



SS Stainless Steel

3 Type

- BN** Standard spring load
- BSN** High spring load

4 Identification

- A** Without locking element
- N** With locking element

Inch table

Dimensions in: inches - millimeters

1 d₁		d₂	Length l	w	2 Spring load ≈ (Type BN)		2 Spring load ≈ (Type BSN)	
Type BN	Type BSN			Compression	Initial	End	Initial	End
6 x 32*	6 x 32*	0.045 1.1	0.530 13.5	0.060 1.5	0.50 lbf 2.22 N	1.50 lbf 6.67 N	1.50 lbf 6.67 N	4.50 lbf 20.02 N
-	6 x 32*	0.045 1.1	0.380 9.7	0.060 1.5	-	-	1.00 lbf 4.44 N	1.60 lbf 7.12 N
8 x 32*	8 x 32*	0.070 1.8	0.625 15.9	0.093 2.4	0.70 lbf 3.11 N	2.30 lbf 10.23 N	2.70 lbf 12.01 N	7.30 lbf 32.47 N
10 x 32*	10 x 32*	0.093 2.4	0.750 19.1	0.125 3.2	1.30 lbf 5.78 N	2.70 lbf 12.01 N	2.90 lbf 12.89 N	11.10 lbf 49.38 N
-	1/4 x 20	0.119 3.0	0.750 19.1	0.125 3.2	-	-	2.00 lbf 8.89 N	9.00 lbf 40.03 N
1/4 x 20	1/4 x 20	0.119 3.0	1.000 25.4	0.187 4.7	1.00 lbf 4.44 N	4.00 lbf 17.79 N	3.00 lbf 13.34 N	13.00 lbf 57.83 N
1/4 x 28	1/4 x 28	0.119 3.0	1.000 25.4	0.187 4.7	1.00 lbf 4.44 N	4.00 lbf 17.79 N	3.00 lbf 13.34 N	13.00 lbf 57.83 N
5/16 x 18	5/16 x 18	0.135 3.4	1.000 25.4	0.187 4.7	1.50 lbf 6.67 N	4.50 lbf 20.02 N	3.00 lbf 13.34 N	15.00 lbf 66.72 N
3/8 x 16	3/8 x 16	0.186 4.7	1.125 28.6	0.187 4.7	2.80 lbf 12.45 N	7.20 lbf 32.03 N	5.50 lbf 24.46 N	14.50 lbf 64.50 N
1/2 x 13	1/2 x 13	0.248 6.3	1.250 31.8	0.250 6.4	2.70 lbf 12.01 N	9.30 lbf 41.37 N	6.60 lbf 29.35 N	17.40 lbf 77.40 N
5/8 x 11	-	0.310 7.9	1.500 38.1	0.312 7.9	3.50 lbf 15.56 N	10.50 lbf 46.71 N	-	-
1 x 8	-	0.498 12.6	2.410 61.2	0.500 12.7	4.00 lbf 17.79 N	31.00 lbf 137.89 N	-	-

* These sizes come with a nylon patch instead of a nylon locking element

Specification

- Housing / nose pin / spring
Stainless steel AISI 303
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

SPSSNL spring plungers have a multitude of uses in fixtures, jigs, dies, as detents and in other tooling applications. They give sure and positive spring tension. End spring loads shown are with plunger end halfway telescoped.

The locking element is supplied as either a patch or pellet and is not recommended for use in aluminum applications.

How to order	
1	Thread d₁
2	End spring load in N
3	Type
4	Identification

SPSSNL-3/8X16-32.03-BN-A