

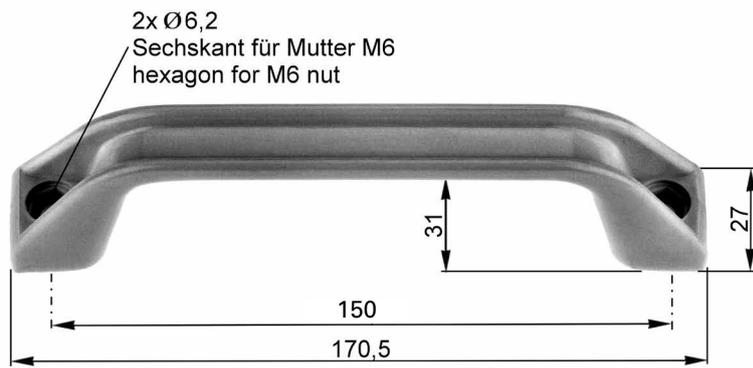
Griffe Handles

HAPPICH GmbH

Lise-Meitner-Straße 14
42119 Wuppertal
Deutschland

Telefon +49 (0)202.87 03 – 0
Fax +49 (0)202.87 03 – 599
E-Mail info@happich.de

www.happich.de



581 0063

Griff

mit 2 Abdeckkappen für Schraublöcher
Material: PP, schwarz
44 g/St.

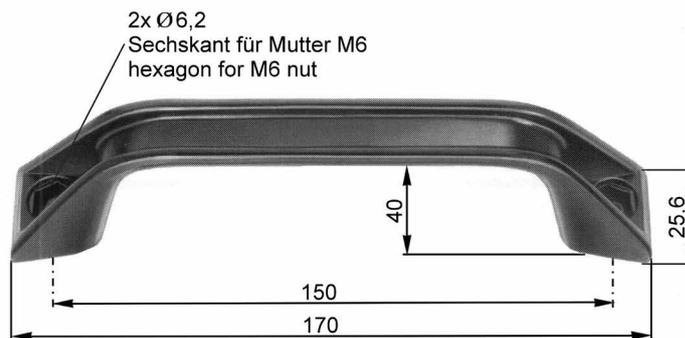
VE 100 St.

581 0063

Handle

with 2 cover caps für screw holes
Material: PP, black
44 g/each

S.U. 100



581 0074 (auf Anfrage)

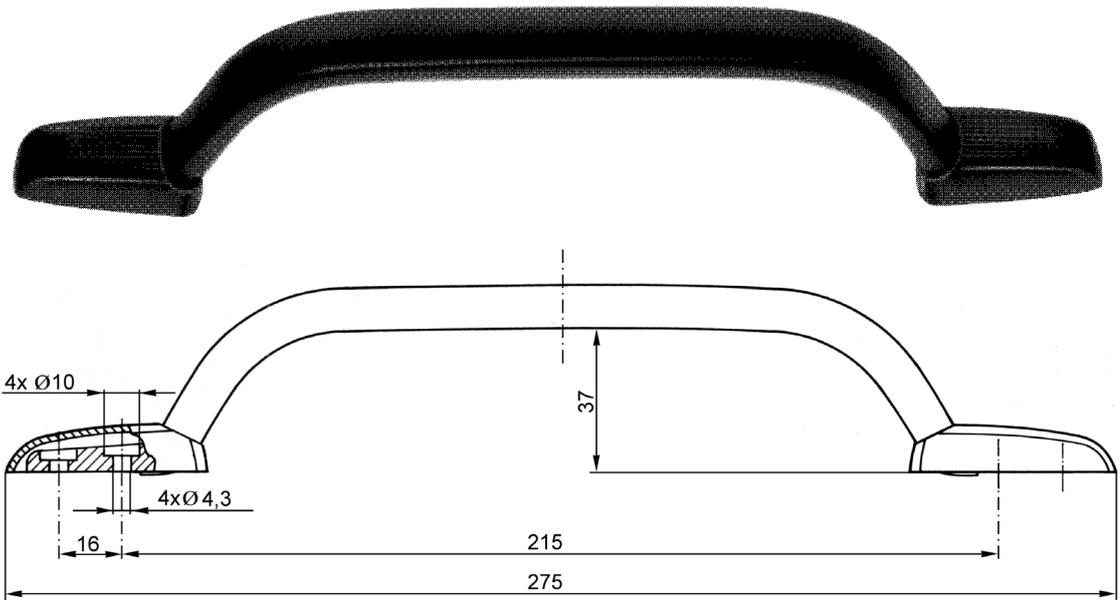
Griff

mit 2 Abdeckkappen für Schraublöcher
Material: PA, schwarz
35 g/St.

581 0074 (on request)

Handle

with 2 cover caps for screw holes
Material: PA, black
35 g/each



582 0104

Griff

elastisch
 Griff: PVC-Profil, schwarz, mit Polypropylen-Einlage
 Halter: PP, schwarz
 47 g/St.

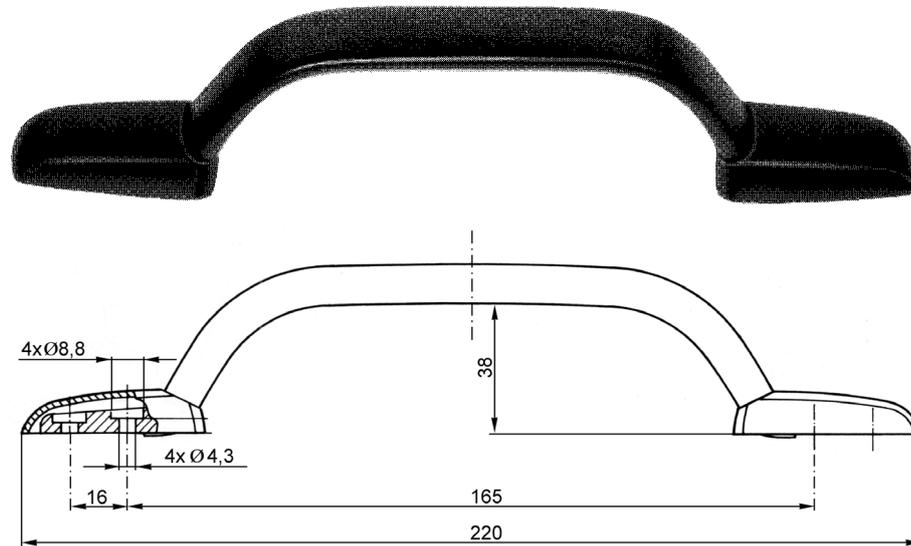
VE 200 St.

582 0104

Handle

elastic
 Grip: PVC section, black, with polypropylene insert
 Brackets: PP, black
 47 g/each

S.U. 200



582 0106

Griff

elastisch
 Griff: PVC-Profil, schwarz, mit PP-Einlage
 Halter: PP, schwarz
 42 g/St.

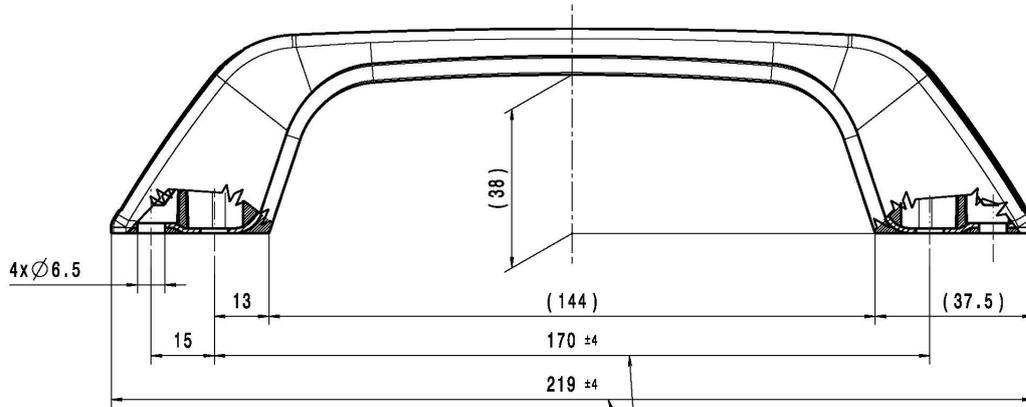
VE 200 St.

582 0106

Handle

elastic
 Grip: PVC section, black, with PP insert
 Brackets: PP, black
 42 g/each

S.U. 200



Auf- bzw. Einfederung von ± 4 im Anlieferungszustand zulässig!
spring suspensions of ± 4 a delivery condition acceptable!

582 0105

Griff

elastisch
 Griff: PVC-Profil, schwarz, mit Federstahleinlage
 Abdeckkappe: PP, schwarz
 148 g/St.

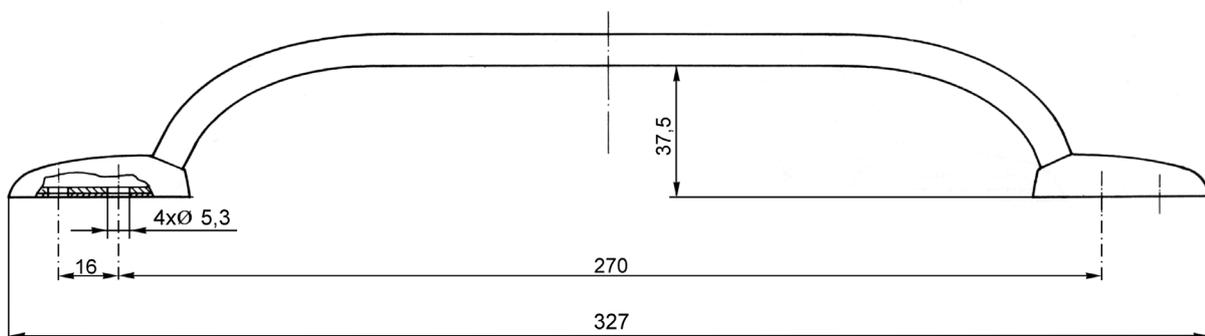
VE 10 St.

