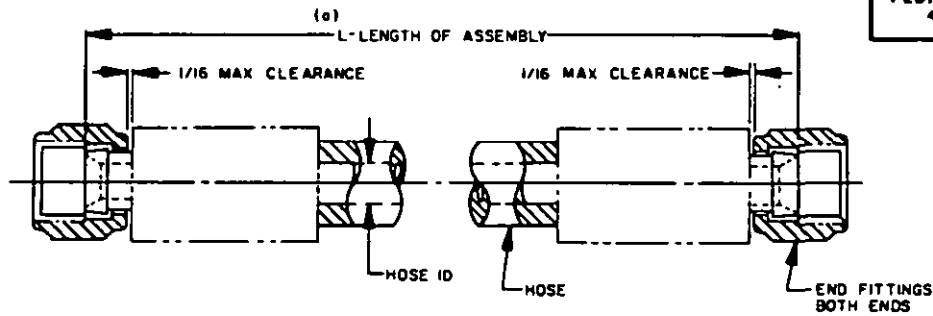


FED. SUP CLASS.
4720

MS ASSEMBLY NO.	TUBING OD REF	HOSE ID REF	END FITTING
(b) MS28741-3	3/16	1/8	MS24587-3
MS28741-4	1/4	3/16	MS24587-4
MS28741-5	5/16	1/4	MS24587-5
MS28741-6	3/8	5/16	MS24587-6
MS28741-8	1/2	13/32	MS24587-8
MS28741-10	5/8	1/2	MS24587-10
MS28741-12	3/4	5/8	MS24587-12
MS28741-16	1	7/8	MS24587-16
MS28741-20	1-1/4	1-1/8	MS24587-20
MS28741-24	1-1/2	1-3/8	MS24587-24
MS28741-32	2	1-13/16	MS24587-32

NOTE 3:

- (a) HOSE ASSEMBLIES TO BE SPECIFIED IN THE FOLLOWING LENGTH INCREMENTS ONLY:
12 INCHES LONG AND UNDER - NOT LESS THAN 1/8.
12 TO 18 INCHES LONG - NOT LESS THAN 1/4.
OVER 18 INCHES LONG - NOT LESS THAN 1/2.
- (b) ASSEMBLY NUMBER MS28741-3 INACTIVE FOR DESIGN FOR HYDRAULIC USE.
MS24587 END FITTINGS ARE DIMENSIONALLY AND FUNCTIONALLY INTERCHANGEABLE
WITH MS28740. END FITTINGS SHALL CONFORM TO MIL-A-5070
ASSEMBLIES SHALL BE PROOF PRESSURE TESTED IN ACCORDANCE WITH SPECIFICATION MIL-H-8795.
SEE MIL-H-8795 FOR USE, OPERATING PRESSURE AND AGE CONTROL OF HOSE ASSEMBLY.

MS ASSEMBLY NUMBERS FOR USE OF AIRCRAFT CONTRACTORS AND HOSE ASSEMBLERS ONLY.
PROVISIONING PARTS BREAKDOWN MUST LIST COMPONENT PARTS. SPARE AND MAINTENANCE PARTS
ARE NOT TO BE ORDERED BY SERVICES UNDER THE ASSEMBLY NUMBER. SERVICES TO ORDER END
FITTINGS BY THEIR INDIVIDUAL PART NUMBERS AND HOSE CONFORMING TO MIL-H-8795.

- (H) EACH HOSE ASSEMBLY SHALL BE IDENTIFIED WITH A DURABLE PERMANENTLY ATTACHED TAG PLAINLY MARKED
WITH THE MILITARY STANDARD (MS) HOSE ASSEMBLY NUMBER, (COMPLETE WITH SIZE AND LENGTH), DATE OF
ASSEMBLY IN THE QUARTER OF YEAR AND YEAR, AND THE NAME, TRADEMARK OR SYMBOL OF THE HOSE ASSEMBLER
(OPTIONAL ASSEMBLER'S PART NUMBER).

EXAMPLE OF PART NUMBER: MS28741-8-0154 - HOSE ASSEMBLY FOR 1/2 OD TUBING - LENGTH = 16 1/2 INCHES.
FRACTIONS IN EIGHTHS OF AN INCH
INCHES
SIZE

LENGTH L SHALL ALWAYS BE SPECIFIED BY FOUR DIGITS; THE LAST DIGIT SHALL ALWAYS INDICATE FRACTIONS
IN EIGHTHS OF AN INCH

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCE: LENGTH L ± 1/8 (L UNDER 18)
± 1/4 (L FROM 18 TO 36)
± 1/2 (L OVER 36 TO 50)
± 1 PERCENT (L OVER 50)

REDUCTION OF CLASS 3 THREAD TO CLASS 2 THREAD ON COUPLING NUT DURING ASSEMBLING OR TESTING
SHALL NOT BE CAUSE FOR REJECTION OF ASSEMBLY.

FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTE SEE MIL-STD-32.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

USER ACTIVITY:
ARMY M1REVIEW ACTIVITIES:
ARMY-ME
NAVY-08
DLA-CJ

This military standard 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.

APPROVED 24 Sep 51
REVISED F 20 Apr 65
1 Apr 71
23 Mar 83

P.A. USAF-82	TITLE	MILITARY STANDARD
Other Com: ARMY-AV NAVY-AS USAF-89	HOSE ASSEMBLY, DETACHABLE END FITTING, MEDIUM PRESSURE	MS28741
PROCUREMENT SPECIFICATION MIL-H-8795	SUPERSEDES: AN6264, AN6271	SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

EDITION OF 1 SEP 57 MAY BE USED.