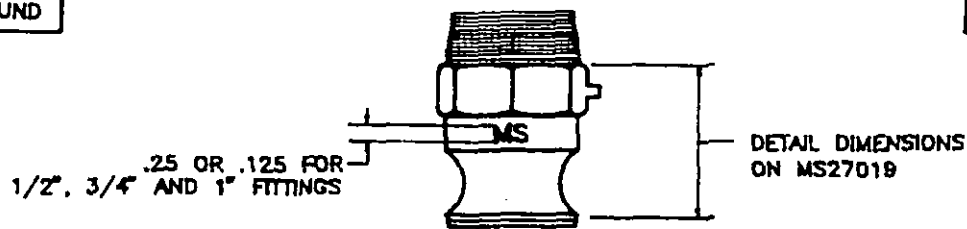


INCH-POUND

Form Approved
OMB No. 0704-0188

DASH NUMBER	CLASS NUMBER		NEAL SIZE INCHES
	CLASS 1	CLASS 2	
-1	X		1/2
-2		X	
-3	X		3/4
-4		X	
-6	X		1
-8		X	
-7	X		1-1/4
-8		X	
-9	X		1-1/2
-10		X	

DASH NUMBER	CLASS NUMBER		NEAL SIZE INCHES
	CLASS 1	CLASS 2	
-11	X		2
-12		X	
-13	X		2-1/2
-14		X	
-16	X		3
-18		X	
-17	X		4
-18		X	
-19	X		6
-20		X	

NOTES:

1. MATERIAL:
CLASS 1. ALUMINUM ALLOYS UNS A03560-T6, A07120-T5 OR A07130-T5 PER ASTM B26, SEE NOTE 8.
CLASS 2. COPPER ALLOYS UNS C83600, C83800, C84400, C90500 AND C92200 PER ASTM B584, OR ALLOY C37700 PER ASTM B283, SEE NOTE 8.
2. FINISH:
CLASS 1. ALUMINUM- MIL-A-8625, ANODIC COATING, TYPE II, CLASS 1, THICKNESS 0.0004 IN. MIN.
CLASS 2. BRONZE OR BRASS-PLAIN (NO FINISH REQUIRED).
3. THREADS: NATIONAL TAPERED PIPE THREAD PER ANSI/ASME B1.20.1.
4. HYDROSTATIC TEST PRESSURE: 1/2 THROUGH 4 INCH-300 P.S.I.G; 6 INCH-225 P.S.I.G.
5. WORKING PRESSURE: 150 P.S.I.
6. PART NUMBER: THE MS PART NUMBER CONSISTS OF THE MS SHEET NUMBER PLUS THE DASH NUMBER. EXAMPLE: MS27022-1.
7. COLOR OF ANODIC COATING TO BE SPECIFIED BY THE CONTRACTING OFFICER.
8. OPTIONAL MATERIALS FOR 1/2", 3/4" AND 1" FITTINGS:
CLASS 1. ALUMINUM ALLOY UNS A92011 PER ASTM B211.
CLASS 2. COPPER ALLOY UNS C36000 PER ASTM B16.
9. CERTAIN PROVISIONS (DIMENSIONS) OF THIS DOCUMENT ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT. PRIOR TO REVISION, OR CANCELLATION OF THIS DOCUMENT, THE PREPARING ACTIVITY SHALL TAKE APPROPRIATE ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS.
10. REVISION LETTERS ARE NOT USED TO DENOTE CHANGES DUE TO THE EXTENSIVENESS OF THE CHANGES

PREPARING ACTIVITY: ARMY-ME
CUSTODIANS: ARMY-ME NAVY-YD
AIR FORCE-69 DIA-
REVIEW: ARMY-AV, CL USAF-82 DIA-CS
USER: ARMY-AV, AT NAVY-MC, SH
PROJECT NUMBER: 4730-0125

MILITARY STANDARD
TITLE: COUPLING HALF, QUICK DISCONNECT
CAM-LOCKING TYPE, MALE
EXTERNAL PIPE THREAD, TYPE III

SPECIFICATION SHEET NUMBER
MS 27022E
21 SEPTEMBER 1992

SUPERSEDING
REVISION 4 OCT 1988
ASQC- N/A FSC 6730

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