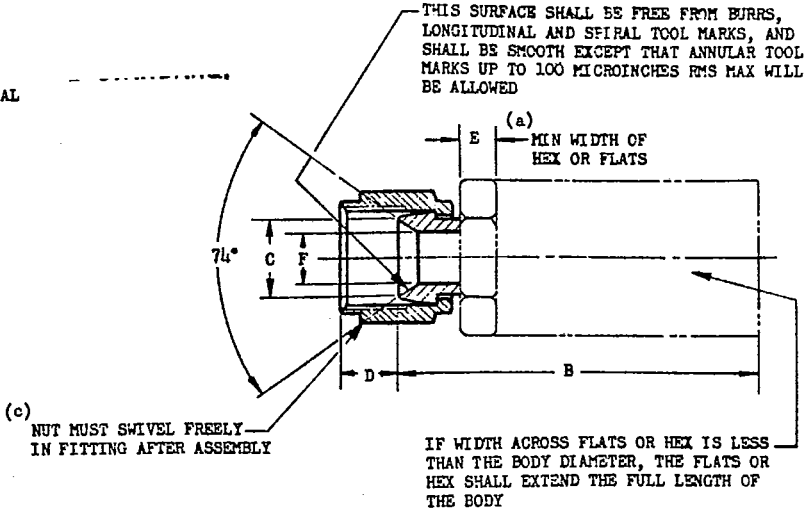
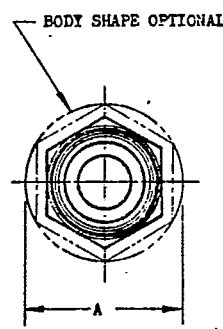


E-14-41

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing supersedes all antecedent standard drawings for the same product and shall become effective for the procurement of aeronautical supplies, or for use in new design, not later than 6 months after the latest date of approval shown.



AN PART NO.	HOSE ID REF	TUBING OD	(c) NUT	A MAX DIA	B MAX	(b) C DIA	D	MAX OPERATING PRESS. PSI	E MIN	F MIN DIA	WT MAX LB
(d) AN782-3	1/8	3/16	AN818-3	13/16	1- 3/8	.245 ^{+0.005} _{-.000}	5/16 ^{+1/64} ₋₀	2000	3/16	.123	.045
AN782-4	3/16	1/4	AN818-4	7/8	1- 3/4	.295 ^{+0.005} _{-.000}	11/32 ^{+1/64} ₋₀	3000	3/16	.157	.062
AN782-5	1/4	5/16	AN818-5	15/16	2- 1/32	.355 ^{+0.005} _{-.000}	3/8 ^{+1/64} ₋₀	3000	3/16	.219	.093
AN782-6	5/16	3/8	AN818-6	1- 1/16	2- 3/32	.435 ^{+0.005} _{-.000}	3/8 ^{+1/64} ₋₀	2000	1/4	.271	.157
AN782-8	13/32	1/2	AN818-8	1- 3/16	2-21/32	.570 ^{+0.005} _{-.000}	27/64 ^{+1/64} ₋₀	2000	1/4	.383	.280
AN782-10	1/2	5/8	AN818-10	1- 3/8	2- 5/16	.680 ^{+0.005} _{-.000}	1/2 ^{+1/64} ₋₀	1750	5/16	.469	.340
AN782-12	5/8	3/4	AN818-12	1- 1/2	2- 5/8	.850 ^{+0.005} _{-.000}	9/16 ^{+1/64} ₋₀	1500	3/8	.578	.400
AN782-16	7/8	1	AN818-16	1- 9/16	2- 3/4	1.103 ±.005	19/32 ^{+0.020} _{-.000}	800	3/8	.781	.183
AN782-20	1- 1/8	1-1/4	AN818-20	1-15/16	2- 7/8	1.410 ±.005	5/8 ^{+0.020} _{-.000}	600	1/2	1.031	.310
AN782-32	1-13/16	2	AN818-32	2- 7/8	3- 1/8	2.240 ±.005	15/16 ^{+0.020} _{-.000}	350	1/2	1.750	.812

- (a) HEX OR FLATS SHALL FIT STANDARD WRENCH OPENINGS.
 - (b) DIMENSION C OF CONICAL SEAT TO BE CONCENTRIC WITH OD OF NIPPLE WITHIN .005 FULL INDICATOR READING.
 - (c) A NON-STANDARD SWIVEL NUT MAY BE USED PROVIDED THE HEX DIMENSION AND THE THREAD DIMENSIONS ARE IN ACCORDANCE WITH AN818 AND PROVIDED THE NUT CANNOT BE REMOVED FROM THE ASSEMBLY.
 - (d) PART NUMBER AN782-3 INACTIVE FOR DESIGN FOR HYDRAULIC USAGE AFTER 1 JULY 1949.
- FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTE, SEE ANA BULLETIN NO. 337.
 EXAMPLES OF PART NUMBERS: AN782-3, -4, -5, -6 SHALL BE STEEL NIPPLE AND NUT AND ALUMINUM ALLOY BODY.
 AN782-8 AND ABOVE MAY BE ALUMINUM ALLOY OR STEEL NIPPLE, ALUMINUM ALLOY NUT AND BODY

THESE FITTINGS ARE FOR USE WITH AN-H-24 HOSE AS SHOWN ON DRAWING AN6271.
 REMOVE ALL BURRS AND SHARP EDGES.
 DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ±1/64, DECIMALS ±.010, ANGLES ±1°.
 FOR ACCEPTABLE PRODUCTS SEE ANA BULLETIN NO. 341.
 THIS DRAWING SUPERSEDES DRAWING AN792 FOR HYDRAULIC AND PNEUMATIC USE.
 THE AIRPLANE MANUFACTURER SHALL ALLOW CLEARANCE FOR THE MAXIMUM DIMENSIONS SHOWN ON THIS DRAWING FOR INSTALLATION.

- ③ INACTIVE FOR DESIGN AFTER 24 SEPT 1951 SEE DRAWING MS 28740
- ③ NOT TO BE PROCURED FOR REPLACEMENT PURPOSES.
- ③ REPLACEMENT TO BE MADE WITH MS28740

③ PROCUREMENT SPECIFICATION MIL-F-5505	AIR FORCE-NAVY AERONAUTICAL STANDARD FITTING END-HYDRAULIC AND PNEUMATIC HOSE SWIVEL, DETACHABLE FOR AN-H-24 HOSE	AN782
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APPROVED 1 Aug 48 REVISED 1 22 Sep 48 2 1 Jul 49 3 24 Sep 51