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FORM APPROVED

OMB NO. 0704-0188

DASH HOMINAL SIZE		В		D		I D		٧		F	APPROX
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	(TOLS)	WEIGHT LB/100
4	.250	.532	.522	.255	.251	.347	.337	.133	.119		.55
5	.312	.651	.641	.318	.314	.409	.399	.133	.119	}	.83
6,	.375	.795	.785	.380	.376	.504	.494	.167	.153	.007	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:

- MATERIAL: ALLOY STEEL, MIL-S-6758, MIL-S-18729.
  HARDNESS: ROCKMELL C 39-43.
  SUBFACE TEXTURE: 125 MICROINCHES IN ACCORDANCE WITH ANSI B46.1.
  PLATING: CADMIUM PLATE, QQ-P-416, TYPE II, CLASS 2.
  REMOYE BURRS AND BREAK SHARP EDGES .005 MAX.
  MARK PART NUMBER, MANUFACTURER'S IDENTIFICATION AND LOT TRACEABILITY CODE, 0 DEPRESSED .003-.010.

## NOTES:

- DIMENSIONS IN INCHES.
- DESIGN AND USAGE INFORMATION: THESE MASHERS ARE PRIMARILY FOR USE WITH MS14164 NUTS AND MS14163 BOLTS.

  EXAMPLE OF PART NUMBERS MS14177-4 MASHER, COUNTERSUME TWO SURFACES FOR .250 IN. DIA,
- 220 KSI BOLT.
- 220 KSI BOLT.

  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.

  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

SPECIFICATION SHEET NUMBER PREPARING ACTIVITY: NAVY -- AS MILITARY SPECIFICATION SHEET MS1417 CUSTODIANS: ARMY -- AY NAYY -20 SEP 91 AIR FORCE - 99 DLA -SUPERSEDING MS14177 REV A WASHER, RECESSED, COUNTERSUNK TWO SURFACES, FOR USE WITH WHEEL BOLTS AND NUTS UP TO 21 SEP 77 **REVIEW: USAF-82** AND INCLUDING 220 KSI Ftu USER: PROJECT NUMBER: 5310-1767 FSC 5310 AMSC -- N/A DISTRIBUTION STATEMENT A APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED. PAGE 1 OF