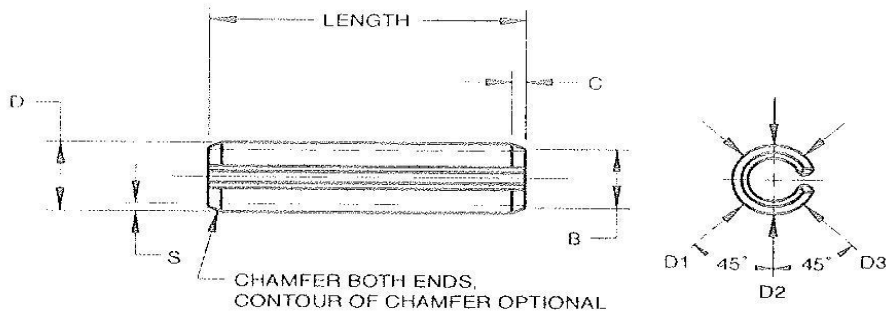


Socket Screws Australia



Slotted Spring Pins - METRIC ASME B18.8.4M



(Dimensions in 'mm')

Nominal Pin Diameter	Pin Diam. D		Chamfer Length C		Wall Thickness S	Chamfer Diameter B
	Min	Max.	Min.	Max.	Nom.	Max.
1.5	1.58	1.66	0.15	0.7	0.35	1.4
2	2.10	2.19	0.20	0.8	0.45	1.9
2.5	2.62	2.72	0.20	0.9	0.55	2.4
3	3.14	3.25	0.20	1.0	0.65	2.9
4	4.16	4.30	0.30	1.2	0.80	3.9
5	5.17	5.33	0.30	1.4	1.00	4.8
6	6.18	6.36	0.40	1.6	1.20	5.8
8	8.22	8.45	0.40	2.0	1.60	7.8
10	10.25	10.51	0.50	2.4	3.00	9.7
12	12.28	12.55	0.60	2.8	2.50	11.7
14*	14.30	14.60	0.80	2.8	3.00	13.7
16*	16.32	16.65	1.00	3.0	3.00	15.6
18*	18.35	18.71	1.20	3.2	3.50	17.6
20*	20.40	20.80	1.40	3.4	4.00	19.5

* Not listed in ASME 18.8.4M

Nominal Pin Length	Length Tolerance
Up to 24mm (incl)	+/-0.40mm
Over 24 to 50mm	+/-0.50mm
Over 50 to 75mm	+/-0.60mm
Over 75mm	+/-0.75mm

Socket Screws Australia



Nominal Pin Diameter	Recommended Hole Size		Double Shear Strength - Min. kN	
			Carbon Stl & SS Gr 420	SS Gr 302
	Min.	Max.		
1.5	1.5	1.56	1.8	1.0
2	2.0	2.07	3.5	2.0
2.5	2.5	2.58	5.5	3.2
3	3.0	3.10	7.8	4.5
4	4.0	4.12	12.3	7.2
5	5.0	5.12	19.6	11.4
6	6.0	6.12	28.5	16.6
8	8.0	8.15	48.8	28.4
10	10.0	10.15	79.1	46.1
12	12.0	12.18	104.1	60.7
14	14.0	14.18	170.0 ⁺	-
16	16.0	16.18	190.0 ⁺	-
18	18.0	18.18	250.0 ⁺	-
20	20.0	20.21	320.0 ⁺	-

+ Carbon Steel Only