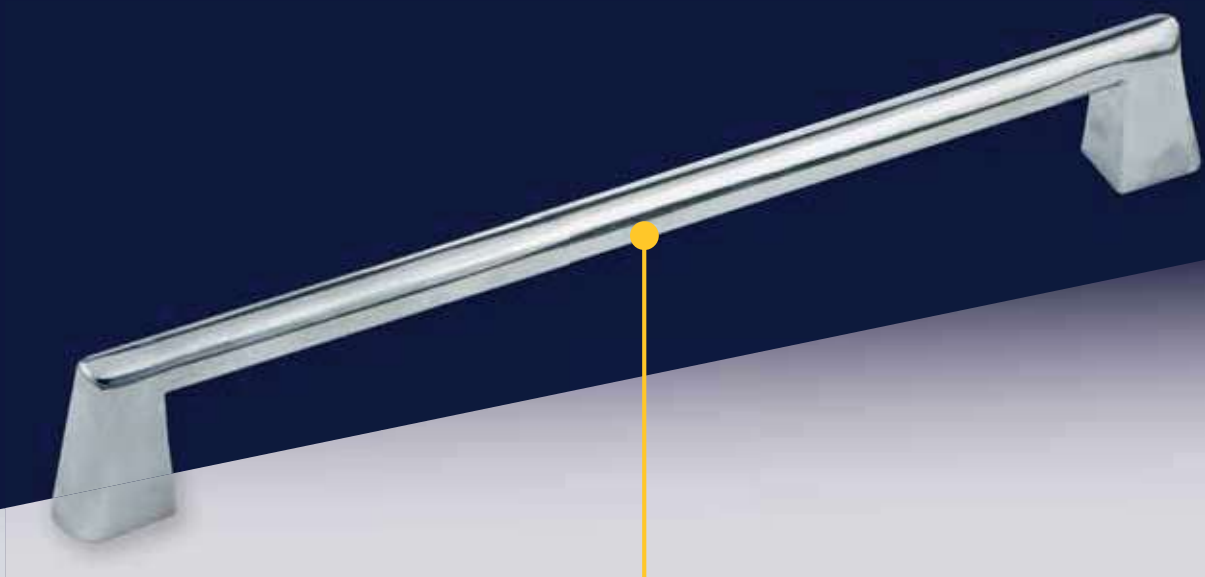


HANDLES



GRAB HANDLES



Front mounted grab handles 107 mm in steel or stainless steel **328**



Front mounted grab handle 107 mm - zinc die-cast **328**



Front mounted grab handle 125 mm **329**



Front mounted grab handles 106 and 126 mm **329**



Front mounted grab handles 122 and 150 mm **330**



Rear mounted grab handles 50 mm **331**



Rear mounted grab handles 110 mm **331**



Rear mounted grab handles 92 and 108 mm **332**



Rear mounted grab handles 52 to 120 mm **332**



Rear mounted grab handles 95 to 150 mm **333**



Rear mounted grab handles 102 to 204 mm **333**



Rear mounted handles **334**



Rear mounted grab handles 92 to 200 mm **334**



Black aluminium rear mounted grab handles 75 to 150 mm **335**



Black aluminium rear mounted grab handles 88 to 120 mm **335**



Chrome plated rear mounted grab handle 90 mm **336**



Chrome plated zinc die-cast rear mounted grab handles 160 mm **336**



Moulded grab handle - rear mounted **337**

DROP HANDLES



Drop handles 96 x 61 mm - load 25 kg **338**



Drop handle 96 x 71 mm - load 25 kg **338**



Drop handle 104.8 x 73.7 mm load 90 kg **339**



Drop handles 140 x 87 mm - load 60 kg **339**



Drop handles- load 35 kg or 45 kg **340**



Drop handle with chamfered angles - load 35 kg **340**



Drop handle 130 x 80 mm - load 68 kg **341**



Black steel folding handle **341**



Folding handles with stop in open position **342**



Spring loaded handles 110 mm - load 25 kg **343**



Spring loaded handles -
load 34 kg - 180° opening **343**



Spring loaded handles
130 mm - load 45 kg **344**



Spring loaded handles
130.3 mm - load 45 kg **344**



Spring loaded handle
130 mm - load 54 kg **345**



Spring loaded handles
130 mm - load 68 kg **345**



Recessed spring loaded
drop handles
155.5 mm - load 57 kg **346**



Recessed spring loaded
drop handles
177.8 mm - load 68 kg **346**

FLUSH HANDLES



Flush handles
105 x 63.5 mm **347**



Flush handle
120 x 91 mm **347**



Flush handle
150 x 105 mm **348**



Flush handle
194 x 76 mm **348**



Retractable flush handles
in stainless steel **349**



Screw-on flush handle
101 x 52 mm **349**



Screw-on flush handle
131 x 79 mm **350**



Screw-on recessed grab
handle **350**



Bolt-on flush handle
120 x 60 mm **351**



Bolt-on flush handle
120 x 62 mm **351**



Bolt-on flush handle
138 x 88 mm **352**



Recessed handle
in elastomer **353**



Snap-in flush handle
90 x 40 mm **353**



Snap-in flush handles
137.4 x 37.4 mm or
140 x 36 mm **354**



Flush handle with fixing
clips 110 x 56.3 mm **355**



Flush handle with fixing
clips 187 x 79 mm **355**



front mount grab handles

Front mounted grab handles 107 mm in steel or stainless steel

Handle made from galvanised steel is pregalvanised. Therefore any cut surface is ungalvanised.



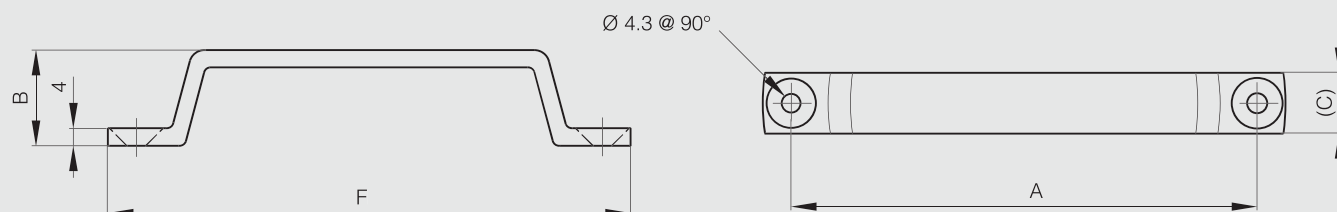
Part number	Material	Finish	A	B	C	F	Weight (g)
19-1-3807	galvanised steel	raw	107	21	15	120	32
19-1-3797	304 stainless steel	deburred	107	21	15	120	32



Front mounted grab handle 107 mm - zinc die-cast



Part number	Material	Finish	A	B	C	F	Weight (g)
19-7-3639	zinc die-cast	chrome plated	107	22	14	120	40





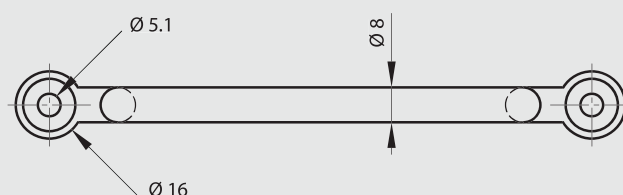
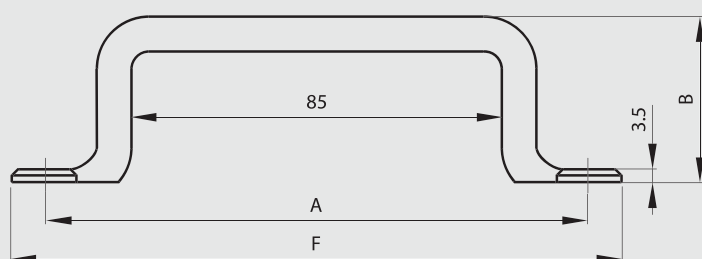
Grab handles

Front mount grab handles

Front mounted grab handle 125 mm

STEEL

Part number	Material	Finish	A	B	F	Weight (g)
19-7-3343	steel	zinc plated	125	38	140	68

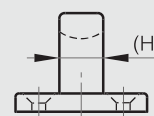
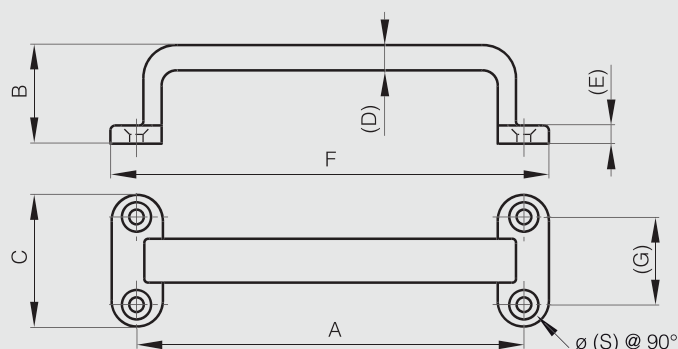


Front mounted grab handles 106 and 126 mm

Complete with wood screws.

