



SS Stainless Steel

Metric table

Dimensions in: millimeters - inches

¹ d ₁	² l ₁	a ₁	a ₂	a ₃	d ₂	d ₃ -0.3	d ₄	k	l ₂	l ₃	A/F
M 3	12 0.47	1.5-3 0.06-0.12	3-6.5 0.12-0.26	6.5-8 0.26-0.31	5.5 0.22	2.2 0.09	3.5 0.14	3 0.12	4 0.16	1.5 0.06	2.5
M 3	16 0.63	3-7 0.12-0.28	7-8 0.28-0.31	8-12 0.31-0.47	5.5 0.22	2.2 0.09	3.5 0.14	3 0.12	4 0.16	1.5 0.06	2.5
M 4	16 0.63	2-5 0.08-0.20	5-8 0.20-0.31	8-11 0.31-0.43	7 0.28	3 0.12	4.5 0.18	4 0.16	5 0.20	2 0.08	3
M 4	20 0.79	5-9 0.20-0.35	9-11 0.35-0.43	11-15 0.43-0.60	7 0.28	3 0.12	4.5 0.18	4 0.16	5 0.20	2 0.08	3
M 5	20 0.79	2.5-6 0.10-0.24	6-10.5 0.24-0.41	10.5-14 0.41-0.55	8.5 0.33	3.9 0.15	5.5 0.22	5 0.20	6 0.24	2.5 0.10	4
M 5	25 0.98	6-11 0.24-0.43	11-14 0.43-0.55	14-19 0.55-0.75	8.5 0.33	3.9 0.15	5.5 0.22	5 0.20	6 0.24	2.5 0.10	4
M 6	25 0.98	3-7 0.12-0.28	7-13 0.28-0.51	13-17 0.51-0.67	10 0.39	4.5 0.18	6.5 0.26	6 0.24	8 0.31	3 0.12	5
M 6	30 1.18	7-12 0.28-0.47	12-17 0.47-0.67	17-22 0.67-0.87	10 0.39	4.5 0.18	6.5 0.26	6 0.24	8 0.31	3 0.12	5
M 8	30 1.18	4-8 0.16-0.31	8-16 0.31-0.63	16-20 0.63-0.79	13 0.51	6.3 0.25	8.5 0.33	8 0.31	10 0.39	4 0.16	6
M 8	35 1.38	8-13 0.31-0.51	13-20 0.51-0.79	20-25 0.79-0.98	13 0.51	6.3 0.25	8.5 0.33	8 0.31	10 0.39	4 0.16	6
M 8	40 1.57	13-18 0.51-0.71	18-25 0.71-0.98	25-30 0.98-1.18	13 0.51	6.3 0.25	8.5 0.33	8 0.31	10 0.39	4 0.16	6

Specification

- Stainless steel AISI 304 **NI**
- *Stainless Steel Characteristics* → page 2143
- RoHS compliant

Information

GN 912.2 socket cap screws can be used to prevent loss of the screw due to the d₃ recessed portion of the stud. Thus the “captivity of the mounting element”, according to the Machinery Directive 2006/42/EG, is given.

When using, instead of a typical tapped or bored hole, it is necessary to provide tapped bores with a thread d₁ on each of the two elements to be assembled. Additionally, a clearance bore of d₄ on one or both sides must be cut.

Depending on the design and required clamping length a₁ - a₃ of the component being attached, there are a number of assembly options as shown above.

see also...

- Flat Knurled Thumb Screws GN 653.2 (with Recessed Stud for Loss Protection) → www.jwwinco.com

How to order	¹ Thread d ₁
	² Length l ₁
	³ Material
GN912.2-M6-30-NI	