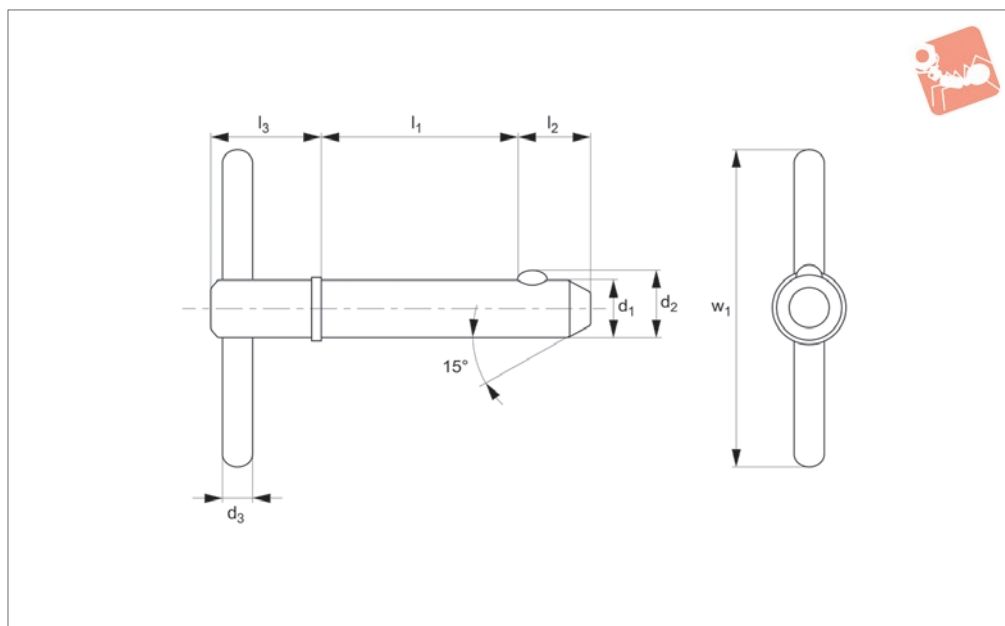




Detent Pin - T Handle - Shoulder steel

Ball Lock Pins & Quick Release



33018

BALL LOCK PINS & QUICK RELEASE PINS

Material

Shaft: Carbon steel (C1144), zinc plated.
Ball & spring: Stainless steel AISI 316.

Technical Notes

Detent pins are very economical for use in commercial and military equipment.
The solid body with direct spring loaded

ball ensures reliable operation.
Can be used for locking telescopic tubing, securing bracket assemblies, as anchor clevis fittings, hinge pins and as replacement for cotter pins where frequent removal is necessary.
Hole sizes - commercial drills provide clear-

ance for our standard pins.
Inch dimensions in brackets ().

Tips

Also available in stainless steel see part no. P.

