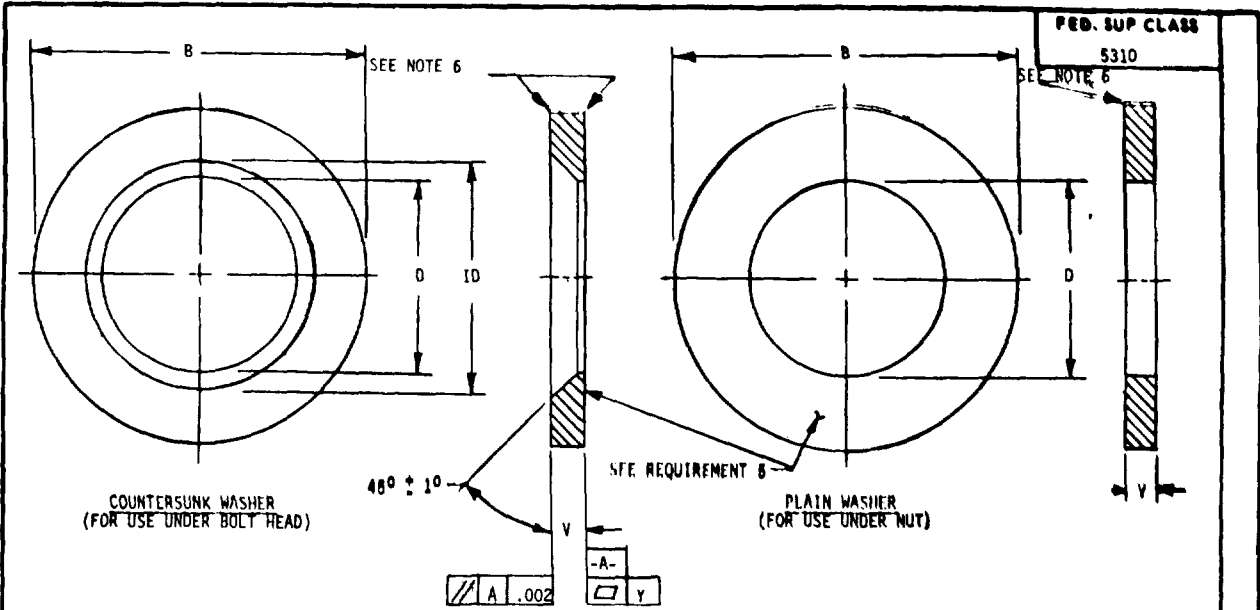


USER SYMBOLS:
ARMY - MI

REVIEWER SYMBOLS:
DLA - IS
ARMY - AT
USAF - 99

*Review/user 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 DODISS.

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.



NOMINAL	DASH NUMBER		B		D		ID		V		Y TOLERANCE	APPROX. WT. LB/100	
	CSK	PLAIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN		CSK	PLAIN
10	C3	3	.372	.362	.195	.191	.248	.238	.069	.057	.007	.13	.13
1/4	C4	4	.470	.460	.255	.251	.320	.310				.20	.21
5/16	C5	5	.585	.575	.318	.314	.396	.386				.29	.31
3/8	C6	6	.701	.691	.380	.376	.475	.465	.085	.071	.010	.50	.43
7/16	C7	7	.817	.807	.443	.439	.549	.539				.66	.57
1/2	C8	8	.932	.922	.505	.501	.624	.614				.86	.75
9/16	C9	9	1.047	1.037	.568	.564	.698	.688	.119	.099	.010	1.08	.95
5/8	C10	10	1.163	1.153	.631	.627	.774	.764				1.93	1.18

REQUIREMENTS:

1. MATERIAL: INCONEL 718 PER AMS 5596, AMS 5597, AMS 5662
2. HARDNESS: RC 36-45
3. SURFACE TEXTURE: 125/ IN ACCORDANCE WITH ANSI B46.1
4. WASHER SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.
5. MINIMUM BEARING AREA BASED ON A BEARING STRESS OF 90 KSI AT THE ULTIMATE TENSILE VALUE OF A 220 KSI BOLT.

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. DESIGN AND USAGE INFORMATION: THESE WASHERS ARE PRIMARILY FOR USE WITH MS14181 BOLTS AND MS14182 NUTS.
3. EXAMPLE OF PART NUMBER: MS14183-3 WASHER, PLAIN, FOR NO. 10 SIZE, 220 KSI NIT
MS14183-C3 WASHER, COUNTERSUNK, FOR NO. 10 SIZE, 220 KSI BOLT
4. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
5. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID, OR REQUEST FOR PROPOSAL EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
6. BREAK EDGES .015-.005x45° or .015 MAX RADIUS.

(A) DENOTES CHANGE

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 Ft _u	MS 14183
PROCUREMENT SPECIFICATION FF-W-92	SUPERSEDES:	SHEET 1 OF 1

APPROVED 30 July 1981 REVISED (A) 29 JAN 82