	60	58	22	2,48 €
PSPE22-60-12	22	17	12	60	58	21	2,36 €
PSPE22-60-14	22	17	14	60	58	20	2,30 €

Dimensions in mm

Flexible tube handle

Stock

PSPD18

For tubes Ø12 to Ø22

Knurled cylindrical handle

- Smooth blind hole
- Working T°: 0°C to +70°C
- Material:
Black PVC

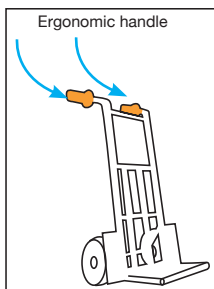


Assembly

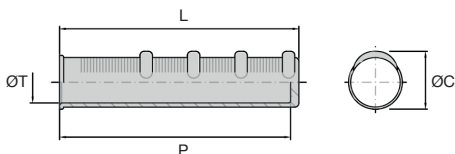
- Fit using a mallet, no adhesive required

Advantages

- Ergonomic handle for excellent grip



Typical application



DISCOUNTS

Qty	1+	60+	100+	200+
Disc.	List	-5%	-10%	On request

Part number	L	ØT	ØC	P	Weight (g)	Stock*	Price each
						1 to 59	
PSPD18-118-12	118	12	28	113	52	✓	4,31 €
PSPD18-118-14	118	14	28	113	45	-	4,00 €
PSPD18-118-16	118	16	28	113	40	✓	3,61 €
PSPD18-118-18	118	18	28	113	35	✓	3,24 €
PSPD18-118-20	118	20	28	113	28	✓	2,48 €
PSPD18-118-21	118	21	28	113	26	-	2,30 €
PSPD18-118-22	118	22	28	113	22	✓	2,11 €
PSPD18-118-22L	118	22	28	113	19	-	2,17 €

*Depending on availability - Dimensions in mm

Knurled cylindrical handle

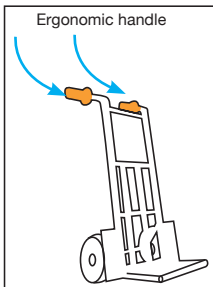
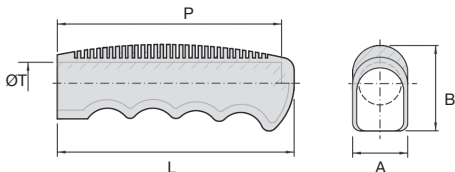
- Smooth blind hole
- Working T°: 0°C to +70°C
- Material:
Black PVC

Assembly

- Fit using a mallet, no adhesive required

Advantages

- Ergonomic handle for excellent grip



Typical application

DISCOUNTS

Qty	1+	60+	100+	200+
Disc. List	-5%	-10%	On request	

Part number	L	A	B	ØT	P	Weight (g)	Stock*	Price each
							1 to 59	
PSPD40-112-18	112	26	40	18	106	49	✓	4,68 €
PSPD40-112-22	112	26	40	22	106	47	✓	4,68 €

*Depending on availability - Dimensions in mm

Flexible tube handle



PSPT

For Ø18 - Ø33 tubes

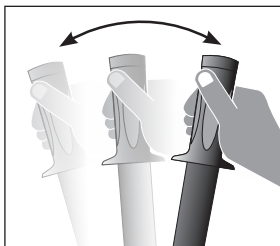
- Tube handle with collar
- Smooth interior
- Material:
Black PVC

Assembly

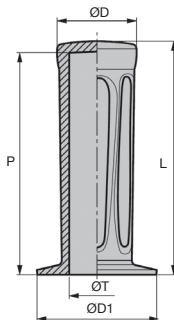
- Fit using a mallet,
no adhesive required

Advantages

- Resists oil, shocks and low temperatures
- Good grip



Typical application



DISCOUNTS

Qty	1+	60+	100+	200+
Disc.	List	-5%	-10%	On request

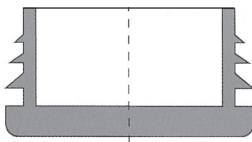
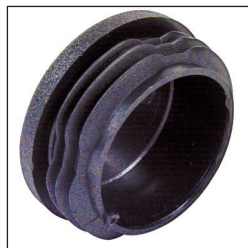
Part number	Tube ØT	L	ØD	ØD1	P	Weight (g)	Stock*	Price each 1 to 59
PSPT18-115	18-19	115	31	44	110	62	✓	3,22 €
PSPT20-115	20-21	115	31	44	110	56	✓	2,84 €
PSPT22-115	22-23	115	31	44	110	46	✓	2,46 €
PSPT24-125	24-25	125	36	49	120	72	✓	3,67 €
PSPT26-125	26	125	36	49	120	60	✓	3,22 €
PSPT27-125	27-28	125	36	49	120	50	✓	3,10 €
PSPT29-125	29	125	36	49	120	50	✓	3,10 €
PSPT30-130	30	130	42	51	125	92	✓	3,67 €
PSPT33-130	33	130	42	51	125	74	✓	3,22 €

*Depending on availability - Dimensions in mm

- Material: black technopolymer

Info.

- Dimensions are given as a guide and are subject to change
- Not sold individually, please contact us for details



DISCOUNTS

Qty	1+	60+	100+	200+
Disc.	List	-5%	-10%	On request

Part number	External tube Ø	Tube thickness	Stock*	Price each 1 to 59	Part number	External tube Ø	Tube thickness	Stock*	Price each 1 to 59
BPTR-10	10	1-2	✓	0,17 €	BPTR-40	40	1-3	✓	1,11 €
BPTR-12	12	1-2	✓	0,17 €	BPTR-42/1-2	42	1-2	✓	1,24 €
BPTR-13	13	1-2	-	0,17 €	BPTR-42/3-6	42	3-6	-	1,32 €
BPTR-14	14	1-2	✓	0,22 €	BPTR-45	45	1-3	✓	2,19 €
BPTR-15	15	1-2	✓	0,34 €	BPTR-48	48	1,2-3,6	✓	2,19 €
BPTR-16	16	1-2	✓	0,22 €	BPTR-50	50	1-2,5	✓	2,19 €
BPTR-18	18	1-2	✓	0,27 €	BPTR-52	52	1,5-3,5	-	2,43 €
BPTR-19	19	1-2,5	-	0,24 €	BPTR-55	55	1-3	-	2,59 €
BPTR-20	20	1-2,5	✓	0,27 €	BPTR-60/1,5-3	60	1,5-3	✓	3,19 €
BPTR-21	21	1-2	✓	0,27 €	BPTR-60/3-5	60	3-5	-	3,29 €
BPTR-22	22	1-2	-	0,27 €	BPTR-65	65	1,5-3,5	-	3,35 €
BPTR-23	23	1-2,5	-	0,27 €	BPTR-70	70	1-3,5	-	3,43 €
BPTR-25	25	1-3	✓	0,34 €	BPTR-76	76	1,6-4	✓	3,89 €
BPTR-27	27	1-3	✓	0,45 €	BPTR-80	80	1,5-3	-	4,02 €
BPTR-28	28	1-2	✓	0,45 €	BPTR-90	90	1,5-5	-	6,39 €
BPTR-30	30	1-2,5	✓	0,57 €	BPTR-95	95	1,5-4	-	9,17 €
BPTR-32	32	1-3	-	0,70 €	BPTR-100	100	2-4,5	-	7,01 €
BPTR-34	34	1-3	✓	0,76 €	BPTR-102	102	2-4	-	7,27 €
BPTR-35	35	1-3	-	0,92 €	BPTR-105	105	2-4,5	-	7,63 €
BPTR-36	36	1-3	✓	0,92 €	BPTR-110	110	2-4,5	-	8,50 €
BPTR-38	38	1-3	✓	0,98 €	BPTR-120	120	2-4	-	10,32 €

*Depending on availability - Dimensions in mm

BRUSHES



p.164

MODULAR CYLINDRICAL BRUSH



p.171

SEALING BRUSH STRIP



p.176

BRUSHES

P. 164-189

SEALING BRUSH STRIP



p.181



ANTISTATIC BRUSH



p.186



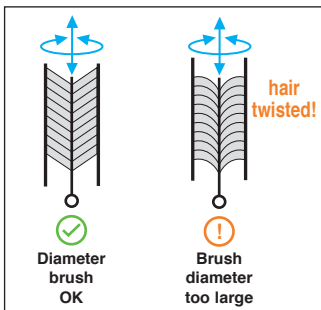
- Hand brushes are used for manual cleaning, scouring, dust removal, stripping, descaling, honing or deburring operations on cylindrical surfaces: inside tubes, bottles, pin holes, rivet holes, tapped holes, secant holes, etc.
- These brushes can be used in a wide range of industries: mechanical (machine tools, maintenance), food processing, pharmaceutical and medical.

In practice

- Scrub the walls of the element to be cleaned using a rotating and back-and-forth motion.

Advice

- To prevent the bristles of the brush from twisting, we recommend that you choose one that the diameter is 10 to 15% larger than the diameter of the hole you wish to clean.



It's the end of the brush that works, not the edge.
It needs room to stand up straight

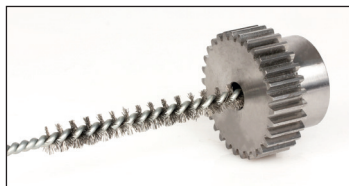
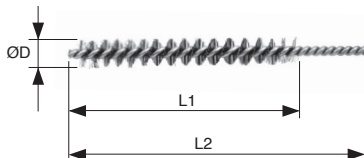
Ebavurrage et décapage pour contact avec inox

GPLSS

- Goupillons d'ébavurrage inox
- Matières :
Torsade acier galvanisé
Garnissage inox

Applications

- Ebavurrage de trou de goupillon, de trou de rivetage, de trou taraudé, de trous sécants
- Nettoyage de corps creux (tube, bouteille, trou)
- Nettoyage de zone difficilement accessible
- Déroutillage
- Décrassage
- Décapage



Ebavurrage de l'alésage d'un engrenage

REMISES

Qté	1+	10+	25+	50+
Rem. Prix	-5%	-10%	Sur demande	

Références	Diamètre brosse ØD	Longueur brosse L1	Longueur totale L2	Stock*	Prix Uni. 1 à 9
GPL5-100/SS	5	100	300	✓	12,23 €
GPL8-100/SS	8	100	300	✓	10,46 €
GPL10-100/SS	10	100	300	✓	9,55 €
GPL12-100/SS	12	100	300	✓	9,55 €
GPL15-100/SS	15	100	300	✓	9,67 €
GPL20-100/SS	20	100	300	✓	10,70 €
GPL25-100/SS	25	100	300	✓	10,11 €

*Dans la limite du disponible - Dimensions en mm

- Deburring and cleaning brush for all materials

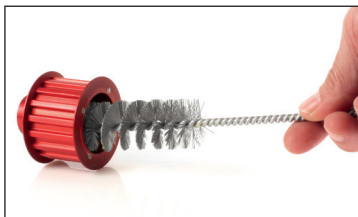
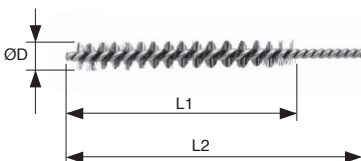
- Materials:

- Twisted galvanised steel
- Galvanized steel twist
- Steel covering



Applications

- Deburring of pin holes, rivet holes, tapped holes, intersecting holes
- Cleaning of hollow containers (tubes, bottles, holes)
- Cleaning of hard-to-reach areas
- Removing rust
- Cleaning
- Stripping



Stripping of a pulley bore

DISCOUNTS

Qty	1+	10+	25+	50+
Disc. List	-5%	-10%	On request	

Part number	Brush diameter ØD	Brush length L1	Total length L2	Stock*	Price each 1 to 9
GPL5-100/AC	5	100	300	✓	12,42 €
GPL8-100/AC	8	100	300	-	8,07 €
GPL10-100/AC	10	100	300	✓	8,07 €
GPL12-100/AC	12	100	300	-	8,22 €
GPL15-100/AC	15	100	300	-	8,53 €
GPL20-100/AC	20	100	300	-	10,08 €
GPL25-100/AC	25	100	300	-	10,08 €

*Depending on availability - Dimensions in mm

For deburring and stripping softer materials

GPL_{BR}

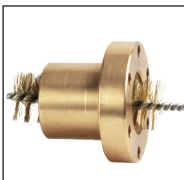
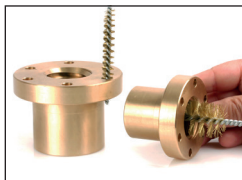
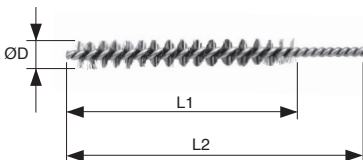
- Deburring and stripping brushes for aluminium, bronze and brass

- Materials:

- Twisted galvanised steel
- Brass covering

Applications

- Deburring of pin holes, rivet holes, tapped holes, intersecting holes
- Cleaning of hollow containers (tubes, bottles, holes)
- Cleaning of hard-to-reach areas
- Removing rust
- Cleaning
- Stripping



Deburring a trapezoidal nut

DISCOUNTS

Qty	1+	10+	25+	50+
Disc.	List	-5%	-10%	On request

Part number	Brush diameter ØD	Brush length L1	Total length L2	Stock*	Price each 1 to 9
GPL5-100/BR	5	100	300	✓	12,23 €
GPL8-100/BR	8	100	300	-	10,24 €
GPL10-100/BR	10	100	300	-	9,22 €
GPL12-100/BR	12	100	300	✓	9,28 €
GPL15-100/BR	15	100	300	✓	9,28 €
GPL20-100/BR	20	100	300	✓	9,84 €
GPL25-100/BR	25	100	300	✓	9,84 €

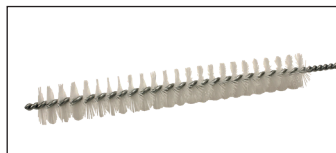
*Depending on availability - Dimensions in mm

- Deburring brushes for soft materials

- Materials:

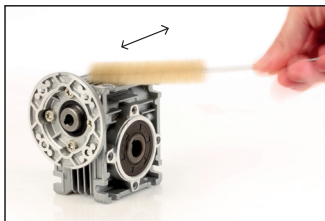
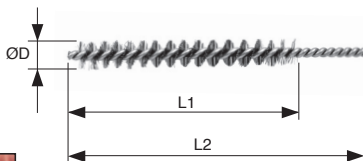
Twisted galvanised steel

Nylon covered



Applications

- Gentle cleaning of hollow containers (tubes, bottles, holes)
- Gentle cleaning of hard-to-reach areas



Cleaning the cooling fins of a gearbox

DISCOUNTS

Qty	1+	10+	25+	50+
Disc.	List	-5%	-10%	On request

Part number	Brush diameter ØD	Brush length L1	Total length L2	Stock*	Price each 1 to 9
GPL4-100/NY	4	100	300	✓	7,76 €
GPL6-100/NY	6	100	300	✓	5,11 €
GPL8-100/NY	8	100	300	✓	5,14 €
GPL10-100/NY	10	100	300	✓	5,18 €
GPL12-100/NY	12	100	300	✓	5,21 €
GPL15-100/NY	15	100	300	✓	5,27 €
GPL20-100/NY	20	100	300	✓	5,32 €
GPL25-100/NY	25	100	300	✓	5,41 €
GPL30-100/NY	30	100	300	✓	5,59 €
GPL40-100/NY	40	100	300	✓	5,79 €

*Depending on availability - Dimensions in mm

- Brushes for the cleaning and removal of dust

- Materials:

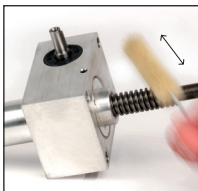
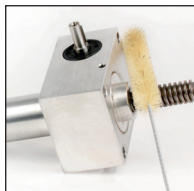
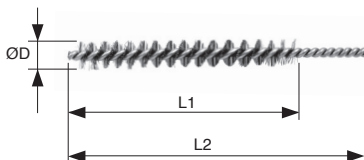
Twisted galvanised steel
Hog bristle silk covering

Application

- Cleaning of hollow containers (tubes, bottles, holes)
- Cleaning of hard-to-reach areas

Advantage

- Anti-static



Cleaning of hard-to-reach areas

DISCOUNTS

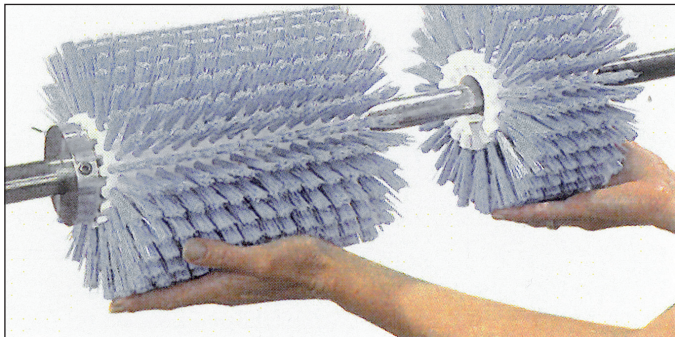
Qty	1+	10+	25+	50+
Disc.	List	-5%	-10%	On request

Part number	Brush diameter ØD	Brush length L1	Total length L2	Stock*	Price each 1 to 9
GPL15-100/SO	15	80	300	✓	8,53 €
GPL20-100/SO	20	80	300	-	10,08 €
GPL25-100/SO	25	80	300	✓	8,99 €

*Depending on availability - Dimensions in mm

Modular cylindrical brush

Introduction



Info.

These perforated roller brushes are suitable for many applications such as washing, conveying, dusting or transport.

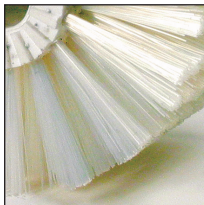
Each brush is 100mm long, longer lengths can be achieved by mounting several brushes on the same shaft. Teeth on the end of each brush ensure a quick and firm fitting. A driving collar is required at each end to hold the brushes in place and to ensure correct rotation.

Bristles

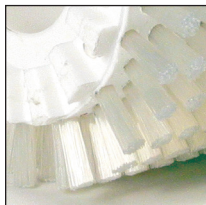
Different applications will require different combinations of bristle material and length. PBT polyester bristles are available in 2 different lengths for washing and transport applications, horsehair or Tampico is more suitable for dusting.

Density

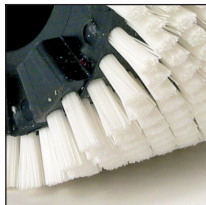
Each brush is available with different bristle densities; low, medium or high (see photos).



Low bristle density



Medium bristle density



High bristle density



Modular cylindrical brush Tampico bristles

For dusting applications

BCM_{TP}

- Suitable for dusting removal
- Brushes can be attached together to form longer brushes
- Materials:
 - Bristles: tampico
 - Body: polypropylene
 - Stitching wire: stainless steel 316L
- Bristle height 50 mm

new driving profile



Advantages

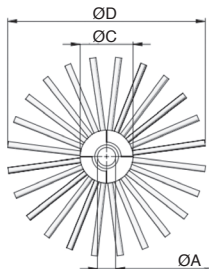
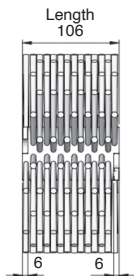
- Antistatic
- Tampico can be used in wet environments
- Very high abrasion resistance
- Very good sweeping power

Info.

- Not sold individually, please contact us for details

Accessory

- Driving collar BCM-T (tome 5 p.175)



DISCOUNTS

Qty	1+	6+	10+
Disc.	List	-5%	On request

Part number	External ØD	Body ØC	Bore ØA	Bristle density	No. of teeth	No. of rows	Price each 1 to 5
BCM30-130M/TP	130	30	12	medium	1	8	On request
BCM58-155M/TP	155	58	20	medium	2	24	On request
BCM78-180M/TP	180	78	30	medium	2	32	On request
BCM108-210M/TP	210	108	40	medium	2	40	On request

Dimensions in mm

Modular cylindrical brush **PBT polyester bristles**

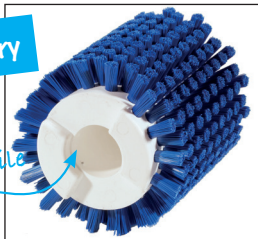
BCMPBT

For transport applications

- Suitable for moving products
- Brushes can be attached together to form longer brushes
- Materials:
 - Bristles: blue PBT polyester
 - Body: polypropylene
 - Stitching wire: stainless steel 316L
- Bristle diameter 0.35 mm
- Bristle height 15 mm

Food industry

new driving profile



Advantages

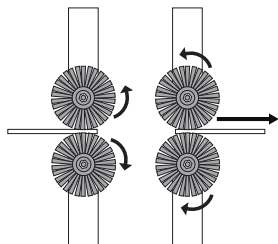
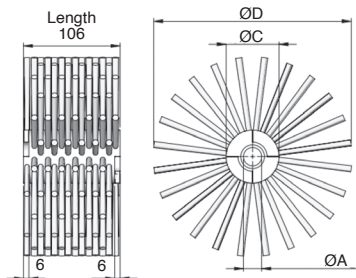
- Does not collect moisture
- Bristles resist up to 120°C
- Recommended for use in food industries

Info.

- Not sold individually, please contact us for details

Accessory

- Driving collar **BCM-T** (tome 5 p.175)



DISCOUNTS

Qty	1+	6+	10+
Disc.	List	-5%	On request

Part number	External ØD	Body ØC	Bore ØA	Bristle density	No. of teeth	No. of rows	Price each 1 to 5
BCM30-60H/PBT	60	30	12	high	1	16	154,20 €
BCM58-85H/PBT	85	58	20	high	2	32	51,62 €
BCM78-110H/PBT	110	78	30	high	2	48	62,96 €
BCM108-140H/PBT	140	108	40	high	2	56	73,70 €

Dimensions in mm



Modular cylindrical brush **PBT polyester bristles**

For washing applications

BCM_{PBT}

- Suitable for washing products
- Brushes can be attached together to form longer brushes
- Materials:
 - Bristles: blue PBT polyester
 - Body: polypropylene
 - Stitching wire: stainless steel 316L
- Bristle diameter 0.50 mm
- Bristle height 50 mm

Advantages

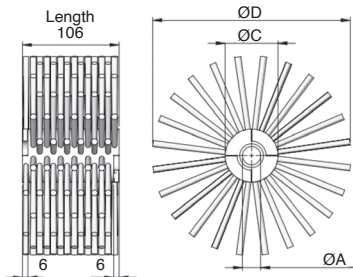
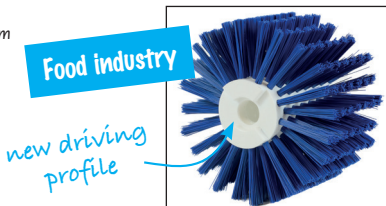
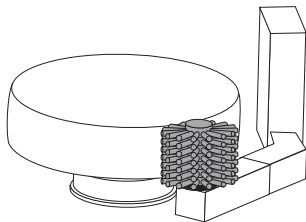
- Does not collect moisture
- Bristles resist up to 120°C
- Recommended for use in food industries

Info.

- Not sold individually, please contact us for details

Accessory

- Driving collar BCM-T (tome 5 p.175)



DISCOUNTS

Qty	1+	6+	10+
Disc.	List	-5%	On request

Part number	External ØD	Body ØC	Bore ØA	Bristle density	No. of teeth	No. of rows	Price each 1 to 5
BCM30-130M/PBT	130	30	12	medium	1	16	151,89 €
BCM58-155M/PBT	155	58	20	medium	2	24	41,73 €
BCM58-155B/PBT	155	58	20	low	2	16	35,85 €
BCM78-180M/PBT	180	78	30	medium	2	32	47,49 €
BCM78-180B/PBT	180	78	30	low	2	24	40,95 €
BCM108-210M/PBT	210	108	40	medium	2	40	57,17 €
BCM108-210H/PBT	210	108	40	low	2	32	49,98 €

Dimensions in mm

Modular cylindrical brush Horsehair bristles



BCM_{CC}

For dusting applications

- Suitable for dusting removal
- Brushes can be attached together to form longer brushes
- Materials:
 - Bristles: horsehair
 - Body: polypropylene
 - Stitching wire: stainless steel 316L
- Antistatic
- Bristle height 50 mm

Use in dry environments

new driving profile



Advantages

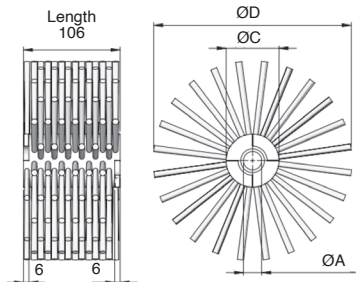
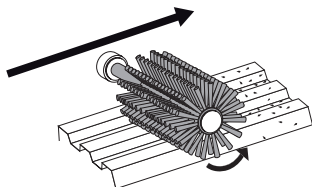
- Horsehair is less responsive, less rigid, and less abrasive than Tampico
- Recommended for use in for dry environments

Info.

- Not sold individually, please contact us for details

Accessory

- Driving collar BCM-T (tome 5 p.175)



DISCOUNTS

Qty	1+	6+	10+
Disc.	List	-5%	On request

Part number	External ØD	Body ØC	Bore ØA	Bristle density	No. of teeth	No. of rows	Price each 1 to 5
BCM30-130M/CC	130	30	12	medium	1	8	153,18 €
BCM58-155M/CC	155	58	20	medium	2	24	65,41 €
BCM78-180M/CC	180	78	30	medium	2	32	79,15 €
BCM108-210M/CC	210	108	40	medium	2	40	96,68 €

Dimensions in mm



Driving collar for BCM cylindrical brush

BCM_T

- **Driver for BCM cylindrical brush**

- **Materials:**
Glass fiber reinforced polypropylene (PP)

Usage

- Required for holding brushes in place and to ensure rotation

How to choose

- Brush and collar should have identical body and bore diameters irrespective of bristle density.
Two collars required per application.

Info.

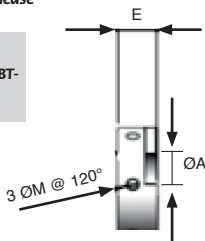
- Not sold individually, please contact us for details

Accessory

- Brushes BCM-TP, BCM-PBT-BCM-CC (tome 5 p.171 to p. 174)



new driving profile



DISCOUNTS

Qty	1+	6+	10+
Disc.	List	-5%	On request

Part number	Body ØC	Bore ØA	ØM	E	Bristle density	No. of teeth	Price each 1 to 5
BCM30-T	30	12	M6	18,5	high	1	69,49 €
					medium		
					low		
BCM58-T	58	20	M6	18,5	high	2	28,06 €
					medium		
					low		
BCM78-T	78	30	M6	18,5	high	2	28,49 €
					medium		
					low		
BCM108-T	108	40	M8	25	high	2	39,98 €
					medium		
					low		

Dimensions in mm

Sealing brush strip



STRIP 1m

Straight **rigid** support **1 metre**

- Provides a seal for the bottoms of doors, gates or roller shutters
- Prevents rodent entry
- Materials:
 - Frame: anodised aluminium
 - Brush: black polypropylene fibres with anti-UV treatment

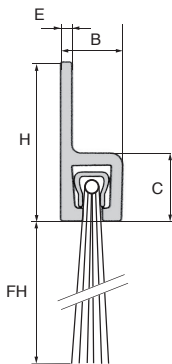
Option

- Can be modified to order (subject to min quantity)

Aluminium strip



Can be modified to order



DISCOUNTS

Qty	1+	6+	25+	50+
Disc.	List	-10%	-15%	On request

Part number	Length (mm)	FH	H	B	C	E	Stock*	Price each 1 to 5
STRIP3-15-1000	1000	15	15	6,2	6,5	1,2	✓	14,05 €
STRIP3-20-1000	1000	20	15	6,2	6,5	1,2	✓	15,13 €
STRIP3-25-1000	1000	25	15	6,2	6,5	1,2	✓ New	16,53 €
STRIP5-25-1000	1000	25	25	8	8	1,2	✓	17,11 €
STRIP5-30-1000	1000	30	25	8	8	1,2	✓	17,71 €
STRIP5-40-1000	1000	40	25	8	8	1,2	✓ New	20,87 €
STRIP5-50-1000	1000	50	25	8	8	1,2	✓ New	22,16 €
STRIP8-40-1000	1000	40	50	13	13	2	✓	26,88 €
STRIP8-60-1000	1000	60	50	13	13	2	✓	33,08 €
STRIP8-80-1000	1000	80	50	13	13	2	✓	37,44 €
STRIP8-120-1000	1000	120	50	13	13	2	✓ New	69,59 €
STRIP8-150-1000	1000	150	50	13	13	2	✓ New	80,39 €

*Depending on availability - Dimensions in mm

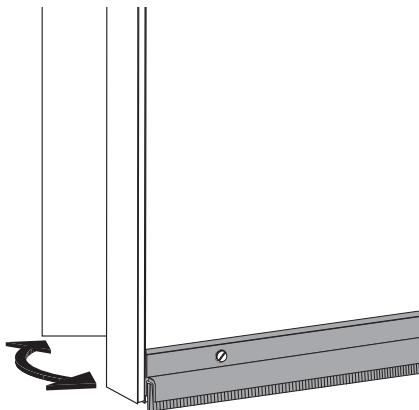
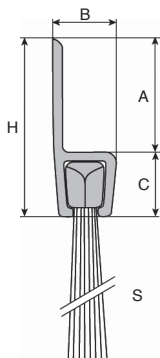
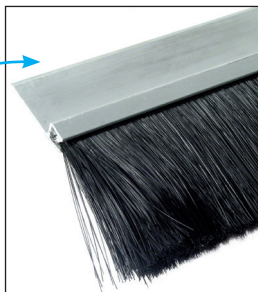
Straight rigid support 3 meters

STRIP
3m

- Provides a seal to the bottoms of doors, gates or roller shutters
- Prevents rodent entry
- Materials :
Frame : anodized aluminium
Brush : black polypropylene fibres

Aluminium strip

Can be modified to order



DISCOUNTS

Qty	1+	4+	6+	10+
Disc.	List	-10%	-15%	On request

Part number	Length L (mm)	A	B	C	H	S	Stock*	Price each 1 to 3
STRIP5-25	3000	17	8,0	8	25	25	✓	51,42 €
STRIP8-80	3000	37	12,6	13	50	80	✓	112,49 €

*Depending on availability - Dimensions in mm

Sealing brush strip



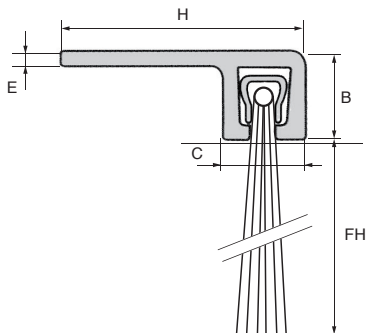
STRIP Right angled rigid support 1 meter

1M

- Provides a seal for the bottoms of doors, gates or roller shutters
- Prevents rodent entry
- Material :
 Frame : anodised aluminium
 Brush : black polypropylene fibres with anti-UV treatment

Option

- Can be modified to order (subject to min quantity)



DISCOUNTS

Qty	1+	6+	25+	50+
Disc.	List	-10%	-15%	On request

Part number	Length (mm)	FH	H	B	C	E	Stock*	Price each 1 to 5
STRIP3-15F-1000	1000	15	15	6,5	6,5	1,2	✓	14,05 €
STRIP3-20F-1000	1000	20	15	6,5	6,5	1,2	✓	15,13 €
STRIP5-25F-1000	1000	25	25	8	8	1,2	✓	17,11 €
STRIP5-30F-1000	1000	30	25	8	8	1,2	✓	17,71 €
STRIP8-40F-1000	1000	40	50	13	13	2	✓	26,88 €
STRIP8-60F-1000	1000	60	50	13	13	2	✓	33,08 €
STRIP8-80F-1000	1000	80	50	13	13	2	✓	37,44 €

*Depending on availability - Dimensions in mm

Full range of **CASTORS**

on HPCEUROPE.COM



- Steel or stainless steel
- With or without a brake
- High temperatures
- Alternative wheel materials
- Range of mounting plates

Sealing brush strips

FBL

Advantages and applications

Advantages



- No wastage, only the length required is removed from the roll.
- Reduced storage/transport space, each box contains 25 metres.



- Special scissors allow the strip to be cut to the required length.

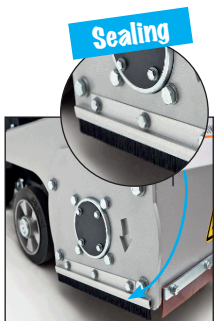


- Flexible in terms of positioning and fitting.

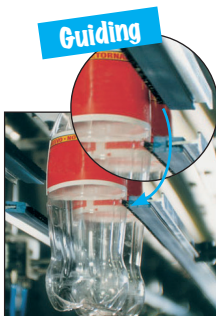
Applications



- Splash guard for wheel arches on a lorry



- Waterproofness of floor cleaning machines



- Guiding PET bottles



Brush strip **horsehair fibres** Ø0.2

For ensuring a seal up to 125°C

FBL6000
FBL6001

Brush strip to cut to desired length.

Uses

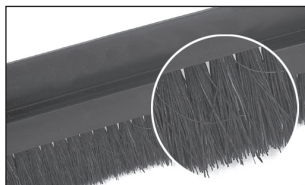
- Sealing
- Cable entries
- Guiding parts

Materials

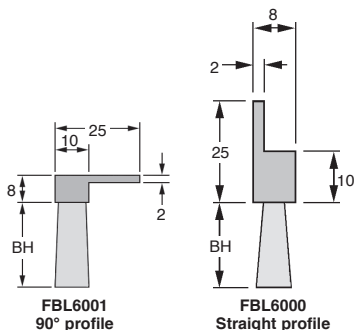
- **Fibres:** Horsehair. No risk of static charge, excellent for dusting, brushing, sealing and for applying liquids (can be used as paintbrush)
 - **Support:** Thermoplastic rubber. Good UV and ozone resistance. Practically unaffected by most chemicals.
- Maximum temperature: +150°C
Working temperature: -40 to +125°C

Info.

- Sold in 5 metre lengths.
 - Maximum length of a single brush is 25 metres.
 - Special scissors for cutting to length
- FBL-TOOL**



Horsehair fibres



DISCOUNTS

Qty	1+	2+	5+
Disc.	List	-10%	On request

Part number	Bristle diameter (mm)	BH	Length	Stock*		Price each	
				Straight profile	90° profile	Straight profile	90° profile
Black horsehair							
FBL6000-K19	0,2	15	5m	✓	-	69,53 €	-
FBL6000-K20	0,2	20	5m	-	-	On request	-
FBL6000-K21	FBL6001-K21	0,2	25	5m	-	On request	On request
FBL6000-K23	FBL6001-K23	0,2	40	5m	-	On request	On request
FBL6000-K24	FBL6001-K24	0,2	50	5m	-	On request	On request

Tools

FBL-TOOL	Cutting scissors	211,41 €
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*Depending on availability - Dimensions in mm

Brush strip **PA6 fibres** Ø0.2 to Ø0.3 Stock

FBL6000 FBL6001

For ensuring a sealing indoor

Brush strip to cut to desired length.

Uses

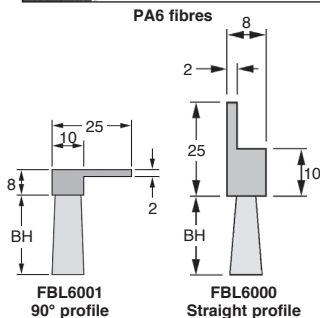
- Sealing
- Cable entries
- Guiding parts

Materials

- **Fibres:** Polyamide PA6. Standard material for brushes used for cleaning, transporting, guiding or sealing moving pieces.
- **Working temperature:** -20 to 100°C
- **Support:** Thermoplastic rubber. Good UV and ozone resistance. Practically unaffected by most chemicals.
- **Working temperature:** -40 to +125°C

Info.

- Sold in 5 metre lengths.
 - Maximum length of a single brush is 25 metres.
 - Special scissors for cutting to length
- FBL-TOOL**



DISCOUNTS

Qty	1+	2+	5+
Disc.	List	-10%	On request

Part number		Bristle diameter (mm)	BH	Length	Stock*		Price each		
Straight profile	90° profile				Straight profile	90° profile	Straight profile	90° profile	
Black Polyamide 6 (PA6) fibres									
FBL6000-K1	FBL6001-K1	0,2	10	5m	✓	-	53,03 €	On request	
FBL6000-K2	FBL6001-K2	0,2	15	5m	✓	✓	54,39 €	54,39 €	
FBL6000-K3	FBL6001-K3	0,2	20	5m	✓	-	56,00 €	On request	
FBL6000-K4	-	0,2	25	5m	✓	-	57,62 €	-	
FBL6000-K5	FBL6001-K5	0,2	30	5m	✓	-	59,23 €	On request	
FBL6000-K7	-	0,3	15	5m	-	-	On request	-	
FBL6000-K8	-	0,3	20	5m	-	-	On request	-	
FBL6000-K9	-	0,3	25	5m	-	-	On request	-	
FBL6000-K10	-	0,3	30	5m	✓	-	59,23 €	-	
FBL6000-K11	-	0,3	40	5m	✓	-	62,63 €	-	
FBL6000-K12	-	0,3	50	5m	✓	-	65,87 €	-	

Tools

FBL-TOOL	Cutting scissors	211,41 €
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*Depending on availability - Dimensions in mm



Brush strip PA6 fibres Ø0.3 to Ø0.5

For ensuring a sealing indoor

FBL4004
FBL4005

Brush strip to cut to desired length.

Uses

- Sealing
- Cable entries
- Guiding parts

Materials

- **Fibres:** Polyamide PA6. Standard material for brushes used for cleaning, transporting, guiding or sealing moving pieces.

Working temperature: -20 to 100°C

- **Support:** Thermoplastic rubber. Good UV and ozone resistance. Practically unaffected by most chemicals.

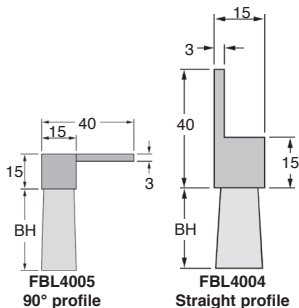
Working temperature: -40 to +125°C

Info.

- Sold in 5 metre lengths.
- Maximum length of a single brush is 25 metres.
- Special scissors for cutting to length **FBL-TOOL**



PA6 fibres



DISCOUNTS

Qty	1+	2+	5+
Disc.	List	-10%	On request

Part number	Bristle diameter (mm)	BH	Length	Stock*		Price each		
				Straight profile	90° profile	Straight profile	90° profile	
FBL4004-K8	-	0,3	20	5m	-	-	On request	-
FBL4004-K9	-	0,3	30	5m	-	-	On request	-
FBL4004-K13	-	0,5	30	5m	✓	-	161,27 €	-
FBL4004-K14	-	0,5	40	5m	-	-	On request	-
FBL4004-K15	-	0,5	50	5m	-	-	On request	-
FBL4004-K18	FBL4005-K15	0,5	80	5m	✓	✓	211,75 €	211,75 €

Tools

FBL-TOOL	Cutting scissors	211,41 €
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*Depending on availability - Dimensions in mm

Brush strip **PP fibres** Ø0.2



FBL6000 For ensuring a sealing outdoor FBL6001

Brush strip to cut to desired length.

Uses

- Sealing
- Cable entries
- Guiding parts

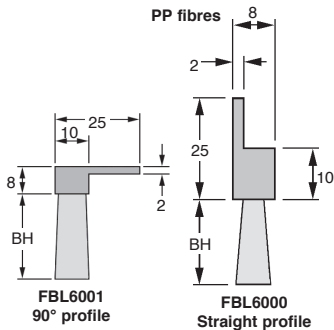
Materials

- **Fibres:** Polypropylene. No water absorption, good resistance to chemicals... Working temperature: -20 (occasional) to 80°C
- **Support:** Thermoplastic rubber. Good UV and ozone resistance. Practically unaffected by most chemicals. Working temperature: -40 to +125°C

Info.

