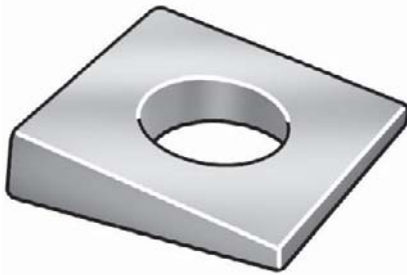




## Structural Washers

**Flat**—Primarily used for structural bolting. Commonly used with higher strength fasteners. Meet ASTM F436 standard.

**Square Beveled**—Washers are primarily used for structural leveling and shimming applications. Hardened steel is commonly used in A325 and A490 structural bolting applications.



**Square Beveled**

Fits Bolt Sizes	Thickness	Outside Dia.	Item No.	Pkg. Qty.
<b>Structural Flat Washer</b>				
<b>Steel, Galvanized</b>				
1 in	0.136 to 0.177 in	2 in	6ZA30	10
1 1/4 in	0.136 to 0.177 in	2 1/2 in	6ZA32	10
1 1/2 in	0.136 to 0.177 in	2 3/4 in	6ZA31	10
3/8 in	0.122 to 0.177 in	1 3/8 in	6ZA27	50
3/4 in	0.122 to 0.177 in	1 1/2 in	6ZA28	25
7/8 in	0.136 to 0.177 in	1 3/4 in	6ZA29	25
1 1/2 in	0.097 to 0.177 in	1 1/2 in	6ZA26	50

- Metric meet DIN 435 standard
- Malleable iron meets ASTM A47 standard

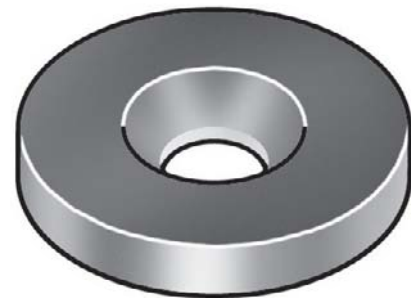
**Raised**—Large bearing surface provides added strength. Meet ASTM A47 standard.

Fits Bolt Sizes	Thickness	Outside Dia.	Item No.	Pkg. Qty.
<b>Square Beveled Washer</b>				
<b>Malleable Iron, Galvanized</b>				
3/8 in	0.120 to 0.340 in	1 1/4 in	2DE60	600
3/4 in	0.190 to 0.440 in	1 1/2 in	2DE73	300
<b>Malleable Iron, Plain</b>				
3/8 in	0.120 to 0.340 in	1 1/4 in	2DE58	600
3/4 in	0.190 to 0.440 in	1 1/2 in	2DE70	300
<b>Steel, Zinc</b>				
M8	4.6 mm	22 mm	6GA10	10
M10	4.6 mm	22 mm	6GA12	10
M12	6.2 mm	26 mm	6GA14	10
M16	7.5 mm	32 mm	6GA16	10
M20	9.2 mm	40 mm	6GA18	5
M22	10 mm	44 mm	6GA20	5
<b>Raised Structural Washer</b>				
<b>Malleable Iron, Plain</b>				
1/2 in	0.136 to 0.177 in	2 1/2 in	2DE52	25

## Countersunk Washers

For Use With	Fits Bolt Size	Outside Dia.	Thickness	Item No.	Pkg. Qty.
<b>18-8 Stainless Steel</b>					
82° Flat/Oval Head Screws	#8	3/4 in	1/8 in	1JYG5	1
	#10	1 in	1/8 in	1JYG6	1
	#12	1 1/8 in	9/32 in	1JYG7	1
	1/4 in	2 in	9/32 in	1JYH5	1
82° Flat/Oval Head Countersunk Screws	#6	29/64 in	5/64 in	1NU82	100
	#8	39/64 in	3/32 in	1NU83	100
	#10	19/32 in	7/64 in	1NU84	100
	#12	17/16 in	9/34 in	1NU85	100
A1 Stainless Steel	M3	10 mm	1 1/2 mm	6FY92	10
	M4	14 mm	2 3/40 mm	6FY94	10
	M5	16 mm	2 1/2 mm	6FY96	5
	M6	18 mm	3 3/40 mm	6FY98	5
<b>Low Carbon Steel, Nickel Finish</b>					
82° Flat/Oval Head Countersunk Screws	#4	3/8 in	3/32 in	2DE28	100
	#6	19/32 in	5/64 in	2DE30	100
	#8	17/32 in	7/64 in	2DE32	100
	#10	19/32 in	7/64 in	2DE34	100
	#12	29/32 in	1/8 in	2DE36	100
	1/4 in	29/32 in	9/32 in	2DE38	100
	3/8 in	1 in	1/4 in	2DE40	100

