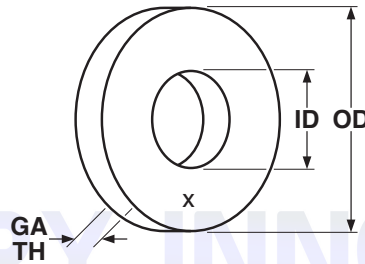


# WASHERS

## FENDER

Steel



### FENDER WASHERS

Size	Inside Diam. (± .010)	Outside Diameter		Thickness		Size	Inside Diam. (± .010)	Outside Diameter		Thickness	
		Max	Min	Max	Min			Max	Min	Max	Min
10 x 11/16	.219	.698	0.678	.080	.036	3/8 x 1	.406	1.010	0.990	.132	.036
10 x 3/4	.223	.779	0.742	.080	.036	3/8 x 1-1/4	.410	1.279	1.242	.132	.036
10 x 7/8	.219	.885	0.865	.080	.036	3/8 x 1-1/2	.410	1.529	1.492	.132	.036
10 x 1	.223	1.018	0.992	.084	.036	3/8 x 1-3/4	.410 or .422	1.779	1.742	.132	.047
10 x 1-1/4	.223	1.279	1.242	.084	.036	3/8 x 2	.410 or .422	2.029	1.992	.080	.047
10 x 1-1/2	.223	1.529	1.492	.080	.036	3/8 x 2-1/2	.422	2.510	2.490	.080	.051
10 x 2	.219	2.010	1.990	.080	.036	1/2 x 1-1/4	.535	1.279	1.242	.080	.051
1/4 x 1	.285	1.029	0.992	.132	.036	1/2 x 1-1/2	.535	1.529	1.492	.080	.051
1/4 x 1-1/4	.285	1.279	1.242	.132	.036	1/2 x 1-3/4	.535	1.779	1.742	.080	.051
1/4 x 1-1/2	.285	1.529	1.492	.132	.036	1/2 x 2	.535	2.029	1.992	.132	.051
1/4 x 1-3/4	.285	1.779	1.742	.080	.036	1/2 x 2-1/2	.535	2.529	2.492	.080	.051
1/4 x 2	.285	2.029	1.992	.080	.036	1/2 x 3	.531	3.010	2.990	.080	.051
5/16 x 1-1/4	.348	1.279	1.242	.132	.036	5/8 x 1-1/4	.688	1.260	1.240	.084	.074
5/16 x 1-1/2	.348	1.529	1.492	.132	.036	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	5/8 x 2	.688	2.010	1.990	.080	.051
5/16 x 2	.348	2.029	1.092	.080	.036	5/8 x 3	.688	3.010	2.990	.080	.051
5/16 x 2-1/2	.344	2.510	2.490	.080	.036	3/4 x 2	.812	2.015	1.985	.080	.051
						7/8 x 2-1/2	.938	2.515	2.485	.118	.101

<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.