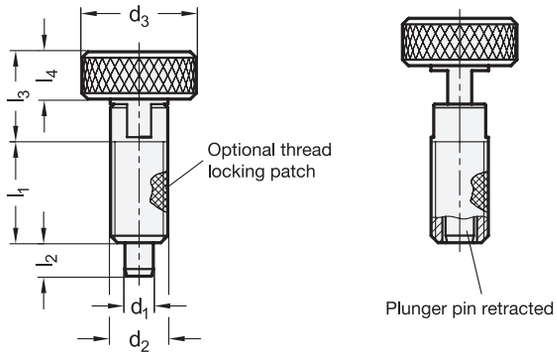
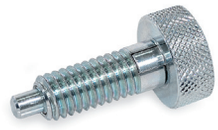
Hand Retractable Spring Plungers

Lock-Out, with Knurled Handle



Inch



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

Dimensions in: inches - *millimeters*

1 d_1	2 d_2	d_3	l_1	l_2	l_3	l_4	Spring load ≈ Initial	Spring load ≈ 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 2 3 **LRSP-0.123-1/4X20-ST**	1	**Pin diameter d_1**
	2	**Thread d_2**
	3	**Type**

How to order (Stainless steel)		
1 2 3 **LRSS-0.185-3/8X16-NIP**	1	**Pin diameter d_1**
	2	**Thread d_2**
	3	**Type**