



**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 <sub>1</sub>	2 d <sub>2</sub> Thread	d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	Spring load ≈	
							Initial	End
.104 2.6	10 x 32	.375 9.5	.400 10.2	.09 2.3	.250 6.4	.13 3.3	.50 lbf 2.22 N	3.00 lbf 13.34 N
.124 3.1	1/4 x 20	.500 12.7	.500 12.7	.13 3.3	.313 8.0	.19 4.8	1.00 lbf 4.45 N	4.00 lbf 17.79 N
.155 3.9	5/16 x 18	.625 15.9	.625 15.9	.19 4.8	.375 9.5	.25 6.4	1.00 lbf 4.45 N	6.00 lbf 26.68 N
.186 4.7	3/8 x 16	.750 19.1	.750 19.1	.22 5.6	.500 12.7	.31 7.9	1.00 lbf 4.45 N	8.00 lbf 35.58 N
.249 6.3	1/2 x 13	1.00 25.4	.875 22.2	.25 6.4	.625 15.9	.38 9.7	1.00 lbf 4.45 N	10.00 lbf 44.48 N

**Specification**

• **HRSP**

- Threaded body  
Low carbon steel, zinc plated
- Plunger pin  
Case hardened steel, zinc plated
- Spring  
Steel

• **HRSS**

- Threaded body  
Stainless steel  
European Standard No. 1.4305 (AISI 303)
- Plunger pin  
Stainless steel  
European Standard No. 1.4305 (AISI 303)
- Spring  
Stainless steel

• **RoHS compliant**

**Information**

HRSP and HRSS hand retractable spring plungers are intended for use in applications requiring a part to be located or indexed into a particular position and does not require the pin to remain retracted for long periods of time.

see also...

- [List of Indexing Plunger Types](#)

How to order (Steel)	1 Pin diameter d <sub>1</sub>
1 2 3 <b>HRSP-0.104-10X32-ST</b>	2 Thread d <sub>2</sub>
	3 Type
How to order (Stainless steel)	1 Pin diameter d <sub>1</sub>
1 2 3 <b>HRSS-0.249-1/2X13-NIP</b>	2 Thread d <sub>2</sub>
	3 Type