582 0105

Handle

elastisch
 Grip: PVC section, black, with spring steel insert
 Cover cap: PP, black
 148 g/each

S.U. 10



582 0111

Griff

elastisch
 Griff: PVC-Profil, schwarz, mit Federstahleinlage
 Abdeckkappe: PP, schwarz
 110 g/St.

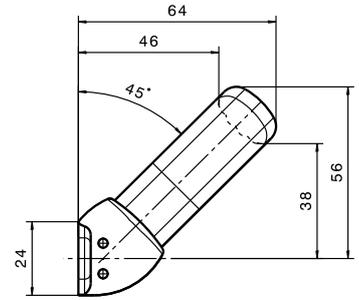
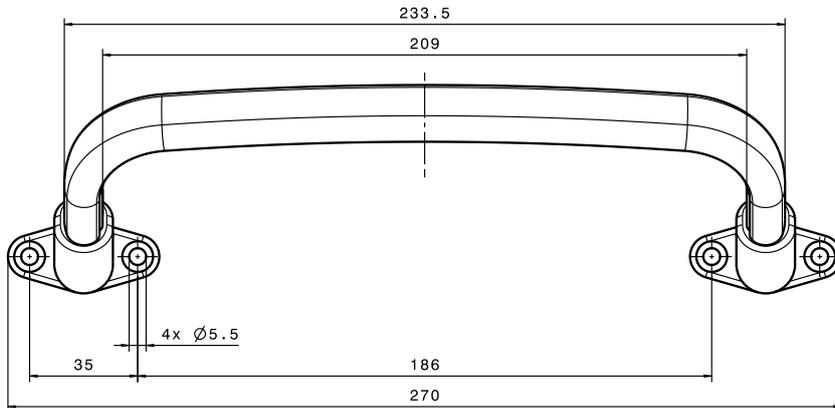
VE 10 St.

582 0111

Handle

elastisch
 Grip: PVC section, black, with spring steel insert
 Cover cap: PP, black
 110 g/each

S.U. 10



582 0131

Griff

Griff: PVC-Profil, schwarz, mit Federstahleinlage
 Halter: GD Zn, schwarz
 240 g/St.

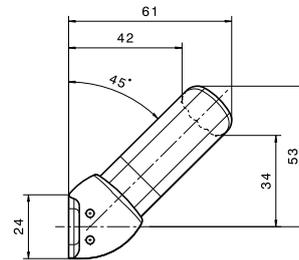
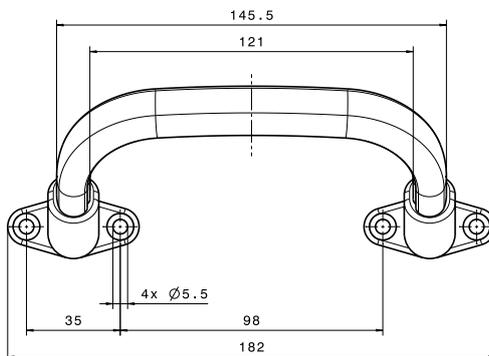
VE 1 St.

582 0131

Handle

Grip: PVC section, black, with spring steel insert
 Brackets: pressure die-cast zinc, black
 240 g/each

S.U. 1



582 0113

Griff

elastisch
 Griff: PVC-Profil, schwarz, mit Federstahleinlage
 Halter: GD Zn, schwarz
 175 g/St.

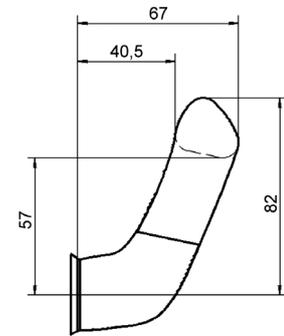
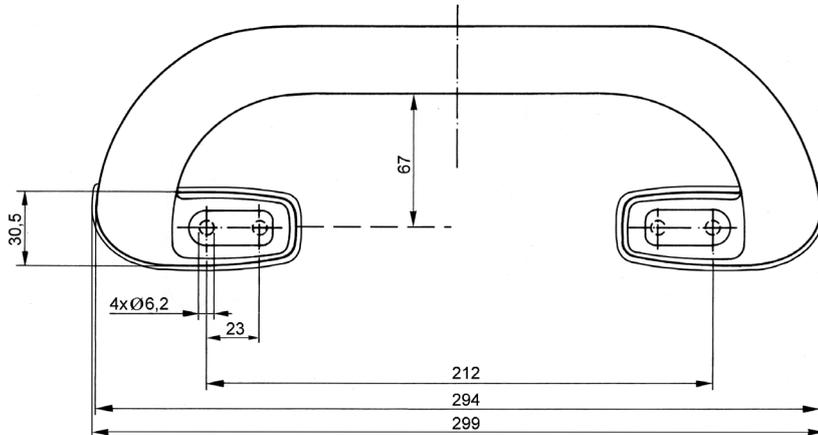
VE 30 St.

582 0113

Handle

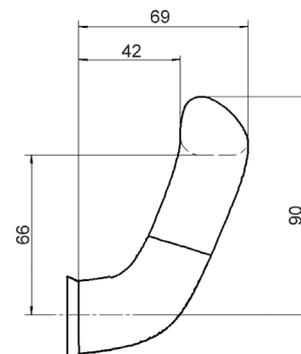
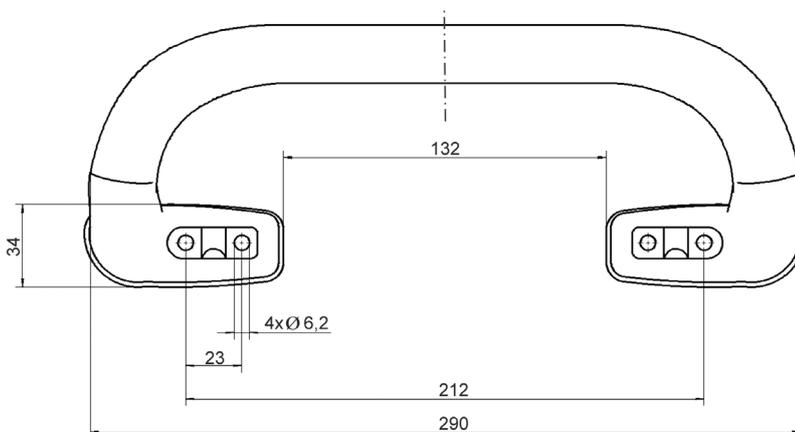
elastisch
 Grip: PVC profile, black, with spring steel insert
 Brackets: pressure die-cast zinc, black
 175 g/each

S.U. 30



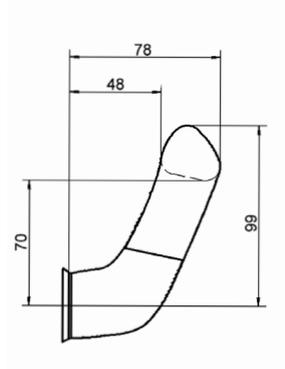
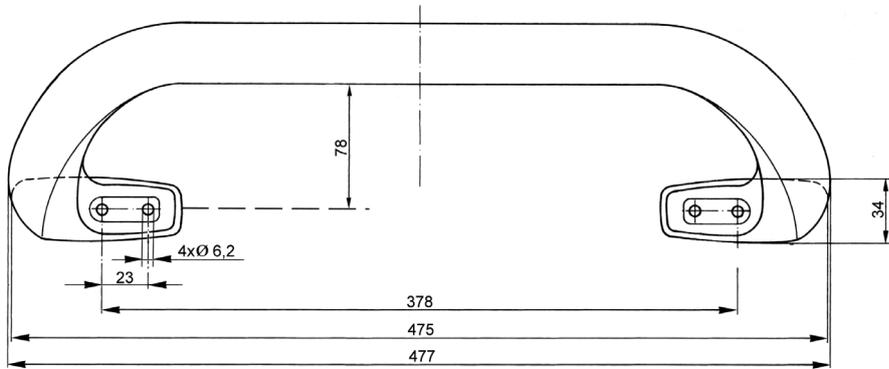
930 0005 schwarz VE 45 St.
930 0008 gelb (ähnlich RAL 1023) (auf Anfrage)
Griff
 Material: PU-Schaum, genarbt
 Standard-Stahleinlage
 einschl. Abdeckkappen, PP
 306 g/St.

930 0005 black S.U. 45
930 0008 yellow (similar RAL 1023) (on request)
Handle
 Material: PU foam, grained
 standard steel insert
 cover caps included, PP
 306 g/each



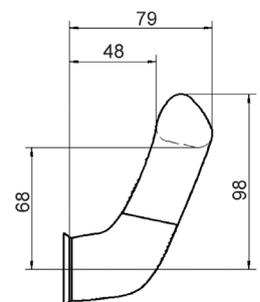
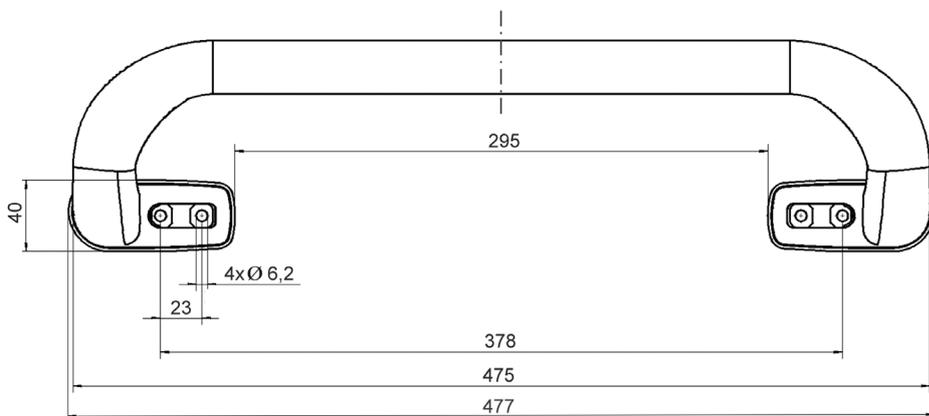
930 A013 (auf Anfrage)
Griff
 Material: PU-Schaum, schwarz, genarbt
 verstärkte Stahleinlage
 einschl. Abdeckkappen, PP
 710 g/St.

