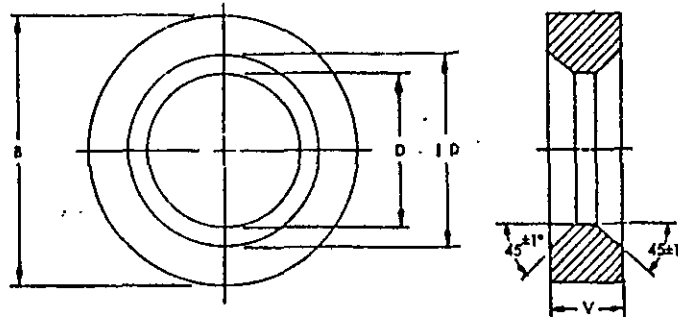


PROJECT NO. 5310-0871

FED. SUP CLASS  
5310REVIEWER SYMBOLS: USER SYMBOLS:  
ARMY - AV, EL, AT, ME, WC

DASH NO.	NOMINAL SIZE	B		D		ID		V		FLATNESS MAX	APPROX WEIGHT LB/100
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN		
4	1/4	.503	.495	.255	.251	.347	.337	.124	.114	.007	.47
5	5/16	.620	.610	.318	.314	.409	.399	.124	.114		.71
6	3/8	.766	.756	.380	.376	.504	.494	.158	.144		1.47
7	7/16	.878	.868	.443	.439	.566	.556	.158	.144		1.89
8	1/2	1.004	.994	.505	.501	.629	.619	.163	.149		2.49
9	9/16	1.120	1.110	.568	.564	.691	.681	.195	.181	.010	4.51
10	5/8	1.266	1.256	.631	.627	.785	.775	.226	.212		5.87
12	3/4	1.507	1.497	.756	.752	.910	.900	.278	.264		9.85
14	7/8	1.747	1.737	.881	.877	1.035	1.025	.320	.306		15.37
16	1	1.978	1.968	1.006	1.002	1.160	1.150	.368	.354		22.74

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

HARDNESS: ROCKWELL C 39-43.

SURFACE TEXTURE: 125/ IN ACCORDANCE WITH ANSI B46.1.

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

PARALLELISM: WASHER FACES SHALL BE PARALLEL WITHIN 0.002 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 MS 14156 NUTS AND MS 14157 BOLTS.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REFERENCE SHALL BE THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

EXAMPLE OF PART NUMBERS: MS14155-4 WASHER, COUNTERSUNK TWO SURFACES, FOR 1/4 THREAD SIZE, 180 KSI BOLT.

"Review/user information is current as of the date of this document. Per 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 specifications and for replacing use shall be made from this document.

P.A.  
NAVY - AS  
Other Code  
USAF - 11  
ARMY - AV

PROCUREMENT SPECIFICATION

TITLE

WASHER, RECESSED COUNTERSUNK TWO SURFACES, FOR USE  
WITH WHEEL BOLTS AND NUTS UP TO AND INCLUDING  
180 KSI F<sub>cu</sub>

SUPERSEDES:

MILITARY STANDARD

MS14155

SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 13066

APPROVED 13 SEP 74 REVISED



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Naval Air Engineering Center  
Philadelphia, PA 19112

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