

## Steel

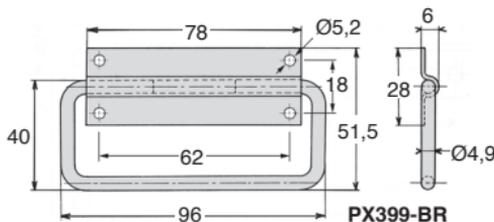
## PX PO

### Handle PX399-BR:

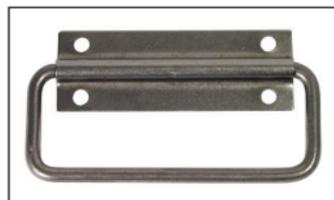
- The plate and ring of the handle are not solidly attached
- Plate: 1mm thick formed steel
- Ring: formed wire Ø4.9mm

### Handle PO301-ZB:

- Reduced height saves space
- Ring is secured to plate
- Pressed plate, 1.5mm
- 5 fixing holes Ø5.5mm
- Ring: steel wire 8mm
- Plate secured using 4 x light alloy rivets Ø3mm



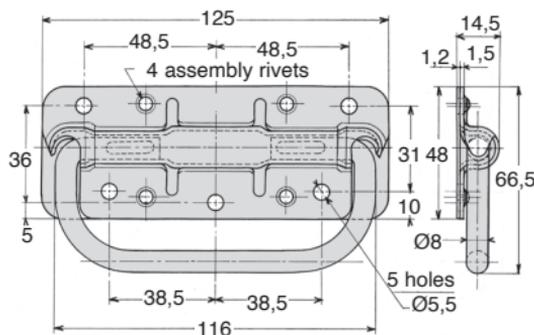
PX399-BR



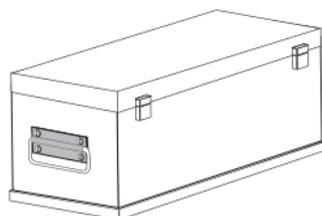
Handle PX399-BR



Handle PO301-ZB



PO301-ZB



Typical application

## DISCOUNTS

Qty	1+	6+	20+	50+	250+	400+
Disc.	List	-5%	-10%	-15%	-25%	On request

Part number	Finish	Fixing	Max. load per handle (kgf)	Weight (kg)	Stock*	Price each 1 to 5
<b>Ordinary carry handle</b>						
PX399-BR	Unfinished	With holes	10	0,049	✓	1,73 €
<b>Riveted carrying handle</b>						
PO301-ZB	White zinc	With holes	60	0,023	✓	9,58 €

\*Subject to 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



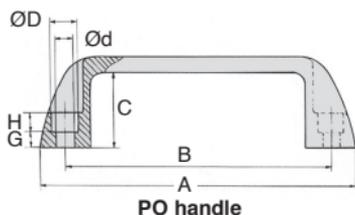
Grey: food industry

Add: /G  
to end of part number

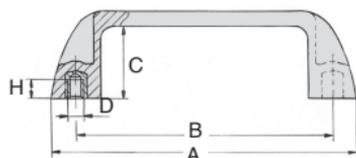


White: medical

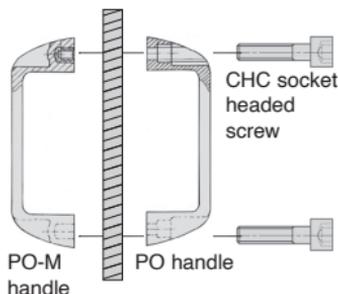
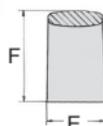
Add: /W  
to end of part number



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
<b>With smooth hole</b>											
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 €
<b>With threaded hole</b>											
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

# Push/pull handle



**PHT** For use in high temperatures **up to 250°C**

- **Heavy-duty handle, resists high temperatures**
- Working temperature:  
Continuous operation: max + 150/160°C  
Occasional use: + 250°C max
- Material:  
Thermoplastic PPA, glass-fibre reinforced,  
black finish



