Tommy Screws

Steel, with Fixed Bar

SPECIFICATION

Types

- Type **E**: without thrust pad
- Type **F**: with thrust pad DIN 6311 (see page 938)

Steel
Tensile strength class 5.8

- blackened
- Thrust point hardened

INFORMATION

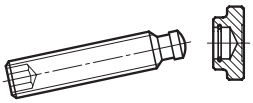
The thrust point of these screws DIN 6304 is designed to be used with or without a thrust pad for clamping.
The snap ring is a simple and quick method to connect the thrust pad to the tommy screw.
Instead of DIN 6311 (see page 938) a thrust pad GN 6311.1 (see page 939) can be used. In that case the tommy screw and the thrust pad have to be ordered separately .

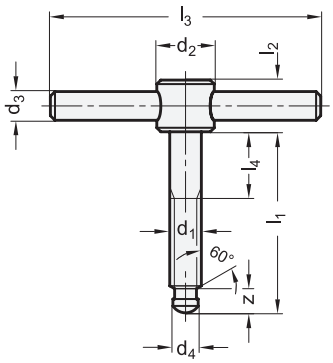
TECHNICAL INFORMATION

- ISO-Fundamental Tolerances (see page A21)

HINT FOR INSTALLATION (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 tp the spit end of the circlip at the lowest possible angle and pressed home.





*Complete with type of the Tommy screws (E or F)

E without thrust pad **F** with thrust pad

DIN 6304

Description	d1	l1	d2	d3	d4 h11	l2	l3	l4	l5 ≈	z ≈	⚖
DIN 6304-M6-40-*	M 6	40	12	5	4.5	10	50	10	2.2	5.4	26
DIN 6304-M6-50-*	M 6	50	12	5	4.5	10	50	10	2.2	5.4	27
DIN 6304-M8-50-*	M 8	50	14	6	6	12	60	15	3	6.8	49
DIN 6304-M8-60-*	M 8	60	14	6	6	12	60	15	3	6.8	52
DIN 6304-M10-60-*	M 10	60	18	8	8	14	80	20	3.6	8.2	100
DIN 6304-M10-70-*	M 10	70	18	8	8	14	80	20	3,6	8.2	105
DIN 6304-M12-70-*	M 12	70	20	10	8	18	100	20	4.5	8.6	171
DIN 6304-M12-80-*	M 12	80	20	10	8	18	100	20	4.5	8.6	179
DIN 6304-M16-75-*	M 16	75	24	12	12	20	120	20	5.3	10.6	260
DIN 6304-M16-90-*	M 16	90	24	12	12	20	120	20	5.3	10.6	324
DIN 6304-M16-110-*	M 16	110	24	12	12	20	120	20	5.3	10.6	354
DIN 6304-M20-75-*	M 20	75	30	16	15.5	28	140	20	5.6	12.4	475
DIN 6304-M20-90-*	M 20	90	30	16	15.5	28	140	20	5.6	12.4	602
DIN 6304-M20-110-*	M 20	110	30	16	15.5	28	140	20	5.6	12.4	644

Weight type F