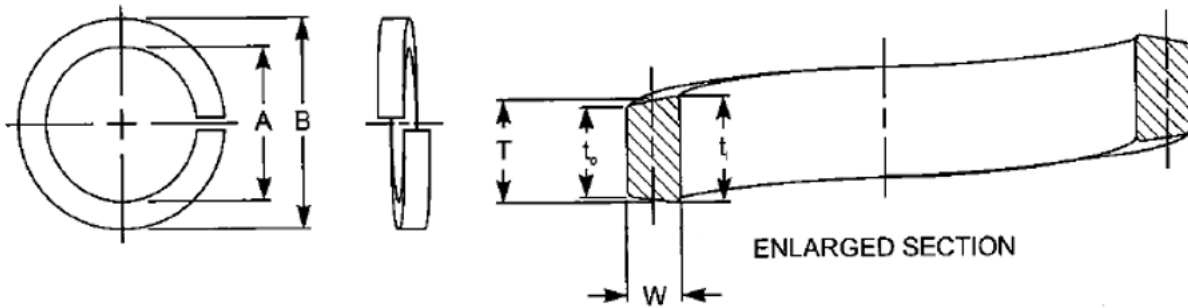


PRODUCT DATA SHEET

USA/CA: brightonBEST.com Europe: brightonBEST.org AU: brightonBEST.com.au NZ: brightonBEST.co.nz Brazil: brightonBEST.com.br

High-Collar Helical Spring Lock Washers - Inch Series

1.0 Dimensions: As Per ASME B18.21.1.



Nominal Washer Size	Inside Diameter (A)		Outside Diameter (B)	Mean Section Thickness (T) (t_i+t_o)/2		Section Width (W)
	Max	Min	Max	Max	Min	Min
1/4	0.260	0.252	0.363	0.088	0.078	0.047
5/16	0.322	0.314	0.457	0.103	0.093	0.062
3/8	0.385	0.377	0.550	0.135	0.125	0.076
7/16	0.450	0.440	0.644	0.150	0.140	0.090
1/2	0.512	0.502	0.733	0.182	0.172	0.103
5/8	0.641	0.628	0.917	0.213	0.203	0.125
3/4	0.766	0.753	1.105	0.228	0.218	0.154
7/8	0.894	0.878	1.291	0.254	0.234	0.182
1	1.024	1.003	1.478	0.270	0.250	0.208
1-1/8	1.153	1.129	1.663	0.333	0.313	0.236
1-1/4	1.280	1.254	1.790	0.333	0.313	0.236
1-3/8	1.408	1.379	2.031	0.395	0.375	0.292
1-1/2	1.534	1.504	2.159	0.395	0.375	0.292

Notes: Popularly known as “ High-Collar Split Lock Washers “.

2.0 Mechanical Properties: As per AME B18.21.1.

Steel (High Carbon Steel & Alloy Steel)

Hardness: 38 HRC to 46 HRC.

3.0 Surface Finish:

Currently offered only in Plain & Zinc Yellow only. Zinc Yellow: Standard ASTM F1941/F1941M.

Hexavalent (Cr+6). Fe/Zn 3C. Minimum Coating Thickness 0.0001” or 3 microns.