

WASHERS



MS35338 LOCK WASHERS

MS35338 split, helical lock washers are made of carbon steel, cadmium plated per QQ-P-416A, Type II, Class 3. They replace AN935 medium-weight washers. Formerly AN935.

Cad. Plated			Stainless	
Size	Part No.	Price	Part No.	Price
6	MS35338-41	.	MS35338-136	.
8	MS35338-42	.	MS35338-137	.
10	MS35338-43	.	MS35338-138	.
1/4	MS35338-44	.	MS35338-139	.
5/16	MS35338-45	.	MS35338-140	.
3/8	MS35338-46	.	MS35338-141	.
7/16	MS35338-47	.	MS35338-142	.
1/2	MS35338-48	.	MS35338-143	.

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MS35333 & MS35335 LOCK WASHERS



Type B
External
Teeth

Type A
Internal
Teeth

Provide efficient locking action by spring tension and biting action of tapered twisted teeth. Made of 1050 spring steel and cadmium plated per specification QQ-P-416A, Type II, Class 3. Available with internal teeth (Type A) or external teeth (Type B).

Type	Size	Cad Plated Part No.	Price Cad. Plated	Stainless Part No.	Price Stainless
Type A	6	MS35333-37	.	MS35333-71	.
Type A	8	MS35333-38	.	MS35333-72	.
Type A	10	MS35333-39	.	MS35333-73	.
Type A	1/4	MS35333-40	.	MS35333-74	.
Type A	5/16	MS35333-41	.	MS35333-75	.
Type A	3/8	MS35333-42	.	MS35333-76	.
Type A	7/16	MS35333-43	.	MS35333-77	.
Type A	1/2	MS35333-44	.	MS35333-78	.
Type A	5/8	MS35333-46	.	--	--
Type B	6	MS35335-30	.	MS35335-58	.
Type B	8	MS35335-31	.	MS35335-59	.
Type B	10	MS35335-32	.	MS35335-60	.
Type B	1/4	MS35335-33	.	MS35335-61	.
Type B	5/16	MS35335-34	.	MS35335-62	.
Type B	3/8	MS35335-35	.	--	--
Type B	1/2	MS35335-37	.	--	--



TOOTH LOCKWASHER

MIL-SPEC designations for tooth lockwashers include, but are not limited to MS35335. These are covered by military procurement specification FF-W-100

Nominal Screw Size	Inside Diameter		Outside Diameter		Material Thickness		MS 35335 Steel Plated	Part No.	Price
	Min	Max	Min	Max	Min	Max			
9/16	0.576	0.596	0.960	0.985	0.037	0.045	-38	04-00099	.
3/4	0.768	0.795	1.220	1.260	0.047	0.055	-40	04-00101	.
7/8	0.897	0.927	1.380	1.410	0.052	0.060	-41	04-00103	.

NAS549 PHENOLIC WASHERS

NAS549-10 Phenolic insulating washers for #10 screws. Size: 13/64" I.D. x 7/16" O.D. x 1/16 thick. Ea.

G-8 TINNEMAN WASHERS



A No. 8 'Tinnerman' style washer with the same O.D. as a No. 10 (0.75). Great for those oversize holes in fairings. Unlike the No. 10 washer with a No. 8 screw, these washers will tighten down on the fairing (not bottom out on the cone) thus providing the proper "clamp up" between the fastener and the fairing. The G-8 washers are Made in the USA from 304 (1/2 hard) Stainless Steel and are machine tumbled for a shiny finish.

P/N 04-01989



TINNERMAN COUNTERSUNK WASHERS

For use with 100° flat-head screws such as MS24693 and MS24694 machine screws and NAS548 sheet metal screws to provide reinforced, low-profile attachments. Made of spring steel, Zinc Plated.

Part No.	Screw Size	I.D. In.	O.D. In.	Price Each	Price per 100
A3236-012-193	#6	.140	.50	.	---
A3135-017-193	#8	.171	.56	.	.
A3235-028-193	#10	.196	.75	.	.

NYLON WASHERS

Part No.	Thread Size	Price Ea.
04-00219	#4	.
04-00216	#6	.
04-00217	#8	.
04-00218	#10	.

Less 20% Discount on 100 per size

100° CSK STAINLESS WASHERS



Use with 100° flathead screws to provide reinforced, low-profile attachments.

Size	Dimensions	Part No.	Price
6	.500 OD x .012 T	04-00397	.
8	.562 OD x .017 T	04-00392	.
10	.750 OD x .020 T	04-00398	.

Less 20% Discount on 100 per size



AN975 TAPER PIN WASHERS

Taper pin washers are used with AN386 threaded taper pins. Manufactured of steel, cadmium plated per QQ-P-416, Type II, Class 2.

AN975 Dash #	Fits Taper Pin #	Price Ea.
-3	1, 2	.
-4	3	.
-5	4	.
-6	5	.

82° COUNTERSUNK WASHERS



Finishing washers are used in non-structural interior and upholstery applications. The parts covered by NAS390 & NAS391 are getting harder to procure and do not necessarily conform exactly to all of the dimensions stated on the specs. Commercial

equivalents can be supplied and are suggested. These are non-critical washers that are readily available and cost effective.

Screw or Bolt Size	Countersink Washer Part No.	Price		Flush Washer Part No.	Price	
		Each	100		Each	100
#4	04-03898	.	.	NAS390B4P	--	--
#6	04-03899	.	.	04-03895	.	.
#8	04-03901	.	.	04-03896	.	.
#10	04-01946	.	.	04-03897	.	.

POLYMER SPINNER WASHERS



Propeller spinner washers are typically made from thin nylon. They are usually replaced every time the spinner is removed because the screw pressure against the spinner curvature causes the nylon washers to fail. Instead of nylon, these washers are machined from an extruded billet of a, very tough polymer material – the toughest we make – so they won't crack or extrude. The washers easily conform to the spinner's curved surface and will serve without replacement for a very long time. In fact, they may never need replacement! Fits a # 10 screw, with a diameter and thickness to suit the round head stainless

Screws Not Included Packaged In Bags Of 25.

P/N 05-12883