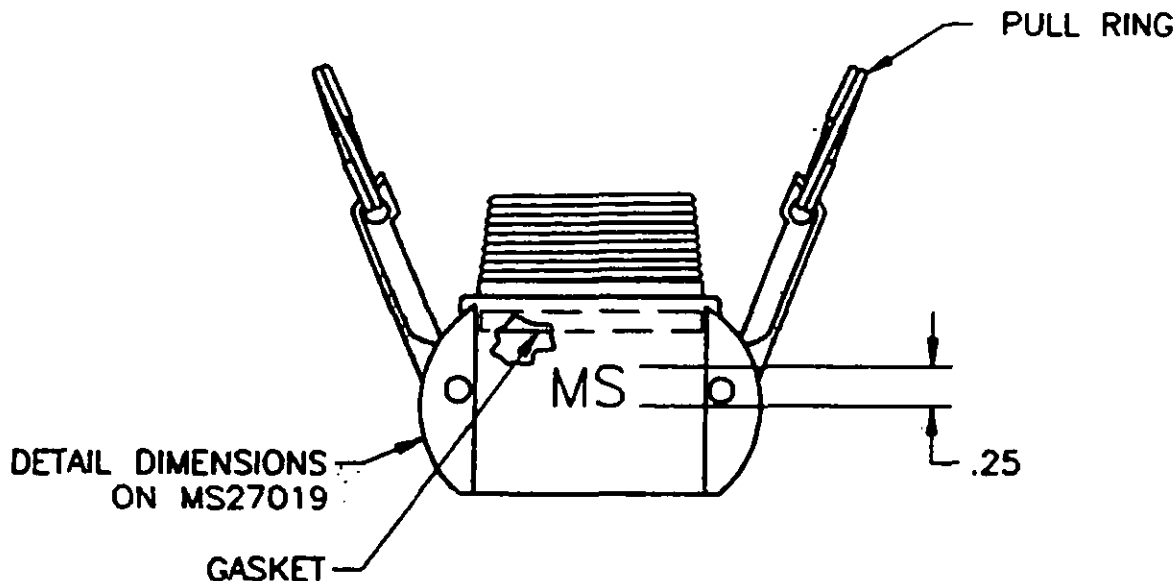


INCH-POUND

Form approved
OMB No. 0704-0188

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: MIL-C-27487



DASH NUMBER	CLASS NUMBER		NOM. SIZE	GASKET REQD
	CLASS 1	CLASS 2		
-1	X		1/2	MS27030-1
-2		X		
-3	X		3/4	MS27030-2
-4		X		
-5	X		1	MS27030-3
-6		X		
-7	X		1-1/4	MS27030-4
-8		X		
-9	X		1-1/2	MS27030-5
-10		X		
-11	X		2	MS27030-6
-12		X		
-13	X		2-1/2	MS27030-7
-14		X		
-15	X		3	MS27030-8
-16		X		
-17	X		4	MS27030-9
-18		X		

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

PREPARING ACTIVITY: ARMY-ME
CUSTODIANS: ARMY-ME NAVY-YD
AIR FORCE-99
REVIEW: ARMY-AV, GL USAF-82 DIA-CS
NAVY-MC
PROJECT NUMBER: 4730-0128

MILITARY SPECIFICATION SHEET
TITLE: COUPLING HALF, QUICK DISCONNECT,
CAM-LOCKING TYPE, FEMALE,
EXTERNAL PIPE THREAD, TYPE III

SPECIFICATION SHEET NUMBER
MS 27026E 1 AUG 1994
SUPERSEDING MS27026D 4 OCT 1985
AMSC- N/A FSC 4730

DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

PAGE 1 OF 2

DD FORM 672

MAY 1988

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INCH-POUND

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NOTES:

1. MATERIAL:
 - A. BODY:
 - CLASS 1. ALUMINUM ALLOYS UNS A03560-T6, A07120-T5 OR A07130-T5 PER ASTM B26.
 - CLASS 2. COPPER ALLOYS UNS C83600, C83800, C84400, C90500 AND C92200, PER ASTM B584, OR ALLOY C37700 PER ASTM B283.
 - B. CAM ARMS:
 - COPPER ALLOYS UNS C36500, C37700, C46400, C48200 OR C48500 PER ASTM B124. OPTIONAL MATERIALS CRES UNS S30400 PER ASTM A314 OR ALUMINUM ALLOY UNS A03560-T6 PER ASTM B26.
 - C. CAM PINS:
 - CRES, UNS S30323 OR S30300 PER ASTM A582 OR QQ-S-763, CRES, CLASS UNS S30430, UNS S31600, CONDITION A, PER ASTM A276.
 - D. RINGS, WIRE:
 - CRES UNS S30400 OR S30200 PER ASTM A313.
2. FINISH:
 - CLASS 1. ALUMINUM-MIL-A-8625, ANODIC COATING, TYPE II, CLASS 1, 0.0004 INCH MINIMUM THICKNESS.
 - 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.
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: MS27026-1.
7. FITTINGS SHALL INCLUDE GASKET AND PULL (WIRE) RINGS.
8. BURRS, SHARP EDGES AND FOREIGN MATERIAL SHALL BE REMOVED.
9. CERTAIN PROVISIONS (DIMENSIONS) OF THIS DOCUMENT ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT (STANAG 2761). 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 EXTENSIVENESS OF THE CHANGES.

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