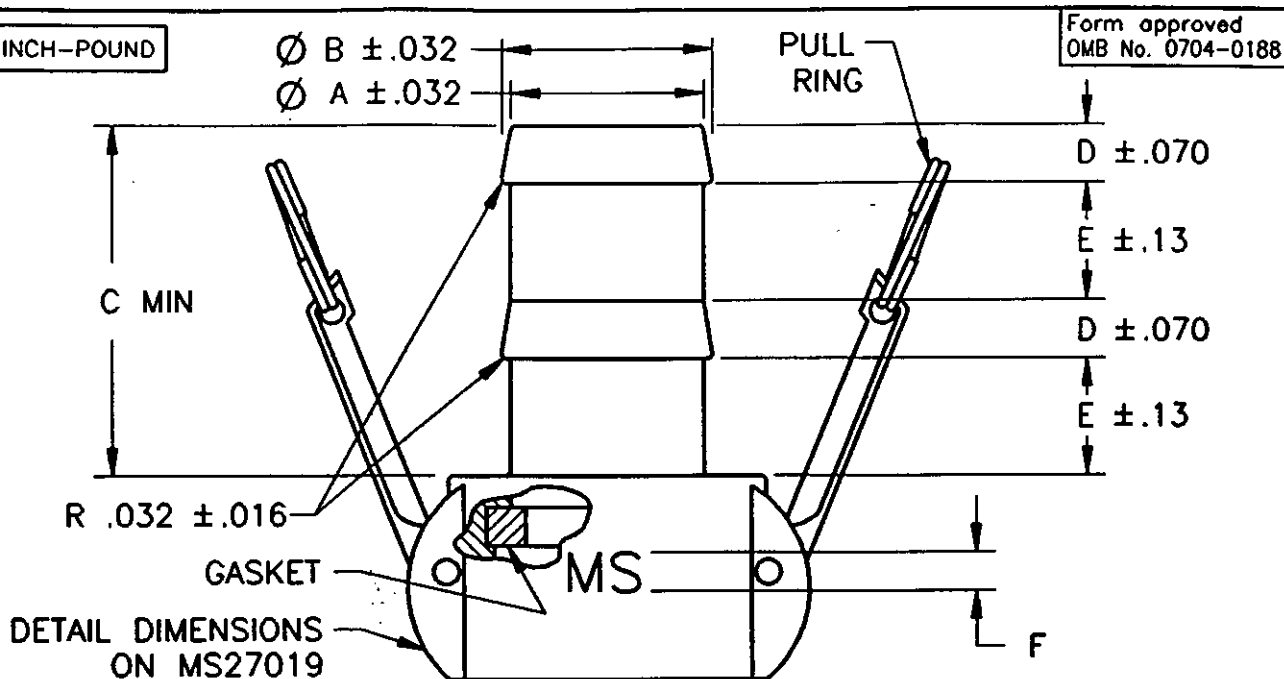


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-C-27487

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



DASH NUMBER	CLASS NUMBER		NOMINAL SIZE	DIMENSIONS						GASKET REQD
	CLASS 1	CLASS 2		A	B	C	D	E	F	
-1	X		1/2	.484	.594	1.50	.188	.50	.125	MS27030-1
-2		X	1/2	.484	.594	1.50	.188	.50	.125	MS27030-1
-3	X		3/4	.734	.844	2.00	.250	.75	.125	MS27030-2
-4		X	3/4	.734	.844	2.00	.250	.75	.125	MS27030-2
-5	X		1	.984	1.078	2.25	.375	.75	.125	MS27030-3
-6		X	1	.984	1.078	2.25	.375	.75	.125	MS27030-3
-7	X		1-1/4	1.234	1.344	2.37	.375	.81	.25	MS27030-4
-8		X	1-1/4	1.234	1.344	2.37	.375	.81	.25	MS27030-4
-9	X		1-1/2	1.484	1.594	2.37	.375	.81	.25	MS27030-5
-10		X	1-1/2	1.484	1.594	2.37	.375	.81	.25	MS27030-5
-11	X		2	1.969	2.094	3.00	.375	1.12	.25	MS27030-6
-12		X	2	1.969	2.094	3.00	.375	1.12	.25	MS27030-6
-13	X		2-1/2	2.484	2.626	3.12	.438	1.37	.25	MS27030-7
-14		X	2-1/2	2.484	2.626	3.12	.438	1.37	.25	MS27030-7
-15	X		3	2.969	3.125	4.00	.500	1.50	.25	MS27030-8
-16		X	3	2.969	3.125	4.00	.500	1.50	.25	MS27030-8
-17	X		4	3.969	4.125	4.25	.500	1.62	.25	MS27030-9
-18		X	4	3.969	4.125	4.25	.500	1.62	.25	MS27030-9
-19	X		6	SEE PAGE 2						MS27030-10
-20		X	6	SEE PAGE 2						MS27030-10

PREPARING ACTIVITY: ARMY-ME
CUSTODIANS: ARMY-ME NAVY-YD1
AIR FORCE-99
REVIEW: ARMY-AV, GLAT USAF-82
DLA-CS NAVY-MC
PROJECT NUMBER: 4730-0127

MILITARY SPECIFICATION SHEET
TITLE: COUPLING HALF, QUICK DISCONNECT,
CAM-LOCKING TYPE, FEMALE,
HOSE SHANK, TYPE VI

SPECIFICATION SHEET NUMBER
MS 27025F 1 AUG 1994
SUPERSEDING
MS27025E 4 OCT 1985
AMSC- N/A FSC 4730

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PAGE 1 OF 2

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INCH-POUND	Form approved OMB No. 0704-0188
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DETAIL DIMENSIONS ON MS 27019

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 S.S. POWDERED METAL PER MPF STD 35; 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 S30200 OR S30400, 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. BURRS, SHARP EDGES, AND ALL FOREIGN MATERIAL SHALL BE REMOVED.
4. HYDROSTATIC TEST PRESSURE: 1/2 THROUGH 4 INCH-300 P.S.I.G.; 6 INCH-150 P.S.I.G.
5. WORKING PRESSURE: 1/2 THRU 4 INCH-150 P.S.I.; 6 INCH-75 P.S.I.
6. PART NUMBER: THE MS PART NUMBER CONSISTS OF THE MS SHEET NUMBER PLUS THE DASH NUMBER. EXAMPLE: MS27025-1.
7. FITTING SHALL INCLUDE GASKET AND PULL (WIRE) RINGS.
8. 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.
9. REVISION LETTERS ARE NOT USED TO DENOTE CHANGES DUE TO EXTENSIVENESS OF THE CHANGES.

PREPARING ACTIVITY: ARMY-ME CUSTODIANS: ARMY-ME NAVY-YD1 AIR FORCE-99 REVIEW: ARMY-AV, GLAT USAF-82 DLA-CS NAVY-MC PROJECT NUMBER: 4730-0127	MILITARY SPECIFICATION SHEET TITLE: COUPLING HALF, QUICK DISCONNECT, CAM-LOCKING TYPE, FEMALE, HOSE SHANK, TYPE VI	SPECIFICATION SHEET NUMBER MS 27025F 1 AUG 1994 SUPERSEDING MS27025E 4 OCT 1985 AMSC- N/A FSC4730
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