

**2** Type

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

**Metric table**



Dimensions in: millimeters - inches

b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	h <sub>1</sub>	h <sub>2</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	m <sub>1</sub>	F <sub>1</sub>	F <sub>2</sub>
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**



- Plastic  
Technopolymer (Polyamide PA)  
- Glass fiber reinforced  
- Temperature resistant up to 212 °F (100 °C)  
- Black-gray, RAL 7021, matte finish
- Closing flap (Type S)  
with stainless steel torque spring
- Color of the cover (matte finish):
 

● DSG
● DOR
● DGR
● DGB
● DBL
● DRT
● DGN

• Plastic Characteristics → page 2135

• RoHS compliant

**On request**

- Various metric size fasteners and kit packaging

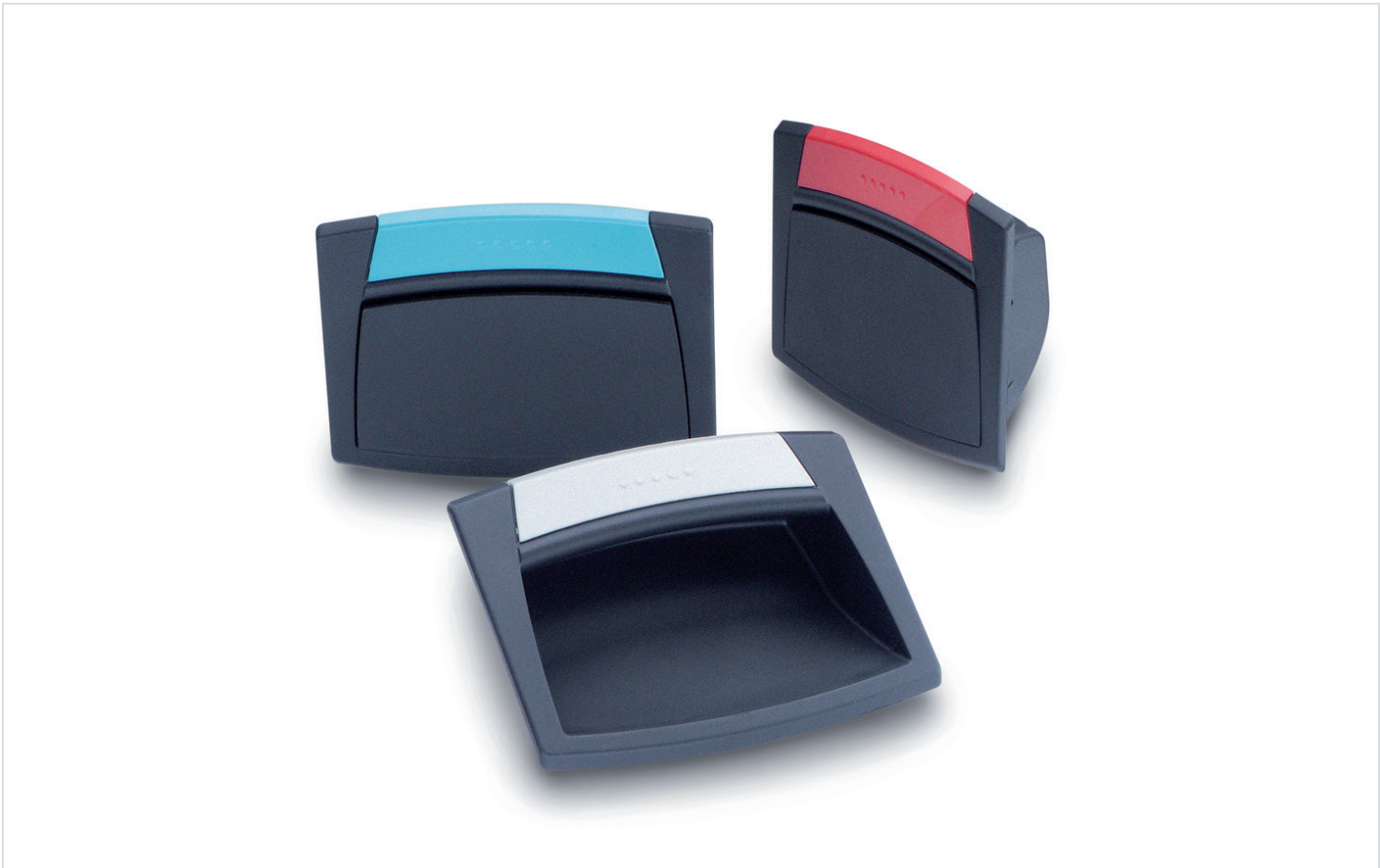
**Information**

The removable cover plate of EN 733 gripping trays shrouds the mounting screws. The values of the load capacities F<sub>1</sub> and F<sub>2</sub> were tested with a material wall thickness s = 1.5 mm.

see also...

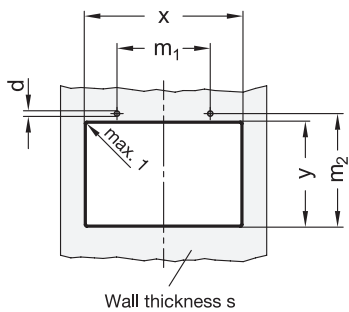
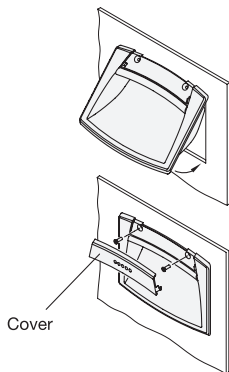
- Product Family Ergostyle® → page 18
- Gripping Trays EN 731 (Technopolymer Plastic, Clip-In Type) → page 198

How to order	1 Tray width b <sub>1</sub>
<b>EN 733-120-S-DSG</b>	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.



