



¹ d ₁	² d ₂	³ Length l		d ₃	h ₁	h ₂
40	M 8	20	30	16	27	13,5
50	M 10	30	40	19	30	15

Specification

- Plastic Technopolymer (Polyamide PA)
 - Glass fiber reinforced
 - Temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - Blue, RAL 5005, matte finish
 - Visually detectable ● VDB
- Plastic Technopolymer (Polyamide PA)
 - Glass fiber reinforced
 - Temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - Metal detectable additive
 - Blue, RAL 5001, matte finish
 - Metal detectable ● MDB
- Threaded stud Stainless steel AISI 303
- *Plastic Characteristics* → Page 2158
- *Stainless Steel Characteristics* → Page 2166
- RoHS

Information

Three-lobed knob screws GN 5342 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 type MDB also contains metal detectable additives. Metal detectors will be triggered by this material as of 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 2157
- *Three-Lobed Knob Screws GN 5342 (Plastic, Threaded Stud Stainless Steel)* → Page 595
- *Star Knobs with Threaded Stud GN 5337.4 (Technopolymer, Threaded Stud Stainless Steel)* → Page 565

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