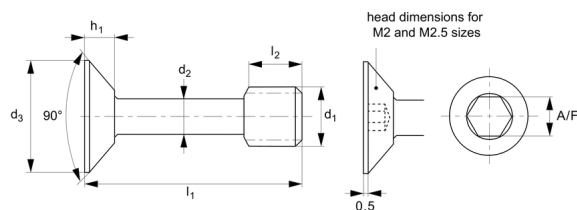


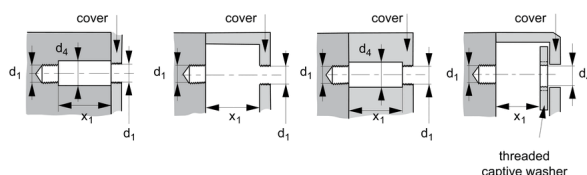
Captive Screws - Countersunk

hex drive - titanium

Captive Screws



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



36684.Ti

CAPTIVE SCREWS

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), brass, aluminium etc.

Technical Notes

Used to comply with the Machinery Direc-

tive 2006/42/EC. 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 hole.

Important Notes

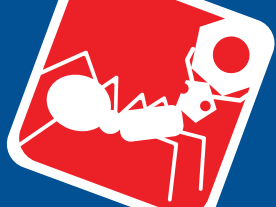
Please note that these screws have a reduced diameter shank and should not be

tightened to the recommended torque for an equivalent machine screw of size d₁. To accommodate the slight undercut at the top of the shank, the hex socket is smaller than on a similar threaded machine screw.

