

Quick release knurled nuts

SPECIFICATION

Version in Steel

- Tensile strength class 5
- blackened

Version in Stainless Steel AISI 303 NI

- matte shot-blasted

INFORMATION

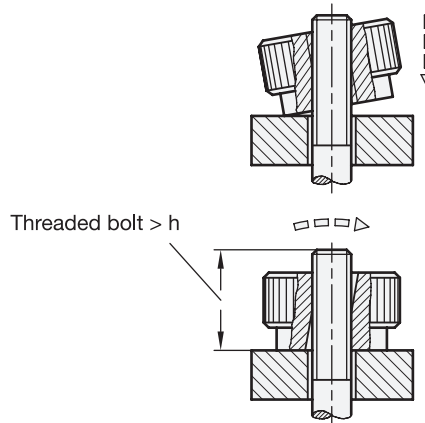
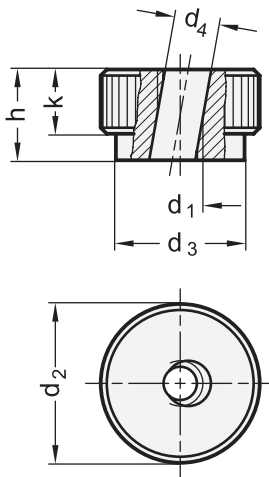
Quick release knurled nuts GN 6303.1 are used in such applications where the nut has to be completely removed after the releasing operation and re-fitted rapidly for re-clamping.

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.

TECHNICAL INFORMATION

- Strength values of screws (see page A20)
- Stainless Steel characteristics (see page A26)



GN 6303.1

Description	d1	d2	d3	d4	h	k	⚖️
GN 6303.1-M5	M 5	20	14	5.3	12	8	21
GN 6303.1-M6	M 6	24	16	6.7	14	10	35
GN 6303.1-M8	M 8	30	20	8.7	17	12	70
GN 6303.1-M10	M 10	36	28	11	20	14	120
GN 6303.1-M12	M 12	40	32	13	24	16	179

GN 6303.1-NI

STAINLESS STEEL

Description	d1	d2	d3	d4	h	k	⚖️
GN 6303.1-M5-NI	M 5	20	14	5.3	12	8	22
GN 6303.1-M6-NI	M 6	24	16	6.7	14	10	37
GN 6303.1-M8-NI	M 8	30	20	8.7	17	12	72
GN 6303.1-M10-NI	M 10	36	28	11	20	14	126
GN 6303.1-M12-NI	M 12	40	32	13	24	16	182

