



**SS** Stainless Steel

**Metric table**

Dimensions in: millimeters - inches

d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	h	k
M 5	20 0.79	14 0.55	5.3 0.21	12 0.47	8 0.31
M 6	24 0.94	16 0.63	6.7 0.26	14 0.55	10 0.39
M 8	30 1.18	20 0.79	8.7 0.34	17 0.67	12 0.47
M 10	36 1.42	28 1.10	11 0.43	20 0.79	14 0.55
M 12	40 1.57	32 1.26	13 0.51	24 0.94	16 0.63

**Specification**

- Steel —
- Property class 5
- Blackened finish
- Stainless steel AISI 303 **NI**  
Matte shot-blasted finish
- *Strength Values of Nuts* → page 2127
- *Stainless Steel Characteristics* → page 2143
- *RoHS compliant*

**Information**

GN 6303.1 quick release knurled nuts are used in such applications where the nut has to be completely removed after the releasing operation and mounted again rapidly for re-clamping.

The nut is tilted over the threaded spindle. When in position, the nut is brought into a straight position for mating of the two threads on the nut and spindle. The nut will then have to be turned only by a fraction of a rotation to achieve clamping.

Functional safety exists only if the clamping surface lies at a right angle to the threaded bolt.

see also...

- *Quick Release Star Knobs GN 6336.3* → page 717

How to order (Steel)	
<b>GN 6303.1-M8</b>	1 Thread d <sub>1</sub>
How to order (Stainless steel)	
<b>GN 6303.1-M12-NI</b>	1 Thread d <sub>1</sub>
	2 Material