

Knurled Screws

**Steel / Stainless Steel, with Thin Shank for
Loss Prevention, High Type**

SPECIFICATION

Steel

- Property class 5
- Visible face precision turned
- Zinc plated, blue passivated **ZB**

Stainless steel AISI 303 NI

Matte shot-blasted

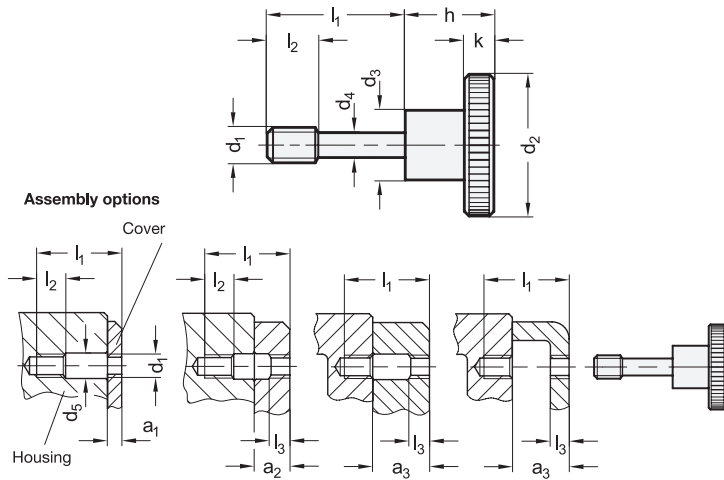
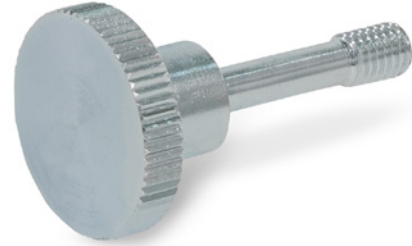
INFORMATION

Knurled screws GN 464.2 are used, for example, to fasten machine covers. The shank d_4 provides simple loss prevention. Instead of a through-hole, this requires a second thread d_1 , potentially with a corresponding clearance bore d_5 .

Depending on the design and required clamping thickness $a_1 \dots a_3$ of the cover, there are a number of assembly options as shown.

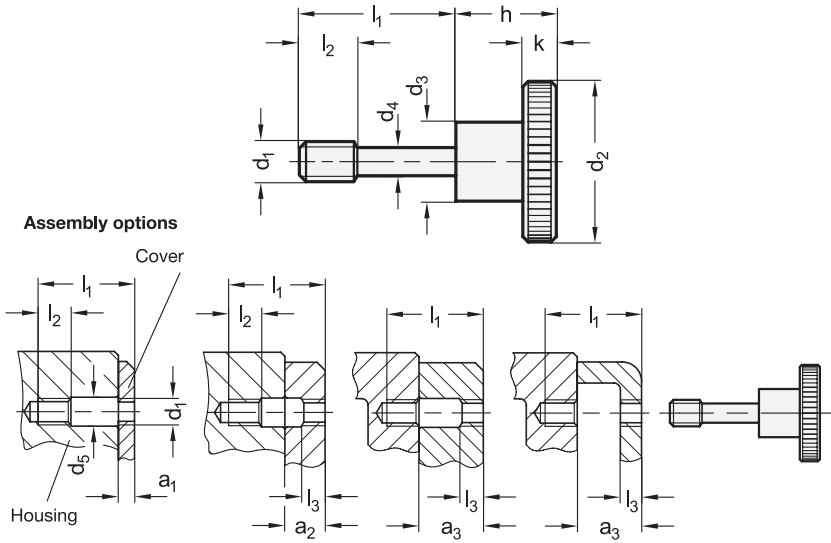
TECHNICAL INFORMATION

- Strength Values of Screws (see page A20)
- Stainless Steel Characteristics (see page A26)