- Sold in 5 metre lengths.
- Maximum length of a single brush is 25 metres.
- Special scissors for cutting to length

FBL-TOOL



DISCOUNTS

Qty	1+	2+	5+
Disc.	List	-10%	On request

Part number	Straight profile	90° profile	Bristle diameter (mm)	BH	Length	Stock*		Price each	
						Straight profile	90° profile	Straight profile	90° profile
Black horsehair									
FBL6000-K13	FBL6001-K13		0,2	10	5m	✓	✓	48,68 €	48,68 €
FBL6000-K14	FBL6001-K14		0,2	15	5m	✓	-	49,15 €	On request
FBL6000-K15	FBL6001-K15		0,2	20	5m	✓	-	49,58 €	On request
FBL6000-K17	FBL6001-K17		0,2	30	5m	-	-	On request	50,97 €
FBL6000-K18	FBL6001-K18		0,2	40	5m	✓	✓	52,11 €	52,11 €

Tools

FBL-TOOL	Cutting scissors	211,41 €
----------	------------------	----------

*Depending on availability - Dimensions in mm

For ensuring a sealing outdoor

FBL4004
FBL4005

Brush strip to cut to desired length.

Uses

- Sealing
- Cable entries
- Guiding parts

Materials

- **Fibres:** Polypropylene. No water absorption, good resistance to chemicals...
Working temperature: -20 (occasional) to 80°C
- **Support:** Thermoplastic rubber.
Good UV and ozone resistance. Practically unaffected by most chemicals.
Working temperature: -40 to +125°C

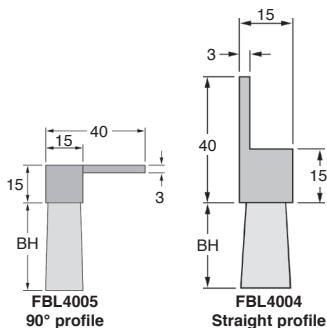
Info.

- Sold in 5 metre lengths.
- Maximum length of a single brush is 25 metres.
- Special scissors for cutting to length

FBL-TOOL



PP fibres



DISCOUNTS

Qty	1+	2+	5+
Disc.	List	-10%	On request

Part number	Bristle diameter (mm)	BH	Length	Stock*		Price each		
				Straight profile	90° profile	Straight profile	90° profile	
Black Polyamide 6 (PA6) fibres								
FBL4004-K34	-	0,3	30	5m	-	-	On request	-
FBL4004-K35	-	0,3	40	5m	-	-	On request	-
FBL4004-K36	FBL4005-K31	0,3	50	5m	-	✓	On request	147,48 €
FBL4004-K37	FBL4005-K32	0,3	60	5m	✓	-	150,19 €	On request
FBL4004-K38	-	0,3	70	5m	✓	-	165,05 €	-

Tools

FBL-TOOL	Cutting scissors	211,41 €
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*Depending on availability - Dimensions in mm

Antistatic brush

Stock

ABL With specially woven steel bristles

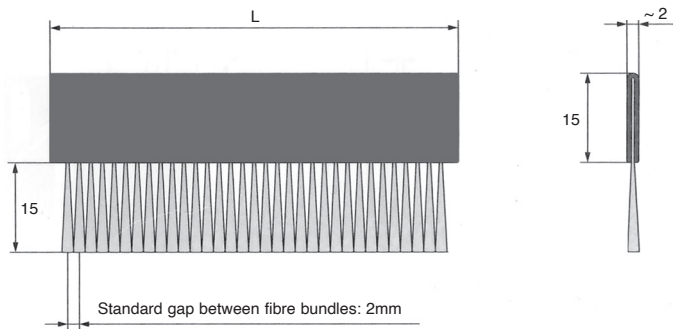
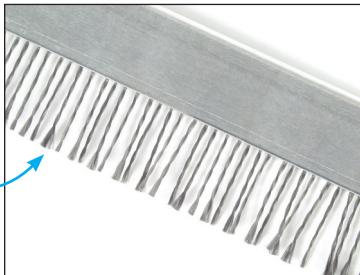
- Standard version

- Materials:

Spine: aluminium (unpainted)

Bristles: Specially woven steel

Woven steel
bristles



DISCOUNTS

Qty	1+	4+	6+	10+
Disc.	List -10%	-15%	On request	

Part number	Length L (mm)	Fibre material	Fibre Ø (mm)	Stock*	Price each 1 to 3
ABL100005-K1	1000	Steel	0,012	✓	55.08 €

*Depending on availability - Dimensions in mm

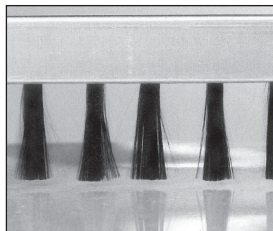
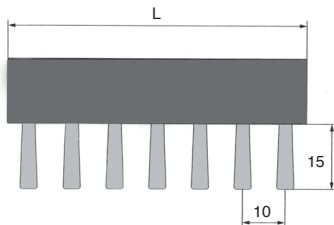
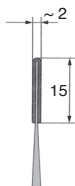
- For very sensitive surfaces
- Material:
 - Spine: aluminium (unpainted)
 - Bristles: carbon fibre

Reliable discharge

- Antistatic brushes with carbon fibre bristles are ideal for the puncture testing of cables and plastic-coated metals.
- These tests can be even carried out on very sensitive materials.
- Tests are very reliable and even the tiniest pinholes are detected
- Since the carbon fibres are conductors, they can also be used to apply a voltage to the surface of the material being transported.



For very sensitive surfaces



Typical application:

Puncture testing of cables and plastic-coated metals

DISCOUNTS

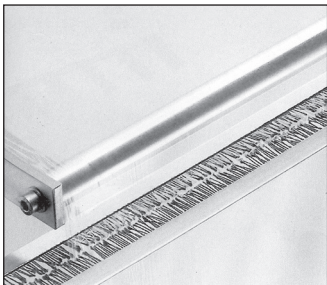
Qty	1+	4+	6+	10+
Disc.	List	-10%	-15%	On request

Part number	Length L (mm)	Fibre material	Fibre Ø (mm)	Stock*	Price each 1 to 3
ABL100000-K1	1000	Carbone	0,007	✓	26,52 €

*Depending on availability - Dimensions in mm

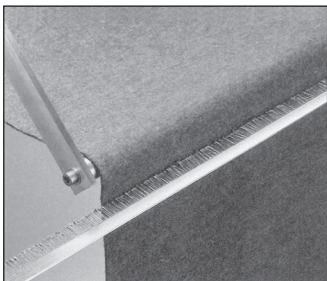
Safe manufacture of plastic films and fabrics

- **Safe manufacture of plastic films and fabrics**
- Antistatic brushes are used on film manufacturing machines at conveyor junctions to eliminate static. They are used on both entry and exit points thus reducing the build-up or transfer of the static charge.



The electrostatic charge is eliminated at the same place it is generated

- **Automated staking of cloth**
- When cloth or other similar material is being stacked, the build-up of static can cause the cloth to stick and thus disrupt the formation of a tidy stack.
- Antistatic brushes eliminate the electrostatic charge on the stacking arm to ensure a perfectly formed stack



A brush mounted directly on the stacking arm means accurate sheet positioning and tidy stacking

Avoiding the generation of high voltages and uncontrolled discharges

Antistatic brushes: effective protection against electrostatic charges.

Two surfaces rubbing together or being separated quickly can generate an electrostatic charge. It is an annoying secondary phenomenon that can be very dangerous with extremely high voltages being generated. Most often, parts being moved are seen to stick together. Incidents such as this can cause costly disruption to the manufacturing process with accidental discharges causing damage to electronic components, or even the risk of sparks being generated and causing explosions

Antistatic brushes offer a reliable means of protection as they can either prevent a static charge being generated or, if one does exist, by providing a predetermined discharge path.

Antistatic brushes comprise an aluminium spine to which carbon fibres or thin steel bristles are fixed.

How they work

The static charge is collected by the bristles and transmitted to the aluminium spine which is connected by a low impedance cable ($\varnothing 2.5\text{mm}^2 \text{ min.}$) to the electrical control panel or distribution system.

The normal electrical earthing of the machine is not sufficient.

Assembly

Brushes should be fitted directly after the area where static will be generated, both above and below the band if plastic films or similar products are being handled. If the level of static is high, two or more brushes with different spacings might be required at each point. The fibres should only just touch the surface to be discharged, typically a gap or 1 to 2mm has been shown to be the most effective



SEALING STRIP



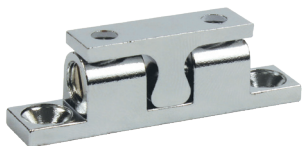
p.192

SPRING LOADED LATCH



p.196

BALL CATCH



p.202

QUARTER TURN LATCH



p.204

FACE-MOUNTED HINGE



p.212

STYLISH SCREW HINGE



p.217

ACCESSORY HOUSING

P. 192-237

**HEAVY DUTY PLASTIC
HINGE**



p.222

PIANO HINGE



p.226

**SCREW-ON LIFT-OFF
HINGE**



p.232

**SQUARE HINGE
WITH RIVETED PIN
NOT DRILLED**



p.235

Linear sealing strip



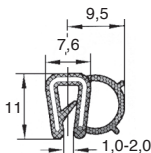
RJA

PVC / EPDM

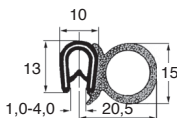
- Linear sealing strip supplied by the roll
- Can be clipped to sheet metal or thin panels

Characteristics of EPDM

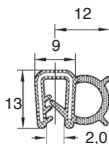
- Hardness 30 to 90 Shore A
- Working temperature: -35°C to +120°C
- Very good resistance to ozone, acid, hot water, and ageing
- Almost impermeable to gas
- Good alkaline resistance
- Not resistant to oils or diesel
- Flammable



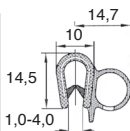
RJA00-28



RJA10-11



RJAA0-02



RJAA0-01

DISCOUNTS for 5m

Qty	1+	5+	50+
Disc.	List	-10%	On request

DISCOUNTS for 50-100m

Qty	1+	3+	6+
Disc.	List	-10%	On request

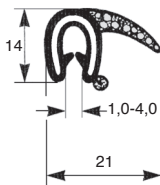
Part number	Material	Supplied in rolls of	Stock*	Price each
RJA00-28/5	Black EPDM	5 metres	✓	44,50 €
RJA00-28/50	Black EPDM	50 metres	-	356,82 €
RJA10-11/5	Black PVC / EPDM	5 metres	✓	54,97 €
RJAA0-01/5	Black PVC / EPDM	5 metres	✓	71,86 €
RJAA0-01/50	Black PVC / EPDM	50 metres	-	570,56 €
RJAA0-02/5	Black EPDM	5 metres	✓	61,71 €
RJAA0-02/50	Black EPDM	50 metres	-	489,45 €

*Depending on availability - Dimensions in mm

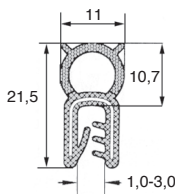
- Linear sealing strip supplied by the roll
- Can be clipped to sheet metal or thin panels

Characteristics of EPDM

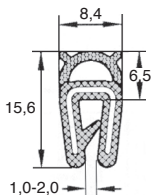
- Hardness 30 to 90 Shore A
- Working temperature: -35°C to +120°C
- Very good resistance to ozone, acid, hot water, and ageing
- Almost impermeable to gas
- Good alkaline resistance
- Not resistant to oils or diesel
- Flammable



RJA10-03



RJA10-10



RJA00-25

DISCOUNTS for 5m DISCOUNTS for 25m & 50m

Qty	1+	5+	50+	Qty	1+	3+	6+
Disc.	List	-10%	Request	Disc.	List	-10%	On request

Part number	Material	Supplied in rolls of	Stock*	Price each
RJA10-03/5	Black EPDM	5 metres	✓	51,98 €
RJA10-03/50	Black EPDM	50 metres	-	136,89 €
RJA10-10/5	Black EPDM	5 metres	✓	57,36 €
RJA10-10/25	Black EPDM	25 metres	✓	210,22 €
RJA00-25/5	Black EPDM	5 metres	✓	51,98 €
RJA00-25/50	Black EPDM	50 metres	✓	416,51 €

*Depending on availability - Dimensions in mm

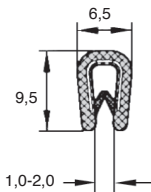
Linear sealing strip

Stock

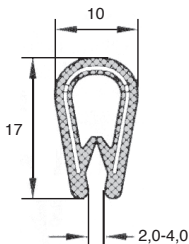
RJA

PVC

- Linear sealing strip supplied by the roll
- Can be fixed to sheet metal or thin panel
- Material: black PVC



RJA00-02



RJA00-08

DISCOUNTS for 5m

Qty	1+	5+	50+
Disc.	List	-10%	On request

DISCOUNTS for 50-100m

Qty	1+	3+	6+
Disc.	List	-10%	On request

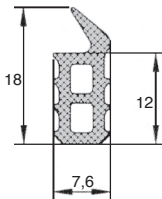
Part number	Material	Sold in rolls of	Stock*	Price each
RJA00-02/5	Black PVC	5 metres	✓	18,08 €
RJA00-02/100	Black PVC	100 metres	✓	291,57 €
RJA00-08/5	Black PVC	5 metres	✓	28,66 €
RJA00-08/50	Black PVC	50 metres	✓	230,39 €

*Depending on availability - Dimensions in mm

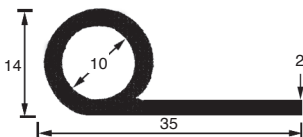
- Linear sealing strip supplied by the roll

Characteristics of EPDM

- Hardness 30 to 90 Shore A
- Working temperature: -35°C to +120°C
- Very good resistance to ozone, acid, hot water, and ageing
- Almost impermeable to gas
- Good alkaline resistance
- Not resistant to oils or diesel
- Flammable



RJA11-27



RJA90-38

DISCOUNTS for 5m

Qty	1+	5+	50+
Disc.	List	-10%	On request

DISCOUNTS for 50-100m

Qty	1+	3+	6+
Disc.	List	-10%	On request

Part number	Material	Sold in rolls of	Stock*	Price each
RJA11-27/5	Black EPDM	5 metres	✓	36,39 €
RJA11-27/100	Black EPDM	100 metres	-	563,16 €
RJA90-38/5	Black EPDM	5 metres	✓	48,13 €
RJA90-38/50	Black EPDM	50 metres	-	385,80 €

*Depending on availability - Dimensions in mm

Spring loaded latch

Stock Bra

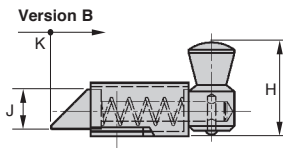
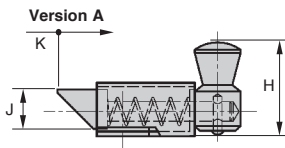
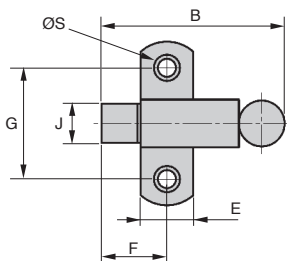
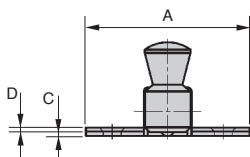
LRR

Plated steel

- Spring return latch
- Inward/outward opening versions available (A+ B versions)
- Materials :
Galvanised steel

Accessory

- Catch plate LRRGPV (tome 5 p.197)



DISCOUNTS

Qty	1+	10+	20+	50+
Disc. List	-3%	-5%	On request	

Part number	A	B	C	D	E	F	G	H	J	K	ØS	Material	Weight (g)	Price each	
														Stock*	1 to 9
Version A															
LRR-50-A/ZN	50	56	1,5	1,2	16	20	34	27	12	12	4	Steel	71	✓	22,27 €
Version B															
LRR-50-B/ZN	50	56	1,5	1,2	16	20	34	27	12	12	4	Steel	71	✓	22,27 €

*Depending on availability - Dimensions in mm

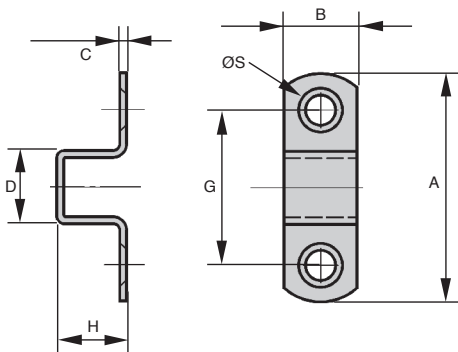
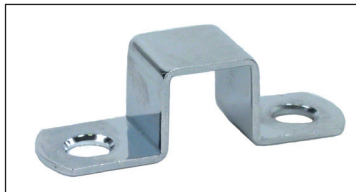
- Catch for sprung latch LRR

- Materials :

Galvanised steel

Accessory

- Spring loaded latch LRR (tome 5 p.196)



DISCOUNTS

Qty	1+	10+	20+	50+
Disc. List	-3%	-5%	On request	

Part number	A	B	C	D	G	H	ØS	Material	Weight (g)	Stock [*]	Price each 1 to 9
LRR-50-GPV/ZN	50	16	1,5	16	34	16	4	Steel	12	✓	3,26 €

*Depending on availability - Dimensions in mm

- Slam latches for direct closing in hostile environments

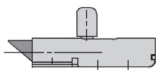
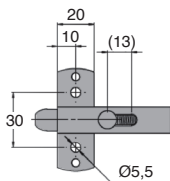
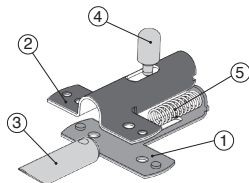
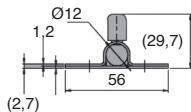
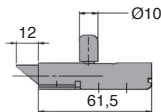
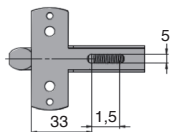
- Latch tongue at top
- Resistant to water and cleaning products
- Materials:
Body and support: 304L stainless steel
Latch and handle: 303 stainless steel
Spring: 301 stainless steel

Advantages

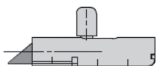
- Openings on the top and mounting face allow easy cleaning (no retention of water or dirt)
- No sharp angles (avoids risk of injury)
- Top mounted handle allows easy opening

Applications

- Equipment for the food industry
- Animal breeding (hutches, hen-houses)
- Lids for metal enclosures used in humid environments
- Stainless steel strike plate not supplied



A version



B version

DISCOUNTS

Qty	1+	10+	20+	50+
Disc.	List	-3%	-5%	On request

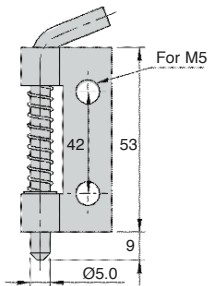
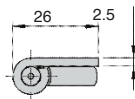
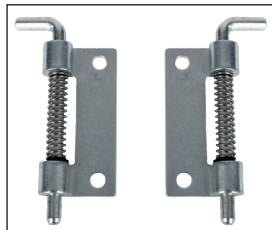
Part number	Latch stroke (mm)	Type	Stock*	Price each 1 to 9
LRR-56-A/SS	12	A version	✓	30,53 €
LRR-56-B/SS	13	B version	✓	41,68 €

Dimensions in mm. *Depending on availability

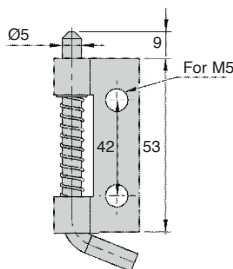
- **Spring loaded single bolt**
- Rolled knot hinge
- Material:
 - White galvanized steel
 - Stainless steel 304

Advantages

- Simple locking
- Retractable pivot



Right handed



Left handed

DISCOUNTS

Qty	1+	50+	100+
Disc.	Net	-10%	On request

Part number	Version	Stock*	Price each 1 to 49
Steel version			
LRR-53-26/D	Right	✓	3,25 €
LRR-53-26/G	Left	-	3,25 €
Stainless steel version			
LRR-53-26/G/SS	Left	✓	6,51 €
LRR-53-26/D/SS	Right	✓	6,51 €

*Depending on availability - Dimensions in mm

Small dimension latch with locking system Alu

LRR22

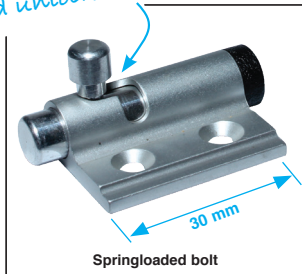
In aluminium

- **Springloaded bolt can be held in unlocked position**

- **Materials:**

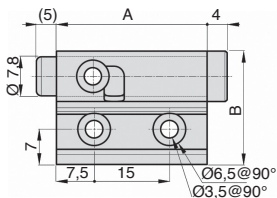
Body: aluminium 6060T5 clear anodised
 Shaft and handle: raw aluminium
 Cap: Black PE
 Spring: Stainless steel
 Strike: aluminium 5754 clear anodised

Held unlocked

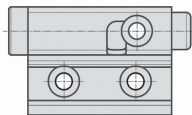


Note

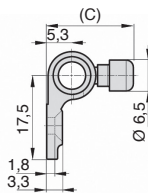
There is no strike for this size



Type 2
LRR-22-2/ALU



Type 1
LRR-22-1/ALU



DISCOUNT

Qty	1+	10+	20+	50+
Disc. List	-3%	-5%	On request	

Part number	A	B	C	Type	Weight (g)	Price each 1 to 9
Springloaded bolt						
LRR-22-2/ALU	30	22,5	18,2	2	9	17,19 €
LRR-22-1/ALU	30	22,5	18,2	1	9	17,19 €

Dimensions in mm

- **Springloaded bolt can be held in unlocked position**

- It is recommended to combine 1 latch with 1 strike

- Materials:

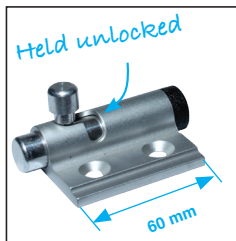
Body: aluminium 6060T5 clear anodised

Shaft and handle: raw aluminium

Cap: Black PE

Spring: Stainless steel

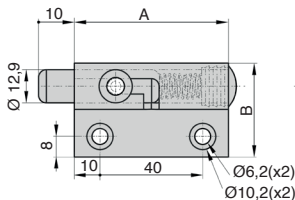
Strike: aluminium 5754 clear anodised



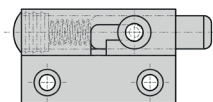
Springloaded bolt



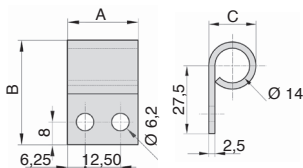
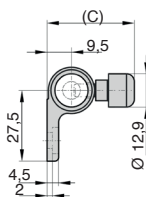
Strike



Type 2
LRR-37-2/ALU



Type 1
LRR-37-1/ALU



LRR-37-GPV/ALU

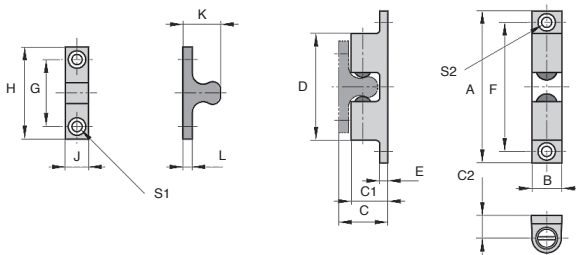
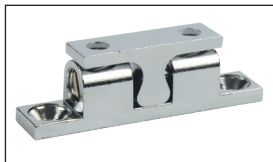
DISCOUNT

Qty	1+	10+	20+	50+
Disc.	List	-3%	-5%	On request

Part number	A	B	C	Type	Weight (g)	Price each 1 to 9
Springloaded bolt						
LRR-37-2/ALU	60	36,5	34	2	58	28,02 €
LRR-37-1/ALU	60	36,5	34	1	58	28,02 €
Strike						
LRR-37-GPV/ALU	25	37	19	-	11	4,96 €

Dimensions in mm

- Quick closing catch
- Push to close
- Material:
Chromed die cast zinc



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	C1	C2	D	E	F	G
LQT-2B-42-8	42,5	8,0	14,0	10,0	6,5	26,7	2,5	35	16
LQT-2B-50-10	50,0	10,0	16,0	12,5	7,4	29,8	3,0	40	20
LQT-2B-70-13	70,0	13,5	21,2	17,0	11,0	49,0	4,0	60	30

Part number	H	J	K	L	S1	S2	Force (N)	Weight (g)	Stock*	Price each 1 to 5
LQT-2B-42-8	25	7,5	11,3	2,5	3,2	3,2	30	16	✓	13,80 €
LQT-2B-50-10	30	9,0	12,3	2,5	4,2	4,2	33	26	✓	16,24 €
LQT-2B-70-13	42	10,5	17,2	3	4,2	4,2	35	70	✓	28,00 €

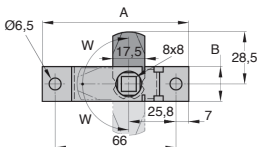
*Depending on availability - Dimensions in mm

- Latch with 3 indexed positions

- Material:

304 stainless steel

Natural finish



Latch and key



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	W	Weight (g)	Stock*	Price each 1 to 5
SERB80-19/SS	80	19	8	90°	20	✓	18,96 €

*Depending on availability - Dimensions in mm

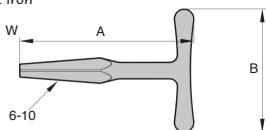
Universal latch key

SERB

For SERB80-19/SS cam latch

- Material:

Cast iron



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	Weight (g)	Stock*	Price each 1 to 5
SERB-CLE	90	63,5	58	✓	5,29 €

*Depending on availability - Dimensions in mm

Quarter turn latch for the food industry

SER69K

Stainless steel

- Stainless steel 1/4 turn latch, seal rating IP69K
- Hygienic latch
- Materials:
 - 304 stainless steel
 - O-ring seal, blue silicon

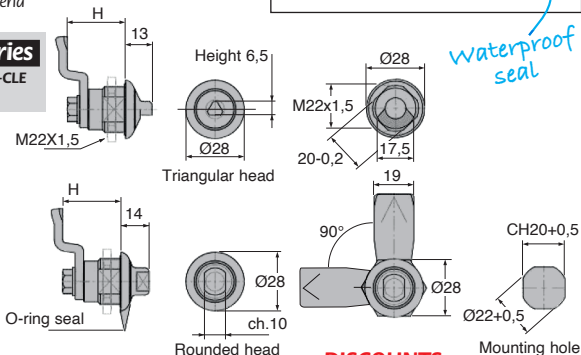


Advantages

- Ideal for use in the food industry
- No water retaining zones
- Avoids bacteria developing

Accessories

- See SER69K-CLE key (p.223)



DISCOUNTS

Qty	1+	6+	10+	15+
Disc.	List	-5%	-10%	On request

Part number	H	Price each 1 to 5
Triangular head		
SER69K-18/T	18	61,86 €
SER69K-20/T	20	61,86 €
SER69K-22/T	22	61,86 €
SER69K-24/T	24	61,86 €
SER69K-26/T	26	61,86 €
SER69K-28/T	28	61,86 €
Rounded head		
SER69K-18/R	18	61,86 €
SER69K-20/R	20	61,86 €
SER69K-22/R	22	61,86 €
SER69K-24/R	24	61,86 €
SER69K-26/R	26	61,86 €
SER69K-28/R	28	61,86 €

Dimensions in mm

Quarter turn latch for the food industry

Key

SER69K

- Key for SER69K stainless steel 1/4 turn latch

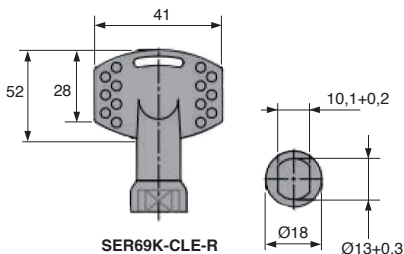
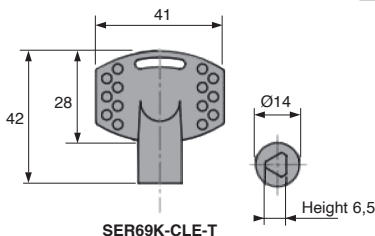
- 2 versions:

Cle-T in plastic with triangular head

Cle-R in plastic with stainless steel insert,
rounded head

Advantages

- Ideal for use in the food industry



DISCOUNTS

Qty	1+	6+	10+	15+
Disc. List	-5%	-10%	On request	On request

Part number	Head	Material	Price each 1 to 5
SER69K-CLE/T	Triangular	Plastic	2,99 €
SER69K-CLE/R	Rounded	Plastic, stainless steel insert	7,58 €

Dimensions in mm

Buying guide

Hinges












Part number	CHAM	CHAss	CHA1056PA	CHA1056U	CHA1056USS	CHA1056U	CHAEss
Type	rolled knuckle	rolled knuckle	molded	molded	molded	molded	massive
Material	stainless steel	stainless steel	polyamide	Die cast zinc	stainless steel	Die cast zinc	stainless steel
Finition	Polished	shiny	black	black	raw	black	aesthetic design
Special function	-	-	-	-	-	-	vandalism safety
Dimensions LxH (mm)	52x70	38x38 37x48	40x40 50x50	40x40 à 50x76	40x40 to 60x60	40x40 to 60x90	40x42 to 60x63
Quality index	☆☆	☆☆	☆☆	☆☆	☆☆	☆☆	☆☆☆
Price	€€	€€	€	€€	€€	€€	€€€
Pages	5 p.208	5 p.209	5 p.210	5 p.211	5 p.212	5 p.213	5 p.217



Part number	CHAF/ss	CHAC	CHAC	CHINV	CHAK	CHAFR _{MINI}	CHAFR
Type	rolled knuckle	rolled knuckle	rolled knuckle	invisible	Hi-klik detent hinge	massive	massive
Material	stainless steel	stainless steel	stainless steel	steel stainless steel	aluminium	POM	aluminium
Finition	raw	raw	raw	raw	anodised	black or white	anodised
Special function	-	-	-	invisible hing	indented every 30°	friction hinge	friction hinge
Dimensions LxH (mm)	35x60	40x40 to 60x60	40x40 to 60x60	44x29	55x67	28x40	55x65
Quality index	☆	☆	☆	☆☆	☆☆☆	☆☆	☆☆☆
Price	€	€	€	€€	€€€	€€	€€
Pages	5 p.234	5 p.235	5 p.236	5 p.240	5 p.242	5 p.243	5 p.244

								
CHAEPa	CHA108	CHASB	CHASB	CHAL	CHAPAM	CHA^{Gc} CHA^{Gd}	CHAGCAL	CHA^{Gc}
massive	robust	without pin	without pin, to be cut	piano hinge	weld-on hinge	lift-off hinge	lift-off hinge	lift-off hinge
polyamide	polyamide	polymere	polymere	steel or stainless steel	steel aluminium stainless steel	stainless steel	aluminium	stainless steel
aesthetic	black	white	white	raw	raw	raw	anodised	raw
-	-	-	to be cut	to be cut	-	-	-	-
30x30 to 60x120	108x131	63,5x76,2 88,9x88,9	-	1000x20 1000x80	-	-	-	-
☆☆	☆☆	☆☆	☆☆	☆☆	☆☆	☆☆	☆☆	☆☆
€€	€€€	€€	€€	€€	€€	€€	€€	€€

5 p.218 5 p.222 5 p.224 5 p.223 5 p.226 5 p.228 5 p.231 5 p.232 5 p.233

								
CHAR50	CHAR60	CHAR75	CHAR75	CHAR160	CHAR67	CHA135	PRF_{CHA}	ACL_{CHAR}
rolled knuckle	rolled knuckle	rolled knuckle	rolled knuckle	rolled knuckle	massive	massive	massive	massive
steel stainless steel	steel stainless steel	steel stainless steel	steel stainless steel	steel stainless steel	aluminium	polyamide	aluminium	aluminium
raw	raw	raw	raw	raw	anodised	black	grey	grey
with spring	with spring	with spring	with spring	with spring	with spring	for structure with square tube	for aluminium profile	for aluminium profile
50x50	35x60	20x75	30x75	46x160	55x67	36x30 to 96x96	69x45 to 96x45	78x96
☆☆	☆☆	☆☆	☆☆	☆☆	☆☆	☆☆	☆☆	☆☆
€€	€€	€€	€€	€€	€€€	€	€	€

5 p.245 5 p.246 5 p.247 5 p.248 5 p.249 5 p.250 5 p.288 5 p.349 5 p.350

Screwed marine hinge



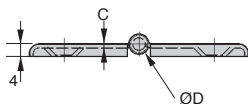
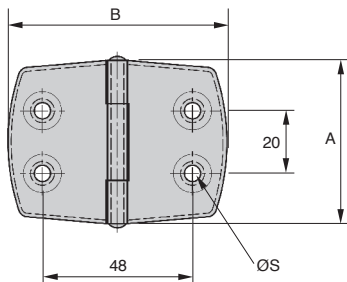
CHAM

Sheet metal with rolled knuckle

- Hinge for plug door
- Riveted pin
- Material:
stainless steel 304
- Polished finish

Advantages

- High corrosion resistance
- Economic hinge



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

Part number	A	B	C	ØD	ØS	Weight (g)	Stock*	Price each 1 to 5
CHAM5270/SS	52	70	1,2	4	5,2	44	✓	14,84 €

*Depending on availability - Dimensions in mm

- **Universal hinge for plug door**
- Rolled knuckle
- **Material:**
 Body: stainless steel 316
 Pin: stainless steel

Uses

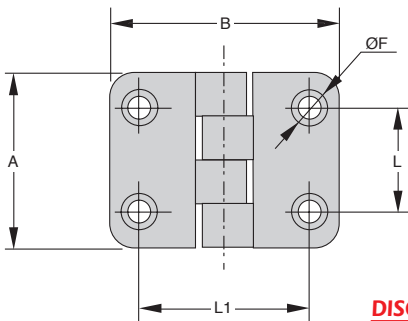
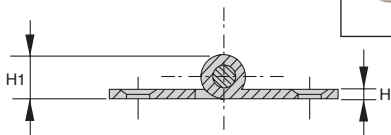
- Pharmaceutical, chemical and food industries

Advantages

- Economic hinge



stainless steel



DISCOUNTS

Qty	1+	6+	10+	25+
Disc. List	-5%	-10%	On request	

Part number	A	B	L	L1	ØF	H	H1	Stock*	Price each 1 to 5
CHA38-38/SS	38	38	20,5	26	5,5	2	9,5	✓	18,46 €
CHA37-48/SS	37	48	22,0	36	5,5	2	9,5	✓	17,22 €

*Depending on availability - Dimensions in mm

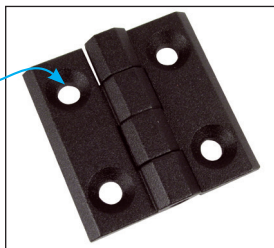
Polyamide face-mounted hinge ★★★ Stock

CHAUPA

Opening up to 270°

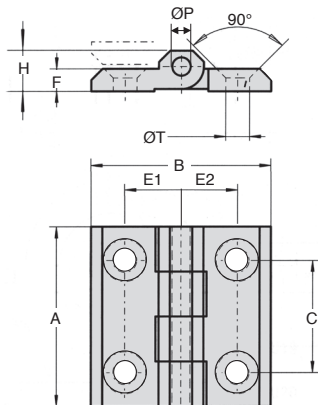
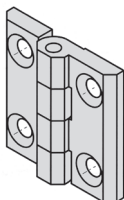
- **Universal hinge for nested door**
- 270° opening
- Fixing with M5 or M6 countersunk screws according to DIN7991
- Molded hinge
- Materials:
 - Black polyamide
 - Stainless steel pin

With countersunk holes



Advantages

- Beautiful finish



DISCOUNTS

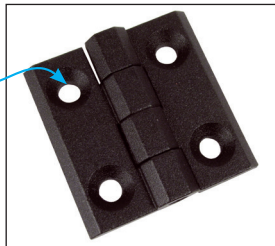
Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	E1	E2	H	F	ØT	ØP	Stock*	Price each 1 to 5
Square hinge											
CHA1056-U6PA	40	40	25	12,5	12,5	9	5	5,3	4	✓	9,40 €
CHA1056-U10PA	50	50	30	15	15	11,5	6	6,2	6	✓	10,94 €

*Depending on availability - Dimensions in mm

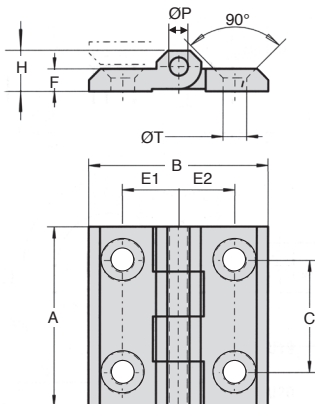
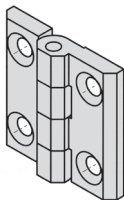
- Universal hinge for nested door
- 270° opening
- Fixing with M5, M6 or M8 countersunk screws according to DIN7991
- Molded hinge
- Materials:
 - Die cast zinc
 - Stainless steel pin

With countersunk holes



Advantages

- Beautiful finish



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	E1	E2	H	F	ØT	ØP	Stock*	Price each 1 to 5
Square hinge											
CHA1056-U6	40	40	25	12,5	12,5	9	5	5,3	4	✓	12,57 €
CHA1056-U10	50	50	30	15	15	11,5	6	6,2	6	✓	13,09 €
CHA1056-U14	60	60	36	18	18	15	8	8,3	8	✓	16,35 €
Rectangular hinge											
CHA1056-U18	50	76	30	28	28	11	6	6,2	6	✓	31,35 €

*Depending on availability - Dimensions in mm

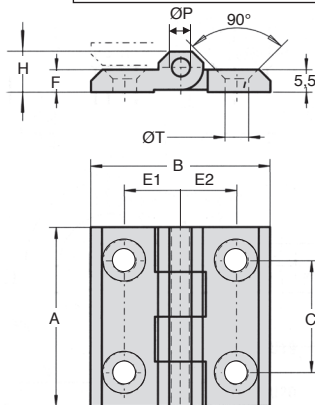
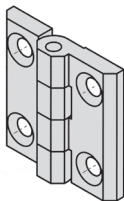
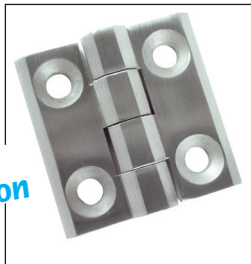
Stainless steel face-mounted hinge ★★★ Stock

CHAuss

With countersunk holes

- Universal hinge for nested door
- 270° opening
- Fixing with M5, M6, M8 countersunk screws according to DIN7991
- Raw finish
- Molded hinge
- Materials:
Stainless steel 316

stainless steel version



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

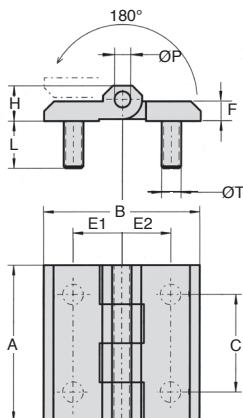
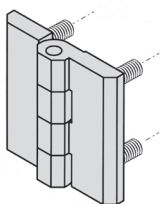
Part number	A	B	C	E1	E2	H	F	ØT	ØP	Stock*	Price each 1 to 5
CHA1056-U6SS	40	40	25	12,5	12,5	9	5	5,3	4	✓	30,09 €
CHA1056-U10SS	50	50	30	15	15	11,5	6	6,2	6	✓	32,65 €
CHA1056-U14SS	60	60	36	18	18	15	8	8,3	8	✓	32,86 €

*Depending on availability - Dimensions in mm

- Universal hinge for nested door
- 180° opening
- Nut fixing
- Molded hinge
- Materials:
 - Die cast zinc
 - Stainless steel molded anchors
 - Stainless steel pin

Advantages

- Beautiful finish



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	E1	E2	H	F	ØT	L	ØP	Stock*	Price each 1 to 5
Square hinge												
CHA1056-U4	40	40	25	12,5	12,5	9	5	M5	12	4	✓	17,62 €
CHA1056-U8	50	50	30	15	15	11,5	6	M6	15	6	✓	17,49 €
CHA1056-U12	60	60	36	18	18	15	8	M8	14	8	✓	23,16 €
Rectangular hinge												
CHA1056-U16	50	76	30	28	28	11	6	M6	12	6	✓	31,75 €
Asymmetric rectangular hinge												
CHA1056-U20	60	90	36	18	45	15	8	M8	14	8	✓	32,89 €

*Depending on availability - Dimensions in mm

Decorative screwed hinge

Alu Stock

CHAE

Aluminium

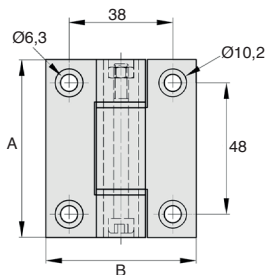
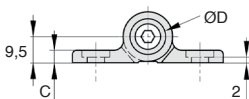
- **Screwed hinge**
- **Materials :**
 - hinges aluminium 6060T5
 - pin : plastic
- Black or colourless anodised finish

Advantage

- Aesthetic design



colourless anodised



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

Part number	A	B	C	ØD	Weight (g)	Finish	Stock*	Price each 1 to 5
CHAE6555/Al	65	55	4,5	13	130	Colourless anodised	✓	18,08 €
CHAE6555/AN	65	55	4,5	13	130	Black anodised	✓	18,08 €

*Depending on availability - Dimensions in mm

Front hinge for aluminium profile

3 materials available

CHA

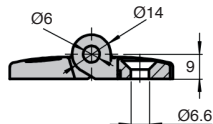
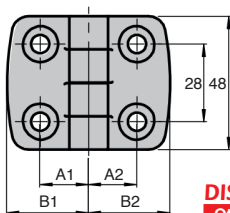
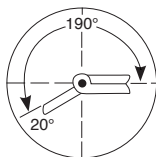
- Screw-on hinge

- For aluminium profile 30x30mm, 40x40mm or 45x45mm (PRF4545)
- Opening angle 180°
- Material:
 - 316 stainless steel leaves
 - Glass-fibre reinforced Black PA/Nylon
 - Cast aluminium
 - Stainless steel pin
 - PTFE bearing (Aluminium version only)
- Mount using **M6 FHC6** milled head screws



Accessory

- Mount using **M6 FHC6** milled head screws (tome 1 p.560)



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	Net	-5%	-10%	On request

Part number	A1	A2	B1	B2	FA max (N)	FR max (N)	Profile section	Weight (g)	Price each 1 to 5
Stainless steel hinge									
CHA35-48/SS	17,5	17,5	29,5	29,5	575	800	30x30	167	39,99 €
CHA45-48/SS	22,5	22,5	38,5	38,5	675	900	40x40	205	44,08 €
CHA50-48/SS	25,0	25,0	42,5	42,5	675	900	45x45	223	49,34 €
Glass reinforced plastic hinge									
CHA35-48/PA	17,5	17,5	29,5	29,5	400	700	30x30	36	4,97 €
CHA45-48/PA	22,5	22,5	38,5	38,5	450	750	40x40	43	5,02 €
CHA50-48/PA	25,0	25,0	43,5	43,5	450	750	45x45	46	5,14 €
Aluminium hinge									
CHA35-48/AL	17,5	17,5	29,5	29,5	225	325	30x30	65	15,16 €
CHA45-48/AL	22,5	22,5	38,5	38,5	250	400	40x40	69	16,14 €
CHA50-48/AL	25,0	25,0	43,5	43,5	250	400	45x45	73	16,35 €

All dimensions in mm

Molded polyamide face-mounted hinge ★★★ Stock

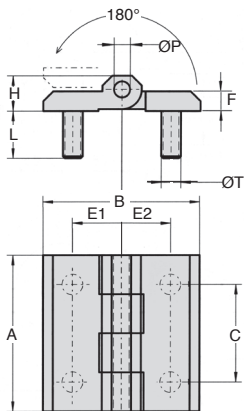
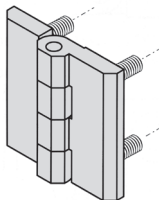
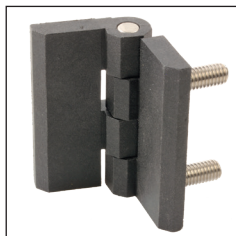
CHAUPA

With anchors

- Universal hinge for plug door
- 180° opening
- Nut fixing
- Molded hinge
- **Materials:**
 - Black polyamide
 - Stainless steel molded anchors
 - Stainless steel pin

Advantages

- Beautiful finish



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	E1	E2	H	F	ØT	ØP	Stock*	Price each 1 to 5
Square hinge											
CHA1056-U4PA	40	40	25	12,5	12,5	9	5	M5	12	-	14,19 €
CHA1056-U8PA	50	50	30	15	15	11,5	6	M6	15	✓	15,55 €

*Depending on availability - Dimensions in mm



Stylish stainless steel screw hinge

CHAESS

316 stainless steel

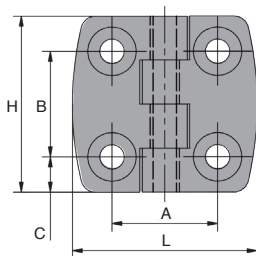
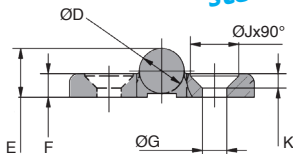
- Screw hinge
- For right and left mounting
- 180° opening angle
- Fixed using countersunk screws (M5, M6 or M8 according to DIN 7991)
- The visible surface of the hinge has polished satin finish
- Material:
100% 316 stainless steel

Advantages

- Stylish visual appearance as the pin is not visible
- Vibration proof
- Vandal proof thanks to welds over the pin at both ends.