STAINLESS STEEL
RoHS

Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Weight (g)
19-7-3694	304 stainless steel	mirror polished	106	27	36	7	5	120	24	12	4.1	131
19-7-3695	304 stainless steel	mirror polished	126	33	45	8	6	150	30	15	5.3	242

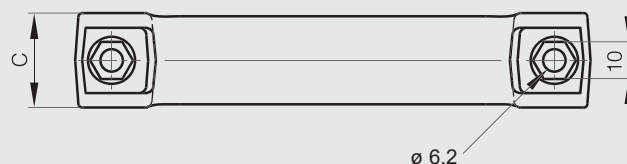
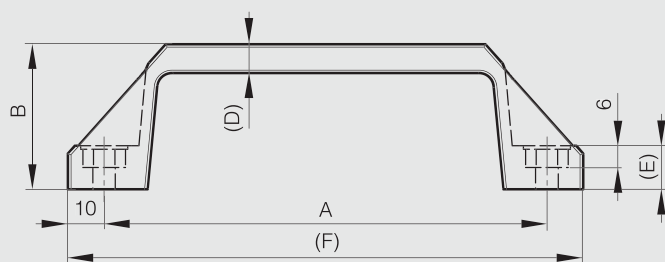




Front mounted grab handles 122 and 150 mm



Part number	Material	Finish	A	B	C	D	E	F	Weight (g)
87-7-2201	polyamide	matt black	122	40	26	8	12	142	42
87-7-2203	polyamide	matt black	150	52	28	10	13	170	71



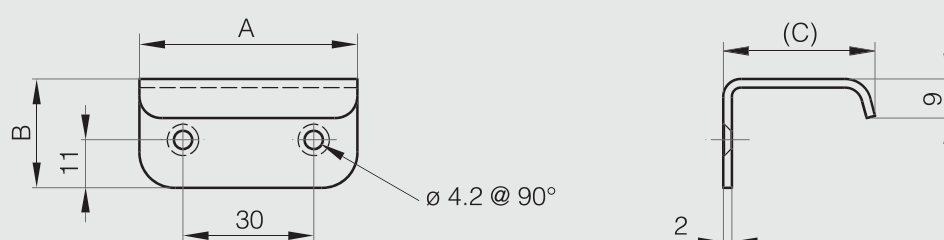


Rear mount grab handles

Rear mounted grab handles 50 mm

STEEL  RoHS

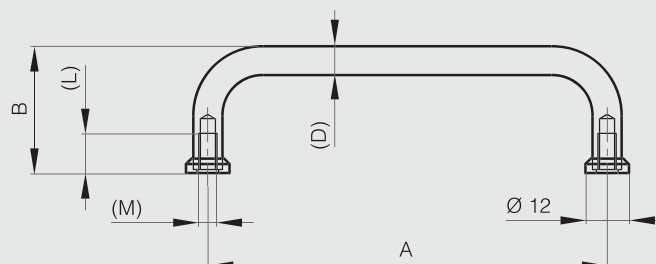
Part number	Material	Finish	A	B	C	Weight (g)
19-1-3798	steel	chrome plated	50	25	35	46



Rear mounted grab handles 110 mm

STAINLESS STEEL  RoHS

Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-1-3424	304 stainless steel	polished	110	35	8	11	5	61





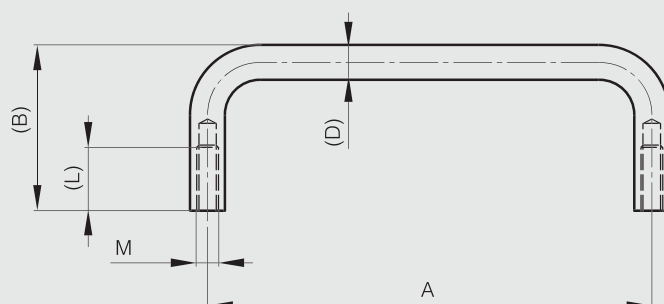
Rear mount grab handles

Rear mounted grab handles 92 and 108 mm

ALU



Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-1-3425	aluminium	polished	92	32	10	10	5	26
19-1-3672	aluminium	polished	108	39	10	10	4	30



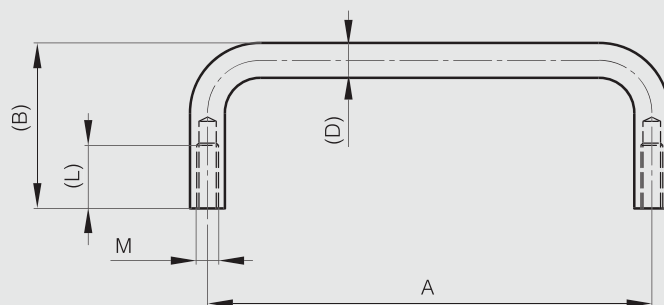
Rear mounted grab handles 52 to 120 mm

BRASS

ALU



Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-7-3683	aluminium	clear anodised	52	34	8	10	4	14
19-7-3684	aluminium	clear anodised	80	34	8	12	4	17
19-7-3685	aluminium	clear anodised	100	34	8	12	4	20
19-7-3686	aluminium	clear anodised	120	34	8	10	4	23
19-7-3409	aluminium	polished	100	30	7	8	4	14
19-7-3410	brass	chrome plated	100	30	7	8	4	44
19-7-3411	brass	nickel plated	100	30	7	8	4	44





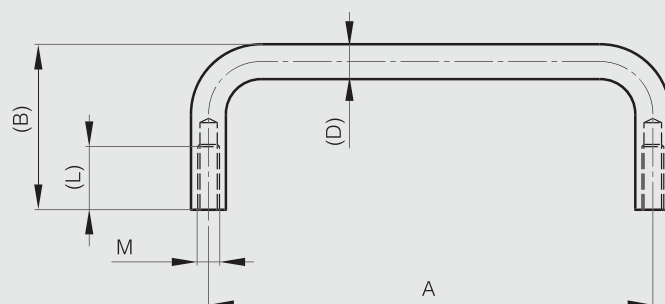
Rear mount grab handles

Rear mounted grab handles 95 to 150 mm

For use with M4 screws (included).

STAINLESS
STEEL

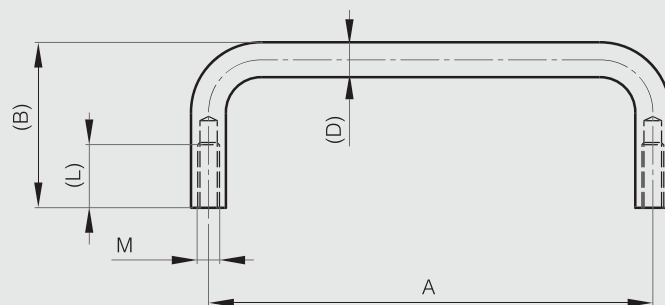
Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-7-3701	304 stainless steel	mirror polished	95	28	9	8	4	76
19-7-3700	304 stainless steel	mirror polished	120	28	9	8	4	88
19-7-3699	304 stainless steel	mirror polished	150	28	9	8	4	103



Rear mounted grab handles 102 to 204 mm

STEEL RoHS

Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-1-3569	steel	chrome plated	102	38	8	14	5	70
19-1-3570	steel	chrome plated	153	38	8	14	5	90
19-1-3571	steel	chrome plated	204	38	8	14	5	105

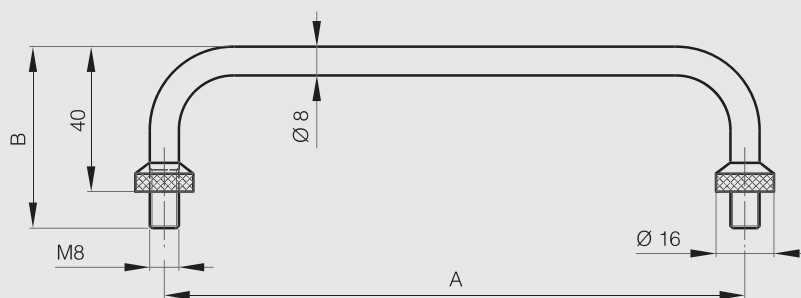




Rear mounted handles

BRASS
RoHS

Part number	Material	Finish	A	B	Weight (g)
19-1-3390	brass	chrome plated	160	50	114

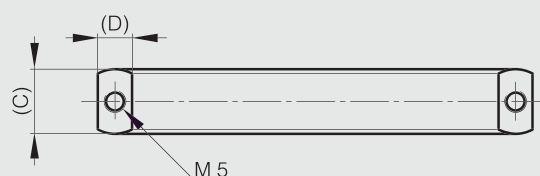
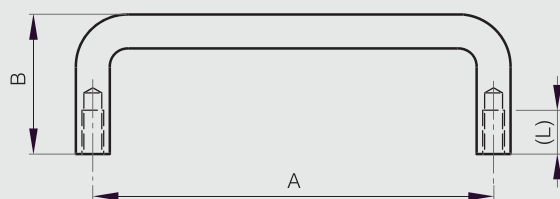


Rear mounted grab handles 92 to 200 mm

Complete with M5 screws for 304 stainless steel version (included).

STAINLESS
STEEL

Part number	Material	Finish	A	B	C	D	L	Weight (g)
19-1-3833	316 stainless steel	mirror polished	92	32	14.8	7.8	10	120
19-7-3696	304 stainless steel	mirror polished	100	40	14	8	11	120
19-1-3834	316 stainless steel	mirror polished	110	32	14.8	7.8	10	120
19-7-3697	304 stainless steel	mirror polished	150	50	14	8	11	174
19-7-3698	304 stainless steel	mirror polished	200	50	14	8	11	210





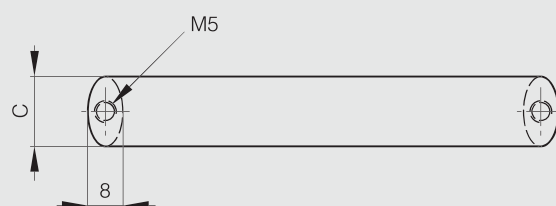
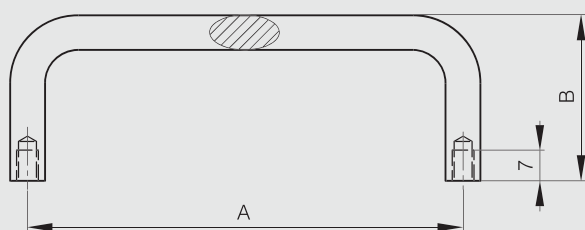
Rear mount grab handles

Black aluminium rear mounted grab handles 75 to 150 mm

ALU



Part number	Material	Finish	A	B	C	Weight (g)
19-1-9001	aluminium	black painting	75	38	16	34
19-1-9002	aluminium	black painting	100	38	16	45
19-1-9003	aluminium	black painting	150	38	16	68

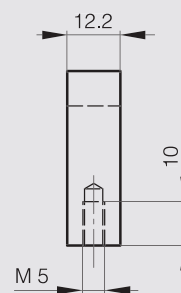
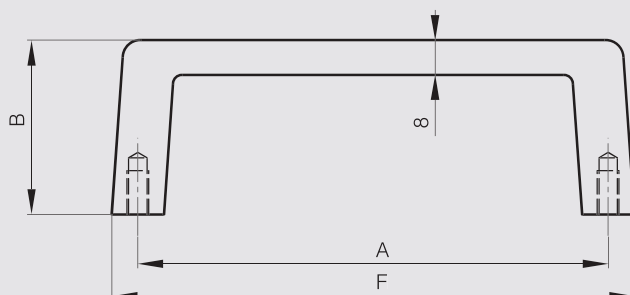


