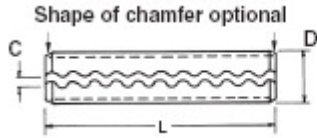




SPRING PINS



DIMENSIONS IN MILLIMETERS - JAPANESE INDUSTRIAL STANDARD (JIS) B280

Nominal Dia.		1	1.2	1.4	1.5	1.6	2	2.5	3	3.5	4	4.5	5	6	7	8	10	12	13
D	MAX	1.2	1.4	1.6	1.7	1.8	2.25	2.75	3.25	3.9	4.4	4.9	5.4	6.4	7.6	8.6	10.6	12.6	13.7
D	MIN	1.1	1.3	1.5	1.6	1.7	2.15	2.65	3.15	3.7	4.2	4.7	5.2	6.2	7.3	8.3	10.3	12.3	13.4
t	(REF)	0.2	0.25	0.28	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.2	1.4	1.6	2	2	2.5
DSL	(Kgf)	70	104	138	158	171	281	440	633	862	1130	1424	1760	2532	3450	4500	7030	8792	11500
Applic. Hole (ref)	Dia.	1	1.2	1.4	1.5	1.6	2	2.5	3	3.5	4	4.5	5	6	7	8	10	12	13
Applic. Hole (ref)	Tol.	+0.08 / -0	+0.08 / -0	+0.08 / -0	+0.08 / -0	+0.08 / -0	+0.09 / -0	+0.09 / -0	+0.09 / -0	+0.09 / -0	+0.12 / -0	+0.12 / -0	+0.12 / -0	+0.12 / -0	+0.15 / -0	+0.15 / -0	+0.15 / -0	+0.2 / -0	+0.2 / -0
Nominal Dia.		1	1.2	1.4	1.5	1.6	2	2.5	3	3.5	4	4.5	5	6	7	8	10	12	13
L	Tol.	x	x	x	x	x	x		x										
4	+0.5/-0	x	x	x	x	x	x		x										
5	+0.5/-0	x	x	x	x	x	x	x	x										
6	+0.5/-0	x	x	x	x	x	x	x	x										
7	+0.5/-0	x	x	x	x	x	x	x	x										
8	+0.5/-0	x	x	x	x	x	x	x	x	x									
9	+0.5/-0	x	x	x	x	x	x	x	x	x									
10	+0.5/-0	x	x	x	x	x	x	x	x	x	x								
11	+1 / -0	x	x	x	x	x	x	x	x	x	x	x							
12	+1 / -0	x	x	x	x	x	x	x	x	x	x	x	x						
13	+1 / -0		x	x	x	x	x	x	x	x	x	x	x						
14	+1 / -0		x	x	x	x	x	x	x	x	x	x	x	x					
15	+1 / -0			x	x	x	x	x	x	x	x	x	x	x					
16	+1 / -0			x	x	x	x	x	x	x	x	x	x	x	x				
17	+1 / -0			x	x	x	x	x	x	x	x	x	x	x	x	x			
18	+1 / -0			x	x	x	x	x	x	x	x	x	x	x	x	x	x		
19	+1 / -0						x	x	x	x	x	x	x	x	x	x	x		
20	+1 / -0						x	x	x	x	x	x	x	x	x	x	x	x	
22	+1 / -0							x	x	x	x	x	x	x	x	x	x	x	x
23	+1 / -0							x	x	x	x	x	x	x	x	x	x	x	x
24	+1 / -0							x	x	x	x	x	x	x	x	x	x	x	x
25	+1 / -0							x	x	x	x	x	x	x	x	x	x	x	x
26	+1 / -0								x	x	x	x	x	x	x	x	x	x	x
27	+1 / -0								x	x	x	x	x	x	x	x	x	x	x
28	+1 / -0								x	x	x	x	x	x	x	x	x	x	x
30	+1 / -0								x	x	x	x	x	x	x	x	x	x	x
32	+1 / -0								x	x	x	x	x	x	x	x	x	x	x
34	+1 / -0								x	x	x	x	x	x	x	x	x	x	x
36	+1 / -0								x	x	x	x	x	x	x	x	x	x	x

L	Tol.
38	+1 / -0
40	+1 / -0
45	+1 / -0
50	+1 / -0
55	+1 / -0
56	+1 / -0
60	+1 / -0
63	+1.5 / -0
70	+1.5 / -0
75	+1.5 / -0
80	+1.5 / -0
85	+1.5 / -0
90	+1.5 / -0
95	+1.5 / -0
100	+1.5 / -0

Nominal Dia.																	
1	1.2	1.4	1.5	1.6	2	2.5	3	3.5	4	4.5	5	6	7	8	10	12	13
							x	x	x	x	x	x	x	x	x	x	x
							x	x	x	x	x	x	x	x	x	x	x
									x	x	x	x	x	x	x	x	x
									x	x	x	x	x	x	x	x	x
												x	x	x	x	x	x
												x	x	x	x	x	x
												x	x	x	x	x	x
												x	x	x	x	x	x
												x	x	x	x	x	x
												x	x	x	x	x	x
															x	x	x
															x	x	x
															x	x	x
															x	x	x

NOTE: MAX D is the longest value of all the circumferences and MIN D is 1/3 (D1 + D2 + D3).