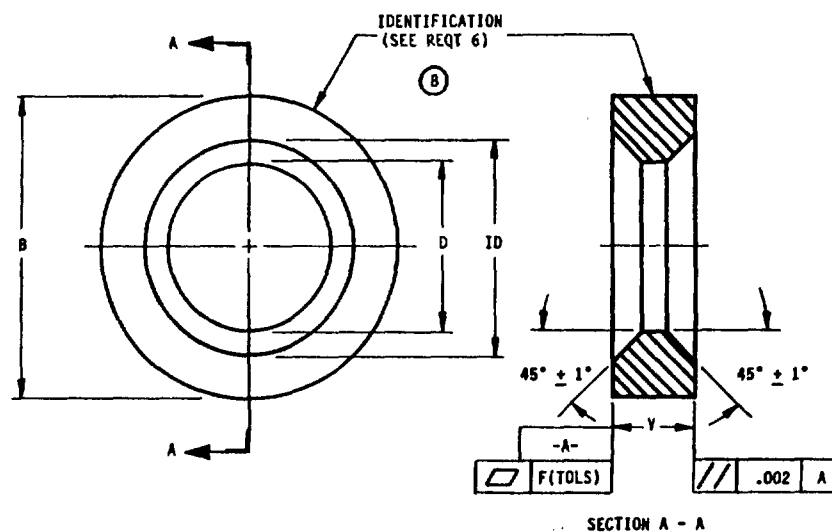


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: FF-W-92

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

FORM APPROVED
OMB NO. 0704-0188



DASH NO.	NOMINAL SIZE	B		D		ID		V		F (TOLS)	APPROX WEIGHT LB/100
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN		
4	.250	.532	.522	.255	.251	.347	.337	.133	.119	.007	.55
5	.312	.651	.641	.318	.314	.409	.399	.133	.119		.83
6	.375	.795	.785	.380	.376	.504	.494	.167	.153		1.58
7	.438	.912	.902	.443	.439	.566	.556	.167	.153		2.07
8	.500	1.038	1.028	.505	.501	.629	.619	.167	.153		2.71
9	.562	1.158	1.148	.568	.564	.691	.681	.167	.153	.010	3.39
10	.625	1.302	1.292	.631	.627	.785	.775	.198	.184		5.10
12	.750	1.546	1.536	.756	.752	.910	.900	.198	.184		7.25
14	.875	1.791	1.781	.881	.877	1.035	1.025	.198	.184		9.78

REQUIREMENTS:

1. MATERIAL: ALLOY STEEL, MIL-S-6758, MIL-S-18729.
2. HARDNESS: ROCKWELL C 39-43.
3. SURFACE TEXTURE: 125 MICROINCHES IN ACCORDANCE WITH ANSI B46.1.
4. PLATING: CADMIUM PLATE, QQ-P-416, TYPE II, CLASS 2.
5. REMOVE BURRS AND BREAK SHARP EDGES .005 MAX.
6. MARK PART NUMBER, MANUFACTURER'S IDENTIFICATION AND LOT TRACEABILITY CODE, DEPRESSED .003-.010.

NOTES:

1. DIMENSIONS IN INCHES.
2. DESIGN AND USAGE INFORMATION: THESE WASHERS ARE PRIMARILY FOR USE WITH MS14164 NUTS AND MS14163 BOLTS.
3. EXAMPLE OF PART NUMBERS MS14177-4 WASHER, COUNTERSUNK TWO SURFACES FOR .250 IN. DIA, 220 KSI BOLT.
4. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
5. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

(B) DENOTES CHANGE

PREPARING ACTIVITY: NAVY - AS

CUSTODIANS: ARMY - AY NAVY -
AIR FORCE - 99 DLA -

REVIEW: USAF-82

USER:

PROJECT NUMBER: 5310-1767

DISTRIBUTION STATEMENT

MILITARY SPECIFICATION SHEET

TITLE

WASHER, RECESSED, COUNTERSUNK TWO SURFACES,
FOR USE WITH WHEEL BOLTS AND NUTS UP TO
AND INCLUDING 220 KSI Ftu

SPECIFICATION SHEET NUMBER
MS14177 REV B
20 SEP 91

SUPERSEDING
MS14177 REV A 21 SEP 77

AMSC - N/A

FSC 5310

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