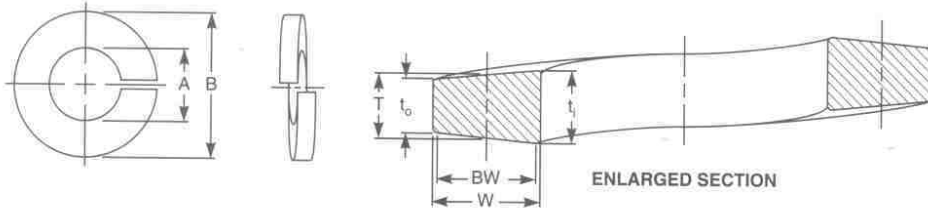


REGULAR HELICAL SPRING LOCK WASHER



Nominal Washer Size	A		B	T	W	BW
	Inside Diameter		Outside Diameter	Mean Section Thickness $(t_1+T_0)/2$	Section Width	Bearing Width
	Max.	Min.	Max.	Min.	Min.	Min.
#2	.094	.088	.172	.020	.035	.024
#3	.107	.101	.195	.025	.040	.028
#4	.120	.114	.209	.025	.040	.028
#5	.133	.127	.236	.031	.047	.033
#6	.148	.141	.250	.031	.047	.033
#8	.174	.167	.293	.040	.055	.038
#10	.200	.193	.334	.047	.062	.043
#12	.227	.220	.377	.056	.070	.049
1/4	.260	.252	.487	.062	.109	.076
5/16	.322	.314	.583	.078	.125	.087
3/8	.385	.377	.680	.094	.141	.099
7/16	.450	.440	.776	.109	.156	.109
1/2	.512	.502	.869	.125	.171	.120
9/16	.574	.564	.965	.141	.188	.132
5/8	.641	.628	1.073	.156	.203	.142
3/4	.766	.753	1.265	.188	.234	.164
7/8	.894	.878	1.459	.219	.266	.186
1	1.024	1.003	1.656	.250	.297	.208
1-1/8	1.153	1.129	1.847	.281	.328	.230
1-1/4	1.280	1.254	2.036	.312	.359	.251
1-3/8	1.408	1.379	2.219	.344	.391	.274
1-1/2	1.534	1.504	2.419	.375	.422	.295
1-5/8	1.663	1.633	2.553	.389	.424	.297
1-3/4	1.789	1.758	2.679	.389	.424	.297
1-7/8	1.914	1.883	2.811	.422	.427	.299
2	2.039	2.008	2.936	.422	.427	.299
2-1/4	2.293	2.262	3.221	.440	.442	.309
2-1/2	2.543	2.512	3.471	.440	.442	.309
2-3/4	2.793	2.762	3.824	.458	.491	.344
3	3.043	3.012	4.074	.458	.491	.344

Specification Requirements:

- Dimensions: ASME B18.21.1
- Material: Carbon Steel per SAE J403 1055-1065 or Grade 55-65 per GB/T 699
- Hardness: HRC 38 to 46
- Finish: Mechanical Zinc per ASTM B695, Class 5, Type 1