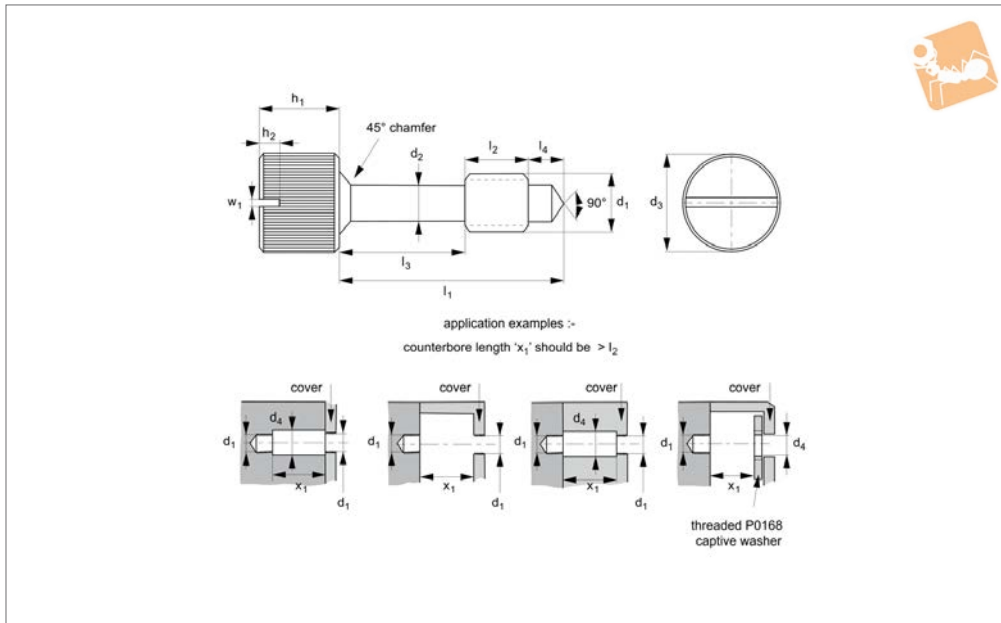




# Captive Panel Thumb Screws

slot drive - titanium



**P0159.Ti**

CAPTIVE SCREWS

**Material**

Titanium grade 2 (tensile strength 345 N/mm<sup>2</sup>), or grade 5 (tensile strength 900 N/mm<sup>2</sup>).

Also available on request in steel (anodised, black oxide or zinc plated) stainless steel (AISI 316, 1.440 or AISI

303, 1.4305), brass, aluminium etc.

**Technical Notes**

Used to comply with the Machinery Directive 2006/42/EC. Often used with our captive washer (P0168) or retaining flanges (P0169 - for sheet metal applica-

tions). The use of our captive washer should be considered when fitted in panels with unthreaded holes.

T5 also available on request.

Replace -T2 with -T5 at the end of part number.