Non-accessible pin

Impenetrable



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	H	L	A	B	C	ØD	E	F	K	ØG	ØJ	Stock*	Price each 1 to 5
CHAE4042/SS	40	42	25	25	7,5	10,2	10,6	5	3,0	5,2	10,2	✓	32,39 €
CHAE5050/SS	50	50	30	30	10,0	12,0	12,5	6	3,7	6,2	12,4	✓	38,43 €
CHAE6063/SS	60	63	36	36	12,0	15,3	16,6	8	4,9	8,3	16,5	✓	47,63 €

*Depending on availability - Dimensions in mm

CHAE

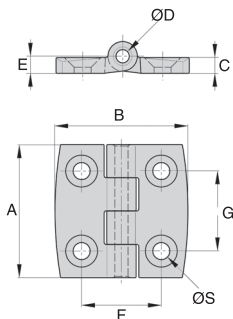
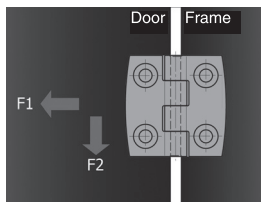
Polyamide

Screwed hinge

- Materials :
 - hinges glass fibre reinforced polyamide (30%)
 - sealed pin : stainless steel 316L
- Asymmetrical and symmetrical versions available

Advantages

- Aesthetic design
- Max opening angle 270°



Part number	Tensile strength F1 (N)	Shear strength F2 (N)	Screw torque (Nm)
CHAE3030/PA	1200	850	1
CHAE4040/PA	2200	1900	4
CHAE5050/PA	3600	2100	8
CHAE6060/PA	5100	3100	8

DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	ØD	E	F	G	ØS	For screw	Stock*	Price each 1 to 5
CHAE3030/PA	30	30	3	3	3,5	18	18	3,2	M3	✓	4,10 €
CHAE4040/PA	40	40	5,2	4	5,7	25	25	5,3	M4	✓	6,19 €
CHAE5050/PA	50	50	5,9	5	6,4	30	30	6,4	M6	✓	8,20 €
CHAE6060/PA	60	60	6,5	6	7	36	36	6,4	M6	✓	8,38 €

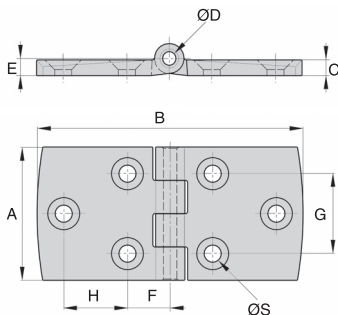
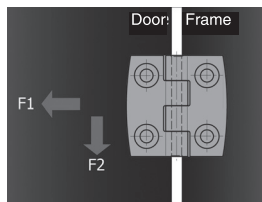
*Depending on availability - Dimensions in mm

Screwed hinge

- Material :
hinges glass fibre reinforced polyamide (30%)
sealed pin : stainless steel 316L
- Corrosion resistant
- Square and asymetrical versions available

Advantages

- Aesthetic design
- Max opening angle 270°



Part number	Tensile strength F1 (N)	Shear strength F2 (N)	Screw torque (Nm)
CHAE4080/PA	2200	1900	4
CHAE40120/PA	2200	1900	4
CHAE50100/PA	3600	2100	8
CHAE60120/PA	5100	3100	8

DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-	-5%	-10%	On request

Part number	A	B	C	ØD	E	F	G	H	ØS	For screw	Stock*	Price each
												1 to 5
CHAE4080/PA	40	80	5,2	4	5,7	13,5	25	19	5,3	M4	✓	8,32 €
CHAE40120/PA	40	120	5,2	4	5,7	14,5	25	38	5,3	M4	-	10,29 €
CHAE50100/PA	50	100	5,9	5	6,4	16	30	24	6,4	M6	✓	10,58 €
CHAE60120/PA	60	120	6,5	6	7	18	36	30	6,4	M6	✓	16,86 €

*Depending on availability - Dimensions in mm

Decorative **asymmetric** screwed hinge ★★★★ Stock Pla

CHAE_A Polyamide, Aesthetic design

- Screwed hinge

- Materials :

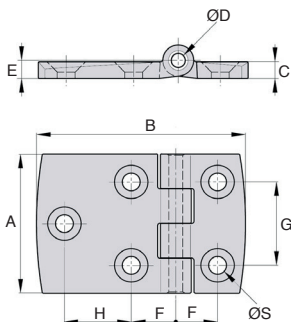
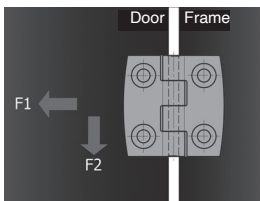
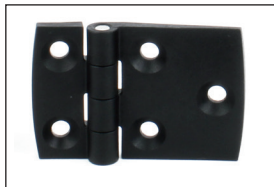
hinges glass fibre reinforced polyamide (30%)
sealed pin : stainless steel 316L

- Square and symmetrical versions also available

Advantage

- Aesthetic design

- Max opening angle 270°



Part number	Tensile strength		Shear strength		Screw torque (Nm)
	F1 (N)	2200	F2 (N)	2300	
CHAE4060A/PA	2200	2300	2300	4	
CHAE4080A/PA	2200	2300	2300	4	
CHAE5075A/PA	3600	2500	2500	8	
CHAE6090A/PA	5100	4200	4200	8	

DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

Part number	A	B	C	ØD	E	F	G	H	ØS	For screw	Stock*	Price each 1 to 5
											✓	
CHAE4060A/PA	40	60	5,2	4	5,7	13,5	25	19	5,3	M4	✓	8,10 €
CHAE4080A/PA	40	80	5,2	4	5,7	14,5	25	38	5,3	M4	✓	8,31 €
CHAE5075A/PA	50	75	5,9	5	6,4	16	30	24	6,4	M6	✓	10,29 €
CHAE6090A/PA	60	90	6,5	6	7	18	36	30	6,4	M6	✓	14,42 €

*Depending on availability - Dimensions in mm



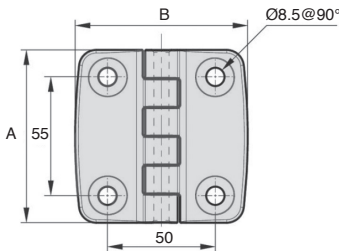
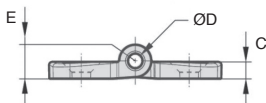
Square decorative screwed hinges

Polyamide carbon fibre reinforced CHAE_{PAC}

- Square screwed hinge
- Max opening angle 270°
- To be fastened with M8 countersunk screws to DIN7991
- Materials
 - Polyamide 6.6 reinforced 30% carbon fibre
 - Pin 303 stainless steel
- Cycling test: hinge is functional after 10.000 cycles (open/close) for a 80 kg door (dimension 1500 (H) x 750 (W) mm)

Advantages

- Aesthetic design
- Stronger and lighter than an equivalent glass fibre polyamide hinge
- Good corrosion resistance (alternative to stainless steel hinges)



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

Part number	A	B	C	ØD	E	Weight (g)	Price each 1 to 5
CHAE8080/PAC	80	80	7,8	7	8,3	68	10,70 €

Dimensions in mm

Heavy duty plastic hinge, opens 180°

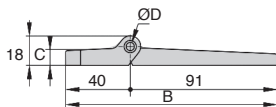
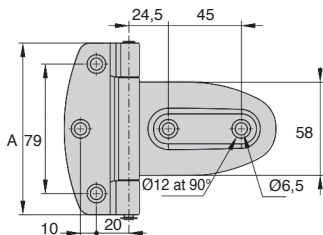
CHA

Polyamide

- **Screwed hinge**
- Maximum opening: 180°
- Materials:
 - Black polyamide
 - Nickel plated steel pin

Applications

- Industrial bodywork



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	ØD	Weight (g)	Stock*	Price each 1 to 5
CHA108-131	108	131	9,5	6	98	✓	28,26 €

*Depending on availability - Dimensions in mm

Roll of hinge without pin

Black or white plastic hinge

CHASB

- Roll of polymer hinge without pin

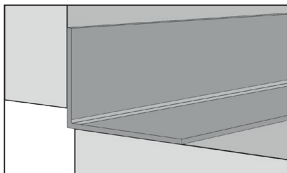
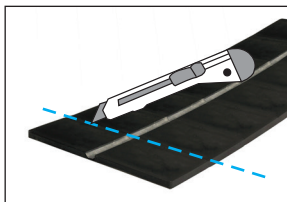
- Sold in rolls of 15.25 meters
- Fastening by screws, rivets, nails or staples
- Working temperature range: -40°C to 80°C
- 270° opening angle
- Material:
 - Polypropylene
- Tensile strength 180N/cm

Advantages

- Good resistance to oils, solvents, seawater and most chemical agents
- Good fatigue resistance
- No knots, so no retention of material or possible impurities

Use

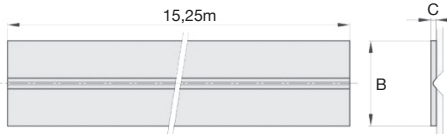
- Ideal for horizontal use for hinging a hood



Typical application



Tensile Strength



DISCOUNTS

Qty	1+	3+
Disc.	Price	On request

Part number	B	C	Finishing	Weight roll (g)	Price per unit
CHASB28-R/W	28.6	3.2	White	1050	1 to 2 293,33 €
CHASB28-R/N	28.6	3.2	Black	1050	293,33 €
CHASB38-R/W	38.1	3.2	White	1450	321,29 €
CHASB38-R/N	38.1	3.2	Black	1450	321,29 €

*Depending on availability - Dimensions in mm

Hinge without pin

CHASB

Black or white plastic hinge

- **Polymer hinge without pin**
- Fastening with screws or rivets.
- Working temperature range: -40°C to 80°C
- 270° opening angle
- Material:
Polypropylene
- Tensile strength 180N/cm

Advantages

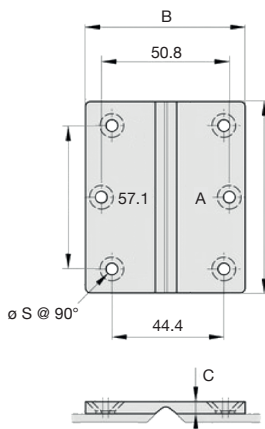
- Good resistance to oils, solvents, seawater and most chemical agents
- Also, good fatigue resistance
- No knots, so no retention of material or possible impurities

Use

- Ideal for horizontal use for hinging a hood



Tensile strength



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. Price	-5%	-10%		On request

Part number	A	B	C	ØS	Finishing	Weight (g)	Price per unit
							1 to 5
CHASB63-76/W	76.2	63.5	4.76	4.62	White	16	8,48 €
CHASB63-76/N	76.2	63.5	4.76	4.62	Black	16	8,48 €

*Depending on availability - Dimensions in mm

Hinge without pin

Black or white plastic hinge

CHASB

- Polymer hinge without pin
- Fastening with screws or rivets.
- Working temperature range: -40°C to 80°C
- 270° opening angle
- Material:
Polypropylene.
- Tensile strength 180N/cm

Advantages

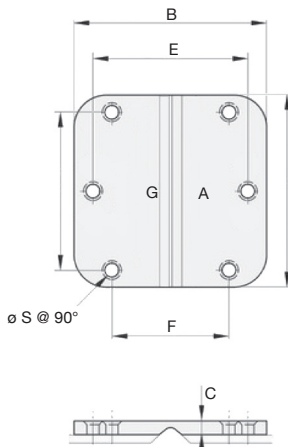
- Good resistance to oils, solvents, seawater and most chemical agents
- Good fatigue resistance
- No knots, so no retention de material or possible impurities

Use

- Ideal for horizontal use for hinging a hood



Tensile strength



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. Price		-5%	-10%	On request

Part number	A	B	C	E	F	G	ØS	Finishing	Weight (g)		Price per unit
											1 to 5
CHASB89-89/W	88.9	88.9	6.35	71.4	54	73	6	White	35		12,41 €
CHASB89-89/N	88.9	88.9	6.35	71.4	54	73	6	Black	35		12,41 €

*Depending on availability - Dimensions in mm

Long hinge in **steel or aluminium** **AluSte**

CHAL

Piano type hinge

- Long hinge with a small pin diameter
- Rolled joint
- Hinge is not drilled
- Materials:
 - Untreated steel
 - Aluminium

Economical

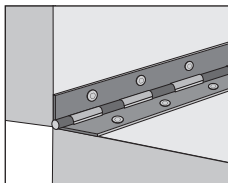
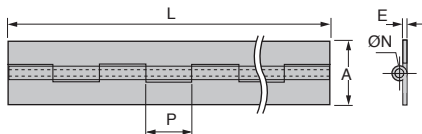


Applications

- Woodworking, industrial joinery, workstations...

Advantages

- Compact design
- Possibility of cutting to the length desired



Typical application

DISCOUNTS

Qty	1+	6+	20+
Disc. List	-5%	On request	

Part number	A	L	P	E	ØN	Weight per metre (kg/m)	Stock*	Price each 1 to 5
Steel								
CHAL3-40-1000	40	1000	20	1,2	3	0,530	✓	12,33 €
CHAL3-50-1000	50	1000	20	1,2	3	0,610	✓	12,98 €
Aluminium								
CHAL3-35-1000/A	35	1000	20	1,0	3	0,175	✓	14,37 €
CHAL3-40-1000/A	40	1000	20	1,0	3	0,208	✓	14,56 €
CHAL4-50-1000/A	50	1000	30	1,5	4	0,300	✓	18,95 €

*Depending on availability - Dimensions in mm

- Long hinge with a small pin diameter
- Rolled joint
- Hinge is not drilled
- Material:
304 stainless steel

Economical

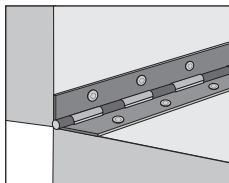
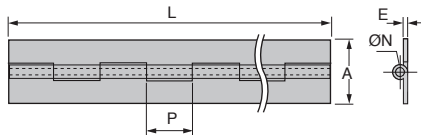


Applications

- Woodworking, industrial joinery, workstations...

Advantages

- Compact design
- Possibility of cutting to the length desired



Typical application

DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-5%	On request

Part number	A	L	P	E	ØN	Weight per metre (kg/m)	Stock*	Price each 1 to 5
CHAL2-20-1000/SS	20	1000	15	0,6	2,5	0,140	✓	17,09 €
CHAL2-25-1000/SS	25	1000	15	0,6	2,5	0,165	-	17,11 €
CHAL2-30-1000/SS	30	1000	15	0,6	2,5	0,190	-	18,10 €
CHAL3-25-1000/SS	25	1000	20	1,0	3,0	0,325	✓	18,26 €
CHAL3-40-1000/SS	40	1000	20	1,2	3,0	0,520	✓	24,88 €
CHAL3-50-1000/SS	50	1000	20	1,2	3,0	0,620	✓	26,87 €
CHAL6-60-1000/SS	60	1000	30	2,0	6,0	1,470	✓	66,33 €
CHAL6-80-1000/SS	80	1000	30	2,0	6,0	1,700	-	75,93 €

*Depending on availability - Dimensions in mm

Weld-on hinge with flat end

CHAPAM

In steel

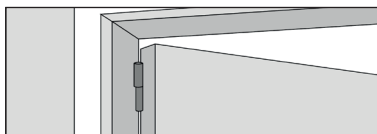
- **Weld-on hinge**
- Flat ends
- Materials:
 - Steel
 - Brass washer

Advantage

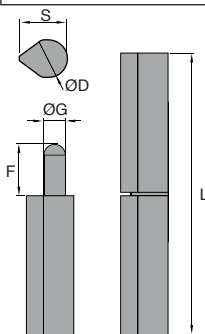
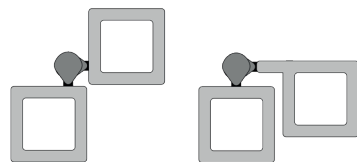
- Easy demounting of the door or the leaf

Uses

- Metal doors
- Armoured doors
- Machine tool doors
- Electrical cabinets



Example of use



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	Price	-10%	-20%	On request

Part number	L	ØD	S	F	ØG	Price each 1 to 5
CHAPAM60-10	60	10	12,0	19,5	6	3,93 €
CHAPAM80-13	80	13	16,0	23,0	7	5,02 €
CHAPAM100-16	100	16	20,0	27,0	9	7,62 €
CHAPAM120-16	120	16	20,0	27,0	9	8,95 €
CHAPAM140-20	140	20	25,3	34,0	11	10,18 €
CHAPAM160-20	160	20	25,3	43,0	12	17,57 €
CHAPAM180-20	180	20	25,3	53,0	13	22,42 €

Dimensions in mm

Weld-on hinge with flat end

In **stainless steel** or aluminium **CHAPAM**

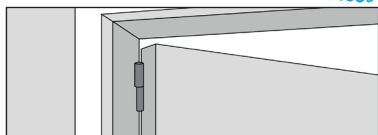
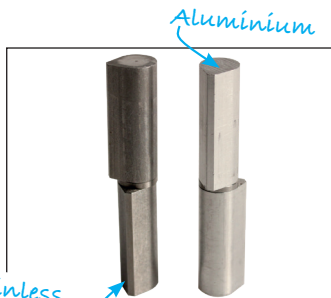
- **Weld-on hinge**
- Flat ends
- Materials:
Stainless steel 304, washer stainless steel
Aluminium, washer stainless steel

Advantage

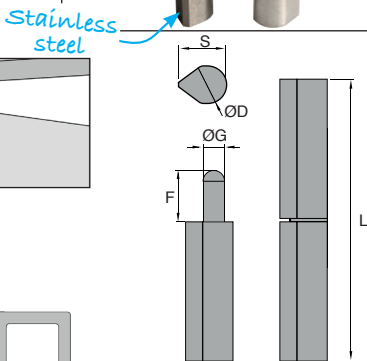
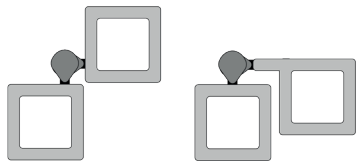
- Easy demounting of the door or the leaf

Uses

- Metal doors
- Armoured doors
- Machine tool doors
- Electrical cabinets



Example of use



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. Price	-10%	-20%	On request	

Part number	L	ØD	S	F	ØG	Price each 1 to 5
Stainless steel						
CHAPAM60-10/SS	60	10	12	19,5	6	16,45 €
CHAPAM80-13/SS	80	13	16	23,0	7	23,14 €
CHAPAM100-16/SS	100	16	20	27,0	9	36,82 €
Aluminium						
CHAPAM80-13/AA	80	13	16	23,0	7	10,28 €
CHAPAM100-16/AA	100	16	20	27,0	9	14,32 €
CHAPAM120-16/AA	120	16	20	27,0	9	15,61 €

Dimensions in mm

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Economy range

- Alternative belt widths
- T and AT pitches
- Sold pre-bored



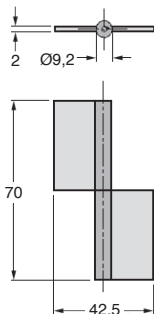
Weld-on

CHAGC_{SS}
CHAGD_{SS}

- To be welded
- Materials:
Body: stainless steel 316
Pin: stainless steel

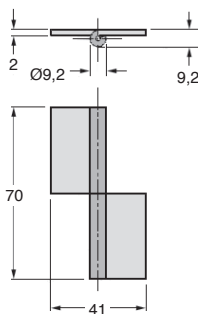
Advantage

- Allows easy removal of the opening part



CHA-GC

centred hinge plates



CHA-GD

offset hinge plates

DISCOUNTS

Qty	1+	6+	10+	25+
Disc.	List	-5%	-10%	On request

Part number	Description	Stock*	Price each 1 to 5
CHA-GC-9/SS	Centred hinge plates	✓	20,67 €
CHA-GD-9/SS	Offset hinge plates	✓	19,85 €

*Depending on availability - Dimensions in mm

Screw-on lift-off hinge

Alu Stock

CHAGC/AL

Anodised aluminium

- **Screw-on hinge**
- Opening angle 270°
- Materials:
 - Aluminium 6060 T5
 - Stainless steel spindle
 - Plastic caps

Advantage

- Reduced space requirement
- Lift-off

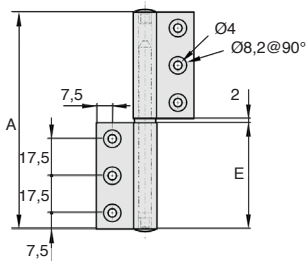
Space saving



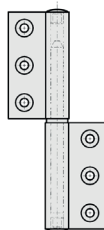
Clear anodised



Black anodised



Type 1



Type 2

DISCOUNTS

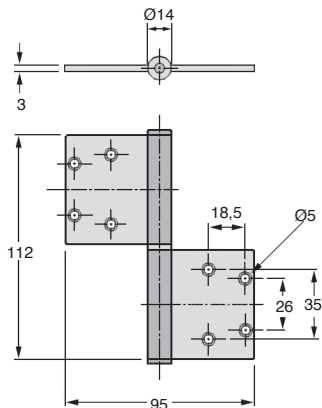
Qty	1+	6+	20+	50+
Disc	Net	-5%	-10%	On request

Part number	Type	Finish	A	B	C	ØD	E	Weight (g)	Stock*	Price each
									1 to 5	
CHA-GC-9-1/AL/IN	1	Clear anodised	102	45,9	2,5	6,1	50	50	✓	19,79 €
CHA-GC-9-2/AL/IN	2	Clear anodised	102	45,9	2,5	6,1	50	50	-	19,79 €
CHA-GC-9-1/AL/BK	1	Black anodised	102	45,9	2,5	6,1	50	50	✓	20,69 €
CHA-GC-9-2/AL/BK	2	Black anodised	102	45,9	2,5	6,1	50	50	✓	19,79 €

*Depending on availability - Dimensions in mm

- Polished finish
- Screw fixing
- Material: stainless steel 304

stainless steel



DISCOUNTS

Qty	1+	6+	10+	25+
Disc.	List	-5%	-10%	On request

Part number	Description	Stock*	Price each 1 to 5
CHA-GC-14/SS	Centred hinge plates	✓	48,59 €

*Depending on availability - Dimensions in mm

Rectangular hinge, drilled or countersunk

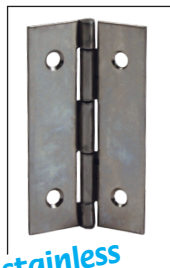
CHA

Sheet metal with rolled knuckle

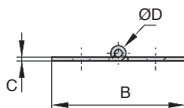
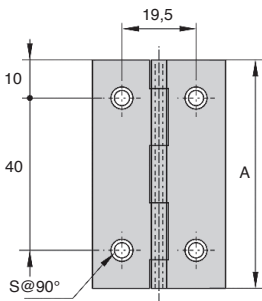
- Universal hinge for plug door
- Material:
 - Stainless steel 304
- Natural finish

Advantages

- Economic hinge



stainless steel



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

Part number	A	B	C	ØD	S	Type	Weight (g)	Stock*	Price each 1 to 5
CHA60-35-F/SS	60	35	1	2	4	Countersunk	20	✓	6,41 €

*Depending on availability - Dimensions in mm



Square hinge with riveted pin, **not drilled**

Sheet metal with rolled knuckle **CHAC-NP**

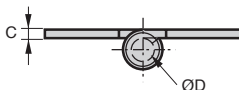
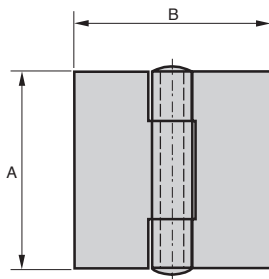
- Hinge for plug door
- Riveted pin, leaves not offset
- Material:
 - CHAC-NP:** Steel hinge
 - CHAC-NP/SS:** Stainless steel 304
- Natural finish

Advantages

- Economic hinge



Steel or stainless steel



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	ØD	Weight (g)	Stock*	Price each 1 to 5
Steel							
CHAC4040-NP	40	40	2	4	34	✓	10,32 €
CHAC5050-NP	50	50	2	6	61	✓	12,80 €
CHAC6060-NP	60	60	2	6	82	✓	15,59 €
Stainless steel							
CHAC4040-NP/SS	40	40	2	4	34	✓	17,62 €
CHAC5050-NP/SS	50	50	2	6	61	✓	20,76 €
CHAC6060-NP/SS	60	60	2	6	82	✓	25,18 €

*Depending on availability - Dimensions in mm

Square hinge with riveted pin, **drilled**

CHAC Sheet metal with rolled knuckle

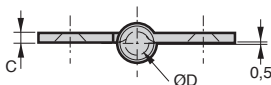
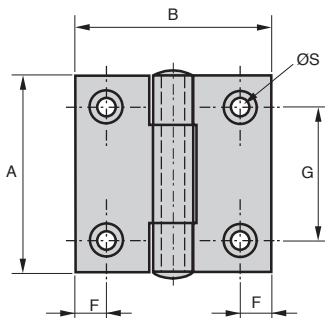
- Hinge for plug door
- Riveted pin, half swaged
- Material:
Stainless steel 304
- Natural finish

stainless steel



Advantages

- Economic hinge



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

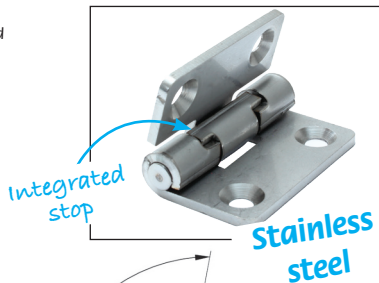
Part number	A	B	C	ØD	F	G	ØS	Weight (g)	Stock*	Price each 1 to 5
CHAC4040/SS	40	40	2	4	8	24	3,5	34	✓	8,63 €
CHAC5050/SS	50	50	2	6	8	34	4,0	61	✓	10,70 €
CHAC6060/SS	60	60	2	6	8	40	4,0	82	✓	11,89 €

*Depending on availability - Dimensions in mm

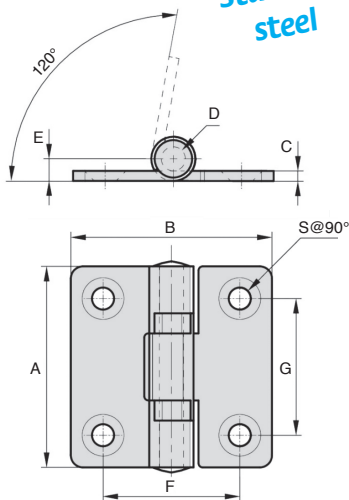
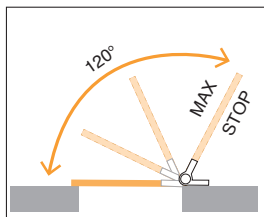
- **Hinge for hatch opening**
- Its integrated stop avoids the need to add an external stop or a safety bracket
- Materials :
316 stainless steel

Advantages

- Ideal for horizontal use. When it reaches its stop, the hatch is held open under its own weight



Typical application



DISCOUNT

Qty	1+	6+	20+	50+
Disc. List	-10%	-20%	On request	

Part Number	A	B	C	D	E	F	G	S	Weight (g)	Stock*	Price each 1 to 5
CHAB50-50/SS	50	50	2,5	6	5,5	34	34	5,5	70	✓	20,99 €

*Depending on availability - Dimensions in mm

INVISIBLE HINGE



p.240

DETENT HINGE



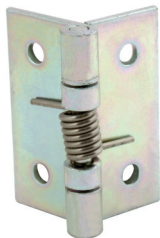
p.242

MINIATURE FRICTION HINGE



p.243

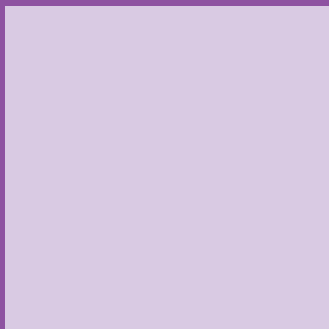
SPRING HINGES FOR SCREW MOUNTING



p.245

MULTIFUNCTIONAL HINGES AND TELESCOPIC SLIDES

P. 240-265



**STAY WITH SAFETY
CATCH**



p.254

FOLDING BRACKET



p.255

**TELESCOPIC
SLIDE RAILS**



p.260

Steel or stainless steel invisible hinge

Sta

CHINV For nested doors or surface mounted doors

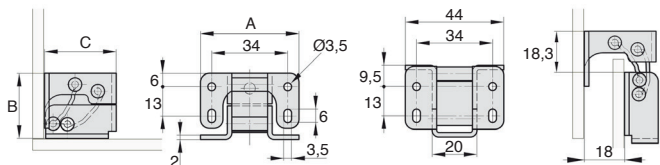
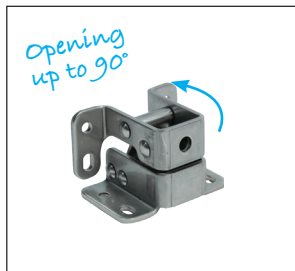
- Invisible hinge with connecting rods
- 90° opening
- Material:
Zinc-plated steel with 430 stainless steel pin and rod
Stainless steel 316L raw

Advantage

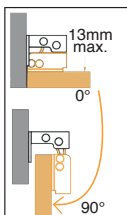
- Invisible when the door is closed

Mounting

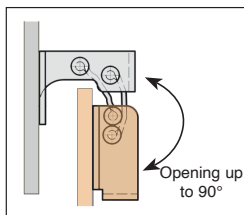
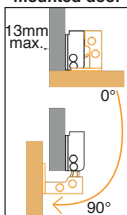
- Flush or surface mounting
- Right- or left-hand mounting
- Vertical or horizontal mounting



Hanging a built-in door



Hanging a surface mounted door



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. Net	-5%	-10%	On request	

Part number	Material	A	B	C	Weight (g)	Stock*	Price each
CHINV-4429	Steel	44	29	32	64	✓	24,62 €
CHINV-4429/SS	Stainless steel 316L	44	29	32	64	-	32,77 €

*Depending on availability - Dimensions in mm

Steel or stainless steel invisible hinge

CHINV For nested doors or surface mounted doors

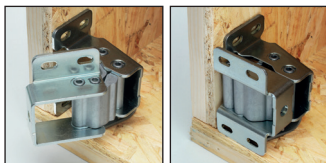
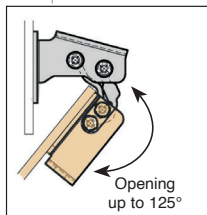
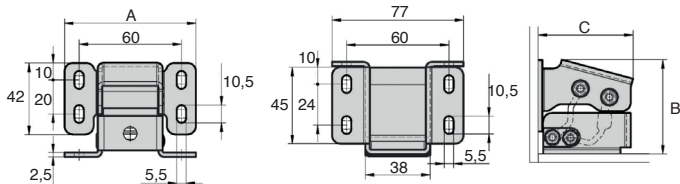
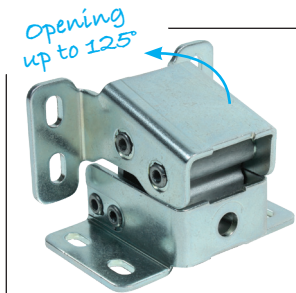
- Concealed hinges (Medium size)
- 125° opening
- Material:
 - Steel zinc plated or 316L stainless steel raw
 - Links in aluminium
 - Pin in zinc plated steel or in 304Cu stainless steel

Advantage

- Invisible when the door is closed

Assembly

- For nested doors or surface mounted doors
 - LH or RH options
 - For horizontal or vertical applications.
- Opening angle differs according to door thickness:
- For thickness up to 10 mm: opening angle of 125°
 - 15 mm thickness: opening angle of 115°
 - 20 mm thickness: opening angle of 108°



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List		-5%	-10%	On request

Part number	Material	A	B	C	Weight (g)	Price each
						1 to 5
CHINV-7755	Steel	77	55,2	54,0	250	18,74 €
CHINV-7755/SS	Stainless steel	77	55,2	54,0	250	35,27 €

Dimensions in mm



- Hinge that allows a panel or door to be opened in 30° steps and to maintain the position without the use of any additional support.