For Use With	Fits Bolt Size	Outside Dia.	Thickness	Item No.	Pkg. Qty.
<b>Nylon, Black</b>					
82° Flat/Oval Head Countersunk Screws	#6	437/1000 in	1/16 in	4DCR8	20
	#8	51/100 in	23/200 in	4DCR3	20
	#10	23/40 in	19/125 in	4DCP9	20
	#12	609/1000 in	4/25 in	4DCR4	20
1/4 in	683/1000 in	9/50 in	4EYA6	20	
<b>Nylon, Off White</b>					
82° Flat/Oval Head Countersunk Screws	#6	437/1000 in	1/16 in	4DCT1	20
	#8	51/100 in	23/200 in	4EYA4	20
	#10	23/40 in	19/125 in	4DCR2	20
	#12	609/1000 in	4/25 in	4DCR6	20
1/4 in	683/1000 in	9/50 in	4EYA8	20	
<b>Steel, Black Oxide Finish</b>					
Flat Socket Head Cap Screw	#8	3/4 in	1/8 in	5TA58	5
	#10	1 in	5/8 in	5TA59	5
		1 1/8 in	9/16 in	5TA60	5
		1 1/4 in	9/16 in	5TA61	1
1/4 in	1 1/2 in	9/16 in	5TA63	1	
	1 3/8 in	9/16 in	5TA64	1	
	1 1/2 in	9/16 in	5TA65	1	
	M4	16 mm	3 mm	5TA48	5
M6	20 mm	3 mm	5TA49	5	
M6	32 mm	4 mm	5TA53	1	

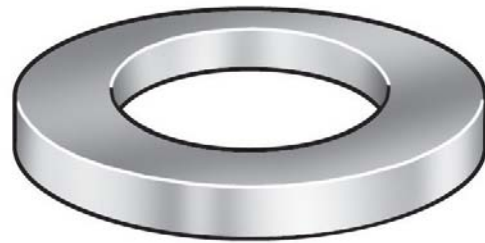


## Thick Square Washers



Fits Bolt Sizes	Outside Dia.	Item No.	Pkg. Qty.
<b>18-8 SS, Plain Finish</b>			
1/4 in	2 in	5RU22	1
3/8 in	2 in	5RU25	1
1/2 in	2 in	5RU28	1
5/8 in	2 in	5RU31	1
3/4 in	2 in	5RU34	1
1 in	2 in	5RU37	1
1 in	2 in	5RU39	1
<b>Case Hardened Steel, Black Oxide Finish</b>			
1/4 in	2 in	5RU21	1
3/8 in	2 in	5RU24	1
1/2 in	2 in	5RU27	1
5/8 in	2 in	5RU30	1
3/4 in	2 in	5RU33	1
1 in	2 in	5RU36	1
1 in	2 in	5RU38	1

Fits Bolt Sizes	Outside Dia.	Item No.	Pkg. Qty.
<b>Steel, Galvanized Finish</b>			
3/8 in	2 in	5RU23	1
1/2 in	2 in	5RU26	1
	3 in	26L103	1
5/8 in	2 in	5RU29	1
	3 in	26L104	1
3/4 in	4 in	26L109	1
	2 in	5RU32	1
7/8 in	3 in	26L106	1
	4 in	26L111	1
1 in	2 in	5RU35	1
	3 in	26L108	1
1 in	4 in	26L112	1
	3 in	26L110	1
1 in	4 in	26L113	1



## Metric Nonserrated Conical Washers

- Meet DIN 6796

Fits Bolt Sizes	Outside Dia.	Thickness	A2 STAINLESS STEEL	SPRING STEEL
M3	7 mm	0.6 mm	6FY51	10
M4	9 mm	1 mm	6FY53	25
M5	11 mm	1.2 mm	6FY55	25
M6	14 mm	1.5 mm	6FY57	25
M8	18 mm	2 mm	6FY59	10
M10	23 mm	2.5 mm	6FY61	25
M12	29 mm	3 mm	6FY62	10
M16	39 mm	4 mm	6FY64	5
M20	45 mm	5 mm	6FY66	1
			6FY72	100
			6FY74	100
			6FY76	100
			6FY78	50
			6FY80	25
			6FY82	10
			6FY84	10
			6FY86	1
			6FY88	1