Smooth hole

## Applications

- Ovens
- Machines generating heat

## Mounting

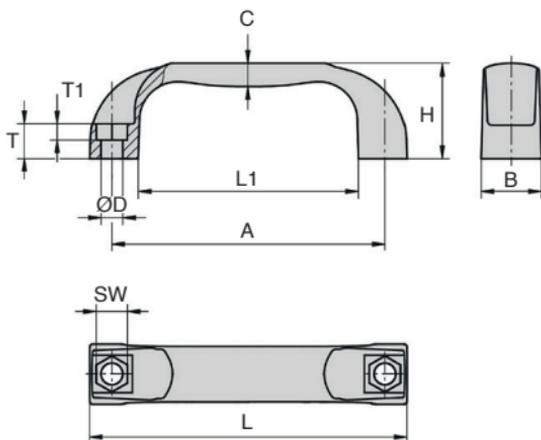
- The mounting hole allows the handle to be secured with either a cylindrical or hexagonal headed screw.
- Front or rear mounting



**150°C**  
Continuously



**250°C**  
For short periods



## DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	Net	-5%	-15%	On request

Part number	A	B	C	ØD	H	L	L1	SW	T	T1	Load (N)	Stock*	Price each
												1 to 5	
PHT-117	117	26	10	9	41	136	94	13	15	8	1500	✓	9,13 €
PHT-132	132	27	11	9	44	154	112	13	16	8	1500	✓	14,49 €

\*Depending on availability - Dimensions in mm



# Push/pull handle

For use in high temperatures **up to 250°C** PHT<sub>SS</sub>

- **Heavy-duty handle, resists high temperatures**
- Working temperature:
  - Continuous operation: max + 150/160°C
  - Occasional use: + 250°C max
- Material:
  - Thermoplastic PPA, glass-fibre reinforced, black finish
  - Threaded insert: stainless steel

## Applications

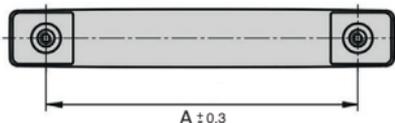
- This handle is larger than most and has an ergonomic design.
- Easy to clean thanks to a closed and smooth design.
- For use in the food or medical industries.

## Mounting

- Rear mounting



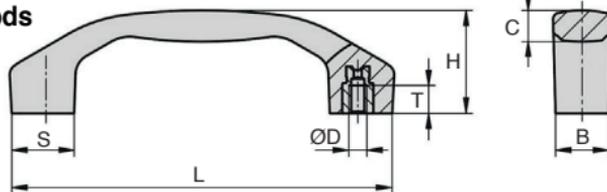
**150°C**  
Continuously



Stainless steel insert



**250°C**  
For short periods



## DISCOUNTS

Qty	1+	6+	20+	50+
Disc. Net	-5%	-15%	On request	

Part number	A	B	C	ØD	H	L	S	T	Load (N)	Stock*	Price each
											1 to 5
PHT-100/SS	100	17	10,3	M5	34,0	122,5	20	9	1000	-	19,45 €
PHT-120/SS	120	21	12,4	M6	41,0	146,0	24	12	1000	✓	23,31 €
PHT-140/SS	140	24	15,4	M8	46,5	170,0	28	12	1000	✓	32,10 €

\*Depending on availability - Dimensions in mm

# Front fixing handle



PGMT

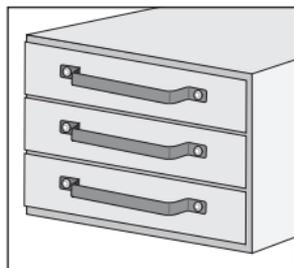
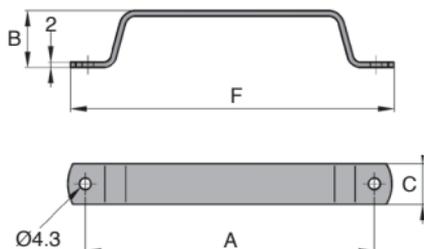
Steel or stainless steel

**Economy range**

- Push/pull handle
- Front fixing
- Materials:  
Galvanised steel  
Stainless steel, 304

## Info.

- The handle is made from pre-galvanized steel.
- Cut edges and holes may therefore not be galvanised



Typical application

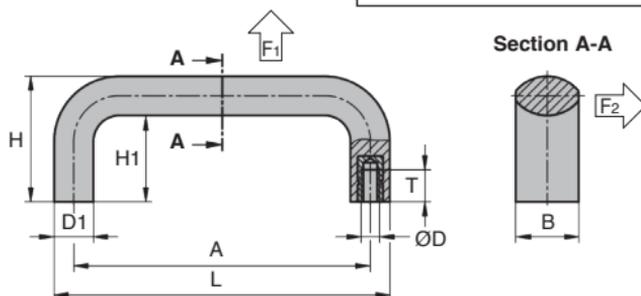
## DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-15%	On request	

