



SS Stainless Steel

Inch table

Dimensions in: inches - millimeters

d ₁	d ₂	Length l	t min.	A/F	Static load TSP		Static load TSPS	
					Steel pad	Plastic pad	Stainless steel pad	Plastic pad
0.63 16.0	1/4 x 20	0.63 16.0	0.31 7.9	0.50 12.7	3900 lbf 17.35 kN	360 lbf 1.60 kN	5000 lbf 22.24 kN	360 lbf 1.60 kN
0.69 17.5	5/16 x 18	0.75 19.1	0.38 9.7	0.56 14.2	5900 lbf 26.24 kN	360 lbf 1.60 kN	7600 lbf 33.81 kN	360 lbf 1.60 kN
0.75 19.1	3/8 x 16	0.81 20.6	0.38 9.7	0.63 16.0	6400 lbf 28.47 kN	570 lbf 2.54 kN	8250 lbf 36.70 kN	570 lbf 2.54 kN
0.88 22.4	1/2 x 13	0.94 23.9	0.44 11.2	0.75 19.1	7000 lbf 31.14 kN	570 lbf 2.54 kN	9000 lbf 40.03 kN	570 lbf 2.54 kN
1.00 25.4	5/8 x 11	1.00 25.4	0.44 11.2	0.88 22.4	10000 lbf 44.48 kN	1000 lbf 4.45 kN	12900 lbf 57.38 kN	1000 lbf 4.45 kN
1.25 31.8	3/4 x 10	1.34 34.0	0.63 16.0	1.06 26.9	13500 lbf 60.05 kN	1300 lbf 5.78 kN	17400 lbf 77.40 kN	1300 lbf 5.78 kN
1.63 41.4	1 x 8	1.83 46.5	0.81 20.6	1.38 35.1	18750 lbf 83.40 kN	1570 lbf 6.98 kN	24200 lbf 107.65 kN	1570 lbf 6.98 kN

Specification

- **TSP**
Tapped ball socket
Steel
- Grade 2
- Heat treated
- Yellow zinc plated finish
Pad
- Steel **ST**
Heat treated, yellow zinc plated finish
- Plastic **PA**
White Delrin®
- **TSPS**
Tapped ball socket
Stainless steel AISI 303
Pad
- Stainless steel AISI 303 **NI**
- Plastic **PA**
White Delrin®

- [Plastic Characteristics](#) → page 2135
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

Information

TSP and TSPS toggle pads swivel 10 degrees in any direction which allows automatic seating against the surface of the workpiece when force is applied, thus eliminating clamp slippage.

see also...

- [Toggle Pads GN 346 \(Metric Size\)](#) → page 1130
- [Toggle Pads STP \(Inch Size, Serrated\)](#) → page 1133

How to order (Steel)	1 Diameter d ₁
TSP-1.00-5/8X11-PA	2 Thread d ₂
	3 Pad material

How to order (Stainless steel)	1 Diameter d ₁
TSPS-0.63-1/4X20-NI	2 Thread d ₂
	3 Pad material