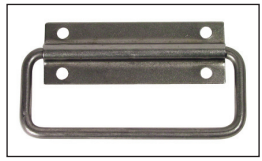
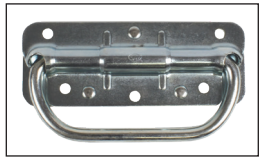
Handle PX399-BR:
- *The plate and ring of the handle are not solidly attached*
- *Plate: 1mm thick formed steel*
- *Ring: formed wire Ø4.9mm*

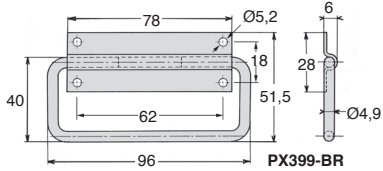


Handle PX399-BR

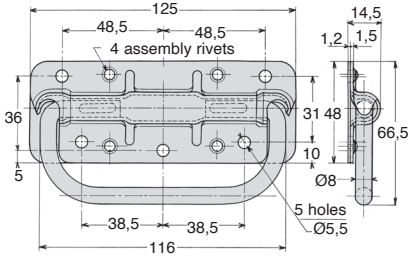
Handle PO301-ZB:
- *Reduced height saves space*
- *Ring is secured to plate*
- *Pressed plate, 1.5mm*
- *5 fixing holes Ø5.5mm*
- *Ring: steel wire 8mm*
- *Plate secured using 4 x light alloy rivets Ø3mm*



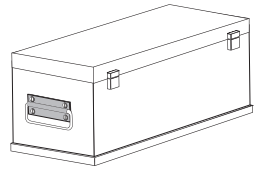
Handle PO301-ZB



PX399-BR



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
Ordinary carry handle						
PX399-BR	Unfinished	With holes	10	0,049	✔	1,73 €
Riveted carrying handle						
PO301-ZB	White zinc	With holes	60	0,023	✔	9,58 €

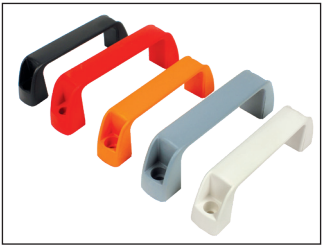
**Subject to availability - Dimensions in mm*

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



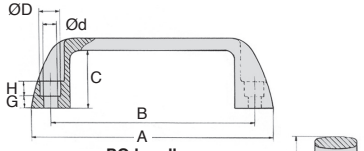
Orange: furniture, kitchens
Add: **/O**
to end of part number



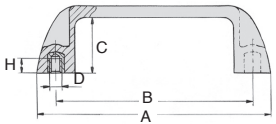
Grey: food industry
Add: **/G**
to end of part number



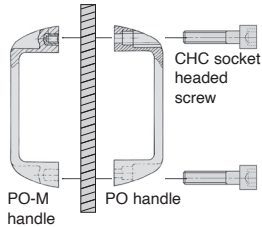
White: medical
Add: **/W**
to end of part number



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

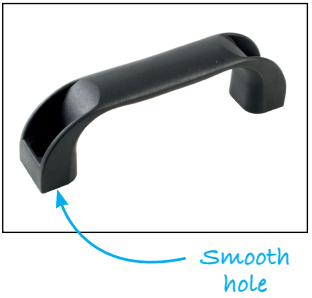
Part number	B	A	E	F	C	G	H	ØD	Ød	Stock*	Price each 1 to 5
With smooth hole											
PO93-6	93,5	112	21	36	30	6	7	10,5	6,5	✔	4,16 €
PO117-6	117	139	26	41	34	6	9	10,5	6,5	✔	4,53 €
PO117-8	117	139	26	41	34	6	9	13,0	8,5	✔	4,53 €
PO132-6	132	156	27	45	37	9	7	10,5	6,5	✔	6,18 €
PO132-8	132	156	27	45	37	7	9	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*

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 renforced, black finish



Applications

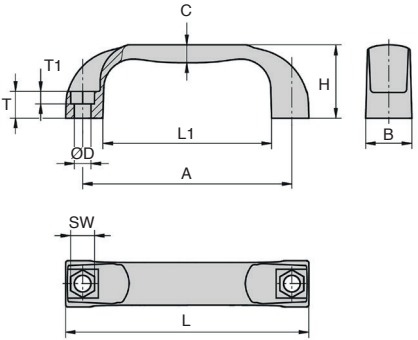
-Ovens
- *Machines generating heat*

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 PHTss

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





Applications

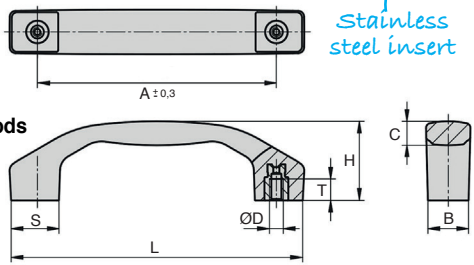
- *This handle is larger than most and has an ergonomic design.*
- *Easy to clean thanks to a closed and smooth design.*
- *For use in the food or medical industries.*

Mounting

- *Rear mounting*

150°C Continuously

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

Stock € Eco

PGMT

Steel or stainless steel

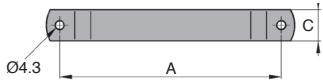
- **Push/pull handle**
- Front fixing
- Materials:
  Galvanised steel
  Stainless steel, 304

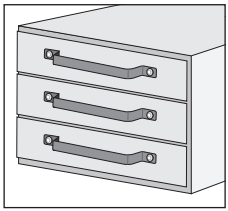
Info.

