



Metric



**Metric table**

Dimensions in: millimeters / inches

d <sub>1</sub> 6H	d <sub>2</sub>	d <sub>3</sub>	b	h	m	Number of slots	Hook spanner wrench
M 10 x 0.75	18 0.71	15 0.59	3 0.12	7.5 0.30	4.5 0.18	4	DIN 1810-A16-20
M 10 x 1	18 0.71	15 0.59	3 0.12	7.6 0.30	4.4 0.17	4	DIN 1810-A16-20
M 12 x 1	21 0.83	18 0.71	3 0.12	7.5 0.30	4.5 0.18	4	DIN 1810-A16-20
M 12 x 1.5	21 0.83	18 0.71	3 0.12	9.2 0.36	5.7 0.22	4	DIN 1810-A16-20
M 14 x 1.5	24 0.94	21 0.83	4 0.16	10.7 0.42	6 0.24	4	DIN 1810-A25-28
M 15 x 1	24 0.94	21 0.83	4 0.16	8.5 0.33	5.5 0.22	4	DIN 1810-A25-28
M 16 x 1.5	28 1.10	24 0.94	4 0.16	10.7 0.42	6 0.24	4	DIN 1810-A25-28
M 17 x 1	28 1.10	24 0.94	4 0.16	8.5 0.33	5.5 0.22	4	DIN 1810-A25-28
M 18 x 1.5	28 1.10	24 0.94	4 0.16	10.7 0.42	7.3 0.29	4	DIN 1810-A25-28
M 20 x 1	32 1.26	27 1.06	4 0.16	9.5 0.37	6.5 0.26	4	DIN 1810-A30-32
M 20 x 1.5	32 1.26	27 1.06	4 0.16	9.6 0.38	6 0.24	4	DIN 1810-A30-32
M 22 x 1.5	38 1.50	33 1.30	5 0.20	12.7 0.50	7 0.28	4	DIN 1810-A40-42
M 24 x 1.5	38 1.50	33 1.30	5 0.20	10.7 0.42	6.2 0.24	4	DIN 1810-A40-42
M 25 x 1.5	38 1.50	33 1.30	5 0.20	10.5 0.41	6.5 0.26	4	DIN 1810-A40-42
M 28 x 1.5	44 1.73	38 1.50	5 0.20	11.2 0.44	6.9 0.27	4	DIN 1810-A45-50
M 30 x 1.5	44 1.73	38 1.50	5 0.20	11 0.43	6.5 0.26	4	DIN 1810-A45-50
M 32 x 1.5	50 1.97	44 1.73	5 0.20	11.2 0.44	6.6 0.26	4	DIN 1810-A45-50
M 35 x 1.5	50 1.97	44 1.73	5 0.20	11 0.43	7 0.28	4	DIN 1810-A45-50
M 38 x 1.5	53 2.09	47 1.85	5 0.20	12.2 0.48	6.6 0.26	4	DIN 1810-A52-55
M 40 x 1.5	56 2.20	50 1.97	6 0.24	12 0.47	8.2 0.32	4	DIN 1810-A58-62
M 42 x 1.5	62 2.44	55 2.17	6 0.24	15.2 0.60	10.6 0.42	4	DIN 1810-A58-62
M 45 x 1.5	62 2.44	55 2.17	6 0.24	12 0.47	8.2 0.32	4	DIN 1810-A58-62
M 50 x 1.5	68 2.68	61 2.40	6 0.24	13 0.51	8.5 0.33	4	DIN 1810-A68-75
M 55 x 2	75 2.95	68 2.68	7 0.28	13.5 0.53	8.5 0.33	6	DIN 1810-A68-75
M 60 x 2	80 3.15	73 2.87	7 0.28	13.5 0.53	8.5 0.33	6	DIN 1810-A80-90

**Specification**

**Nut**

- Steel
- Property class 5
- Zinc plated, blue passivated finish

**Insert**

- Plastic, Polyamide (PA)
- Operating temperature
- 22 °F to 194 °F (-30 °C to +90 °C)

RoHS

**Technical Information**

Metric ISO Fine Threads DIN 13	QVX
Strength Values of Nuts	QVX
Plastic Characteristics	QVX

Slotted spanner lock nuts GN 1804.1 are self-locking because of the polyamide insert. They can therefore also be used as a setting nut and may be used more than once.

The thread series corresponds to DIN 981 roller bearing slotted spanner nuts for the most part. The additionally available dimensions cover common thread sizes used in machine and fixture construction.

**see also...**

DIN 1804 Slotted Spanner Nuts (Steel / Stainless Steel)	Page QVX
DIN 70852 Slotted Spanner Nuts (Flat Design)	Page QVX

**How to order**

**GN 1804.1-M30X1.5**

**1 Thread d<sub>1</sub>**

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10