Black aluminium rear mounted grab handles 88 to 120 mm

ALU



Part number	Material	Finish	A	B	F	Weight (g)
19-7-3644	aluminium	matt black	88	40	102	50
19-7-3645	aluminium	matt black	120	40	134	60



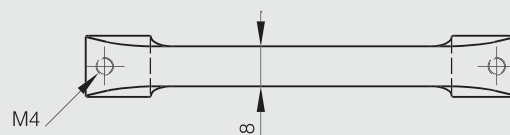
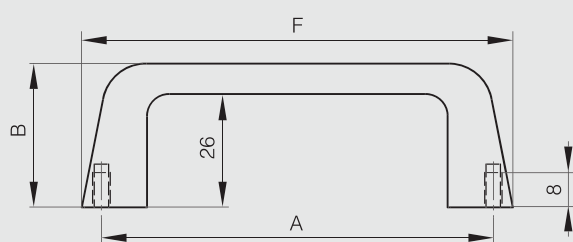


Rear mount grab handles

Chrome plated rear mounted grab handle 90 mm



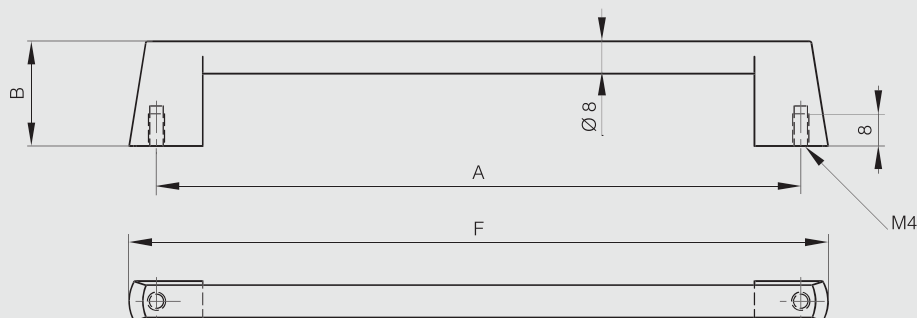
Part number	Material	Finish	A	B	F	Weight (g)
19-7-3426	zinc die-cast	chrome plated	90	33	99	53



Chrome plated zinc die-cast rear mounted grab handles 160 mm



Part number	Material	Finish	A	B	F	Weight (g)
19-7-3385	zinc die-cast	chrome plated	160	26	174	84
19-7-3387	zinc die-cast	matt black	160	26	174	84

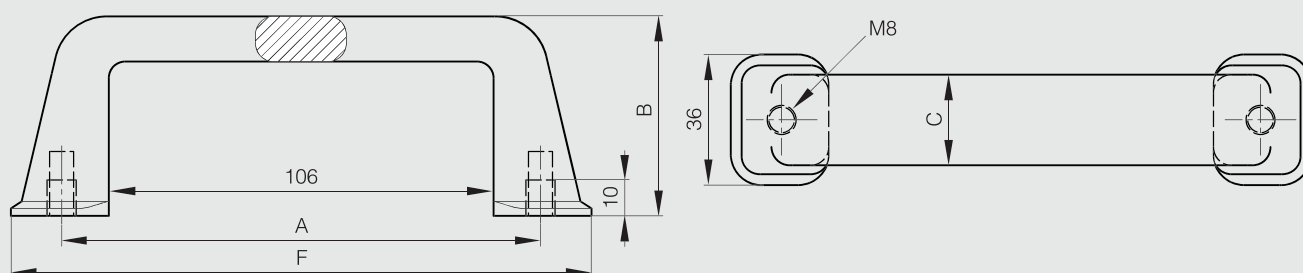




Moulded grab handle - rear mounted



Part number	Material	Finish	A	B	C	F	Weight (g)
19-1-9000	polymer	black	132	55	25	160	86





Drop handles

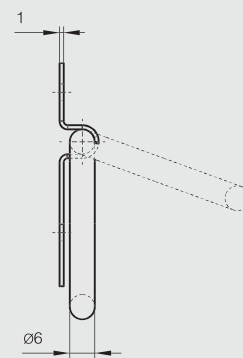
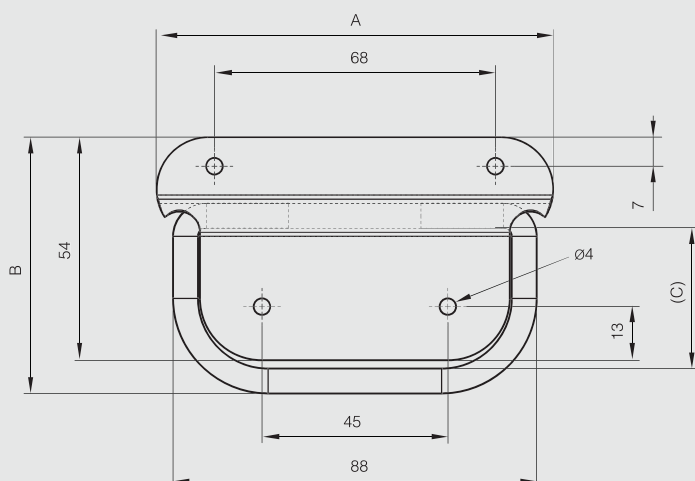
Drop handles - free swing

Drop handles 96 x 61 mm - load 25 kg

Maximum load: 25 kg.
With 80° stop.

STEEL

Part number	Material	Finish	A	B	C	Note	Weight (g)
19-7-3339	steel	raw	96	63	34	undrilled	77
19-7-3637	steel	zinc plated	96	63	34	drilled	77

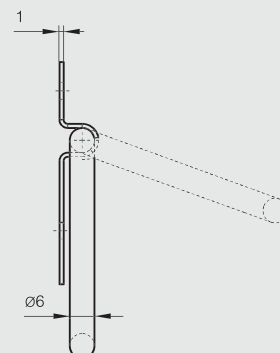
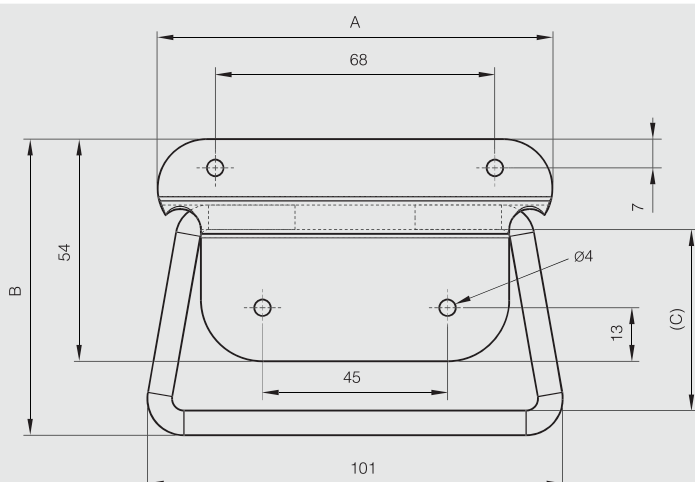


Drop handle 96 x 71 mm - load 25 kg

Maximum load: 25 kg.
With 80° stop.

STEEL

Part number	Material	Finish	A	B	C	Note	Weight (g)
19-7-3633	steel	zinc plated	96	72	45	drilled	107





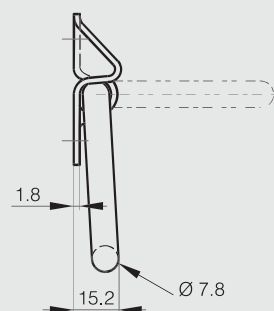
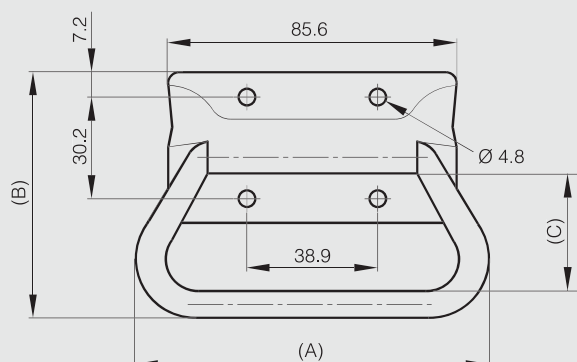
Drop handles - free swing

Drop handle 104.8 x 73.7 mm - load 90 kg

Maximum load: 90 kg.
With 90° stop.

STEEL

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3721	steel	zinc plated	104.8	73.7	34.9	181

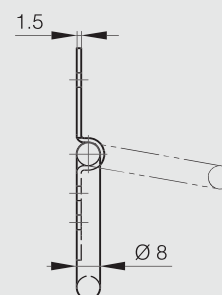
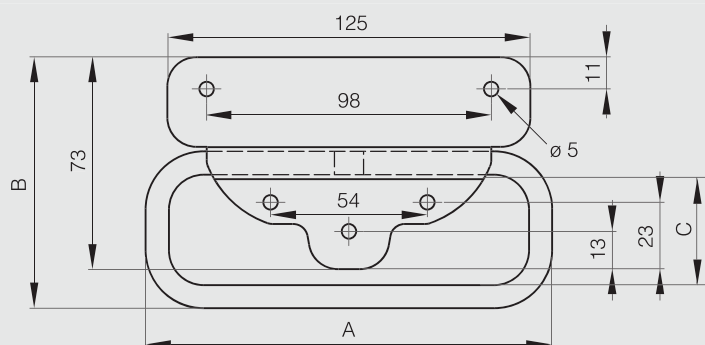


Drop handles 140 x 87 mm - load 60 kg

Maximum load: 60 kg.
With 80° stop.