Order No.	d_1 +0.00 -0.08	l_1 grip +1.50 -0.00	d_2	d_3	l_2	l_3	Pull out strength kg	w_1	Single shear strength kN min.
33018.W1803	4,76 (3/16")	7,62 (0,3")	5.18	2.38	5.08	17.45	1,9 - 2,3	25.4	10.8
33018.W1805	4,76 (3/16")	12,7 (0,5")	5.18	2.38	5.08	17.45	1,9 - 2,3	25.4	10.8
33018.W1810	4,76 (3/16")	25,4 (1")	5.18	2.38	5.08	17.45	1,9 - 2,3	25.4	10.8
33018.W1815	4,76 (3/16")	38,1 (1,5")	5.18	2.38	5.08	17.45	1,9 - 2,3	25.4	10.8
33018.W1820	4,76 (3/16")	50,8 (2")	5.18	2.38	5.08	17.45	1,9 - 2,3	25.4	10.8
33018.W1825	4,76 (3/16")	63,5 (2,5")	5.18	2.38	5.08	17.45	1,9 - 2,3	25.4	10.8
33018.W1830	4,76 (3/16")	76,2 (3")	5.18	2.38	5.08	17.45	1,9 - 2,3	25.4	10.8
33018.W1835	4,76 (3/16")	88,9 (3,5")	5.18	2.38	5.08	17.45	1,9 - 2,3	25.4	10.8
33018.W1840	4,76 (3/16")	101,6 (4")	5.18	2.38	5.08	17.45	1,9 - 2,3	25.4	10.8
33018.W2505	6,35 (1/4")	12,7 (0,5")	7.26	3.17	7.92	18.29	2,27 - 2,73	25.4	19.3
33018.W2506	6,35 (1/4")	15,24 (0,6")	7.26	3.17	7.92	18.29	2,27 - 2,73	25.4	19.3
33018.W2510	6,35 (1/4")	25,4 (1")	7.26	3.17	7.92	18.29	2,27 - 2,73	25.4	19.3
33018.W2515	6,35 (1/4")	38,1 (1,5")	7.26	3.17	7.92	18.29	2,27 - 2,73	25.4	19.3
33018.W2520	6,35 (1/4")	50,8 (2")	7.26	3.17	7.92	18.29	2,27 - 2,73	25.4	19.3
33018.W2525	6,35 (1/4")	63,5 (2,5")	7.26	3.17	7.92	18.29	2,27 - 2,73	25.4	19.3
33018.W2530	6,35 (1/4")	76,2 (3")	7.26	3.17	7.92	18.29	2,27 - 2,73	25.4	19.3
33018.W2535	6,35 (1/4")	88,9 (3,5")	7.26	3.17	7.92	18.29	2,27 - 2,73	25.4	19.3
33018.W2540	6,35 (1/4")	101,6 (4")	7.26	3.17	7.92	18.29	2,27 - 2,73	25.4	19.3
33018.W3105	7,94 (5/16")	12,7 (0,5")	9.09	3.96	9.53	19.05	2,27 - 2,73	25.4	30.0
33018.W3110	7,94 (5/16")	25,4 (1")	9.09	3.96	9.53	19.05	2,27 - 2,73	25.4	30.0
33018.W3115	7,94 (5/16")	38,1 (1,5")	9.09	3.96	9.53	19.05	2,27 - 2,73	25.4	30.0
33018.W3120	7,94 (5/16")	50,8 (2")	9.09	3.96	9.53	19.05	2,27 - 2,73	25.4	30.0
33018.W3125	7,94 (5/16")	63,5 (2,5")	9.09	3.96	9.53	19.05	2,27 - 2,73	25.4	30.0
33018.W3130	7,94 (5/16")	76,2 (3")	9.09	3.96	9.53	19.05	2,27 - 2,73	25.4	30.0
33018.W3135	7,94 (5/16")	88,9 (3,5")	9.09	3.96	9.53	19.05	2,27 - 2,73	25.4	30.0
33018.W3140	7,94 (5/16")	101,6 (4")	9.09	3.96	9.53	19.05	2,27 - 2,73	25.4	30.0
33018.W3145	7,94 (5/16")	114,3 (4,5")	9.09	3.96	9.53	19.05	2,27 - 2,73	25.4	30.0
33018.W3150	7,94 (5/16")	127 (5")	9.09	3.96	9.53	19.05	2,27 - 2,73	25.4	30.0
33018.W3705	9,53 (3,8")	12,7 (0,5")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3



Order No.	d ₁ +0.00 -0.08	l ₁ grip +1.50 -0.00	d ₂	d ₃	l ₂	l ₃	Pull out strength kg	w ₁	Single shear strength kN min.
33018.W3706	9,53 (3,8")	15,24 (0,6")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3710	9,53 (3,8")	25,4 (1")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3715	9,53 (3,8")	38,1 (1,5")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3718	9,53 (3,8")	45,72 (1,8")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3720	9,53 (3,8")	50,8 (2")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3725	9,53 (3,8")	63,5 (2,5")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3730	9,53 (3,8")	76,2 (3")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3735	9,53 (3,8")	88,9 (3,5")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3740	9,53 (3,8")	101,6 (4")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3745	9,53 (3,8")	114,3 (4,5")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3750	9,53 (3,8")	127 (5")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3755	9,53 (3,8")	139,7 (5,5")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W3760	9,53 (3,8")	152,4 (6")	10.82	3.96	12.7	19.05	3,63 - 4,54	25.4	43.3
33018.W4305	11,11(7/16")	12,7 (0,5")	12.6	3.96	14.27	24.13	4,09 - 5,45	25.4	58.9
33018.W4310	11,11(7/16")	25,4 (1")	12.6	3.96	14.27	24.13	4,09 - 5,45	25.4	58.9
33018.W4315	11,11(7/16")	38,1 (1,5")	12.6	3.96	14.27	24.13	4,09 - 5,45	25.4	58.9
33018.W4320	11,11(7/16")	50,8 (2")	12.6	3.96	14.27	24.13	4,09 - 5,45	25.4	58.9
33018.W4325	11,11(7/16")	63,5 (2,5")	12.6	3.96	14.27	24.13	4,09 - 5,45	25.4	58.9
33018.W4330	11,11(7/16")	76,2 (3")	12.6	3.96	14.27	24.13	4,09 - 5,45	25.4	58.9