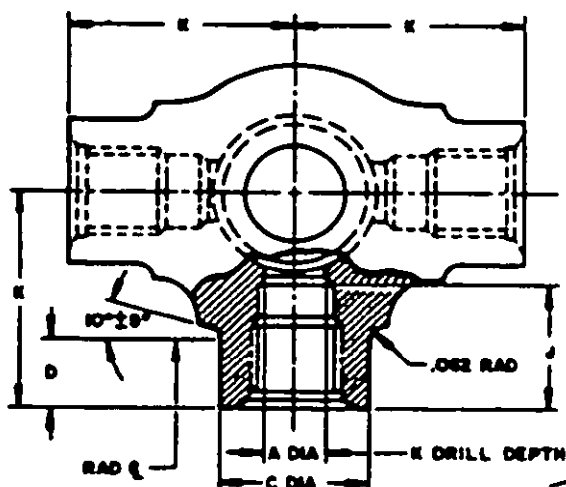


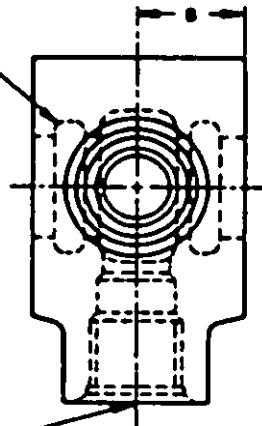
Drawn: 05/11/60

Reviewed: 05/11/60
DRA - CS

This military standard is intended for use by all Departments and Agencies of the Department of Defense. It includes the use of any engineering and design information and the application of the standard to all parts and assemblies.



CONTOUR AND MOUNTING END IN ACCORDANCE WITH STANDARD MS21934, STYLE A, FOR FLOW SIZE SPECIFIED



BOSS IN ACCORDANCE WITH MS233649 FOR APPLICABLE TUBE SIZE, EXCEPT TAP DRILL DEPTH J WHICH SHALL CONFORM TO TABLE BELOW. THREAD T, 3 ENDS

LOW FLOW SIZE DASH NUMBER	TUBE OD	THREAD T REF	A	B	C ±.031	D ±.031	J	E
41	1/4	1/16-28 UNF-28	.313		.000	.000		1.063
42	5/16	1/8-28 UNF-28	.364	.000	.100	.030	.030	1.084
43	3/8	9/16-18 UNF-18			.313	.000		1.130

HIGH FLOW SIZE DASH NUMBER	TUBE OD	THREAD T REF	A	B	C ±.031	D ±.031	J	E
44	1/4	1/16-28 UNF-28	.313		.000	.007		1.070
45	5/16	1/8-28 UNF-28	.370	.000	.100	.313	.030	1.080
46	3/8	9/16-18 UNF-18	.400		.313	.370		1.012
48	1/2	3/4-16 UNF-16	.433		1.120	.430	.100	1.000

MATERIAL: ALUMINUM-ALLOY EXTRUSION, 6061 SPECIFICATION QQ-A-354-6, TEMPER T4, ARTIFICIALLY AGED.
ALUMINUM-ALLOY FORGING, 6061, SPECIFICATION QQ-A-351, COMPOSITION A, TEMPER T4.

FINISH: SEE PROCUREMENT SPECIFICATION.

ALL MACHINED SURFACES FINISHED TO 320 RMS EXCEPT AS NOTED.
SURFACE FINISH IN ACCORDANCE WITH STANDARD ASA B46.1.
FITTINGS SHALL BE FREE FROM ALL HARMING BURRS AND FLAKES WHICH MIGHT BECOME ENLOADED UNDER USAGE.
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± .010, ANGLES ± 1/16°.

INSTALLATION IN ACCORDANCE WITH STANDARD MS21931.

FOR DESIGN FEATURES FORM, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
SUPERSEDED DOCUMENTS SHALL BE OF THIS SERIES IN EFFECT ON DATE OF DITVATIONS FOR BLD.

APPROVED 20 NOV 57 REVISED 4 18 JAN 60 13 JUN 70

P.A. AIR FORCE - 02 Other Code NAVY - 45	TITLE BODY, CLUSTER FITTING, THREE WAY, INTERNAL BOSS	MILITARY STANDARD MS 21960
PROCUREMENT SPECIFICATION MS-P-6800	SUPERSEDES:	SHEET 1 OF 1