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IN REPLY
REFER TO

DSCC -VAI (Gail Dever/(614-692-8781)

June 16, 2004

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Initial Draft for MS28760D, Fitting End, Straight, Attachable, Hydraulic and Pneumatic, High Pressure Hose (3,000 PSI), Flared Tube, Project Number 4730-2518-000.

This initial draft revision is a proposal to correct the "D" dimension for size dash number 12 from .502 inches to 0.562 inches.

If this document is of interest to you, please provide your comments to the project officer electronically. It is very important that you attempt to respond electronically to this draft. This can be in the form of a return e-mail, with or without an attached text file. Because we believe electronic coordination should be faster than hard copy distribution, we have allotted a 45-day coordination cycle from the date of this letter. Please provide your comments within that time period. If an electronic response is not possible, we will still accept comments via letter, facsimile, or phone call, but only after you have contacted the project officer listed below. The initial draft document can be found at the following DSCC-VA web page:

<http://www.dsccl.dla.mil/Programs/MilSpec/initialdrafts.asp>

This process still requires military departments to identify their comments as "Essential" or "Suggested". Essential comments must be justified with supporting data. Military review activities should forward comments to their custodians or this office, as applicable, in sufficient time to allow for consolidating the department reply.

If there are any questions regarding this project, please contact Gail Dever (project officer) by the preferred method of electronic mail at gail.dever@dlamil by telephone at commercial 614-692-8781, DSN 850-8781; or by facsimile at 614-692-6939. Our mailing address as a last resort is Defense Supply Center, Columbus, (DSCC-VAI), P.O. Box 3990, Columbus, OH 43216-5000. If you have further questions or concerns regarding this program, you may contact me at 614-692-0566 or richard.taylor@dlamil.

Sincerely,

/signed/

RICHARD L. TAYLOR
Chief
Interconnection Devices Team

cc:
DSCC-CSAB (Don Groesbeck)
DSCC-VSS (Beverly Wilson)
DSCC-VSC (Michael Jones)
Army - AT, AV, MI
Air Force - 71, 99
Navy - AS, SA
TRW (Katy Bingham)



NOTE: This initial draft, dated 5 April 2004, prepared by DSCC-VAI, has Not been approved and is subject to modification. DO NOT USE FOR ACQUISITION PURPOSES. Project 4730-2518-000.

INCH-POUND

MS28760E
DRAFT
SUPERSEDING
MS28760D
06 April 2001

DETAIL SPECIFICATION SHEET

FITTING END, STRAIGHT, ATTACHABLE, HYDRAULIC AND PNEUMATIC, HIGH PRESSURE HOSE (3,000 PSI), FLARED TUBE

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of MIL-DTL-8789.

