

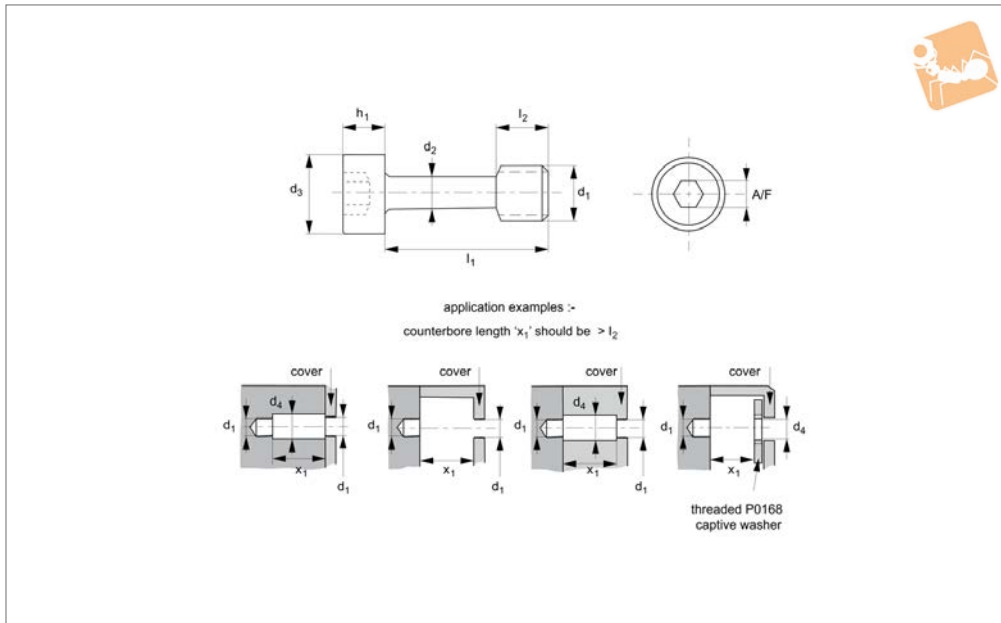


# Captive Screws - Cap Head

hex drive - steel, zinc-plated



Captive Screws



P0154.ZP

CAPTIVE SCREWS

### Material

Steel, white zinc-plated.  
Tensile strength 550 N/mm<sup>2</sup>.  
Also available on request in steel (anodised or black oxide), stainless steel (AISI 316, 1.440 or AISI 303, 1.4305), brass, aluminium etc.

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.

### 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>.

### Technical Notes

Used to comply with the Machinery Direc-

### Tips

For TX drive style, see P0156.

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.	A/F
P0154.025-005-ZP	M 2,5	5	1.8	3.0	4.5	2.8	2.5	2
P0154.025-008-ZP	M 2,5	8	1.8	3.0	4.5	2.8	2.5	2
P0154.025-010-ZP	M 2,5	10	1.8	3.0	4.5	2.8	2.5	2
P0154.025-012-ZP	M 2,5	12	1.8	3.0	4.5	2.8	2.5	2
P0154.030-008-ZP	M 3	8	2.0	4.5	5.5	3.5	3.0	2.5
P0154.030-010-ZP	M 3	10	2.0	4.5	5.5	3.5	3.0	2.5
P0154.030-012-ZP	M 3	12	2.0	4.5	5.5	3.5	3.0	2.5
P0154.030-016-ZP	M 3	16	2.0	4.5	5.5	3.5	3.0	2.5
P0154.030-020-ZP	M 3	20	2.0	4.5	5.5	3.5	3.0	2.5
P0154.030-025-ZP	M 3	25	2.0	4.5	5.5	3.5	3.0	2.5
P0154.030-030-ZP	M 3	30	2.0	4.5	5.5	3.5	3.0	2.5
P0154.040-010-ZP	M 4	10	2.8	6.0	7.0	4.5	4.0	3
P0154.040-012-ZP	M 4	12	2.8	6.0	7.0	4.5	4.0	3
P0154.040-016-ZP	M 4	16	2.8	6.0	7.0	4.5	4.0	3
P0154.040-020-ZP	M 4	20	2.8	6.0	7.0	4.5	4.0	3
P0154.040-025-ZP	M 4	25	2.8	6.0	7.0	4.5	4.0	3
P0154.040-030-ZP	M 4	30	2.8	6.0	7.0	4.5	4.0	3
P0154.040-035-ZP	M 4	35	2.8	6.0	7.0	4.5	4.0	3
P0154.040-040-ZP	M 4	40	2.8	6.0	7.0	4.5	4.0	3
P0154.040-050-ZP	M 4	50	2.8	6.0	7.0	4.5	4.0	3
P0154.050-012-ZP	M 5	12	3.7	7.5	8.5	5.5	5.0	4
P0154.050-016-ZP	M 5	16	3.7	7.5	8.5	5.5	5.0	4
P0154.050-020-ZP	M 5	20	3.7	7.5	8.5	5.5	5.0	4
P0154.050-025-ZP	M 5	25	3.7	7.5	8.5	5.5	5.0	4
P0154.050-030-ZP	M 5	30	3.7	7.5	8.5	5.5	5.0	4
P0154.050-035-ZP	M 5	35	3.7	7.5	8.5	5.5	5.0	4
P0154.050-040-ZP	M 5	40	3.7	7.5	8.5	5.5	5.0	4
P0154.050-050-ZP	M 5	50	3.7	7.5	8.5	5.5	5.0	4



