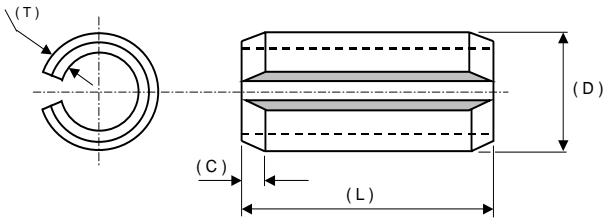


Spring Tension Pin Imperial Sizes

Std Material: Carbon Spring Steel
Standard Finish: Self / Plain
Stainless parts as imperial dimensions

Chamfer angle: 15~30 Degrees
Hardness: 44~53 Rockwell C



Nominal Dia IN	Diameter (D)		Wall Thickness (T)	Recommended Hole Size		Minimum Double shear		Chamfer Length (C)		
	Min	Max		Min	Max	LBS	KG	Min	Max	
1/16	0.062	0.066	0.069	0.012	0.062	0.065	425	193	0.15	0.35
5/64	0.078	0.083	0.086	0.016	0.078	0.081	650	295	0.25	0.45
3/32	0.094	0.099	0.103	0.020	0.094	0.097	1000	454	0.35	0.55
1/8	0.125	0.131	0.135	0.028	0.125	0.129	2100	953	0.40	0.60
5/32	0.156	0.162	0.167	0.032	0.156	0.160	3000	1361	0.50	0.70
3/16	0.187	0.194	0.199	0.040	0.187	0.192	4400	1996	0.50	0.80
7/32	0.219	0.226	0.232	0.048	0.219	0.224	5700	2586	0.65	0.85
1/4	0.250	0.258	0.264	0.048	0.250	0.256	7700	3493	0.80	1.00
5/16	0.312	0.321	0.328	0.064	0.312	0.318	11500	5216	0.90	1.10
3/8	0.375	0.385	0.392	0.078	0.375	0.382	17600	7983	1.20	1.40
7/16	0.437	0.448	0.456	0.078	0.437	0.445	20000	9072	1.40	1.80
1/2	0.500	0.513	0.521	0.098	0.500	0.510	25800	11703	2.00	2.40

WGT IN KG PER 1,000

N o m i n a l D i a m e t e r I n c h e s

Pin Length	1/16	5/64	3/32	1/8	5/32	3/16	7/32	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
3/16	0.049	0.070	0.106	0.194												
1/4	0.066	0.095	0.143	0.258	0.371	0.55										
5/16	0.082	0.121	0.179	0.323	0.462											
3/8	0.098	0.145	0.215	0.388	0.553	0.82	1.14	1.37								
7/16	0.114	0.171	0.251	0.452	0.644	0.95	1.32	1.60								
1/2	0.130	0.196	0.287	0.517	0.735	1.09	1.51	1.83								
9/16	0.146	0.221	0.323	0.581	0.827	1.24	1.69	2.06								
5/8	0.162	0.246	0.359	0.646	0.918	1.37	1.88	2.29	3.69	5.38			A	A	A	A
11/16	0.179	0.272	0.395	0.711	1.009	1.51	2.07	2.52					V	V	V	V
3/4	0.195	0.296	0.431	0.775	1.100	1.64	2.26	2.75	4.43	6.46	8.19	10.88	A	A	A	A
13/16	0.211	0.322	0.467	0.840	1.191	1.79	2.45	2.98	4.79				I	I	I	I
7/8	0.227	0.347	0.504	0.904	1.283	1.93	2.64	3.21	5.16	7.54			L	L	L	L
15/16	0.243	0.372	0.540	0.969	1.373	2.06	2.83	3.44	5.53				A	A	A	A
1	0.259	0.397	0.576	1.034	1.463	2.20	3.02	3.67	5.90	8.62	10.93	14.51	B	B	B	B
1.1/8		0.447	0.648	1.163	1.645	2.46	3.40	4.12	6.63	9.69			L	L	L	L
1.1/4	0.323	0.499	0.720	1.292	1.828	2.74	3.78	4.58	7.26	10.89	13.66	18.13	E	E	E	E
1.3/8		0.549	0.792	1.421	2.010	3.00	4.16	5.04	8.11	12.02						
1.1/2	0.387	0.600	0.865	1.551	2.193	3.28	4.54	5.49	8.62	13.15	16.39	21.77	O	O	O	O
1.5/8				1.682	2.375	3.54	4.92	5.95	9.59	14.30			N	N	N	N
1.3/4				1.812	2.557	3.81	5.30	6.40	9.98	15.42	19.13	25.40				
1.7/8				1.941	2.740	4.08	5.68	6.86	11.06	16.33			R	R	R	R
2				2.071	2.922	4.34	6.06	7.32	11.34	17.24	21.86	29.03	E	E	E	E
2.1/4					3.287	4.87	6.82	8.24	13.15	19.50	24.59	32.66	Q	Q	Q	Q
2.1/2					3.653	5.41	7.58	9.15	14.51	21.77	27.32	36.74	U	U	U	U
2.3/4						5.95	8.33	10.06	15.88	20.04	30.05	40.37	E	E	E	E
3						6.49	9.08	10.97	17.24	26.31	32.79	44.00	S	S	S	S
3.1/4								11.88	18.60	28.12	35.52	45.36	T	T	T	T
3.1/2								12.80	19.96	30.39	38.25	49.90				
3.3/4								13.71	21.77	32.66	40.92	54.43				
4								14.63	23.13	34.93	43.71	58.97				

LONGER LENGTHS AVAILABLE ON REQUEST

Length Tolerance:	Up to 1"	+/-	0.015
	1.1/8" to 2.00"	+/-	0.020
	2.1/4" to 3.00"	+/-	0.025
	Over 3.00"	+/-	0.030