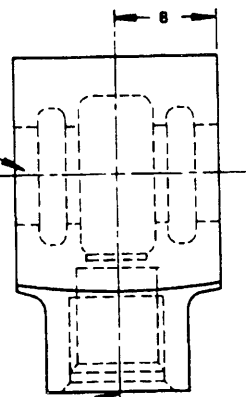
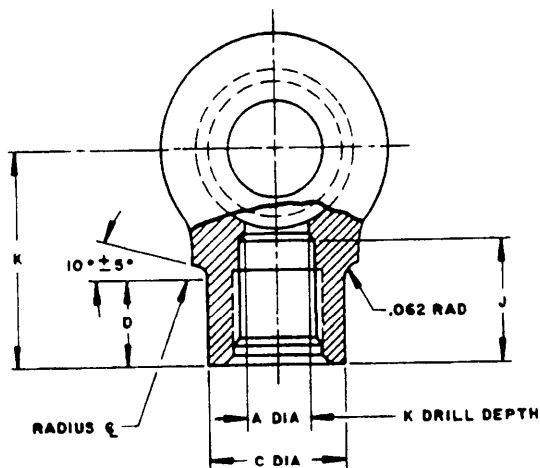


FED. SUP CLASS  
4 7 3 0

CONTOUR AND MOUNTING END IN ACCORDANCE WITH STANDARD MS21936, STYLE A, FOR FLOW SIZE SPECIFIED



BOSS IN ACCORDANCE WITH MS33649 FOR APPLICABLE TUBE SIZE, EXCEPT TAP DRILL DEPTH J WHICH SHALL CONFORM TO TABLE BELOW. THREAD T

LOW FLOW SIZE DASH NUMBER	TUBE OD	THREAD T REF	A	B	+ C -.031	+ D -.031	J	K
-4L	1/4	7/16-20 UNF-3B	.312	.500	.688	.406	.625	1.062
-6L	5/16	1/2-20 UNF-3B	.344		.750	.438		1.094
-8L	3/8	9/16-18 UNF-3B			.812	.469		1.125

HIGH FLOW SIZE DASH NUMBER	TUBE OD	THREAD T REF	A	B	+ C -.031	+ D -.031	J	K
-4H	1/4	7/16-20 UNF-3B	.312	.594	.688	.297	.625	1.219
-5H	5/16	1/2-20 UNF-3B	.375		.750	.312		1.250
-6H	3/8	9/16-18 UNF-3B	.406		.812	.375		1.312
-8H	1/2	3/4-16 UNF-3B	.422		1.125	.625		1.500

User activities:

Review activities:  
DSA - CS

(C) MATERIAL: ALUMINUM-ALLOY EXTRUSION, 24S, SPECIFICATION QQ-A-200/3, TEMPER T4, ARTIFICIALLY AGED.  
ALUMINUM-ALLOY FORGING, 2014, SPECIFICATION QQ-A-367, COMPOSITION 5, TEMPER T6.

FINISH: SEE PROCUREMENT SPECIFICATION.

(C) ALL MACHINED SURFACES FINISHED TO 250 RHR MAX EXCEPT AS NOTED.  
SURFACE FINISH IN ACCORDANCE WITH STANDARD ASA B46.1.  
FITTINGS SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.  
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± .010, ANGLES ± 1/2°.  
INSTALLATION IN ACCORDANCE WITH STANDARD MS21931.

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.

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design application and for repetitive use shall be made from this document.

(C)

P.A AIR FORCE - 82  
Other Code  
NAVY - AS

TITLE  
BODY, CLUSTER FITTING, ONE WAY, INTERNAL BOSS

MILITARY STANDARD

MS 21946

PROCUREMENT SPECIFICATION  
MIL-F-5509

SUPERSEDES:

SHEET 1 OF 1