Part number	Material	Finish	A	B	C	F	Weight (g)	Stock*	Price each 1 to 5
PGMT107-4/AG	Galvanised steel	Natural	107	21	15	120	32	✓	4,43 €
PGMT107-4/SS	Stainless steel 304	Deburred	107	21	15	120	32	✓	8,49 €

\*Depending on availability - Dimensions in mm

- Gripping handle for both pushing and pulling
- Rear mounting
- Material:  
Black glass-fibre reinforced thermoplastic,  
brass threaded insert



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-15%	On request

Part number	A	B	ØD	D1	H	H1	L	T	F1 (N)	F2 (N)	Stock*	Price each 1 to 5
PGM86-M5	86	20	M5	12,5	40	28	98,5	10	4000	1500	✓	7,90 €
PGM86-M6	86	20	M6	12,5	40	28	98,5	9	4000	1500	✓	8,30 €
PGM94-M5	94	20	M5	12,5	40	28	106,5	10	3300	1600	✓	8,27 €
PGM94-M6	94	20	M6	12,5	40	28	106,5	9	3300	1600	✓	8,52 €
PGM117-M5	117	25	M5	16,0	50	34	134,0	10	4400	1800	✓	8,80 €
PGM117-M6	117	25	M6	16,0	50	34	134,0	9	4400	1800	-	9,32 €
PGM117-M8	117	25	M8	16,0	50	34	134,0	14	4400	1800	✓	9,57 €
PGM120-M5	120	25	M5	16,0	50	34	134,0	10	5200	2400	-	9,07 €
PGM120-M6	120	25	M6	16,0	50	34	134,0	9	5200	2400	✓	9,57 €
PGM120-M8	120	25	M8	16,0	50	34	134,0	14	5200	2400	✓	9,82 €
PGM132-M5	132	25	M5	16,0	50	34	148,0	10	3700	2600	✓	9,32 €
PGM132-M6	132	25	M6	16,0	50	34	148,0	9	3700	2600	✓	10,07 €
PGM132-M8	132	25	M8	16,0	50	34	148,0	14	3700	2600	-	10,35 €
PGM150-M6	150	29	M6	18,0	58	40	168,0	15	5900	1900	-	11,03 €
PGM150-M8	150	29	M8	18,0	58	40	168,0	14	5900	1900	-	11,15 €
PGM150-M10	150	29	M10	18,0	58	40	168,0	14	5900	1900	-	11,89 €
PGM179-M8	179	29	M8	18,0	58	40	197,0	14	3800	3200	✓	12,84 €
PGM179-M10	179	29	M10	18,0	58	40	197,0	14	3800	3200	-	13,19 €

\* Depending on availability - Dimensions in mm

# Push/pull handle



## PGM

## Aluminium or brass

- Gripping handle for both pushing and pulling

- Rear mounting

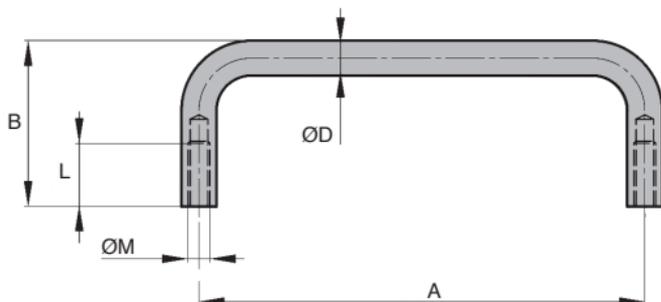
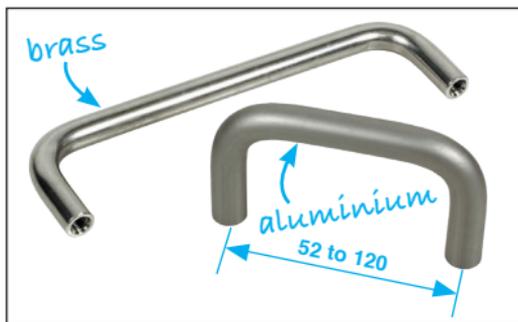
- Materials:

