



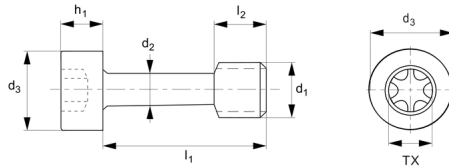
Captive Screws - Cap Head TX drive - titanium

Captive Screws

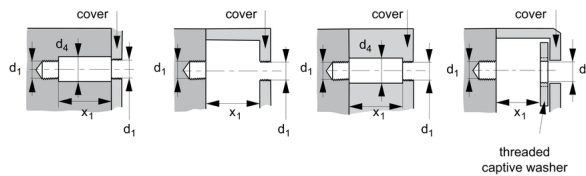


36689.Ti

CAPTIVE SCREWS



application examples :-
counterbore length 'x₁' should be > l₂



Material

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

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 (36691) or retaining flanges (36692 - 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 d₁.

Order No.	d ₁	l ₁ ±0.25	d ₂ ±0.12	l ₂ ±0.25	d ₃ max.	d ₄ min.	h ₁ max.	TX size	Material
36689.W3008-T2	M 3	8	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
36689.W3010-T2	M 3	10	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
36689.W3016-T2	M 3	16	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
36689.W3020-T2	M 3	20	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
36689.W3025-T2	M 3	25	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
36689.W3030-T2	M 3	30	2.0	4.5	5.5	3.5	3	TX-10	Grade 2
36689.W4008-T2	M 4	8	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
36689.W4010-T2	M 4	10	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
36689.W4012-T2	M 4	12	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
36689.W4016-T2	M 4	16	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
36689.W4020-T2	M 4	20	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
36689.W4025-T2	M 4	25	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
36689.W4030-T2	M 4	30	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
36689.W4040-T2	M 4	40	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
36689.W4050-T2	M 4	50	2.8	6.0	7.0	4.5	4	TX-20	Grade 2
36689.W5010-T2	M 5	10	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
36689.W5012-T2	M 5	12	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
36689.W5016-T2	M 5	16	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
36689.W5020-T2	M 5	20	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
36689.W5025-T2	M 5	25	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
36689.W5030-T2	M 5	30	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
36689.W5040-T2	M 5	40	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
36689.W5050-T2	M 5	50	3.7	7.5	8.5	5.5	5	TX-25	Grade 2
36689.W6010-T2	M 6	10	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
36689.W6012-T2	M 6	12	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
36689.W6016-T2	M 6	16	4.2	7.5	10.0	6.5	6	TX-30	Grade 2



Order No.	d ₁	l ₁ ±0.25	d ₂ ±0.12	l ₂ ±0.25	d ₃ max.	d ₄ min.	h ₁ max.	TX size	Material
36689.W6020-T2	M 6	20	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
36689.W6025-T2	M 6	25	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
36689.W6030-T2	M 6	30	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
36689.W6040-T2	M 6	40	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
36689.W6050-T2	M 6	50	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
36689.W6060-T2	M 6	60	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
36689.W6080-T2	M 6	80	4.2	7.5	10.0	6.5	6	TX-30	Grade 2
36689.W8012-T2	M 8	12	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
36689.W8016-T2	M 8	16	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
36689.W8020-T2	M 8	20	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
36689.W8025-T2	M 8	25	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
36689.W8030-T2	M 8	30	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
36689.W8035-T2	M 8	35	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
36689.W8040-T2	M 8	40	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
36689.W8045-T2	M 8	45	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
36689.W8050-T2	M 8	50	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
36689.W8060-T2	M 8	60	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
36689.W8080-T2	M 8	80	6.0	10.0	13.0	8.5	8	TX-30*	Grade 2
36689.W3008-T5	M 3	8	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
36689.W3010-T5	M 3	10	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
36689.W3016-T5	M 3	16	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
36689.W3020-T5	M 3	20	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
36689.W3025-T5	M 3	25	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
36689.W3030-T5	M 3	30	2.0	4.5	5.5	3.5	3	TX-10	Grade 5
36689.W4008-T5	M 4	8	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
36689.W4010-T5	M 4	10	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
36689.W4012-T5	M 4	12	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
36689.W4016-T5	M 4	16	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
36689.W4020-T5	M 4	20	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
36689.W4025-T5	M 4	25	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
36689.W4030-T5	M 4	30	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
36689.W4040-T5	M 4	40	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
36689.W4050-T5	M 4	50	2.8	6.0	7.0	4.5	4	TX-20	Grade 5
36689.W5010-T5	M 5	10	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
36689.W5012-T5	M 5	12	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
36689.W5016-T5	M 5	16	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
36689.W5020-T5	M 5	20	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
36689.W5025-T5	M 5	25	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
36689.W5030-T5	M 5	30	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
36689.W5040-T5	M 5	40	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
36689.W5050-T5	M 5	50	3.7	7.5	8.5	5.5	5	TX-25	Grade 5
36689.W6010-T5	M 6	10	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
36689.W6012-T5	M 6	12	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
36689.W6016-T5	M 6	16	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
36689.W6020-T5	M 6	20	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
36689.W6025-T5	M 6	25	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
36689.W6030-T5	M 6	30	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
36689.W6040-T5	M 6	40	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
36689.W6050-T5	M 6	50	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
36689.W6060-T5	M 6	60	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
36689.W6080-T5	M 6	80	4.2	7.5	10.0	6.5	6	TX-30	Grade 5
36689.W8012-T5	M 8	12	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
36689.W8016-T5	M 8	16	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
36689.W8020-T5	M 8	20	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
36689.W8025-T5	M 8	25	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
36689.W8030-T5	M 8	30	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
36689.W8035-T5	M 8	35	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
36689.W8040-T5	M 8	40	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
36689.W8045-T5	M 8	45	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
36689.W8050-T5	M 8	50	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
36689.W8060-T5	M 8	60	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5
36689.W8080-T5	M 8	80	6.0	10.0	13.0	8.5	8	TX-30*	Grade 5