

PROJ. SUP. C. 4730
 4730

 FITTING END IN ACCORDANCE WITH
 STANDARD MS3356, STYLE E, FOR
 TUBE SIZE SHOWN EXCEPT DIM. OF
 HEX OR FLATS MAY EXCEED DIM.
 SPECIFIED FOR STYLE E, MAX DIM.
 NOT TO EXCEED K

 BULKHEAD MOUNTING END, FITTING ROSS IN ACCORDANCE
 WITH STANDARD AND10050 FOR TUBE SIZE SHOWN

 THREAD T AND THREAD RELIEF IN
 ACCORDANCE WITH STANDARD MS33514,
 STYLE E

 BULKHEAD MOUNTING
 HALF NIPPLE LENGTH

HEX THICKNESS

J, COUPLED LENGTH

 J₁, UNCOUPLED LENGTH
 (a)

 LIMITS OF SWEEP AREA
 OF COUPLING DEVICE

 REMOVABLE, HINGE TYPE, FLANGE
 REF SEE STANDARD MS24335

 Review activities: DLA - CS
 NAVY - AS
 USAF - B2
 ARMY - AY

DASH NO.	TUBE OD INCH	THREAD T MIL-S-8879	A DIA ±.015	B DIA MAX	C ±.010	D ±.010	E	F MIN	G ±.016 ±.000	H MAX	J ±.032 ±.062	J ₁ MAX	K DIA MAX
-4	1/4	.8750-14 UNJF-3A	.750	1.000	.594	.030	1.125 ±.003	.375	.250	1.384	3.175	3.769	1.625
-6	3/8	1.0625-12 UNJF-3A	.875	1.250	.718	.030	1.375 ±.004	.375	.250	1.910	3.566	4.222	1.812
-8	1/2	1.3125-12 UNJF-3A	1.063	1.500	.718	.030	1.625 ±.016	.375	.250	1.348	3.990	4.659	1.937
-10	5/8	1.6250-12 UNJF-3A	1.125	1.594	.781	.030	1.875 ±.020	.375	.250	1.938	4.640	5.515	2.125
-12	3/4	1.6250-12 UNJF-3A	1.438	1.750	.906	.062	1.875 ±.020	.438	.312	2.200	4.919	5.753	2.375
-16	1	1.8750-12 UNJF-3A	1.687	2.000	.938	.093	2.125 ±.020	.438	.312	2.503	5.827	6.847	2.625
-20	1-1/4	2.5000-12 UNJF-3A	2.000	2.375	.984	.125	2.750 ±.020	.500	.312	2.900	6.727	7.897	2.875

(a) INDICATES COMPLETE SEPARATION OF COUPLING HALVES, ALLOWING LATERAL DISPLACEMENT WITHOUT INTERFERENCE BETWEEN COUPLING HALVES.

MATERIAL: SEE PROCUREMENT SPECIFICATION.

FINISH: SEE PROCUREMENT SPECIFICATION.

PRESSURE RATING: SEE PROCUREMENT SPECIFICATION.

NOTES:

1. DIMENSIONS ARE IN INCHES.

2. EXAMPLE OF PART NO.: MS24333-X-4

DASH SIZE

MANUFACTURER'S IDENTIFICATION LETTER ASSIGNED BY QUALIFYING ACTIVITY.

BASIC MILITARY STANDARD NO.

3. THE ASSEMBLY DOES NOT INCLUDE FLANGE STANDARD MS24335.

4. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

5. 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.

(E) DENOTE CHANGES

P.A. Navy - AS Other Cust USAF - 99 ARMY - AY	TITLE COUPLING ASSEMBLY, HYDRAULIC, SELF-SEALING, QUICK DISCONNECT, FLARED FITTING TO INTERNAL THREAD ROSS	MILITARY STANDARD MS24333
PROCUREMENT SPECIFICATION MIL-C-25427	SUPERSEDES: MS24333 (ASG)	SHEET 1 OF 1 U. S. GOVERNMENT PRINTING OFFICE: 1989-30-1-328-6348

DD FORM 672-1

(Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PROJECT NO. 4730-1002

 DISTRIBUTION STATEMENT: APPROVED FOR PUBLIC RELEASE. DISTRIBUTION IS UNLIMITED.
 This military standard is approved for use by all Departments & Agencies of the Department of Defense. Solicitation for all new engineering and design applications and for repeating use shall be made from this document.

AMSC N/A

APPROVED 23 JUL 56 REVISED 12 AUG 57 7 NOV 57 9 NOV 61 10 MAY 68 28 OCT 87