

Helical Spring Lock Washers

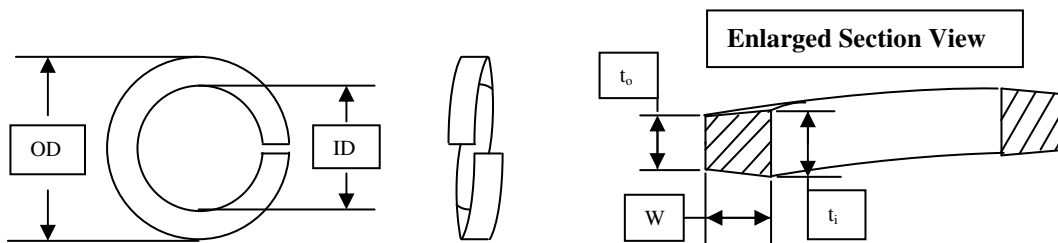
Light Series

Light Series Helical Spring Lock Washers

Earnest Machine Products line of “Light Series” Helical Spring Lock Washers are manufactured to the material and hardness requirements specified in ANSI/ASME B18.21.1 (Hardness Rc 38/46). The dimensions are per ANSI B27.1 (Rev 1965). Note that B27.1 was replaced by B18.21.1 and the light series is no longer listed.

Light Series are designed to handle the loads developed by SAE Grade 2 and 5 Cap Screw assemblies as well as ASTM A307, A325, A449 and A354 BC assemblies.

The smaller outside diameter reduces the clearance that is needed for the regular series. The lower profile of the light series lock washer improves clearance of the head of the assembly.



Size	ID	OD	Thickness	Width
	Min	Max	Nom	Nom
1 5/8	1.633	2.487	.344	.391
1 3/4	1.758	2.613	.344	.391
2	2.008	2.840	.384	.393
2 1/4	2.262	3.195	.422	.427
2 1/2	2.512	3.415	.422	.427

* Thickness = $(t_o + t_i)/2$