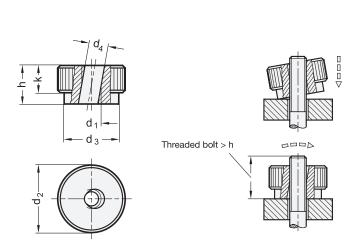
## Quick release knurled nuts









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d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	h	k
M 5	20	14	5,3	12	8
M 6	24	16	6,7	14	10
M 8	30	20	8,7	17	12
M 10	36	28	11	20	14
M 12	40	32	13	24	16

## Specification

- Steel
- Tensile strength class 5
- blackened Stainless Steel AISI 303
- NI matte shot-blasted
- Strength values of nuts → Page 1481
- Stainless Steel characteristics → Page 1489
- RoHS compliant

## Information

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

The nut is tilted over the threaded spindle. When in position, the nut is brought into a straight position for meshing of the two threads on 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 404

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