930 A013 (on request)
Handle
 Material: PU foam, black, grained
 reinforced steel insert
 cover caps included, PP
 710 g/each



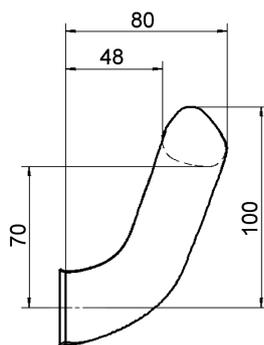
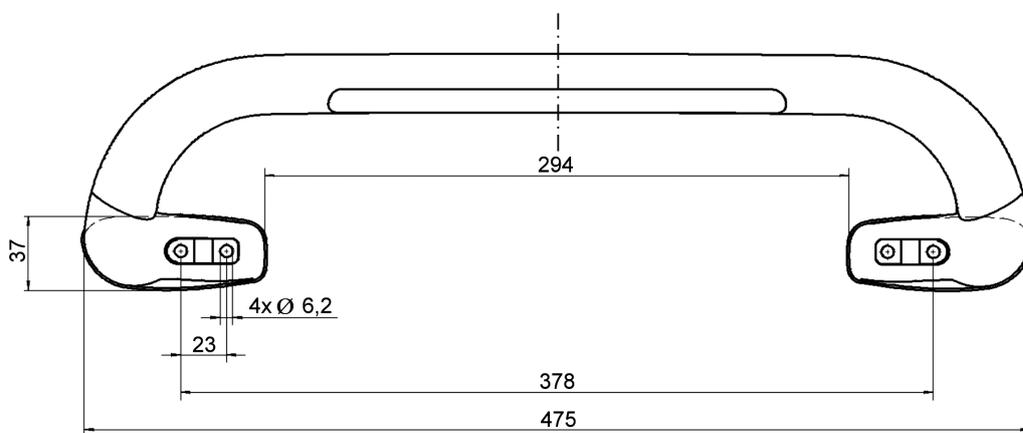
930 0006 schwarz VE 30 St.
930 0009 gelb (ähnlich RAL 1023) (auf Anfrage)
Griff
 Material: PU-Schaum, genarbt
 Standard-Stahleinlage
 einschl. Abdeckkappen, PP
 606 g/St.

930 0006 black S.U. 30
930 0009 yellow (similar RAL 1023) (on request)
Handle
 Material: PU foam, grained
 standard steel insert
 cover caps included, PP
 606 g/each



930 A014 (auf Anfrage)
Griff
 Material: PU-Schaum, schwarz, genarbt
 verstärkte Stahleinlage
 einschl. Abdeckkappen, PP
 1.330 g/St.

930 A014 (on request)
Handle
 Material: PU foam, black, grained
 reinforced steel insert
 cover caps included, PP
 1,330 g/each



930 0012 (auf Anfrage)

Griff

mit gelbem Signalstreifen (ähnlich RAL 1023)
 Material: PU-Schaum, schwarz, genarbt
 Flachstahleinlage
 inkl. Abdeckkappen, PP

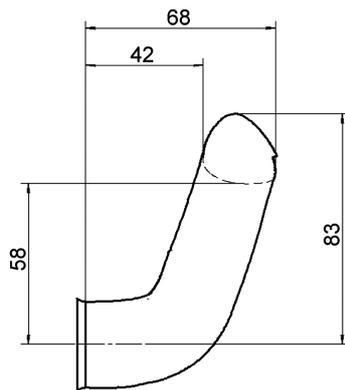
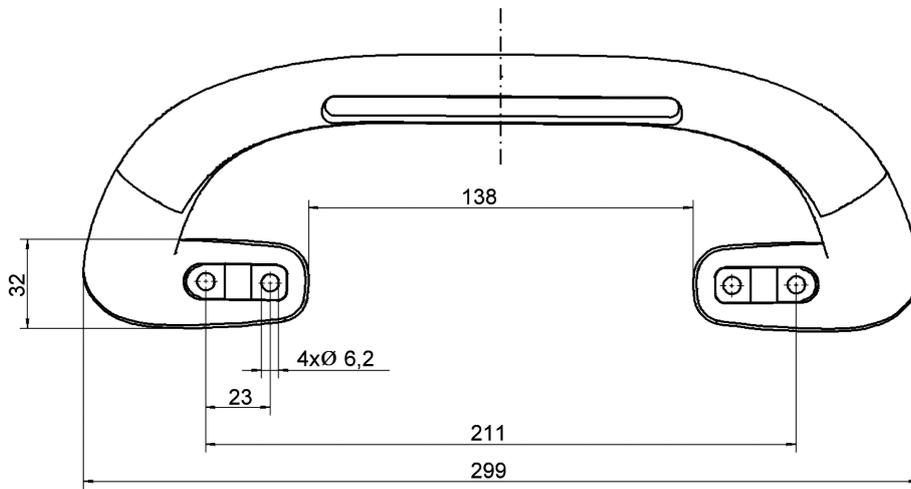
782 g/St.

930 0012 (on request)

Handle

with yellow strap (similar RAL 1023)
 Material: PU-foam, black, grained
 flat-steel-insert
 cover caps included, PP

782 g/each



930 0011 (auf Anfrage)

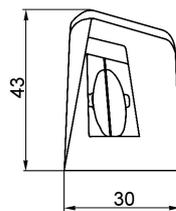
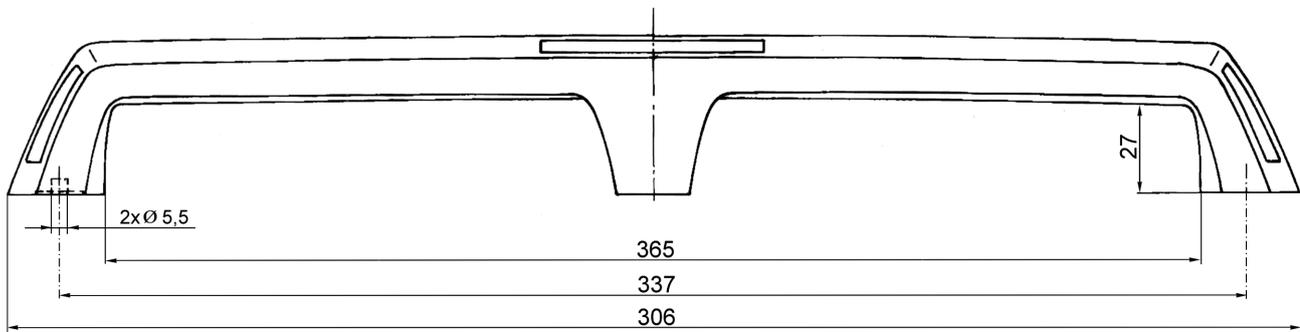
Griff

mit gelbem Signalstreifen (ähnlich RAL 1023)
 Material: PU-Schaum, schwarz, genarbt
 Flachstahleinlage
 inkl. Abdeckkappen, PP
 400 g/St.

930 0011 (on request)

Handle

with yellow strap (similar RAL 1023)
 Material: PU-foam, black, grained
 flat-steel-insert
 cover caps included, PP
 400 g/each



581 0065 (auf Anfrage)

Griff

inkl. Abdeckkappen
Material: PPE, schwarz
128 g/St.

581 0065 (on request)

Handle

with cover caps
Material: PPE, black
128 g/each

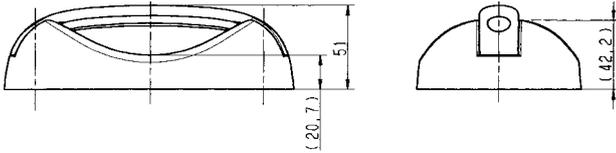
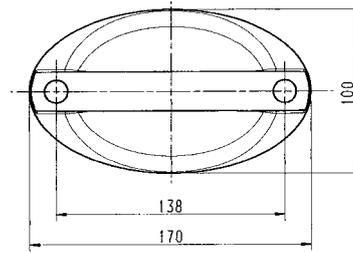


Abb./Illus. 1

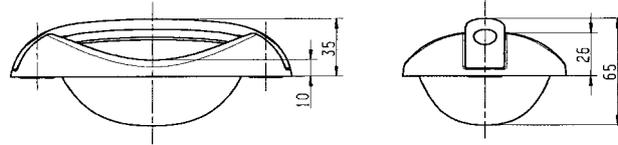


Abb./Illus. 2

581 0083 zum Aufschrauben (Abb. 1)
581 0085 zum Einlassen (Abb. 2)

581 0083 screw on mounting (Illus. 1)
581 0085 flush mounted fitting (Illus. 2)

Griff

Griff und Griffschale: PP, schwarz
 158 g/St. VE 50 St.

Ersatzbedarf:
 Abdeckkappen: **581 0087**, schwarz VE 100 St.

Handle

Flushfitting handle: PP, black
 158 g/each S.U. 50

Spares:
 Cover caps: **581 0087**, black S.U. 100



Griffe Handles

HAPPICH-RIU S.A.

