

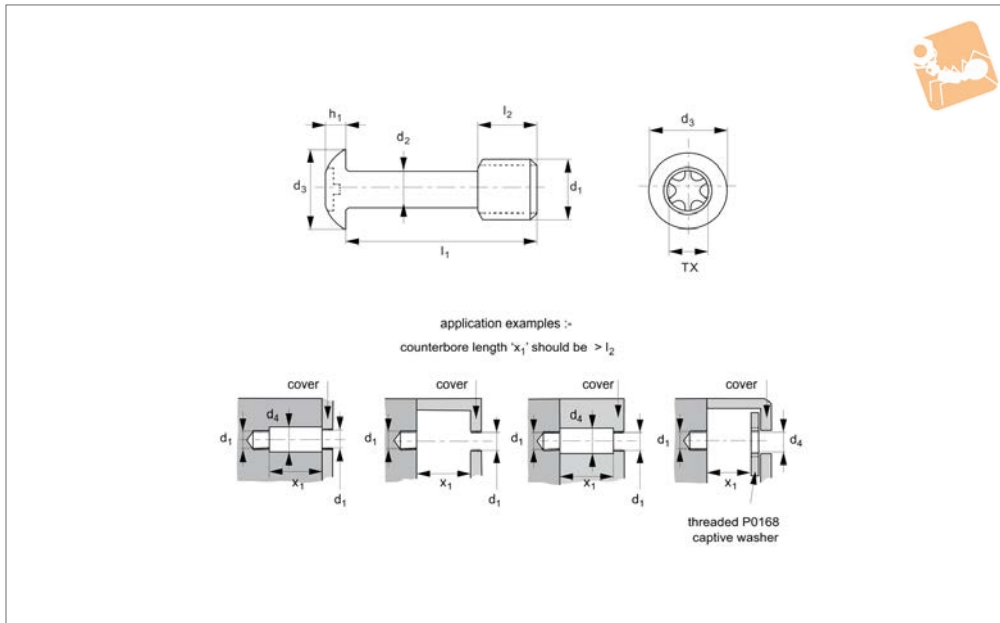


Captive Screws - Button Head

TX drive - titanium



Captive Screws



P0149.Ti

CAPTIVE SCREWS

Material

Titanium grade 2 (tensile strength 345 N/mm²), or grade 5 (alloy; tensile strength 900 N/mm²).

Also available in stainless steel (see the rest of the P0149 range), or on request in steel (anodised, black oxide or zinc plated), brass, aluminium etc.

Technical Notes

Used to comply with the Machinery Direc-

tive 2006/42/EC. Generally to ISO 7380-1. 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.

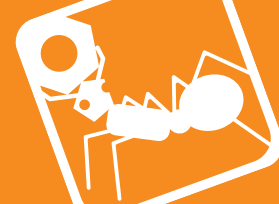
T5 also available on request.

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 d₁.

Order No.	d ₁	l ₁ 0,25	d ₂ 0,12	l ₂ -0,2	d ₃ max.	d ₄ min.	h ₁ max.	TX size	Material
P0149.025-008-T2	M 2,5	8	1.7	3.7	4.5	2.8	1.50	TX- 8	Grade 2
P0149.025-010-T2	M 2,5	10	1.7	3.7	4.5	2.8	1.50	TX- 8	Grade 2
P0149.025-012-T2	M 2,5	12	1.7	3.7	4.5	2.8	1.50	TX- 8	Grade 2
P0149.025-016-T2	M 2,5	16	1.7	3.7	4.5	2.8	1.50	TX- 8	Grade 2
P0149.025-020-T2	M 2,5	20	1.7	3.7	4.5	2.8	1.50	TX- 8	Grade 2
P0149.030-010-T2	M 3	10	2.0	4.5	5.7	3.5	1.65	TX-10	Grade 2
P0149.030-016-T2	M 3	16	2.0	4.5	5.7	3.5	1.65	TX-10	Grade 2
P0149.030-020-T2	M 3	20	2.0	4.5	5.7	3.5	1.65	TX-10	Grade 2
P0149.030-025-T2	M 3	25	2.0	4.5	5.7	3.5	1.65	TX-10	Grade 2
P0149.030-030-T2	M 3	30	2.0	4.5	5.7	3.5	1.65	TX-10	Grade 2
P0149.030-040-T2	M 3	40	2.0	5.0	5.7	3.5	1.65	TX-10	Grade 2
P0149.040-012-T2	M 4	12	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 2
P0149.040-016-T2	M 4	16	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 2
P0149.040-020-T2	M 4	20	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 2
P0149.040-025-T2	M 4	25	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 2
P0149.040-030-T2	M 4	30	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 2
P0149.040-040-T2	M 4	40	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 2
P0149.040-050-T2	M 4	50	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 2
P0149.040-060-T2	M 4	60	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 2
P0149.050-012-T2	M 5	12	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 2
P0149.050-016-T2	M 5	16	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 2
P0149.050-020-T2	M 5	20	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 2
P0149.050-025-T2	M 5	25	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 2
P0149.050-030-T2	M 5	30	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 2
P0149.050-040-T2	M 5	40	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 2
P0149.050-050-T2	M 5	50	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 2



