



Metric



elesa
Original design CFM-VD/MD

SS Stainless Steel MD VD FDA

Type
A 2x2 bores for countersunk screws

Metric table

Dimensions in: millimeters - inches

¹ l_1	² l_2	d_1	d_2	h_1	h_2	h_3	$h_4 \approx$	l_3	$m_1 \pm 0.2$	$m_2 \pm 0.2$
40 <i>1.57</i>	40 <i>1.57</i>	5.5 <i>0.22</i>	4 <i>0.16</i>	9 <i>0.35</i>	5 <i>0.20</i>	5.5 <i>0.22</i>	11 <i>0.43</i>	14 <i>0.55</i>	25 <i>0.98</i>	25 <i>0.98</i>
50 <i>1.97</i>	50 <i>1.97</i>	6.5 <i>0.26</i>	6 <i>0.24</i>	11.5 <i>0.45</i>	6 <i>0.24</i>	6.5 <i>0.26</i>	13 <i>0.51</i>	18 <i>0.71</i>	30 <i>1.18</i>	30 <i>1.18</i>

Specification

- Body
Plastic
Technopolymer (Polyamide PA)
- Glass fiber reinforced
- Temperature resistant up to 176 °F (80 °C)
- FDA compliant plastic granulate
- Blue, RAL 5005, matte finish
- Visually detectable ● **VDB**
- Body
Plastic
Technopolymer (Polyamide PA)
- Glass fiber reinforced
- Temperature resistant up to 176 °F (80 °C)
- FDA compliant plastic granulate
- Metal detectable additives
- Blue, RAL 5001, matte finish
- Metal detectable ● **MDB**
- Pin
Stainless steel AISI 303
- *Load Rating Information* → page 2095
- *Plastic Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- *RoHS compliant*

Information

EN 237.1 hinges are made of blue plastic granulate that is FDA compliant as per FDA CFR.21 and EU 10/2011 as well as visually detectable or metal detectable.

The blue color is especially easy to see with the human eye and is also easy to detect with optical monitoring systems. This allows monitoring of the production process, such as in food production, so that the process can be interrupted if foreign bodies are detected.

The plastic of version MDB contains metal detectable additives. Metal detectors will be triggered by this material from a particle volume of about 0.125 cm³, meaning that even hidden plastic chips can be detected.

see also...

- *List of Hinge Types* → page 1324
- *Product Family Standard Parts made of Detectable Plastics* → page 2134
- *Hinges EN 237.1 (Plastic)* → page 1334
- *Hinges GN 237 (Zinc Die-Cast / Aluminum / Stainless Steel)* → page 1330

How to order	
¹	Width l_1
²	Length l_2
³	Type
⁴	Material / Finish

EN 237.1-50-50-A-VDB

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