Order No.	d <sub>1</sub>	l <sub>1</sub> ±0.25	d <sub>2</sub> ±0.12	l <sub>2</sub> ±0.25	d <sub>3</sub>	d <sub>4</sub> min.	h <sub>1</sub>	h <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	w <sub>1</sub>	Material
P0159.030-010-T2	M 3	10	2	3.2	6.5	3.5	6.5	2.0	4.8	2.0	1.2	Grade 2
P0159.030-014-T2	M 3	14	2	3.2	6.5	3.5	6.5	2.0	8.8	2.0	1.2	Grade 2
P0159.030-016-T2	M 3	16	2	3.2	6.5	3.5	6.5	2.0	10.8	2.0	1.2	Grade 2
P0159.030-020-T2	M 3	20	2	3.2	6.5	3.5	6.5	2.0	14.8	2.0	1.2	Grade 2
P0159.030-022-T2	M 3	22	2	3.2	6.5	3.5	6.5	2.0	16.8	2.0	1.2	Grade 2
P0159.030-024-T2	M 3	24	2	3.2	6.5	3.5	6.5	2.0	18.8	2.0	1.2	Grade 2
P0159.030-026-T2	M 3	26	2	3.2	6.5	3.5	6.5	2.0	20.8	2.0	1.2	Grade 2
P0159.031-010-T2	M 3	10	2	3.2	8	3.5	8.0	2.0	4.8	2.0	1.2	Grade 2
P0159.031-014-T2	M 3	14	2	3.2	8	3.5	8.0	2.0	8.8	2.0	1.2	Grade 2
P0159.031-016-T2	M 3	16	2	3.2	8	3.5	8.0	2.0	10.8	2.0	1.2	Grade 2
P0159.031-020-T2	M 3	20	2	3.2	8	3.5	8.0	2.0	14.8	2.0	1.2	Grade 2
P0159.031-022-T2	M 3	22	2	3.2	8	3.5	8.0	2.0	16.8	2.0	1.2	Grade 2
P0159.031-024-T2	M 3	24	2	3.2	8	3.5	8.0	2.0	18.8	2.0	1.2	Grade 2
P0159.040-010-T2	M 4	10	3	5.5	8	4.5	8.0	2.0	2.0	2.5	1.2	Grade 2
P0159.040-014-T2	M 4	14	3	5.5	8	4.5	8.0	2.0	6.0	2.5	1.2	Grade 2
P0159.040-016-T2	M 4	16	3	5.5	8	4.5	8.0	2.0	8.0	2.5	1.2	Grade 2
P0159.040-020-T2	M 4	20	3	5.5	8	4.5	8.0	2.0	12.0	2.5	1.2	Grade 2
P0159.040-022-T2	M 4	22	3	5.5	8	4.5	8.0	2.0	14.0	2.5	1.2	Grade 2
P0159.040-024-T2	M 4	24	3	5.5	8	4.5	8.0	2.0	16.0	2.5	1.2	Grade 2
P0159.040-027-T2	M 4	27	3	5.5	8	4.5	8.0	2.0	19.0	2.5	1.2	Grade 2
P0159.040-032-T2	M 4	32	3	5.5	8	4.5	8.0	2.0	24.0	2.5	1.2	Grade 2
P0159.050-014-T2	M 5	14	3.5	6.5	10	5.5	10.0	2.5	3.5	4.0	1.5	Grade 2
P0159.050-016-T2	M 5	16	3.5	6.5	10	5.5	10.0	2.5	5.5	4.0	1.5	Grade 2
P0159.050-020-T2	M 5	20	3.5	6.5	10	5.5	10.0	2.5	9.5	4.0	1.5	Grade 2
P0159.050-022-T2	M 5	22	3.5	6.5	10	5.5	10.0	2.5	11.5	4.0	1.5	Grade 2
P0159.050-024-T2	M 5	24	3.5	6.5	10	5.5	10.0	2.5	13.5	4.0	1.5	Grade 2
P0159.050-027-T2	M 5	27	3.5	6.5	10	5.5	10.0	2.5	16.5	4.0	1.5	Grade 2
P0159.050-032-T2	M 5	32	3.5	6.5	10	5.5	10.0	2.5	21.5	4.0	1.5	Grade 2
P0159.050-035-T2	M 5	35	3.5	6.5	10	5.5	10.0	2.5	24.5	4.0	1.5	Grade 2
P0159.050-040-T2	M 5	40	3.5	6.5	10	5.5	10.0	2.5	29.5	4.0	1.5	Grade 2
P0159.060-016-T2	M 6	16	4.5	8.0	12	6.5	15.0	2.5	3.0	5.0	2.0	Grade 2



