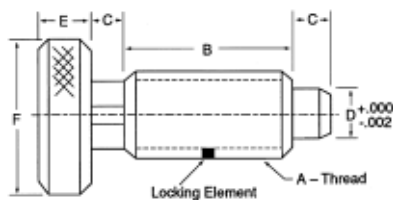


Hand Retractable Plungers

locking design



- Available in zinc-plated steel or stainless steel
- All plungers include nylon locking element
- Available in heavy or light pressure
- Metric and inch sizes available
- Plunger can be withdrawn completely into the body and locked in a fully retracted position
- To engage the plunger, simply turn the head to line up with the slot in body



INCH SIZES

Steel PART #	Stainless Steel PART #	End Pressure Pounds		A	B	C	D	E	F
		Start	Full						
HRP-05	HRP-05SS	1	3.5	#10-32	13/32	3/32	.104	3/16	3/8
HRP-10	HRP-10SS	1	5	1/4-20	1/2	1/8	.124	1/4	1/2
HRP-20	HRP-20SS	1-1/2	6	5/16-18	5/8	3/16	.155	15/64	5/8
HRP-30	HRP-30SS	1-1/2	8	3/8-16	3/4	7/32	.186	1/4	3/4
HRP-40	HRP-40SS	2-1/2	10	1/2-13	7/8	1/4	.249	3/8	1"
HRP-42	HRP-42SS	5	10	5/8-11	1"	5/16	.311	13/32	1-1/8
HRP-43	HRP-43SS	1.5	16	3/4-10	1-1/4	7/16	.375	1/2	1-1/2

Steel PART #	Stainless Steel PART #	End Pressure Pounds		A	B	C	D	E	F
		Start	Full						
HRP-50	HRP-50SS	.5	2.0	#10-32	13/32	3/32	.104	3/16	3/8
HRP-60	HRP-60SS	.5	2.5	1/4-20	1/2	1/8	.124	1/4	1/2
HRP-70	HRP-70SS	.75	3.0	5/16-18	5/8	3/16	.155	15/64	5/8
HRP-80	HRP-80SS	.75	4.0	3/8-16	3/4	7/32	.186	1/4	3/4
HRP-90	HRP-90SS	1.25	5.0	1/2-13	7/8	1/4	.249	3/8	1"
HRP-92	HRP-92SS	3	6.0	5/8-11	1"	5/16	.311	13/32	1-1/8

METRIC SIZES

Steel PART #	Stainless Steel PART #	End Pressure Newtons		A	B	C	D	E	F
		Start	Full						
HRP-105	HRP-105SS	4.5	15.5	M5 x .8	10.3mm	2.4mm	2mm	4.7mm	9.5mm
HRP-110	HRP-110SS	4.5	22	M6 x 1.0	12.5	3.17	3	6.3	12.7
HRP-120	HRP-120SS	6.5	26.5	M8 x 1.25	16	4.75	4	7.0	15.8
HRP-130	HRP-130SS	6.5	35.5	M10 x 1.5	19	5.50	5	7.9	19
HRP-140	HRP-140SS	11	45	M12 x 1.75	22	6.35	6	9.4	25.4
HRP-145	HRP-145SS	22	45	M16 x 2.0	25.4	7.92	8	10.3	28.6

Steel PART #	Stainless Steel PART #	End Pressure Newtons		A	B	C	D	E	F
		Start	Full						
HRP-150	HRP-150SS	2	9	M5 x .8	10.3mm	2.4mm	2mm	4.7mm	9.5mm
HRP-160	HRP-160SS	2	11	M6 x 1.0	12.5	3.17	3	6.3	12.7
HRP-170	HRP-170SS	3	13	M8 x 1.25	16	4.75	4	7.0	15.8
HRP-180	HRP-180SS	3	18	M10 x 1.5	19	5.50	5	7.9	19
HRP-190	HRP-190SS	5.5	22	M12 x 1.75	22	6.35	6	9.4	25.4
HRP-195	HRP-195SS	12	26.5	M16 x 2.0	25.4	7.92	8	10.3	28.6