



Washer Quantities

Because of washer thickness tolerance, quantities in boxes sold by the pound will vary.
Quantities in the tables below are approximate!

USS Flat Washers ANSI B18.22.1, Type A, Size W

Size	Inside Diameter	Oustide Diameter	Aprox Pcs per Pound
3/16	1/4	9/16	362.0
1/4	5/16	3/4	149.0
5/16	3/8	7/8	90.0
3/8	7/16	1	67.0
7/16	1/2	1 1/4	41.0
1/2	9/16	1 1/8	26.0
9/16	5/8	1 1/2	22.0
5/8	11/16	1 3/4	13.0
3/4	13/16	2	9.1
7/8	15/16	2 1/4	6.5
1	1 1/16	2 1/2	5.3
1 1/8	1 1/4	2 3/4	4.5
1 1/4	1 3/4	3	3.8
1 3/8	1 1/2	3 1/4	3.0
1 1/2	1 5/8	3 1/2	2.6
1 5/8	1 3/4	3 3/4	2.3
1 3/4	1 7/8	4	2.0
1 7/8	2	4 1/4	1.8
2	2 1/8	4 1/2	1.6
2 1/4	2 3/4	4 3/4	1.2
2 1/2	2 5/8	5	1.0
3	3 1/8	5 1/2	0.8

Fender Washers ASTM F844, Thickness: .047-.080

Size	Inside Diameter	Oustide Diameter	Aprox Pcs per Pound
1/8 x 9/64 x 9/16	9/64	9/16	323
1/8 x 9/64 x 1	9/64	1	68
3/16 x 7/32 x 1	7/32	1	69
3/16 x 7/32 x 1 1/8	7/32	1 1/8	60
3/16 x 7/32 x 1 1/4	7/32	1 1/4	43
1/4 x 9/32 x 1	9/32	1	72
1/4 x 9/32 x 1 1/4	9/32	1 1/4	44
1/4 x 9/32 x 1 1/2	9/32	1 1/2	31
1/4 x 9/32 x 2	9/32	2	17
5/16 x 11/32 x 1 1/4	11/32	1 1/4	45
5/16 x 11/32 x 1 1/2	11/32	1 1/2	31
3/8 x 1	13/32	1	78
3/8 x 13/32 x 1 1/4	13/32	1 1/4	47
3/8 x 13/32 x 1 1/2	13/32	1 1/2	32
3/8 x 13/32 x 2	13/32	2	17
1/2 x 17/32 x 1 1/2	17/32	1 1/2	33
1/2 x 17/32 x 2	17/32	2	18

SAE Flat Washers ANSI B18.22.1, Type A, Size N

Size	Inside Diameter	Oustide Diameter	Aprox Pcs per Pound
No. 6	5/32	3/8	790
No. 8	3/16	7/16	585
No. 10	7/32	1/2	435
No. 12	1/4	9/16	362
1/4	9/32	5/8	222
5/16	11/32	11/16	192
3/8	13/32	13/16	140
7/16	15/32	59/64	105
1/2	17/32	1 1/16	55
9/16	19/32	1 3/16	43
5/8	21/32	1 5/16	36
3/4	13/16	1 1/2	21
7/8	15/16	1 3/4	16
1	1 1/16	2	12
1 1/8	1 3/16	2 1/4	9.2
1 1/4	1 5/16	2 1/2	6.3
1 1/2	1 9/16	3	4.3

Round Malleable Washers Material: ASTM A47 Grade 32510

Size	Outside Diameter	Thickness	Aprox Pcs per Pound
3/8	2 1/2	1/4	5.8
1/2	2 1/2	1/4	4.9
5/8	2 3/4	5/16	3.2
3/4	3	7/16	2.4
7/8	3 1/2	7/16	1.8
1	3 3/7	1/2	1.5
1 1/8	4 1/2	1/2	1.1
1 1/4	5	5/8	0.8
1 1/2	5 3/4	3/4	0.5