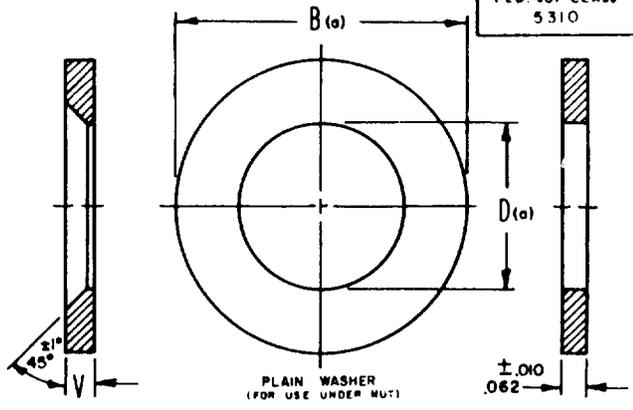
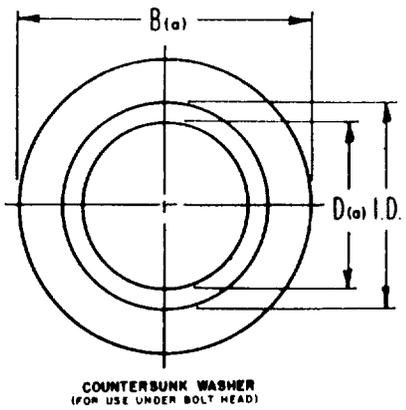


USER SYMBOLS:

REVISOR SYMBOLS:



FED. SUP CLASS  
5310

NOMINAL SIZE	DASH NUMBER		B(a)		D(a)		I. D.		V		FLATNESS MAX	APPROX WEIGHT LB/100
	CSK.	PLAIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN		
#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	.015	.099	.015	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.

\*Revision/new information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current ODIS.

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.

APPROVED 28 JAN 1972 REVISED

P.A. NAVY - AS Other Cust  USAF - 11 ARMY - AV	TITLE	MILITARY STANDARD	
	WASHER, COUNTERSUNK AND PLAIN, FOR USE WITH BOLTS AND NUTS UP TO AND INCLUDING 220 KSI FTU	MS21206	
PROCUREMENT SPECIFICATION	SUPERSEDES	SHEET	OF