GN 464.2-ZB

Description	d1	l1	a1	a2	a3	d2	d3	d4 -0.2	d5	h	k	l2	l3	⚖
GN 464.2-M4-15-ZB	M 4	15	2...4	4...8	8...10	16	8	3.2	4.5	9.5	3.5	5	2	9
GN 464.2-M4-17-ZB	M 4	17	4...6	6...10	10...12	16	8	3.2	4.5	9.5	3.5	5	2	9
GN 464.2-M4-19-ZB	M 4	19	6...8	8...12	12...14	16	8	3.2	4.5	9.5	3.5	5	2	9
GN 464.2-M4-21-ZB	M 4	21	8...10	10...14	14...16	16	8	3.2	4.5	9.5	3.5	5	2	9
GN 464.2-M5-18-ZB	M 5	18	2.5...4	4...10.5	10.5...12	20	10	4	5.5	11.5	4	6	2.5	16
GN 464.2-M5-20-ZB	M 5	20	4...6	6...12	12...14	20	10	4	5.5	11.5	4	6	2.5	16
GN 464.2-M5-22-ZB	M 5	22	6...8	8...14	14...16	20	10	4	5.5	11.5	4	6	2.5	16
GN 464.2-M5-26-ZB	M 5	26	8...12	12...16	16...18	20	10	4	5.5	11.5	4	6	2.5	17
GN 464.2-M6-24-ZB	M 6	24	3...6	6...13	13...16	24	12	4.8	6.5	15	5	8	3	30
GN 464.2-M6-26-ZB	M 6	26	6...8	8...16	16...18	24	12	4.8	6.5	15	5	8	3	30
GN 464.2-M6-30-ZB	M 6	30	8...12	12...18	18...22	24	12	4.8	6.5	15	5	8	3	31
GN 464.2-M6-34-ZB	M 6	34	12...16	16...22	22...26	24	12	4.8	6.5	15	5	8	3	31
GN 464.2-M8-30-ZB	M 8	30	4...8	8...16	16...20	30	16	6.5	8.5	18	6	10	4	60
GN 464.2-M8-34-ZB	M 8	34	8...12	12...20	20...24	30	16	6.5	8.5	18	6	10	4	61
GN 464.2-M8-38-ZB	M 8	38	12...16	16...24	24...28	30	16	6.5	8.5	18	6	10	4	62
GN 464.2-M8-42-ZB	M 8	42	16...20	20...28	28...32	30	16	6.5	8.5	18	6	10	4	63



GN 464.2-NI														STAINLESS STEEL	
Description	d1	l1	a1	a2	a3	d2	d3	d4 -0.2	d5	h	k	l2	l3	⚖	
GN 464.2-M4-15-NI	M 4	15	2...4	4...8	8...10	16	8	3.2	4.5	9.5	3.5	5	2	9	
GN 464.2-M4-17-NI	M 4	17	4...6	6...10	10...12	16	8	3.2	4.5	9.5	3.5	5	2	9	
GN 464.2-M4-19-NI	M 4	19	6...8	8...12	12...14	16	8	3.2	4.5	9.5	3.5	5	2	9	
GN 464.2-M4-21-NI	M 4	21	8...10	10...14	14...16	16	8	3.2	4.5	9.5	3.5	5	2	9	
GN 464.2-M5-18-NI	M 5	18	2.5...4	4...10.5	10.5...12	20	10	4	5.5	11.5	4	6	2.5	16	
GN 464.2-M5-20-NI	M 5	20	4...6	6...12	12...14	20	10	4	5.5	11.5	4	6	2.5	17	
GN 464.2-M5-22-NI	M 5	22	6...8	8...14	14...16	20	10	4	5.5	11.5	4	6	2.5	17	
GN 464.2-M5-26-NI	M 5	26	8...12	12...16	16...18	20	10	4	5.5	11.5	4	6	2.5	17	
GN 464.2-M6-24-NI	M 6	24	3...6	6...13	13...16	24	12	4.8	6.5	15	5	8	3	30	
GN 464.2-M6-26-NI	M 6	26	6...8	8...16	16...18	24	12	4.8	6.5	15	5	8	3	30	
GN 464.2-M6-30-NI	M 6	30	8...12	12...18	18...22	24	12	4.8	6.5	15	5	8	3	31	
GN 464.2-M6-34-NI	M 6	34	12...16	16...22	22...26	24	12	4.8	6.5	15	5	8	3	31	
GN 464.2-M8-30-NI	M 8	30	4...8	8...16	16...20	30	16	6.5	8.5	18	6	10	4	60	
GN 464.2-M8-34-NI	M 8	34	8...12	12...20	20...24	30	16	6.5	8.5	18	6	10	4	61	
GN 464.2-M8-38-NI	M 8	38	12...16	16...24	24...28	30	16	6.5	8.5	18	6	10	4	62	
GN 464.2-M8-42-NI	M 8	42	16...20	20...28	28...32	30	16	6.5	8.5	18	6	10	4	63	