STEEL

Part number	Material	Finish	A	B	C	Note	Weight (g)
19-7-3341	steel	raw	118	80	34	undrilled	180
19-7-3638	steel	zinc plated	118	80	34	drilled	180





Drop handles

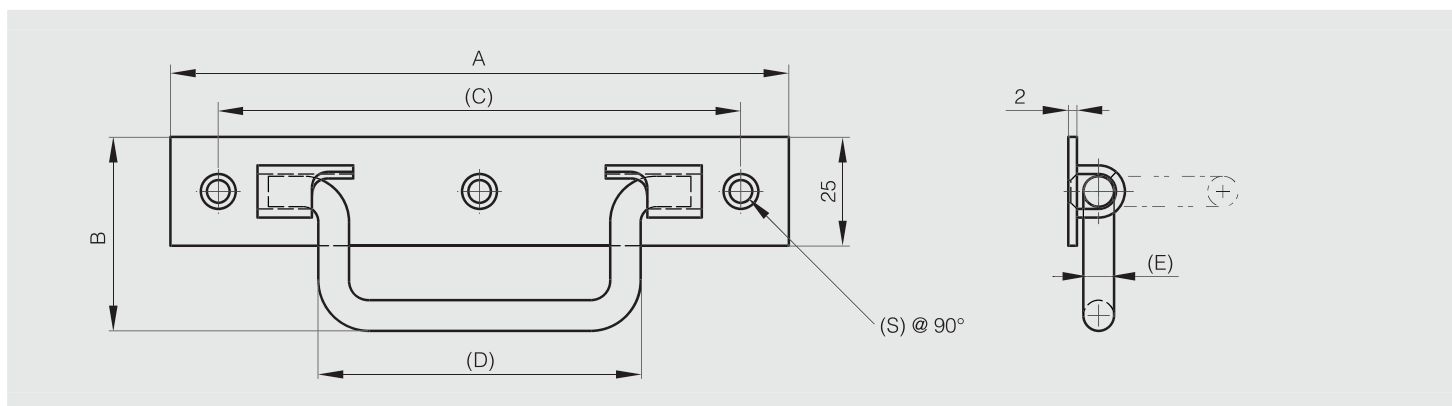
Drop handles - free swing

Drop handles - load 35 kg or 45 kg

With 90° stop.

STEEL

Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
19-7-3515	steel	zinc plated	142	45	120	75	8	5.2	load: 35 kg	115
19-7-3535	steel	zinc plated	160	46	138	94	8	5.2	load: 45 kg	142
19-7-3649	steel	zinc plated	187	49.6	162	109	8	5.2	load: 45 kg	155

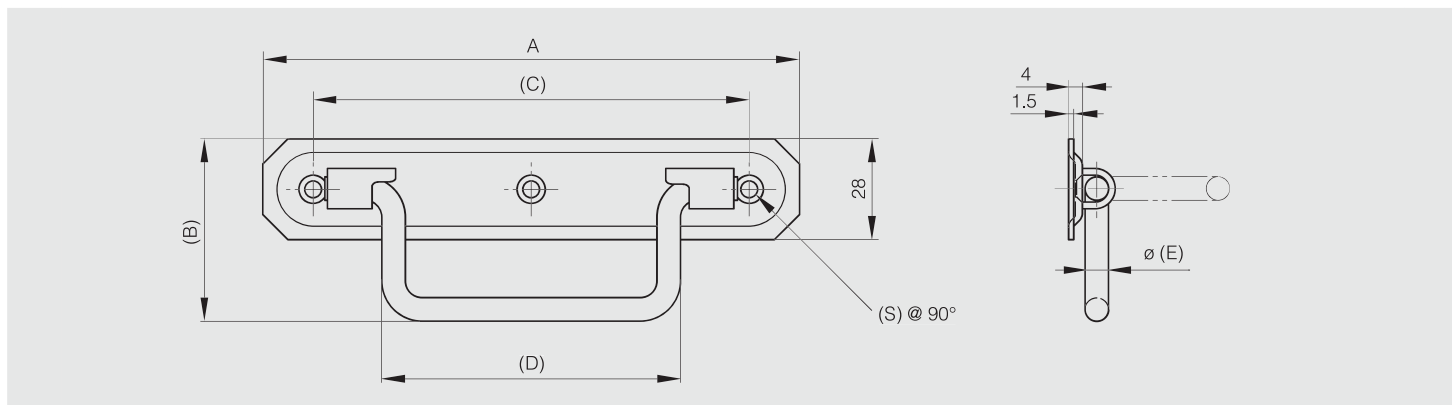


Drop handle with chamfered angles - load 35 kg

With 90° stop.

STAINLESS STEEL
RoHS

Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
19-7-3690	304 stainless steel	raw	158	54	130	89	7	5.2	load: 35 kg / chamfered angles	120





Drop handle 130 x 80 mm - load 68 kg

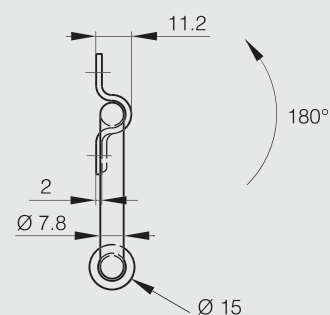
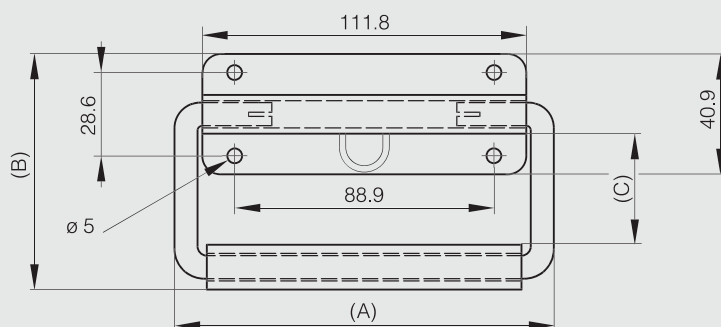
Maximum load: 68 kg.

With 180° stop.

Rubber grip in neoprene.

STEEL

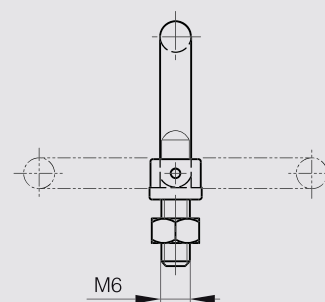
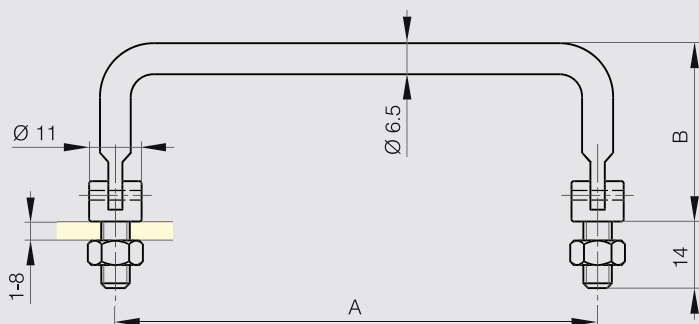
Part number	Material	Finish	A	B	C	Weight (g)
19-7-3706	steel	zinc plated	130	80	38.1	227



Black steel folding handle

STEEL

Part number	Material	Finish	A	B	Weight (g)
19-1-9006	steel	black epoxy	101.5	37.5	54



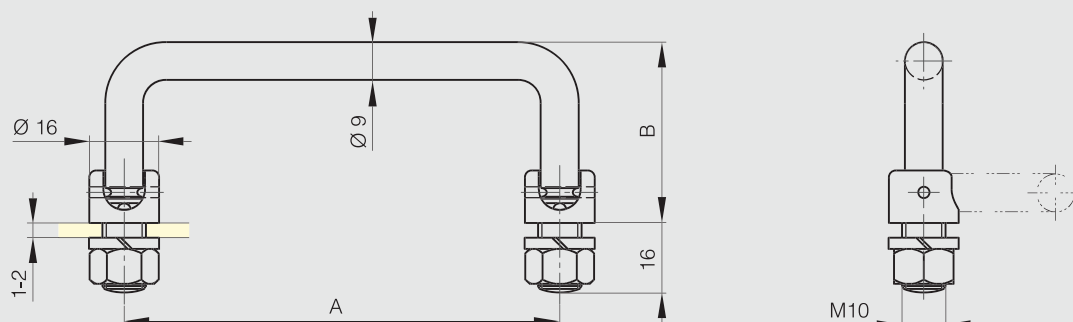


Folding handles with stop in open position

With 90° stop and position control.



Part number	Material	Finish	A	B	Weight (g)
19-1-9004	steel	chrome plated	100	41.5	120
19-1-9005	steel	chrome plated	135	41.5	150





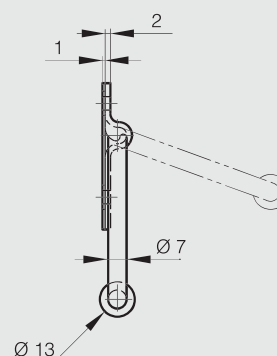
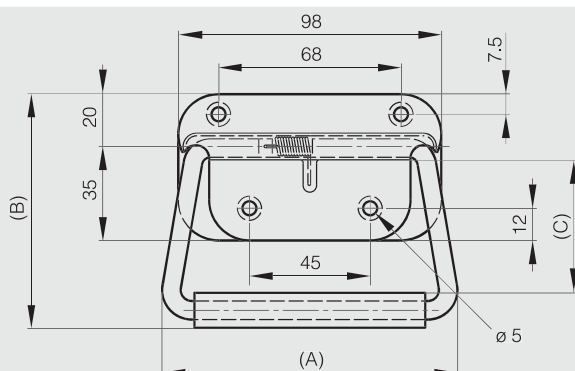
Spring loaded drop handles

Spring loaded handles 110 mm - load 25 kg

Maximum load: 25 kg.
With 70° stop.