Avda. Maresme, 44 3^o-1^a
08918 Badalona
Spain

Phone +34 933 037 600
Fax +34 933 037 610
E- Mail acriu@acriu.com

www.happich-riu.com



ASAS

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HANDLES



1570 31
ASA INTERIOR 300 mm
INTERNAL 300 mm HANDLE

Poliuretano gris con alma
de acero
Grey polyurethane with
internal steel core

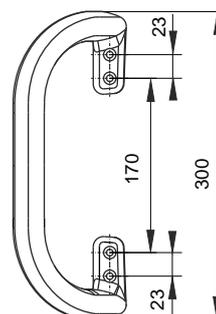
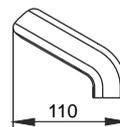
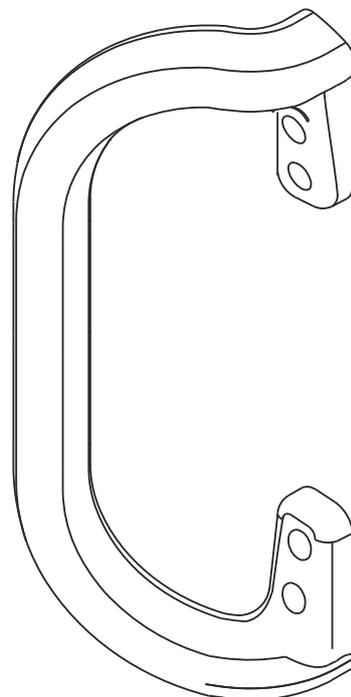
Peso / Weigth 310 g

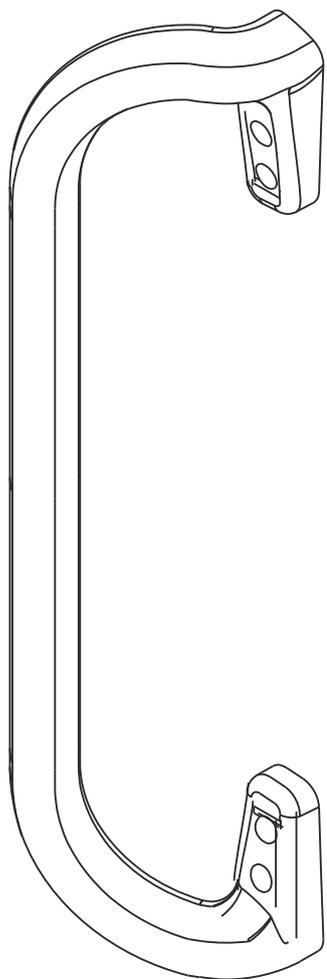
1570 56
RECAMBIO DE TAPONES
PARA TORNILLO
SPARE PART
COVER SCREW HOLE

Unidad venta / sale unit
bolsa / bag = 100 u

Color gris
Grey colour

Peso / Weight 48 g





1570 49

ASA INTERIOR 480 mm
INTERNAL 480 mm. HANDLE

Poliuretano gris con alma
de acero

Grey polyurethane with
internal steel core

Peso / Weight 580 g

1570 56

RECAMBIO DE TAPONES
PARA TORNILLO
SPARE COVER SCREW
HOLE

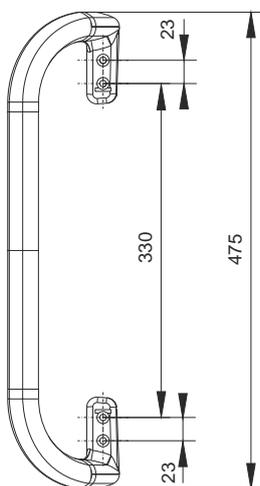
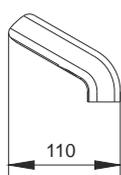
Color gris / grey colour

Unidad venta / sale unit
Bolsa / bag = 100 unids

Peso / Weight 48 g



HOMOLOGADO DIRECTIVA 95/28/CE
HOMOLOGATED UNDER 95/28/CE





1555 02
ASA CON ALMA METALICA
HANDLE WITH METAL CORE

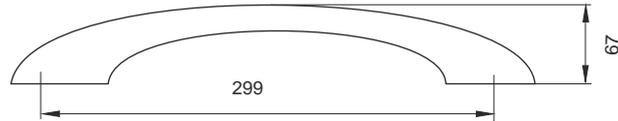
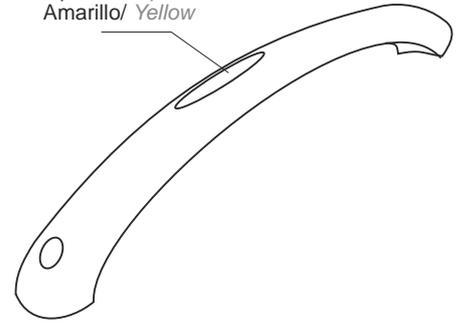
Plástico gris
Grey plastic

Peso / Weigth 480 g

1556 50
ADHESIVO AMARILLO
YELLOW STICKER

Peso / Weigth 17 g

Opcional/Option
Amarillo/ Yellow



1555 52
ASA SIN ALMA METALICA
HANDLE WITHOUT METAL CORE

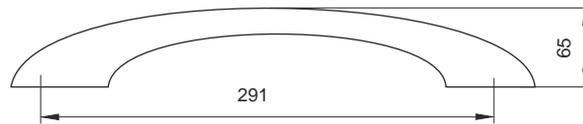
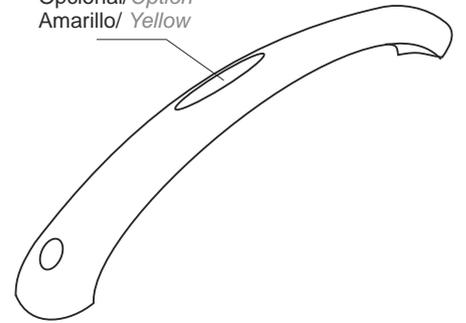
Poliamida gris
Grey polyamide

Peso / Weight 160 g

1556 50
ADHESIVO AMARILLO
YELLOW STICKER

Peso / Weigth 17 g

Opcional/Option
Amarillo/ Yellow



1556 02
ASA CON ALMA METALICA
HANDLE WITH METAL CORE

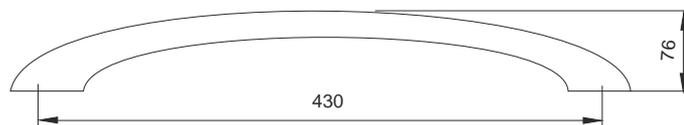
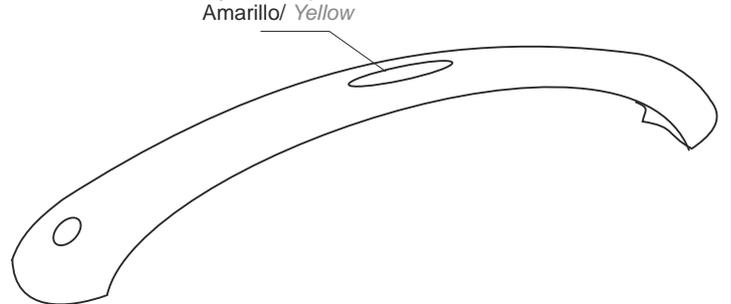
Plástico gris
Grey plastic

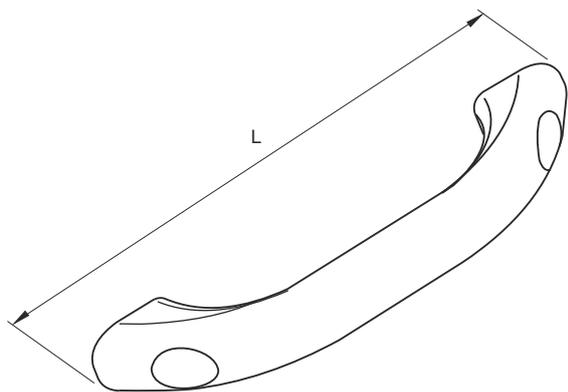
Peso / Weight 564 g

1556 50
ADHESIVO AMARILLO
YELLOW STICKER

Peso / Weigth 17 g

Opcional/Option
Amarillo/ Yellow





1573 10
ASA DOS TALADROS L = 220 mm
TWO HOLES HANDLE L = 220 mm

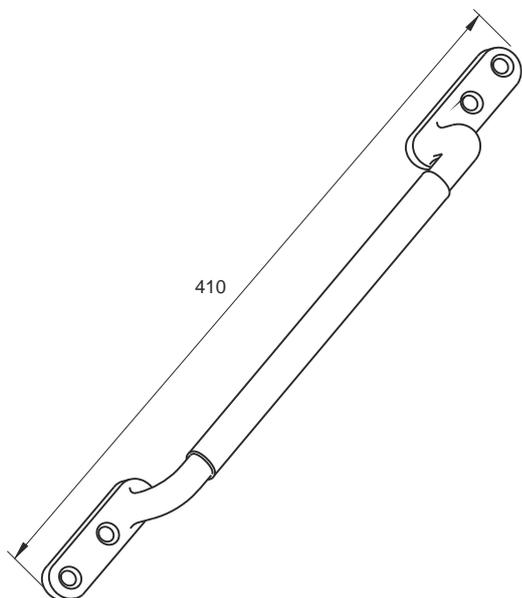
Plástico gris
Gray plastic colour

Peso / Weight 96 g

1573 20
ASA DOS TALADROS L = 245 mm
TWO HOLES HANDLE L = 245 mm

Plástico gris
Gray plastic colour

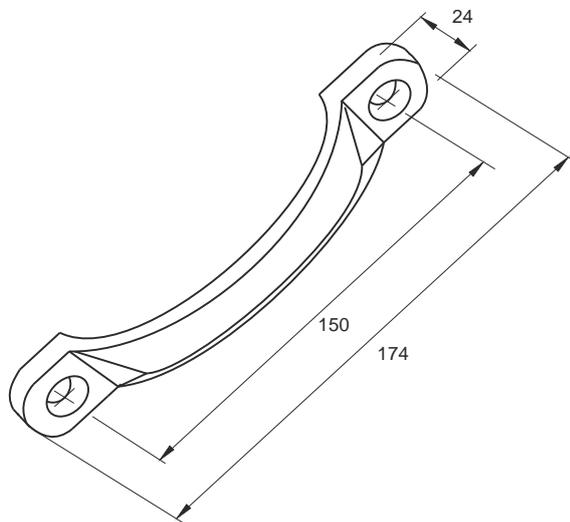
Peso / Weight 110 g



1551 00
ASA MODELO TAXI
TAXI HANDLE

Soporte zamak cromado,
tubo acero cromado
Chromed zamak support,
chromed steel pipe

