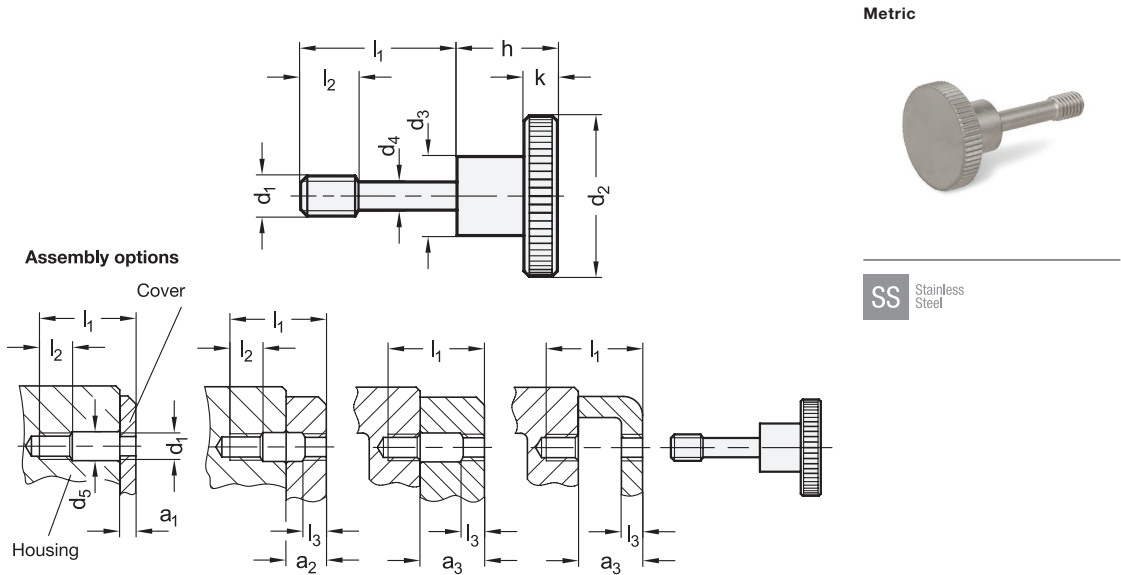




Metric table

Dimensions in: millimeters / inches												
d ₁	l ₁	a ₁ Min. ... max.	a ₂ Min. ... max.	a ₃ Min. ... max.	d ₂	d ₃	d ₄ -0.2	d ₅	h	k	l ₂	l ₃
M 4	15 0.59	2...4	4...8	8...10	16 0.63	8 0.31	3.2 0.126	4.5 0.18	9.5 0.37	3.5 0.14	5 0.20	2 0.08
M 4	17 0.67	4...6	6...10	10...12	16 0.63	8 0.31	3.2 0.126	4.5 0.18	9.5 0.37	3.5 0.14	5 0.20	2 0.08
M 4	19 0.75	6...8	8...12	12...14	16 0.63	8 0.31	3.2 0.126	4.5 0.18	9.5 0.37	3.5 0.14	5 0.20	2 0.08
M 4	21 0.83	8...10	10...14	14...16	16 0.63	8 0.31	3.2 0.126	4.5 0.18	9.5 0.37	3.5 0.14	5 0.20	2 0.08
M 5	18 0.71	2.5...4	4...10.5	10.5...12	20 0.79	10 0.39	4 0.157	5.5 0.22	11.5 0.45	4 0.16	6 0.24	2.5 0.10
M 5	20 0.79	4...6	6...12	12...14	20 0.79	10 0.39	4 0.157	5.5 0.22	11.5 0.45	4 0.16	6 0.24	2.5 0.10
M 5	22 0.87	6...8	8...14	14...16	20 0.79	10 0.39	4 0.157	5.5 0.22	11.5 0.45	4 0.16	6 0.24	2.5 0.10
M 5	26 1.02	8...12	12...16	16...18	20 0.79	10 0.39	4 0.157	5.5 0.22	11.5 0.45	4 0.16	6 0.24	2.5 0.10
M 6	24 0.94	3...6	6...13	13...16	24 0.94	12 0.47	4.8 0.189	6.5 0.26	15 0.59	5 0.20	8 0.31	3 0.12
M 6	26 1.02	6...8	8...16	16...18	24 0.94	12 0.47	4.8 0.189	6.5 0.26	15 0.59	5 0.20	8 0.31	3 0.12
M 6	30 1.18	8...12	12...18	18...22	24 0.94	12 0.47	4.8 0.189	6.5 0.26	15 0.59	5 0.20	8 0.31	3 0.12
M 6	34 1.34	12...16	16...22	22...26	24 0.94	12 0.47	4.8 0.189	6.5 0.26	15 0.59	5 0.20	8 0.31	3 0.12
M 8	30 1.18	4...8	8...16	16...20	30 1.18	16 0.63	6.5 0.256	8.5 0.33	18 0.71	6 0.24	10 0.39	4 0.16
M 8	34 1.34	8...12	12...20	20...24	30 1.18	16 0.63	6.5 0.256	8.5 0.33	18 0.71	6 0.24	10 0.39	4 0.16
M 8	38 1.50	12...16	16...24	24...28	30 1.18	16 0.63	6.5 0.256	8.5 0.33	18 0.71	6 0.24	10 0.39	4 0.16
M 8	42 1.65	16...20	20...28	28...32	30 1.18	16 0.63	6.5 0.256	8.5 0.33	18 0.71	6 0.24	10 0.39	4 0.16

Specification

Steel	
• Property class 5	
• Visible face precision turned	
• Zinc plated, blue passivated finish	ZB
Stainless steel AISI 303	NI
Matte shot-blasted finish	
RoHS	
Technical Information	Page
Strength Values of Screws	QVX
Stainless Steel Characteristics	QVX

Knurled thumb screws GN 464.2 are used, for example, to fasten machine covers. The shank d₄ provides simple loss prevention. Instead of a through-hole, this requires a second thread d₁, potentially with a corresponding clearance bore d₅.

Depending on the design and required clamping thickness a₁ ... a₃ of the cover, there are a number of assembly options as shown.

see also...	Page
DIN 464 Knurled Thumb Screws (High Type)	QVX
GN 653.2 Knurled Thumb Screws (with Thin Shank for Loss Protection, Flat Type)	QVX

How to order	1 Thread d ₁
	2 Length l ₁
	3 Material / Finish
GN464.2-M8-42-NI	