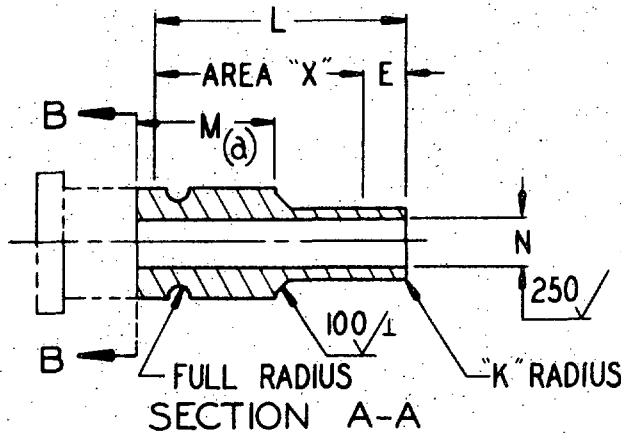
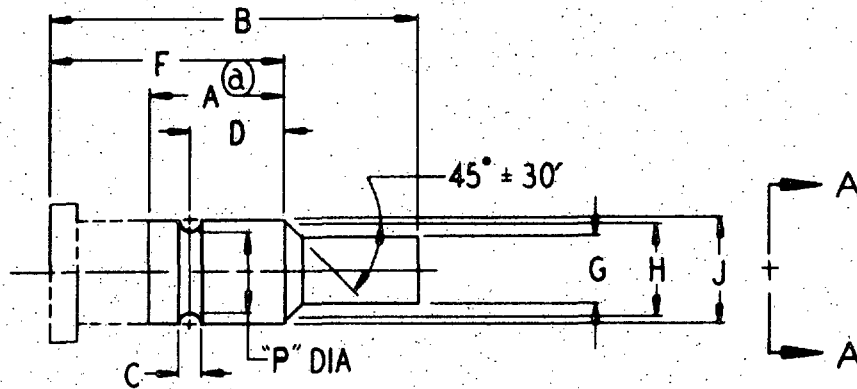


FED. SUP CLASS
4730



MATERIAL : CORROSION RESISTING STEEL : CLASS 304
CONDITION "A" SPECIFICATION QQ-S-763.
ALUMINUM ALLOY : 6061-T651
SPECIFICATION QQ-A-225/8.

FINISH : CORROSION RESISTING STEEL : PASSIVATE
PER MIL-F-27272.
ALUMINUM ALLOY : ANODIZE, SPECIFICATION
MIL-A-8625, TYPE II, DYE BLUE.

DRY-FILM LUBRICATE AREA "X" IN ACCORDANCE WITH MIL-L-8937. NO
OVERSPRAY ALLOWED.

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED : RADIUS OR BREAK ALL
CORNERS .005 + .005 -.000, REMOVE ALL BURRS AND SLIVERS, SURFACE
ROUGHNESS PER ANSI B46.1 - 1962 NOT TO EXCEED 125 AA. ALL DIAMETERS
MUST BE CONCENTRIC WITHIN .005 TIR.

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

APPROVED 1 Sep 61 Revised (A) 2 Jul 63 (B) 2 May 66 (C) 30 JUN 72

NOTE: The Government has a royalty free license under the following listed patents for the benefit of Manufacturers of the item either for the Government or for use in equipment to be delivered to the Government. (U.S. Patent Nos. 2,533,517; 3,044,163; 3,055,682)

User Activities:
Army - WC, ME, MI

Activities:
Army - AV
Navy - AS
Air Force - 82

This standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. Air Force - II Other Cust Army - AV Navy - AS Preparation Specification MIL-F-27272	TITLE: NIPPLE, STRAIGHT, SWIVEL FLANGE	MILITARY STANDARD
		MS27076
	SUPERSEDES:	SHEET 1 OF 2

FED. SUP. CLASS
4730

THIS IS A DESIGN STANDARD FOR MANUFACTURING PURPOSES, THE ITEM IS ONLY PROCURED AS AN INTEGRAL PART OF ADAPTER ASSEMBLIES.

ANY DESIGN TO THE LEFT OF PLANE B-B IS ACCEPTABLE PROVIDED THE NIPPLE IS OF ONE PIECE DESIGN, DIM'S "B" AND "F", THE MATERIALS SPECIFIED AND THE FABRICATION NOTES OF THIS STANDARD ARE MET.

- (a) USE "A" DIM WHEN THE ADJACENT DIA TO THE LEFT OF PLANE B-B IS GREATER THAN "J" DIM, WHEN THE ADJACENT DIA IS EQUAL TO OR LESS THAN "J" DIM, "M" DIM, MAY BE USED IN PLACE OF "A" DIM.

NEXT ASSEMBLY MS27062

User Activities:
Army - WC, ME, MI
Navy - AS
Air Force - 82

Review Activities:
Army - AV
Navy - AS
Air Force - 82

DASH NO.		A		B	C		"D" +.005 - .000		E		F
STEEL	ALUM			±.015			STEEL	ALUM			±.010
-8C	-8D	.617	MIN	1.797	.098	+.004 -.000	.385	.385	.32	±.12	1.197
-10C	-10D	.654		1.902			.420	.427	.35	±.15	1.252
-12C	-12D	.755		2.107	.500	.500					
-16C	-16D	.831		2.193	.128	+.005 -.000	.545	.545	.39	±.19	1.463
-20C	-20D	.881		2.457			.565	.571	.48	±.28	1.522
-24C	-24D	1.035		2.605			.665	.665	.50	±.30	1.625

G	H	J	K		L		"M"	N		P	
+ .000 - .005	±.005	+ .005 - .000					MIN				
.491	.530	.616	.020	+.005 -.000	1.030	MIN	.583	.345	+.006 -.000	.497	+.005 -.000
.531	.625	.706			1.130		.620	.440		.586	
.655	.760	.826	.030	±.005	1.240		.720	.560		.674	
.905	1.040	1.150			1.340		.796	.828		1.001	+.008 -.000
1.156	1.275	1.405			1.570		.846	1.058		1.255	+.005 -.000
1.406	1.550	1.635	.035	1.720	1.000		1.282	1.490			

APPROVED 1 Sep 61 REVISED (C) FOR CHANGES SEE SHEET 1.

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This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. Air Force - II Other Cust Army - AV Navy - AS Procurement Specification MIL-F-27272	TITLE NIPPLE, STRAIGHT, SWIVEL FLANGE	MILITARY STANDARD
		MS 27076
SUPERSEDES:	SHEET	2 OF 2