

Tommy Screws

Steel / Stainless Steel, with Movable Bar

SPECIFICATION

Types

- Type **D**: Without thrust pad
- Type **E**: With thrust pad DIN 6311 (only for steel)

Tommy screw

- Steel
 - Property class 5,8
 - Blackened
 - Thrust point hardened
- Stainless steel **AISI 304 NI**

Bar end caps

Plastic, Polyethylene (PE)
Gray

Thrust pad for type E

- Steel
 - Case-hardened
 - Blackened
- Snap ring
 - Spring steel wire

Pressure spring

Stainless steel AISI 301



INFORMATION

Tommy screws DIN 6306 are used for clamping and pressing. Combining them with thrust pads or base plates increases the contact surface and allows for angle compensation.

The sliding bar is protected against loss by the end caps and held in any position by the pressure spring.

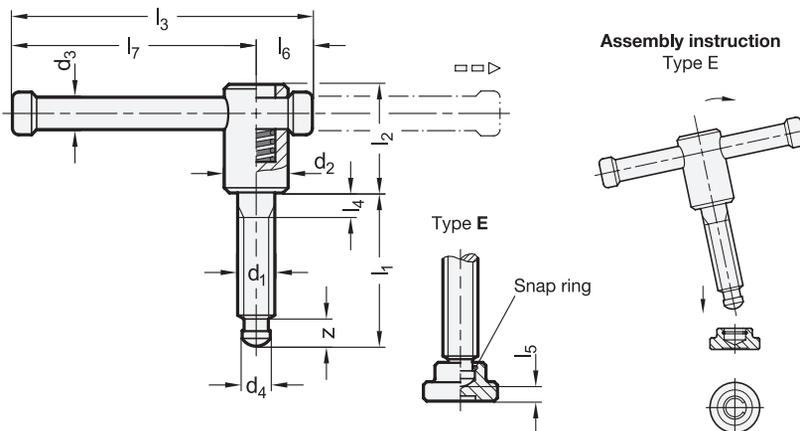
Installation of the thrust pad (type E) is made easier if the pivot is positioned at an angle against the closed side of the snap ring and then pressed in.

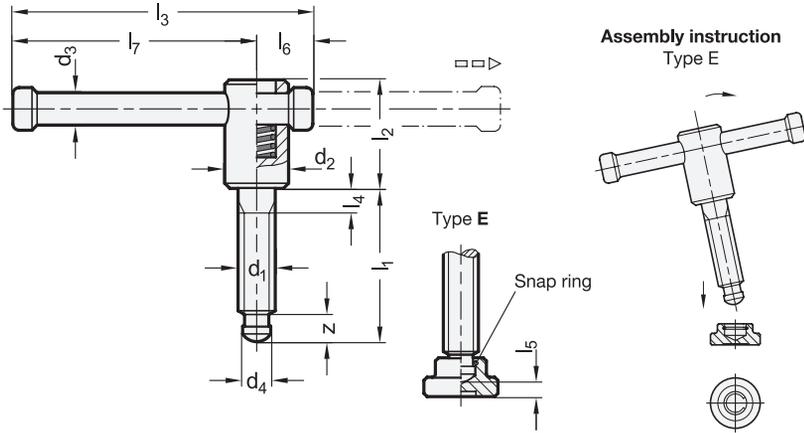
ACCESSORY

- GN 6311.1 Thrust Pads (see page 939)
- GN 6311.3 Foot Plates (see page 1311)

TECHNICAL INFORMATION

- ISO-Fundamental Tolerances (see page A21)
- Strength Values of Screws (see page A20)
- Stainless Steel Characteristics (see page A26)





* Complete with
D E

DIN 6306-ST

Description	d1	l1	d2	d3	d4 h11	l2	l3	l4	l5 ≈	l6	l7	z ≈	⚖
DIN 6306-M6-20-*	M 6	20	14	6	4.5	30	60	2.5	2.1	15	45	6	41
DIN 6306-M6-30-*	M 6	30	14	6	4.5	30	60	2.5	2.1	15	45	6	44
DIN 6306-M8-30-*	M 8	30	14	6	6	30	60	5	3	15	45	7.6	48
DIN 6306-M8-40-*	M 8	40	14	6	6	30	60	5	3	15	45	7.6	52
DIN 6306-M10-40-*	M 10	40	18	8	8	32	80	10	3.6	17	63	8.2	86
DIN 6306-M10-50-*	M 10	50	18	8	8	32	80	10	3.6	17	63	8.2	92
DIN 6306-M12-50-*	M 12	50	20	10	8	35	100	10	4.5	19	81	8.6	151
DIN 6306-M12-60-*	M 12	60	20	10	8	35	100	10	4.5	19	81	8.6	155
DIN 6306-M16-55-*	M 16	55	24	13	12	40	120	10	5.3	23	97	10.6	287
DIN 6306-M16-70-*	M 16	70	24	13	12	40	120	10	5.3	23	97	10.6	308
DIN 6306-M16-90-*	M 16	90	24	13	12	40	120	10	5.3	23	97	10.6	320
DIN 6306-M20-55-*	M 20	55	30	16	15.5	45	140	10	5.6	28	112	12.4	502
DIN 6306-M20-70-*	M 20	70	30	16	15.5	45	140	10	5.6	28	112	12.4	532
DIN 6306-M20-90-*	M 20	90	30	16	15.5	45	140	10	5.6	28	112	12.4	572

Weight Type D

DIN 6306-NI

STAINLESS STEEL

Description	d1	l1	d2	d3	d4 h11	l2	l3	l4	l5 ≈	l6	l7	z ≈	⚖
DIN 6306-M6-20-D-NI	M 6	20	14	6	4.5	30	60	2.5	2.1	15	45	6	42
DIN 6306-M6-30-D-NI	M 6	30	14	6	4.5	30	60	2.5	2.1	15	45	6	44
DIN 6306-M8-30-D-NI	M 8	30	14	6	6	30	60	5	3	15	45	7.6	48
DIN 6306-M8-40-D-NI	M 8	40	14	6	6	30	60	5	3	15	45	7.6	52
DIN 6306-M10-40-D-NI	M 10	40	18	8	8	32	80	10	3.6	17	63	8.2	103
DIN 6306-M10-50-D-NI	M 10	50	18	8	8	32	80	10	3.6	17	63	8.2	109
DIN 6306-M12-50-D-NI	M 12	50	20	10	8	35	100	10	4.5	19	81	8.6	166
DIN 6306-M12-60-D-NI	M 12	60	20	10	8	35	100	10	4.5	19	81	8.6	175
DIN 6306-M16-55-D-NI	M 16	55	24	13	12	40	120	10	5.3	23	97	10.6	311
DIN 6306-M16-70-D-NI	M 16	70	24	13	12	40	120	10	5.3	23	97	10.6	335
DIN 6306-M16-90-D-NI	M 16	90	24	13	12	40	120	10	5.3	23	97	10.6	367
DIN 6306-M20-55-D-NI	M 20	55	30	16	15.5	45	140	10	5.6	28	112	12.4	532
DIN 6306-M20-70-D-NI	M 20	70	30	16	15.5	45	140	10	5.6	28	112	12.4	570
DIN 6306-M20-90-D-NI	M 20	90	30	16	15.5	45	140	10	5.6	28	112	12.4	619



Clamping levers