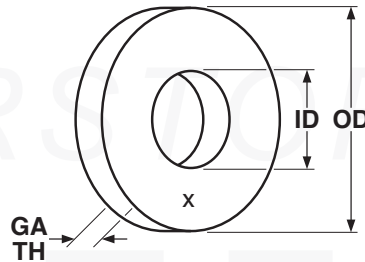


# WASHERS

## FENDER

Steel



FENDER WASHERS													
Size	Inside Diam. (± .010)	Outside Diameter		Thickness		Approx. number of STEEL washers per carton	Size	Inside Diam. (± .010)	Outside Diameter		Thickness		Approx. number of STEEL washers per carton
		Max	Min	Max	Min				Max	Min	Max	Min	
10 x 11/16	.219	.698	0.678	.080	.036	4675	3/8 x 1	.406	1.010	0.990	.132	.036	2050
10 x 3/4	.223	.779	0.742	.080	.036	3500	3/8 x 1-1/4	.410	1.279	1.242	.132	.036	690 - 1175
10 x 7/8	.219	.885	0.865	.080	.036	2500	3/8 x 1-1/2	.410	1.529	1.492	.132	.036	490 - 825
10 x 1	.223	1.018	0.992	.084	.036	1750	3/8 x 1-3/4	.410 or .422	1.779	1.742	.132	.047	565 - 1130
10 x 1-1/4	.223	1.279	1.242	.084	.036	1572	3/8 x 2	.410 or .422	2.029	1.992	.080	.047	487
10 x 1-1/2	.223	1.529	1.492	.080	.036	880	3/8 x 2-1/2	.422	2.510	2.490	.080	.051	256
10 x 2	.219	2.010	1.990	.080	.036	398	1/2 x 1-1/4	.535	1.279	1.242	.080	.051	1337
1/4 x 1	.285	1.029	0.992	.132	.036	1075 - 1875	1/2 x 1-1/2	.535	1.529	1.492	.080	.051	1000
1/4 x 1-1/4	.285	1.279	1.242	.132	.036	635 - 1150	1/2 x 1-3/4	.535	1.779	1.742	.080	.051	537
1/4 x 1-1/2	.285	1.529	1.492	.132	.036	775	1/2 x 2	.535	2.029	1.992	.132	.051	234 - 425
1/4 x 1-3/4	.285	1.779	1.742	.080	.036	550	1/2 x 2-1/2	.535	2.529	2.492	.080	.051	334
1/4 x 2	.285	2.029	1.992	.080	.036	405	1/2 x 3	.531	3.010	2.990	.080	.051	177
5/16 x 1-1/4	.348	1.279	1.242	.132	.036	665 - 1200	5/8 x 1-1/4	.688	1.260	1.240	.084	.074	1795
5/16 x 1-1/2	.348	1.529	1.492	.132	.036	440 - 800	5/8 x 1-1/2	.688	1.529	1.492	.084	.074	-
5/16 x 1-3/4	.348	1.779	1.742	.080	.051	664	5/8 x 2	.688	2.010	1.990	.080	.051	507
5/16 x 2	.348	2.029	1.092	.080	.036	410	5/8 x 3	.688	3.010	2.990	.080	.051	182
5/16 x 2-1/2	.344	2.510	2.490	.080	.036	250	3/4 x 2	.812	2.015	1.985	.080	.051	577
							7/8 x 2-1/2	.938	2.515	2.485	.118	.101	357

<b>Description</b>	A flat washer with significantly more surface area than a USS or SAE washer. They are also made from a thinner gauge metal than most flat washers.
<b>Applications/Advantages</b>	Used where an extra wide bearing surface is required. Originally designed for auto body repair work, they are also used in sheet metal, plumbing, and electrical work. Also used to attach signs to posts, to install drywall and wood paneling.
<b>Material</b>	<i>Steel</i>
	Washers shall be punched from hot-rolled, hot-rolled and pickled or cold-rolled steel, or shall be machined from bar stock or tubing, or may be forged at the manufacturer's option.
<b>Plating</b>	Fender washers are usually provided zinc plated or with no finish.