



SS Stainless Steel

Metric table

Dimensions in: millimeters - inches

d ₁ Thread	d ₂	d ₃	d ₄	h	k
M 5	20 .79	14 .55	5.3 .21	12 .47	8 .31
M 6	24 .94	16 .63	6.7 .26	14 .55	10 .39
M 8	30 1.18	20 .79	8.7 .34	17 .67	12 .47
M 10	36 1.42	28 1.10	11 .43	20 .79	14 .55
M 12	40 1.57	32 1.26	13 .51	24 .94	16 .63

Specification

- Steel —
- Tensile strength class 5
- Blackened finish
- Stainless steel **NI**
- European Standard No. 1.4305 (AISI 303)
- Matte shot-blasted finish
- 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

How to order (Steel)	1 Thread d ₁
GN 6303.1-M8	

How to order (Stainless steel)	1 Thread d ₁
GN 6303.1-M12-NI	2 Material