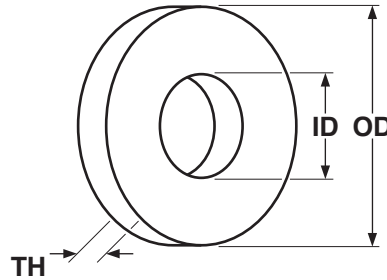
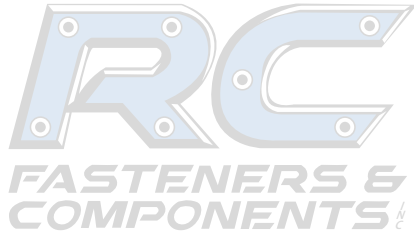


FASTENERS & COMPONENTS



TYPE-B PLAIN WASHERS—WIDE SERIES

Washer Size	Inside Diameter		Outside Diameter		Thickness	
	Max	Min	Max	Min	Max	Min
2	0.094	0.089	0.344	0.339	0.036	0.028
3	0.117	0.104	0.414	0.401	0.045	0.036
4	0.133	0.120	0.446	0.433	0.045	0.036
6	0.164	0.151	0.570	0.557	0.045	0.036
8	0.196	0.183	0.640	0.620	0.071	0.056
10	0.211	0.198	0.749	0.727	0.071	0.056
12	0.242	0.229	0.890	0.868	0.071	0.056
1/4	0.296	0.276	1.015	0.993	0.071	0.056
5/16	0.359	0.339	1.140	1.118	0.071	0.056
3/8	0.419	0.401	1.280	1.243	0.112	0.090
1/2	0.546	0.526	1.780	1.743	0.112	0.090
5/8	0.686	0.649	2.280	2.243	0.174	0.146
3/4	0.842	0.805	2.280	2.243	0.174	0.146



Description	A thin, flat, circular metal part with a centrally located hole. The tolerances of the thickness and outside diameter of Type-B washers are tighter than for USS and SAE flat washers. Wide Series are thicker and have greater outside diameter than Type-B Regular Series washers.
Applications/ Advantages	For use with low-carbon steel materials. Type-B washers distribute load over larger areas than the comparable USS or SAE washers of the same nominal size.
Material	Low Carbon steel

