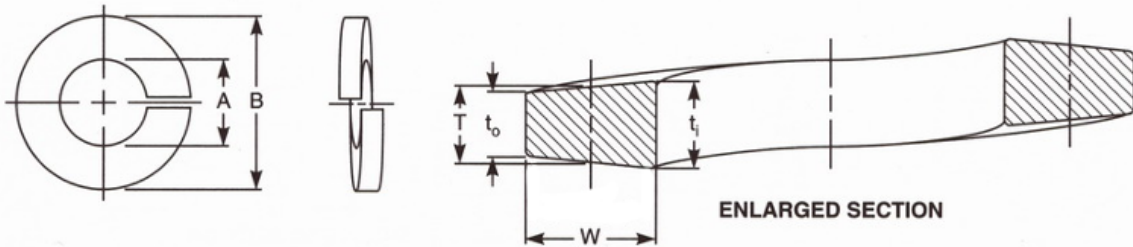




CONQUEST

CONQUER THE JOB

REGULAR 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
#2	0.094	0.088	0.172	0.026	0.020	0.035
#4	0.120	0.114	0.209	0.031	0.025	0.040
#5	0.133	0.127	0.236	0.037	0.031	0.047
#6	0.148	0.141	0.250	0.037	0.031	0.047
# 8	0.174	0.167	0.293	0.046	0.040	0.055
#10	0.200	0.193	0.334	0.053	0.047	0.062
#12	0.227	0.220	0.377	0.062	0.056	0.070
1/4	0.260	0.252	0.487	0.072	0.062	0.109
5/16	0.322	0.314	0.583	0.088	0.078	0.125
3/8	0.385	0.377	0.680	0.104	0.094	0.141
7/16	0.450	0.440	0.776	0.119	0.109	0.156
1/2	0.512	0.502	0.869	0.135	0.125	0.171
9/16	0.574	0.564	0.965	0.151	0.141	0.188
5/8	0.641	0.628	1.073	0.166	0.156	0.203
3/4	0.766	0.753	1.265	0.198	0.188	0.234
7/8	0.894	0.878	1.459	0.239	0.219	0.266
1	1.024	1.003	1.656	0.270	0.250	0.297
1-1/8	1.153	1.129	1.847	0.301	0.281	0.328
1-1/4	1.280	1.254	2.036	0.332	0.312	0.359
1-3/8	1.408	1.379	2.219	0.364	0.344	0.391
1-1/2	1.534	1.504	2.419	0.395	0.375	0.422
1-3/4	1.789	1.758	2.679	0.419	0.389	0.424
2	2.039	2.008	2.936	0.452	0.422	0.427
2-1/2	2.543	2.512	3.471	0.470	0.440	0.442
3	3.043	3.012	4.074	0.488	0.458	0.491

Popularly known as “ Split Lock Washers “



CONQUEST

CONQUER THE JOB

REGULAR HELICAL SPRING LOCK WASHERS - INCH SERIES 2.0 MECHANICAL PROPERTIES: AS PER AME B18.21.1

2.1 Steel (High Carbon Steel & Alloy Steel) : Hardness : 38 HRC to 46 HRC.

2.2 Stainless Steel (18-8/304 & 316): Sizes up to & including 5/8" : 35 HRC to 43 HRC.

3.0 SURFACE FINISH: PLAIN/ZINC/HDG ZINC & HDG DETAILS GIVEN BELOW

Properties	Zinc	Zinc Yellow	Hot Dip Galvanized
Type	Trivalent (Cr+3)	Hexavalent (Cr+6)	RoHS Compliant
Color	Clear	Yellow	
Minimum Coating Thickness	0.0001" / 3 Microns.	0.0001 " /3 Microns	Washers under 3/16 inch in thickness: 0.0017" (43 microns) and washers 3/16 inch & 1/4 inch thickness : 0.0020" (50 microns)
Specification	ASTM F1941/F1941M. Fe/Zn 3AN.	ASTM F1941 /1941M. Fe/Zn 3C.	ASTM F2329/ F2329M or ASTM A153/A153M