



SS Stainless Steel

**3 Type**

- ST** Steel, without patch
- STP** Steel, with patch
- NI** Stainless steel, without patch
- NIP** Stainless steel, with patch

**Inch table**

1 <b>d<sub>1</sub></b>	2 <b>d<sub>2</sub></b> Thread	<b>d<sub>3</sub></b>	<b>l<sub>1</sub></b>	<b>l<sub>2</sub></b>	<b>l<sub>3</sub></b>	<b>l<sub>4</sub></b>	Dimensions in: inches - millimeters	
							Spring load ≈ Initial	End
0.123 3.1	1/4 x 20	0.500 12.7	0.500 12.7	0.13 3.3	0.313 8.0	0.19 4.8	1.00 lbf 4.45 N	4.00 lbf 17.79 N
0.154 3.9	5/16 x 18	0.625 15.9	0.625 15.9	0.19 4.8	0.375 9.5	0.25 6.4	1.00 lbf 4.45 N	5.00 lbf 22.24 N
0.185 4.7	3/8 x 16	0.750 19.1	0.750 19.1	0.22 5.6	0.500 12.7	0.31 7.9	1.00 lbf 4.45 N	8.00 lbf 35.58 N
0.248 6.3	1/2 x 13	1.000 25.4	0.875 22.2	0.25 6.4	0.625 15.9	0.38 9.7	1.00 lbf 4.45 N	10.00 lbf 44.48 N

**Specification**

- **LRSP**
  - Threaded body  
Low carbon steel, zinc plated
  - Plunger pin  
Case-hardened steel, zinc plated
  - Spring  
Steel
- **LRSS**
  - Threaded body  
Stainless steel AISI 303
  - Plunger pin  
Stainless steel AISI 303
  - Spring  
Stainless steel

• [Stainless Steel Characteristics](#) → page 2143

• [RoHS compliant](#)

**Information**

LRSP and LRSS hand retractable spring plungers have a lock-out feature where the pin is required to stay in the retracted position for an extended period of time. Lift up and turn the knurled knob 90 degrees for it to be placed in the retracted position.

The stainless steel version is intended for use in certain corrosion free environments where an application requiring a part to be located or indexed into a particular position is needed.

see also...

- [List of Indexing Plunger Types](#) → page 915

How to order (Steel)	1 Pin diameter d <sub>1</sub>
<b>LRSP-0.123-1/4X20-ST</b>	2 Thread d <sub>2</sub>
	3 Type
How to order (Stainless steel)	1 Pin diameter d <sub>1</sub>
<b>LRSS-0.185-3/8X16-NIP</b>	2 Thread d <sub>2</sub>
	3 Type

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10