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.	A/F
P0154.060-012-ZP	M 6	12	4.2	7.5	10.0	6.5	6.0	5
P0154.060-016-ZP	M 6	16	4.2	7.5	10.0	6.5	6.0	5
P0154.060-020-ZP	M 6	20	4.2	7.5	10.0	6.5	6.0	5
P0154.060-025-ZP	M 6	25	4.2	7.5	10.0	6.5	6.0	5
P0154.060-030-ZP	M 6	30	4.2	7.5	10.0	6.5	6.0	5
P0154.060-035-ZP	M 6	35	4.2	7.5	10.0	6.5	6.0	5
P0154.060-040-ZP	M 6	40	4.2	7.5	10.0	6.5	6.0	5
P0154.060-050-ZP	M 6	50	4.2	7.5	10.0	6.5	6.0	5
P0154.060-060-ZP	M 6	60	4.2	7.5	10.0	6.5	6.0	5
P0154.060-080-ZP	M 6	80	4.2	7.5	10.0	6.5	6.0	5
P0154.080-016-ZP	M 8	16	6.0	10.0	13.0	8.5	8.0	6
P0154.080-020-ZP	M 8	20	6.0	10.0	13.0	8.5	8.0	6
P0154.080-025-ZP	M 8	25	6.0	10.0	13.0	8.5	8.0	6
P0154.080-030-ZP	M 8	30	6.0	10.0	13.0	8.5	8.0	6
P0154.080-035-ZP	M 8	35	6.0	10.0	13.0	8.5	8.0	6
P0154.080-040-ZP	M 8	40	6.0	10.0	13.0	8.5	8.0	6
P0154.080-045-ZP	M 8	45	6.0	10.0	13.0	8.5	8.0	6
P0154.080-050-ZP	M 8	50	6.0	10.0	13.0	8.5	8.0	6
P0154.080-060-ZP	M 8	60	6.0	10.0	13.0	8.5	8.0	6
P0154.080-080-ZP	M 8	80	6.0	10.0	13.0	8.5	8.0	6
P0154.100-020-ZP	M10	20	7.5	12.5	16.0	10.6	10.0	8
P0154.100-025-ZP	M10	25	7.5	12.5	16.0	10.6	10.0	8
P0154.100-030-ZP	M10	30	7.5	12.5	16.0	10.6	10.0	8
P0154.100-035-ZP	M10	35	7.5	12.5	16.0	10.6	10.0	8
P0154.100-040-ZP	M10	40	7.5	12.5	16.0	10.6	10.0	8
P0154.100-045-ZP	M10	45	7.5	12.5	16.0	10.6	10.0	8
P0154.100-050-ZP	M10	50	7.5	12.5	16.0	10.6	10.0	8
P0154.100-060-ZP	M10	60	7.5	12.5	16.0	10.6	10.0	8
P0154.100-080-ZP	M10	80	7.5	12.5	16.0	10.6	10.0	8
P0154.120-025-ZP	M12	25	8.0	15.0	18.0	13.2	12.0	10
P0154.120-030-ZP	M12	30	8.0	15.0	18.0	13.2	12.0	10
P0154.120-035-ZP	M12	35	8.0	15.0	18.0	13.2	12.0	10
P0154.120-040-ZP	M12	40	8.0	15.0	18.0	13.2	12.0	10
P0154.120-045-ZP	M12	45	8.0	15.0	18.0	13.2	12.0	10
P0154.120-050-ZP	M12	50	8.0	15.0	18.0	13.2	12.0	10
P0154.120-060-ZP	M12	60	8.0	15.0	18.0	13.2	12.0	10
P0154.120-080-ZP	M12	80	8.0	15.0	18.0	13.2	12.0	10
P0154.160-030-ZP	M16	30	12.0	20.0	24.0	17.5	16.0	14
P0154.160-035-ZP	M16	35	12.0	20.0	24.0	17.5	16.0	14
P0154.160-040-ZP	M16	40	12.0	20.0	24.0	17.5	16.0	14
P0154.160-045-ZP	M16	45	12.0	20.0	24.0	17.5	16.0	14
P0154.160-050-ZP	M16	50	12.0	20.0	24.0	17.5	16.0	14
P0154.160-060-ZP	M16	60	12.0	20.0	24.0	17.5	16.0	14
P0154.160-080-ZP	M16	80	12.0	20.0	24.0	17.5	16.0	14
P0154.160-100-ZP	M16	100	12.0	20.0	24.0	17.5	16.0	14
P0154.200-040-ZP	M20	40	16.0	25.0	30.0	22.0	20.0	19
P0154.200-060-ZP	M20	60	16.0	25.0	30.0	22.0	20.0	19
P0154.200-080-ZP	M20	80	16.0	25.0	30.0	22.0	20.0	19
P0154.200-100-ZP	M20	100	16.0	25.0	30.0	22.0	20.0	19
P0154.200-120-ZP	M20	120	16.0	25.0	30.0	22.0	20.0	19