



Metric table

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Dimensions in: millimeters / inches

d ₁	a	b ₁ h11	b ₂ h11	b ₃ C11	d ₂	h	s	t _{-0.1}	For slotted spanner nuts DIN 70852
10 0.39	8.9 0.35	4 0.16	4 0.16	4 0.16	16 0.63	3.8 0.15	0.8 0.03	8.8 0.346	M 10 x 1
12 0.47	10.9 0.43	4 0.16	4 0.16	4 0.16	18 0.71	3.8 0.15	0.8 0.03	10.8 0.425	M 12 x 1.5
14 0.55	12.9 0.51	5 0.20	4 0.16	5 0.20	20 0.79	3.8 0.15	0.8 0.03	12.8 0.504	M 14 x 1.5
16 0.63	14.9 0.59	5 0.20	5 0.20	5 0.20	23 0.91	4 0.16	1 0.04	14.8 0.583	M 16 x 1.5
18 0.71	16.9 0.67	5 0.20	5 0.20	5 0.20	25 0.98	5 0.20	1 0.04	16.8 0.661	M 18 x 1.5
20 0.79	18.9 0.74	5 0.20	5 0.20	5 0.20	27 1.06	5 0.20	1 0.04	18.8 0.740	M 20 x 1.5
22 0.87	20.9 0.82	6 0.24	6 0.24	6 0.24	30 1.18	5 0.20	1 0.04	20.8 0.819	M 22 x 1.5
24 0.94	22.9 0.90	6 0.24	6 0.24	6 0.24	32 1.26	5 0.20	1 0.04	22.8 0.898	M 24 x 1.5
26 1.02	24.9 0.98	6 0.24	6 0.24	6 0.24	34 1.34	6 0.24	1 0.04	24.8 0.976	M 26 x 1.5
28 1.10	26.9 1.06	7 0.28	6 0.24	7 0.28	36 1.42	6 0.24	1 0.04	26.5 1.043	M 28 x 1.5
30 1.18	28.9 1.14	7 0.28	6 0.24	7 0.28	38 1.50	6.2 0.24	1.2 0.05	28.5 1.122	M 30 x 1.5
32 1.26	30.9 1.22	7 0.28	6 0.24	7 0.28	41 1.61	6.2 0.24	1.2 0.05	30.5 1.201	M 32 x 1.5
35 1.38	33.9 1.33	7 0.28	6 0.24	7 0.28	43 1.69	6.2 0.24	1.2 0.05	33.5 1.319	M 35 x 1.5
38 1.50	36.6 1.44	8 0.31	6 0.24	8 0.31	47 1.85	6.2 0.24	1.2 0.05	36.5 1.437	M 38 x 1.5
40 1.57	38.6 1.52	8 0.31	6 0.24	8 0.31	49 1.93	6.2 0.24	1.2 0.05	38.5 1.516	M 40 x 1.5
42 1.65	40.6 1.60	8 0.31	7 0.28	8 0.31	52 2.05	6.2 0.24	1.2 0.05	40.5 1.594	M 42 x 1.5
45 1.77	43.6 1.72	8 0.31	7 0.28	8 0.31	54 2.13	6.2 0.24	1.2 0.05	43.5 1.713	M 45 x 1.5
48 1.89	46.7 1.84	8 0.31	7 0.28	8 0.31	57 2.24	6.2 0.24	1.2 0.05	46.5 1.831	M 48 x 1.5
50 1.97	48.7 1.92	8 0.31	7 0.28	8 0.31	60 2.36	6.2 0.24	1.2 0.05	48.5 1.909	M 50 x 1.5
52 2.05	50.7 2.00	8 0.31	7 0.28	8 0.31	62 2.44	7.2 0.28	1.2 0.05	50.5 1.988	M 52 x 1.5
55 2.17	53.7 2.11	10 0.39	7 0.28	10 0.39	67 2.64	7.2 0.28	1.2 0.05	53.5 2.106	M 55 x 1.5
60 2.36	58.7 2.31	10 0.39	10 0.39	10 0.39	71 2.80	7.5 0.30	1.5 0.06	58 2.283	M 60 x 1.5
65 2.56	63.7 2.51	10 0.39	10 0.39	10 0.39	76 2.99	7.5 0.30	1.5 0.06	63 2.480	M 65 x 1.5
70 2.76	68.7 2.70	10 0.39	10 0.39	10 0.39	81 3.19	7.5 0.30	1.5 0.06	68 2.677	M 70 x 1.5
80 3.15	78.2 3.08	10 0.39	10 0.39	10 0.39	91 3.58	8.5 0.33	1.5 0.06	78 3.071	M 80 x 1.5

Specification **3**

Steel **ST**

Plain finish

RoHS

Technical Information

ISO Fundamental Tolerances

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QVX

Bearing lock washers DIN 70952 secure slotted spanner nuts DIN 70852 with a positive connection to prevent undesired loosening or adjustment, such as when they are used to set the axial play of a bearing.

The inner tab positions the locking plate in a groove created in the threaded bolt for this purpose. After installing and adjusting the slotted locknut, a matching locking tab is bent into a groove in the nut to secure the parts in place. Due to this deformation, only a single use is recommended.

see also...

DIN 70852 Slotted Spanner Nuts (Flat Design)

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How to order

DIN 70952-28-A-ST

- 1** Diameter d₁
- 2** Type
- 3** Material