Aluminium, natural finish

Aluminium, polished

Chromed brass

Nickel plated brass



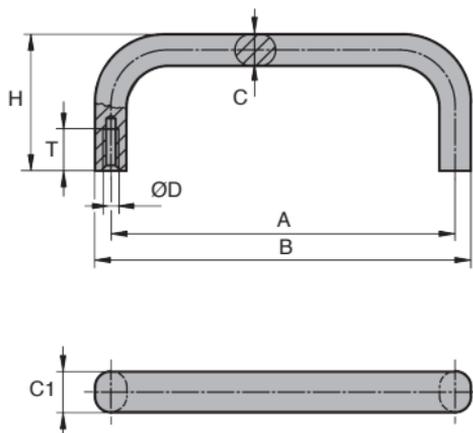
### DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-15%	On request	

Part number	Material	Finish	A	B	ØD	L	ØM	Weight (g)	Stock*	Price each
									1 to 5	
PGM52-M4/ALA	aluminium anodized, natural		52	34	8	10	M4	14	✓	9,99 €
PGM80-M4/ALA	aluminium anodized, natural		80	34	8	12	M4	17	-	8,41 €
PGM100-M4/ALP	aluminium	polished	100	30	7	8	M4	14	✓	6,01 €
PGM100-M4/ALA	aluminium anodized, natural		100	34	8	12	M4	20	✓	8,89 €
PGM100-M4/BRC	brass	chromed	100	30	7	8	M4	44	✓	8,79 €
PGM100-M4/BRN	brass	nickel plated	100	30	7	8	M4	44	-	10,33 €
PGM120-M4/ALA	aluminium anodized, natural		120	34	8	10	M4	23	✓	9,45 €

\*Depending on availability - Dimensions in mm

- Gripping handle for both pushing and pulling
- Rear mounting
- Material:  
Stainless steel 304, satin polished



## DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-15%	On request	

Part number	A	B	C	C1	ØD	H	T	Load (N)	Stock*	Price each 1 to 5
PGM100-M5/SS	100	108	8	12	M5	39	10	1000	✓	18,92 €
PGM120-M5/SS	120	128	8	12	M5	39	10	1000	✓	19,50 €
PGM150-M5/SS	150	160	10	15	M5	39	10	1000	✓	21,09 €
PGM180-M5/SS	180	190	10	15	M5	39	10	1000	✓	22,79 €

\*Depending on availability - Dimensions in mm

# Push/pull handle



## PCA

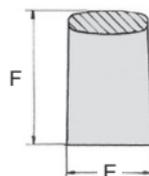
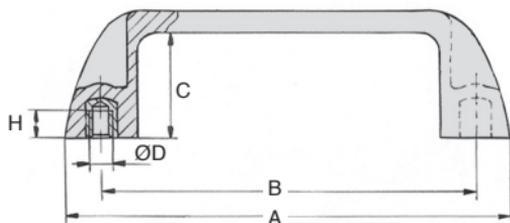
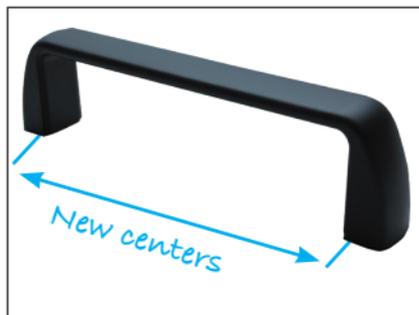
## Thermoplastic

### 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)	Stock*	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 €

\*Depending on availability - Dimensions in mm

# Push/pull handle **antistatic**

Prevents occurrence of electrostatic spark **PAS**

## Eliminates electrical charges

- Materials :

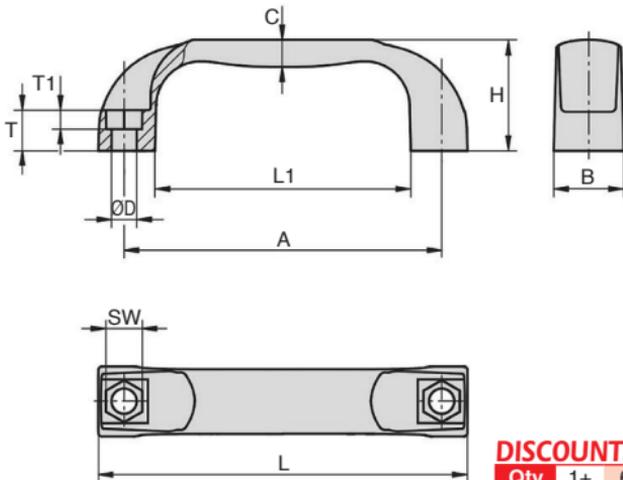
Reinforced PA thermoplastic, graphite black (RAL9011)

