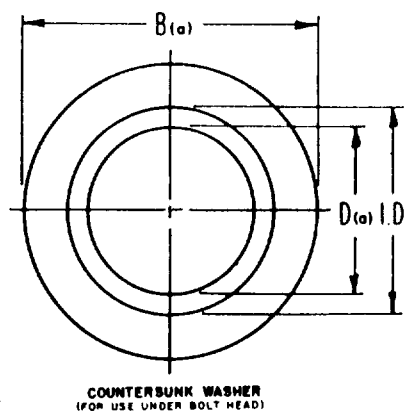
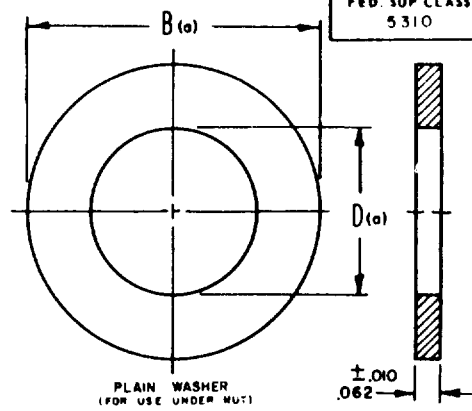


USER SYMBOLS:

REVIEWER SYMBOLS:

COUNTERSUNK WASHER  
(FOR USE UNDER BOLT HEAD)PLAIN WASHER  
(FOR USE UNDER NUT)

NOMINAL SIZE	DASH NUMBER		B(a)		D(a)		I.D.		V		FLATNESS	APPROX WEIGHT LB/100
	CSK.	PLAIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
#10	C3	3	.372	.362	.195	.191	.290	.280	.069	.057	.007	.13
1/4	C4	4	.470	.460	.255	.251	.350	.340				.21
5/16	C5	5	.573	.563	.318	.314	.412	.402				.31
3/8	C6	6	.679	.669	.380	.376	.507	.497				.43
7/16	C7	7	.783	.773	.443	.439	.569	.559	.085	.071	.010	.57
1/2	C8	8	.898	.888	.505	.501	.632	.622				.75
9/16	C9	9	1.009	.999	.568	.564	.694	.684				.95
5/8	C10	10	1.125	1.115	.631	.627	.788	.778				1.18
3/4	C12	12	1.350	1.340	.756	.752	.913	.903	.119	.099	.015	1.71
7/8	C14	14	1.572	1.562	.881	.877	1.038	1.028				2.32
1	C16	16	1.798	1.788	1.006	1.002	1.163	1.153				3.04
1 1/8	C18	18	2.188	2.178	1.131	1.127	1.288	1.278				4.81
1 1/4	C20	20	2.260	2.250	1.256	1.252	1.445	1.435				4.84
1 3/8	C22	22	2.490	2.480	1.381	1.377	1.570	1.560				5.89
1 1/2	C24	24	2.723	2.713	1.506	1.502	1.695	1.685				7.06

(a) MINIMUM BEARING AREA BASE ON A BEARING STRESS OF 90 KSI AT THE ULTIMATE TENSILE VALUE OF A 220 KSI BOLT, OR THE FLANGE DIAMETER OF MS21084 NUTS WHICHEVER IS GREATER.

MATERIAL: ALLOY STEEL, MIL-S-6758, MIL-S-18729.

HARDNESS: ROCKWELL C 38-45

SURFACE TEXTURE: 125 IN ACCORDANCE WITH ASA B46.1-1962 (ANSI).

PLATING: CADMIUM PLATE, QQ-P-416, TYPE II, CLASS 2.

PARALLELISM: WASHER FACES SHALL BE PARALLEL WITH .002 INCH.

WASHER SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.

DIMENSIONS IN INCHES.

DESIGN AND USAGE INFORMATION: THESE WASHERS ARE PRIMARILY FOR USE WITH MS21133 & MS21084 NUTS AND MS21134 AND MS21297 BOLTS.

EXAMPLE OF PART NUMBER: MS21206-3 WASHER, PLAIN, FOR NO. 10 SIZE, 220 KSI BOLT  
MS21206-C3 WASHER, COUNTERSUNK, FOR NO. 10 SIZE, 220 KSI BOLT.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.  
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

P.A. NAVY - AS Other Cust USAF - II ARMY - AV	TITLE WASHER, COUNTERSUNK AND PLAIN, FOR USE WITH BOLTS AND NUTS UP TO AND INCLUDING 220 KSI FTU	MILITARY STANDARD	
		MS21206	
PROCUREMENT SPECIFICATION	SUPERSEDES	SHEET	OF

This military standard is approved for use by all Departments & Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

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DD FORM 672-1 (Coordinator)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PLATE NO. 23085