CAPTIVE SCREWS

Order No.	d <sub>1</sub>	l <sub>1</sub> ±0.25	d <sub>2</sub> ±0.12	l <sub>2</sub> ±0.25	d <sub>3</sub>	d <sub>4</sub> min.	h <sub>1</sub>	h <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	w <sub>1</sub>	Material
P0159.060-020-T2	M 6	20	4.5	8.0	12	6.5	15.0	2.5	7.0	5.0	2.0	Grade 2
P0159.060-022-T2	M 6	22	4.5	8.0	12	6.5	15.0	2.5	9.0	5.0	2.0	Grade 2
P0159.060-024-T2	M 6	24	4.5	8.0	12	6.5	15.0	2.5	11.0	5.0	2.0	Grade 2
P0159.060-027-T2	M 6	27	4.5	8.0	12	6.5	15.0	2.5	14.0	5.0	2.0	Grade 2
P0159.060-032-T2	M 6	32	4.5	8.0	12	6.5	15.0	2.5	19.0	5.0	2.0	Grade 2
P0159.060-035-T2	M 6	35	4.5	8.0	12	6.5	15.0	2.5	22.0	5.0	2.0	Grade 2
P0159.060-040-T2	M 6	40	4.5	8.0	12	6.5	15.0	2.5	27.0	8.5	2.0	Grade 2
P0159.060-045-T2	M 6	45	4.5	8.0	12	6.5	15.0	2.5	32.0	8.5	2.0	Grade 2
P0159.060-050-T2	M 6	50	4.5	8.0	12	6.5	15.0	2.5	37.0	8.5	2.0	Grade 2
P0159.030-010-T5	M 3	10	2	3.2	6.5	3.5	6.5	2.0	4.8	2.0	1.2	Grade 5
P0159.030-014-T5	M 3	14	2	3.2	6.5	3.5	6.5	2.0	8.8	2.0	1.2	Grade 5
P0159.030-016-T5	M 3	16	2	3.2	6.5	3.5	6.5	2.0	10.8	2.0	1.2	Grade 5
P0159.030-020-T5	M 3	20	2	3.2	6.5	3.5	6.5	2.0	14.8	2.0	1.2	Grade 5
P0159.030-022-T5	M 3	22	2	3.2	6.5	3.5	6.5	2.0	16.8	2.0	1.2	Grade 5
P0159.030-024-T5	M 3	24	2	3.2	6.5	3.5	6.5	2.0	18.8	2.0	1.2	Grade 5
P0159.030-026-T5	M 3	26	2	3.2	6.5	3.5	6.5	2.0	20.8	2.0	1.2	Grade 5
P0159.031-010-T5	M 3	10	2	3.2	8	3.5	8.0	2.0	4.8	2.0	1.2	Grade 5
P0159.031-014-T5	M 3	14	2	3.2	8	3.5	8.0	2.0	8.8	2.0	1.2	Grade 5
P0159.031-016-T5	M 3	16	2	3.2	8	3.5	8.0	2.0	10.8	2.0	1.2	Grade 5
P0159.031-020-T5	M 3	20	2	3.2	8	3.5	8.0	2.0	14.8	2.0	1.2	Grade 5
P0159.031-022-T5	M 3	22	2	3.2	8	3.5	8.0	2.0	16.8	2.0	1.2	Grade 5
P0159.031-024-T5	M 3	24	2	3.2	8	3.5	8.0	2.0	18.8	2.0	1.2	Grade 5
P0159.040-010-T5	M 4	10	3	5.5	8	4.5	8.0	2.0	2.0	2.5	1.2	Grade 5
P0159.040-014-T5	M 4	14	3	5.5	8	4.5	8.0	2.0	6.0	2.5	1.2	Grade 5
P0159.040-016-T5	M 4	16	3	5.5	8	4.5	8.0	2.0	8.0	2.5	1.2	Grade 5
P0159.040-020-T5	M 4	20	3	5.5	8	4.5	8.0	2.0	12.0	2.5	1.2	Grade 5
P0159.040-022-T5	M 4	22	3	5.5	8	4.5	8.0	2.0	14.0	2.5	1.2	Grade 5
P0159.040-024-T5	M 4	24	3	5.5	8	4.5	8.0	2.0	16.0	2.5	1.2	Grade 5
P0159.040-027-T5	M 4	27	3	5.5	8	4.5	8.0	2.0	19.0	2.5	1.2	Grade 5
P0159.040-032-T5	M 4	32	3	5.5	8	4.5	8.0	2.0	24.0	2.5	1.2	Grade 5
P0159.050-014-T5	M 5	14	3.5	6.5	10	5.5	10.0	2.5	3.5	4.0	1.5	Grade 5
P0159.050-016-T5	M 5	16	3.5	6.5	10	5.5	10.0	2.5	5.5	4.0	1.5	Grade 5
P0159.050-020-T5	M 5	20	3.5	6.5	10	5.5	10.0	2.5	9.5	4.0	1.5	Grade 5
P0159.050-022-T5	M 5	22	3.5	6.5	10	5.5	10.0	2.5	11.5	4.0	1.5	Grade 5
P0159.050-024-T5	M 5	24	3.5	6.5	10	5.5	10.0	2.5	13.5	4.0	1.5	Grade 5
P0159.050-027-T5	M 5	27	3.5	6.5	10	5.5	10.0	2.5	16.5	4.0	1.5	Grade 5
P0159.050-032-T5	M 5	32	3.5	6.5	10	5.5	10.0	2.5	21.5	4.0	1.5	Grade 5
P0159.050-035-T5	M 5	35	3.5	6.5	10	5.5	10.0	2.5	24.5	4.0	1.5	Grade 5
P0159.050-040-T5	M 5	40	3.5	6.5	10	5.5	10.0	2.5	29.5	4.0	1.5	Grade 5
P0159.060-016-T5	M 6	16	4.5	8.0	12	6.5	15.0	2.5	3.0	5.0	2.0	Grade 5
P0159.060-020-T5	M 6	20	4.5	8.0	12	6.5	15.0	2.5	7.0	5.0	2.0	Grade 5
P0159.060-022-T5	M 6	22	4.5	8.0	12	6.5	15.0	2.5	9.0	5.0	2.0	Grade 5
P0159.060-024-T5	M 6	24	4.5	8.0	12	6.5	15.0	2.5	11.0	5.0	2.0	Grade 5
P0159.060-027-T5	M 6	27	4.5	8.0	12	6.5	15.0	2.5	14.0	5.0	2.0	Grade 5
P0159.060-032-T5	M 6	32	4.5	8.0	12	6.5	15.0	2.5	19.0	5.0	2.0	Grade 5
P0159.060-035-T5	M 6	35	4.5	8.0	12	6.5	15.0	2.5	22.0	5.0	2.0	Grade 5
P0159.060-040-T5	M 6	40	4.5	8.0	12	6.5	15.0	2.5	27.0	8.5	2.0	Grade 5
P0159.060-045-T5	M 6	45	4.5	8.0	12	6.5	15.0	2.5	32.0	8.5	2.0	Grade 5
P0159.060-050-T5	M 6	50	4.5	8.0	12	6.5	15.0	2.5	37.0	8.5	2.0	Grade 5