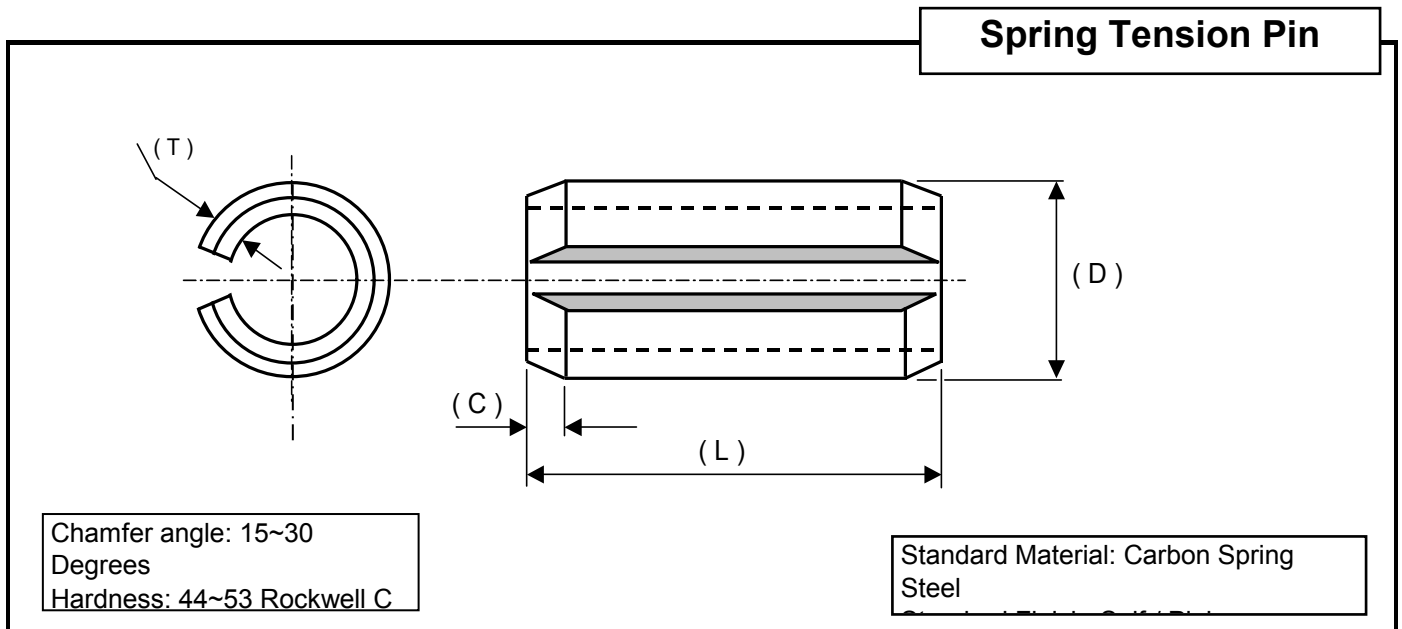




Specification - Spring pins (DIN 1481)



Nominal Dia mm	Diameter (D)		Wall Thickness (T)	Recommended Hole Size		Minimum Double shear		Chamfer Length (C)	
	Min	Max		Min	Max	KN	KG	Min	Max
1	1.2	1.3	0.2	1.00	1.10	7	71	0.15	0.35
1.5	1.7	1.8	0.3	1.50	1.60	16	161	0.25	0.45
2	2.3	2.4	0.4	2.00	2.10	29	288	0.35	0.55
2.5	2.8	2.9	0.5	2.50	2.60	46	447	0.40	0.60
3	3.3	3.5	0.6	3.00	3.10	66	644	0.50	0.70
3.5	3.8	4.0	0.7	3.50	3.62	94	924	0.60	0.80
4	4.4	4.6	0.8	4.00	4.12	117	1146	0.65	0.85
4.5	4.9	5.1	1.0	4.50	4.62	160	1567	0.80	1.00
5	5.4	5.6	1.0	5.00	5.12	182	1789	0.90	1.10
6	6.4	6.7	1.2	6.00	6.12	271	2655	1.20	1.40
7	7.5	7.8	1.5	7.00	7.15			1.40	1.80
8	8.5	8.8	1.5	8.00	8.15	445	4360	1.60	2.00
10	10.5	10.8	2.0	10.00	10.15	729	7154	2.00	2.40
12	12.5	12.8	2.5	12.00	12.17	1082	10615	2.00	2.40
13	13.5	13.8	2.5	13.00	13.17	1196	11732	2.00	2.40
14	14.5	14.8	3.0	14.00	14.17	1505	14755	2.00	2.40
16	16.5	16.8	3.0	16.00	16.17	1779	17447	2.00	2.40

