



## USS WASHERS

Bolt Size In.	Outside Dia. In.	Inside I.D. In.	Thickness
3/16	9/16	1/4	.036/.065
1/4	3/4	5/16	.051/.080
5/16	7/8	3/8	.064/.104
3/8	1	7/16	.064/.104
7/16	1-1/4	1/2	.064/.104
1/2	1-3/8	9/16	.086/.132
9/16	1-15/32	5/8	.086/.132
5/8	1-3/4	11/16	.108/.160
3/4	2	13/16	.122/.177
7/8	2-1/4	15/16	.136/.192
1	2-1/2	1-1/16	.136/.192
1-1/8	2-3/4	1-1/4	.136/.192
1-1/4	3	1-3/8	.136/.192
1-3/8	3-1/4	1-1/2	.153/.213
1-1/2	3-1/2	1-5/8	.153/.213
1-5/8	3-3/4	1-3/4	.153/.213
1-3/4	4	1-7/8	.153/.213
1-7/8	4-1/4	2	.153/.213
2	4-1/2	2-1/8	.153/.213
2-1/4	4-3/4	2-3/8	.193/.248
2-1/2	5	2-5/8	.210/.280
2-3/4	5-1/4	2-7/8	.228/.310
3	5-1/2	3-1/8	.249/.327

## SAE WASHERS

Bolt Size In.	Outside Dia. In.	Inside Dia. In.	Thickness
#6	3/8	5/32	.036/.065
#8	7/16	3/16	.036/.065
#10	1/2	7/32	.036/.065
#12	9/16	1/4	.051/.080
1/4	5/8	9/32	.051/.080
5/16	11/16	11/32	.051/.080
3/8	13/16	13/32	.051/.080
7/16	59/64	15/32	.051/.080
1/2	1-1/16	17/32	.074/.121
9/16	1-5/32	19/32	.074/.121
5/8	1-5/16	21/32	.074/.121
3/4	1-15/32	13/16	.108/.160
7/8	1-3/4	15/16	.108/.160
1	2	1-1/16	.108/.160
1-1/8	2-1/4	1-1/4	.108/.160
1-1/4	2-1/2	1-3/8	.136/.192
1-3/8	2-3/4	1-1/2	.136/.192
1-1/2	3	1-5/8	.136/.192