STEEL

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3641	steel	zinc plated	110	87	50.5	210



Spring loaded handles - load 34 kg - 180° opening

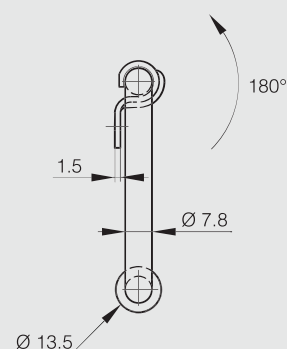
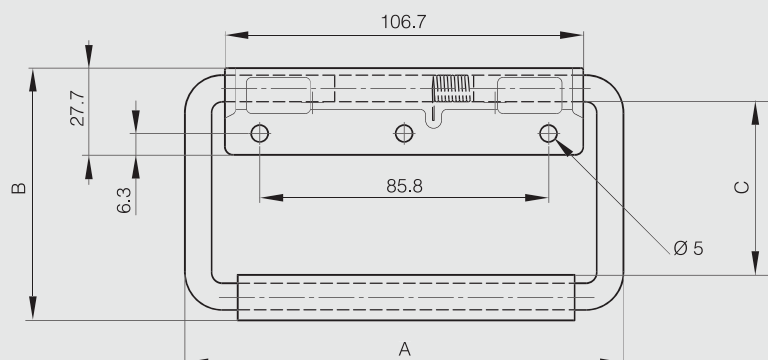
Maximum load: 34 kg.
With 180° stop.

Rubber grip in EPDM.

Produced mainly in stainless steel, for a complete description of the materials contact us.

STAINLESS STEEL STEEL RoHS

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3710	steel	black epoxy	130	75.4	46	227
19-7-3711	304 stainless steel	passivated	130	75.4	46	227





Spring loaded drop handles

Spring loaded handles 130 mm - load 45 kg

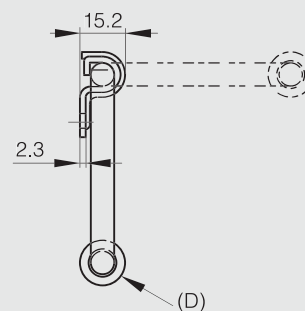
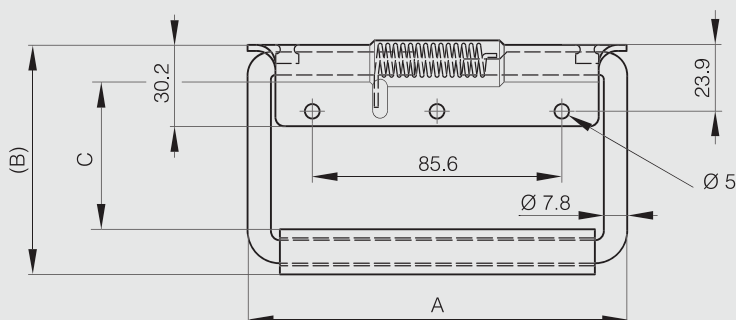
Maximum load: 45 kg.

With 90° stop.

Rubber grip.

STEEL

Part number	Material	Finish	A	B	C	D	Weight (g)
19-7-3733	steel	zinc plated	130	81.3	48.3	15	226



Spring loaded handles 130.3 mm - load 45 kg

Maximum load: 45 kg.

With 90° stop.

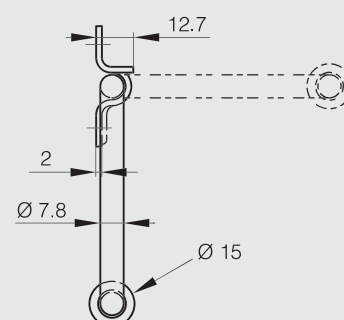
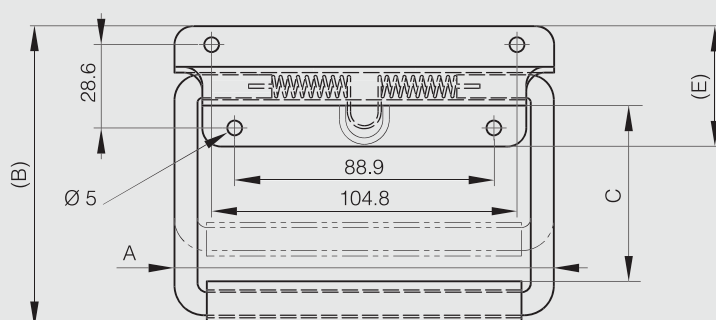
Rubber grip.

Produced mainly in stainless steel, for a complete description of the materials contact us.

STAINLESS
STEEL

STEEL

Part number	Material	Finish	A	B	C	E	Weight (g)
19-7-3745	steel	zinc plated	130.3	82.6	38.1	39.6	215
19-7-3740	steel	zinc plated	130.3	104.1	60.4	39.6	232
19-7-3746	304 stainless steel	raw	130.3	82.6	38.1	41.9	217
19-7-3741	302 stainless steel	raw	130.3	104.1	60.4	41.9	237





Spring loaded handle 130 mm - load 54 kg

Maximum load: 54 kg.

With 90° stop.

A special aluminium sleeve located between the rubber grip and the bail assures the grip will not ride up on the bail during lifting. Adds comfort and durability.

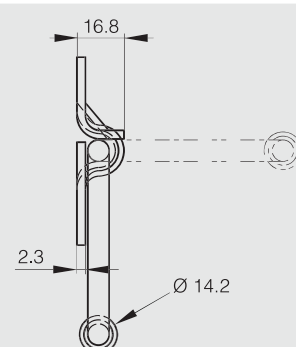
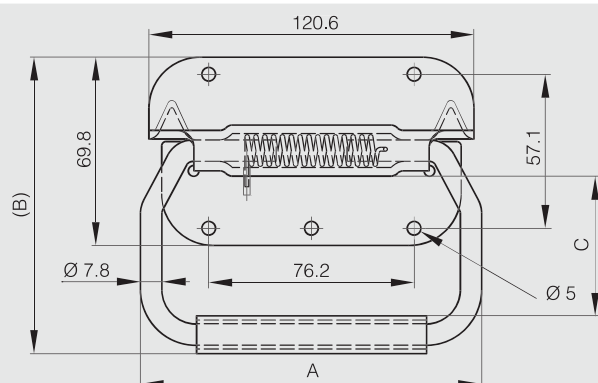
Fungus resistant neoprene.

Meets military specifications MIL.T.945, MIL.C.4150.

Produced mainly in stainless steel, for a complete description of the materials contact us.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3725	304 stainless steel	raw	130	112.7	50.8	317



Spring loaded handles 130 mm - load 68 kg

Maximum load: 68 kg.

With 90° stop.

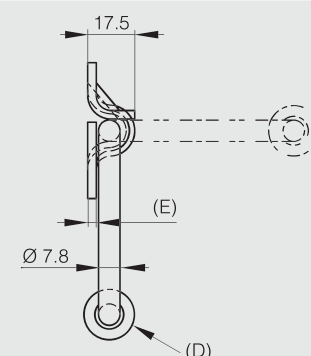
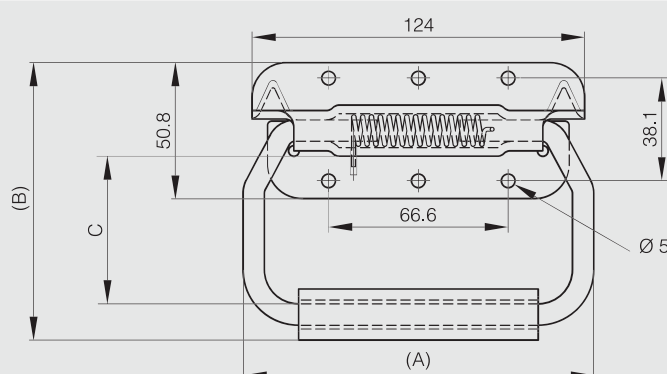
A special aluminium sleeve located between the rubber grip and the bail assures the grip will not ride up on the bail during lifting. Adds comfort and durability.

Fungus resistant neoprene.

Meets military specifications MIL.T.945, MIL.C.4150.

STEEL

Part number	Material	Finish	A	B	C	D	E	Weight (g)
19-7-3729	steel	zinc plated	130	101.6	50.8	14.2	2.3	275
19-7-3730	steel	zinc plated	130	104.1	50.8	19	2.3	285





Drop handles

Spring loaded drop handles

Recessed spring loaded drop handles 155.5 mm - load 57 kg

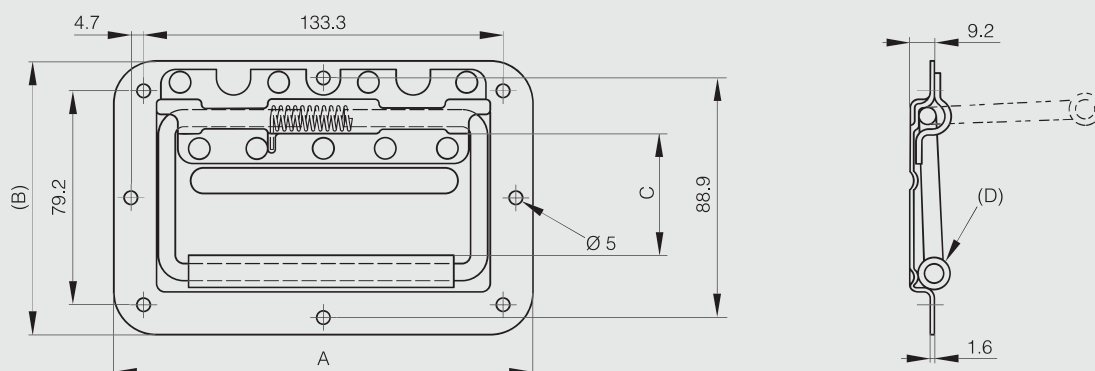
Maximum load: 57 kg.

With 90° stop.

Cut-out dimension: 78.7 x 132.

STEEL

Part number	Material	Finish	A	B	C	D	Weight (g)
19-7-3751	steel	zinc plated	152.4	101.6	42.9	19	385
19-7-3749	steel	zinc plated	155.5	101.6	46	13.5	385



Recessed spring loaded drop handles 177.8 mm - load 68 kg

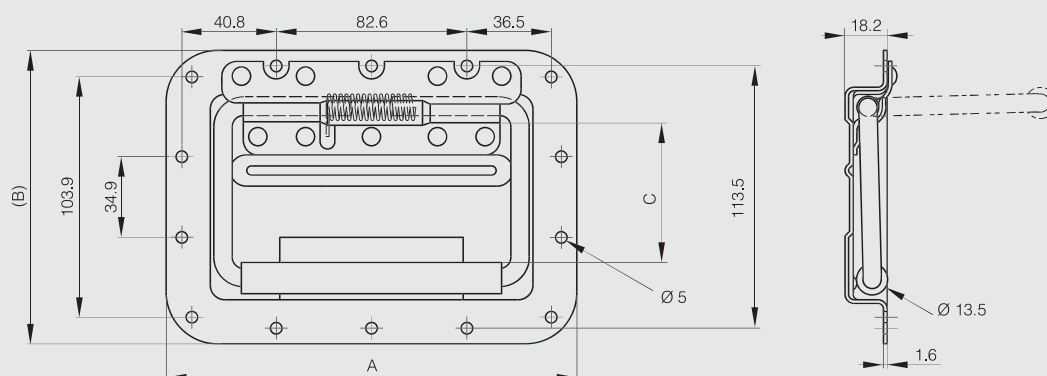
Maximum load: 68 kg.

