



THE NUT PLACE

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U.S. STANDARD DIMENSIONS FOR GRADE 8 WASHERS					
Bolt Size	Outside Diameter	Inside Diameter	Thickness	Lbs. per M	Approx. Pcs/Carton
1/4	3/4	5/16	.055/.065	6.4	7,500
5/16	7/8	3/8	.064/.080	10.0	5,000
3/8	1	7/16	.064/.080	13.0	3,500
7/16	1-1/4	1/2	.064/.080	21.0	2,500
1/2	1-3/8	9/16	.100/.116	38.0	1,500
9/16	1-1/2	5/8	.100/.116	45.0	1,100
5/8	1-3/4	11/16	.122/.138	77.0	700
3/4	2	13/16	.122/.138	100.0	500
7/8	2- 1/4	15/16	.136/.160	138.0	350
1	2- 1/2	1-1/16	.136/.160	169.0	300
1-1/8	2- 3/4	1-1/4	.136/.160	198.0	250
1-1/4	3	1-3/8	.136/.160	234.0	200
1-3/8	3-1/4	1-1/2	.136/.160	271.0	185
1-1/2	3-1/2	1-5/8	.136/.160	316.0	150
SAE DIMENSIONS FOR GRADE 8 WASHERS					
Bolt Size	Outside Diameter	Inside Diameter	Thickness	Lbs. per M	Approx. Pcs/Carton
1/4	5/8	9/32	.055/.065	4.6	10,000
5/16	11/16	11/32	.055/.065	5.1	10,000
3/8	13/16	13/32	.055/.065	7.2	7,000
7/16	59/64	15/32	.055/.065	9.1	5,000
1/2	1-1/16	17/32	.100/.116	18.2	2,425
9/16	1-3/16	19/32	.100/.116	23.4	2,250
5/8	1-5/16	21/32	.122/.138	38.4	1,340
3/4	1-15/32	13/16	.122/.138	44.5	1,120
7/8	1-3/4	15/16	.136/.152	66.8	695
1	2	1-1/16	.136/.160	89.4	555
1-1/8	2-1/4	1-1/4	.136/.160	111.0	435
1-1/4	2-1/2	1-3/8	.136/.160	138.0	350
1-3/8	2-3/4	1-1/2	.136/.160	173.0	289
1-1/2	3	1-5/8	.136/.160	209.0	240
1-3/4	3-3/8	1-7/8	.178/.196	328.0	150
2	3-3/4	2-1/8	.178/.196	398.0	125