



FENDER WASHERS					
Bolt Size	Inside Diameter (± .010)	Outside Diameter (± .010)	Thickness		Approx. number of STEEL washers per carton
			Max	Min	20 Lbs. (Galvanized)
1/4	.281	1.000	.132	.036	1500
1/4	.281	1.250	.132	.036	921
1/4	.281	1.500	.132	.036	620
1/4	.281	2.000	.080	.036	324
5/16	.344	1.250	.132	.036	960
5/16	.344	1.500	.132	.036	640
5/16	.344	2.000	.080	.036	328
5/16	.344	2.500	.080	.036	200
3/8	.406	1.250	.132	.036	760
3/8	.406 or .422	1.750	.132	.051	458
3/8	.422	2.000	.080	.051	380
3/8	.422	2.500	.080	.051	267
1/2	.531	1.250	.080	.051	1070
1/2	.531	1.500	.080	.051	720
1/2	.531	1.750	.080	.051	425
1/2	.531	2.000	.132	.051	338
1/2	.531	2.500	.080	.051	250
1/2	.531	3.000	.080	.051	150

Description	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.
Applications/ Advantages	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.
Material	<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.
Plating	Hot Dip Galvanized