With 90° stop.

Cut-out dimension: 99 x 146.

STEEL

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3756	steel	zinc plated	177.8	127	62	567





Flush handles 105 x 63.5 mm

This handle has 2 detents at 0° and 90°.

Maximum load: 100 kg/pair.

Handle is chrome plated.

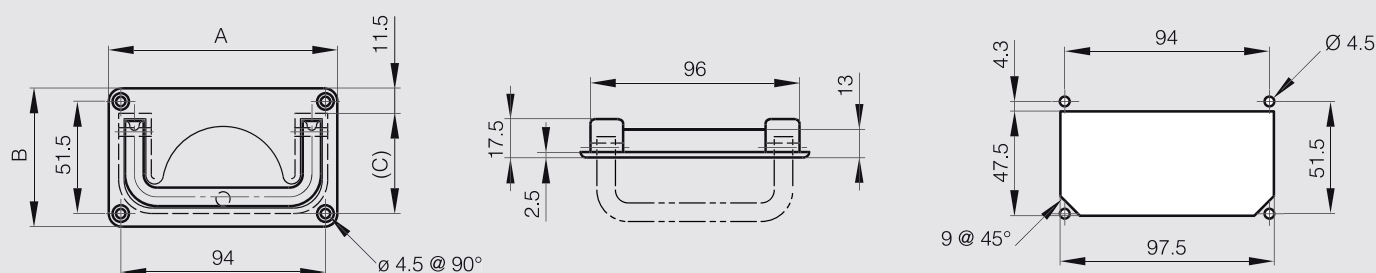
Delivered unassembled.

Assembled version: upon request.

ALU



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3605	aluminium	raw	105	63.5	17.5	123



Flush handle 120 x 91 mm

This handle has 2 detents at 0° and 90°.

Maximum load: 100 kg/pair.

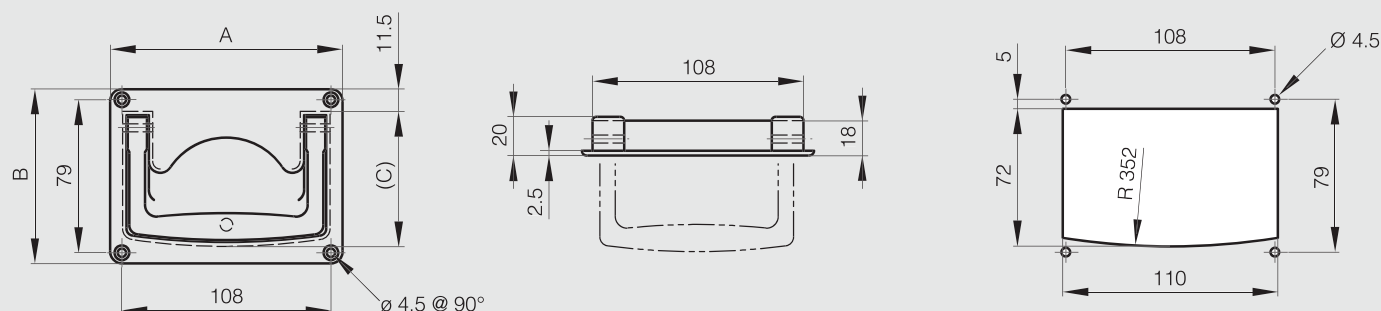
Delivered unassembled.

Assembled version: upon request.

ALU



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3338	aluminium	raw	120	91	71.5	145



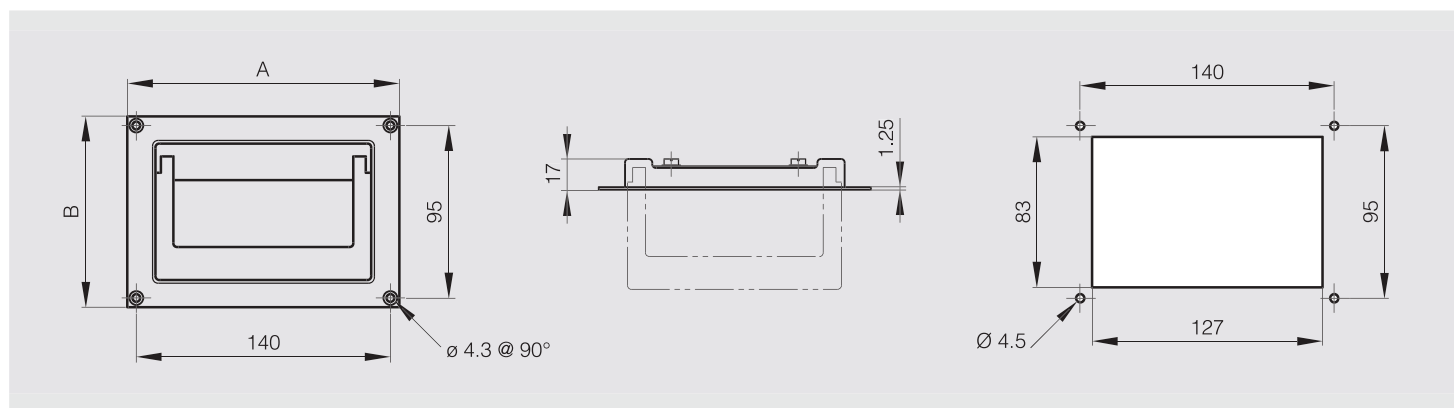


Flush handle 150 x 105 mm

This handle has 2 detents at 0° and 90°.
Maximum load: 100 kg/pair.
Delivered unassembled.
Cut-out dimension: 83 x 127.



Part number	Material	Finish	A	B	Weight (g)
19-7-3606	steel	zinc plated	150	105	450

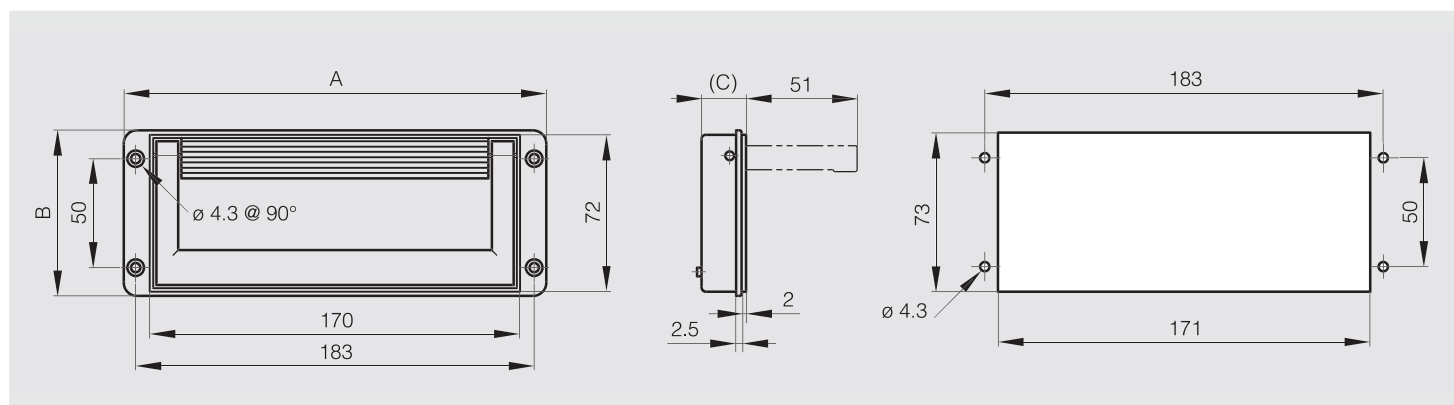


Flush handle 194 x 76 mm

This handle has 2 detents at 0° and 90°.
Maximum load: 100 kg/pair.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3643	zinc die-cast	silver varnish / black	194	76	20.5	310



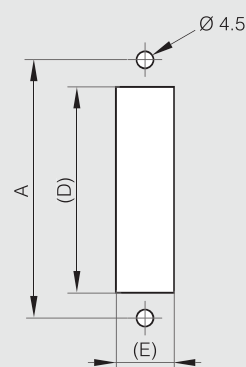
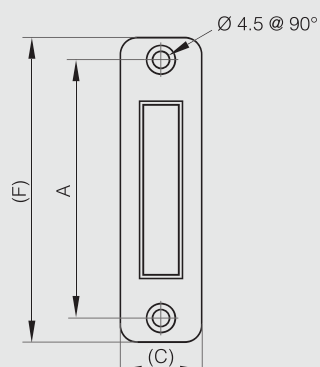
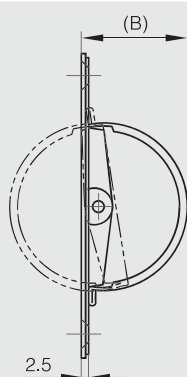


