

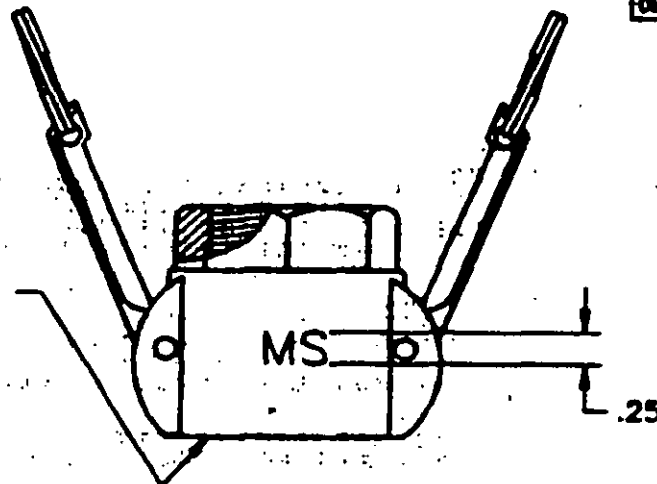
THE REQUIREMENTS FOR ADDRESSING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIDER  
OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN  
THAT ISSUE OF THE DODDS SPECIFIED IN THE SOLUTION: MS-C-27487

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

INCH-POUND

Form approved  
OMB No. 0704-0188

DETAIL DIMENSIONS  
ON MS27019



DASH NUMBER	CLASS NUMBER		NOM. SIZE INCHES	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		
-19	X		6	MS27030-10
-20		X		

(E) DENOTES CHANGES

PREPARED BY: ARMY-SE  
CHECKED BY: ARMY-SE ARMY-10  
AIR FORCE-99 SLA-  
REVIEW: ARMY-99/SLA USMC-99 SLA-CS  
USER: ARMY-99/SLA ARMY-99/SLA  
PROJECT NUMBER 4730-0136

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

SPECIFICATION SHEET NUMBER  
MS 27024E 20 DEC 1983  
SUPERSEDES  
MS27024D 4 OCT 1985  
AMSC- N/A FSC 4730

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

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DD FORM 672

MAY 1988

PREVIOUS EDITIONS OF THE FORM ARE OBSOLETE

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 DOCS SPECIFIED IN THE SOLICITATION ML-C-27487

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

INCH-POUND		Form approved OMB No. 0704-0188	
<p>NOTES:</p> <p>(E) 1. MATERIAL:</p> <p>A. BODY:</p> <p>CLASS 1. ALUMINUM ALLOYS UNS A03560-T6, A07120-T5 OR A07130-T5 PER ASTM B26.</p> <p>CLASS 2. COPPER ALLOYS UNS C83600, C83800, C84400, C90500 AND C92200, PER ASTM B584, OR ALLOY C37700 PER ASTM B283.</p> <p>B. CAM ARMS:</p> <p>COPPER ALLOYS UNS C36500, C37700, C48400, C48200 OR C48500 PER ASTM B124. OPTIONAL MATERIALS CRES UNS S30400 PER ASTM A314. POWDERED METAL PER MPF (METAL POWDER INDUSTRIES FEDERATION) STD 35, GALVANIZED.</p> <p>C. CAM PINS:</p> <p>CRES, UNS S30323 OR S30300 PER ASTM A582 OR QQ-S-763, CRES, CLASS UNS S30430, UNS S31600, CONDITION A.</p> <p>D. RINGS, WIRE:</p> <p>CRES UNS S30400, OPTIONAL: SPRING STEEL, TYPE OPTIONAL, ZINC COATED.</p> <p>(E) 2. FINISH:</p> <p>A. BODY:</p> <p>CLASS 1. ALUMINUM-MIL-A-8625, ANODIC COATING, TYPE II, CLASS 1.</p> <p>CLASS 2. BRONZE OR BRASS-PLAIN (NO FINISH REQUIRED).</p> <p>3. THREADS: NATIONAL TAPERED PIPE THREAD PER ANSI/ASME B1.20.1.</p> <p>(E) 4. HYDROSTATIC TEST PRESSURE: 1/2 THROUGH 4 INCH-300 P.S.I.G.; 6 INCH-200 P.S.I.G.</p> <p>5. WORKING PRESSURE: UP TO 4 INCH-150 P.S.I.; FOR 6 INCH-100 P.S.I.</p> <p>(E) 6. GASKET AND WIRE RINGS SHALL BE INCLUDED WITH EACH COUPLING HALF.</p> <p>7. PART NUMBER: THE MS PART NUMBER CONSISTS OF THE MS SHEET NUMBER PLUS THE DASH NUMBER, EXAMPLE: MS27024-1.</p> <p>8. 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.</p> <p>(E) DENOTES CHANGES</p>			
PREPARING ACTIVITY: ARMY-DE CUSTODIAN: ARMY-DE ARMY-YD AIR FORCE-86 DIA- REVIEW: ARMY-DA/DA USN-82 DIA-CS USER: ARMY-SALAT NAVY-MC/SH PROJECT NUMBER: 4730-0126		MILITARY SPECIFICATION SHEET TITLE: COUPLING HALF, QUICK DISCONNECT, CAM-LOCKING TYPE, FEMALE, INTERNAL PIPE THREAD, TYPE II	
DISTRIBUTION STATEMENT & APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED.		SPECIFICATION SHEET NUMBER <b>MS 27024E</b> 20 DEC 1983 SUPERSEDING MS27024D 4 OCT 1985 AMSC- N/A FSC 4730	
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