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









Typical application

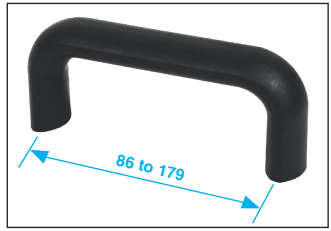
DISCOUNTS

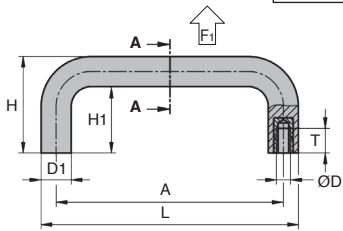
Qty	1+	6+	20+	50+
Disc.	List	-5%	-15%	On request

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 €

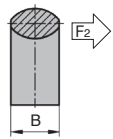
*Depending on availability - Dimensions in mm

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





Section A-A



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 €

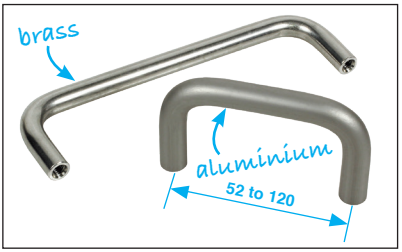
**Depending on availability - Dimensions in mm*

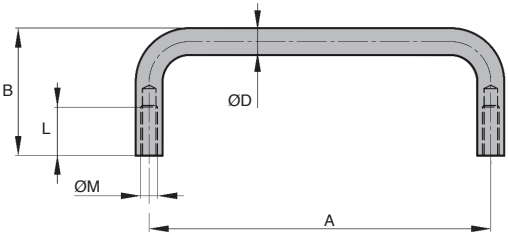
Push/pull handle

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 €

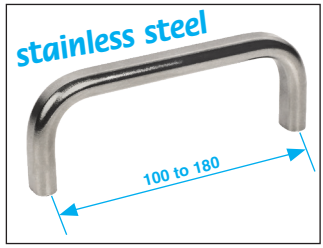
**Depending on availability - Dimensions in mm*

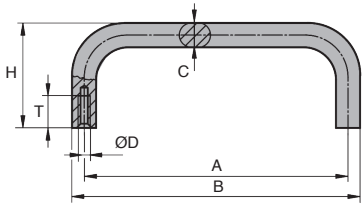
Stainless steel push/pull handle

Stainless steel

PGMSS

- ***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*

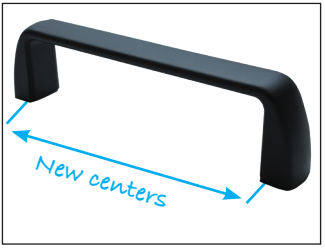
Push/pull handle

PCA

Thermoplastic

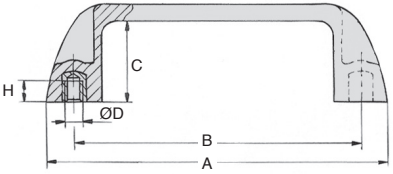
Gripping handle for both pushing and pulling

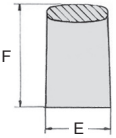
- *Rear mounting*
- *Working T° -30°C to +130°C*
- *Materials:*
  Thermoplastic PA6 glass fiber reinforced
  Brass inserts with tapped blind hole



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

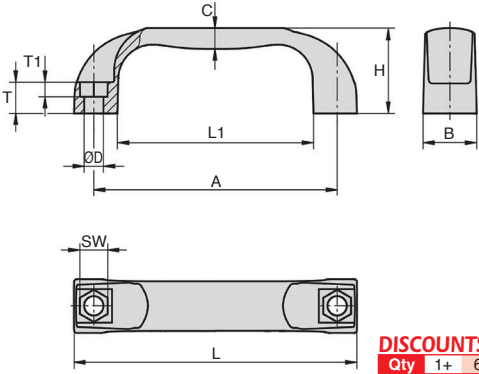
- *Front or rear mounting*

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*



Antistatic



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

PENC

Thermoplastic

- ***Handle for carrying or push/pull operations, mounting by clipping into a panel***
  Material:
  Black thermoplastic (ABS)

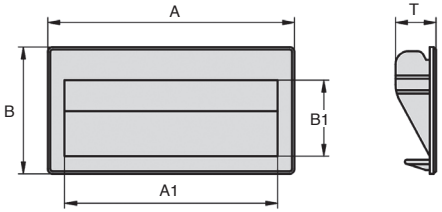


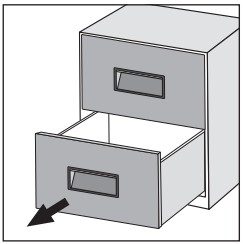
Info.

- *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*

Recessed handle, screw fixing

Thermoplastic PENV

Improved grip



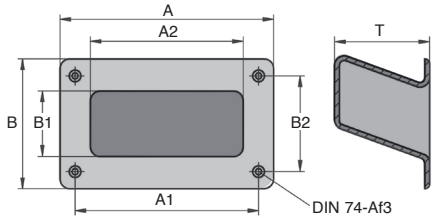
- ***Handle for carrying or push/pull operations, mounts by clipping into a panel.***
- *Material:*
  Black thermoplastic (ABS)

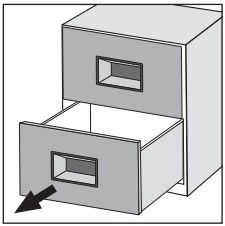
Info.

- *Maximum load: 500N per pair*

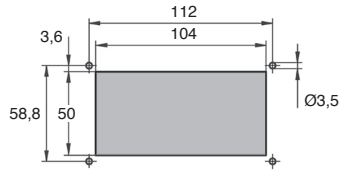
Applications

- *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*