- Screw-on front hinge
- Reduced size
- Max opening angle 180° (up to 270° depending on mounting arrangement)
- Working temp range: -30 to 70 °C
- Installed using DIN912 screws (not supplied)
- Materials:

Winds: Black anodised aluminium
Positioning mechanism: raw sintered steel
Washers: Black PA polyamide
Screw/nut: stainless steel

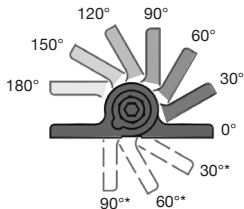
- Max N° of opening cycles: 30,000 (with 20% torque loss)

Application

- Machine covers
- Industrial displays and LCD screens

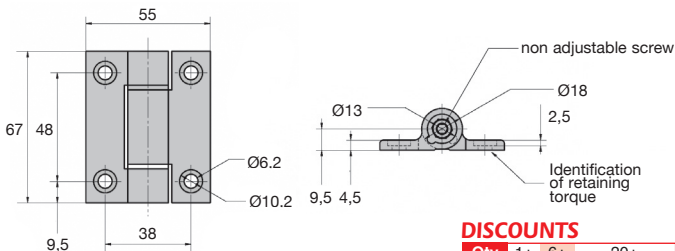
Info

- The retaining torque is factory set and cannot be modified by the user



Angular indexing positions

*given as a guide only, will depend on panel thickness



DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-5%	On request

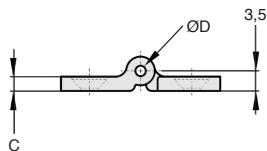
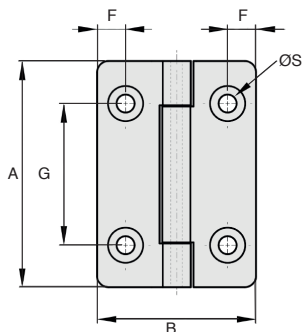
Part number	Panel holding torque**(Nm)	Required torque to move**(Nm)	Weight (g)	Stock*	Price each 1 to 5
CHAK6755-L-AN	0,8	1,8	106	-	61,93 €
CHAK6755-M-AN	1,2	2,5	106	-	67,43 €
CHAK6755-H-AN	2,0	3,2	106	✓	74,36 €

**Tolerance +/-20% - *Depending on availability - Dimensions in mm

- Screw-on front hinge
- Opening angle 270°
- Materials:
 - White or black acetal
 - 304 stainless steel pin
- Tested for 20,000 open/close cycles

Advantage

- Miniature hinge, space saving
- Hold a door in position thanks to its self-locking system



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	Net	-5%	-10%	On request

Part number	Colour	A	B	C	ØD	F	G	ØS	Friction torque (Nm)	Weight (g)	Stock*	Price each
												1 to 5
CHAFR4028/MIN/B	Black	40	28	2,5	2	5	25	3,2	0,25	5	✓	11,04 €
CHAFR4028/MIN/W	White	40	28	2,5	2	5	25	3,2	0,25	5	✓	11,04 €

*Depending on availability - Dimensions in mm

Adjustable friction hinges



CHAFR

For opening and positioning a panel or door

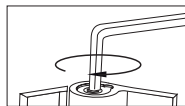
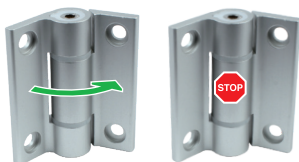
- Screw-on front hinge
- Materials :
 - Aluminium
 - Sleeve : POM
 - Adjustable screw : Stainless steel A2
- Plain or black anodised finish
- Holding force : 0 to 5 Nm max
- Adjusts using 4mm Allen key
- Withstands 6000N
- Shear force : 5000N
- Working temp range -20 to 80°C

Advantages

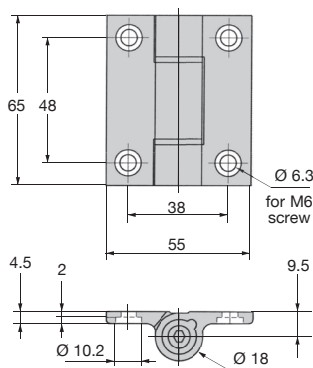
- Adjustable holding force
- Aesthetic hinge



Self locking



Setting of holding force



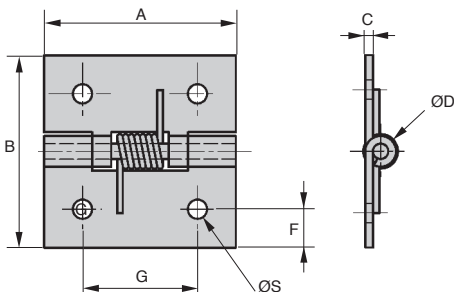
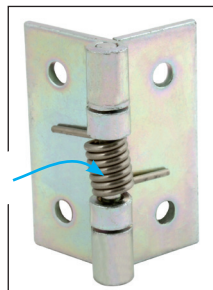
DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	Finish	Stock*	Price each 1 to 5
CHAFR6555/AI	Clear anodised	✓	20,14 €
CHAFR6555/AN	Black anodised	✓	26,10 €

*Depending on availability - Dimensions in mm

- Hinge with opening or closing spring
- Sheet metal with rolled knot
- Materials:
 - CHAR hinge:** plated steel, spring :stainless steel
 - CHAR/SS hinge:** natural stainless steel 304: spring stainless steel
- Opening spring torque
 - M(0°): 1.5 Nm
 - M(90°): 1.1 Nm
 - M(180°): 0.65 Nm
- Closing spring torque
 - M(0°): 0.65 Nm
 - M(90°): 1.1 Nm
 - M(180°): 1.5 Nm



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List		-5%	-10%	On request

Part number	A	B	C	ØD	F	G	ØS	Spring	Weight (g)	Price each	
										Stock*	1 to 5
Steel											
CHAR5050/Z	50	50	2	4	9	30	5	Opening	50	✓	10,52 €
CHAR5050-F/Z	50	50	2	4	9	30	5	Closing	50	✓	11,01 €
Stainless steel											
CHAR5050/SS	50	50	2	4	10	30	5	Opening	50	✓	16,43 €
CHAR5050-F/SS	50	50	2	4	10	30	5	Closing	50	✓	18,90 €

*Depending on availability - Dimensions in mm

- Hinge with opening or closing spring

- Sheet metal with rolled knot

- Materials:

Hinges: steel

Spring: stainless steel 304

Finish: natural

- Opening spring torque:

M(0°): 0.09 Nm

M(90°): 0.07 Nm

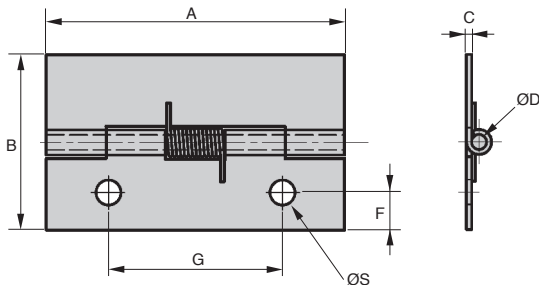
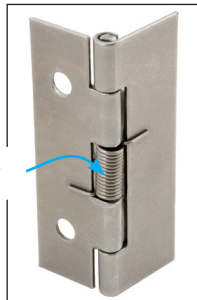
M(180°): 0.045 Nm

- Closing spring torque:

M(0°): 0.045 Nm

M(90°): 0.07 Nm

M(180°): 0.09 Nm



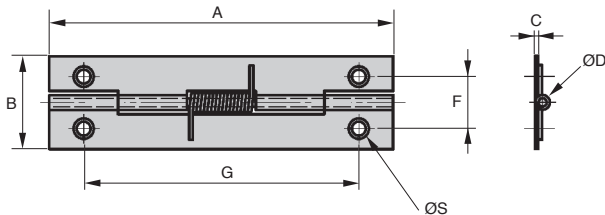
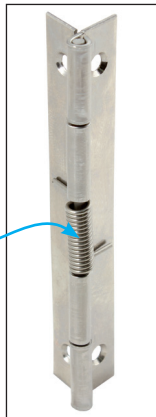
DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	ØD	F	G	ØS	Spring	Weight (g)	Stock*	Price each 1 to 5
CHAR6035	60	35	1	3	7,5	35	5	Opening	22	✓	17,89 €
CHAR6035-F	60	35	1	3	7,5	35	5	Closing	22	✓	13,33 €

*Depending on availability - Dimensions in mm

- Hinge with opening spring
- Sheet metal with rolled knot
- Materials:
 - CHAR hinges:** steel, spring :stainless steel
 - CHAR/SS hinges:** stainless steel 304: spring stainless steel
- Finish: natural
- Spring torque
 - M(0°): 0.12 Nm
 - M(90°): 0.09 Nm
 - M(180°): 0.06 Nm



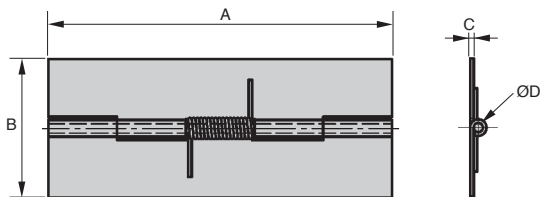
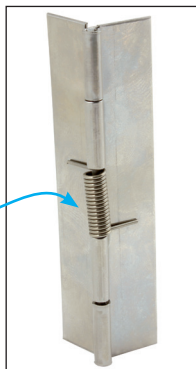
DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

Part number	A	B	C	ØD	F	G	ØS	Spring	Weight (g)	Price each
Steel										
CHAR7520	75	20	0,8	1,8	11,2	60	2	Opening	11,5	9,45 €
Stainless steel										
CHAR7520/SS	75	20	0,8	1,8	11,2	60	2	Opening	11,5	13,09 €

*Depending on availability - Dimensions in mm

- Hinge with opening spring
- Sheet metal with rolled knot
- Materials:
 - CHAR hinges:** steel, stainless steel spring
 - CHAR/SS hinges:** stainless steel 304, stainless steel spring
- Finish: natural
- Spring torque
 - M(0°): 0.12 Nm
 - M(90°): 0.095 Nm
 - M(180°): 0.07 Nm



DISCOUNTS

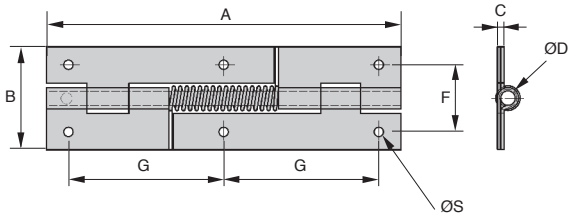
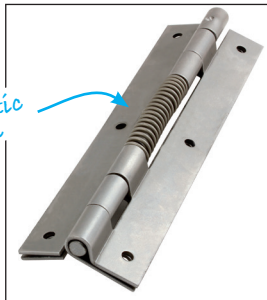
Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	ØD	Spring	Weight (g)	Stock*	Price each 1 to 5
Steel								
CHAR7530	75	30	0,8	2	Opening	17	-	14,36 €
Stainless steel								
CHAR7530/SS	75	30	0,8	2	Opening	17	✓	26,20 €

*Depending on availability - Dimensions in mm

- Hinge with opening or closing spring
- Sheet metal with rolled knot
- Materials:
 - CHAR hinges:** steel, spring :stainless steel
 - CHAR/SS:** Hinges: stainless steel 304 , spring : stainless steel
- Finish: natural
- Opening spring torque:
 - M(0°) : 0.9 Nm
 - M(90°) : 0.86 Nm
 - M(180°) : 0.6 Nm
- Closing spring torque:
 - M(0°) : 0.6 Nm
 - M(90°) : 0.86 Nm
 - M(180°) : 0.9 Nm

Automatic return



DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

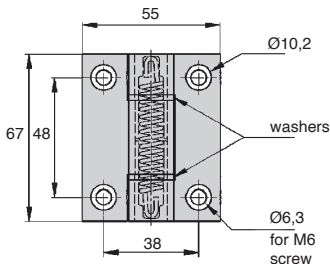
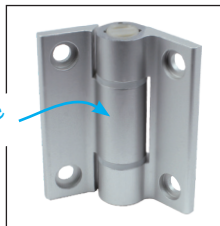
Part number	A	B	C	ØD	F	G	ØS	Spring	Weight (g)	Price each	
										Stock*	1 to 5
Steel											
CHAR16046	160	46	3	6,5	30	70	4,2	Opening	208	✓	36,98 €
CHAR16046-F	160	46	3	6,5	30	70	4,2	Closing	208	✓	28,22 €
Stainless steel											
CHAR16046/SS	160	46	3	6,5	30	70	4,2	Opening	208	✓	33,26 €

*Depending on availability - Dimensions in mm

- Hinge with concealed mechanism

- Automatic opening or closing of a door or panel
- Resists humidity
- Elegant design
- Low play
- Max opening angle 180°
- Working temp range: -20° to 80 °C
- Fixed using DIN912 screws (not supplied)
- Materials:
 - Black or natural finish aluminium
 - Centre: PA6.6 polyamide
 - Washer: POM
 - Spring: steel
- 0.35 Nm version is guaranteed for 30,000 operations
- 1.30 Nm version is guaranteed for 10,000 operations

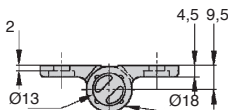
Automatic return



Applications

- Opening doors or covers
- Industrial machines
- Metallic furniture
- Medical equipment

Available in black



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	Torque (Nm)			Spring	Colour	Weight (g)	Stock*	Price each 1 to 5
	at 0°	at 90°	at 180°					
CHAR6755-L-AG	0,35	0,24	0,12	opening	natural	110	✓	29,33 €
CHAR6755-L-AN	0,35	0,24	0,12	opening	black	110	-	29,33 €
CHAR6755-H-AG	1,3	1,1	0,9	opening	natural	110	✓	31,88 €
CHAR6755-H-AN	1,3	1,1	0,9	opening	black	110	4	31,88 €
CHAR6755-H-AG-F	1,3	1,1	0,9	closing	natural	110	✓	37,36 €
CHAR6755-H-AN-F	1,3	1,1	0,9	closing	black	110	-	37,36 €

*Depending on availability - Dimensions in mm

Very easy to install

CHARCAV

- Spring-loaded hinges with stopper to lock the hinges in the open position for easy assembly

- 270° opening angle

- Material

304 stainless steel, stainless steel spring

- Spring torque

Opening spring:

M(0°): 1.6 Nm

M(90°): 1.2 Nm

M(180°): 0.84 Nm

Closing spring:

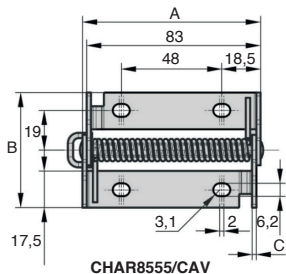
M(0°): 0.75 Nm

M(90°): 1.2 Nm

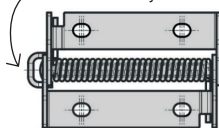
M(180°): 1.65 Nm

Info

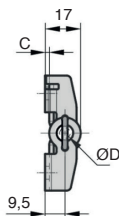
- Spring hinge opens or closes delivered flat



Remove stopper after assembly



CHAR8555-F/CAV



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	ØD	Type	Weight (g)	Stock*	Price each 1 to 5
CHAR8555/CAV	85	55	2	5	opening	107	✓	23,80 €
CHAR8555-F/CAV	85	55	2	5	closing	107	✓	23,80 €

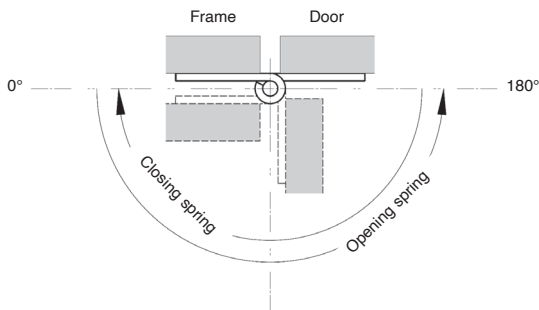
* Depending on availability - Dimensions in mm

Spring hinges

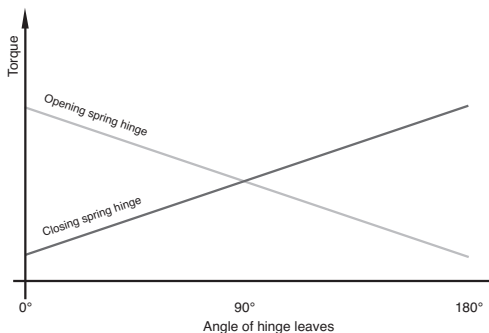
CHAR

Information

The way a spring hinge opens depends on the type of spring



Spring hinge torque depends on the angle



M: hinge torque at various positions

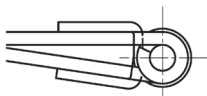
$M(0^\circ)$: torque when hinge leaves are parallel

$M(90^\circ)$: torque when leaves are at 90°

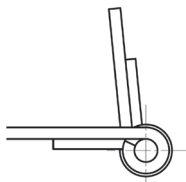
$M(180^\circ)$: torque when leaves are at 180°

Spring hinges are delivered as shown

When delivered, hinges will be in the following position:

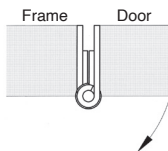


Closing spring hinge

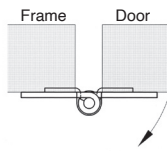


Opening spring hinge

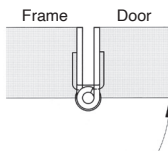
Mounting and opening direction



Opening spring hinge

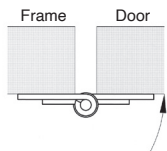


Closing spring hinge



Closing spring hinge

Concealed mounting



Opening spring hinge

Surface mounting

The arrow indicates the direction of rotation of the hinge due to the effect of the spring

Stay with safety catch

Stock **Sta**

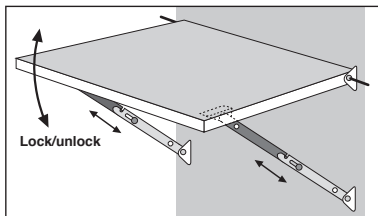
CPAS

For keeping a lid open

- **Support stay**
- Works in compression
- Opens upwards
- Material
Stainless steel 304, natural finish

Uses

- To close, open the lid in order to release the safety catch and then push the joint



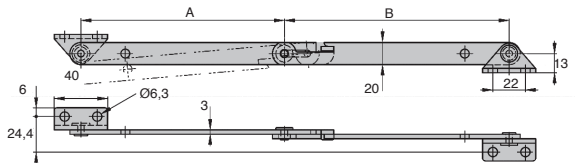
Typical application



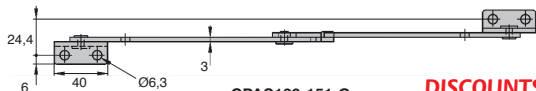
Unlock



Lock



CPAS139-151-D



CPAS139-151-G

DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List -5%	-10%	On request	

Part number	A	B	Weight (g)	Stock*	Price each 1 to 5
CPAS139-151-D	139	151	148	✓	33,56 €
CPAS139-151-G	139	151	148	✓	33,56 €

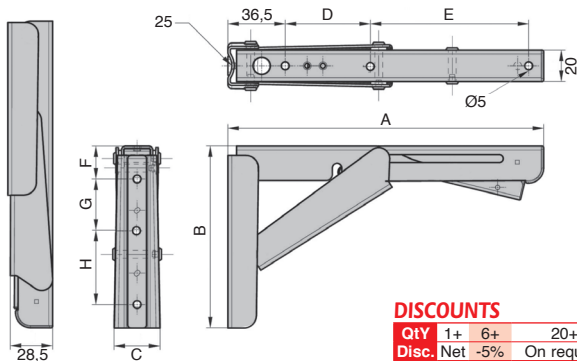
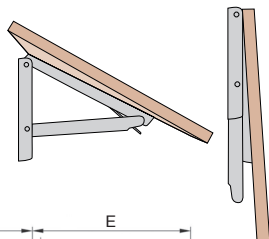
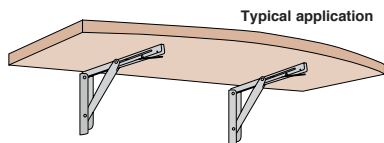
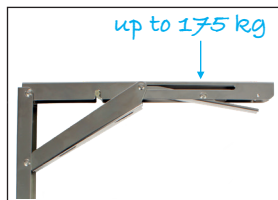
*Depending on availability - Dimensions in mm

- **Folding bracket**
- Automatic locking when in the open position
- Opening sens to the top
- Unlocking lever
- Materials:

Stainless steel 304 polished finish

Advantage

- Angle bracket with integrated hinge function



DISCOUNTS

Qty	1+	6+	20+
Disc.	Net	-5%	On request




Part number	A	B	C	D	E	H	F	G	Admissible load (kg)	Weight (g)	Stock*	Price each 1 to 5
CPAS305-165H	307	165	29	98	156	67	38	45	150	515	✓	157,01 €
CPAS200-116H	201	116	29	155	-	-	21	80	175	332	New ✓	122,59 €







*Depending on availability - Dimensions in mm

Buying guide

Telescopic slides



Part number	GLT2-17	GLT2-27	GLT3-46A
Extension	partial	partial	full
Number of rails	2	2	3
High (mm)	17	27	46
Thickness (mm)	10	10	12,7
Stroke (mm)	104 → 424	150 → 232	300 → 600
Loading per pair (kg)	10 	12 	35 
Characteristics	to be mounted in a groove	to be mounted in a groove	with damper + separable inner slide
Quality index	☆☆☆	☆☆☆	☆☆☆
Price	€	€€€	€€€
Pages	5 p.260	5 p.261	5 p.262

		
GLT3-46	GLT3E-50	GLT3E-58
full	super-full	super-full
3	3	3
46	50	58
12,7	12,7	19
300 → 700	338 → 738	338 → 738
45 	60 	90 
separable inner slide	separable inner slide	separable inner slide
☆☆☆	☆☆☆	☆☆☆
€€	€€	€€
5 p.263	5 p.264	5 p.265

Telescopic slide rails 2 or 3 rails for drawer

GLT

Introduction

- The telescopic drawer runner are composed of two (or more) ball-bearing guide rails assembled one inside of the other, which may be deployed telescopically.
- The load-bearing capacity of a telescopic drawer runner is determined by the following influencing factors:
 - Length of the runner
 - Lifting height
 - Number of cycles
 - Materials
 - Assembly method
 - System assembly



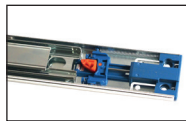
POSSIBLE OPERATIONAL CHARACTERISTICS OF THE TELESCOPIC DRAWER RUNNERS:



Self-closing position:

The mechanism keeps the guide in the closed position.

GLT2-17, GLT2-27, GLT3-46A, GLT3-46, GLT3E-50, GLT3E-58, GLT3-76



Soft closure:

Movement is dampened and the element automatically reaches the stop position.

In addition, a defined force must be exceeded in order to open the drawer, avoiding any involuntary opening.

GLT3-46A



Separable inner runner:

A separable inner runner makes it possible to detach the inner section of the runner. The movable element can then be wholly removed from the guide rail.

GLT3-46A, GLT3-46, GLT3E-50, GLT3E-58, GLT3-76

Telescopic slide rails 2 or 3 rails for drawer

Introduction

GLT

Types of extension:

Partial extension: Drawer runners GLT2

Course (extension length) approx. 70-80%
of the length of the rail

Full extension: Drawer runners GLT3

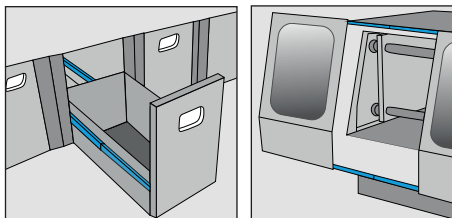
Drawer runners GLT3 Course (extension length) 100%
of the length of the rail

Super-extension: Drawer runners GLT3E

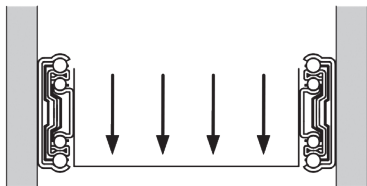
Course (extension length) >100%
of the length of the rail

- Temperature range:

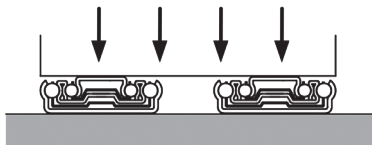
• Operating temperature: +10°C to +40°C



Example of applications



Vertical portrait assembly is defined by overlapping rows of ball bearings. This construction proves to be very resistant to warping and increases the service life as well as the resistance of the guide rails.

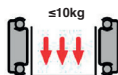


Horizontal assembly is also possible but it is not recommended. The load values are much lower than those for the guide rails assembled vertically.

Steel telescopic drawer runners **for groove mounting**

GLT2-17 Partial extension, load **up to 10kg**

- The course is shorter than the length of the rail
- Self-closing position
- **Load-bearing capacity per pair: 10kg (assembled vertically)**
- The load-bearing capacities indicated refer to the maximum value for 20,000 cycles.
- Components:
 - Plated steel drawer runners
 - Plastic ball bearing cage
 - Hardened steel ball bearings

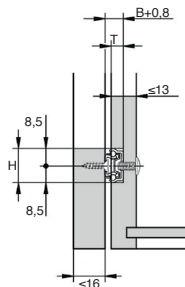
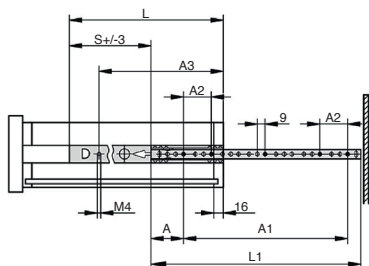


Advantage

- An economic solution for guiding drawers or other similar elements with low friction and high lateral stability

More info

- Sold by pair
- The load-bearing capacity of all telescopic drawer runners is tested according to the DIN EN 15338 standard, level 1.



DISCOUNTS

Qty	1+	4+	6+
Disc.	Price	-10%	On request

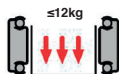
Part number	A	A2	A3	A3	B	H	L	L1	Stroke S	Groove depth T	Drawer depth from/to	Pair price 1 to 3
GLT2-17-104	37	32	132	10	10	17	164	182	104	6-7	185-260	4,84 €
GLT2-17-125	37	32	153	10	10	17	185	182	125	6-7	185-305	4,91 €
GLT2-17-145	37	32	185	10	10	17	217	214	145	6-7	220-355	5,13 €
GLT2-17-165	37	32	217	10	10	17	249	246	165	6-7	250-410	5,79 €
GLT2-17-348	37	32	418	10	10	17	450	278	348	6-7	450	6,80 €
GLT2-17-366	37	32	448	10	10	17	480	310	366	6-7	480	7,85 €
GLT2-17-368	37	32	468	10	10	17	500	310	368	6-7	500	8,14 €
GLT2-17-424	37	32	518	10	10	17	550	342	424	6-7	550	10,36 €

Dimensions in mm

Steel telescopic drawer runners for groove mounting

Partial extension, load **up to 12kg** **GLT2-27**

- The course is shorter than the length of the rail
- Self-closing position
- Load-bearing capacity per pair: 12kg (assembled vertically)
- The load-bearing capacities indicated refer to the maximum value for 20,000 cycles.
- Components:
 - Plated steel drawer runners
 - Plastic ball bearing cage
 - Hardened steel ball bearings

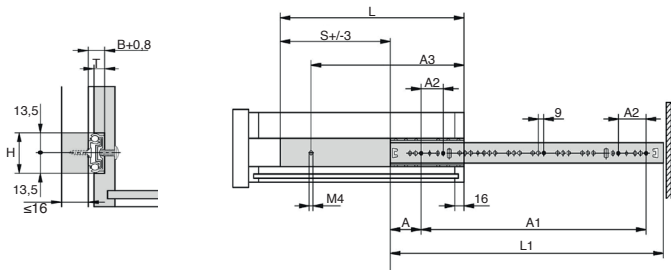


Advantage

- An economic solution for guiding drawers or other similar elements with low friction and high lateral stability.

More info

- Sold by pair
- The load-bearing capacity of all telescopic drawer runners is tested according to the DIN EN 15338 standard, level 1.



DISCOUNTS

Qty	1+	4+	6+
Disc.	Price -10%	On request	

Part number	A	A1	A2	A3	B	H	L	L1	Stroke	Groove depth	Drawer depth from/to	Pair price 1 to 3
GLT2-27-150	37	160	32	190	10	27	222	214	150	6-7	230-350	10,25 €
GLT2-27-232	37	288	32	296	10	27	328	342	232	6-7	350-550	15,77 €

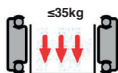
Dimensions in mm

Telescopic steel slides with shock absorber

GLT3-46A

Integral extension,
load up to 35kg

- The stroke is equal to the length of the rail
- Hold in closed position
- The drawer can be easily removed and separated from the guide rail by operating the release lever
- The damper cushions the telescopic slides as they close, automatically bringing them to the stop position
- Lift per pair 35kg (vertically mounted)
- Lift per pair 35kg (vertically mounted)
- The load capacities indicated refer to the maximum value for 50,000 cycles
- Materials:
 - Zinc-plated and blue passivated steel slides
 - Steel and plastic ball cage
 - Hardened steel balls

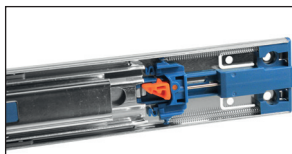


Advantage

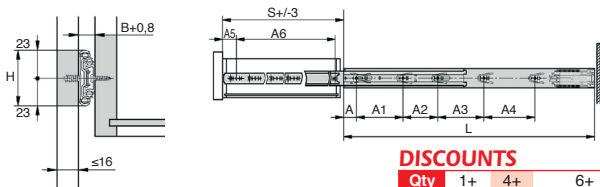
- Cost-effective solution for guiding drawers or similar items with low friction and high lateral stability

More info

- Sold in pairs
- The load-bearing capacity of telescopic slides is tested to DIN EN 15338, level 2



With shock absorber



DISCOUNTS

Qty	1+	4+	6+
Disc.	Price	-10%	On request

Part number	Stroke										Pair price 1 to 3
	A	A1	A2	A3	A5	A6	B	H	L	S	
GLT3-46A-300	35	128	-	-	35	171	12,7	46	300	300	39,35 €
GLT3-46A-350	35	128	64	-	35	220	12,7	46	350	350	43,25 €
GLT3-46A-400	35	128	64	-	35	254	12,7	46	400	400	47,20 €
GLT3-46A-450	35	128	96	-	35	294	12,7	46	450	450	51,16 €
GLT3-46A-500	35	128	96	64	35	344	12,7	46	500	500	55,05 €
GLT3-46A-550	35	128	96	128	35	394	12,7	46	550	550	59,96 €
GLT3-46A-600	35	128	96	160	35	444	12,7	46	600	600	64,91 €

Dimensions in mm

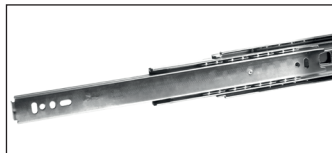
Steel telescopic slides

Full extension,
load up to 45kg

GLT3-46

- The stroke is equal to the length of the rail
- Hold in closed position
- The drawer can be easily removed and separated from the guide rail by operating the release lever.
- Capacity per pair 45kg (vertically mounted)
- The load capacities indicated refer to the maximum value for 20,000 cycles.
- Materials:

Zinc-plated and blue passivated steel slides
Steel and plastic ball cage
Hardened steel balls

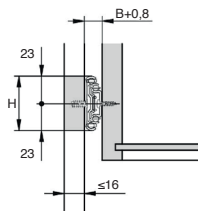
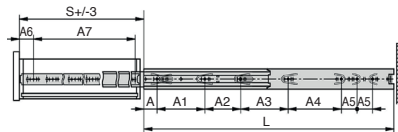


Advantage

- An economic solution for guiding drawers or other similar elements with low friction and high lateral stability

More info

- Sold in pairs
- The load-bearing capacity of telescopic slides is tested to DIN EN 15338, level 1



DISCOUNTS

Qty	1+	4+	6+
Disc.	Price	-10%	On request

Part number	A	A1	A2	A3	A4	A5	A6	A7	B	H	L	Stroke		Pair price	
												S	S		
GLT3-46-300	35	128	96	-	-	-	35	242	12,7	46	300	300		1 to 3	20,50 €
GLT3-46-350	35	128	96	-	-	-	35	292	12,7	46	350	350			22,81 €
GLT3-46-400	35	128	96	96	-	-	35	342	12,7	46	400	400			24,97 €
GLT3-46-450	35	128	96	128	-	-	35	392	12,7	46	450	450			27,23 €
GLT3-46-500	35	128	96	128	64	-	35	442	12,7	46	500	500			28,99 €
GLT3-46-550	35	128	96	128	64	32	35	492	12,7	46	550	550			35,48 €
GLT3-46-600	35	128	96	128	96	32	35	542	12,7	46	600	600			40,18 €
GLT3-46-650	35	128	96	128	160	32	35	592	12,7	46	650	650			42,17 €
GLT3-46-700	35	128	96	128	192	32	35	642	12,7	46	700	700			45,31 €

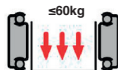
Dimensions in mm

Steel telescopic slide

GLT3E-50

Super extension, load up to 60kg

- Stroke is greater than rail length for greater comfort and accessibility
- Hold in closed position
- The drawer can be easily removed and separated from the guide rail by operating the release lever
- Capacity per pair 60kg (vertically mounted)
- The load capacities indicated refer to the maximum value for 20,000 cycles.
- Materials:
 - Zinc-plated and blue passivated steel slides
 - Steel and plastic ball cage
 - Hardened steel balls

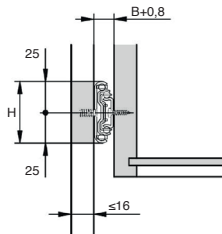
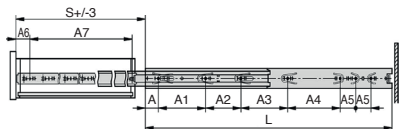


Advantage

- Cost-effective solution for guiding drawers or similar items with low friction and high lateral stability

More info

- Sold in pairs
- The load-bearing capacity of telescopic slides is tested to DIN EN 15338, level 1



DISCOUNTS

Qty	1+	4+	6+
Disc.	Price -10%	On request	

Part number	A	A1	A2	A3	A4	A5	A6	A7	B	H	L	Stroke		Pair price
												S	S	
GLT3E-50-338	35	128	96	-	-	-	35	242	12,7	50	300	338		45,27 €
GLT3E-50-388	35	128	96	-	-	-	35	292	12,7	50	350	388		49,37 €
GLT3E-50-438	35	128	96	96	-	-	35	342	12,7	50	400	438		53,85 €
GLT3E-50-488	35	128	96	128	-	-	35	392	12,7	50	450	488		58,34 €
GLT3E-50-538	35	128	96	128	64	-	35	442	12,7	50	500	538		62,82 €
GLT3E-50-588	35	128	96	128	64	32	35	492	12,7	50	550	588		68,45 €
GLT3E-50-638	35	128	96	128	96	32	35	542	12,7	50	600	638		74,07 €
GLT3E-50-688	35	128	96	128	160	32	35	592	12,7	50	650	688		79,64 €
GLT3E-50-738	35	128	96	128	192	32	35	642	12,7	50	700	738		86,39 €

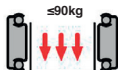
Dimensions in mm

Steel telescopic slide

Super extension,
load up to 90kg

GLT3E-58

- Stroke is greater than rail length for greater comfort and accessibility
- Hold in closed position
- The drawer can be easily removed and separated from the guide rail by operating the release lever.
- Capacity per pair 90kg (vertically mounted)
- The load capacities indicated refer to the maximum value for 20,000 cycles.
- Materials :
 - Zinc-plated and blue passivated steel slides
 - Steel and plastic ball cage
 - Hardened steel balls

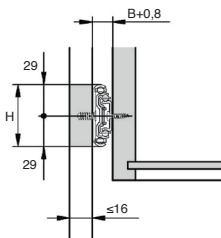
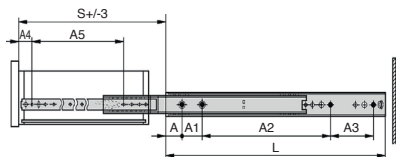


Advantage

- Cost-effective solution for guiding drawers or similar items with low friction and high lateral stability

More info

- Sold in pairs
- Load capacity of telescopic slides H is tested to DIN EN 15338, level 1



DISCOUNTS

Qty	1+	4+	6+
Disc.	Price -10%	On request	

Part number	A	A1	A2	A3	A4	A5	B	H	L	Stroke		Pair price
										S	S	
GLT3E-58-338	31,75	57	122	-	31,75	233,5	19	58	300	338		57,91 €
GLT3E-58-388	31,75	57	172	-	31,75	283,5	19	58	350	388		63,70 €
GLT3E-58-438	31,75	57	111	111	31,75	333,5	19	58	400	438		69,48 €
GLT3E-58-488	31,75	57	136	136	31,75	383,5	19	58	450	488		75,29 €
GLT3E-58-538	31,75	57	161	161	31,75	433,5	19	58	500	538		85,43 €
GLT3E-58-588	31,75	57	186	186	31,75	483,5	19	58	550	588		88,33 €
GLT3E-58-638	31,75	57	211	211	31,75	533,5	19	58	600	638		95,53 €
GLT3E-58-688	31,75	57	236	236	31,75	583,5	19	58	650	688		102,78 €
GLT3E-58-738	31,75	57	261	261	31,75	633,5	19	58	700	738		111,47 €

Dimensions in mm

SQUARE TUBE STRUCTURES

P. 269-290

SQUARE TUBE



p.269

**SQUARE TUBE
CONNECTOR**



p.271

SECURITY PULL HAND

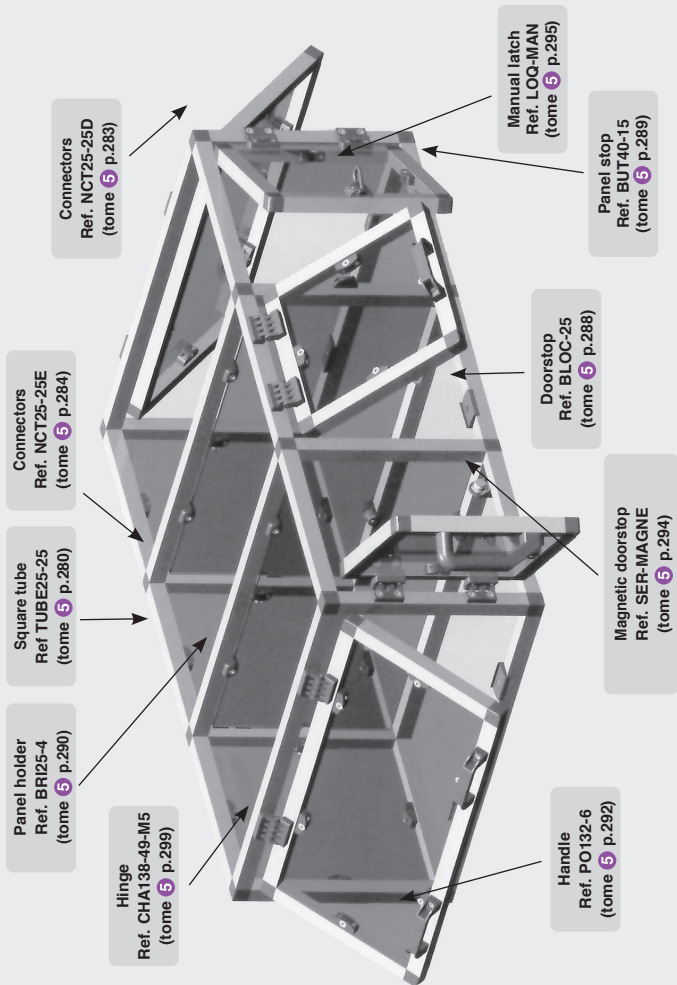


p.283

MANUAL LATCH



p.285



Panel holder
Ref. BRI25-4
(tome 5 p.290)

Square tube
Ref TUBE25-25
(tome 5 p.280)

Connectors
Ref. NCT25-25E
(tome 5 p.284)

Connectors
Ref. NCT25-25D
(tome 5 p.283)

Hinge
Ref. CHA138-49-M5
(tome 5 p.299)

Handle
Ref. PO132-6
(tome 5 p.292)

Magnetic doorstop
Ref. SER-MAGNE
(tome 5 p.294)

Doorstop
Ref. BLOC-25
(tome 5 p.288)

Panel stop
Ref. BUT40-15
(tome 5 p.289)

Manual latch
Ref. LOQ-MAN
(tome 5 p.295)



**FREE
CATALOGUES**

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



**VOLUME
DISCOUNT**



**MINIMUM
ORDER
20€***



**MADE TO
MEASURE
AVAILABLE**



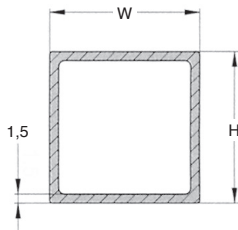
**FAST
QUOTES
& ORDERS**

* Certain conditions apply - Deliveries to mainland France only

- Tube for building structures
- Materials: Stainless steel or anodised aluminium
- Square tube 25 x 25mm

Accessories

- Product guide (tome 5 p.267)



DISCOUNTS

Qty	1+	10+	21+
Disc.	List	-5%	On request

Part number	Material	H	W	Length (mm)	Weight (kg/m)	Stock*	Price each 1 to 9
TUBE25-25/SS	Stainless steel	25	25	3000	3,21	-	84,20 €
TUBE25-25/AL	Aluminium	25	25	3000	1,09	-	57,89 €

*Depending on availability - Dimensions in mm

Structural fixing support



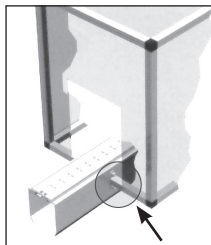
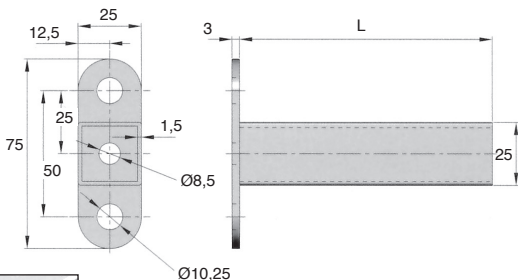
EFTC

Stainless steel

- Fixing support for square section tube
- Material: stainless steel 304

Accessories

- Tube TUBE25-25 (tome 5 p.269)



Typical application

DISCOUNTS

Qty	1+	10+	21+
Disc.	List	-5%	On request

Part number	L	Weight (kg)	Stock*	Price each 1 to 9
EFTC25-50/SS	50	0,09	-	11,09 €
EFTC25-100/SS	100	0,15	-	11,98 €
EFTC25-150/SS	150	0,20	-	13,05 €

*Depending on availability - Dimensions in mm



Square tube connector

Plastic

NCTA
NCTB

- For square tube $\square 25 \times 25 \times 1.5$ mm
- Material: reinforced polyamide

Info.