Screw-on flush handles

Retractable flush handles in stainless steel



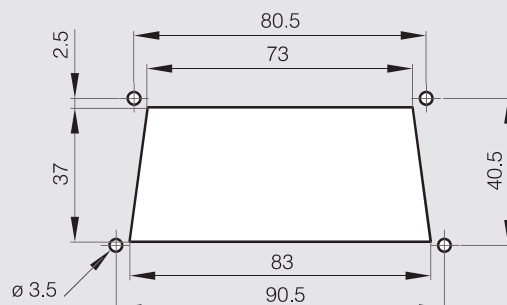
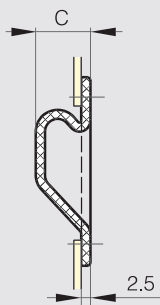
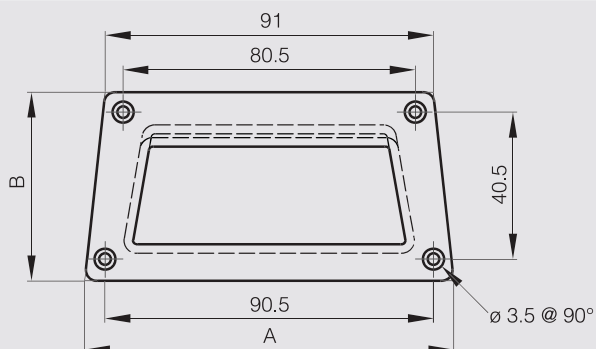
Part number	Material	Finish	A	B	C	D	E	F	Weight (g)
19-7-3813	304 stainless steel	satin	76	36	24	60	18	90	46
19-7-3814	304 stainless steel	satin	94	42	24	72	18	110	55



Screw-on flush handle 101 x 52 mm



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3642	ABS	grey	101	52	15	20



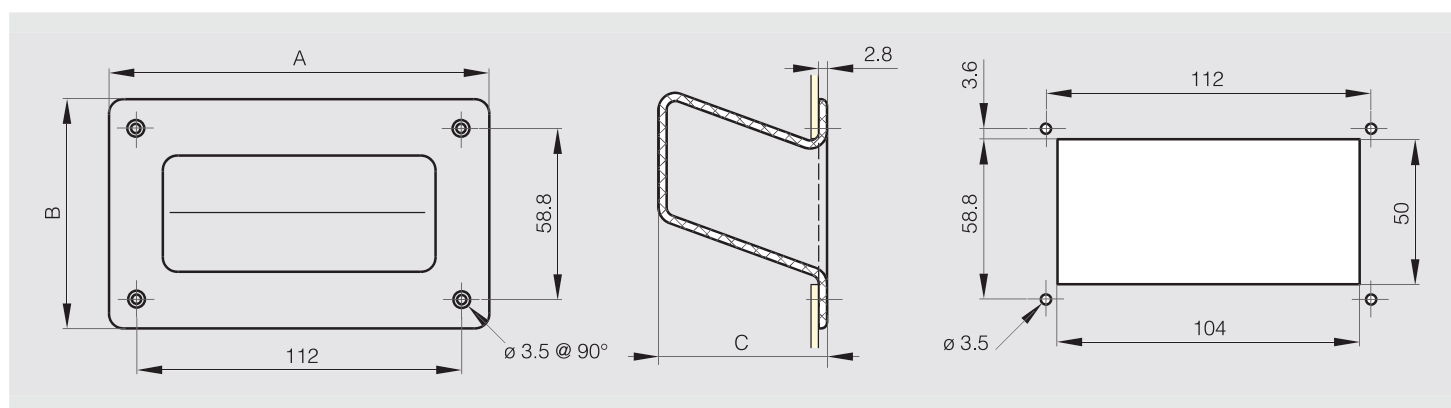


Screw-on flush handles

Screw-on flush handle 131 x 79 mm



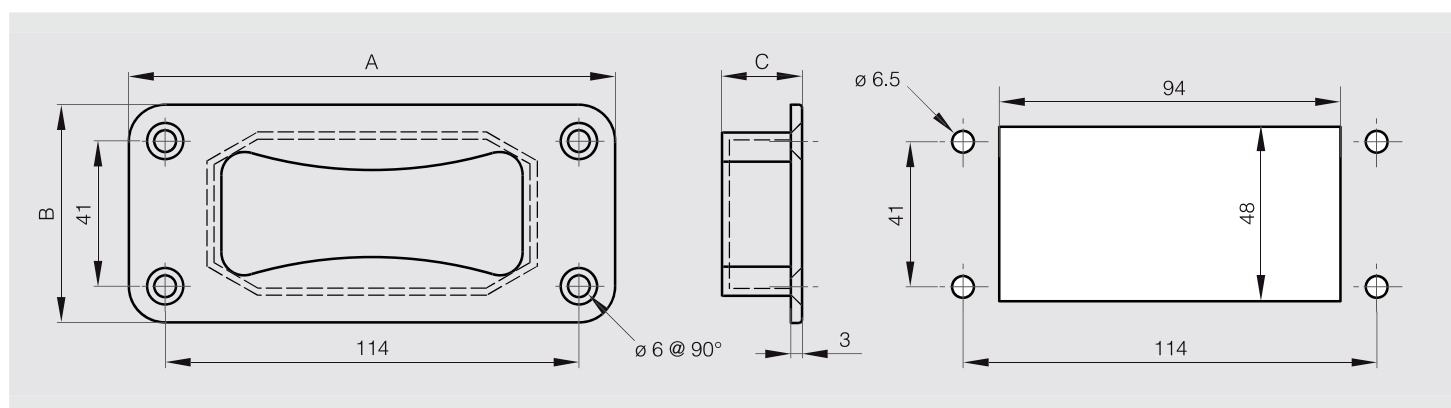
Part number	Material	Finish	A	B	C	Weight (g)
19-7-3667	ABS	black	131	79	58	45



Screw-on recessed grab handle



Part number	Material	Finish	A	B	C	Weight (g)
19-1-3815	polyamide	black	133	60	22	47

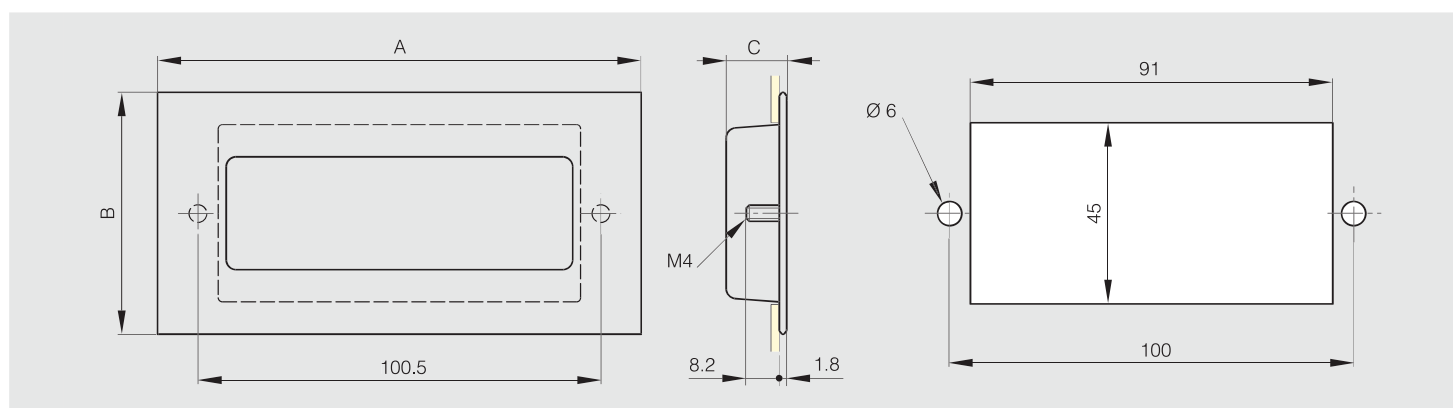




Bolt-on flush handle 120 x 60 mm



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3831	304 stainless steel	satin	120	60	15	54



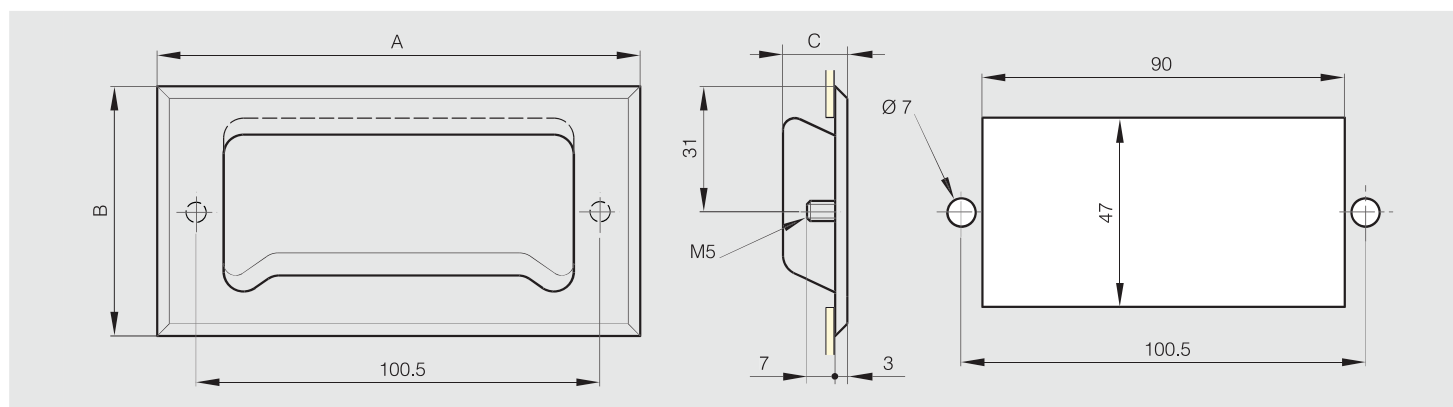
Bolt-on flush handle 120 x 62 mm

Bolt in copper plated steel.

