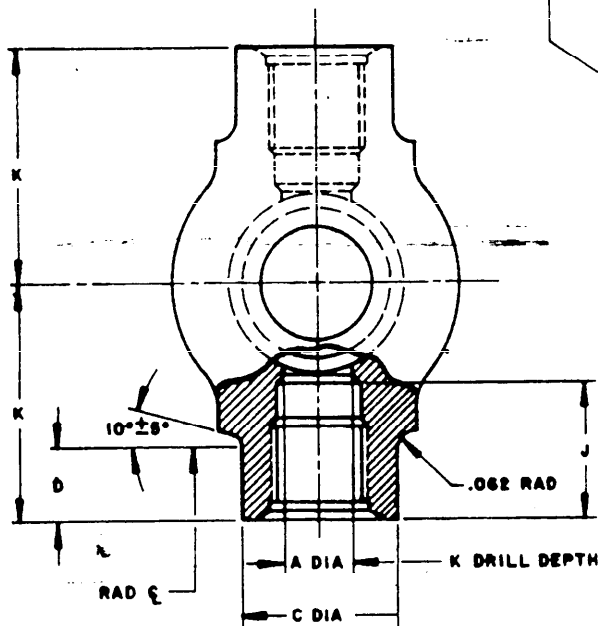


FED. SUP CLASS
4730CONTOUR AND MOUNTING END IN ACCORDANCE WITH
STANDARD MS21936, STYLE A, FOR FLOW SIZE
SPECIFIEDBOSS IN ACCORDANCE WITH MS33649 FOR APPLICABLE
TUBE SIZE EXCEPT TAP DRILL DEPTH J WHICH SHALL
CONFORM TO TABLE BELOW. THREAD T, BOTH ENDS

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
-5L	5/16	1/2-20 UNF-3B	.344		.750	.438		1.094
-6L	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

- (B)** 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.

ALL MACHINED SURFACES FINISHED TO 250 RHR MAX, EXCEPT AS NOTED.

- (B)** FITTINGS SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.
SURFACE FINISH IN ACCORDANCE WITH STANDARD ASA B46.1.
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.

(B)

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

TITLE

BODY, CLUSTER FITTING, TWO-WAY, 180°, INTERNAL BOSS

MILITARY STANDARD

MS 21958

PROCUREMENT SPECIFICATION

SUPERSEDES:

SHEET OF

User activities:

Review activities:
DSA --

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

APPROVED 20 NOV 57 REVISED (A) 12 JAN 62 (B) 29 JUL 75