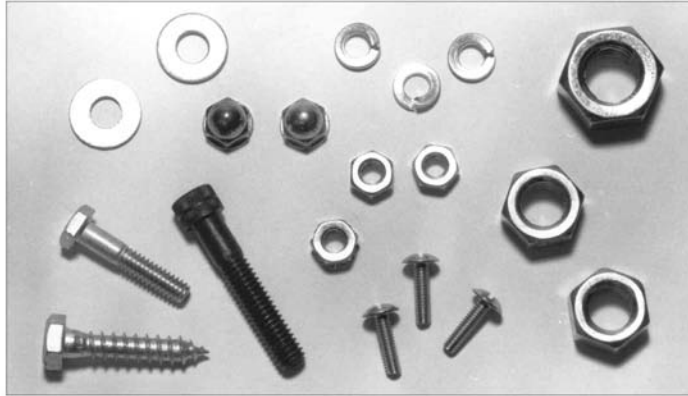


GARDNER SCREW CORPORATION

Screw Machine Products • Furniture Hardware • Metal Fasteners & Stamping • Industrial Supplies

Serving Industry Since 1923

Washers



Countersunk Finishing



External Tooth Lock



Countersunk External Lock



External-Internal Comb. Lock Washer



Internal Tooth Lock Washer



Medium Split Lock Washer



Hi Collar Split Lock



Machine Screw Washer



Fender Washer

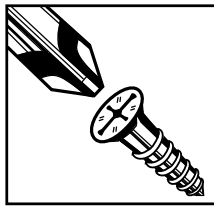


S.A.E. Flat Washer
U.S.S. Flat Washer

SAE Washers

Bolt Size	O.D.	I.D.	American Standard Gauge		Appx. lbs./M Pcs.	Appx. # of Pc/lb.
#4	5/16"	1/8"	21	1/32"	-	1650
#6	3/8"	5/32"	18	3/64"	1.26	790
#8	7/16"	3/16"	18	3/64"	1.7	585
3/16"	1/2"	7/32"	18	3/64"	2.3	435
#12	9/16"	1/4"	16	1/16"	3.4	280
1/4"	5/8"	9/32"	16	1/16"	4.5	222
5/16"	11/16"	11/32"	16	1/16"	5.2	192
3/8"	13/16"	13/32"	16	1/16"	7.2	140
7/16"	59/64"	15/32"	16	1/16"	9.5	105
1/2"	1-1/16"	17/32"	13	3/32"	18.3	55

Bolt Size	O.D.	I.D.	American Standard Gauge		Appx. lbs./M Pcs.	Appx. # of Pc/lb.
9/16"	1-3/16"	19/32"	13	3/32"	23.4	43
5/8"	1-5/16"	21/32"	13	3/32"	27.7	36
3/4"	1-1/2"	13/16"	10	9/64"	47.4	21
7/8"	1-3/4"	15/16"	10	9/64"	63	16
1"	2"	1-1/16"	10	9/64"	63	12
1-1/8"	2-1/4"	1-3/16"	10	9/64"	109	9.2
1-1/4"	2-1/2"	1-5/16"	9	5/32"	160	6.3
1-3/8"	2-3/4"	1-7/16"	9	5/32"	190	5.25
1-1/2"	3"	1-5/16"	9	5/32"	240	4.25



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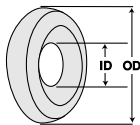
Serving Industry Since 1923

Washers

USS Washers

Bolt Size	O.D.	I.D.	American Standard Gauge		Appx. lbs./M Pcs.	Appx. # of Pc/lb.
3/16"	9/16"	1/4"	18	3/64"	2.8	361
1/4"	3/4"	5/16"	16	1/16"	6.7	149
5/16"	7/8"	3/8"	14	5/64"	11.5	87
3/8"	1"	7/16"	14	5/64"	14.9	67
7/16"	1-1/4"	1/2"	14	5/64"	24.4	41
1/2"	1-3/8"	9/16"	12	7/64"	38.5	26
9/16"	1-1/2"	5/8"	12	7/64"	45.5	22
5/8"	1-3/4"	11/16"	10	9/64"	77	13
3/4"	2"	13/16"	9	5/32"	110	9.1
7/8"	2-1/4"	15/16"	8	11/64"	153	6.5
1"	2-1/2"	1-1/16"	8	11/64"	188	5.3
1-1/8"	2-3/4"	1-1/4"	8	11/64"	220	4.5

Bolt Size	O.D.	I.D.	American Standard Gauge		Appx. lbs./M Pcs.	Appx. # of Pc/lb.
1-1/4"	3"	1-3/8"	8	11/64"	260	3.8
1-3/8"	3-1/4"	1.1/2"	7	3/16"	333	3
1-1/2"	3-1/2"	1-5/8"	7	3/16"	385	2.6
1-5/8"	3-3/4"	1-3/4"	7	3/16"	448	2.3
1-3/4"	4"	1-7/8"	7	3/16"	500	2
1-7/8"	4-1/4"	2"	7	3/16"	569	1.8
2"	4-1/2"	2-1/8"	7	3/16"	630	1.6
2-1/4"	4-3/4"	2-3/8"	5	7/32"	826	1.2
2-1/2"	5"	2-5/8"	4	15/64"	961	1
2-3/4"	5-1/4"	2-7/8"	3	1/4"	1100	.9
3"	5-1/2"	3-1/8"	2	9/32"	1300	.8



Countersunk Finishing Washer

Size	O.D.	I.D.	Wt. Per M
6	.469"	.173"	0.8
8	.531"	.209"	1.1
10	.593"	.269"	1.4
12	.656"	.275"	2.1
14	.781"	.324"	2.7

Flat Washers

Bolt Size	Fender Washers		
	O.D.	I.D.	Thickness
#10	1"	7/32"	.051" - .080"
1/4"	1"	9/32"	.051" - .080"
1/4"	1-1/4"	9/32"	.051" - .080"
1/4"	1-1/2"	9/32"	.051" - .080"
5/16"	1-1/4"	11/32"	.051" - .080"
5/16"	1-1/2"	11/32"	.051" - .080"
3/8"	1-1/4"	13/32"	.051" - .080"
3/8"	1-1/2"	13/32"	.051" - .080"
1/2"	2"	17/32"	.051" - .080"