s Wall thickness	d ±0.02 For self-tapping screw	For M3	m <sub>1</sub> ±0.1			m <sub>2</sub> ±0.1		x +0.2		y +0.5	
			b <sub>1</sub> =110 b <sub>1</sub> =120	b <sub>1</sub> =110	b <sub>1</sub> =120	b <sub>1</sub> =110	b <sub>1</sub> =120	b <sub>1</sub> =110	b <sub>1</sub> =120		
1 ... 1.2 0.04 ... 0.05	2.5 0.098	Core hole drilling 2.5 mm (0.098 in) Through-bore hole 3.2 mm (0.126 in)	64 2.52	55.5 2.19	76.8 3.02	100 3.94	107.5 4.23	52 2.05	73 2.87		
> 1.2 ... 1.5 0.05 ... 0.06	2.55 0.1		64 2.52	55.5 2.19	77 3.03	100 3.94	107.5 4.23	52.2 2.06	73 2.87		
> 1.5 ... 2 0.06 ... 0.08	2.6 0.102		64 2.52	56 2.20	77.2 3.04	100 3.94	107.5 4.23	52.5 2.07	73 2.87		
> 2 ... 2.5 0.06 ... 0.08	2.65 0.104		64 2.52	56.2 2.21	77.5 3.05	100 3.94	107.5 4.23	52.7 2.08	74 2.91		
> 2.5 ... 3 0.08 ... 0.12	2.65 0.104		64 2.52	56.5 2.22	77.8 3.06	100 3.94	107.5 4.23	53 2.09	74 2.91		
> 3 ... 3.5 0.12 ... 0.14	2.7 0.106		64 2.52	56.7 2.23	78.1 3.07	100 3.94	107.5 4.23	53.2 2.1	74 2.91		
> 3.5 ... 4 0.14 ... 0.16	2.7 0.106		64 2.52	56.9 2.24	78.4 3.09	100 3.94	107.5 4.23	53.4 2.1	75 2.95		
> 4 ... 4.5 0.16 ... 0.18	2.7 0.106		64 2.52	57.1 2.25	78.7 3.1	100 3.94	107.5 4.23	53.6 2.11	75 2.95		
> 4.5 ... 5 0.18 ... 0.2	2.7 0.106		64 2.52	57.3 2.26	79 3.11	100 3.94	107.5 4.23	53.8 2.12	75 2.95		

1.1  
1.2  
1.3  
1.4  
2.1  
2.2  
2.3  
2.4