## Mounting

- Front or rear mounting

## Advantages

- These products can be used for electrostatic discharge applications applications or areas where electrostatic discharge protection (EPA) in accordance with DIN EN61340-5-1
- The fastening hole is designed to accept the head of a cap or hexagon head screw or a hexagon nut



## DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-15%	On request

Part number	A	B	C	ØD	H	L	L1	SW	T	T1	Load (N)	Price each
												1 to 5
PAS117-9	117	26	10	9	41	136	94	13	15	8	1500	11,82 €
PAS150-9	150	27	11	9	44	172	132	13	16	8	1500	16,37 €

Dimensions in mm

# Recessed handle, clip-in

Stock

## PENC

## Thermoplastic

- Handle for carrying or push/pull operations, mounting by clipping into a panel

Material:

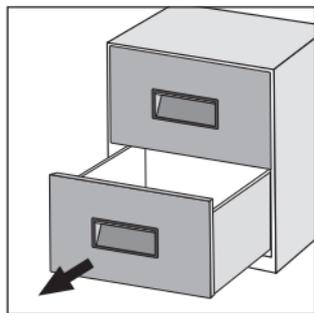
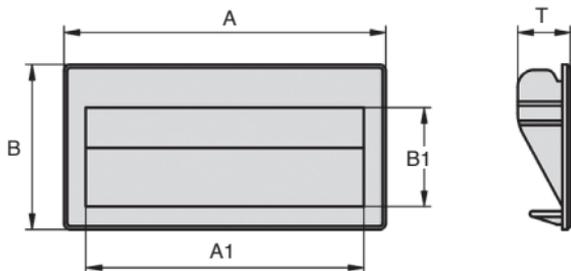
Black thermoplastic (ABS)

### Info.

- Gripping force is 750N per pair in steel and sheet metal housings

### Applications

- Ideal for use on metal enclosures or drawers  
- The PENC56-110 and PENC79-187 handles are supplied with fixing clips.



Typical application

### DISCOUNTS

Qty	1+	6+	20+	50+	100+	250+
Disc.	List	-5%	-10%	-15%	-20%	On request

Part number	A	A1	B	B1	T	Mounting hole	For wall thickness (mm)	Load (N)	Stock*	Price each 1 to 5
PENC40-90	90	79	40,0	30,0	16	83X34	0,75 to 1,5	375	✓	5,82 €
PENC56-110	110	95	56,3	33,8	18	103X49	0,75 to 1,5	375	✓	6,60 €
PENC79-187	187	164	79,0	54,0	22	171X73	1,5 to 2	375	✓	8,57 €

\*Depending on availability - Dimensions in mm

Improved grip

- Handle for carrying or push/pull operations, mounts by clipping into a panel.

- Material:

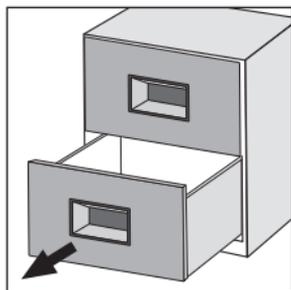
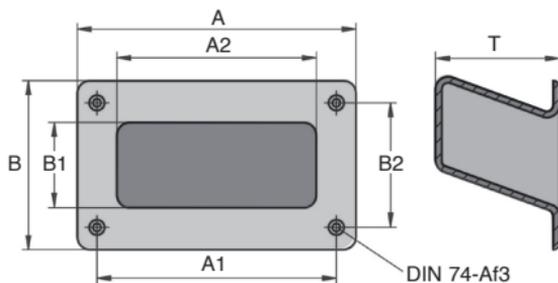
Black thermoplastic (ABS)

### Info.

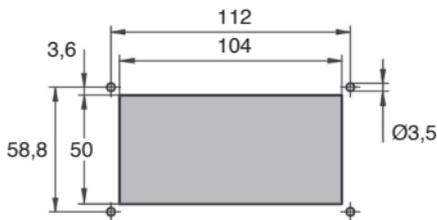
- Maximum load: 500N per pair

### Applications

- Ideal for use on metal enclosures or drawers



Typical application



Mounting holes

### DISCOUNTS

Qty	1+	6+	20+	50+	100+	250+
Disc.	List	-5%	-10%	-15%	-20%	On request

Part number	A	A1	A2	B	B1	B2	T	Load (N)	Stock*	Price each 1 to 5
PENV79-131	131	112	94	79,0	40,0	58,8	58	250	✓	7,60 €

\*Depending on availability - Dimensions in mm