



Metric table

Dimensions in: millimeters - inches						
d ₁	d ₂ Thread	Length l		d ₃	h ₁	h ₂
40 1.57	M 8	20 0.79	30 1.18	16 0.63	27 1.06	13.5 0.53
50 1.97	M 10	30 1.18	40 1.57	19 0.75	30 1.18	15 0.59

Specification

- Body
Plastic
Technopolymer (Polyamide PA)
- Glass fiber reinforced
- Temperature resistant up to 266 °F (130 °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 266 °F (130 °C)
- FDA compliant plastic granulate
- Metal detectable additives
- Blue, RAL 5001, matte finish
- Metal detectable **MDB**
- Threaded stud
Stainless steel AISI 303
- *Plastic Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- RoHS compliant

Information

EN 5342 three-lobed knobs 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...

- *Product Family Standard Parts made of Detectable Plastics* → page 2134
- *Three-Lobed Knobs EN 5342 (Plastic, with Stainless Steel Threaded Stud)* → page 646
- *Solid Five-Lobed Knobs EN 5337.4 (Plastic, with Stainless Steel Threaded Stud)* → page 608

How to order	
1	Knob diameter d ₁
2	Thread d ₂
3	Length l
4	Material / Finish

EN 5342-50-M10-30-VDB