Produced mainly in stainless steel, for a complete description of the materials contact us.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3832	304 stainless steel	satin	120	62	16	60



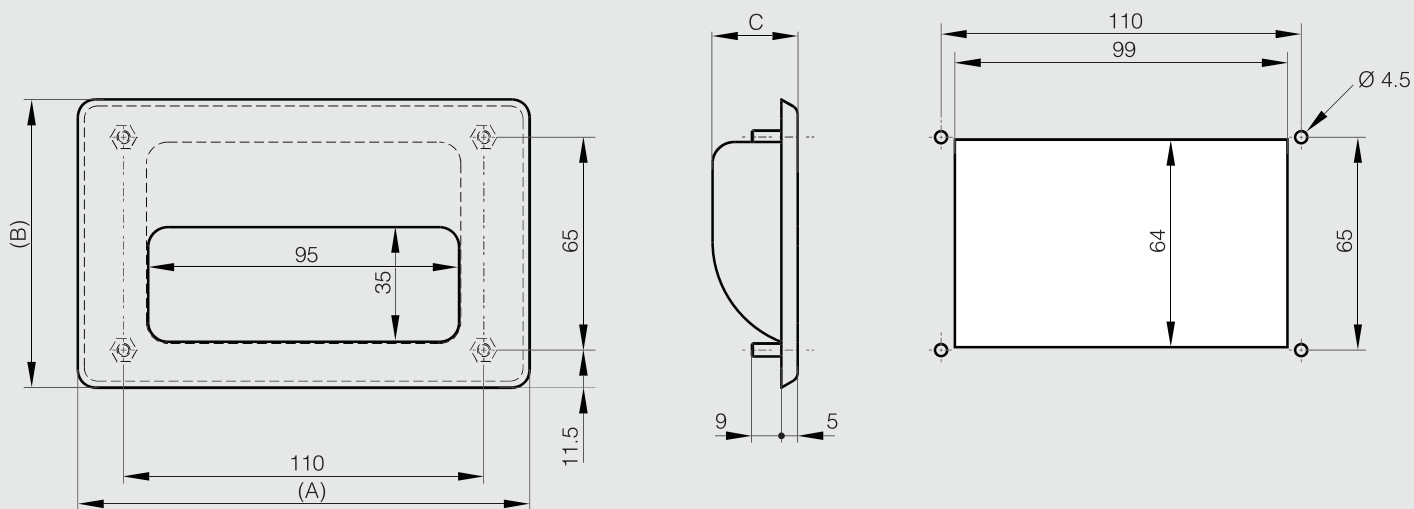


Bolt-on flush handle 138 x 88 mm

Stud in 304 stainless steel.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3845	304 stainless steel	satin	138	88	26	170





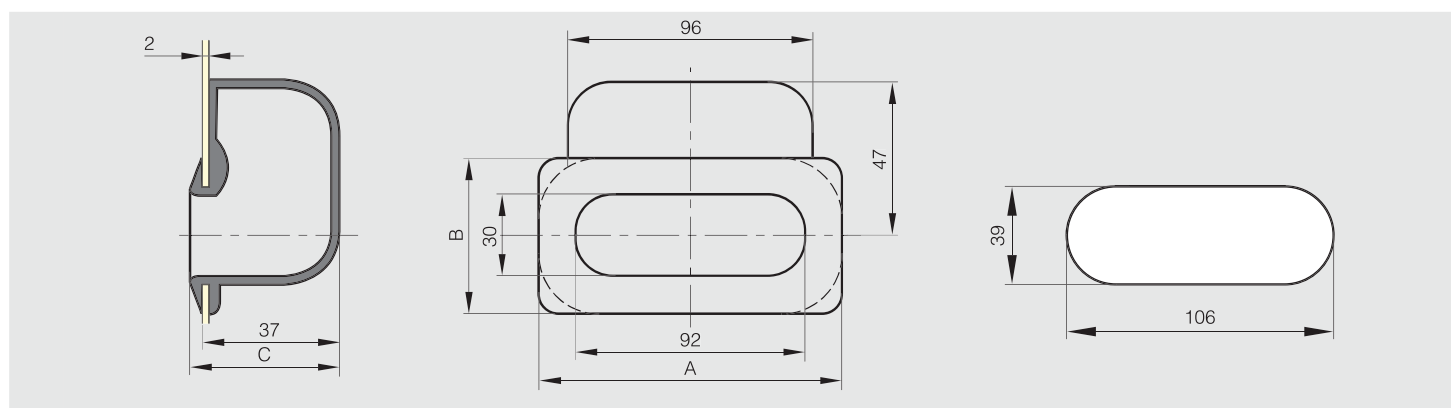
Snap-in flush handles

Recessed handle in elastomer

Snap-in in the cut-out.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3838	elastomer	black	120	58	43	95

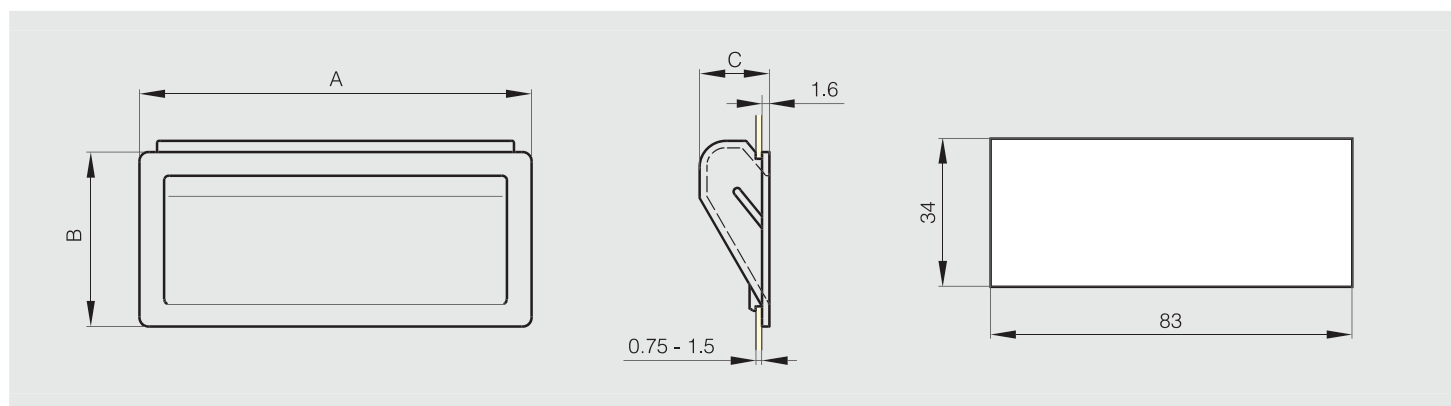


Snap-in flush handle 90 x 40 mm

Door thickness: 0.75 to 1.5 mm.



Part number	Material	Finish	A	B	C	Weight (g)
19-1-3687	ABS	black	90	40	16	11





Snap-in flush handles

Snap-in flush handles 137.4 x 37.4 mm or 140 x 36 mm

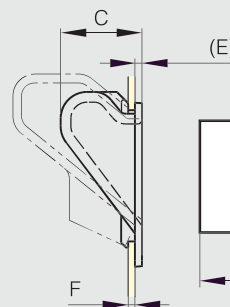
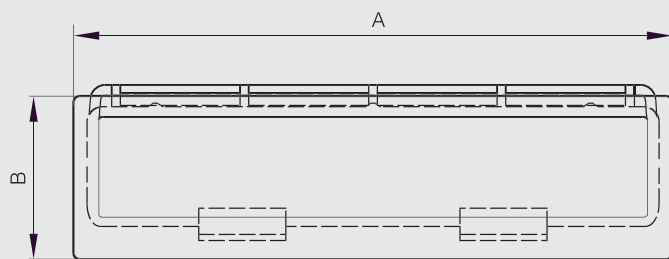
Part number 19-1-3830: cut-out 132 x 30.7 for material thickness from 0.8 to 1.5 mm.

Part number 19-7-3826: cut-out 132 x 30.7 for material thickness from 0.8 to 1.2 mm.

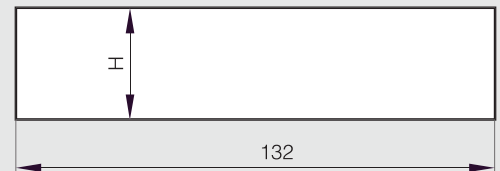
Part number 19-7-3826: cut-out 132 x 31.7 for material thickness from 1.2 to 1.5 mm.



Part number	Material	Finish	A	B	C	E	Weight (g)
19-1-3830	ABS	black	137.4	37.4	18.6	1.6	30
19-7-3826	polyamide	black	140	36	30	2.0	32



	F	H
19-1-3830	0.8 - 1.5	30.7
19-7-3826	0.8 - 1.2	30.7
	1.2 - 1.5	31.7





Flush handles with fixing clips

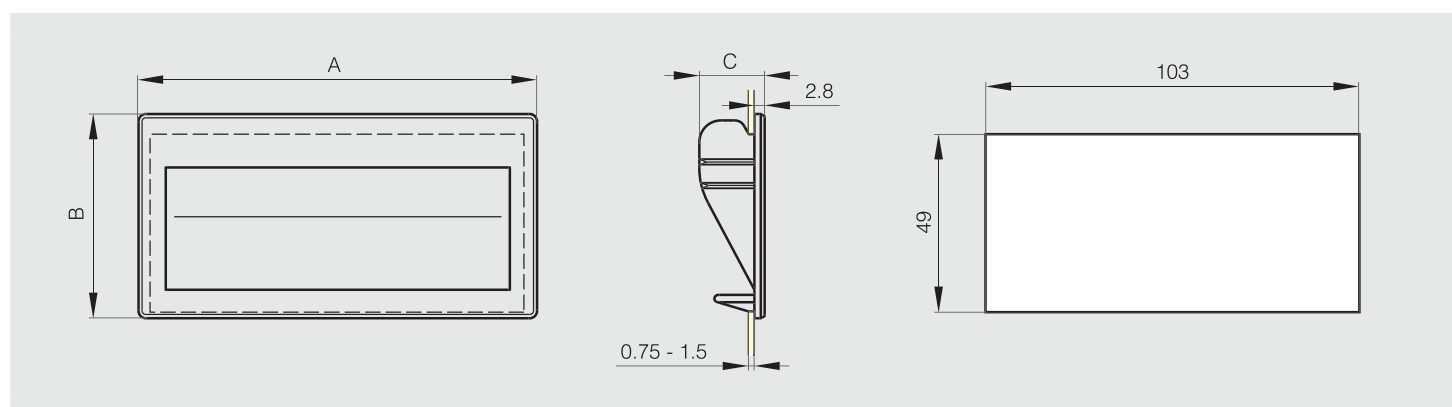
Flush handle with fixing clips 110 x 56.3 mm

Door thickness: 0.75 to 1.5 mm.

Supplied with fixing clips.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3688	ABS	black	110	56.3	18	32



Flush handle with fixing clips 187 x 79 mm

Door thickness: 1.5 to 2 mm.

Supplied with fixing clips.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3689	ABS	black	187	79	22	85