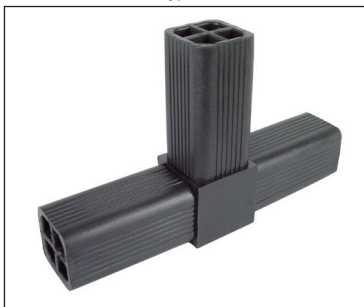
- Not sold individually, please contact us for details

Accessories

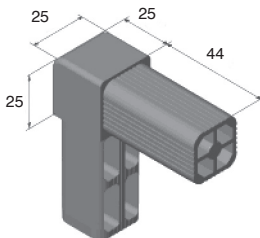
- Tube for structure TUBE (tome 5 p.269)



Type A



Type B



DISCOUNTS

Qty	1+	20+	30+
Disc.	List	-10%	On request

Part number	Weight (kg)	Type	Stock*	Price each 1 to 19
NCT25-25A	0,05	A	✓	9,97 €
NCT25-25B	0,07	B	✓	11,16 €

*Depending on availability - Dimensions in mm

Square tube connector



NCT_C
NCT_D

Plastic

- For square tube $\square 25 \times 25 \times 1.5$ mm
- Material: reinforced polyamide

Info.

- Not sold individually, please contact us for details

Accessories

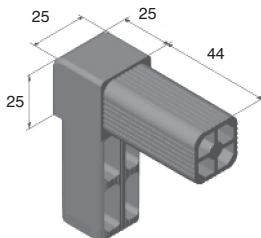
- Tube for structure TUBE (tome 5 p.269)



Type C



Type D



DISCOUNTS

Qty	1+	20+	30+
Disc.	List	-10%	On request

Part number	Weight (kg)	Type	Stock*	Price each 1 to 19
NCT25-25C	0.09	C	✓	11.09 €
NCT25-25D	0.07	D	✓	10.87 €

*Depending on availability - Dimensions in mm



Square tube connector

Plastic

NCT^E
NCT^F

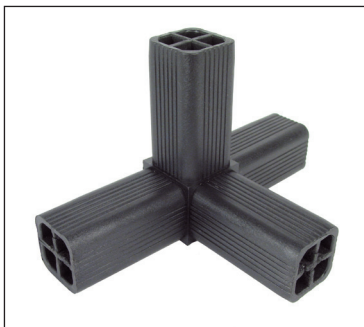
- For square tube $\square 25 \times 25 \times 1.5$ mm
- Material: reinforced polyamide

Info.

- Not sold individually, please contact us for details

Accessories

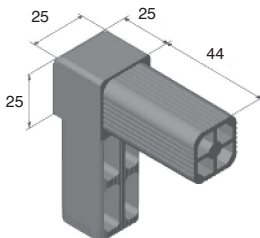
- Tube for structure TUBE (tome 5 p.269)



Type E



Type F



DISCOUNTS

Qty	1+	20+	30+
Disc.	List	-10%	On request

Part number	Weight (kg)	Type	Stock*	Price each 1 to 19
NCT25-25E	0,09	E	✓	11,09 €
NCT25-25F	0,11	F	✓	11,56 €

*Depending on availability - Dimensions in mm

Square tube connector



NCT_G
NCT_H

Plastic

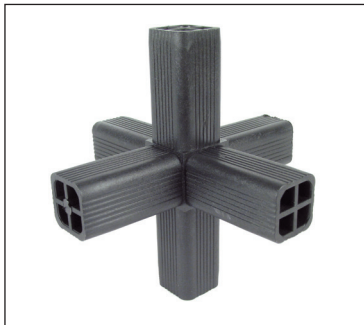
- For square tube $\square 25 \times 25 \times 1.5$ mm
- Material: reinforced polyamide

Info.

- Not sold individually, please contact us for details

Accessories

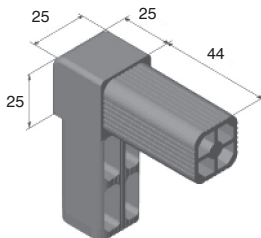
- Tube for structure TUBE (tome 5 p.269)



Type G



Type H



DISCOUNTS

Qty	1+	20+	30+
Disc.	List	-10%	On request

Part number	Weight (kg)	Type	Stock*	Price each 1 to 19
NCT25-25G	0.13	G	-	12.47 €
NCT25-25H	0.05	H	✓	9.97 €

*Depending on availability - Dimensions in mm



Variable angle connector

Plastic

NCTAT

- For square tube $\varnothing 25 \times 25 \times 1.5$ mm
- Materials:
Body: reinforced polyamide
Screws: stainless steel

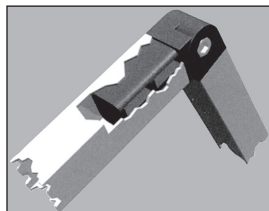
Info.

- Not sold individually, please contact us for details

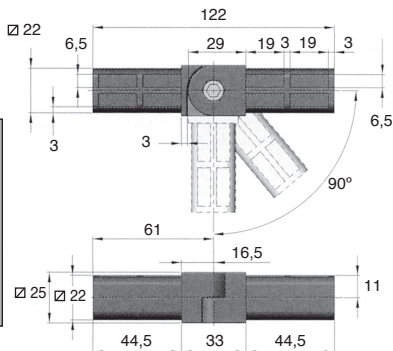
Accessories

- Tube for structure TUBE (tome 5 p.269)

Adjustable



Example of use



DISCOUNTS

Qty	1+	20+	30+
Disc.	List	-10%	On request

Part number	Weight (kg)	Type	Stock*	Price each 1 to 19
NCT25-25AT	0.12	AT	✓	12,14 €

*Depending on availability - Dimensions in mm

End cap for square tube

Stock Pla

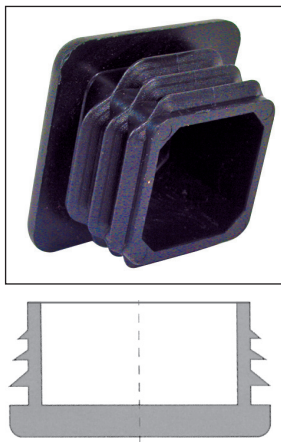
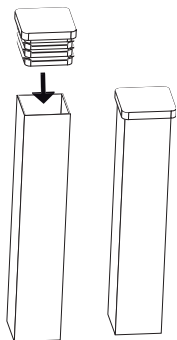
BTC

Black plastic

- Material: black technopolymer

Info.

- Dimensions are given as a guide and are subject to change
- Not sold individually, please contact us for details



DISCOUNTS

Qty	1+	60+	100+	200+
Disc. List		-5%	-10%	On request

Part number	External tube	Tube thickness	Stock*	Price each 1 to 59
BTC10	10x10	1-2	-	0,18 €
BTC12	12x12	1-2	-	0,18 €
BTC13	13x13	0,5-2	-	On request
BTC15	15x15	1-2	-	0,22 €
BTC16	16x16	1-2,5	-	0,24 €
BTC18	18x18	1,5-3	-	0,24 €
BTC20	20x20	1-3	✓	0,24 €
BTC22	22x22	1-3	-	0,28 €
BTC25/1-3	25x25	1-3	✓	0,28 €
BTC28	28x28	1-3	-	0,56 €
BTC30/1-2,5	30x30	1-3	✓	0,56 €
BTC30/2,5-4,5	30x30	2,5-4,5	✓	0,69 €
BTC35/1-3	35x35	1-3	✓	1,05 €
BTC35/2,5-5	35x35	2,5-5	✓	1,05 €
BTC40/1-3	40x40	1-3	✓	1,40 €
BTC40/2,5-4	40x40	3-5	-	1,40 €

Part number	External tube	Tube thickness	Stock*	Price each 1 to 59
BTC40/5-5,5	40x40	4,5-5,5	✓	1,40 €
BTC45	45x45	1-3	✓	1,52 €
BTC50/1-2,5	50x50	1-2,5	✓	1,77 €
BTC50/2,6-4	50x50	2,6-4	✓	1,94 €
BTC50/3,5-6	50x50	3,5-6	✓	2,01 €
BTC60/1,5-3,5	60x60	1-3,5	✓	3,13 €
BTC60/3-5	60x60	3-5	✓	3,13 €
BTC70	70x70	2-5	✓	5,27 €
BTC80/2-4	80x80	2-4	✓	5,87 €
BTC80/3-5	80x80	2,5-5	-	6,14 €
BTC90/2-5	90x90	2-5	-	10,52 €
BTC100/1-4	100x100	1-4	✓	11,94 €
BTC100/5-8	100x100	5-8	✓	11,88 €
BTC120	120x120	2,5-6	✓	18,44 €
BTC150/5-8	150x150	5-8	-	31,23 €
BTC150/10-12,5	150x150	10-12,5	-	31,23 €

*Depending on availability - Dimensions in mm

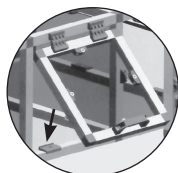
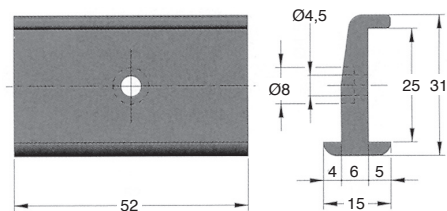
- Accessory for square tube structure
- Material: reinforced polyamide

Info.

- Not sold individually, please contact us for details

Accessories

- SER magnetic lock (tome 5 p.284)
- CHA hinge (tome 5 p.288)
- LOQ manual latch (tome 5 p.285)



Typical application

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Weight (kg)	Stock*	Price each 1 to 49
BLOC-25	0,01	-	4,81 €

*Depending on availability - Dimensions in mm

Panel stop



BUT

Plastic

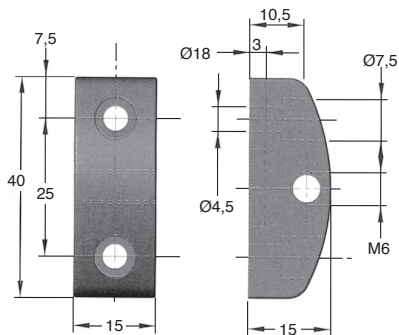
- Accessory for square tube structure
- Material: reinforced polyamide

Info.

- Not sold individually, please contact us for details

Accessories

- Tube for structure TUBE (tome 5 p.269)



Typical application

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Weight (kg)	Stock*	Price each 1 to 49
BUT40-15	0,01	✓	7,64 €

*Depending on availability - Dimensions in mm

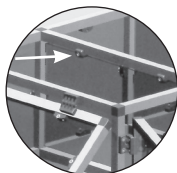
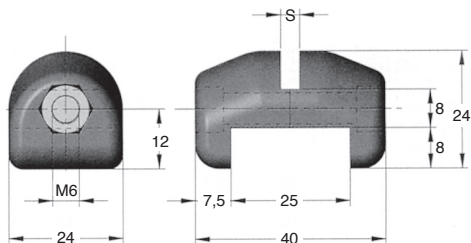
- Accessory for square tube structure
- Materials:
Clamp: reinforced polyamide
Screws: stainless steel

Info.

- Not sold individually,
please contact us for details

Accessories

- PSP panel support profile
(tome 5 p.287)
- BUT panel stop
(tome 5 p.278)



Typical application

DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	

Part number	S	Weight (kg)	Stock*	Price each 1 to 49
BRI25-4	4	0,03	✓	5,29 €
BRI25-5	5	0,03	✓	5,29 €
BRI25-6	6	0,03	✓	5,29 €

*Depending on availability - Dimensions in mm

Multi-sector enclosure/door handle

PO

Back to back mounting

- Ideal for back mounting, i.e. a PO handle used on one side with a PO-M handle on the other (see typical application)

- Colour: matt black

- Materials:

Handle: Fibreglass reinforced Technopolymer

Insert: Brass (PO-M version)

- PO version has a smooth bored hole for socket head screw

- PO-M has a blind threaded insert



PO version



PO-M version

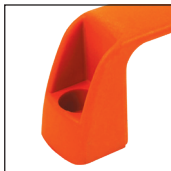


Black



Red: safety

Add: /R
to end of part number



Orange:

furniture, kitchens

Add: /O
to end of part number



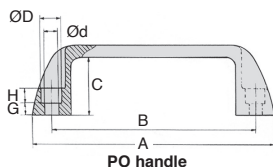
Grey: food industry

Add: /G
to end of part number

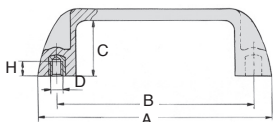


White: medical

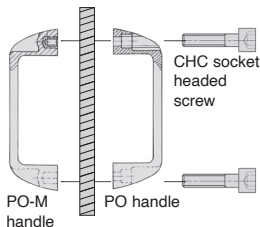
Add: /W
to end of part number



PO handle



PO-M handle



Back to back mounting

DISCOUNTS

Qty	1+	6+	20+	50+	100+	250+
Disc.	List	-5%	-10%	-15%	-20%	On request

Part number	B	A	E	F	C	G	H	ØD	Ød	Stock*	Price each 1 to 5
With smooth hole											
PO93-6	93,5	112	21	36	30	6	7	10,5	6,5	✓	4,16 €
PO117-6	117	139	26	41	34	6	9	10,5	6,5	✓	4,53 €
PO117-8	117	139	26	41	34	6	9	13,0	8,5	✓	4,53 €
PO132-6	132	156	27	45	37	9	7	10,5	6,5	✓	6,18 €
PO132-8	132	156	27	45	37	7	9	13,0	8,5	✓	9,09 €
PO179-8	179	204	28	50	42	8	9	13,0	8,5	✓	9,09 €
With threaded hole											
PO93-M5	93,5	112	21	36	30	-	9	M5	-		5,35 €
PO93-M6	93,5	112	21	36	30	-	9	M6	-	✓	6,38 €
PO117-M6	117	139	26	41	34	-	9	M6	-	✓	6,70 €
PO117-M8	117	139	26	41	34	-	9	M8	-	✓	6,70 €
PO132-M6	132	156	27	45	37	-	9	M6	-	✓	7,49 €
PO132-M8	132	156	27	45	37	-	9	M8	-	✓	7,49 €
PO179-M8	179	204	28	50	42	-	9	M8	-	✓	10,84 €

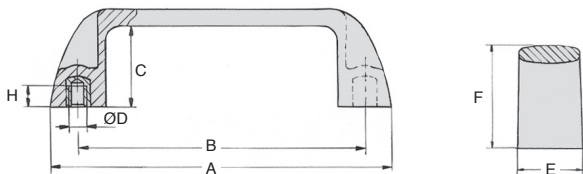
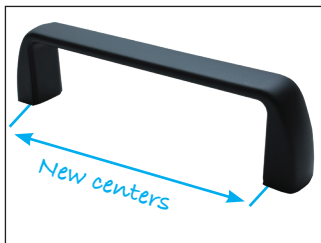
* Depending on availability - Dimensions in mm

Gripping handle for both pushing and pulling

- Rear mounting
- Working T° -30°C to +130°C
- Materials:
Thermoplastic PA6 glass fiber reinforced
Brass inserts with tapped blind hole

Advantages

- Very strong
- 110mm and 120mm centres correspond to German standards
- No product retention



DISCOUNTS

Qty	1+	6+	20+	50+	100+	250+
Disc.	List	-5%	-10%	-15%	-20%	On request

Part number	B	A	E	F	C	H	ØD	Weight (g)	Price each 1 to 5
PCA93-M5	93,5±0,5	111	23	36	29	9	M5	41	5,41 €
PCA93-M6	93,5±0,5	111	23	36	29	9	M6	42	5,41 €
PCA105-M5	105±0,5	121	26	37	29	9	M5	46	5,79 €
PCA105-M6	105±0,5	121	26	37	29	9	M6	48	5,79 €
PCA110-M5	110±0,5	133	26	40	32	9	M5	58	6,30 €
PCA110-M6	110±0,5	133	26	40	32	9	M6	60	6,30 €
PCA117-M5	117±1	133	26	40	32	9	M5	57	6,51 €
PCA117-M6	117±1	133	26	40	32	9	M6	59	6,51 €
PCA117-M8	117±1	133	26	40	32	9	M8	61	6,51 €
PCA120-M8	120±1	137	26	40	32,5	9	M8	58	6,61 €
PCA132-M8	132±1	150	26	45	37	9	M8	68	7,52 €
PCA150-M8	150±1	169	27	45	37	9	M8	76	8,41 €
PCA179-M8	179±1	200	28	51	42	9	M8	101	9,61 €
PCA179-M10	179±1	200	28	51	42	13	M10	101	9,64 €

Dimensions in mm

Security pull hand

Thermoplastic

PSEC

Gripping handle for both pushing and pulling

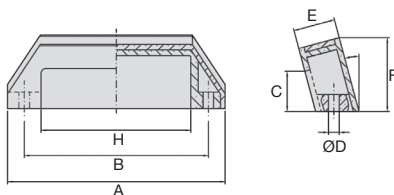
- Blind handle, without finger hole
- Fixing with screws (not supplied)
- Working T°: -20°C to +110°C
- Material:
 - Glass fiber reinforced black thermoplastic PP
 - Orange cap RAL2004

Advantages

- The shape of the handle prevents the complete passage of the fingers and thus protects them from a shearing effect



Prevents pinching



DISCOUNTS

Qty	1+	6+	20+	50+	100+	250+
Disc.	List	-5%	-10%	-15%	-20%	On request

Part number	B	A	E	F	C	H	ØD	Weight (g)	Price each 1 to 5
PSEC110-6	110+/-1	128	25	44	24	85	6,5	62	6,87 €

Dimensions in mm

Magnetic doorstop



SER

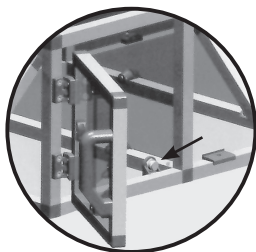
Plastic

- Accessory for square tube structure
- With adjustable magnet
- Material:
Body: reinforced polyamide

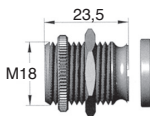
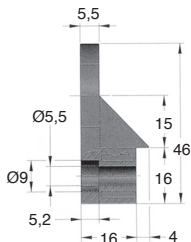
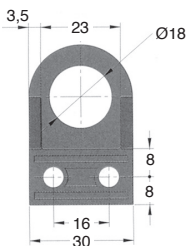


Accessories

- LOQ manual lock (tome 5 p.285)
- CHA hinge (tome 5 p.288)
- BLOC doorstop (tome 5 p.277)



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

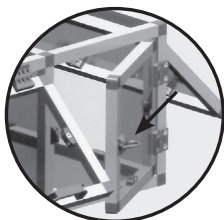
Part number	Weight (kg)	Stock*	Price each 1 to 49
SER-MAGNE	0,6	✓	19,34 €

*Depending on availability - Dimensions in mm

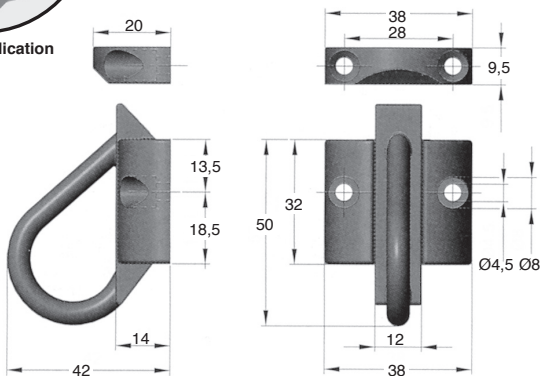
- Accessory for square tube structure
- Material: reinforced polyamide

Accessories

- Hinge **CHA** (tome **5** p.288)
- Doorstop **BLOC** (tome **5** p.277)



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Weight (kg)	Stock*	Price each 1 to 49
LOQ-MAN	0,01	✓	8,02 €

*Depending on availability - Dimensions in mm

Sliding panel support



PGT

Plastic

- For square tube $\square 25 \times 25$

- Material: polyethylene

- Colour: black

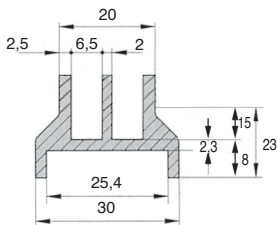
Info.

- PGT25-D comprises 2 elements, top and bottom

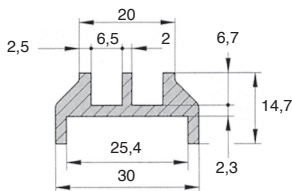
Accessories

- Structural tube TUBE (tome 5 p.269)

- Support profiles PSP (tome 5 p.287)

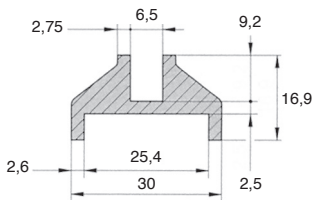


Top part

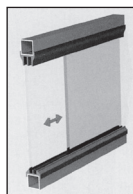


Profile type PGT-D

Bottom part



Profile type PGT-S



Typical application

DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	Type	Length (mm)	Weight (kg/m)	Stock*	Price each 1 to 4
PGT25-S	Single	2000	0,53	✓	40,36 €
PGT25-D	Double	2000	0,85	-	123,87 €

*Depending on availability - Dimensions in mm

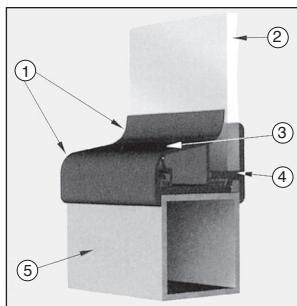
- For square tube $\square 25 \times 25$
- Material: rigid and flexible PVC

Info.

- Panel thickness (X) should be between 5 and 8mm

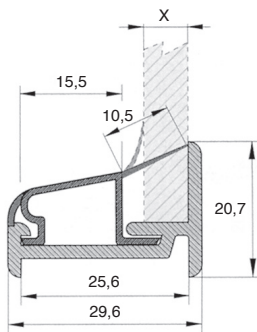
Accessories

- Structural tube TUBE (tome 5 p.269)
- Panel stop BUT (tome 5 p.278)
- Panel holder BRI (tome 5 p.279)



Typical application

- 1) Flexible PVC element
- 2) Panel
- 3) Upper profile
- 4) Lower profile
- 5) Square tube



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	Length (mm)	Weight (kg)	Stock*	Price each 1 to 4
PSP-25	3000	0,27	✓	104,22 €

*Depending on availability - Dimensions in mm

Bolt-on hinge



CHA

Opens to 135°

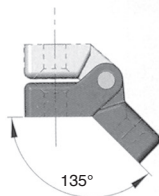
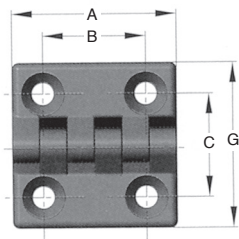
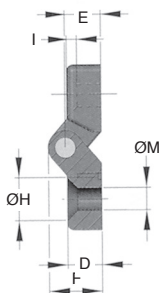
- Accessory for square tube structure
- Surface mounting hinge
- Materials:
Hinge: reinforced polyamide
Pin: zinc plated steel

Info.

- Not sold individually, please contact us for details

Accessories

- Magnetic lock SER (tome 5 p.284)
- Doorstop BLOC (tome 5 p.277)
- Manual latch LOQ (tome 5 p.285)



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	A	B	C	D	E	F	G	ØH	I	ØM	Stock*	Price each 1 to 49
CHA135-48	48	30	30	10	10	15	48	13,5	3,0	6,5	✓	7,32 €
CHA135-64	64	40	40	13	13	19	64	13,5	3,0	6,5	✓	7,81 €
CHA135-96	96	60	63	16	17	24	96	16,0	4,6	8,0	✓	10,20 €

*Depending on availability - Dimensions in mm

Opens to 138°

CHA

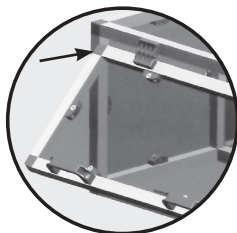
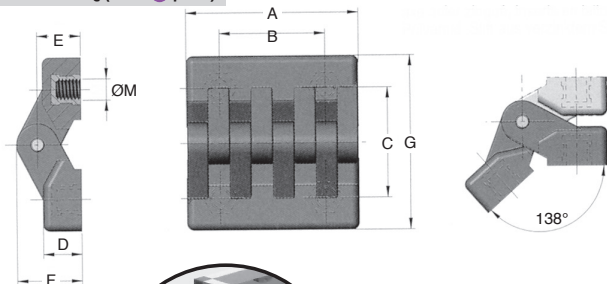
- Accessory for square tube structure
- Surface mounting hinge
- Materials:
Hinge: reinforced polyamide
Pin: zinc plated steel
Inserts: brass

Info.

- Not sold individually, please contact us for details

Accessories

- Magnetic lock SER (tome 5 p.284)
- Doorstop BLOC (tome 5 p.277)
- Manual latch LOQ (tome 5 p.285)



Typical application

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	A	B	C	D	E	F	G	ØM	Stock*	Price each 1 to 49
CHA138-49-M5	49	30	32	11	13	19	49	M5	-	20,51 €
CHA138-49-M6	49	30	32	11	13	19	49	M6	✓	20,51 €

*Depending on availability - Dimensions in mm

Bolt-on hinge with threaded inserts



CHA

Opens to 225°

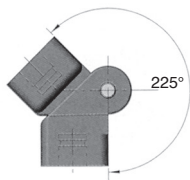
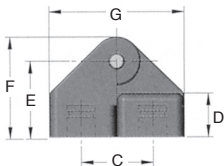
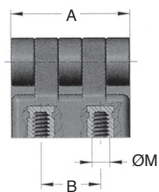
- Accessory for square tube structure
- Surface mounting hinge
- Materials:
Hinge: reinforced polyamide
Pin: zinc plated steel
Inserts: brass

Info.

- Not sold individually, please contact us for details

Accessories

- Magnetic lock SER (tome 5 p.284)
- Doorstop BLOC (tome 5 p.277)
- Manual lock LOQ (tome 5 p.285)



DISCOUNTS

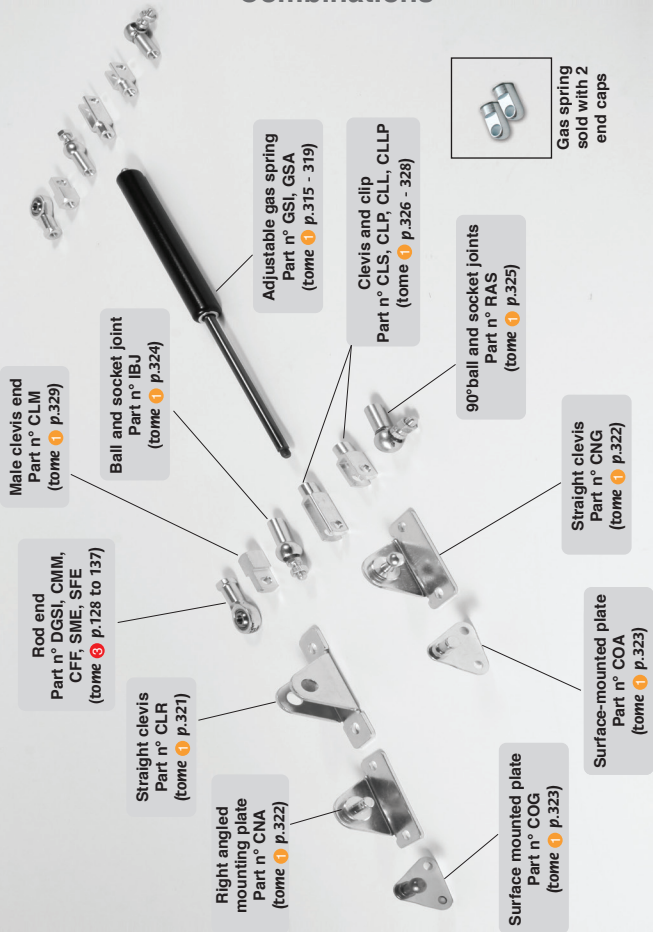
Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	A	B	C	D	E	F	G	ØM	Stock*	Price each 1 to 49
CHA225-30	30	15	18	11	19	25	36	M5	✓	6,85 €
CHA225-54	54	30	21	13	22	29	42	M6	✓	9,67 €
CHA225-78	78	42	31	16	29	40	62	M8	-	18,81 €

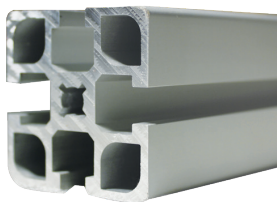
*Depending on availability - Dimensions in mm

Accessories for gas springs

Combinations



ALUMINIUM PROFILE



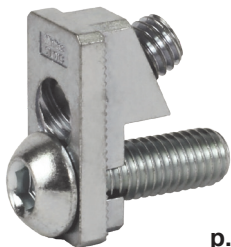
p.299

CABLE-CARRIER CHAIN



p.310

FASTENER FOR PROFILE



p.312

FASTENER FOR ALUMINIUM PROFILE



p.314

NUT FOR PROFILE



p.315

CONNECTION PLATE FOR ALUMINIUM PROFILE

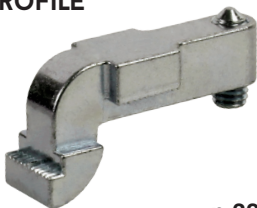


p.322

MODULAR STRUCTURES

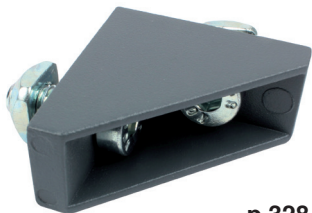
P. 299-339

**CROSS CONNECTOR
FOR ALUMINIUM
PROFILE**



p.325

**BRACKET FOR
ALUMINIUM PROFILES**



p.328

**ANGLED BRACKET FOR
ALUMINIUM PROFILES**



p.331

**ANCHOR FOOT
FOR PROFILE**



p.339



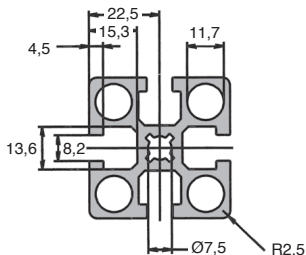
Band conveyors with adjustable longitudinal stops for height and width

Sections

Base dimension is 45mm
All profiles share same cross section
All slots are identical
Any combination of profiles is possible.

Centrally drilled holes

Uniform 7.5-0.3mm
M8 thread must be tapped without producing swarf by use of a fluteless tap
Can be increased up to \varnothing M12



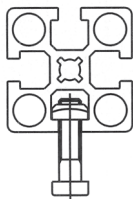
Aluminium profiles
for creating all
types of modular
structures

General information

Slot

Identical shape for all profiles from 19 to 90mm; Width of slot: 8.5-0.3mm.
Slot are designed for CHC M8 screws (head $\varnothing = 13\text{mm}$), M8 nuts
(Dimension across flats 13mm) as well as four-sided and six-sided M8 nuts.

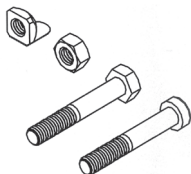
Applicable load



$F = 6000\text{N}$



Compatible nuts/screws

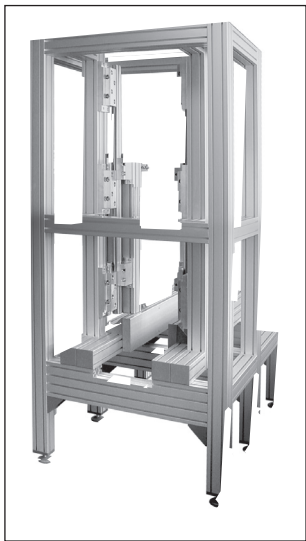


Slot accepts
M8 screwheads

Unique slot
for all profiles



Packaging line with roller conveyors



Test benches with
integrated linear systems



Test benches

Material

Material: Al Mg Si 0.5 F 25

Specific weight: 2.75 g/cm³

Material n°: 3.3206.72 tempered

Tensile strength: min. Rm = 245 N / mm²

0.2% Elastic limit: min. Rp 0.2 = 200 N / mm²

A5 Elongation: > 10%

A10 Elongation: > 8%

Elastic coefficient: E: 70,000 N / mm²

G : 27,000 N / mm²

Brinell hardness: ca. 75 HB 2.5 / 187.5

Expansion coefficient: 23.8 . 10⁻⁶ K⁻¹

Surface

Surface: Anodised aluminum E6/EV1,
natural finish

Treatment depth: ca.10um

Hardness: 250 - 350 HV

Geometric tolerances

Geometric tolerances: DIN17615

External dimensions: 0.2 to 0.4 mm

Straightness: max. 1.5mm / 2 m

Flatness: max. 1.5mm / 2 m

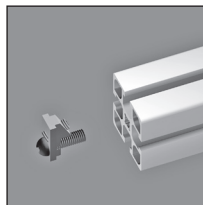
As a general rule, the average tolerance values given in the German standard DIN 17615 have been respected.