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.	A/F	Material
36684.W0210-T2	M 2	10	1.2	3.5	3.8	2.5	1.20	1.0	Grade 2
36684.W0212-T2	M 2	12	1.2	3.5	3.8	2.5	1.20	1.0	Grade 2
36684.W0216-T2	M 2	16	1.2	3.5	3.8	2.5	1.20	1.0	Grade 2
36684.W0220-T2	M 2	20	1.2	3.5	3.8	2.5	1.20	1.0	Grade 2
36684.W0251-T2	M 2.5	10	1.7	3.7	4.7	2.8	1.80	1.3	Grade 2
36684.W0252-T2	M 2.5	12	1.7	3.7	4.7	2.8	1.80	1.3	Grade 2
36684.W0253-T2	M 2.5	16	1.7	3.7	4.7	2.8	1.80	1.3	Grade 2
36684.W0254-T2	M 2.5	20	1.7	3.7	4.7	2.8	1.80	1.3	Grade 2
36684.W0308-T2	M 3	8	2.0	4.5	5.6	3.5	1.65	1.5	Grade 2
36684.W0310-T2	M 3	10	2.0	4.5	5.6	3.5	1.65	1.5	Grade 2
36684.W0312-T2	M 3	12	2.0	4.5	5.6	3.5	1.65	1.5	Grade 2
36684.W0316-T2	M 3	16	2.0	4.5	5.6	3.5	1.65	1.5	Grade 2
36684.W0320-T2	M 3	20	2.0	4.5	5.6	3.5	1.65	1.5	Grade 2
36684.W0325-T2	M 3	25	2.0	4.5	5.6	3.5	1.65	1.5	Grade 2
36684.W0330-T2	M 3	30	2.0	4.5	5.6	3.5	1.65	1.5	Grade 2
36684.W0335-T2	M 3	35	2.0	4.5	5.6	3.5	1.65	1.5	Grade 2
36684.W0340-T2	M 3	40	2.0	4.5	5.6	3.5	1.65	1.5	Grade 2
36684.W0410-T2	M 4	10	2.8	6.0	7.5	4.5	2.20	2.0	Grade 2
36684.W0412-T2	M 4	12	2.8	6.0	7.5	4.5	2.20	2.0	Grade 2
36684.W0414-T2	M 4	14	2.8	6.0	7.5	4.5	2.20	2.0	Grade 2
36684.W0416-T2	M 4	16	2.8	6.0	7.5	4.5	2.20	2.0	Grade 2
36684.W0420-T2	M 4	20	2.8	6.0	7.5	4.5	2.20	2.0	Grade 2
36684.W0425-T2	M 4	25	2.8	6.0	7.5	4.5	2.20	2.0	Grade 2
36684.W0430-T2	M 4	30	2.8	6.0	7.5	4.5	2.20	2.0	Grade 2
36684.W0435-T2	M 4	35	2.8	6.0	7.5	4.5	2.20	2.0	Grade 2
36684.W0440-T2	M 4	40	2.8	6.0	7.5	4.5	2.20	2.0	Grade 2
36684.W0450-T2	M 4	50	2.8	6.0	7.5	4.5	2.20	2.0	Grade 2
36684.W0460-T2	M 4	60	2.8	6.0	7.5	4.5	2.20	2.0	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.	A/F	Material
36684.W0512-T2	M 5	12	3.7	7.5	9.2	5.5	2.50	2.5	Grade 2
36684.W0514-T2	M 5	14	3.7	7.5	9.2	5.5	2.50	2.5	Grade 2
36684.W0516-T2	M 5	16	3.7	7.5	9.2	5.5	2.50	2.5	Grade 2
36684.W0520-T2	M 5	20	3.7	7.5	9.2	5.5	2.50	2.5	Grade 2
36684.W0525-T2	M 5	25	3.7	7.5	9.2	5.5	2.50	2.5	Grade 2
36684.W0530-T2	M 5	30	3.7	7.5	9.2	5.5	2.50	2.5	Grade 2
36684.W0535-T2	M 5	35	3.7	7.5	9.2	5.5	2.50	2.5	Grade 2
36684.W0540-T2	M 5	40	3.7	7.5	9.2	5.5	2.50	2.5	Grade 2
36684.W0550-T2	M 5	50	3.7	7.5	9.2	5.5	2.50	2.5	Grade 2
36684.W0560-T2	M 5	60	3.7	7.5	9.2	5.5	2.50	2.5	Grade 2
36684.W0616-T2	M 6	16	4.2	8.0	11.0	6.5	3.00	3.0	Grade 2
36684.W0620-T2	M 6	20	4.2	8.0	11.0	6.5	3.00	3.0	Grade 2
36684.W0625-T2	M 6	25	4.2	8.0	11.0	6.5	3.00	3.0	Grade 2
36684.W0630-T2	M 6	30	4.2	8.0	11.0	6.5	3.00	3.0	Grade 2
36684.W0635-T2	M 6	35	4.2	8.0	11.0	6.5	3.00	3.0	Grade 2
36684.W0640-T2	M 6	40	4.2	8.0	11.0	6.5	3.00	3.0	Grade 2
36684.W0650-T2	M 6	50	4.2	8.0	11.0	6.5	3.00	3.0	Grade 2
36684.W0660-T2	M 6	60	4.2	8.0	11.0	6.5	3.00	3.0	Grade 2
36684.W0820-T2	M 8	20	6.0	10.0	15.0	8.5	4.10	4.0	Grade 2
36684.W0825-T2	M 8	25	6.0	10.0	15.0	8.5	4.10	4.0	Grade 2
36684.W0830-T2	M 8	30	6.0	10.0	15.0	8.5	4.10	4.0	Grade 2
36684.W0840-T2	M 8	40	6.0	10.0	15.0	8.5	4.10	4.0	Grade 2
36684.W0850-T2	M 8	50	6.0	10.0	15.0	8.5	4.10	4.0	Grade 2
36684.W0860-T2	M 8	60	6.0	10.0	15.0	8.5	4.10	4.0	Grade 2
