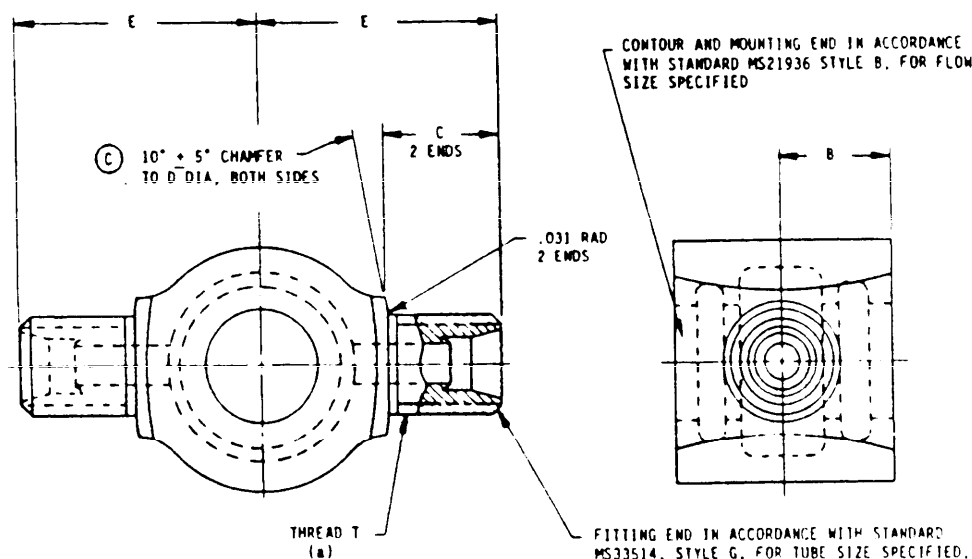


FED SUP CLASS
4730USER SYMBOLS:
USAF - BZ
ARMY - ME, AT
DLA - CSREVISION SYMBOLS:
USAF - BZ
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AMSC N/A



LOW FLOW SIZE DASH NUMBER	TUBE OD	THREAD T MIL-S-8879	B	C	D	E	WT LB MAX
-3L	3/16	.3750-24 UNJF-3A	.500	.484	.710	1.047	.031
-4L	1/4	.4375-20 UNJF-3A		.531		1.094	.032
-5L	5/16	.5000-20 UNJF-3A		.562		1.125	.033
-6L	3/8	.5625-18 UNJF-3A		.562		1.125	.033

HIGH FLOW SIZE DASH NUMBER	TUBE OD	THREAD T MIL-S-8879	B	C	D	E	WT LB MAX
-4H	1/4	.4375-20 UNJF-3A	.594	.531	.710	1.343	.069
-5H	5/16	.5000-20 UNJF-3A		.562		1.375	.071
-6H	3/8	.5625-18 UNJF-3A		.562		1.375	.072
-8H	1/2	.7500-16 UNJF-3A		.656	.750	1.469	.073

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© DEMOTES CHANGES

P.A. NAVY - AS Other Cust USAF - 98 ARMY - AY	INTERNATIONAL INTEREST SEE NOTE 7	TITLE BODY, CLUSTER FITTING, TWO WAY, 180°, FLARELESS	MILITARY STANDARD MS21944
PROCUREMENT SPECIFICATION MIL-F-18280	SUPERSEDES	MS 21944 (ASG)	SHEET 1 OF 2

DD FORM 1 MAR 72 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

Project No. 4730-1004

APPROVED 15 FEB 56
REVISED A 20 NOV 57
B 27 JUNE 59
C 28 AUG 67

FED. SUP. CLASS
4730USER SYMBOLS
ADPT - ME, AT

REVIEWER SYMBOLS

USAF - RZ
ADPT - MT
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NOTES:

1. MATERIAL: ALUMINUM ALLOY - BAR OR FORGING. SEE PROCUREMENT SPECIFICATION.
- (C) 2. FINISH: SEE PROCUREMENT SPECIFICATION.
SURFACE FINISH IN ACCORDANCE WITH ANSI B46.1.
ALL MACHINED SURFACES FINISHED TO 250 RHR MAX EXCEPT AS NOTED.
3. FITTINGS SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS.
4. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .010$, ANGLES $\pm 1/2^\circ$.
5. PART NUMBERS:
NO CODE LETTER IN PART NUMBER FOR ALUMINUM ALLOY (2024), (2014).
ADD W IN PLACE OF DASH FOR ALUMINUM ALLOY (7075).
EXAMPLES OF PART NUMBERS:
MS21944-BH - BODY, 1/2 TUBING, HIGH FLOW, ALUMINUM ALLOY (2024) OR (2014).
MS21944WBH - BODY, 1/2 TUBING, HIGH FLOW, ALUMINUM ALLOY (7075).
6. INSTALLATION IN ACCORDANCE WITH MS21931.
7. CERTAIN PROVISIONS (SCREW THREADS) OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ASQC AIR STD 17/15. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.
- (C) 8. 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.
- (C) 9. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

APPROVED 15 FEB 56
REVISED (C) FOR CHANGES SEE SHEETS 1 AND 2

AMSC N/A

P.A. NAVY - AS Other Cust USAF - 99 ARMY - AV	INTERNATIONAL INTEREST SEE NOTE 7	TITLE BODY, CLUSTER FITTING, TWO WAY, 180°, FLARELESS	MILITARY STANDARD MS21944
PROCUREMENT SPECIFICATION MIL-F-18280	SUPERSEDES: MS21944 (ASG) (C)		SHEET (C) 2 OF 2