



**SS** Stainless Steel

**2 Type**

- K** Steel, standard spring load
- KS** Steel, high spring load
- KN** Stainless steel, standard spring load
- KSN** Stainless steel, high spring load

**3 Identification**

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

**Inch table**

**1**

Dimensions in: inches - millimeters

d <sub>1</sub>	d <sub>2</sub> -0.002	Length L	w Compression	Spring load ≈ (Type K / KN)		Spring load ≈ (Type KS / KSN)	
				Initial	End	Initial	End
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*	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 49.37 N
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 57.82 N
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 57.82 N
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 20.01 N	3.00 lbf 13.34 N	15.00 lbf 66.72 N
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 32.02 N	5.50 lbf 24.46 N	14.50 lbf 64.49 N
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 41.36 N	6.60 lbf 29.35 N	17.40 lbf 77.39 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 46.7 N	10.50 lbf 46.7 N	25.50 lbf 113.42 N

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

**Specification**

- DNSP (Type K / KS)
  - Housing / spring  
Steel, blackened finish
  - Nose pin  
Delrin® plastic  
**Black:** high spring load  
**White:** light spring load
- SPSSDN (Type KN / KSN)
  - Housing / spring  
Stainless steel AISI 303
  - Nose pin  
Delrin® plastic
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

**Information**

DNSP and SPSSDN spring plungers offer long life and high resistance to repeated impacts, moisture, solvents, and heat up to 190 °F (88 °C). Delrin® plastic nose pins have electrical insulating properties and will not mar soft metals such as brass or aluminum. Has a self-lubricating surface.

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

see also...

- [Spring Plungers SPSSNL \(with Stainless Steel Nose Pin\)](#) → page 1044

How to order (Steel)	<b>1</b> Thread d <sub>1</sub>
<b>DNSP-1/4X28-KS-N</b>	<b>2</b> Type
	<b>3</b> Identification

How to order (Stainless steel)	<b>1</b> Thread d <sub>1</sub>
<b>SPSSDN-5/16X18-KN-A</b>	<b>2</b> Type
	<b>3</b> Identification

3.1  
3.2  
3.3  
3.4  
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3.10