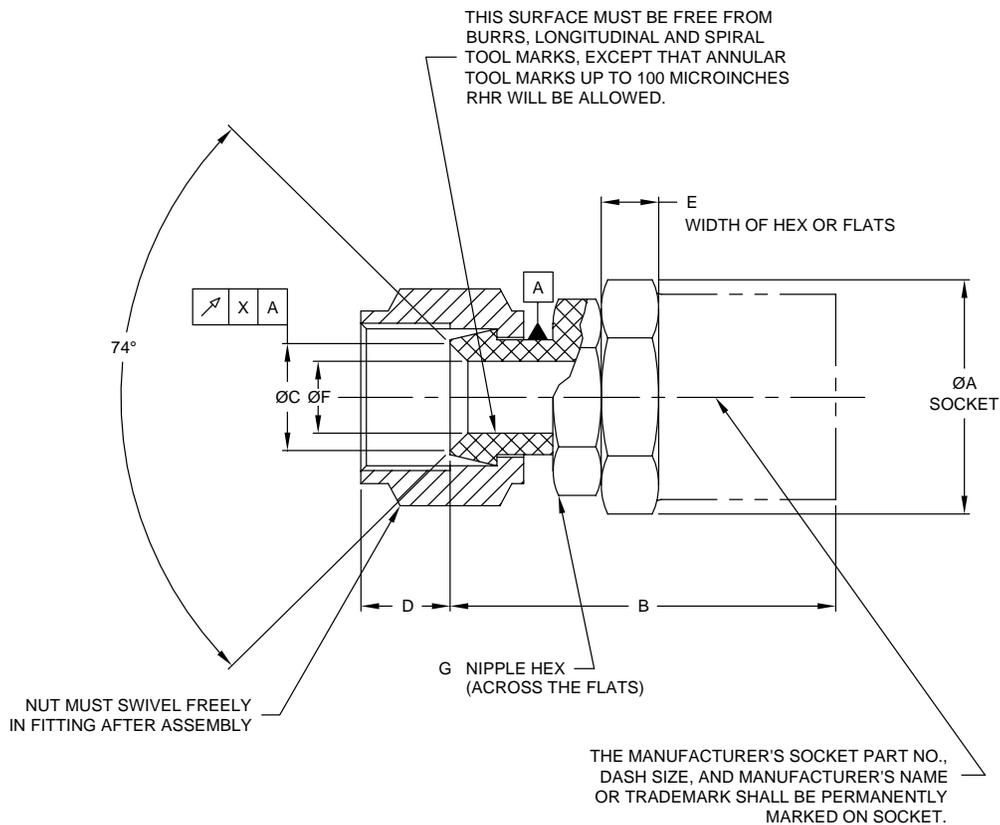


FIGURE 1. Fitting end, straight, flared tube.

MS28760E

TABLE I. Fitting end sizes and dimensions.

Size dash number	Hose ID ref (mm)	Tubing OD (mm)	Nut	A Max (mm)	B Max (mm)	C (mm)		D (mm)		E Min (mm)	F Min (mm)	G (mm)	X (mm)
4	0.219 (5.56)	0.250 (6.35)	AN818-4	0.875 (22.23)	2.100 (53.34)	0.295 (7.49)	±.010 (0.25)	0.375 (9.53)	±.015 (0.38)	0.188 (4.78)	0.146 (3.71)	0.563 (14.30)	0.005 (0.13)
5	0.281 (7.14)	0.313 (7.95)	AN818-5	0.937 (23.80)	2.240 (56.90)	0.355 (9.02)				0.250 (6.35)	0.177 (4.50)	0.625 (15.88)	
6	0.344 (8.74)	0.375 (9.53)	AN818-6	1.160 (29.46)	2.470 (62.74)	0.435 (11.05)				0.271 (6.88)	0.688 (17.48)		
8	0.438 (11.13)	0.500 (12.70)	AN818-8	1.375 (34.93)	2.730 (69.34)	0.573 (11.55)		0.438 (11.13)	0.312 (7.92)	0.455 (11.56)	1.000 (25.40)	0.010 (0.25)	
10	0.563 (14.30)	0.625 (15.88)	AN818-10	1.550 (39.37)	3.020 (76.71)	0.680 (17.27)		0.515 (13.08)	0.508 (12.90)	1.250 (31.75)			
12	0.688 (17.48)	0.750 (19.05)	AN818-12	1.740 (44.20)	3.230 (82.04)	0.850 (21.59)		0.562 (14.27)	0.375 (9.53)	0.778 (19.76)	1.500 (38.10)		
16	0.875 (22.23)	1.000 (25.40)	AN818-16	2.000 (50.80)	3.600 (91.44)	1.103 (28.02)		±.015 (0.38)	0.620 (15.75)				

NOTES:

1. All dimensions are in inches.
2. Unless otherwise specified, tolerances: ±.005.
3. Metric equivalents are given for general information only.
4. These fittings are for use with MIL-DTL-8788 hose.
5. This specification sheet takes precedence over documents referenced herein.
6. Referenced documents shall be of the issue listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation.

REQUIREMENTS

See table I for fitting end sizes and dimensions.

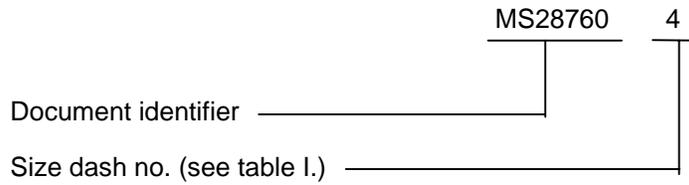
Material: Nipples and nuts shall be of steel and the socket shall be of aluminum as specified in MIL-DTL-8789.

Hex or flats shall fit standard wrench openings.

A non-standard swivel nut may be used provided the hex and thread dimensions are in accordance with AN818 and provided the nut cannot be removed from assembly.

The fitting identification shall be marked in accordance with MIL-DTL-8789.

Part or Identifying Number (PIN). The PIN is as follows:



Changes from previous issue: The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

Reference documents are the following:

MIL-DTL-8788
MIL-DTL-8789

CONCLUDING MATERIAL

Custodians:
Air Force – 99
Army – AT
Navy – AS
DLA – CC

Preparing activity:
DLA – CC

(Project 4730-2518-000)

Review activities:
Air Force – 71
Army – AV, MI
Navy – MC, SA

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://www.dodssp.daps.mil>.