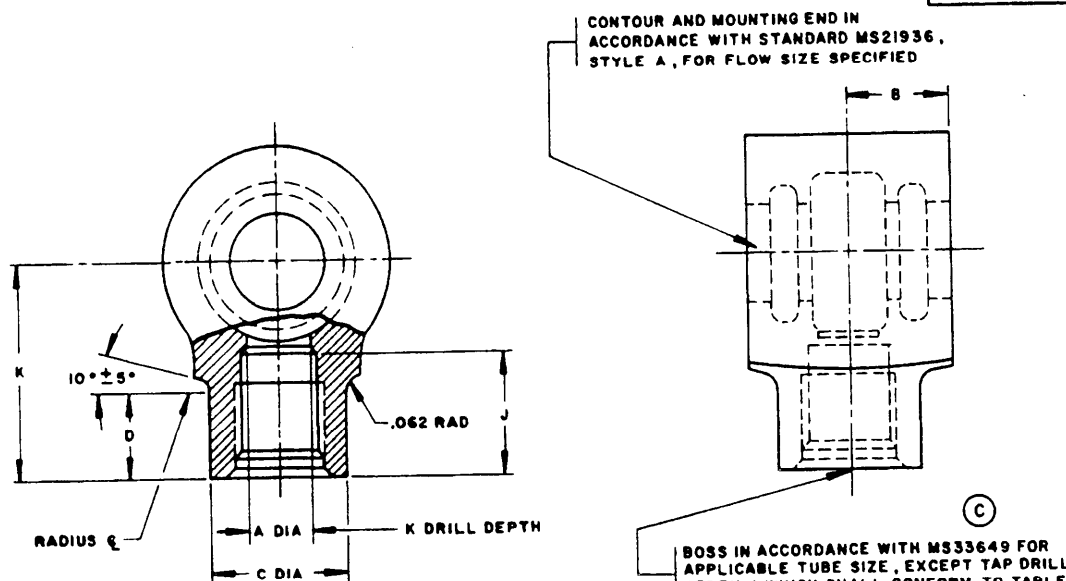


FED. SUP CLASS
4730

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	.750	1.500

- (C) MATERIAL: ALUMINUM-ALLOY EXTRUSION, 245, 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.

(C)

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.

P.A. AIR FORCE - 82
Other Cast
NAVY - A3

TITLE

BODY, CLUSTER FITTING, ONE WAY, INTERNAL BOSS

PROCUREMENT SPECIFICATION
MIL-F-5509

SUPERSEDES:

MILITARY STANDARD

MS 21946

SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 15 FEB 56 REVISED (A) 20 NOV 57 (B) 12 JAN 62 (C) 28 JUL 75