CAPTIVE SCREWS

Order No.	d ₁	l ₁ 0,25	d ₂ 0,12	l ₂ -0,2	d ₃ max.	d ₄ min.	h ₁ max.	TX size	Material
P0149.050-060-T2	M 5	60	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 2
P0149.060-016-T2	M 6	16	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 2
P0149.060-020-T2	M 6	20	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 2
P0149.060-025-T2	M 6	25	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 2
P0149.060-030-T2	M 6	30	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 2
P0149.060-040-T2	M 6	40	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 2
P0149.060-050-T2	M 6	50	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 2
P0149.060-060-T2	M 6	60	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 2
P0149.060-080-T2	M 6	80	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 2
P0149.025-008-T5	M 2,5	8	1.7	3.7	4.5	2.8	1.50	TX- 8	Grade 5
P0149.025-010-T5	M 2,5	10	1.7	3.7	4.5	2.8	1.50	TX- 8	Grade 5
P0149.025-012-T5	M 2,5	12	1.7	3.7	4.5	2.8	1.50	TX- 8	Grade 5
P0149.025-016-T5	M 2,5	16	1.7	3.7	4.5	2.8	1.50	TX- 8	Grade 5
P0149.025-020-T5	M 2,5	20	1.7	3.7	4.5	2.8	1.50	TX- 8	Grade 5
P0149.030-010-T5	M 3	10	2.0	4.5	5.7	3.5	1.65	TX-10	Grade 5
P0149.030-016-T5	M 3	16	2.0	4.5	5.7	3.5	1.65	TX-10	Grade 5
P0149.030-020-T5	M 3	20	2.0	4.5	5.7	3.5	1.65	TX-10	Grade 5
P0149.030-025-T5	M 3	25	2.0	4.5	5.7	3.5	1.65	TX-10	Grade 5
P0149.030-030-T5	M 3	30	2.0	4.5	5.7	3.5	1.65	TX-10	Grade 5
P0149.030-040-T5	M 3	40	2.0	5.0	5.7	3.5	1.65	TX-10	Grade 5
P0149.040-012-T5	M 4	12	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 5
P0149.040-016-T5	M 4	16	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 5
P0149.040-020-T5	M 4	20	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 5
P0149.040-025-T5	M 4	25	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 5
P0149.040-030-T5	M 4	30	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 5
P0149.040-040-T5	M 4	40	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 5
P0149.040-050-T5	M 4	50	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 5
P0149.040-060-T5	M 4	60	2.8	6.0	7.6	4.5	3.10	TX-20	Grade 5
P0149.050-012-T5	M 5	12	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 5
P0149.050-016-T5	M 5	16	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 5
P0149.050-020-T5	M 5	20	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 5
P0149.050-025-T5	M 5	25	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 5
P0149.050-030-T5	M 5	30	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 5
P0149.050-040-T5	M 5	40	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 5
P0149.050-050-T5	M 5	50	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 5
P0149.050-060-T5	M 5	60	3.7	7.5	9.5	5.5	3.70	TX-25	Grade 5
P0149.060-016-T5	M 6	16	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 5
P0149.060-020-T5	M 6	20	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 5
P0149.060-025-T5	M 6	25	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 5
P0149.060-030-T5	M 6	30	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 5
P0149.060-040-T5	M 6	40	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 5
P0149.060-050-T5	M 6	50	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 5
P0149.060-060-T5	M 6	60	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 5
P0149.060-080-T5	M 6	80	4.2	7.5	10.5	6.5	4.70	TX-30	Grade 5