36684.W0210-T5	M 2	10	1.2	3.5	3.8	2.5	1.20	1.0	Grade 5
36684.W0212-T5	M 2	12	1.2	3.5	3.8	2.5	1.20	1.0	Grade 5
36684.W0216-T5	M 2	16	1.2	3.5	3.8	2.5	1.20	1.0	Grade 5
36684.W0220-T5	M 2	20	1.2	3.5	3.8	2.5	1.20	1.0	Grade 5
36684.W0251-T5	M 2.5	10	1.7	3.7	4.7	2.8	1.80	1.3	Grade 5
36684.W0252-T5	M 2.5	12	1.7	3.7	4.7	2.8	1.80	1.3	Grade 5
36684.W0253-T5	M 2.5	16	1.7	3.7	4.7	2.8	1.80	1.3	Grade 5
36684.W0254-T5	M 2.5	20	1.7	3.7	4.7	2.8	1.80	1.3	Grade 5
36684.W0308-T5	M 3	8	2.0	4.5	5.6	3.5	1.65	1.5	Grade 5
36684.W0310-T5	M 3	10	2.0	4.5	5.6	3.5	1.65	1.5	Grade 5
36684.W0312-T5	M 3	12	2.0	4.5	5.6	3.5	1.65	1.5	Grade 5
36684.W0316-T5	M 3	16	2.0	4.5	5.6	3.5	1.65	1.5	Grade 5
36684.W0320-T5	M 3	20	2.0	4.5	5.6	3.5	1.65	1.5	Grade 5
36684.W0325-T5	M 3	25	2.0	4.5	5.6	3.5	1.65	1.5	Grade 5
36684.W0330-T5	M 3	30	2.0	4.5	5.6	3.5	1.65	1.5	Grade 5
36684.W0335-T5	M 3	35	2.0	4.5	5.6	3.5	1.65	1.5	Grade 5
36684.W0340-T5	M 3	40	2.0	4.5	5.6	3.5	1.65	1.5	Grade 5
36684.W0410-T5	M 4	10	2.8	6.0	7.5	4.5	2.20	2.0	Grade 5
36684.W0412-T5	M 4	12	2.8	6.0	7.5	4.5	2.20	2.0	Grade 5
36684.W0414-T5	M 4	14	2.8	6.0	7.5	4.5	2.20	2.0	Grade 5
36684.W0416-T5	M 4	16	2.8	6.0	7.5	4.5	2.20	2.0	Grade 5
36684.W0420-T5	M 4	20	2.8	6.0	7.5	4.5	2.20	2.0	Grade 5
36684.W0425-T5	M 4	25	2.8	6.0	7.5	4.5	2.20	2.0	Grade 5
36684.W0430-T5	M 4	30	2.8	6.0	7.5	4.5	2.20	2.0	Grade 5
36684.W0435-T5	M 4	35	2.8	6.0	7.5	4.5	2.20	2.0	Grade 5
36684.W0440-T5	M 4	40	2.8	6.0	7.5	4.5	2.20	2.0	Grade 5
36684.W0450-T5	M 4	50	2.8	6.0	7.5	4.5	2.20	2.0	Grade 5
36684.W0460-T5	M 4	60	2.8	6.0	7.5	4.5	2.20	2.0	Grade 5
36684.W0512-T5	M 5	12	3.7	7.5	9.2	5.5	2.50	2.5	Grade 5
36684.W0514-T5	M 5	12	3.7	7.5	9.2	5.5	2.50	2.5	Grade 5
36684.W0516-T5	M 5	16	3.7	7.5	9.2	5.5	2.50	2.5	Grade 5
36684.W0520-T5	M 5	20	3.7	7.5	9.2	5.5	2.50	2.5	Grade 5
36684.W0525-T5	M 5	25	3.7	7.5	9.2	5.5	2.50	2.5	Grade 5
36684.W0530-T5	M 5	30	3.7	7.5	9.2	5.5	2.50	2.5	Grade 5
36684.W0535-T5	M 5	35	3.7	7.5	9.2	5.5	2.50	2.5	Grade 5
36684.W0540-T5	M 5	40	3.7	7.5	9.2	5.5	2.50	2.5	Grade 5
36684.W0550-T5	M 5	50	3.7	7.5	9.2	5.5	2.50	2.5	Grade 5
36684.W0560-T5	M 5	60	3.7	7.5	9.2	5.5	2.50	2.5	Grade 5
36684.W0616-T5	M 6	16	4.2	8.0	11.0	6.5	3.00	3.0	Grade 5
36684.W0620-T5	M 6	20	4.2	8.0	11.0	6.5	3.00	3.0	Grade 5
36684.W0625-T5	M 6	25	4.2	8.0	11.0	6.5	3.00	3.0	Grade 5
36684.W0630-T5	M 6	30	4.2	8.0	11.0	6.5	3.00	3.0	Grade 5
36684.W0635-T5	M 6	35	4.2	8.0	11.0	6.5	3.00	3.0	Grade 5
36684.W0640-T5	M 6	40	4.2	8.0	11.0	6.5	3.00	3.0	Grade 5



Captive Screws - Countersunk

hex drive - titanium



Captive Screws

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.	A/F	Material
36684.W0650-T5	M 6	50	4.2	8.0	11.0	6.5	3.00	3.0	Grade 5
36684.W0660-T5	M 6	60	4.2	8.0	11.0	6.5	3.00	3.0	Grade 5
36684.W0820-T5	M 8	20	6.0	10.0	15.0	8.5	4.10	4.0	Grade 5
36684.W0825-T5	M 8	25	6.0	10.0	15.0	8.5	4.10	4.0	Grade 5
36684.W0830-T5	M 8	30	6.0	10.0	15.0	8.5	4.10	4.0	Grade 5
36684.W0840-T5	M 8	40	6.0	10.0	15.0	8.5	4.10	4.0	Grade 5
36684.W0850-T5	M 8	50	6.0	10.0	15.0	8.5	4.10	4.0	Grade 5
36684.W0860-T5	M 8	60	6.0	10.0	15.0	8.5	4.10	4.0	Grade 5

CAPTIVE SCREWS