Peso / Weight 360 g



1569 00
ASA MODELO CAMION EBRO
EBRO TRUCK HANDLE

Zamak cromado
Chromed zamak

Peso / Weight 150 g



ASA PARA RESPALDO DE BUTACA
BACK SEAT HANDLE

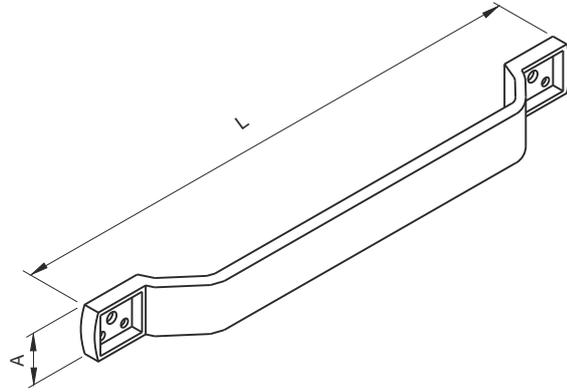
1574 00
L = 155 mm A = 34 mm

Peso / Weight 40 g

1575 00
L = 314 mm A = 34 mm

Plástico negro
Black plastic colour

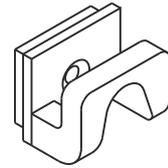
Peso / Weight 80 g



1574 05
PERCHA ADAPTABLE
ASAS 1574 00 Y 1575 00
HOOK FOR
1574 00 & 1575 00 HANDLES

Plástico negro
Black plastic colour

Peso / Weight 5 g

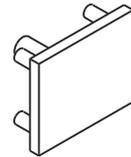


1574 05

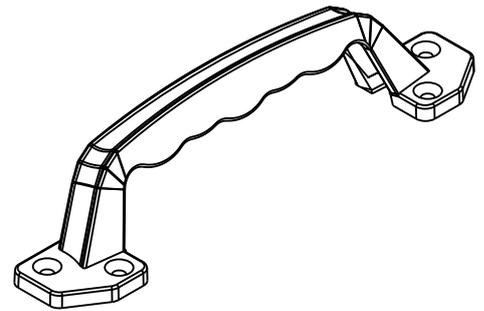
1574 08
TAPA ADAPTABLE
ASAS 1574 00 Y 1575 00
SPARE COVER FOR
1574 00 & 1575 00
HANDLES

Plástico negro
Black plastic colour

Peso / Weight 3 g



1574 08



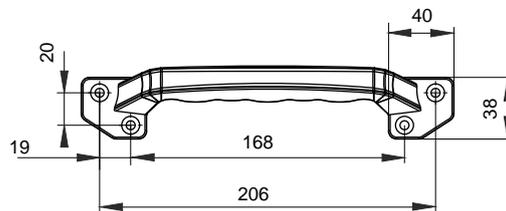
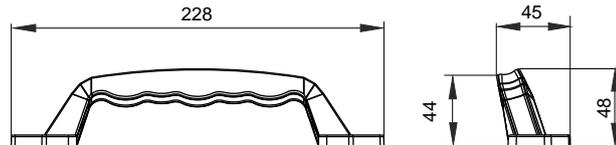
1565 00
ASA CARAVANA L= 226 mm
CARAVAN HANDLE L= 226 mm

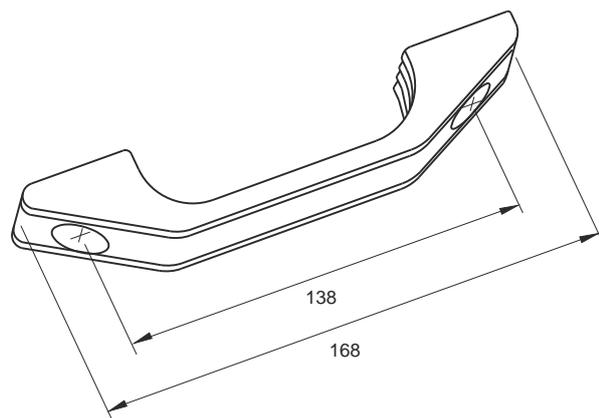
Plástico negro
Black plastic colour

1565 50
ASA CARAVANA L= 228 mm
CARAVAN HANDLE L= 228 mm

Plástico gris plata
Silver grey plastic colour

Peso / Weight 66 g





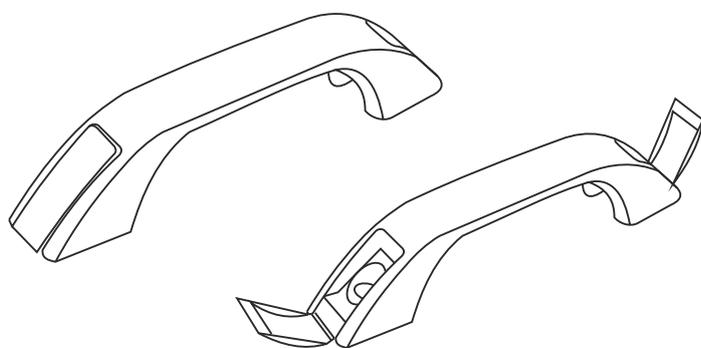
1557 00
ASA DOS TALADROS
TWO HOLES HANDLE

Plástico negro
Black plastic colour

1557 05
ASA DOS TALADROS
TWO HOLES HANDLE

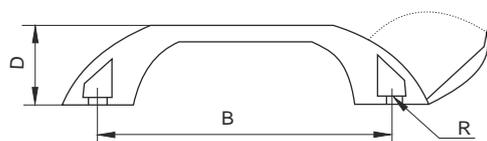
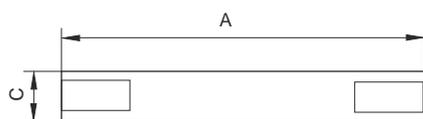
Plástico gris
Gray plastic colour

Peso / Weight 30 g

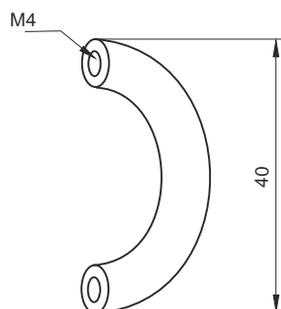


ASA CON TAPA PARA TORNILLOS
HANDLE WITH SCREW COVERS

Plástico negro
Black plastic colour



Cod.	Medidas mm Sizes mm					Peso Weight g.
	A	B	C	D	R	
1558 00	173	140	30	38	5	30
1558 20	203	170	30	38	5	52



1577 40
ASA FEROCROM 8 x 40
FEROCROM 8 x 40 HANDLE

Zamak niquelado cepillado
Brushed nikeled zamak

Peso / Weight 16 g

Griffe Handles

Weston Body Hardware Ltd.

Crossgate Road
Park Farm Redditch B98 7SN
United Kingdom

Phone +44(0)1527 5160600

Fax +44(0)1527 5260600

E-Mail lockmaster@westonbodyhardware.com

www.westonbodyhardware.com



9/01725
Grab rail

'FOAMED' STEEL-CORED GRAB RAIL 300mm

Moulded in expanded polyurethane foam, this handle has a soft, resilient surface and no sharp edges, while the steel core provides strength and rigidity. This modern design replaces traditional steel stanchion rails, and ensures safety and comfort when used as a grab, or entry-assist rail.

! Soft, padded surface. No sharp edges, for maximum safety. Triangular section for good grip. Mounting holes concealed by 'snap-in' plugs.

🔧 Attractive, textured finish. Standard colours are black, red and yellow. Other colours can be moulded subject to batch-quantity requirements.

🔩 Fixing by bolting through four holes in steel core. Handle cannot be 'flexed'.

M Moulded in expanded polyurethane foam around solid, 10mm steel rod. Meets EC 95/28/CE regulations for combustibility (less than 100mm per minute)

A This handle is a direct alternative to Happich 930 0000

T **LOAD TESTING:** Tests carried out by an independent proof house gave following results: **Parallel to fixing**, load 3.70 Kilo-Newtons (377Kg) before distortion. **Vertical to fixing**, load 3.56 Kilo-Newtons (363Kg) before distortion. With ultimate strength over 1 tonne we recommend a safe working load of 250Kg (550lbs) max.

ORDERING CODE

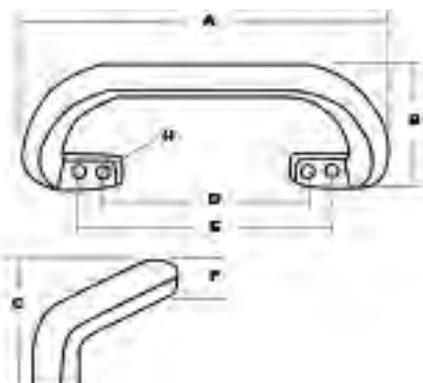
9/01725	300mm grab rail-black
9/01725/01	300mm grab rail-red to RAL3020
9/01725/02	300mm grab rail, blue/grey
9/01725/03	300mm grab rail, yellow, RAL 1021

SPECIFICATION

A	Body Length	300 mm
B	Body Width	102 mm
C	Body Height	75 mm
D	Hole centres	165 mm
E	Hole centres	213 mm
F	Cross section	25 mm
H	Hole sizes (core)	7 mm
		10 mm steel reinforcement core

Plug diameter 15 mm accepting bolts to 12 mm head diameter x 7 mm shank.
Plug ref. 5/00538 (specify colour)

NOTE: Rigid steel core means that handle cannot be 'flexed' to accommodate deviations in fixing holes





9/01226
Grab Rail

**'FOAMED'
STEEL-CORED
GRAB RAIL
475mm**

This model meets the requirement for an entry-assist rail with extended length of grip for use with entry steps on buses and coaches, or for high cabs and trucks. It is made in solid 10mm steel rod to achieve maximum strength without 'flexing'.

ORDERING CODE

- 9/01226 475mm grab rail, black
- 9/01226/01 475mm grab rail, red, RAL 3020
- 9/01226/03 475mm grab rail, yellow, RAL 1021

SPECIFICATION

A Body Length	475 mm
B Body Width	90 mm
C Body Height	75 mm
D Hole centres	327 mm
E Hole centres	375 mm
F Cross section	33 mm
H Hole sizes (core)	7 mm
	10 mm steel rod reinforcement core

Plug diameter 15 mm accepting bolts to 12 mm head diameter x 7 mm shank.
Plug ref. 5/00538 (specify colour)

NOTE: Rigid steel core means that handle cannot be 'flexed' to accommodate deviations in fixing holes.

