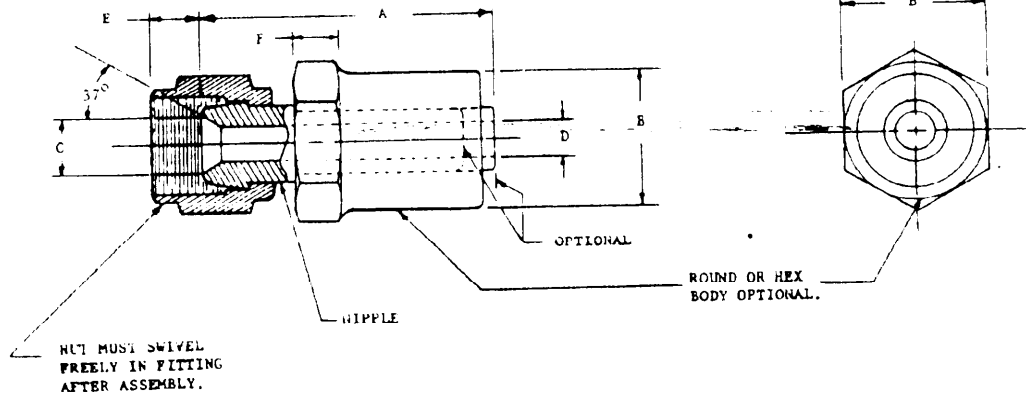


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This letter, if used, has been approved by the Department of Defense and is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

Review/User information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current DODISS.



MS PART NO.	TUBING OD	A MAX	B <sup>(a)</sup> MAX	C <sup>(b)</sup> +.005 -.000	D MIN	E +1/64 -0	F MIN	NUT
MS27404-2	1/E	1-5/32	1/2	.189	.052	21/64	3/16	AN818-2
MS27404-3	3/16	1-7/32	9/16	.245	.109	5/16	3/16	AN818-3
MS27404-4	1/4	1-1/4	5/8	.295	.154	11/32	3/16	AN818-4
MS27404-6	3/8	1-5/8	13/16	.435	.281	3/8	1/4	AN818-6
MS27404-8	1/2	1-3/4	1	.570	.375	27/64	1/4	AN818-8
MS27404-10	5/8	1-7/8	1-1/8	.690	.453	1/2	5/16	AN818-10

- (a) Dimension B shall fit standard wrench opening.
- (b) Dimension C applies to machined parts only. Conical seat to be concentric with O.D. of nipple within .005 total indicator reading. When a flared tubing end is used the flare shall be in accordance with MS33584. Fitting assembly shall withstand all tests specified in Specification MIL-A-38726 when assembled with hose conforming to MIL-H-5593.

Material: Aluminum Alloy - Bars, Shapes or Forgings  
Steel - Bars or Rods  
Finish: See procurement specification.

Example Part Numbers: MS27404-4P - Fitting Assembly for 1/4 tubing, Steel, Plated.  
MS27404-4D - Fitting Assembly for 1/4 tubing, Aluminum Alloy.

MS27404 items made from Aluminum Alloy are universally interchangeable with AN773 items of like dash numbers. Sampling for inspection: See procurement specification.  
Dimension in inches: Unless otherwise specified, tolerance: Decimals ± .010 Fractions ± 1/64 Angles ± 1/2°.  
Remove all burrs and sharp edges.  
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 invitation for bid.

P.A. AIR FORCE - 69 Other Cost NAVY - WT ARMY - H0	TITLE ADAPTER, STRAIGHT, REUSABLE, TUBE TO HOSE, LOW PRESSURE	MILITARY STANDARD <b>MS27404</b>
PROCUREMENT SPECIFICATION MIL-A-38726	SUPERSEDES: AN773	SHEET 1 OF 1

APPROVED 12 Apr 65 REVISED