Very simple assembly thanks to

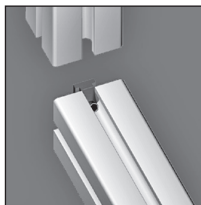
i the PRF-FIX-UNI universal fixing system

- Cheap- Requires very little preparation
- Wide range of uses
- Very easy to use
- Guaranteed not to twist

No drilling



1



2

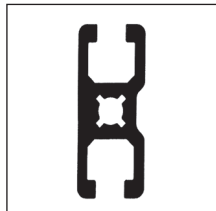


3

Standard aluminium profiles

MiniTec

- Profiles are shown approximately half-sized



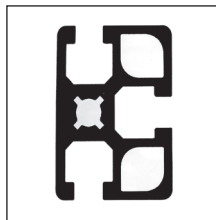
Profile 19 x 45: PRF1945-3



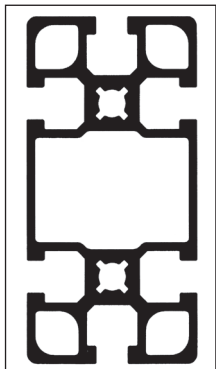
Profile 19 x 32: PRF1932-3



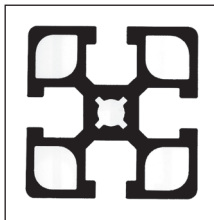
Profile 32 x 32: PRF3232-3



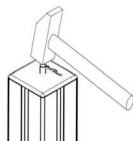
Profile 45 x 32: PRF4532-3



Profile 45 x 90: PRF4590-3



Profile 45 x 45: PRF4545-3
and PRF4545-3/SS



- **Fitting the cap**

- Force the pin using a mallet

To remove, drill out the pin

- Profile for creating modular structures
- To be cut to length required
- PR4545 profile is the basic profile for creating all types of structures
- Material: anodised aluminium
- End caps are not sold individually, please contact us for details

Mounting alternatives

- Universal fastener PRF-FIX-UNI (tome 5 p.312)
- Right angle PRF19-E, PRF25-E, PRF45-E (tome 5 p.328), PRF4590-E (tome 5 p.329)
- Standard fastener PRF-FIX-STD (tome 5 p.314)
- Screwed-in assemblies

Uses

- All types of constructions

Info

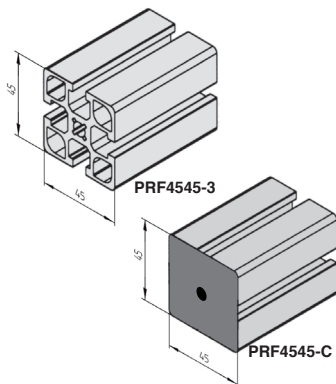
- Stainless steel profiles and end caps also available



Typical application



Available in stainless steel



DISCOUNTS profile DISCOUNTS end cap

Qty	1+	5+	10+	Qty	1+	50+	100+
Disc.	List	-5%	On request	Disc.	List	-5%	On request

Part number	lx (cm')	ly (cm')	Length (mm)	Weight (kg/m)	Stock*	Price each
Profile						
PRF4545-3	14,153	14,153	3000	2,005	✓	99,86 €
End cap						
PRF4545-C		End cap with pin			✓	1,68 €

*Depending on availability - Dimensions in mm

Standard aluminium profile

Stock

PRF1932 **MiniTec**

Section: 19x32 mm

- Profile for creating modular structures
- To be cut to length required
- Material: anodised aluminium
- End caps are not sold individually, please contact us for details

Mounting alternatives

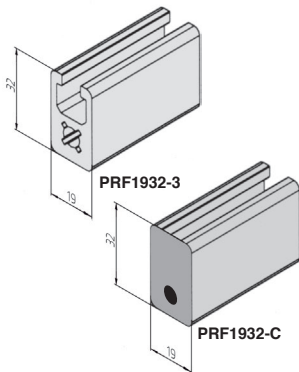
- Universal fastener PRF-FIX-UNI (tome 5 p.312)
- Right angle PRF19-E (tome 5 p.328)
- Standard fastener PRF-FIX-STD (tome 5 p.314)
- Screwed-in assemblies

Uses

- Light supports
- Handles
- Detector and switch supports
- Frames



Typical application



DISCOUNTS profile DISCOUNTS end cap

Qty	1+	5+	10+	Qty	1+	50+	100+
Disc.	List	-5%	On request	Disc.	List	-5%	On request

Part number	lx (cm ²)	ly (cm ²)	Length (mm)	Weight (kg/m)	Stock*	Price each
Profile						
PRF1932-3	3,105	1,527	3000	0,987	✓	78,82 €
End cap						
PRF1932-C		End cover with pin			✓	1,82 €

*Depending on availability - Dimensions in mm

- Profile for creating modular structures
- To be cut to length required
- Material: anodised aluminium
- End caps are not sold individually, please contact us for details

Mounting alternatives

- Universal fastener PRF-FIX-UNI (tome 5 p.312)
- Right angle PRF19-E (tome 5 p.328)
- Standard fastener PRF-FIX-STD (tome 5 p.314)
- Screwed-in assemblies

Uses

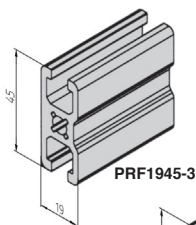
- Light supports
- Handles
- Detector and switch supports
- Frames



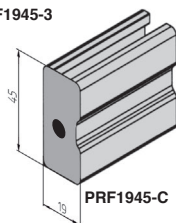
Typical application



Typical application



PRF1945-3



PRF1945-C

DISCOUNTS profile DISCOUNTS end cap

Qty	1+	5+	10+	Qty	1+	50+	100+
Disc.	List	-5%	On request	Disc.	List	-5%	On request

Part number	lx (cm ²)	ly (cm ²)	Length (mm)	Weight (kg/m)	Stock*	Price each
Profile						
PRF1945-3	6,051	1,83	3000	1,087	✓	86,37 €
End cap						
PRF1945-C		End cover with pin			✓	3,40 €

*Depending on availability - Dimensions in mm

Standard aluminium profile

Stock

PRF3232 **MiniTec**

Section: 32x32 mm

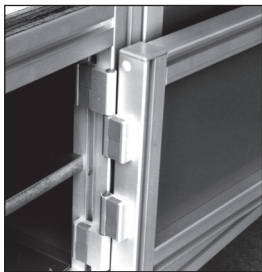
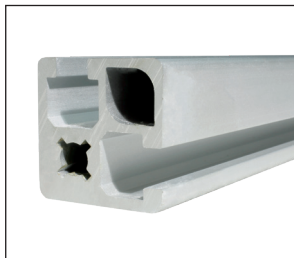
- Profile for creating modular structures
- To be cut to length required
- Material: anodised aluminium
- End caps are not sold individually, please contact us for details

Mounting alternatives

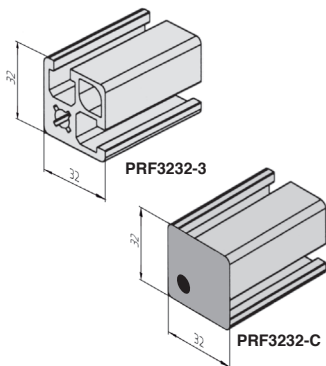
- Universal fastener PRF-FIX-UNI (tome 5 p.312)
- Right angle PRF19-E (tome 5 p.328)
- Standard fastener PRF-FIX-STD (tome 5 p.314)
- Screwed-in assemblies

Uses

- Light supports
- Handles
- Detector and switch support
- Frames



Typical application



DISCOUNTS profile DISCOUNTS end cap

Qty	1+	5+	10+	Qty	1+	50+	100+
Disc.	List	-5%	On request	Disc.	List	-5%	On request

Part number	lx (cm ²)	ly (cm ²)	Length (mm)	Weight (kg/m)	Stock*	Price each
Profile						
PRF3232-3	4,824	4,824	3000	1,288	✓	96,03 €
End cap						
PRF3232-C		End cover with pin			✓	1,58 €

*Depending on availability - Dimensions in mm

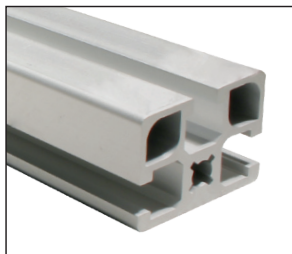
- Profile for creating modular structures
- To be cut to length required
- Material: anodised aluminium
- End caps are not sold individually, please contact us for details

Mounting alternatives

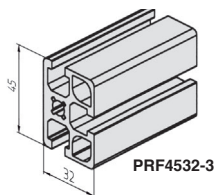
- Universal fastener PRF-FIX-UNI (tome 5 p.312)
- Right angle PRF19-E, PRF25-E, PRF45-E (tome 5 p.328), PRF4590-E (tome 5 p.329)
- Standard fastener PRF-FIX-STD (tome 5 p.314)
- Screwed-in assemblies

Uses

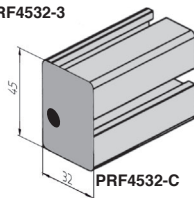
- All types of construction, one side of the profile is covered
- Tables, supports,
- Sliding doors
- Linear guidance



Typical application



PRF4532-3



PRF4532-C

DISCOUNTS profile DISCOUNTS end cap

Qty	1+	5+	10+	Qty	1+	50+	100+
Disc.	List	-5%	On request	Disc.	List	-5%	On request

Part number	lx (cm ²)	ly (cm ²)	Length (mm)	Weight (kg/m)	Stock*	Price each
Profile						
PRF4532-3	10,182	6,492	3000	1,588	-	112,21 €
End cap						
PRF4532-C		End cover with pin			✓	3,19 €

*Depending on availability - Dimensions in mm

Standard aluminium profile



PRF4590 **MiniTec**

Section: 45x90 mm

- Profile for creating modular structures
- To be cut to length required
- PRF4590 is the basic profile for creating all types of constructions
- Material: anodised aluminium
- End caps are not sold individually, please contact us for details

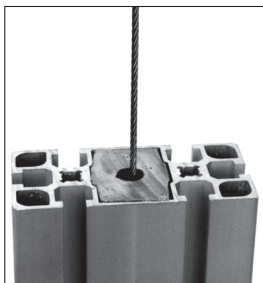


Mounting alternatives

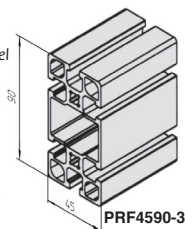
- Universal fastener PRF-FIX-UNI (tome 5 p.312)
- Right angle PRF19-E, PRF25-E, PRF45-E (tome 5 p.328), PRF4590-E (tome 5 p.329)
- Standard fastener PRF-FIX-STD (tome 5 p.314)
- Screwed-in assemblies

Uses

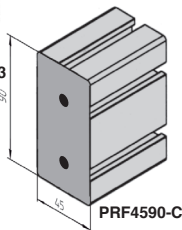
- Can be used for constructing any type of assembly
- Central of the profile can be used as a channel for a counterweight



Typical application



PRF4590-3



PRF4590-C

DISCOUNTS profile DISCOUNTS end cap

Qty	1+	5+	10+	Qty	1+	50+	100+
Disc.	List	-5%	On request	Disc.	List	-5%	On request

Part number	lx (cm ²)	ly (cm ²)	Length (mm)	Weight (kg/m)	Stock*	Price each
Profile						
PRF4590-3	100,842	24,321	3000	3,134	✓	196,16 €
End cap						
PRF4590-C		End cover with pin			✓	2,34 €

*Depending on availability - Dimensions in mm

R90° aluminium profile

Section: 45x45mm **MiniTec** PRF4545R90

- Profile for modular structures
- To be cut to length by the user
- Material:
Anodised aluminium
- Caps are not supplied individually, contact us for details

Mounting alternatives

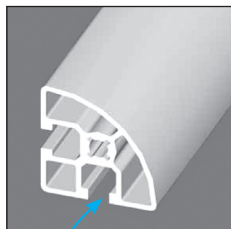
- PRF-FIX-UNI (tome 5 p.312) universal fastener
- PRF19-E (tome 5 p.328) angle bracket
- PRF-FIX-AUTO (tome 5 p.314) standard fastener
- Screwed assemblies

Application

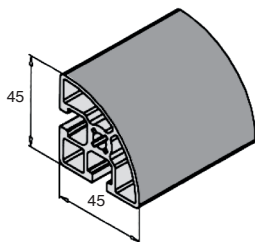
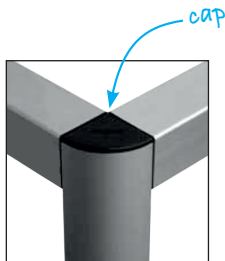
- For use with any type of modular construction

Advantage

- Eliminates projecting edges



8mm slot



DISCOUNTS profile

Qty	1+	5+	10+
Disc.	List	-5%	On request

DISCOUNTS cap

Qty	1+	50+	100+
Disc.	List	-5%	On request

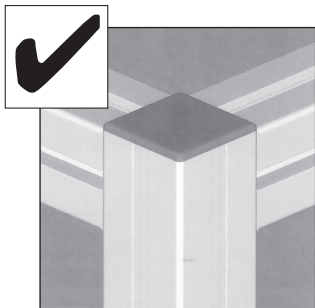
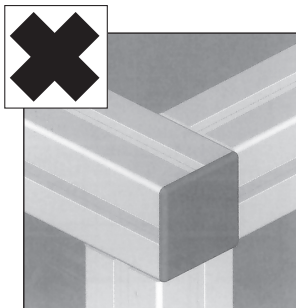
Part number	lx (cm4)	ly (cm4)	Length (mm)	Weight (kg/m)	Stock*	Price each
Profile						
PRF4545-3-R90	9,138	9,138	3000	1,478	-	110,06 €
Cap						
PRF4545-R90-C			End cap with pin		-	4,23 €

*Depending on availability - Dimensions in mm

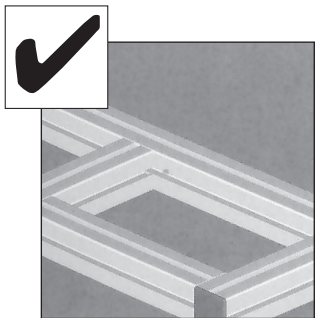
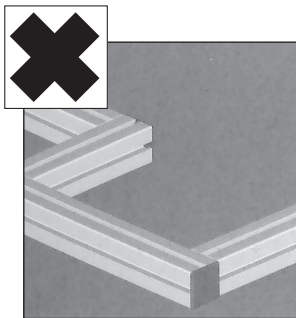
PRF aluminium profile assembly

MiniTec

Assembly instruction



If possible join the horizontal crossheads to the vertical posts

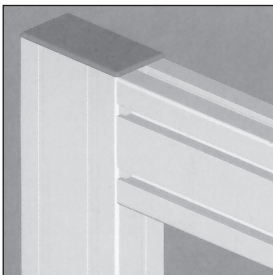


Avoid interrupting the carrying profile

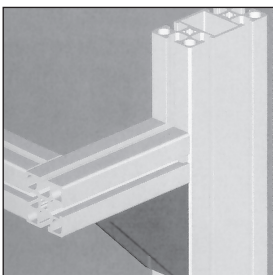
PRF aluminium profile assembly

Assembly instruction

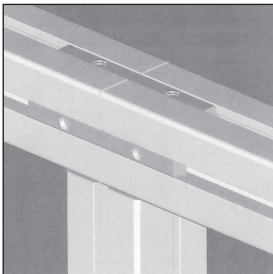
MiniTec



To reduce prefer an deflection, favour the upwards assembly of rectangular profiles



Frames subjected to large torque can be reinforced with a right angle



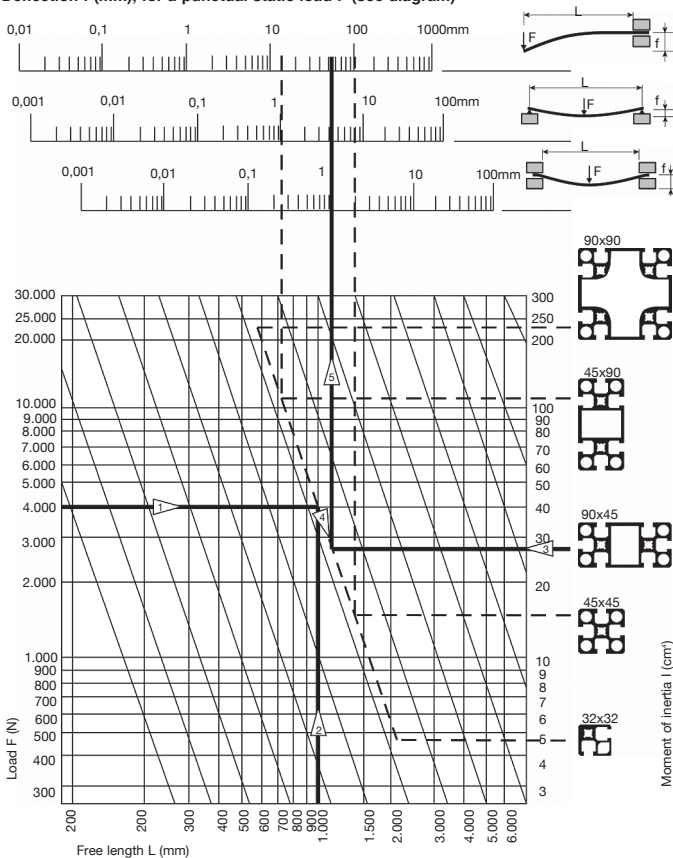
If possible join 2 profiles end to end on a support profile

Aluminium profiles

MiniTec

Calculating deflection

Deflection f (mm), for a punctual static load F (see diagram)



The different formulae and equations can only be applied to punctual static loads.

For any other kind of load, refer to appropriate methods of calculation.

The security coefficients applicable to profiles are those used all the time in mechanics.

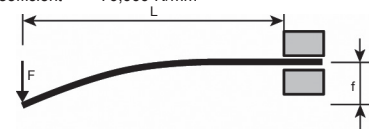
Material resistance calculation

Profile deflexion calculation

Example	f = Deflection	mm
	F = Load	8,000 N
	L = Length	700 mm
	I = Moment of inertia	30.4 cm ⁴
	E = Elastic coefficient	70,000 N/mm

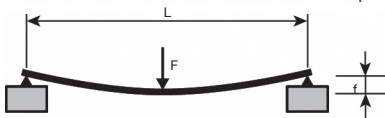
1st example:

$$f = \frac{F \times L^3}{E \times I \times 3 \times 10^4} = 42.1 \text{ mm}$$



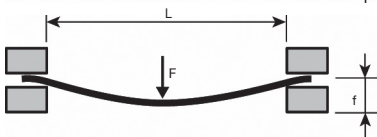
2nd example:

$$f = \frac{F \times L^3}{E \times I \times 48 \times 10^4} = 2.7 \text{ mm}$$



3rd example:

$$f = \frac{F \times L^3}{E \times I \times 192 \times 10^4} = 0.67 \text{ mm}$$



On the previous page, you can easily reference the result at the top of the table. To determine the value of the deflection, follow the order indicated by the arrows.

Deflection (f)



Load (F)



Profile section



Free length (L)



Cable-carrier chain for aluminium profile

PRFCH **MiniTec** For profile PRF4545-G-3

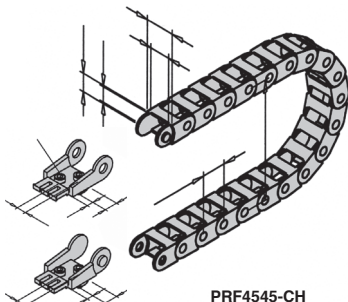
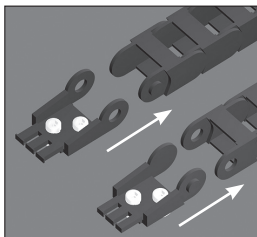
- Supplied in metre lengths, this chain simply clips together
- 2 part fixing link required
- Material: black plastic

Uses

- For supporting and guiding cables/hoses on moveable structures such as trolleys

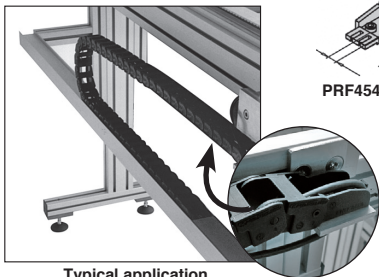
Assembly

- PRF4545-ACH links permit multiple chains to be joined to obtain the total length required
- Clip chains together to get the length required



PRF4545-ACH

PRF4545-CH



Typical application

DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	Type	Length (mm)	Weight (kg)	Price each 1 to 4
PRF4545-CH	Cable-carrier chain	1000	0,341	143,53 €
PRF4545-ACH	Link	-	0,058	33,28 €

Dimensions in mm

Aluminium profile polishing block

Maintains the profile's aesthetic aspects **MiniTec PRFGUM**

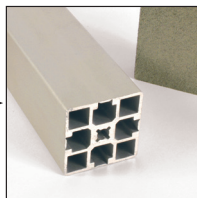
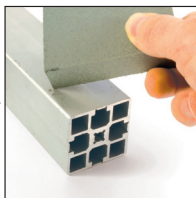
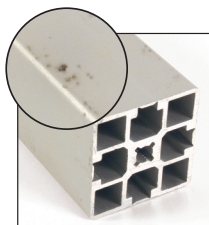
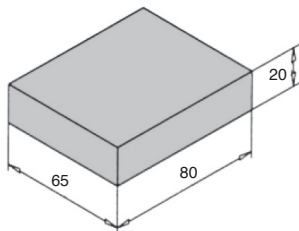
- Abrasive eraser on rubber support

Applications

- Removes minor scratches from aluminium profiles
- Maintains the uniformity of anodised finish

Advantages

- Can be cut to size to access hard to reach areas
- Can be used wet or dry, use of water will improve performance
- Uniform consistency
- Oil and water resistant
- Eco-friendly, no additional products required
- Hard wearing



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (g)	Stock*	Price each 1 to 4
PRF-GUM	Abrasive block	138	✓	41,90 €

*Depending on availability - Dimensions in mm

Fastener for aluminium profile



PRF **MiniTec**

Universal fastener

FIXUNI

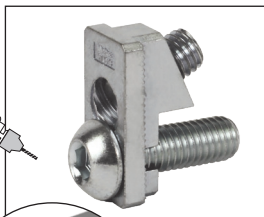
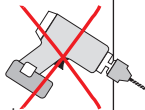
FIXAUTO

- **Accessory for assembling aluminium profiles**

- **Materials:**

Fastener: electroplated chromed steel or stainless steel

Round headed M8 screw, 25mm long.

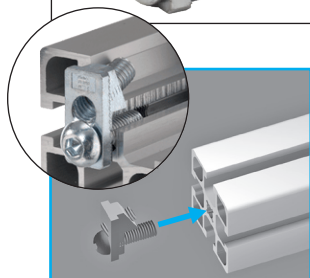


Info.

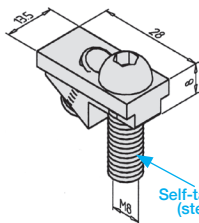
- Connecting all types of profiles
- For larger profiles, several fasteners are used

Advantages

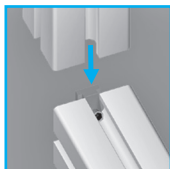
- Assembly of aluminium profiles without machining
- Low cost fastening requiring little preparation
- Time saving: Minitec fastening in 20 seconds compared with 1 minute 20 seconds for standard fastening
- The ends of the various connections remain free
- Fastening is invisible from the outside
- Profiles can be repositioned/adjusted at any time
- Anti-rotation guaranteed
- Maximum load allowed: 6000N
- Cross-fixing is easily achieved
- The fixing is electrically conductive



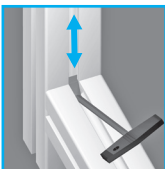
Assembly without machining



Self-tapping screw
(steel version)



Quick-fixing



No drilling

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

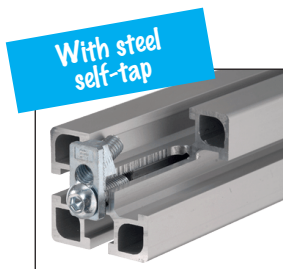
Part number	For profile	Tightening torque (Nm)	Weight (kg)	Stock*	Price each 1 to 49
PRF-FIX-AUTO	All type of PRF profile	12	0,029	✓	6,06 €
PRF-FIX-UNI/SS	Stainless PRF/SS profile	12	0,029	-	17,14 €

*Depending on availability - Dimensions in mm

Fastener for aluminium profile

Universal fastener

MiniTecPRF
FIXAUTO



Screw

- 1 Fit the bracket to the end of the profile using the self-tapping screw (do not overtighten).



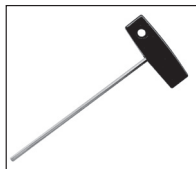
Assemble

- 2 Push profile 2 in until the desired dimension.
Tighten the M8 grub screw using a SW5 Allen key, or the **PRF-TOOL-H5** tool.
Maximum recommended torque:
approx. 12Nm



20 SECONDS!

No need to tap thanks to the self-tapping screw, assembly is even + quick and easy!



Accessories

- PRF-TOOL-H5 assembly key (on request)

Fastener for aluminium profile

Stock

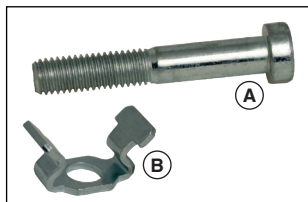
PRF **MiniTec**

Standard fastener

FIXSTD

Profile assembly

- Suitable for loads up to 18000N
- Can be used to securely join all profile types
- Forms very efficient anti-twist joint
- Materials:
 - M8x50mm CHC screw: electroplated steel
 - Locking plate: electroplated steel

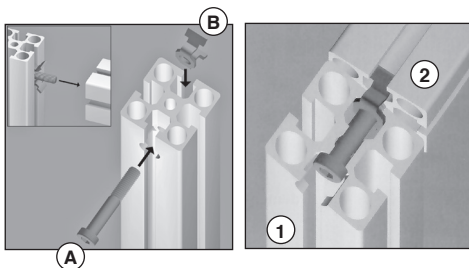
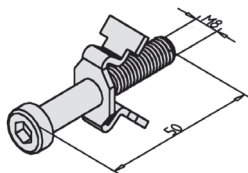


Applications

- For heavy or vibrating loads

Assembly

- Drill a stepped hole ($\varnothing 9$, $\varnothing 15$) at the required position ①
- Slide the screw locking plate in the slot
- Pass the end of the screw through the first profile ①, the locking plate and then into the central hole of the second profile ② which was previously tapped (M8 x 25mm) and tighten.



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Load (N)	For profile	Tightening torque (Nm)	Weight (kg)	Stock*	Price each 1 to 49
PRF-FIX-STD	18000	All types of PRF profile	20	0,03	✓	2,94 €

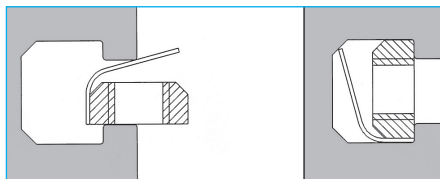
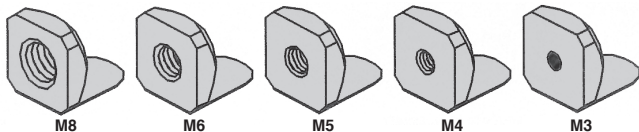
*Depending on availability - Dimensions in mm

- Square nut with sprung tab
- Nut can be inserted at any point along the slot in a profile
- Material: zinc plated or stainless steel
- Not sold individually, contact us for details

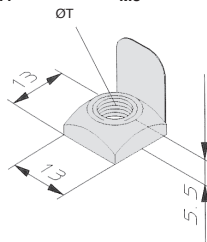
Advantages

- Allows parts to be added/removed easily
- Sprung tabs allows the nut to be retained in place when using vertically positioned profiles

steel or stainless steel



Very simple to position



DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	

Part number		ØT	Stock* Steel	Price each 1 to 49	
Steel	Stainless steel			Steel	Stainless steel
PRF-ECL-M3	PRF-ECL-M3/SS	M3	✓	1,17 €	3,14 €
PRF-ECL-M4	PRF-ECL-M4/SS	M4	✓	1,17 €	3,14 €
PRF-ECL-M5	PRF-ECL-M5/SS	M5	✓	1,17 €	3,14 €
PRF-ECL-M6	PRF-ECL-M6/SS	M6	✓	1,17 €	3,34 €
PRF-ECL-M8	PRF-ECL-M8/SS	M8	✓	1,17 €	3,31 €

*Depending on availability - Dimensions in mm

Hammerhead screw

Stock

PRFVTM **MiniTec**

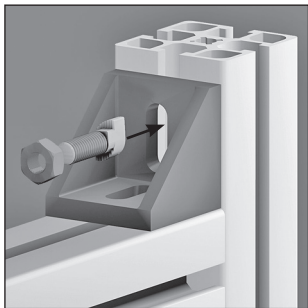
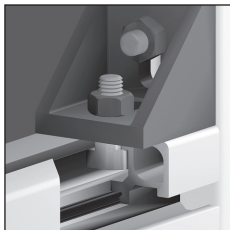
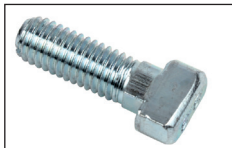
- Screws can be inserted at any point along the slot in the profile.
- Material: zinc plated steel
- **Not sold individually, contact us for details**

Advantages

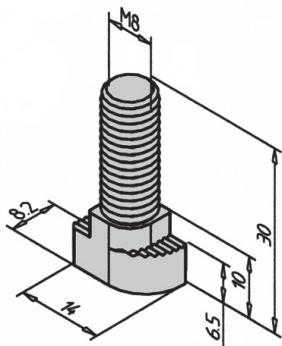
- Hammerhead screws are a simple way of adding components or accessories onto profiles that have already been assembled

Assembly

- Place the screw in the slot at the required position, mount the accessory to be added and tighten the M8 nut
- Tightening the nut causes the screw to become perpendicular to the slot.



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-VTM-M8	Hammerhead screw	0,012	✓	1,64 €

*Depending on availability - Dimensions in mm

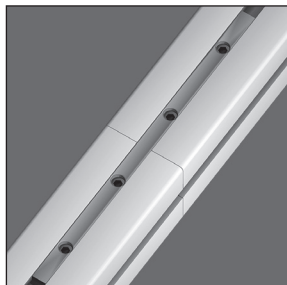
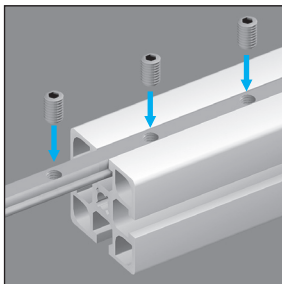
- Material: electroplated steel
- 4 electroplated M8 x14mm grub screws (use SW4 hexagonal key or PRF-TOOL-H4 tool) (tome 5 p.322)

Uses

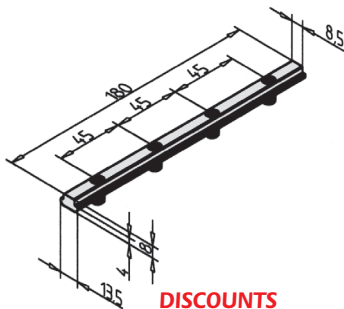
- For but joining profiles.
- For creating longer profiles

Assembly

- Simply twist into slot in profile
- No preparation required
- For long profiles or to support heavier loads, use more joining bars.



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-ER-180	Joining bar	0,12	✓	19,78 €

*Depending on availability - Dimensions in mm

Joining plate for aluminium profile Stock

PRF_{PL} **MiniTec** For joining pre-assembled structures

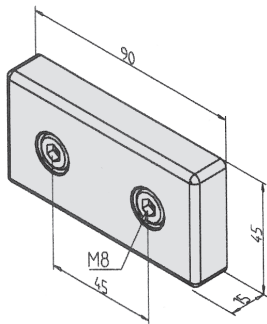
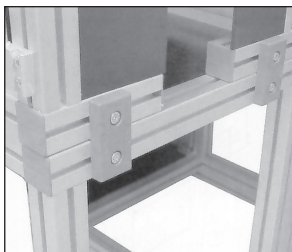
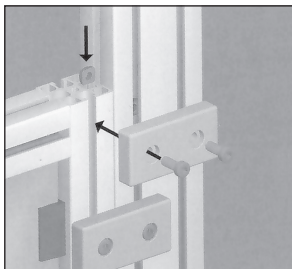
- For joining two structures together
- Ensures rigid and stable installation of protective barriers
- Mounting kit supplied
- Material:
Grey powder coated aluminium GD

Assembly

- Use the fixing kit to attach to the mounting slot on the protective panel and the slot on the support profile



Grey powder coated aluminium



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Weight (kg)	Stock*	Price each 1 to 49
PRF-PL-4590	0,17	✓	10,10 €

*Depending on availability - Dimensions in mm

Stock

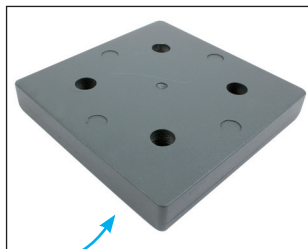
Joining plate for aluminium profile

For joining pre-assembled **MiniTec** PRFPPL structures

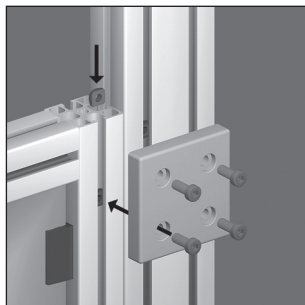
- For joining two structures together
- Ensures rigid and stable installation of protective barriers
- Mounting kit supplied
- Material:
Grey powder coated aluminium GD

Assembly

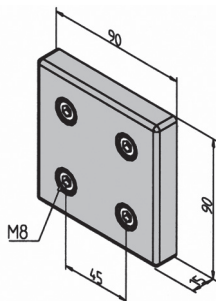
- Use the fixing kit to attach to the mounting slot on the protective panel and the slot on the support profile



Grey powder coated aluminium



Typical assembly



DISCOUNTS

Qty	1+	50+	100+
Disc. List		-5%	On request

Part number	Weight (kg)	Stock*	Price each 1 to 49
PRF-PL-9090	0,33	✓	20,37 €

*Depending on availability - Dimensions in mm

Connection plate for aluminium profile

ACLPL For pre-assembled connection

- For connecting two structures together
- Connection of 2 aluminium profiles
- Corner reinforcement
- Material:
Anodised aluminium

Info.

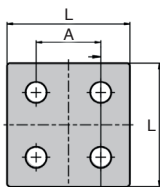
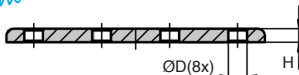
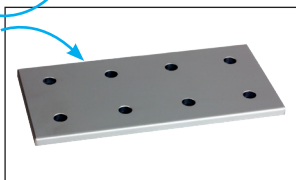
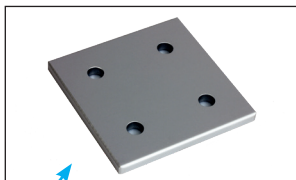
- Supplied without fixing kit (see button head screw **BHC8-16/SS/B** or **BHC8-20/SS** (tome 1 p.562) and slot nut **PRF-ECL-M8/SS** (tome 5 p.315))



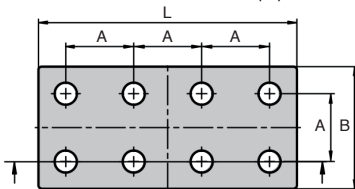
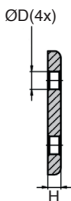
Typical application

Anodised aluminium

Aluminium profile



ACL-PL-9090



ACL-PL-90180

DISCOUNTS

Qty	1+	50+	100+
Disc.	Net	-5%	On request

Part number	L	B	H	A	ØD	Weight (g)	Price each 1 to 49
Square							
ACL-PL-9090	86	-	6	45	9	115	9,46 €
Rectangular							
ACL-PL-90180	176	86	6	45	9	240	16,13 €

All dimensions in mm

Connection plate for aluminium profile

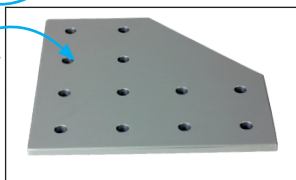
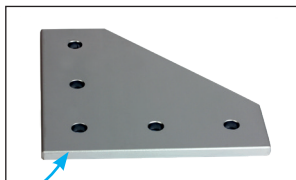
Right angled connection

ACLPR

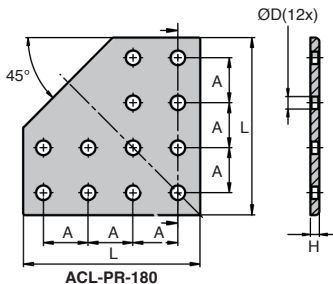
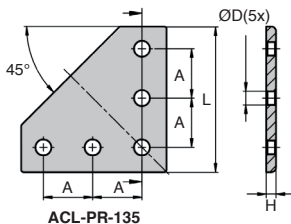
- For connecting two structures together
- Connection of 2 aluminium profiles
- Corner reinforcement
- Material:
Anodised aluminium

Info.

- Supplied without fixing kit (see button head screw **BHC8-16/SS/B** or **BHC8-20/SS** (tome 1 p.562) and slot nut **PRF-ECL-M8/SS** (tome 5 p.315))



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc. Net	-5%	On request	

Part number	L	H	A	ØD	Weight (g)	Stock*	Price each 1 to 49
ACL-PR-135	133	6	45	9	215	✓	19,47 €
ACL-PR-180	178	6	45	9	435	-	30,20 €

* Depending on availability - Dimensions in mm

Connection plate for aluminium profile

ACLPL

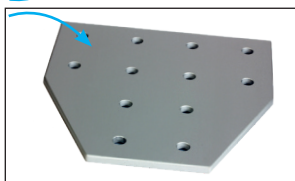
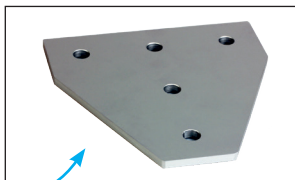
Angle connection

- Connection of 2 aluminium profiles
- Corner reinforcement
- Material:
Anodised aluminium

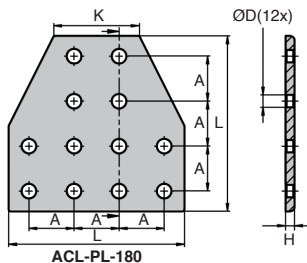
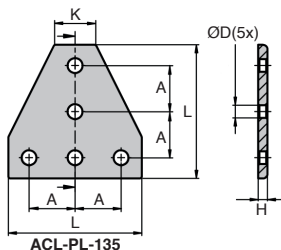
Info.

- Supplied without fixing kit (see button head screw **BHC8-16/SS/B** or **BHC8-20/SS** (tome 1 p.562) and slot nut **PRF-ECL-M8/SS** (tome 5 p.315))

Anodised aluminium



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc. Net	-5%	On request	

Part number	L	H	A	K	ØD	Weight (g)	Price each
							1 to 49
ACL-PL-135	131	6	45	41	9	210	20,80 €
ACL-PL-180	176	6	45	86	9	425	34,18 €

All dimensions in mm

Stock Adjustable plate for aluminium profile

MiniTec PRFPA

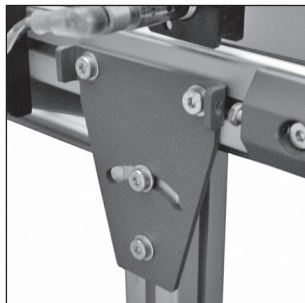
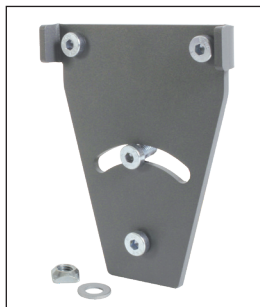
- Supplied with fixing kit
- Material:
covered steel

Applications

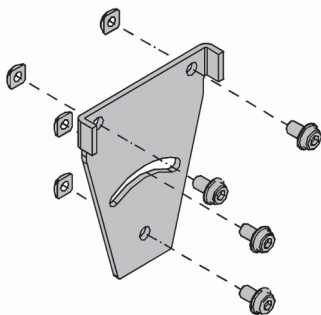
- Attaches support bases to the conveyor of a chassis
- Can also be used with slope conveyors
- Range +/- 35°

Assembly

- Attach to the side of the conveyor chassis and to the bases using the fixing kit



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-PA	Angle plate	0,377	✓	30,90 €

*Depending on availability - Dimensions in mm

Adjustable joints for aluminium profiles

ACLEAV ACLPAV

Turning and pivot angle

- Components for creating angled joints

- Material

Turning angle : Cast aluminium

Pivot angle : chromed steel

Advantages

- Adjustable angle

Info

- No mounting screws supplied

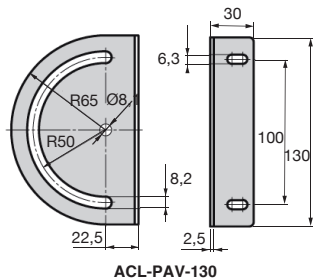
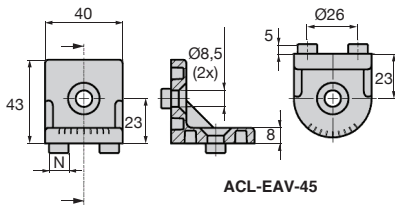
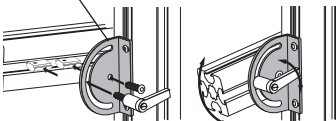
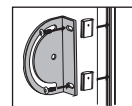
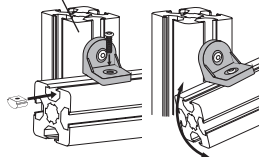
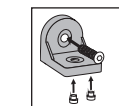
(see PRF-ECL-M8/ screw FHC8 and CHC8)



ACL-EAV-45



ACL-PAV-130



DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	

Part number	Type	Screw size	N	Weight (g)	Stock*	Price each 1 to 49
ACL-EAV-45	Turning angle	M8	8/10	44	✓	5,03 €
ACL-PAV-130	Pivot angle	M8	-	221	✓	10,02 €

*Depending on availability - Dimensions in mm

Cross connector for aluminium profile

MiniTec PRFRTR

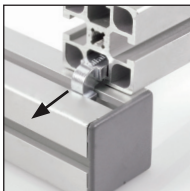
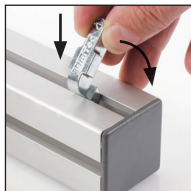
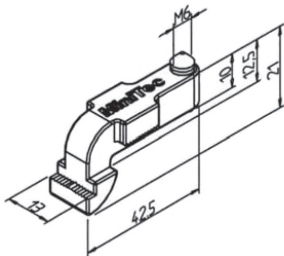
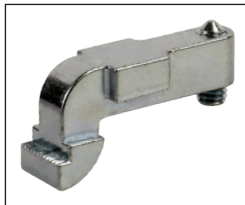
- Allow profiles to be added to existing structures

- Material:

Chromed galvanised steel with pre-mounted
M6 x 16 set screw

Assembly

- Insert the connector into the existing frame.
- Slide the new profile on to the connector
- Tighten the set screw with a 3mm key to a torque of 10Nm



Typical assembly

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Weight (kg)	Stock*	Price each 1 to 49
PRF-RTR	0.04	-	10.06 €

*Depending on availability - Dimensions in mm

Coupling bar for aluminium profile Stock

PRFRR **MiniTec**

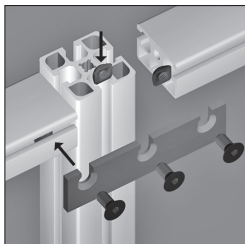
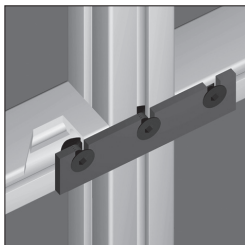
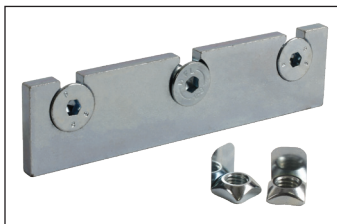
- Supplied with fixing kit
- Material:
electroplated steel

Advantages

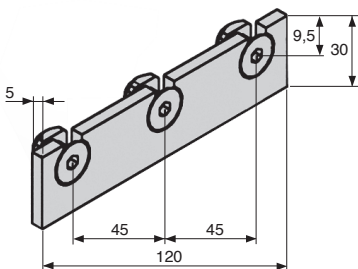
- Allows profiles of different sections to be joined together
- Can also be used to add additional profiles

Assembly

- Attach the bar to the slot with the fixing kit
- No preparation necessary



Typical assembly



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-RR-120	Coupling bar	0,103	✓	15,10 €

*Depending on availability - Dimensions in mm

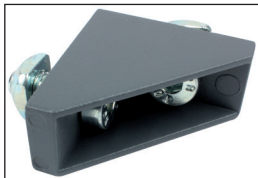
Bracket for aluminium profiles

Stock

PRF_E **MiniTec**

Support bracket

- **Assembling profiles**
- Can be used for all types of construction, recommended for use when adding profiles to existing structures
- Use to reinforce structures
- Can be positioned anywhere along the profile length
- For heavy loads, use multiple brackets
- Fixing kit supplied
- Material: grey powder coated aluminium GD



Accessories

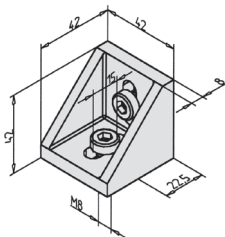
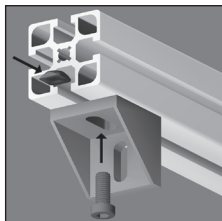
- Nut with sprung tab **PRF-ECL**

Special application

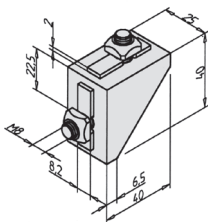
- **PRF25-E** bracket has a centering groove

Info.

