



3 Type

- E Without thrust pad
- F With DIN 6311 thrust pad

Metric table

Dimensions in: millimeters - inches

d ₁	l ₁			d ₂	d ₃	d ₄ h11	l ₂	l ₃	l ₄	l ₅ ≈	z ≈
M 6	40 1.57	50 1.97	-	12 0.47	5 0.20	4.5 0.18	10 0.39	50 1.97	10 0.39	2.2 0.09	5.4 0.21
M 8	50 1.97	60 2.36	-	14 0.55	6 0.24	6 0.24	12 0.47	60 2.36	15 0.59	3 0.12	6.8 0.27
M 10	60 2.36	70 2.76	-	18 0.71	8 0.31	8 0.31	14 0.55	80 3.15	20 0.79	3.6 0.14	8.2 0.32
M 12	70 2.76	80 3.15	-	20 0.79	10 0.39	8 0.31	18 0.71	100 3.94	20 0.79	4.5 0.18	8.6 0.34
M 16	75 2.95	90 3.54	110 4.33	24 0.94	12 0.47	12 0.47	20 0.79	120 4.72	20 0.79	5.3 0.21	10.6 0.42
M 20	75 2.95	90 3.54	110 4.33	30 1.18	16 0.63	15.5 0.61	28 1.10	140 5.51	20 0.79	5.6 0.22	12.4 0.49

Specification

- Body Steel
 - Blackened finish
 - Property class 5.8
 - Hardened thrust point
- Thrust Pads DIN 6311 → page 1120
- Strength Values of Screws → page 2127
- ISO Fundamental Tolerances → page 2129
- RoHS compliant

Accessory

- Thrust pads GN 6311.1 → page 1123

Information

The thrust point of DIN 6304 tommy screws is designed to be used with or without a thrust pad for clamping.

The snap ring is a simple and quick method to connect the thrust pad to the tommy screw.

Instead of DIN 6311 a GN 6311.1 thrust pad can be used. In that case the tommy screw and the thrust pad have to be ordered separately.

Assembly instructions (Type F)

The thrust pad has to be held at an angle allowing the circlip to drop to the bottom of its groove with the split end downwards. The thrust point is then offered up to the split end of the circlip at the lowest possible angle and pressed home.



see also...

- Tommy Screws DIN 6306 (Steel, with Movable Bar) → www.jwwinco.com

How to order	1	Thread d ₁
	2	Bolt length l ₁
	3	Type
DIN6304-M12-70-E		

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4