

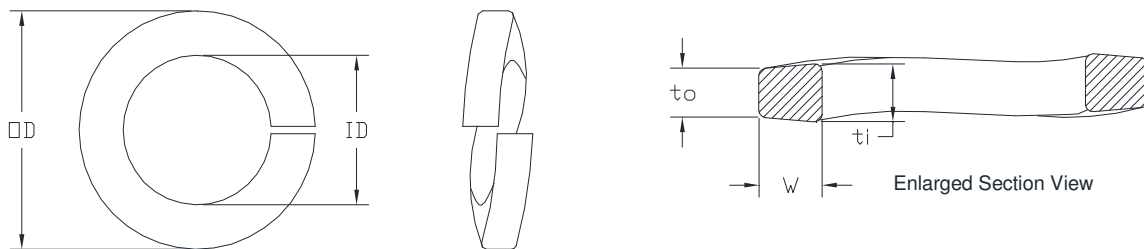
Earnest Machine Products line of “Regular Series” Helical Spring Lock Washers are manufactured to the dimensional, material and hardness requirements specified by ASME B18.21.1.

Material – Medium Carbon Steel (1055 to 1065)

Hardness – Rc 38/46

Regular series lock washers are the most commonly specified lock washer used in industry. The material thickness of the regular series is designed to handle the loads developed by bolts and screws assemblies in strength levels up to Grade 8,

Helical spring lock washers are designed to increase the length of the assembly of the fastener and provide increased spring rate in the joint.



Nom. Size	Regular Series			
	ID	OD	Thickness*	W
	Min	Max	Min	Nom
#2	.088	.182	.025	.040
#6	.141	.266	.040	.055
#8	.167	.307	.047	.062
#10	.193	.350	.056	.070
1/4	.252	.489	.077	.110
5/16	.314	.593	.097	.130
3/8	.377	.688	.115	.145
7/16	.440	.784	.133	.160
1/2	.502	.879	.151	.176
9/16	.564	.975	.170	.193
5/8	.628	1.087	.189	.210
3/4	.753	1.285	.226	.244
7/8	.878	1.489	.266	.281
1	1.003	1.700	.306	.319
1 1/8	1.129	1.903	.345	.356
1 1/4	1.254	2.104	.384	.393
1 3/8	1.379	2.301	.422	.427
1 1/2	1.504	2.491	.458	.458
1 5/8	1.633	2.694	.458	.491
1 3/4	1.758	2.820	.458	.491
2	2.008	3.144	.496	.526
2 1/4	2.262	3.398	.496	.526
2 1/2	2.512	3.648	.496	.526
2 3/4	2.762	3.910	.526	.532
3	3.012	4.160	.526	.532

* Thickness = $(t_0 + t_1)/2$