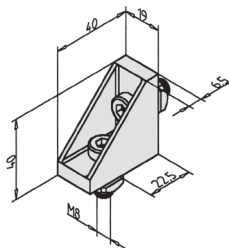
- *Given for applications using two brackets; when using a single bracket, maximum load is reduced, please contact us for details



PRF45-E



PRF25-E



PRF19-E

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Max. load* (N)	Max. torque (Nm)	For profile	Tightening torque (Nm)	Stock*	Price each 1 to 49
PRF19-E	1200	400	PRF19, PRF32	20	✓	5,85 €
PRF25-E	1200	400	PRF19, PRF32, PRF45	20	✓	6,35 €
PRF45-E	1200	400	PRF45	20	✓	5,52 €

*Depending on availability - Dimensions in mm

- **Assembling profiles**
- Can be used for all types of construction, recommended for use when adding profiles to existing structures
- Use to reinforce structures
- Can be positioned anywhere along the profile length
- For heavy loads, use multiple brackets
- Fixing kit supplied
- **PRF90-E** supplied with cover and screw locking plate
- Material: grey powder coated aluminium GD
- Recommended tightening torque: 20Nm

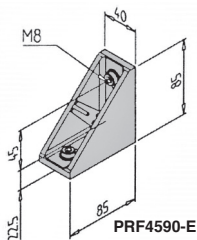


Accessory

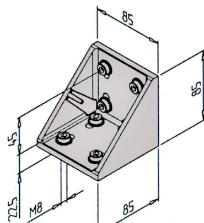
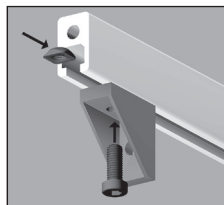
- Nut with sprung tab **PRF-ECL**

Info.

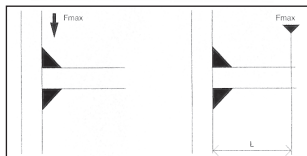
- *For applications using two brackets, or when using a single bracket maximum load is reduced



PRF4590-E



PRF90-E



Maximum load and torque

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Max. load* (N)	Max. torque (Nm)	For profile	Tightening torque (Nm)	Stock*	Price each 1 to 49
PRF4590-E	2400	800	PRF4590	20	✓	12,32 €
PRF90-E	4800	1600	PRF4590	20	✓	28,80 €

*Depending on availability - Dimensions in mm

Right angled bracket for aluminium profiles

ACLEPP Bracket for connecting 2 profiles

- To join 2 profiles at 90°
- Material
Anodised aluminium
For use with single slot profiles

Advantages

- Suitable for use with PRF aluminium profiles

Info

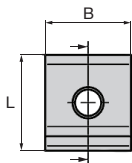
- No mounting screws supplied



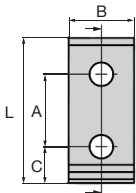
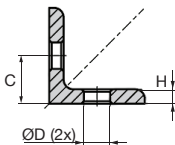
ACL-EPP2-4545



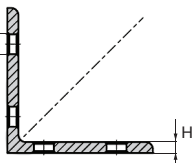
ACL-EPP4-4590



ACL-EPP2- 4545



ACL-EPP4-4590



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Version	L	B	H	A	C	ØD	Weight (g)	Stock*	Price each 1 to 49
ACL-EPP2-4545	2 holes	45	41	6	-	22,5	9	55	✓	3,56 €
ACL-EPP4-4590	4 holes	90	41	6	45	22,5	9	112	✓	7,11 €

* Depending on availability - Dimensions in mm

Right angled bracket for aluminium profiles

Bracket for connecting 2 profiles

ACLEPP

- To join 2 profiles at 90°
- Material
Anodised aluminium
For use with dual slot profilest

Advantages

- Suitable for use with PRF4590 aluminium profiles

Info

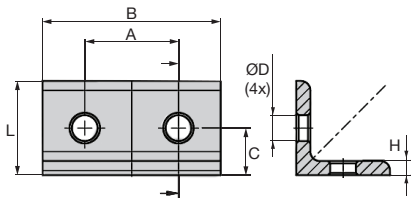
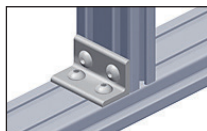
- No mounting screws supplied



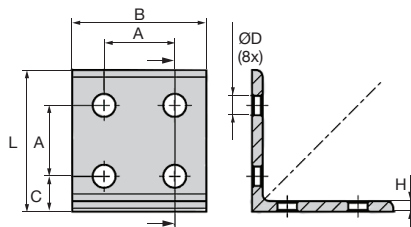
ACL-EPP4-9045



ACL-EPP8-9090



ACL-EPP4-9045



ACL-EPP8-9090

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Version	L	B	H	A	C	ØD	Weight (g)	Stock*	Price each 1 to 49
ACL-EPP4-9045	4 holes	45	86	6	45	22,5	9	112	✓	7,86 €
ACL-EPP8-9090	8 holes	90	86	6	45	22,5	9	235	✓	13,20 €

* Depending on availability - Dimensions in mm

Corner reinforcement

Stock

PRF-T **MiniTec**

- Supplied with fixing kit

- Material:

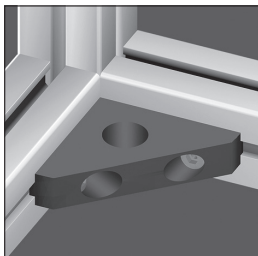
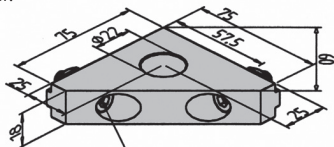
Anodised aluminium

Uses

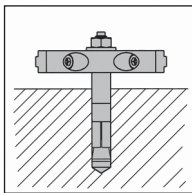
- For reinforcing structures
- Used for attaching feet to the inside of a chassis
- Also used for levelling or anchoring structures to the floor

Assembly

- Mounts on the side of a profile using the fixing kit supplied
- Used with anchoring kit to attach a structure to the floor.



Used as reinforcement



Used for reinforcing and anchoring

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-T-75	Corner	0,17	✓	29,88 €

*Depending on availability - Dimensions in mm

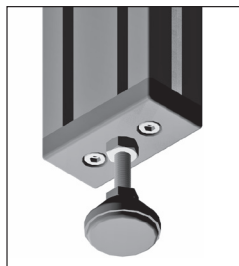
- Base plate for attaching levelling foot or lifting ring
- Fixing kit supplied
- Foot ring not supplied
- Material: grey powder covered steel

Assembly

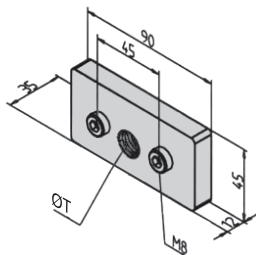
- Fits in slot on profile

Accessories

- Feet (tome 1 p.368)



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	ØT Thread	For profile	Thickness (mm)	Weight (kg)	Stock*	Price each 1 to 49
PRF4590-BM10	M10	PRF4590	15	0,164	-	14,62 €
PRF4590-BM12	M12	PRF4590	15	0,162	-	14,62 €
PRF4590-BM16	M16	PRF4590	15	0,160	-	16,23 €
PRF4590-BM20	M20	PRF4590	15	0,156	-	13,08 €

*Depending on availability - Dimensions in mm



**MINIMUM
ORDER
20€***



**VOLUME
DISCOUNT**

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



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



**MADE TO
MEASURE
AVAILABLE**



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

**1,2,3
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**FREE
CATALOGUES**



**VOLUME
DISCOUNT**



**MADE TO
MEASURE
AVAILABLE**

FREE

DELIVREY

FOR ORDERS

100€* OR MORE



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

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



**FAST
QUOTES
& ORDERS**



**VOLUME
DISCOUNT**

* Certain conditions apply - Deliveries to mainland France only

- Supplied without fixing kit
- Material: grey powder covered steel

Uses

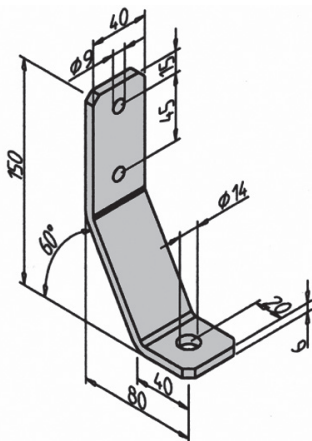
- Used to anchor a structure to a floor or wall

Assembly

- Attaches to profile using M8 x 20mm screws.
- Attaches to floor or wall using anchoring system
- Can be added to existing structures



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-PF-150	Anchor bracket	0,355	✓	19,79 €

*Depending on availability - Dimensions in mm

Floor anchor for aluminium profiles

ACLEFS

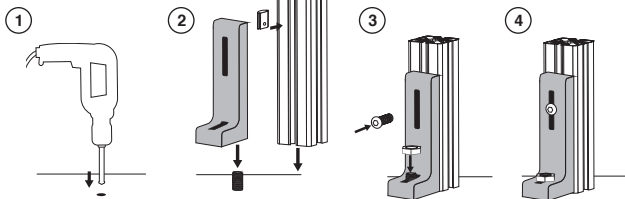
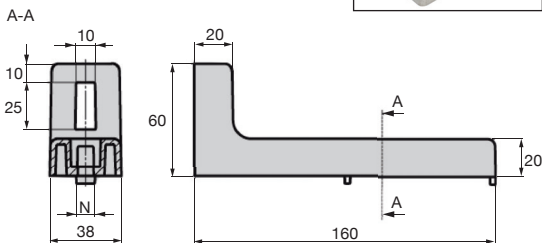
Right angled floor anchor

- For securing aluminium profiles to a floor

- Material :
Die cast zinc

Advantages

- Suitable for use with PRF aluminium profiles
- Only for use with profiles wider than 40mm



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	N	Weight (g)	Stock*	Price each 1 to 49
ACL-EFS-160	8	110		15,14 €

* Depending on availability - Dimensions in mm



Floor anchor for aluminium profiles

Adjustable height floor anchor

ACLEFS/A

- For securing aluminium profiles to a floor

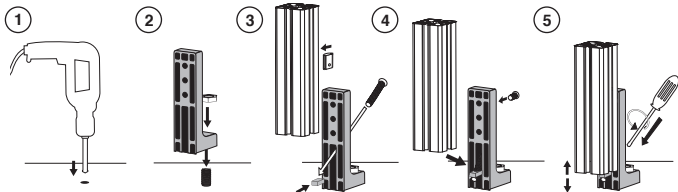
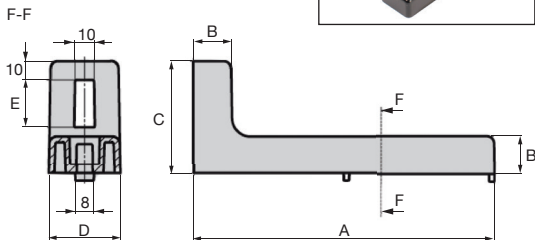
Material:

Die cast zinc

Advantages

- Adjustable
- Suitable for use with PRF aluminium profiles

Adjustable



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Profile size (mm)	A	B	C	D	E	Max height	Weight (g)	Stock*	Price each 1 to 49
ACL-EFS-120/A	30 min	120	15	45	28	19	52	88	✓	16,00 €
ACL-EFS-160/A	40 min	160	20	60	38	29	72	120	✓	23,68 €

* Depending on availability - Dimensions in mm

Foot support for aluminium profile

PRFP

Very stable

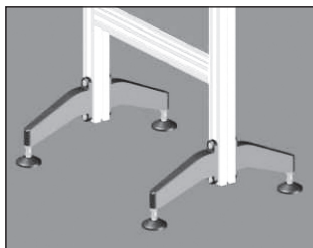
- Allows feet or casters to be added to a structure
- Supplied with mounting kit
- Material:
Aluminium GD, grey painted protective (shore) finish

Applications

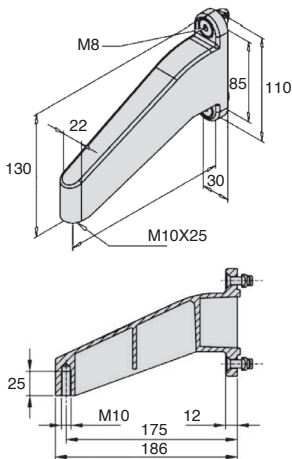
- Mounting of feet or casters

Assembly

- Mounts directly on the aluminium profile using the screws supplied
- Mount swivelling M10 foot or a caster with M10 thread.



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Price each
PRF-P-175	Foot support	0,368	1 to 49 24,95 €

Dimensions in mm

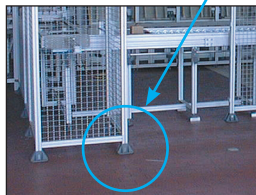
- Supplied with profile fixing kit
- Material: grey powder covered steel

Uses

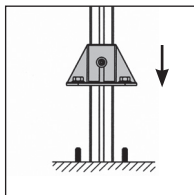
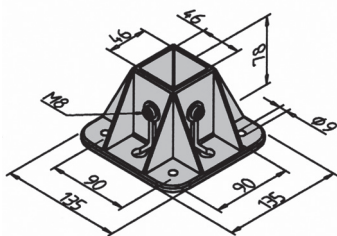
- For attaching panels or chassis to floors
- Suitable for all profiles up to 45x45mm

Assembly

- Insert the profile into the foot
- Insert nuts with sprung tabs into the slots on the profile and lightly tighten the screws
- Make final adjustments to the position of the profile and then firmly tighten the screws
- Use anchoring system if fixing to a floor



Typical application



Mounting example

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-P-45	Anchor	0,595	✓	33,29 €

*Depending on availability - Dimensions in mm

**ADJUSTABLE FOOT FOR
PROFILE**



p.343

CASTOR FOR PROFILE



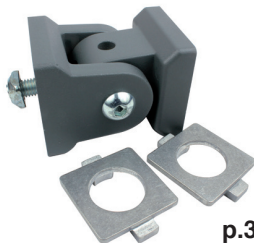
p.347

FRONT HINGE



p.351

**ARTICULATED BRACKET
FOR PROFILE**



p.353

HANDLE FOR PROFILES



p.354

**DOOR HANDLE FOR
ALUMINIUM PROFILE**



p.355

ACCESSORIES FOR MODULAR STRUCTURES

P. 343-387

LOCK FOR PROFILE



p.357

**LATCH FOR ALUMINIUM
PROFILES**



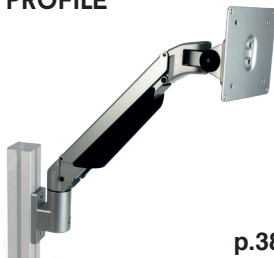
p.361

**ROLLER BLOCK FOR
ALUMINIUM PROFILES**



p.372

**SCREEN SUPPORT FOR
PROFILE**



p.386

Moveable tool holder for aluminium profile

PRFCHARPOU **MiniTec**

Runs in slot

- For supporting tools on a workstation

- Materials:

Rustproof steel

Grey ABS wheels

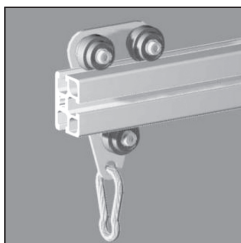
Assembly

- Mount the carrier on the aluminium profile

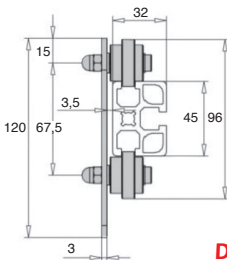
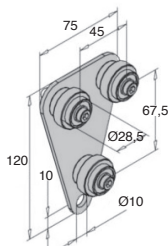
- If necessary, the bottom wheel can be temporarily removed during assembly

Info

- Use with PRF4532-3



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	

Part number	Maximum load (kg)	Weight (g)	Price each 1 to 49
PRF-CHAR-POU	40	263,1	64,29 €

Dimensions in mm

Adjustable foot for aluminium profile

ACLALF

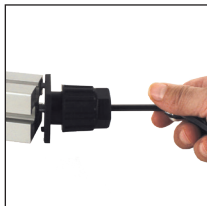
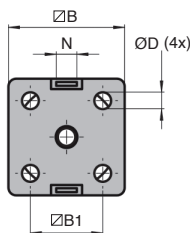
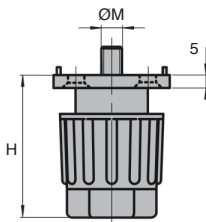
- Mounting foot for aluminium structures that can be adjusted without tools
- Material:
Black fibreglass reinforced Nylon PA

Advantages

- Easy to assemble in central tapped hole of PRF4545 aluminium profile
- Supports up to 150 kg



Ideal for workstations



Assembly

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	B	H	N	ØM	B1	ØD	Max load (kg)	Weight (g)	Stock*	Price each 1 to 49
ACL-ALF45-8-M8	45	45-65	8	M8	28	6,5	150	80	✓	6,59 €

*Depending on availability - Dimensions in mm

Caster for aluminium profile

PRFROUL **MiniTec**

With brake

Materials:

Casing : black polyamide

Double wheel: black polyamide

- Max. load: 30kg

Uses

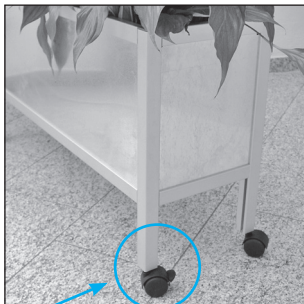
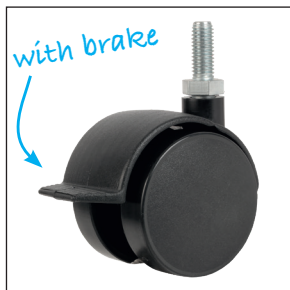
- Light mobile tables

- Wheeled filing cabinets

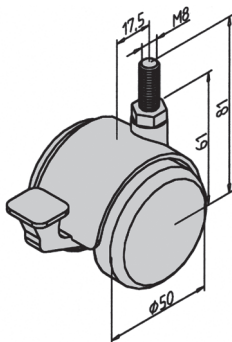
- Furniture

Assembly

- Tap (M8) the central hole of the vertical profile and screw on the caster



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-ROUL/F	Caster with brake	0,08	✓	9,18 €

*Depending on availability - Dimensions in mm

Caster for aluminium profile

No brake

MiniTec PRFROUL

- Materials:

Casing : black polyamide

Double wheel: black polyamide

- Max. load: 30kg

Uses

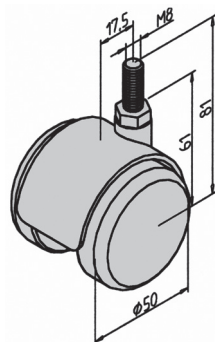
- Light mobile tables
- Wheeled filing cabinets
- Furniture

Assembly

- Tap (M8) the central hole of the vertical profile and screw on the caster



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-ROUL	Caster without brake	0,076	-	5,95 €

*Depending on availability - Dimensions in mm

Fixed castor for aluminium profile

TPEF

For loads up to 120kg

- Castor for aluminium profil 40/45mm such as PRF4545

- Materials:

Plate: powder-coated steel sheet, natural aluminium colour

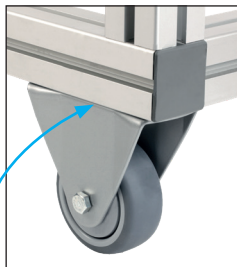
Wheel: grey polypropylene (RAL 7001)

Advantages

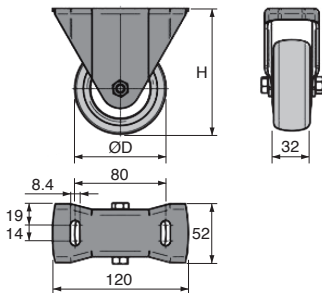
- Silent
- Will not mark floor
- Low rolling resistance

Info

- Fixing screws not supplied (See PRF-ECL-M8 (tome 5 p.315) and BHC8 (tome 1 p.562) CHC8-SS (tome 1 p.559) screws)



Typical application



Does not protrude from the profile after assembly

DISCOUNTS

Qty	1+	10+	30+
Disc.	List	-5%	On request

Part number	ØD	H	Maximum load (N)	Weight (g)	Price each 1 to 9
TPE80/F	80	111	1000	484	27,88 €
TPE100/F	100	136	1100	577	33,49 €
TPE125/F	125	161	1200	675	37,52 €

Dimensions in mm

Swivel castor for aluminium profile

For loads up to 120kg

TPEPDB

- Swivel castor with brake for use with aluminium profile 40/45mm such as PRF4545
- Material:
 - Plate: powder-coated steel sheet, natural aluminium colour
 - Wheel: grey polypropylene (RAL 7001)

Advantages

- Silent
- Will not mark floor
- Low rolling resistance

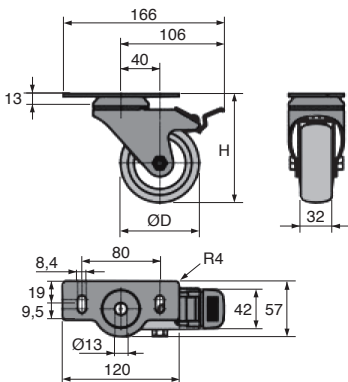
Info

- Fixing screws not supplied
- See PRF-ECL-M8 (tome 5 p.315) and BHC8 (tome 1 p.562) CHC8-SS (tome 1 p.559) screws



Typical application

Does not protrude from the profile after assembly



REMISES

Qté	1+	10+	30+
Rem.	Prix	-5%	Sur demande

Part number	ØD	H	Maximum load (N)	Weight (g)	Price each 1 to 9
TPE80/PDB	80	111	1000	710	41,31 €
TPE100/PDB	100	136	1100	787	45,10 €
TPE125/PDB	125	161	1200	873	50,49 €

Dimensions in mm

Retractable castor for aluminum profile

RESC

Load up to 200kg

- Retractable castor with foot, allowing easy transition from a rolling position to a fixed position.

- Materials:

Black PU tread

Wheel centre PA grey sim. RAL7001

Die-cast aluminium base plate

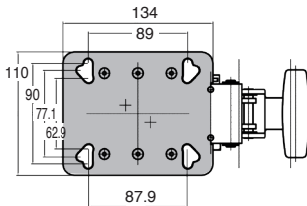
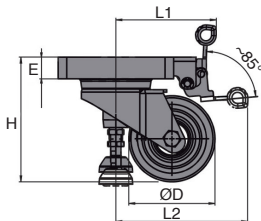
Steel wheel support

Advantages

- Allows the wheel to be shifted effortlessly into a fixed position thanks to the lever arm.
- Standing position more stable than a caster with brake.
- Prevents deformation of the tread under prolonged load.
- Can be mounted with the aluminium section in several different combinations.

Accessories

- Compatible with sections that have a width of 45mm PRF4545 and 90mm PRF4590 (tome 5 p.299)
- Compatible with section widths measuring 40mm, 80mm and 90mm
- CHC8-40/SS/B screw (tome 1 p.559)
- PRF-ECL-M8 nut (tome 5 p.315)



Application examples

DISCOUNTS

Qty	1+	10+	30+
Disc.	Price	-5%	On request

Part number	ØD	E	H	L1	L2	Max load (N)	Weight (kg)	Price per unit 1 to 9
RESC80-125	80	25.3	125	117	153	1500	1.64	192,56 €
RESC100-145	100	25.3	145	117	153	2000	1.94	195,13 €

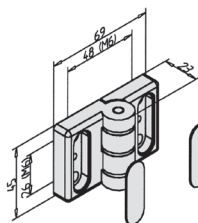
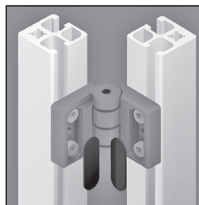
Dimensions in mm

Hinge for aluminium profile

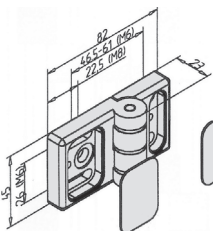
Framing hinge

MiniTec PRFCHA

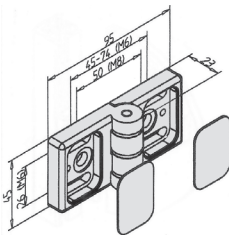
- **Surface mounting hinges**
- Designed to support large doors and panels
- Allows profiles to be joined at any angle
- For heavy doors/panels, use multiple hinges
- Supplied with protective covers but not the fixing kit
- Material: grey powder coated aluminium GD



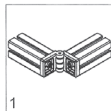
PRF19-CHA



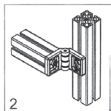
PRF32-CHA



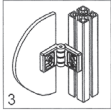
PRF45-CHA



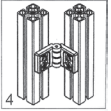
1



2



3



4

Typical application

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	For profile	Load (N)	Weight (kg)	Stock*	Price each 1 to 49
PRF-19-CHA	PRF19, PRF32	600	0,090	✓	17,46 €
PRF-32-CHA	PRF19, PRF32, PRF45	600	0,095	✓	16,31 €
PRF-45-CHA	PRF45	600	0,104	✓	15,30 €

*Depending on availability - Dimensions in mm

Hinge for aluminium profile



ACLCHAR

Adjustable in one direction

- **Surface mounting hinge for PRF4545 aluminium profiles**

- Secured using DIN 7984 or DIN7380 M6 screws (not supplied)

- Material:
Die cast aluminium
Steel pin

With oblong holes for adjustment

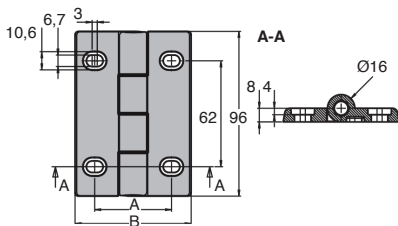


Advantages

- Elongated holes permit correct positioning in case of deformation due to excessive weight or length



Elongated holes correct for errors in positioning or flexing



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	A	B	Weight (g)	Stock*	Price each 1 to 49
ACL-CHAR78-96	50	78	169.5	✓	14.13 €

*Depending on availability - Dimensions in mm

Front hinge for aluminium profile

Adjusts in 2 directions

ACL-CHARJ

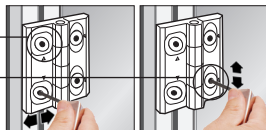
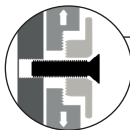
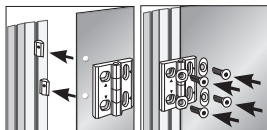
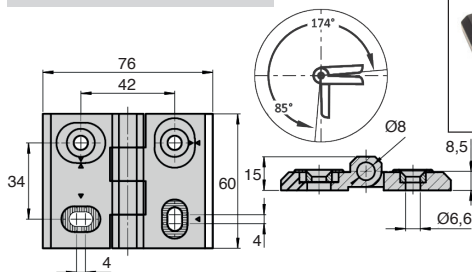
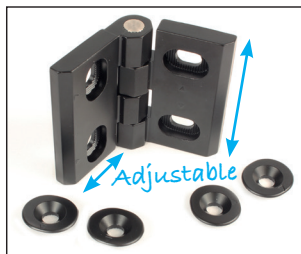
- Hinge that can be adjusted in 2 directions
- Allows precise positioning, both horizontally and vertically
- Materials:
Plates – Moulded zinc
Pin- stainless steel

Advantages

- This hinge can be adjusted in both the X and Y planes thanks to use of serrated oblong holes and serrated washers

Accessories

- Use M6 FHC screws (not supplied)
See FHC6-16/SS (tome 1 p.560)
and PRF-ECL-M6/SS (tome 5 p.315)



DISCOUNTS

Qty	1+	50+	100+
Disc	Net	+5%	On request

Part number	Load FA max (N)	Load FR max (N)	Weight (g)	Stock*	Price each 1 to 49
ACL-CHARJ60-76	1200	2200	190	✓	31,89 €

*Depending on availability - Dimensions in mm

Front hinge for aluminium profile

CHA

3 materials available

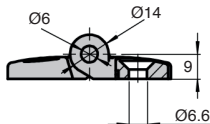
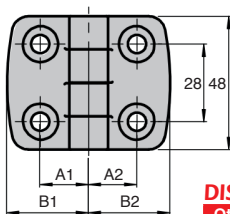
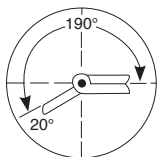
- Screw-on hinge

- For aluminium profile 30x30mm, 40x40mm or 45x45mm (PRF4545)
- Opening angle 180°
- Material:
 - 316 stainless steel leaves
 - Glass-fibre reinforced Black PA/Nylon
 - Cast aluminium
 - Stainless steel pin
 - PTFE bearing (Aluminium version only)
- Mount using **M6 FHC6** milled head screws



Accessory

- Mount using **M6 FHC6** milled head screws (tome 1 p.560)



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	Net	-5%	-10%	On request

Part number	A1	A2	B1	B2	FA max (N)	FR max (N)	Profile section	Weight (g)	Price each 1 to 5
Stainless steel hinge									
CHA35-48/SS	17,5	17,5	29,5	29,5	575	800	30x30	167	39,99 €
CHA45-48/SS	22,5	22,5	38,5	38,5	675	900	40x40	205	44,08 €
CHA50-48/SS	25,0	25,0	42,5	42,5	675	900	45x45	223	49,34 €
Glass reinforced plastic hinge									
CHA35-48/PA	17,5	17,5	29,5	29,5	400	700	30x30	36	4,97 €
CHA45-48/PA	22,5	22,5	38,5	38,5	450	750	40x40	43	5,02 €
CHA50-48/PA	25,0	25,0	43,5	43,5	450	750	45x45	46	5,14 €
Aluminium hinge									
CHA35-48/AL	17,5	17,5	29,5	29,5	225	325	30x30	65	15,16 €
CHA45-48/AL	22,5	22,5	38,5	38,5	250	400	40x40	69	16,14 €
CHA50-48/AL	25,0	25,0	43,5	43,5	250	400	45x45	73	16,35 €

All dimensions in mm

Articulated bracket for aluminium profile

For loads up to 5000N **MiniTec** PRFART

- **Cannot be used as a hinge**
- Fixing kit supplied
- Materials:
 - Body/handle: grey powder coated aluminium GD
 - Screw/locking piece: aluminium GD

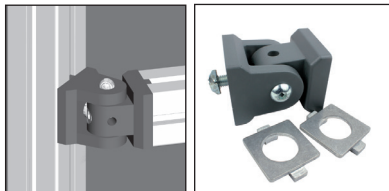
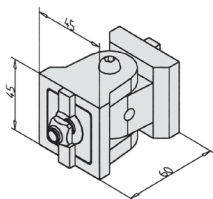
Uses

Simple bracket

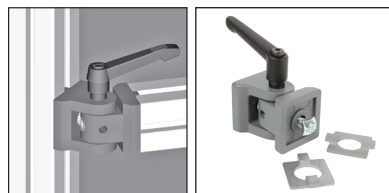
- Use for connecting profiles at any angle
- Use for reinforcing structures or frames
- **Bracket with handle**
- Clamping handle for positioning structures
- Use for positioning control stations or widgets
- For heavy loads, use multiple brackets

Assembly

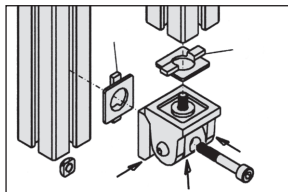
- Place the two parts of the bracket in required positions
- Fix using the screws supplied
- Tighten using the handle (**PRF-ART-P**) or the lateral screw (**PRF-ART**)
- The joint cannot be taken apart once assembled.



PRF-ART



PRF-ART-P



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Max. load (N)	Weight (kg)	Stock*	Price each 1 to 49
Simple bracket				
PRF-ART	5000	0,25	✓	44,97 €
Bracket with handle				
PRF-ART-P	1500	0,28	✓	49,69 €

*Depending on availability - Dimensions in mm

PAP

Ergonomic handle

- Ergonomic handle for use with profiles
- Material:
Black glass fibre reinforced nylon

Advantages

- Provides finger protection
- Suitable for use with PRF aluminium profiles

Info

- No mounting screws supplied (see PRF-ECL-M8 (tome 5 p.315) and screw BHC8, CHC8 (tome 1 p.562))

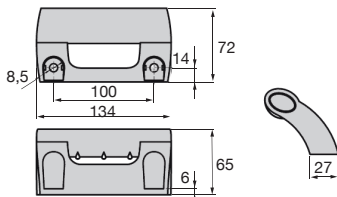


PAP 135

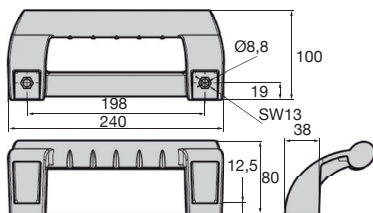
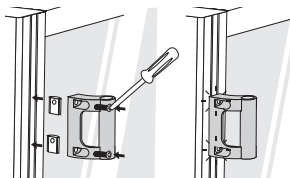
PAP 240



PAP 135



PAP 135



PAP 240

DISCOUNTS

Qty	1+	50+	100+
Disc.	List -5%	On request	

Part number	For screw	Weight (g)	Stock*	Price each 1 to 49
PAP-135	M8	114	✓	6,90 €
PAP-240	M8	356	✓	30,17 €

* Depending on availability - Dimensions in mm

Door handle for aluminium profile

With lock suitable for
45x45 profile

MiniTec PRF_{PGN}

- To be used with cam PRF-45-CAM

- Materials:

Handle: grey polyamide

Cam: zinc plated steel

Applications

- Use to secure doors and swinging safety shutters

Assembly

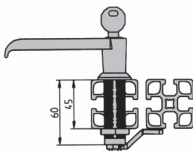
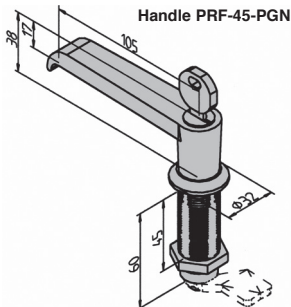
- Drill Ø22 hole in centre of the profile
- Insert the handle from the front and secure using nut on the inside
- Attach the locking cam



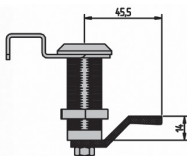
Handle PRF-45-PGN



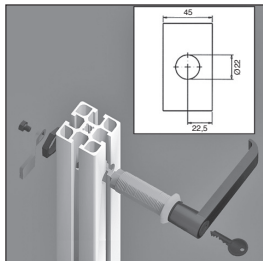
Cam PRF-45-CAM



Typical application



Cam PRF-45-CAM



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-45-PGN	Door handle	0,195	✓	34,70 €
PRF-45-CAM	Locking cam	0,160	✓	1,11 €

* Depending on availability - Dimensions in mm

Emergency release button

New

PRF_{BOU}

For use with profile locks

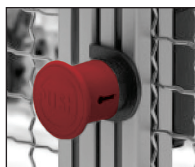
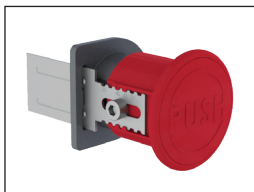
- Emergency release button allows security doors fitted with PRF-SRA-CAP locks to be opened
- Secured using CHC M6 screws
- Materials:
 - Button: glass fibre reinforced PA nylon
 - Plate: chromed steel
- Working temp range: -20° to 55 °C

Advantages

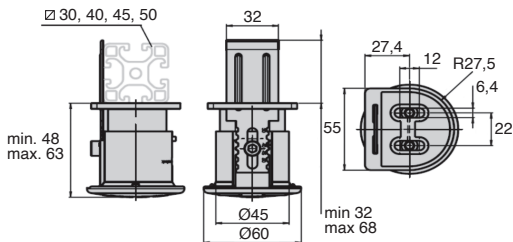
- Ideal for opening the door from the inside if there is a risk of an operator becoming trapped
- Can be mounted on 30, 40, 45 or 50 mm section profiles

Accessories

- PRF-ECL-M6 (tome 5 p.315) screws



Typical application



DISCOUNTS

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

Part number	Weight (g)	Price each
PRF-BOU-URG	110,8	41,47 €

Dimensions in mm

Lock for aluminium profile

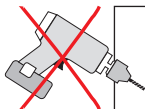
For **sliding doors**

PRF**SCL**

- Lock for sliding doors on systems assembled using PRF454545 aluminium profiles

- Material:

Die-cast aluminium housing with black coating



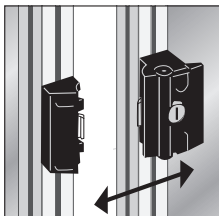
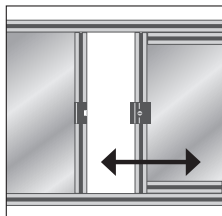
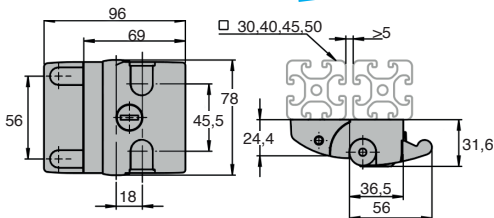
No machining

Advantages

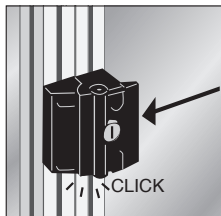
- Easy mounting from the front using CHC M6 screws
- No drilling required

Accessories

- Screws **CHC6-16** (tome 1 p.554) and square nut **PRF-ECL-M6** (tome 5 p.315), not supplied



Typical application



DISCOUNTS

Qty	1+	2+	5+
Disc.	Net	-5%	On request

Part number	Type	Weight (g)	Price each
PRF-SCL-78-A	With universal key	246	52,55 €
PRF-SCL-78-B	With unique key	246	52,55 €
PRF-SCL-78-C	No key	216	50,18 €

All dimensions in mm

Lock for aluminium profile

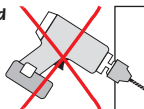


PRFSRA **Quick fitting,** self locking door lock

- Door or trap lock for structures assembled on PRF4545 aluminium profiles

- Material:

Die cast aluminium housing with black finish



No drilling required

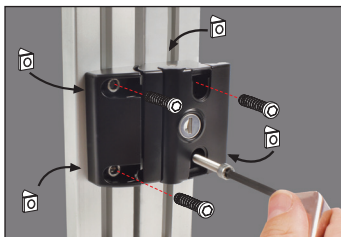
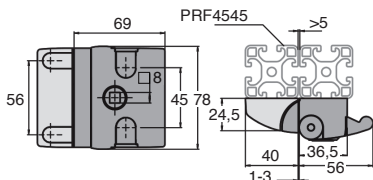


Advantages

- Easy to mount from the front using M6 CHC screws
- No drilling required

Accessories

- CHC6-16 screws (tome 1 p.554) and PRF-ECL-M6 (tome 5 p.315) channel mounting nuts not supplied



Surface mounting

DISCOUNTS

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

Part number	Type	Weight (g)	Stock*	Price each
PRF-SRA-78-A	With universal key	235,5	✓	47,60 €
PRF-SRA-78-B	With individual key	235,5	-	47,60 €
PRF-SRA-78-C	No key	204,0	-	45,69 €

*Depending on availability - Dimensions in mm

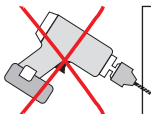


Dual lock aluminium profile

Quick fitting, self-locking door lock

PRFSRAD

- Door or trap lock for structures assembled from PRF4545 aluminium profiles
- Mounts on central support and allows 2 doors to be locked separately
- Material: Die cast aluminium housing with black finish



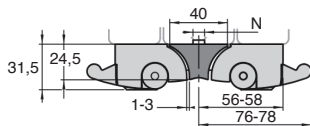
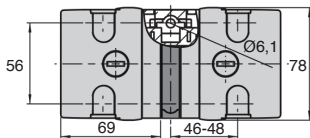
No drilling
required

Advantages

- Easy to mount from the front using M6 CHC screws
- No drilling required
- Security feature:
Cannot be removed whilst locked

