



FENDER WASHER

ZINC & 18-8 STAINLESS STEEL

A fender washer is a flat washer with a larger outer diameter in proportion to its center hole. They are made from a thinner gauge metal than most flat washers and are designed to spread the load on thin sheet metal. Interestingly, they are named after their use on automobile fenders. Often used in sheet metal, plumbing, and electrical work.



KEY BENEFITS

- Large Surface Area
- Larger OD than USS & SAE Washers

DIMENSIONAL DATA

Bolt Size	Internal Dia., I.D. (± 0.010)	Outside Dia., I.D. (± 0.010)	Thickness		Approximate Number in 50 Pounds (steel)
			Min	Max	
10	7/32	11/16	0.080	0.051	9530*
10	7/32	3/4	0.080	0.051	8000
10	7/32	7/8	0.080	0.051	5000
10	7/32	1	0.080	0.051	3500
10	7/32	1-1/4	0.080	0.051	2145
10	7/32	1-1/2	0.080	0.051	1760*
10	7/32	2	0.080	0.051	796
1/4	9/32	1	0.080	0.051	3750
1/4	9/32	1-1/4	0.080	0.051	2300
1/4	9/32	1-1/2	0.080	0.051	1550
1/4	9/32	1-3/4	0.080	0.051	1100
1/4	9/32	2	0.080	0.051	810
5/16	11/32	1	0.080	0.051	4670*
5/16	11/32	1-1/4	0.080	0.051	2400
5/16	11/32	1-1/2	0.080	0.051	1600
5/16	11/32	2	0.080	0.051	820
5/16	11/32	2-1/2	0.080	0.051	500
3/8	13/32	1-1/4	0.080	0.051	2350
3/8	13/32	1-1/2	0.080	0.051	1650
3/8	13/32	1-3/4	0.080	0.051	1130
3/8	13/32	2	0.080	0.051	1000
3/8	13/32	2-1/2	0.080	0.051	512
1/2	17/32	1-1/4	0.080	0.051	3000
1/2	17/32	1-1/2	0.080	0.051	2000
1/2	17/32	1-3/4	0.080	0.051	1145
1/2	17/32	2	0.080	0.051	950
1/2	17/32	2-1/2	0.080	0.051	668
1/2	17/32	3	0.080	0.051	355
5/8	11/16	1-1/4	0.084	0.074	3590*
5/8	11/16	2	0.080	0.051	1015
5/8	11/16	3	0.080	0.051	365
3/4	13/16	2 (± 0.015)	0.080	0.051	1155*
7/8	15/16	2-1/2 (± 0.015)	0.118	0.101	715*

* Represents a count based on stainless steel washers.



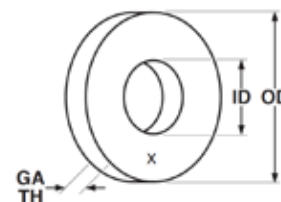
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MATERIAL SPECIFICATIONS

Steel Material - Washers shall be punched from 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. Fender washers are usually provided zinc plated.

Stainless Material - 18-8 or 316 Stainless Steel. Parts are usually supplied with no additional finish.



ORDERING INFORMATION

ZINC PLATED

PART #	SIZE (I.D.* x O.D.**)	QUANTITY / BOX
2FDW14112	1/4 x 1-1/2	100 / BOX
2FDW14200	1/4 x 2	100 / BOX
2FDW56114	5/16 x 1-1/4	100 / BOX
2FDW56112	5/16 x 1-1/2	100 / BOX
2FDW56200	5/16 x 2	100 / BOX
2FDW38114	3/8 x 1-1/4	100 / BOX
2FDW38112	3/8 x 1-1/2	100 / BOX
2FDW38200	3/8 x 2	100 / BOX
2FDW12114	1/2 x 1-1/4	100 / BOX
2FDW12112	1/2 x 1-1/2	100 / BOX
2FDW12200	1/2 x 2	100 / BOX

STAINLESS STEEL TYPE 18-8

PART #	SIZE (I.D.* x O.D.**)	QUANTITY / BOX
2FDWS214100	1/4 x 1	100 / BOX
2FDWS214114	1/4 x 1-1/4	100 / BOX
2FDWS214112	1/4 x 1-1/2	100 / BOX
2FDWS238114	3/8 x 1-1/4	100 / BOX
2FDWS238112	3/8 x 1-1/2	100 / BOX
2FDWS212112	1/2 x 1-1/2	100 / BOX

* Inside Diameter, ** Outside Diameter
Also available in zinc plated finish.

