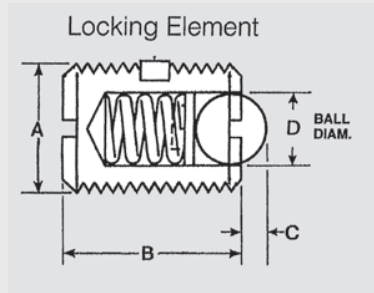


# BP | Steel Ball Plungers

Inch Size • Threaded Body Type



RoHS Compliant

## Body and spring

Steel

## Ball

Type 440 stainless steel

Zinc plated body indicates light end pressure.

Black oxide body indicates standard end pressure.

Yellow zinc-plated body indicates heavy end pressure.

All plungers with thread size 1/4-20 and smaller will have nylon patch

Ball plungers are compact units ideally suited for many locating or positioning applications in dies, special tooling, automatic feed devices, etc. where controlled end pressure is required.

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Indexing, Spring and Ball Plungers

## Inch Table

Dimensions in: inches (millimeters)

Part Number		A	D	B	C	Color	End Force Lbs. Initial	End Force Lbs. End
Standard	NLE**	Thread						
L04-4162	L04-4219*	10-32	.0937 (2.38)	.513 (13.03)	.025 (.635)	Zinc	.5	1.5
L04-4159	L04-4216*	10-32	.0937 (2.38)	.513 (13.03)	.025 (.635)	Black	1.5	3
L04-4165	L04-4222*	10-32	.0937 (2.38)	.513 (13.03)	.025 (.635)	Gold	2	5
L04-4171	L04-4228*	1/4-20	.1250 (3.18)	.531 (13.48)	.035 (.889)	Zinc	2	4
L04-4168	L04-4225	1/4-20	.1250 (3.18)	.531 (13.48)	.035 (.889)	Black	3	7
L04-4174	L04-4231	1/4-20	.1250 (3.18)	.531 (13.48)	.035 (.889)	Gold	4	12
L04-4180	L04-4237	5/16-18	.1560 (3.96)	.578 (14.68)	.040 (1.02)	Zinc	2	4.5
L04-4177	L04-4234	5/16-18	.1560 (3.96)	.578 (14.68)	.040 (1.02)	Black	4	9
L04-4183	L04-4240	5/16-18	.1560 (3.96)	.578 (14.68)	.040 (1.02)	Gold	6	17
L04-4189	L04-4246	3/8-16	.1875 (4.76)	.625 (15.88)	.048 (1.22)	Zinc	2.5	5
L04-4186	L04-4243	3/8-16	.1875 (4.76)	.625 (15.88)	.048 (1.22)	Black	5	10

Table continued...

\* With nylon patch

\*\* With nylon locking element. Not recommended in aluminum applications.

**BP | Steel Ball Plungers | Inch Size • Threaded Body Type**

Dimensions in: inches (*millimeters*)

Part Number		A Thread	D	B	C	Color	End Force Lbs.	
Standard	NLE**						Initial	End
L04-4192	L04-4249	3/8-16	.1875 (4.76)	.625 (15.88)	.048 (1.22)	Gold	6	21
L04-4198	L04-4255	1/2-13	.2813 (7.15)	.750 (19.05)	.072 (1.83)	Zinc	3	6
L04-4195	L04-4252	1/2-13	.2813 (7.15)	.750 (19.05)	.072 (1.83)	Black	6	12
L04-4201	L04-4258	1/2-13	.2813 (7.15)	.750 (19.05)	.072 (1.83)	Gold	6	30
L04-4207	L04-4264	5/8-11	.3750 (9.53)	.984 (24.99)	.096 (2.44)	Zinc	4.5	9
L04-4204	L04-4261	5/8-11	.3750 (9.53)	.984 (24.99)	.096 (2.44)	Black	9	18
L04-4210	L04-4267	5/8-11	.3750 (9.53)	.984 (24.99)	.096 (2.44)	Gold	7	50

\* With nylon patch

\*\* With nylon locking element. Not recommended in aluminum applications.