! Soft, padded surface.
No sharp edges, for maximum safety.
Triangular section for good grip.
Mounting holes concealed by 'snap-in' plugs.

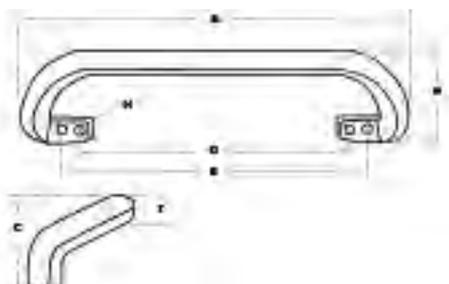
🔧 Attractive, textured finish.
Standard colours are black red and yellow. Other colours on request.

🔩 Fixing by bolting through holes in steel core. Handle cannot be 'flexed'.

M Moulded in expanded polyurethane foam around solid, 10mm steel rod.
Meets EC 95/28/CE regulation for combustibility (less than 100mm per minute).

A This handle is a direct alternative to Happich 930 0001

T **LOAD TESTING:**
Tests carried out by an independent proof house gave following results:
Parallel to fixing, load 3.47 Kilo-Newtons (353Kg) before distortion.
Vertical to fixing, load 3.45 Kilo-Newtons (352Kg) before distortion.
With Ultimate strength over 1 tonne we recommend a safe working load of 250Kg (550lbs) max.





9/01228
Hand-hold in 'forward' mode, suitable for gantries, platforms, high-access doors, as a grab for standing passengers, machine covers and roller-shutters.

**'FOAMED'
STEEL-CORED
'HAND-HOLD'
150mm**

This unique design complements our range of larger "foamed" grab rails, but is suited to more restricted spaces. It makes an ideal alternative to traditional "6-inch" pulls, with textured, resilient surface, great strength, and a shape that lends itself to fixing in several modes as illustrated.

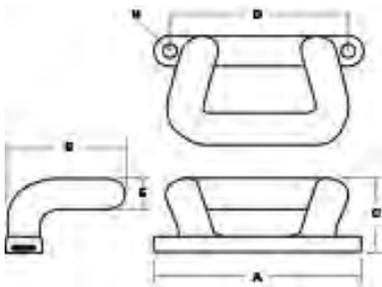
ORDERING CODE

9/01228 Hand-hold, black
9/01228/01 Hand-hold, red RAL3020

SPECIFICATION

A Body Length	175 mm
B Body Width	100 mm
C Body Height	66 mm
D Hole centres	151 mm
E Cross section	25 mm
H Hole sizes (core)	7 mm

Plug diameter 15 mm accepting bolts to 12 mm head diameter x 7 mm shank.
Plug ref. 5/00538 (specify colour)



Hand-hold in reverse-mode: suitable for seat backs, trays and containers, trailers and caravans, marine applications.



- !** Resilient, padded surface. No sharp edges, for maximum safety. Triangular section for good grip. Mounting holes concealed by 'snap-in' plugs.
- 🔧** Attractive, textured finish. Standard colours are black and red, other colours can be moulded subject to batch-quantity requirements.
- 🔩** Fixing by bolting through holes in top rail (through steel core).
- M** Moulded in expanded polyurethane foam around welded steel former (core). Meets EC 95/28/CE regulation for combustibility (less than 100mm per minute).

T **LOAD TESTING:**
The handle was tested to destruction, with the following results:
Parallel to axis fixing, max load 14.84 Kilo-Newtons (1.51 tonnes)
Vertical to fixing, max load 13.77 Kilo-Newtons (1.4 tonnes)
With Ultimate strength over 1 tonne we recommend a safe working load of 500Kg (1100lbs) max.



9/01227
Armrest

UNIVERSAL ARMREST/ GRAB HANDLE

A plant-on, non-'handed' design, this armrest will enhance driver comfort and assist with door closure in almost any cab. With fixing holes normal to the base, and a soft, padded surface the armrest will suit most vehicles, from 'kit' cars to specialist commercial and off-road models.



Non-'handed' for universal fitting. Soft, padded surface for driver comfort.



Fixing holes normal (90°) to panel face, and below 'line of sight' for good visual appearance.



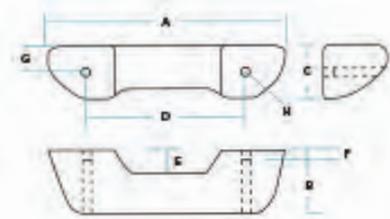
Black, textured finish.



High-density polyurethane foam around rigid steel 'former'. Meets EC 95/28/CE regulation for combustibility (less than 100 mm per minute).

ORDERING CODE

9/01227 Universal arm rest, black



SPECIFICATION

A Body Length	222 mm
B Body Width	60 mm
C Body Height	50 mm
D Hole centres	148 mm
E Grip width	24 mm
F Fixing boss	8 mm
G Location	25 mm
H Hole sizes	6.5 mm



9/01145
(single)



9/01146

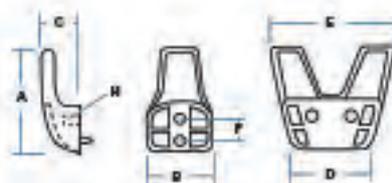
SPECIFICATION

A Body Length	51 mm
B Body Width	33 mm
C Body Height	16 mm
D Width (base)	40 mm
E Width (top)	61 mm
F Location	15 mm
H Hole size	5 mm

ORDERING CODE

9/01145 Coat-hook, single

9/01146 Coat-hook, double



MOULDED COAT-HOOKS

Attractive moulded hooks, retained through fixing hole(s) which are concealed in service by press-shut integral covers. single or double models. Moulded in polypropylene with black, textured finish.

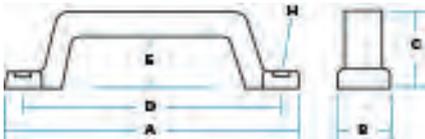


MOULDED STEEL-CORED HANDLES

Moulded in resilient elastomer around steel cores, these handles have been designed for those applications where great strength is required, but still offering good appearance and 'user-friendly' characteristics.

ORDERING CODE

9/00404 Moulded, steel-cored grab handle 190mm



SPECIFICATION

A Body Length	190 mm
B Body Width	28 mm
C Body Height	50 mm
D Hole centres	157 mm
E Under grip	32 mm
H Hole sizes dia within 15 mm dia recess	8 mm

-  Semi-rigid surface, no hard edges, with plugs to conceal fixings.
-  Self-colour black with gloss, textured finish.
-  Fixing by bolting through holes in steel core.

M Moulded in thermoplastic elastomer around steel core.

A These handles are direct alternatives to Titgemeyer 588-242 and 633-500 and Furgocar 1908 - 10263/64.

T **LOAD TESTING:**
Tests carried out by an independent proof house gave following results (at 15°C) before destruction.

Parallel to fixing:
9/00404, max load 19.47KN (1.99 tonnes)
9/00405, max load 12.83KN (1.30 tonnes)

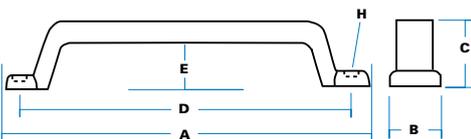
Vertical to fixing:
9/00404, max load 13.67KN (1.39 tonnes)
9/00405, max load 12.03KN (1.23 tonnes)

With Ultimate strength over 1 tonne we recommend a safe working load of 500Kg (1100lbs) max.

 Highly competitive against market alternatives.

ORDERING CODE

9/00405 Moulded, steel-cored grab handle 280mm



SPECIFICATION

A Body Length	280 mm
B Body Width	28 mm
C Body Height	55 mm
D Hole centres	253 mm
E Under grip	37 mm
H Hole sizes dia within 18 mm dia recess	8 mm

After fixing it is recommended that cover plugs are permanently retained with a suitable adhesive.

Textured plugs are available under following references 9/00404-MP00444 (15mm dia).
9/00405-MP00445 (18mm dia).



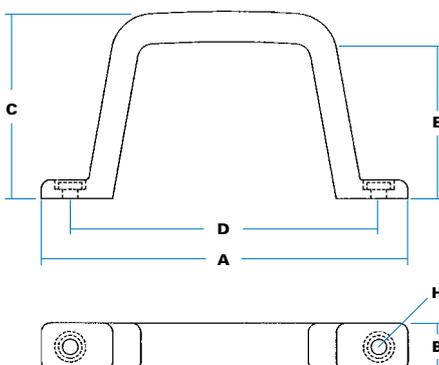
'HIGH-GRIP' MOULDED STEEL- CORED HANDLE

Made in same length and construction as 9/00404, this model suits applications where exceptionally high grip is desirable. For example, where handle is fitted within a compartment so that much of its height is hidden by the door frame. Other uses include trailers and caravans, or inside service vehicles where unimpeded access is essential.

9/00403
'High-grip' handle with
steel core

ORDERING CODE

9/00403 'High-grip' handle, black



SPECIFICATION

A Body length	190 mm
B Body width	25 mm
C Body height	98.5 mm
D Hole centres	160 mm
E Under grip	82.5 mm
H Hole sizes (diameter) within 15 mm dia. recess	8mm

After fixing it is recommended that cover plugs are permanently retained with a suitable adhesive.

Replacement plugs are available as part reference 5/00538B.



Semi-rigid surface, no hard edges, textured finish with "snap-in" plugs to conceal mounting details.



Self-colour black with textured finish. Other colours subject to batch quantities.



Fixing by bolting through 8 mm holes in steel core and cover with plugs provided.



Moulded in thermoplastic elastomer around steel core.



Rig testing parallel to fixings achieved loads of over (500 Kg) before significant distortion. We recommend a safe working load of 250 Kg (550 lbs.) max.



9/01526

CONCEALED-FIX MOULDED GRAB HANDLE

Clean, sharp lines characterise this new addition to our range, intended for surface-mount applications where fixing from inside is desired. The handle contains threaded brass inserts, moulded-in during manufacture, and has a relatively high grip for a gloved hand.