Accessories

- CHC6-16 screws (tome 1 p.554) and PRF-ECL-M6 (tome 5 p.315) channel mounting nuts not supplied



More aesthetic and
more economical

DISCOUNTS

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

Part number	Type	For slot N	Weight (g)	Price each
PRF-SRAD-78-A	With universal key	8/10	235,5	87,32 €
PRF-SRAD-78-B	With individual key	8/10	235,5	87,32 €

Dimensions in mm

Closing mechanism for aluminium profiles

ACLBDB

Dual ball catch

- **Rapid closing mechanism for doors**

- **Material**

Black glass fibre reinforced nylon

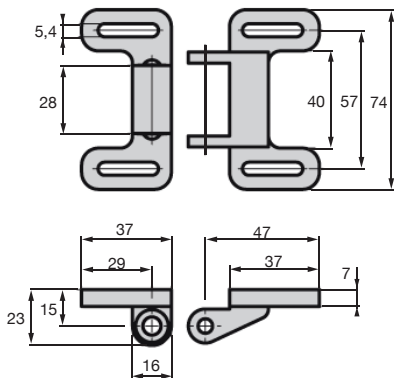
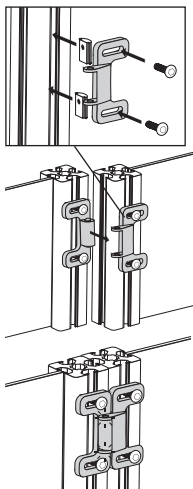
Balls : stainless steel

Advantages

- Suitable for use with
PRF aluminium profiles

Info

- Mounting screws not supplied
(see PRF-ECL-M5 (tome 5 p.315)
and BHC5 (tome 1 p.562))



DISCOUNTS

Qty	1+	50+	100+
Disc.	List -5%	On request	

Part number	Retaining force (N)	Weight (g)	Stock*	Price each 1 to 49
ACL-BDB-25	25	38	✓	7,23 €

Dimensions in mm



Latch for aluminium profiles

Spring operated latch **ACLPP**

- Spring operated latch for aluminium profiles

- Material

Body : Die cast zinc

Handle : Black nylon

Nut : Stainless steel

Advantages

- Suitable for PRF aluminium profiles

- Mounts in any position

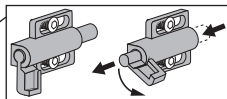
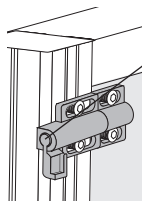
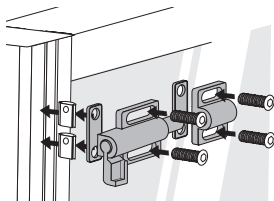
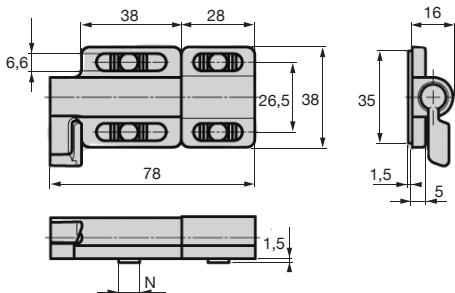
Info

- Mounting screws not supplied

(see PRF-ECL-M6

(tome 5 p.315)

and BHC6 (tome 1 p.562))



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	N	Weight (g)	Stock*	Price each 1 to 49
ACL-LPP-78	8-10	120	✓	21,73 €

* Depending on availability - Dimensions in mm

Door stop for aluminium profile

ACLAPB

Magnetic closing

- Quick door closing system

- Materials:

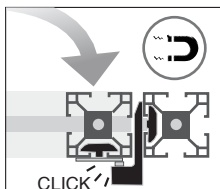
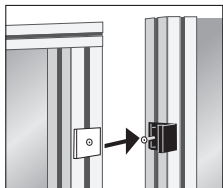
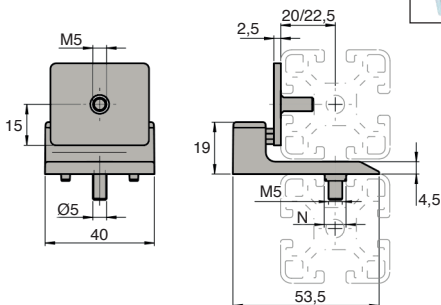
- Glass fibre reinforced PA plastic
- Neodymium magnet
- Steel counter plate and screws

Advantages

- Discrete stop
- Small size, takes up little space inside the machine

Info

- Nut not supplied (see PRF-ECL-M5 (tome 5 p.315))



Typical application

DISCOUNTS

Qty	1+	50+	100+
Disc.	Net	-5%	On request

Part number	N	Holding force (N)	Weight (g)	Price each
ACL-APB-53	8/10	30	53	1 to 49 11,97 €

All dimensions in mm

Magnetic stop for aluminium profiles

Closes using **magnetism**

ACLAPA

- **Rapid closing mechanism for doors**
- **Material**

Black glass fibre reinforced nylon
Retaining force : 30-50N approx

Advantages

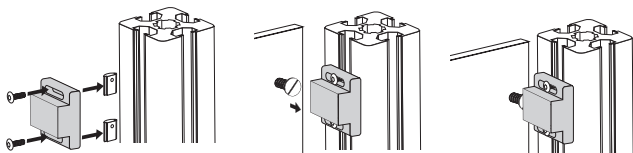
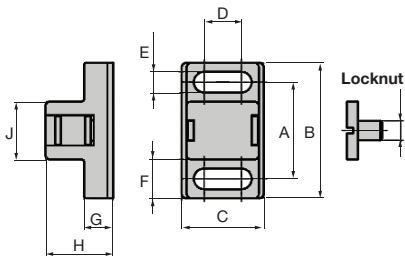
- Suitable for **PRF** aluminium profiles

Info

- Mounting screws not supplied
(see **PRF-ECL-M6** (tome 5 p.315)
and **BHC6** (tome 1 p.562))
- Not sold individually, contact us for details



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	DIN921 locknut	A	B	C	D	E	F	G	H	J	Weight (g)	Stock*	Price each 1 to 49
ACL-APA-20	M4x5	20	28	17	7,7	4,3	8	6	14	12	9	✓	4,80 €
ACL-APA-30	M5x6	30	40	28	13,5	6,3	10,5	10	20	18,4	39	✓	6,39 €

* Depending on availability - Dimensions in mm

Spherical ended stop for alu. profiles

ACLBS

Clip-in click to close

- Rapid closing mechanism for doors
- Material

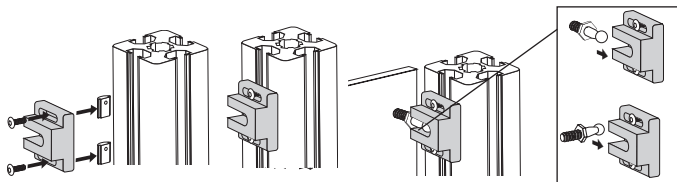
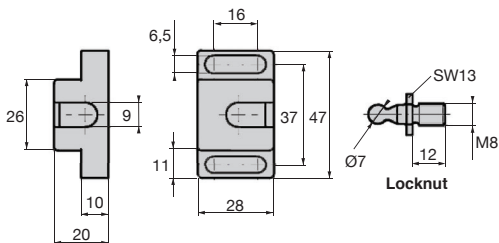
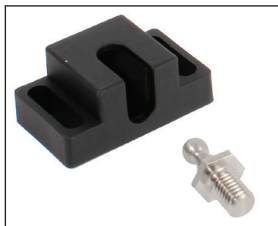
Black glass fibre reinforced nylon

Advantages

- Suitable for PRF aluminium profiles
- Mounts in any position

Info

- Mounting screws not supplied (see PRF-ECL-M6 (tome 5 p.315) and BHC6 (tome 1 p.562))



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Locknut	Retaining force (N)	Weight (g)	Stock*	Price each 1 to 49
ACL-BTS-40/ZN	Chromed	40	45	✓	6,00 €
ACL-BTS-40/SS	Stainless steel 304	40	45	✓	8,57 €
ACL-BTS-50/ZN	Chromed	50	45	✓	6,00 €
ACL-BTS-50/SS	Stainless steel 304	50	45	✓	9,48 €

* Depending on availability - Dimensions in mm

Closing system for use with alu. profiles

Accessories for spherical end stop **ACLBS**

- **Rapid closing mechanism for doors**
- **Material**
Black glass fibre reinforced nylon

Advantages

- Suitable for PRF aluminium profiles
- Mounts in any position

Info

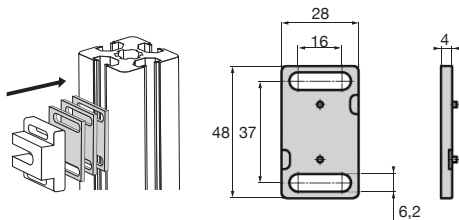
- Mounting screws not supplied
(see PRF-ECL-M6 (tome 5 p.315)
and BHC6 (tome 1 p.562))



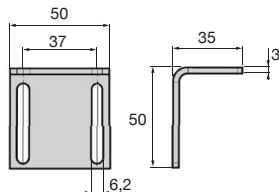
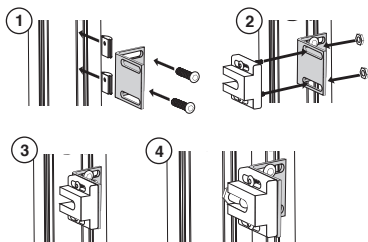
ACL-BTS-ET



ACL-BTS-EQ



ACL-BTS-ET



ACL-BTS-EQ

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Version	Material	Weight (g)	Stock*	Price each 1 to 49
ACL-BTS-ET	Spacer	Nylon	5	-	0,57 €
ACL-BTS-EQ	90° bracket	Chromed steel	72,4	✓	3,67 €

* Depending on availability - Dimensions in mm

Doorstop

PRF_{BP} **MiniTec** Stop for swing type doors

- **Clip-on stop**
- **Holds door closed when used with snap-bolt F-BP6D.**
- Fixing kit supplied
- Materials:
 - Stop: grey PA6 polyamide
 - Screw: electroplated steel

Advantages

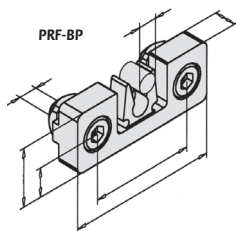
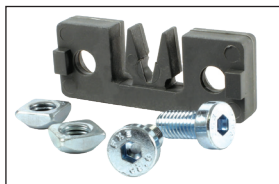
- Can also be used to support **RLX5** rollers

Assembly

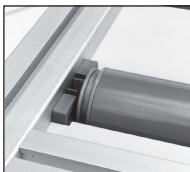
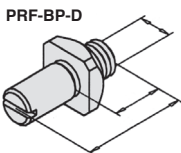
- Can be mounted on all PRF profiles using the fixing kit supplied
- Requires **PRF-BP-D** snap bolt

Accessory

- Conveyor roller **RLX** (tome 5 p.30)



Used as a doorstop



Used to support a roller



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Weight (kg)	Stock*	Price each 1 to 49
Doorstop			
PRF-BP	0,041	✓	7,26 €
Snap bolt			
PRF-BP-D	0,013	✓	2,26 €

*Depending on availability - Dimensions in mm

Detector support for aluminium profiles

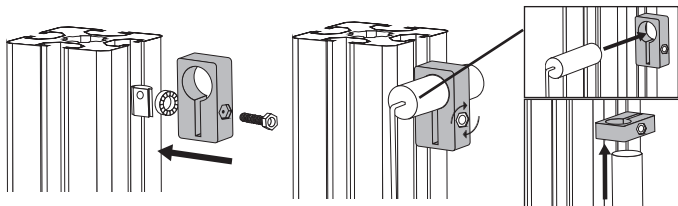
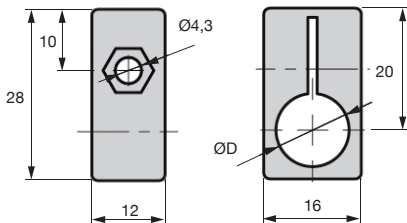
Support for sensors
from Ø6.5 to Ø12

ACL_{BMC}

- Sensor/Detector holder
- Material:
Black glass fibre reinforced nylon

Advantages

- Suitable for use with **PRF** aluminium profiles
- Important: mounting accessories should be ordered separately
- Not sold individually, contact us for details



DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	

Part number	Type	For screw	ØD	Weight (g)	Stock*	Price each 1 to 49
ACL-BMC-6	Support	-	6,5	5	-	2,37 €
ACL-BMC-8	Support	-	8	4,5	-	2,37 €
ACL-BMC-12	Support	-	12	4	✓	2,37 €
ACL-BMC-EF	Mounting accessories	M8		0,3	-	0,21 €

*Depending on availability - Dimensions in mm

Support for Ø18 or Ø20mm Prox detectors Stock

PRF_{SDD} **MiniTec**

Suitable for use with aluminium profiles

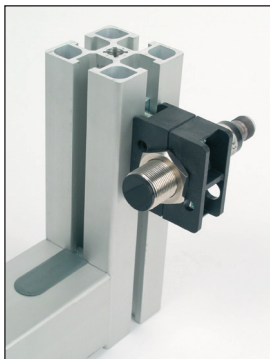
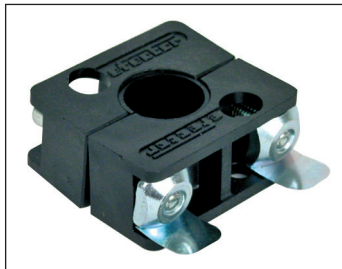
- Suitable for all Ø18 or Ø20mm proximity detectors
- Fixing kit supplied
- Material: black plastic

Application

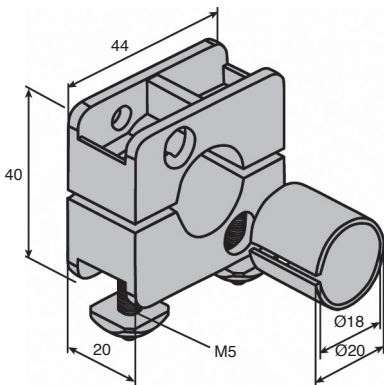
- Allows an Ø18 or Ø20mm proximity detector to be mounted on a profile or linear guide

Assembly

- Mounts in the slot of a profile using the fixing kit supplied



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	On request

Part number	Weight (g)	Stock*	Price each 1 to 49
PRF-SDD-18/20	50	✓	5.58 €

*Depending on availability - Dimensions in mm

Cable clip for aluminium profile

For electrical cables and pneumatic tubes

MiniTec PRFCLIP

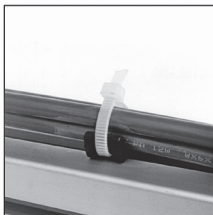
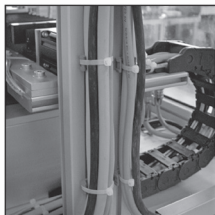
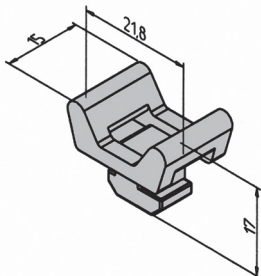
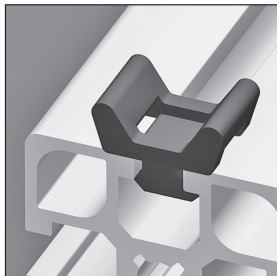
- Material: grey PA6 polyamide

Application

- Simple fastening of electric cables and pneumatic tubes

Assembly

- Insert the clip into the profile and make a quarter turn to secure it in place
- Insert a suitably sized LAS cable tie, position the cable/tube and fully tighten the cable tie, removing the excess material



Typical application

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-CLIP-22	Cable clip	0,002	✓	1,90 €

*Depending on availability - Dimensions in mm

Cable clip for aluminium profile

PRFCLIP **MiniTec**

For use with cable cover PRF45-GOU-3

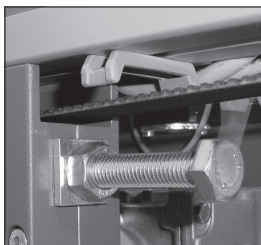
- Material: grey PA6 polyamide

Application

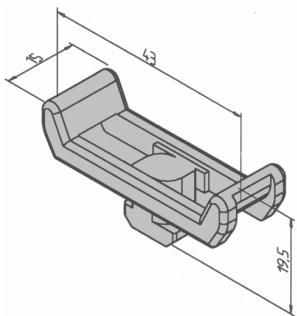
- For attaching electrical cables and pneumatic tubing
- Can also be used to secure the PRF45-GOU-3 cable cover (on request)

Assembly

- Insert the clip into the profile and make a quarter-turn to secure it in place
- Insert a suitably sized LAS cable tie, position the cable/tube and fully tighten the cable tie, removing the excess material.



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-CLIP-45	Cable clip	0,004	✓	3,10 €

*Depending on availability - Dimensions in mm



Wheel for aluminium profiles

Guide wheel

ACL RP

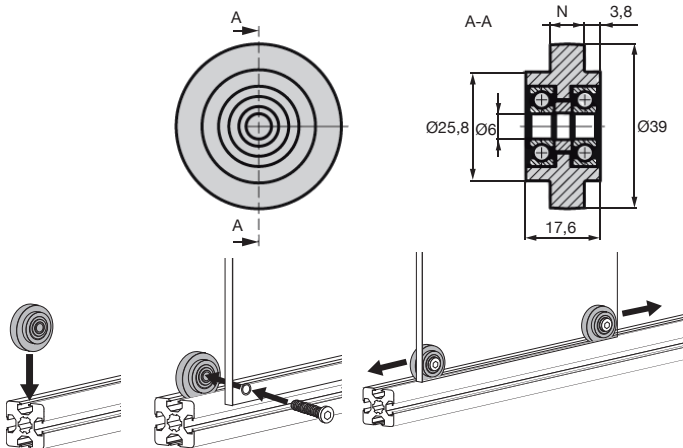
- Guide wheel for use in the slots of aluminium profiles
- Integrated bearing
- Material:
Black glass fibre reinforced nylon
Colour : RAL7032 (pebble gray)

Advantages

- Suitable for use with PRF aluminium profiles

Info

- No screws supplied



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	N	Weight (g)	Stock*	Price each 1 to 49
ACL-RP-39	8	30	✓	12,95 €

* Depending on availability - Dimensions in mm

Roller block for aluminium profiles

ACLERP

Create your own roller track

- Roller block for PRF aluminium profiles
- Materials
Black glass fibre reinforced nylon
Rollers : POM
- Exists in 2 versions,
with and without guide
- Max load : 100N each



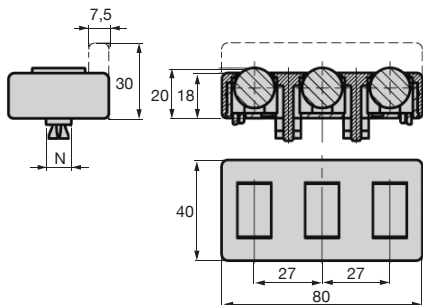
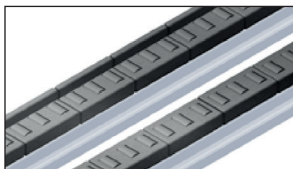
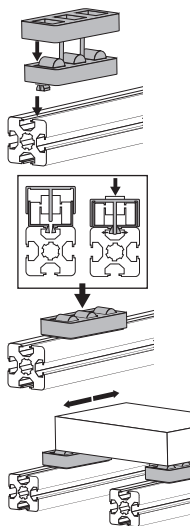
ACL-ERP-SG



ACL-ERP-AG

Advantages

- Clip-on installation



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

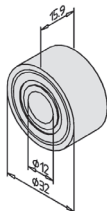
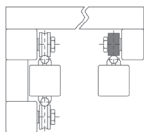
Part number	Version	N	Weight (g)	Stock*	Price each 1 to 49
ACL-ERP-SG	Without guide rail	8-10	43	✓	5,15 €
ACL-ERP-AG	With guide rail	8-10	48	✓	5,83 €

* Depending on availability - Dimensions in mm

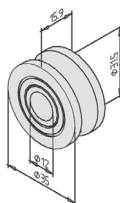
Roller for linear guide shaft

MiniTec PRFGAL

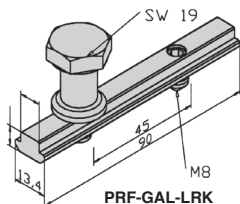
- Guide wheel
- Double row bearing
- Roller PRF-GAL can compensate for small amounts of backlash for parallel working guidance systems
- PRF-GAL-12 is used with a Ø12mm guide shaft such as Z-12-3000A or Z-12-3000B (on request)
- Material: steel



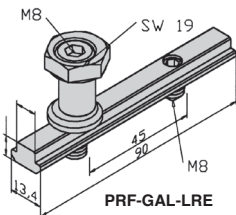
PRF-GAL



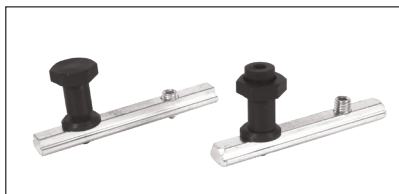
PRF-GAL-12



PRF-GAL-LRK



PRF-GAL-LRE



PRF-GAL-LRK

PRF-GAL-LRE

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Profile	Load Static (N)	Load Dynamic (N)	Weight (kg)	Stock*	Price each 1 to 49
Roller						
PRF-GAL	Flat	5100	8600	0,060	✓	58,61 €
PRF-GAL-12	Concave Ø12	6000	10500	0,068	✓	26,00 €
Fixing kit for roller						
PRF-GAL-LRK	Concentric	-	-	0,100	-	23,30 €
PRF-GAL-LRE	Eccentric	-	-	0,100	-	28,83 €

*Depending on availability - Dimensions in mm

Guide for aluminium profile

PRFGPA **MiniTec**

Parallel rails

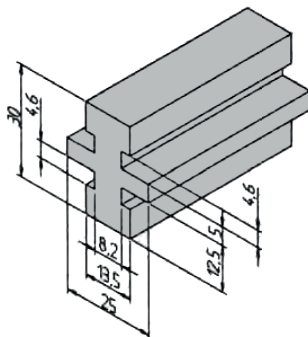
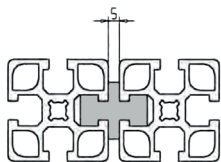
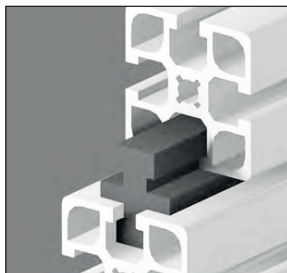
- **Parallel guides for PRF profiles**
- Full edge-to-edge movement
- Length 2 metres
- Materials:
Hard plastic, black

Advantages

- Does not change overall height
- Particularly wear-resistant

Mounting

- If necessary, fix on one side with M6x16 screws (machining on the aluminium profile and on the rail required)



DISCOUNTS

Qty	1+	5+	10+
Disc	Net	-5%	On request

Part number	L	Weight (g/m)	Price each
PRF-GPA-2	2000	387	1 to 4 56.56 €

All dimensions in mm

Guide for aluminium profile

Rail for 8mm wide slots **MiniTecPRFGPB**

- Guide rail for inserting in the slot of an aluminium profile
- Length 2 metres
- Materials:
Hard plastic, black

Applications

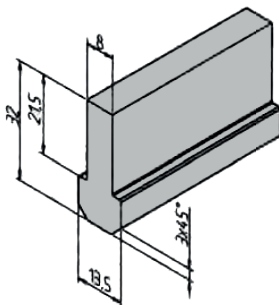
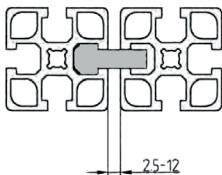
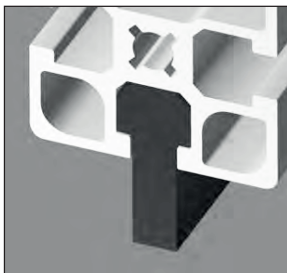
- Guides for sliding doors, drawers
- Lateral guide for a belt conveyor

Advantages

- Particularly wear resistant

Assembly

- Slide into the slot of a PRF45 profile



DISCOUNTS

Qty	1+	5+	10+
Disc	Net	-5%	On request

Part number	L	Weight (g/m)	Price each
PRF-GPB-2	2000	300	1 to 4 47,50 €

All dimensions in mm

Lip seal for aluminium profile panels

PRFJL **MiniTec** For 2mm thick panels

- Material: black EPDM
- Seal sold by the metre

Application

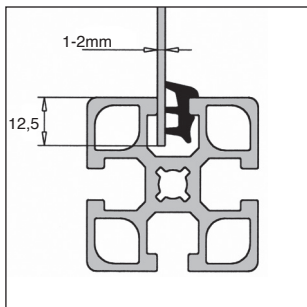
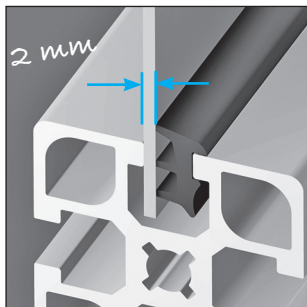
- For supporting and sealing 2mm thick panels in profile slots
- Cannot be used with acrylic or polycarbonate panels

Assembly

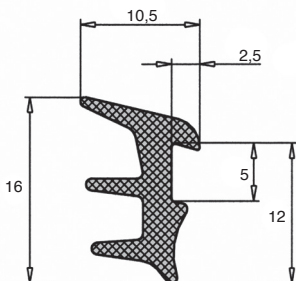
- Place the panel in the profile slot
- Insert the lip seal
- Press seal into place with suitable blunt tool
- For panels thinner than 2mm, use 2 PRF-JL-6 seals on either side of the panel instead.

Info.

- Max length available 200m
- Panels: Add 25mm to height and width of aperture to ensure panel will be supported correctly



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg/m)	Price per metre
PRF-JL-2	Lip seal	0,092	4,41 €

Dimensions in mm

Lip seal for aluminium profile panels

For 4mm thick panels

MiniTec PRFJL

- Material: black EPDM AGV
- Seal sold by the metre

Application

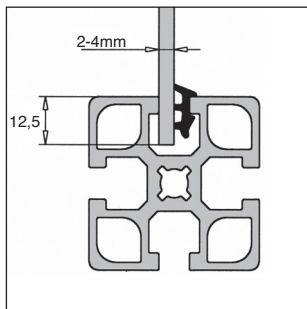
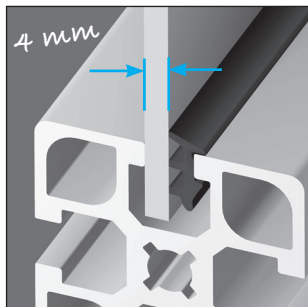
- For supporting and sealing 2-4mm thick panels in profile slots
- Can also be used with acrylic or polycarbonate panels

Assembly

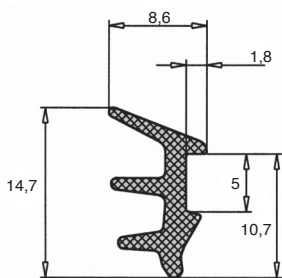
- Place the panel in the profile slot
- Insert the lip seal
- Press seal into place with suitable blunt tool

Info.

- Max length available 200m
- Panels: Add 25mm to height and width of a perture to ensure panel will be supported correctly



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg/m)	Price per metre
PRF-JL-4	Lip seal	0,065	3,34 €

Dimensions in mm

Lip seal for aluminium profile panels

PRFJL **MiniTec** For 5mm thick panels

- Material: black EPDM AGV
- Seal sold by the metre

Application

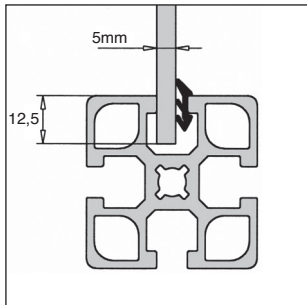
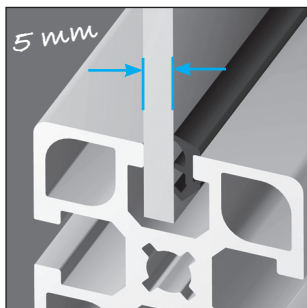
- For supporting and sealing 5mm thick panels in profile slots
- Can be used with Plexiglass or polycarbonate panels

Assembly

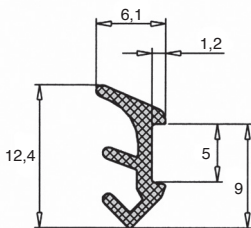
- Place the panel in the profile slot
- Insert the lip seal
- Press seal into place with suitable blunt tool

Info.

- Max length available 200m
- Panels: Add 25mm to height and width of aperture to ensure panel will be supported correctly



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg/m)	Price per metre
PRF-JL-5	Lip seal	0,033	3,36 €

Dimensions in mm

Lip seal for aluminium profile panels

For 6mm thick panels

MiniTecPRFJL

- Material: black EPDM AGV
- Seal sold by the metre

Application

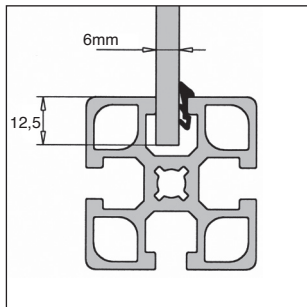
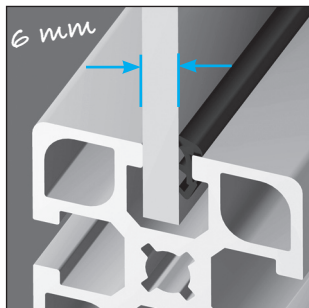
- For supporting and sealing 6mm thick panels in profile slots
- Can be used with Plexiglass or polycarbonate panels
- Can also be used to support panels thinner than 2mm by using a seal on each side

Assembly

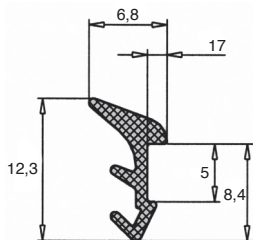
- Place the panel in the profile slot
- Insert the lip seal
- Press seal into place with suitable blunt tool

Info.

- Max length available 200m
- Panels: Add 25mm to height and width of aperture to ensure panel will be supported correctly



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg/m)	Price per metre
PRF-JL-6	Lip seal	0,033	3,34 €

Dimensions in mm

Door seal for aluminium profile

PRFLIS **MiniTec**

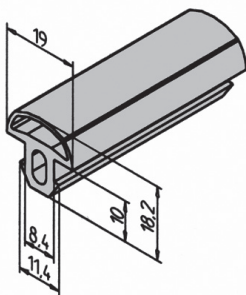
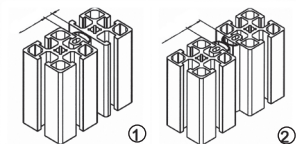
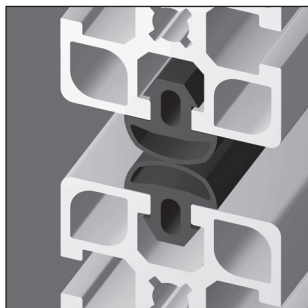
- Material: black NBR
- Hardness (Shore A) 70
- Flexible seal supplied by the metre

Uses

- Seals doors, panels and other assembled structures against dust, water, noise pollution etc...

Assembly

- Insert the seal into the slot of the profile
- ① When using 1 seal, leave a gap of 5-8mm
- ② When using seals on both profiles, a gap of 10-15mm is required



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg/m)	Price per metre
PRF-LIS	Seal	0,14	6,32 €

Dimensions in mm

Profile label holder

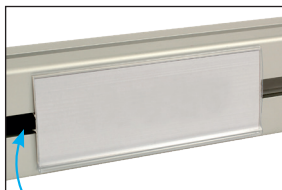
Plastic PVC

ETQ

- Allows labels to be attached to aluminium profiles
- For 36/38mm high labels
- Material:
Plastic PVC
- Colour: Grey RAL7035 / Transparent

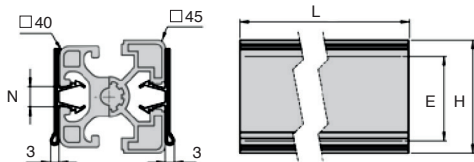
Info.

- The label slides into the holder which is then clipped to the profile
- Labels not supplied
- Supplied by the pack



Accessories

- For PRF4545 and PRF4590 profiles (tome 5 p.299-304)



Mounted on a profile

DISCOUNTS

Qty	1+	50+	100+
Disc	List	-5%	On request

Part number	N	E	H	L	Weight (g)	Qty per pack	Price each 1 to 49
ETQ40-102/B	8+10	36 (max. 38mm)	40	102	12	20	13,63 €
ETQ40-160/B	8+10	36 (max.38mm)	40	160	16	20	12,67 €

Dimensions in mm

Panel mounting block for aluminium structures

ACL_{FPA} Angular connector and support block

- Support for glazed panel, multiple blocks can be used to create angled joints

- Materials:

- Injection moulded zinc, aluminium sprayed coating
- Block supplied with 5 rubber pads for panel thicknesses from 2 to 5 mm

Assembly

- Insert the PRF-ECL-M5 nut (sold separately) into the slot of the aluminium profile.
- Attach the first side of the block using the M5 screw supplied.
- Attach the rubber mounting pads
- Tighten the second side of the mounting block
- When creating an angled joint, attach the first sides of each block, then attach the rubber mounting pads and then fix the second sides.



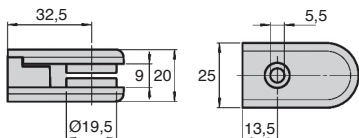
ACL-FPA-BM



ACL-FPA-RA



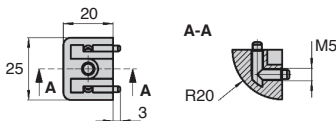
Typical application
ACL-FPA-BM



ACL-FPA-BM



ACL-FPA-BM + ACL-FPA-RA



ACL-FPA-RA

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

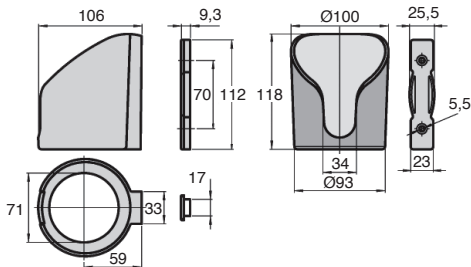
Part number	Type	Weight (g)	Stock*	Price each 1 to 49
ACL-FPA-BM	Support block	74	✓	12,41 €
ACL-FPA-RA	Angular connector	37	-	7,89 €

*Depending on availability - Dimensions in mm

- For safely supporting a bottle, can or cup or for storing a tool (e.g. an electric drill)
- Material:
Glass fibre reinforced PA nylon
- Secured using M5 countersunk screws

Info

- Mounting kit for mounting on aluminium profile sold separately



Typical application

DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	

Part number	Type	Colour	Weight (g)	Stock*	Price each 1 to 49
PGB-AF	Open bottom	black	145,6	✓	12,38 €
PGB-SF	Closed bottom	black	157,0	✓	12,38 €

*Depending on availability - Dimensions in mm



DELIVERY
24/48 H*

FREE
DELIVERY
FOR ORDERS
100€* OR MORE



VOLUME
DISCOUNT

1,2,3
PRODUCTS
SOLD
INDIVIDUALLY



MINIMUM
ORDER
20€*



FREE
CATALOGUES



CAD FILES
STEP, IGES...



MADE TO
MEASURE
AVAILABLE



FAST
QUOTES
& ORDERS

* Certain conditions apply - Deliveries to mainland France only

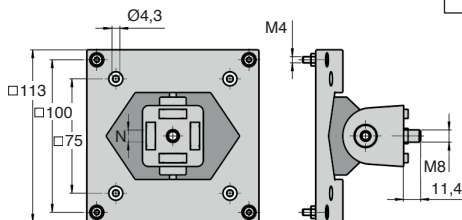
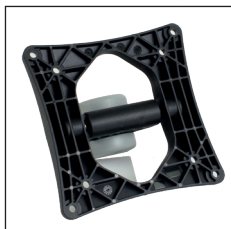
Basic support

PRFSCREEN

- **Swivel screen support**
- Can be fixed in the slot or on the end of a **PRF4545** aluminium profile, or other profiles with 8mm or 10mm grooves
- For screens conforming to VESA75 and VESA100 mounting standards
- Materials:
 - Support plate - PA plastic reinforced glass fibre
 - Hinge - PA plastic reinforced glass fibre
 - Steel screws and bolts

Advantages

- Easy to install on an aluminium profile
- Can be mounted horizontally or vertically for optimised visibility
- Precision finish for maximum strength



DISCOUNTS

Qty	1+	3+	5+
Disc. Net		-5%	On request

Part number	Max load (kg)	N	Weight (g)	Stock*	Price each 1 to 2
PRF-SCREEN-1	4,9	8 - 10	200	✓	121,23 €

*Depending on availability - Dimensions in mm

Screen support for aluminium profile



PRFSCREEN

Support with 4 axes of rotation

- **Screen support on articulated arm**
- Can be fixed in the slot or on the end of a PRF4545 aluminium profile, or on a fixed support
- 360° rotation on the vertical axis
- For screens conforming to VESA75 and VESA100 mounting standards

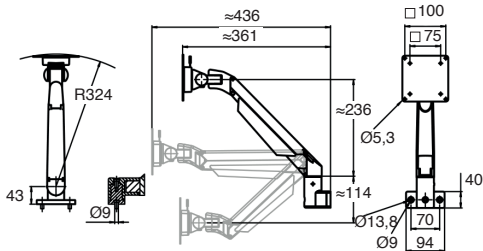
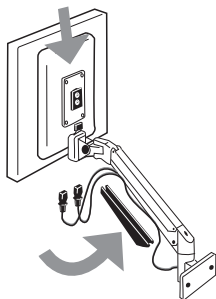
Materials :

- Removable VESA mounting plate - Steel/Plastics
- Screen holder - Cast aluminium, lacquered
- Support plate - Cast aluminium, lacquered
- Adapter - Cast aluminium, lacquered
- Cable cover - Black plastic
- Bearings and washers - Black plastic
- Zinc-plated steel screws



Advantages

- Easy to install on an aluminium profile
- Adjusts in all directions for optimum visibility
- Careful finishing for maximum strength



DISCOUNTS

Qty	1+	3+	5+
Disc.	Net	-5%	On request

Part number	Max load (kg)	Weight (g)	Price each
PRF-SCREEN-4	2 - 10	2200	1 to 2 391,52 €

Dimensions in mm



Screen support for aluminium profile

Support with 5 axes of rotation

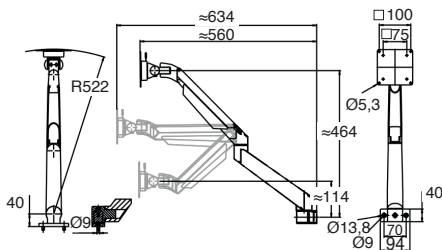
PRFSCREEN

- **Screen support on articulated arm**
- Can be fixed in the slot or on the end of a PRF4545 aluminium profile, or on a fixed support
- 360° rotation on the vertical axis
- For screens conforming to VESA75 and VESA100 mounting standards
- Materials :
 - Removable VESA mounting plate - Steel/Plastics
 - Screen holder - Cast aluminium, lacquered
 - Support plate - Cast aluminium, lacquered
 - Adapter - Cast aluminium, lacquered
 - Cable cover - Black plastic
 - Bearings and washers - Black plastic
 - Zinc-plated steel screws



Advantages

- Easy to install on an aluminium profile
- Adjusts in all directions for optimum visibility
- Precision finish for maximum strength



DISCOUNTS

Qty	1+	3+	5+
Disc. Net	-5%	-5%	On request

Part number	Max load (kg)	Weight (g)	Price each 1 to 2
PRF-SCREEN-5	2 - 10	2930	451,94 €

Dimensions in mm

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.

Non-contractual photographs.

Product information subject to technical changes.

General Terms of Sale for non-professional clients are available on our website hpceurope.com

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