

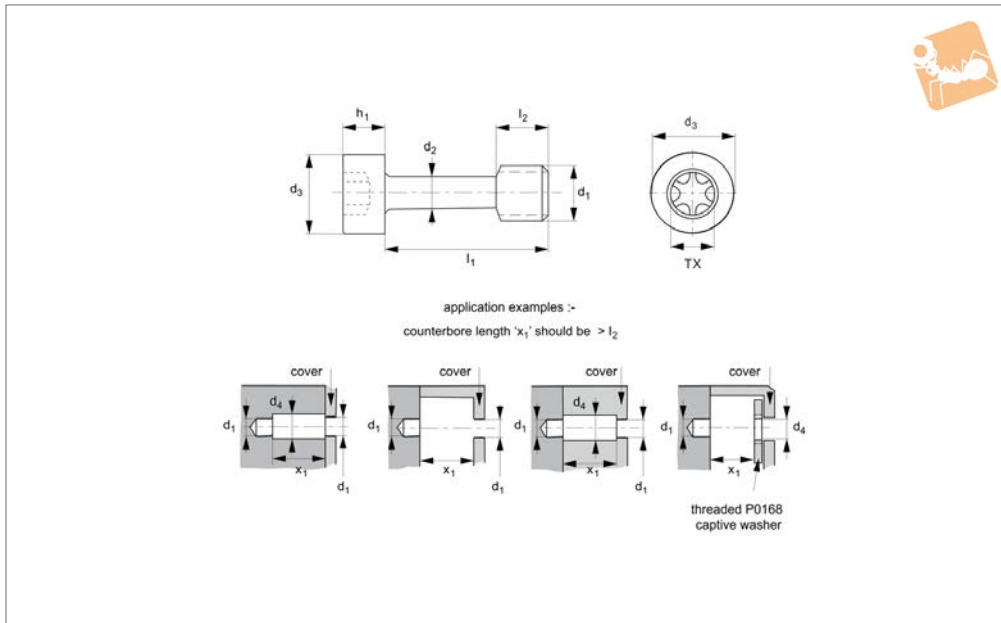


# Captive Screws - Cap Head

TX drive - titanium



Captive Screws



P0156.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 Direc-

tive 2006/42/EC. Generally to ISO 4762. Often used with our captive washers (P0168) or retaining flanges (P0169 - for sheet metal applications). The use of our captive washers should be considered when fitted in panels with unthreaded holes.

\*M 8 sizes have a reduced TX size.

T5 also available on request.

Replace -T2 with -T5 at the end of part

number.

### Important Notes

Please note that these screws have a reduced diameter shank and should not be tightened to the recommended torque for an equivalent machine screw of size d<sub>1</sub>.

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> max.	d <sub>4</sub> min.	h <sub>1</sub> max.	TX size	Material
P0156.030-008-T2	M 3	8	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
P0156.030-010-T2	M 3	10	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
P0156.030-016-T2	M 3	16	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
P0156.030-020-T2	M 3	20	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
P0156.030-025-T2	M 3	25	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
P0156.030-030-T2	M 3	30	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
P0156.040-008-T2	M 4	8	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
P0156.040-010-T2	M 4	10	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
P0156.040-012-T2	M 4	12	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
P0156.040-016-T2	M 4	16	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
P0156.040-020-T2	M 4	20	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
P0156.040-025-T2	M 4	25	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
P0156.040-030-T2	M 4	30	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
P0156.040-040-T2	M 4	40	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
P0156.040-050-T2	M 4	50	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
P0156.050-010-T2	M 5	10	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
P0156.050-012-T2	M 5	12	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
P0156.050-016-T2	M 5	16	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
P0156.050-020-T2	M 5	20	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
P0156.050-025-T2	M 5	25	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
P0156.050-030-T2	M 5	30	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
P0156.050-040-T2	M 5	40	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
P0156.050-050-T2	M 5	50	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
P0156.060-010-T2	M 6	10	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
P0156.060-012-T2	M 6	12	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
P0156.060-016-T2	M 6	16	4.2	7.5	10.0	6.5	6	TX-30	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> max.	d <sub>4</sub> min.	h <sub>1</sub> max.	TX size	Material
P0156.060-020-T2	M 6	20	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
P0156.060-025-T2	M 6	25	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
P0156.060-030-T2	M 6	30	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
P0156.060-040-T2	M 6	40	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
P0156.060-050-T2	M 6	50	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
P0156.060-060-T2	M 6	60	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
P0156.060-080-T2	M 6	80	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
P0156.080-012-T2	M 8	12	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
P0156.080-016-T2	M 8	16	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
P0156.080-020-T2	M 8	20	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
P0156.080-025-T2	M 8	25	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
P0156.080-030-T2	M 8	30	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
P0156.080-035-T2	M 8	35	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
P0156.080-040-T2	M 8	40	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
P0156.080-045-T2	M 8	45	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
P0156.080-050-T2	M 8	50	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
P0156.080-060-T2	M 8	60	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
P0156.080-080-T2	M 8	80	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
P0156.030-008-T5	M 3	8	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
P0156.030-010-T5	M 3	10	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
P0156.030-016-T5	M 3	16	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
P0156.030-020-T5	M 3	20	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
P0156.030-025-T5	M 3	25	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
P0156.030-030-T5	M 3	30	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
P0156.040-008-T5	M 4	8	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
P0156.040-010-T5	M 4	10	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
P0156.040-012-T5	M 4	12	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
P0156.040-016-T5	M 4	16	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
P0156.040-020-T5	M 4	20	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
P0156.040-025-T5	M 4	25	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
P0156.040-030-T5	M 4	30	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
P0156.040-040-T5	M 4	40	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
P0156.040-050-T5	M 4	50	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
P0156.050-010-T5	M 5	10	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
P0156.050-012-T5	M 5	12	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
P0156.050-016-T5	M 5	16	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
P0156.050-020-T5	M 5	20	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
P0156.050-025-T5	M 5	25	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
P0156.050-030-T5	M 5	30	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
P0156.050-040-T5	M 5	40	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
P0156.050-050-T5	M 5	50	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
P0156.060-010-T5	M 6	10	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
P0156.060-012-T5	M 6	12	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
P0156.060-016-T5	M 6	16	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
P0156.060-020-T5	M 6	20	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
P0156.060-025-T5	M 6	25	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
P0156.060-030-T5	M 6	30	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
P0156.060-040-T5	M 6	40	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
P0156.060-050-T5	M 6	50	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
P0156.060-060-T5	M 6	60	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
P0156.060-080-T5	M 6	80	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
P0156.080-012-T5	M 8	12	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
P0156.080-016-T5	M 8	16	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
P0156.080-020-T5	M 8	20	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
P0156.080-025-T5	M 8	25	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
P0156.080-030-T5	M 8	30	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
P0156.080-035-T5	M 8	35	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
P0156.080-040-T5	M 8	40	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
P0156.080-045-T5	M 8	45	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
P0156.080-050-T5	M 8	50	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
P0156.080-060-T5	M 8	60	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
P0156.080-080-T5	M 8	80	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5