Black, fine textured finish



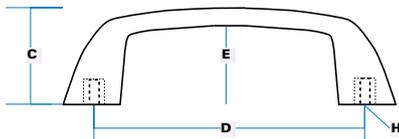
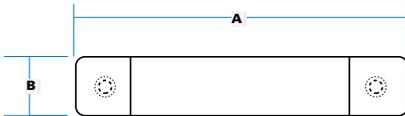
Moulded in Nylon-6, glass-bead filled and UV stabilised



LOAD TESTING:
Tests carried out by an independent proof house gave following results:-
Parallel to fixing: Max load 5.50KN (616kg) before fracture.
Vertical to fixing: Max load 4.50KN (504kg) before fracture.
With ultimate strength over 500Kg we recommend a safe working load of 200Kg (440lbs) max.

ORDERING CODE

9/01526 Concealed-fix handle, black



SPECIFICATION

A Body Length	145 mm
B Body Width	26 mm
C Body Height (max)	43 mm
D Hole centres	117 mm
E Under grip	35 mm
H Hole sizes (depth) with M8 threaded inserts	16 mm



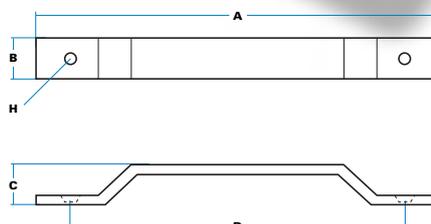
9/01790
'Economy' Grab Handle

ORDERING CODE

9/01790 'Economy' grab handle - open fixing

SPECIFICATION

A Body Length	245 mm
B Body Width	25 mm
C Body Height	40 mm
D Hole centres	203 mm
H Hole sizes c/s	7 mm 12 mm



'ECONOMY' GRAB HANDLE

A smart, inexpensive handle with 'plant-on' fixing. It is made in black polypropylene with textured finish, with longitudinal ribbing to lighten weight and increase strength.

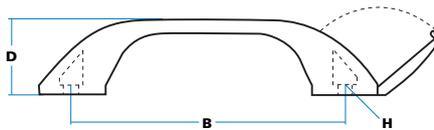
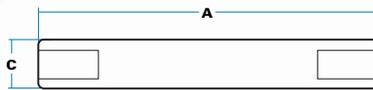


LOAD TESTING:
Tests carried out by an independent proof house gave following results.
Parallel to fixing: Max load 3.64 Kilo-Newton (407kg) before handle pulled away from bolts.
Vertical to fixing: Max load 2.87 Kilo-Newton (321kg) before handle pulled away from bolts.
With ultimate strength over 500Kg we recommend a safe working load of 100Kg (220lbs) max.



1/30357
Grab Handle
(173mm)

9/02357
Grab Handle
(203mm)



SPECIFICATION

A Length (1/30357)	173 mm
A1 Length (9/02357)	203 mm
B Hole centres (1/30357)	140 mm
B1 Hole centres (9/02357)	170 mm
C Width	30 mm
D Height	38 mm
H Hole sizes within recess	5 x 8 mm 10 x 13 mm

ORDERING CODE

1/30357	Grab handle, black, 173mm
1/30357/02	Grab handle, white (RAL 9016)
9/02357	Grab handle, black, 203mm

PHYSICAL PROPERTIES OF POLYPROPYLENE

Izod\impact strength at 23°C	9.5 kJ/m ²
Embrittlement temperature	-20°C
Heat distortion temperature (4.6kg/cm ²)	95°C
Melting range	165 - 175°C
Burning rate (3 mm) thickness	23mm/minute
UL94 Flammability rating	UL94HB
Resistance to ultraviolet light	After long exposure, some loss of pigment but no detrimental effect on strength

EXTERNAL-FIX GRAB HANDLES

with 'snap-shut' trim panels

NOW IN TWO SIZES!

Two useful grab handles, with integral 'snap-shut' panels to conceal fixing holes. Resilient, strong, with no sharp edges, they suit both inside and outside applications, such as vehicle seat-backs, cabinets, carrying-cases, etc.

- !** Strong, lightweight, attractive.
- !** Plant-on fixing, secured with bolts into slotted holes, integral cover panels.
- !** Textured finish, normal colours black, white and blue/grey. Other colours to special request.
- M** Moulded in polypropylene. See table for physical properties. Meets EC 95/28CE regulation for combustibility (less than 100mm per minute).
- T** **LOAD TESTING:** ON 1/30357: Tests carried out by an independent proof house gave following results (at 15°C).
Parallel to fixing: Max load 3.00 Kilo-Newtons (306kg) before handle pulled away from bolts.
Vertical to fixing: Max load 1.24 Kilo-Newtons (126kg) before handle pulled away from bolts.
 With ultimate strength over 300Kg we recommend a safe working load of 100Kg (220lbs) max.

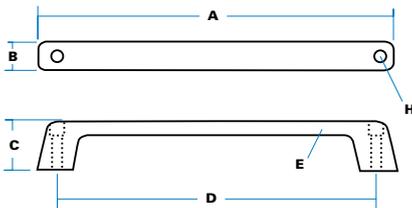


7/28745

ORDERING CODE

7/28745 Diecast handle-chrome

7/28746 Diecast handle-black



SPECIFICATION

A Body Length	150 mm
B Body Width	18 mm
C Body Height	37 mm
D Hole centres	136 mm
E Section min	7 mm
H Hole sizes (diameter)	6 mm, c/s 10 mm
recess depth 7mm,	body depth 25 mm

EXTERNAL-FIX GRAB HANDLE 150mm

A substantial diecast handle, with sufficient height to allow good grip. It is fixed externally through two deep-recessed mounting holes.



Well-styled high-standing alternative to traditional "6-inch" pulls.



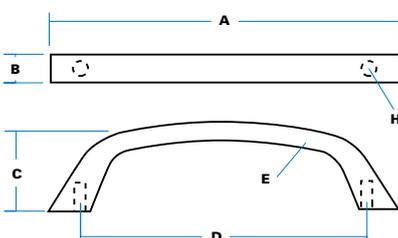
Polished and bright chromium-plated, or black powder-coated.



7/35442

ORDERING CODE

7/35442 Grab handle-chrome



SPECIFICATION

A Body Length	110mm
B Body Width	13mm
C Body Height	25mm
D Hole centres	89mm
E Section	4mm
H Hole sizes (depth)	8mm
tapped 10-32 UNF	

CONCEALED-FIX DIECAST GRAB HANDLE

A neat 'cabinet' handle, suitable for cupboards and drawers and fixed from behind by two screws (not provided). Finish is bright chromium plated.

9/00214
(black)



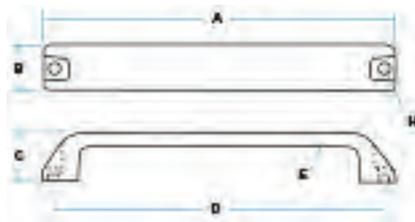
9/00224
(chrome)



ORDERING CODE

9/00214 Diecast grab rail-black

9/00224 Diecast grab rail-chrome



SPECIFICATION

A Body Length	255 mm
B Body Width	33 mm
C Body Height	35 mm
D Hole centres	238 mm
E Section min (ribbed)	3 mm
H Hole sizes (diameter)	7 mm, c/s 12 mm

DIECAST GRAB-RAIL 250mm

This model was designed with clean, modern lines in reaction to traditional 'commode' style diecast grab handles with thin sections and curved shapes. It is ideal for use as an entry-assist on rear and side doors of trucks and vans, for compressor and engine covers, and on containerised gen-sets.



Low profile and wide section for good grip, with no sharp corners or edges. Fully plant-on, with semi-concealed fixing holes.



Black powder-coated or hand-polished and chromium plated. Special colours on request, volume permitting.

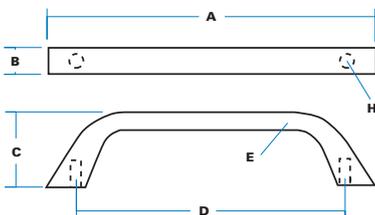


7/10668
(chrome)

ORDERING CODE

7/10668 Grab handle-chrome

7/10669 Grab handle-black



SPECIFICATION

A Body Length	136mm
B Body Width	13mm
C Body Height	32mm
D Hole centres	114mm
E Section	8mm
H Hole sizes (depth) tapped 10-32 UNF	8mm

CONCEALED-FIX DIECAST GRAB HANDLE

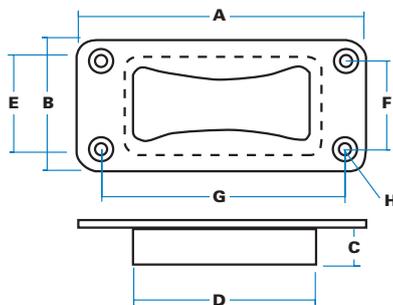
An attractive handle with 'streamlined' design to avoid sharp corners, with fixing from underneath into two tapped holes. Available in hand polished chromium-plated finish, or black powder-coated.



9/01390
Grab Handle

ORDERING CODE

- 9/01390** Recess grab handle, moulded
- 9/01391** Recess grab handle, diecast



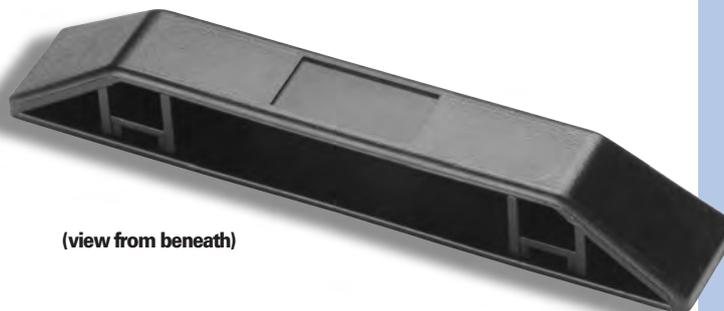
SPECIFICATION

A Length (outer)	133 mm
B Width (outer)	60 mm
C Depth	21 mm
D Length (inner)	95 mm
E Width (inner)	45 mm
F Hole centres	41 mm
G Hole centres	114 mm
H Hole sizes (diameter)	6 mm, c/s 10 mm

Note: Because of construction detail, there are projections on dimension 'D' to 115 mm on diecast model.



