

Metric



elesa
Original design EPR-SH/F-SH



2 Type

- O** Without closing flap
- S** With closing flap (only size b1 = 120)

Metric table

1											Dimensions in: millimeters / inches	
b ₁	b ₂	b ₃	h ₁	h ₂	l ₁	l ₂	l ₃	m ₁	F ₁	F ₂		
110 -1 4.33 -0.04	94 3.70	96 3.78	73 2.87	42 1.65	24 0.94	20 0.79	21.5 0.85	64 2.52	1300 N 292 lbf	500 N 112 lbf		
120 4.72	94 3.70	103 4.06	95 3.74	58 2.28	28.5 1.12	24 0.94	26.5 1.04	64 2.52	1200 N 270 lbf	400 N 89.92 lbf		

Specification 3

Handle

- Plastic, Polyamide (PA)
- Glass fiber reinforced
- Operating temperature -22 °F to +212 °F (-30 °C to +100 °C)
- Black-gray, matte finish RAL 7021

Closing flap (Type S)

Plastic, Polyamide (PA)
with stainless steel torque spring

Cover

- Plastic, Polyamide (PA)
- Black-gray, RAL 7021, matte finish
- Orange, RAL 2004, matte finish
- Gray, RAL 7035, matte finish
- Yellow, RAL 1021, matte finish
- Blue, RAL 5024, matte finish
- Red, RAL 3000, matte finish
- Green, RAL 6017, matte finish

- **DSG**
- **DOR**
- **DGR**
- **DGB**
- **DBL**
- **DRT**
- **DGN**

Self-tapping screws ISO 7050

Stainless steel AISI 304

RoHS

On request

- Various metric size fasteners and kit packaging

The removable cover plate of gripping trays EN 733 shrouds the mounting screws. The values of the load capacities F₁ and F₂ were tested with a material wall thickness s = 1.5 mm.

see also...

	Page
EN 731 Gripping Trays (Clip-In Type)	QVX
EN 731.1 Gripping Trays (Clip-In Type)	QVX

Technical Information

Product Family Ergostyle®	QVX
Mounting Information	QVX
Plastic Characteristics	QVX

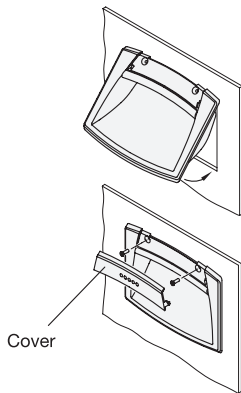
How to order

EN 733-110-O-DSG

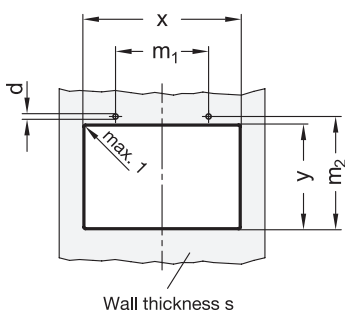
- 1 Tray width b₁
- 2 Type
- 3 Color of the cover



Mounting Information



- 1) Drill the handle housing according to the template dimensions reported in the table.
- 2) Remove all drill hole burrs before assembling the handle.
- 3) Fit the upper part of the handle into the housing and press onto the lower part until firmly in place.
- 4) Gently push the handle downward.
- 5) Screw in the two self-tapping screws.
- 6) Assemble the screw cover by pressing on the lateral sides first and finally on the central part.



Wall thickness s	d ±0.02		for $b_1 = 110$				for $b_1 = 120$			
	for self-tapping screw	for M3	x	y	m₁	m₂	x	y	m₁	m₂
1 ... 1.2 0.04 ... 0.05	2.5 0.098		+0.2 3.94	+0.5 2.05	±0.1 2.52	±0.1 2.19	+0.2 4.23	+0.5 2.87	±0.1 2.52	±0.1 3.02
> 1.2 ... 1.5 0.05 ... 0.06	2.55 0.1	Core hole drilling 2.5 mm (0.098 in) Through bore-hole 3.2 mm (0.126 in)	100.5 3.94	52.2 2.06	64 2.52	55.5 2.19	107.5 4.23	73 2.87	64 2.52	77 3.03
> 1.5 ... 2 0.06 ... 0.08	2.6 0.102		100.5 3.94	52.5 2.07	64 2.52	56 2.20	107.5 4.23	73 2.87	64 2.52	77.2 3.04
> 2 ... 2.5 0.06 ... 0.08	2.65 0.104		100.5 3.94	52.7 2.08	64 2.52	56.2 2.21	107.5 4.23	74 2.91	64 2.52	77.5 3.05
> 2.5 ... 3 0.08 ... 0.12	2.65 0.104		100.5 3.94	53 2.09	64 2.52	56.5 2.22	107.5 4.23	74 2.91	64 2.52	77.8 3.06
> 3 ... 3.5 0.12 ... 0.14	2.7 0.106		100.5 3.94	53.2 2.1	64 2.52	56.7 2.23	107.5 4.23	74 2.91	64 2.52	78.1 3.07
> 3.5 ... 4 0.14 ... 0.16	2.7 0.106		100.5 3.94	53.4 2.1	64 2.52	56.9 2.24	107.5 4.23	75 2.95	64 2.52	78.4 3.09
> 4 ... 4.5 0.16 ... 0.18	2.7 0.106		100.5 3.94	53.6 2.11	64 2.52	57.1 2.25	107.5 4.23	75 2.95	64 2.52	78.7 3.1
> 4.5 ... 5 0.18 ... 0.2	2.7 0.106		100.5 3.94	53.8 2.12	64 2.52	57.3 2.26	107.5 4.23	75 2.95	64 2.52	79 3.11