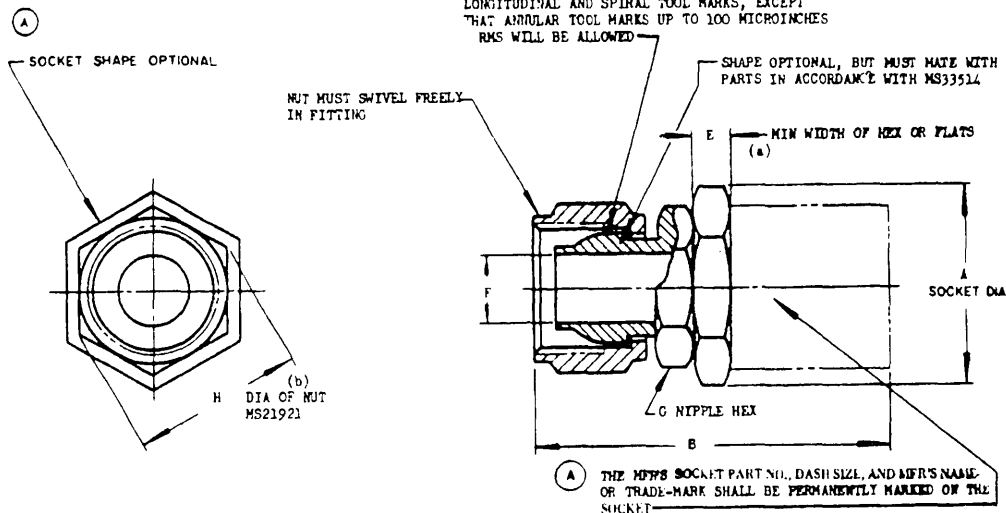


FED. SUP CLASS  
4730

MS PART NO.	HOSE ID REF	TUBING OD	(b) NUT	A MAX DIA	B MAX	(a) E MIN	F MIN DIA	G MIN DIA	H MIN DIA
MS28761-4	7/32	1/4	MS21921-4	.875	2.491	.188	.146	.543	.649
MS28761-5	9/32	5/16	MS21921-5	.937	2.631		.177	.625	.721
MS28761-6	11/32	3/8	MS21921-6	1.160	3.000	.250	.271	.688	.794
MS28761-8	7/16	1/2	MS21921-8	1.375	3.310		.365	.875	1.018
MS28761-10	9/16	5/8	MS21921-10	1.550	3.564	.312	.455	1.000	1.155
MS28761-12	11/16	3/4	MS21921-12	1.740	3.823	.375	.566	1.250	1.443
MS28761-16	7/8	1	MS21921-16	2.000	4.511		.800	1.500	1.732

- (a) HEX OR FLATS SHALL FIT STANDARD WRENCH OPENINGS.
- (b) A NON-STANDARD SWIVEL NUT MAY BE USED, PROVIDED THE HEX AND THREAD DIMENSIONS ARE IN ACCORDANCE WITH MS21921, AND PROVIDED THE NUT CANNOT BE REMOVED FROM ASSEMBLY.

THE MS PART NUMBER SHALL BE MARKED ON A REMOVABLE TAG SECURELY ATTACHED TO THE END FITTING ASSEMBLY.

- (A) NIPPLES AND NUT SHALL BE OF STEEL AND SOCKET OF ALUMINUM, AS SPECIFIED IN SPECIFICATION MIL-F-8789. THESE FITTINGS FOR USE WITH SPECIFICATION MIL-H-8788 HOSE AS SHOWN ON STANDARD MS28762. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS  $\pm .005$ , ANGLES  $\pm 1^\circ$ . CLEARANCE SHALL BE ALLOWED FOR THE MAXIMUM DIMENSIONS SHOWN ON THIS STANDARD FOR INSTALLATION. THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

THIS DOCUMENT HAS BEEN PROMULGATED BY THE DEPARTMENT OF DEFENSE AS THE MILITARY STANDARD TO LIMIT SELECTION OF THE ITEM, PRODUCT, OR DESIGN COVERED HEREIN IN ENGINEERING, DESIGN, AND PROCUREMENT. THIS STANDARD SHALL BECOME EFFECTIVE NOT LATER THAN 90 DAYS AFTER THE LATEST DATE OF APPROVAL SHOWN.

P.A. USAF - 82 Other Cost Navy - AS	TITLE (A) FITTING END, ATTACHABLE, HYDRAULIC HIGH PRESSURE HOSE (3,000 PSI), FLAMELESS TUBE	MILITARY STANDARD <b>MS28761</b>
PROCUREMENT SPECIFICATION MIL-F-8789	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

Navy - AS  
USAF - 82

Review activities

This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Subsequent to all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 7 Sep 56  
REVISED (A)  
25 AUG 70