Spring Tension Pins - Page 2

Pin Length	Nominal Diameter mm															Weight: kg / 1000 pcs			
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0	8.0	10.0	12.0	13.0	14.0	16.0			
													27 (2.20mm)						
4.0	0.015	0.034	0.061	0.095	0.136														
5.0	0.019	0.043	0.077	0.118	0.17														
6.0	0.023	0.051	0.092	0.142	0.204	0.296	0.358												
8.0	0.031	0.068	0.122	0.189	0.272	0.394	0.478	0.635	0.754										
10.0	0.038	0.085	0.153	0.236	0.34	0.493	0.597	0.793	0.942	1.38									
12.0	0.045	0.103	0.184	0.283	0.407	0.591	0.716	0.952	1.13	1.66	2.66								
14.0	0.052	0.12	0.214	0.33	0.475	0.689	0.836	1.11	1.32	1.94	3.13	7.5466	10.728						
16.0	0.059	0.137	0.244	0.377	0.543	0.788	0.955	1.27	1.51	2.21	3.58	5.9	8.889						
18.0	0.067	0.154	0.275	0.424	0.611	0.886	1.07	1.43	1.7	2.49	4.03	6.64	10						
20.0	0.076	0.171	0.305	0.471	0.679	0.985	1.19	1.59	1.88	2.77	4.48	7.38	11.1						
22.0			0.336	0.519	0.746	1.08	1.31	1.75	2.07	3.04	4.92	8.12	12.2						
24.0		0.206	0.367	0.565	0.814	1.18	1.43	1.9	2.26	3.32	5.37	8.86	13.3						
26.0			0.397	0.613	0.882	1.28	1.55	2.06	2.45	3.6	5.82	9.59	14.4						
28.0			0.427	0.66	0.95	1.38	1.67	2.22	2.64	3.87	6.26	10.3	15.6						
30.0			0.458	0.707	1.02	1.48	1.79	2.38	2.83	4.15	6.71	11.1	16.7	18.5	23.4	27.6			
32.0					1.09	1.58	1.91	2.54	3.02	4.43	7.16	11.8	17.8						
35.0					1.19	1.72	2.09	2.77	3.31	4.84	7.83	12.9	19.4						
36.0					1.22	1.77	2.18	2.86	3.39	4.98	8.06	13.3	20	20					
40.0			0.61	0.942	1.36	1.97	2.39	3.17	3.77	5.54	8.95	14.8	22.2	24.7	31.2	36.7			
45.0							2.68	3.57	4.24	6.23	10.1	16.6	25		35.1	41.3			
50.0						2.46	2.98	3.96	4.71	6.92	11.2	18.4	27.8	30.9	39	45.9			
55.0									5.18	7.61	12.3	20.3	30.5		42.9	50.5			
60.0							3.58	4.76	5.65	8.3	13.4	22.1	33.3	37.1	46.8	55.5			
65.0									6.12	8.99	14.5	24	36.1		50.1	59.7			
70.0									6.59	9.69	15.7	25.8	38.9	43.3	54.6	64.3			
75.0									7.06	10.4	16.8	27.7	41.7		58.5	68.9			
80.0									7.54	11.1	18	29.5	44.4	49.5	62.4	73.5			
85.0										11.8	19	31.4	47.2		66.3	78.1			
90.0										12.5	20.1	33.2	50	55.6	70.2	82.7			
95.0										13.1	21.3	35	52.8		74.1	87.3			
100.0										13.8	22.4	36.9	55.5	61.8	77.9	91.9			
120.0															93.5	110			
140.0															109	129			

Length Tolerance:	Up to 10mm	+/-	0.25	} ISO 8752 specification	Up to 10mm	+	0.5	} DIN 1481 specification
	12 to 50mm	+/-	0.5		12 to 50mm	+	1	
	Over 50mm	+/-	0.75		Over 50mm	+	1.5	