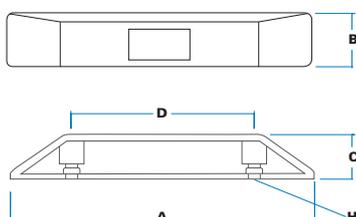
9/01388
Window-pull handle
(front view)



(view from beneath)

ORDERING CODE

- 9/01388** Window-pull handle



SPECIFICATION

A Length	200 mm
B Width (max)	35 mm
C Depth	30 mm
D Hole centres	120 mm
H Hole sizes (dia)	8mm

Note: Nut 'pockets' are 11 mm max. width

**DOUBLE-SIDED
FLUSH-FIT
GRAB HANDLES**

This design is available in both diecast and moulded construction. It is completely flush-fitting and easy to fix into panel aperture. The shaped edges allow easy action with roller shutters and sliding doors. Use the diecast version when handle is used to lift heavy equipment.



Fix through countersunk holes in top plate.



Diecast handle is black powder-coated, moulded handle has textured finish.



Diecast in zinc alloy, or moulded in glass-filled nylon with top and bottom plates ultrasonically welded together.

**WINDOW-PULL
HANDLE
[CONCEALED-FIX]**

This useful handle is used for pull-open windows in buses and coaches, and similar applications. It is fitted to the inside of the glass and is held by two bolts from outside, secured into hidden nuts contained in 'pockets' within the handle

Note: Some restrictions on availability may apply



Secure from outside through two holes in base of handle, into 11mm 'nut pockets'



Moulded in high-impact ABS with fine textured finish.



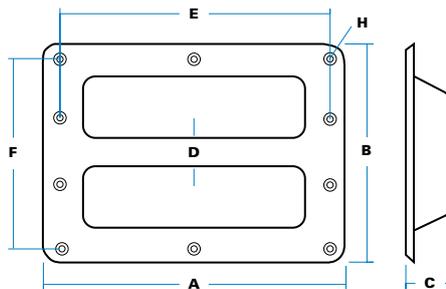
9/01389/01
Grab Handle

ORDERING CODE

9/01389/01 Flush-fit grab handle- black

SPECIFICATION

A Length	230 mm
B Width	170 mm
C Depth	30 mm
D Strap width	22 mm
E Hole centres	203 mm
F Hole centres	153 mm
H Hole sizes (diameter)	5 mm, 10 mm recess



Consult engineering drawing for details of hole positions. Frame in 2 mm galvanised steel.

FLUSH-FIT STEEL GRAB HANDLE
encapsulated in
synthetic rubber (TPE)

A fully-recessed grab handle, large enough to receive a gloved hand. The unit is completely corrosion-resistant and shaped to allow run-off of water (spray, etc.). It is suitable for large commercial vehicles and trailers, etc.

- !** Galvanised steel frame with resilient moulded covering for user-friendly feel.
- 🔧** Smooth, semi-gloss finish. Standard colour is black.
- 🔩** Fixing through recessed holes in rim, use stainless steel or plated screws/rivets to avoid corrosion stains.

T **LOAD TESTING:**
Rig testing parallel to fixings achieved loads of over 6.00KN (610Kg) before significant distortion. We recommend a Safe Working Load of 200Kg (440lb)

THERMAL TESTING:
Cycled between +15°C & -30°C without embrittlement. Does not soften below +70°C.



9/01115
Grab Handle

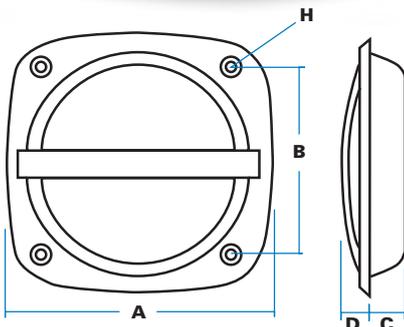
ORDERING CODE

9/01115 Semi-flush handle-black

5/00939 Moulded gasket

SPECIFICATION

A Width	125 mm
B Centres	90 mm
C Depth	16 mm
D Height	10 mm
H Holes (diameter)	5 mm, C/S 9 mm
Inside diameter of pan 105 mm. Edges are embossed	



SEMI-FLUSH STEEL HANDLE

This model uses the same recess pan as our 'T' handle sets, 9/00186 etc, with a 10mm steel 'strap' welded across the recess to provide a strong, neat, semi-flush handle, Black finish, gasket supplied separately



9/00166SS

9/00163SS

ORDERING CODE

9/00163SS Stainless steel rail, 104 mm.

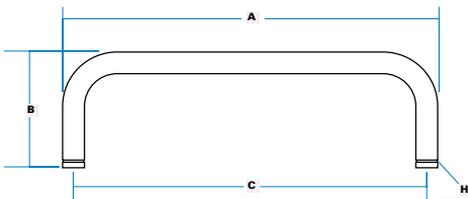
9/00166SS Stainless steel rail, 165 mm.

SPECIFICATION

	9/00163	9/00166
A. Length	104 mm	165 mm
B. Height	50 mm	50 mm
C. Hole centres	96 mm	157 mm
H. Hole sizes	M5	M5

Supplied with 2-off chromium-plated screws, M5 x 10 mm (ref. MP 00078).

Bar diameter:	9 mm
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Widely used for electrical cabinets and equipment drawers, these handles are rolled from 9 mm stainless steel bar, bright polished.

Ends are drilled and tapped M5, and two screws are supplied for mounting from beneath.



9/01914SS
Recess-mounted handle,
stainless steel

LIFT-UP HANDLES
- RECESS
MOUNTING

Very useful, plant-on 'chest' handle, with attached backplate and concealed spring which returns to 'rest' position. Stainless steel throughout, with 'grip' in resilient rubber. Also available for surface mounting (without recess plate) to special order.

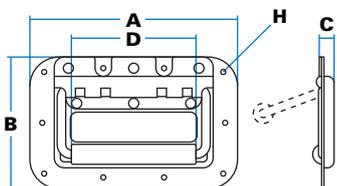
ORDERING CODE

9/01914SS Recess handle, stainless steel

SPECIFICATION

A Plate Length	160 mm
B Pan Width	107 mm
C Pan Depth	6 mm
D Grip Length	110 mm
E Grip Diameter	12 mm
H Hole sizes (dia.)	6 mm

Angle of opening 85°. Consult engineering drawing for position of (10) fixing holes. Panel cut-out dimensions 75mm x 127mm.



1/20550
Grab Handle

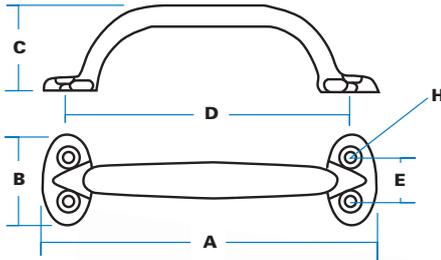


ORDERING CODE

1/20550 'Traditional' grab handle chrome

SPECIFICATION

A Total Length	165 mm
B Width (max)	41 mm
C Height (max)	46 mm
D Hole centres	140 mm
E Hole centres	19 mm
H Hole sizes (diameter)	5mm, c/s 10 mm



**'TRADITIONAL'
GRAB HANDLE**

Traditionally-styled handle for plant-on fitting. Hand-polished and chromium plated to a very high standard. Other finishes to special order.

7/28362
Grab Handle



ORDERING CODE

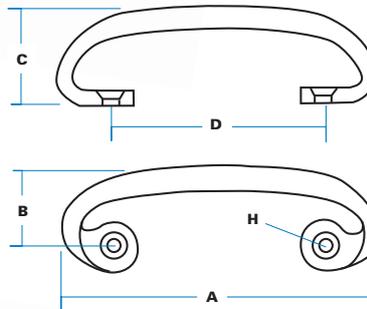
7/28362 'C' handle - chrome

7/28363 'C' handle - black

7/28364 'C' handle - raw finish

SPECIFICATION

A Total Length	155 mm
B Width (offset)	45 mm
C Height (max)	48 mm
D Hole centres	105 mm
H Hole sizes (diameter)	7 mm, c/s 11 mm



**'C - TYPE'
GRAB HANDLE**

Exceptionally strong handle with constant-section to avoid areas of weakness found in competitors' models. Hand-polished and chromium plated to very high standard. Also in black and raw finish

1/20574
Grab Handle

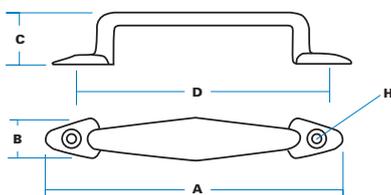


ORDERING CODE

1/20574 Lowline grab handle, chrome

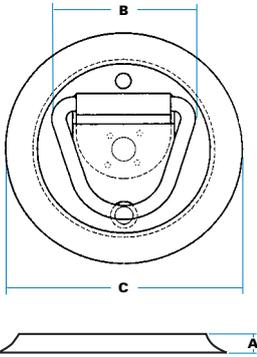
SPECIFICATION

A Total Length	168mm
B Width (max)	23mm
C Height	30mm
D Hole centres	140mm
H Hole sizes (diameter)	7 mm, c/s 11 mm



**'LOWLINE'
GRAB HANDLE**

A traditional design with shaped 'grip' area, and with low, flat styling for minimal projection. Hand polished and chromium plated to very high standard.



9/01181
Tie-down
ring & Shroud

ORDERING CODE

9/01181 Tie-down ring & shroud

9/01182 Tie-down ring only

Safe Working Load: 250 Kg.

SPECIFICATION

A Height 10 mm

B Loop width 50 mm

C Diameter 112 mm

TIE-DOWN RING & SHROUD

This useful steel tie-down has a moulded shroud for plant-on fixing to wall or floor. A high-tensile bolt should be used, fitting through steel support plate. There is a rubber plug to 'cushion' ring and prevent rattle. Bright zinc-plated.