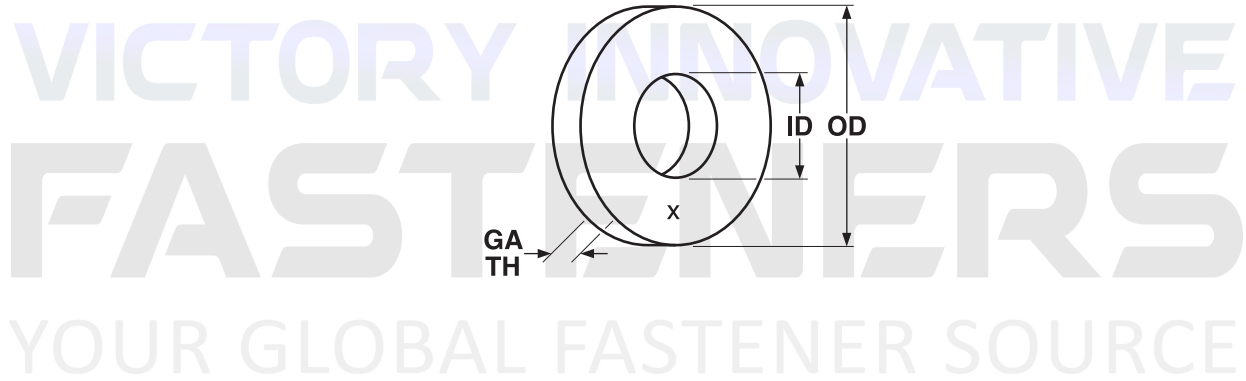


ASTM F436

ROUND, STRUCTURAL



ASTM F436 Round Structural Washers						ASTM F436-2010
Bolt Size	OD		ID		TH	
	Outside Diameter		Inside Diameter		Thickness	
	Max	Min	Max	Min	Max	Min
1/2	1.094	1.031	.563	.531	.177	.097
5/8	1.344	1.281	.720	.688	.177	.122
3/4	1.500	1.438	.845	.813	.177	.122
7/8	1.781	1.719	.970	.938	.177	.136
1	2.063	1.927	1.126	1.000	.177	.136

<b>Description</b>	Dimensionally comparable to the USS plain washer, but with a smaller outside diameter, manufactured from a higher grade of steel and heat-treated.
<b>Applications/Advantages</b>	Designed to be used with A325 & A490 structural bolts.
<b>Material</b>	Structural washers shall be manufactured from a steel which conforms to the following chemical composition requirements: <i>Phosphorous</i> - 0.050%; <i>Sulfur</i> - 0.060%
<b>Hardness</b>	Rockwell C38 - 45
<b>Plating</b>	Structural washers are usually supplied plain or with a galvanized finish.