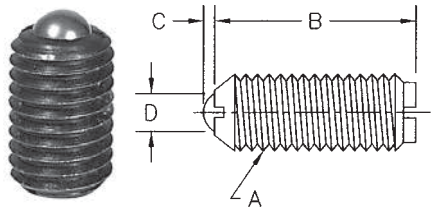
Ball Plungers

Metric



- Body Materials: Low Carbon Steel, Black Oxide or 303 Stainless Steel
- Ball: Stainless, 440
- Spring: Stainless, 17-7 PH
- Thread: Class 6g
- 3D Solid Models are available in multiple formats from www.jergensinc.com

NOTE: For easy insertion of Ball Plungers with locking elements, the tapped hole should be countersunk at least .030-.045 (0.76-1.14mm) larger than the major diameter of the plunger.

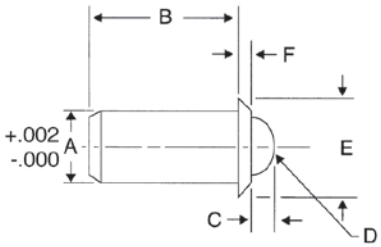
Metric – Steel & SS Tip With Locking Element

SS Part Number	Steel Part Number	Thread Size A	Initial Force (kg)	Final Force (kg)	B	C	D
11051	10971	M4 x 0.7	0.23	0.56	9.00	0.60	2.38
11052	10972	M5 x 0.8	0.23	0.68	13.00	0.60	2.38
11053	10973	M5 x 0.8	0.68	1.35	13.00	0.60	2.38
11054	10974	M5 x 0.8	0.90	2.25	13.00	0.60	2.38
11055	10975	M6 x 1.0	0.90	1.80	13.50	0.90	3.18
11056	10976	M6 x 1.0	1.35	3.15	13.50	0.90	3.18
11057	10977	M6 x 1.0	1.80	5.40	13.50	0.90	3.18
11058	10978	M8 x1.25	0.90	2.03	15.00	1.00	3.97
11059	10979	M8 x1.25	1.80	4.05	15.00	1.00	3.97
11060	10980	M8 x1.25	2.70	7.65	15.00	1.00	3.97
11061	10981	M10 x 1.5	1.13	2.25	16.00	1.20	4.76
11062	10982	M10 x 1.5	2.25	4.50	16.00	1.20	4.76
11063	10983	M10 x 1.5	2.70	9.45	16.00	1.20	4.76
11064	10984	M12 x 1.75	1.35	2.70	19.00	2.00	7.14
11065	10985	M12 x 1.75	2.70	5.40	19.00	2.00	7.14
11066	10986	M12 x 1.75	2.70	13.50	19.00	2.00	7.14
11067	10987	M16 x 2.0	2.00	4.00	25.40	2.40	9.50
11068	10988	M16 x 2.0	4.00	8.10	25.40	2.40	9.50
11069	10989	M16 x 2.0	3.10	22.70	25.40	2.40	9.50

Without Locking Element

SS Part Number	Steel Part Number
10951	10871
10952	10872
10953	10873
10954	10874
10955	10875
10956	10876
10957	10877
10958	10878
10959	10879
10960	10880
10961	10881
10962	10882
10963	10883
10964	10884
10965	10885
10966	10886
10967	10887
10968	10888
10969	10889

Press Fit Plungers



- Body Material: Low Carbon Steel
- Ball Material: Stainless, 400
- Spring Material: 17-7 PH
- Finish: Black Oxide on Body

Heavy Force

Part Number	Stainless Steel Part Number	Force (lbs) Initial	Force (lbs) Final	A	B	C	Ball Dia. D	E	F
10832	11032	2	5	.188	.405	.058	.156	.250	.035
10834	11034	3	7	.250	.481	.070	.187	.312	.044
10836	11036	5	14	.375	.785	.110	.312	.500	.078
10838	11038	8	18	.500	1.130	.161	.437	.688	.088

Light Force

Part Number	Stainless Steel Part Number	Force (lbs) Initial	Force (lbs) Final	A	B	C	Ball Dia. D	E	F
10831	11031	1	2.5	.188	.405	.058	.156	.250	.035
10833	11033	1.5	3.5	.250	.481	.070	.187	.312	.044
10835	11035	2.5	7	.375	.785	.110	.312	.500	.078
10837	11037	4	9	.500	1.130	.161	.437	.688	.088