

INCH-POUND

MS24587D  
 22 September 2000  
 SUPERSEDING  
 MS24587C  
 7 September 1999

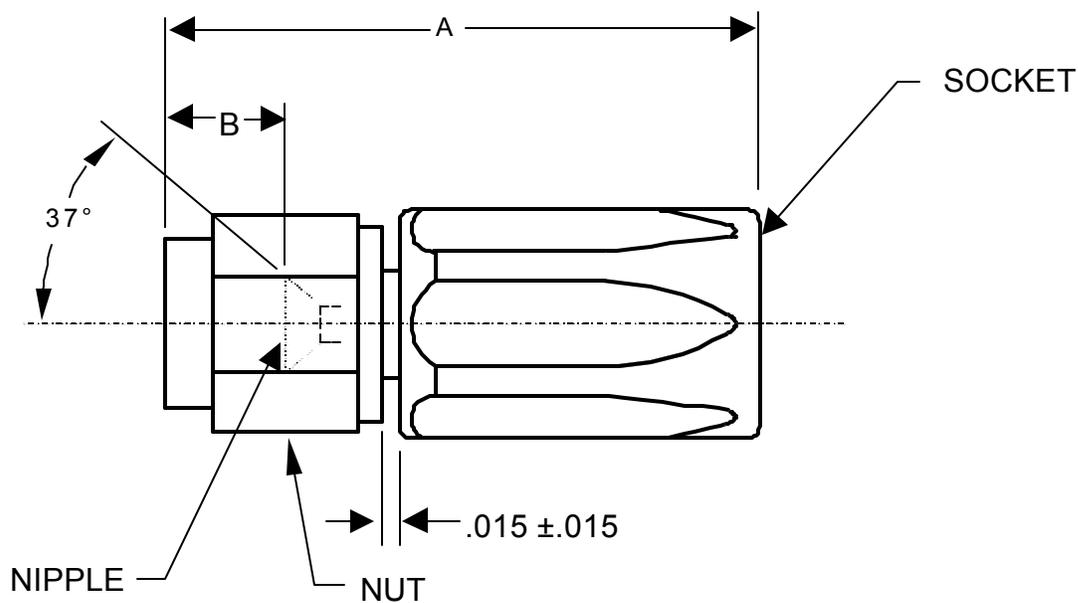
## DETAIL SPECIFICATION SHEET

ADAPTER, STRAIGHT, TUBE TO HOSE - REUSABLE,  
 HYDRAULIC, FUEL AND OIL LINES

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 MIL-DTL-5070E.

## REQUIREMENTS.



(NOTE: Nut must swivel freely after assembly)

FIGURE 1. Assembly illustration.

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TABLE I. Assembly requirements.

PIN:	Hose ID (ref)	Tubing OD (ref)	Nipple PIN	Socket PIN	Nut PIN	A (max)	B
MS24587			MS24588	MS24590	AS4841		
-3 <sup>1/</sup>	.125	.188	-3	-3	-3	1.68	.320±.016
-4	.188	.250	-4	-4	-4	1.80	.375±.030
-5	.250	.313	-5	-5	-5	1.96	
-6	.313	.375	-6	-6	-6	2.10	
-8	.406	.500	-8	-8	-8D	2.58	.438±.030
-10	.500	.625	-10	-10	-10D	2.85	.515±.030
-12	.625	.750	-12	-12	-12D	3.20	.562±.030
			MS24589	MS24591			
-16	.875	1.000	-16	-16	-16D	2.87	.620±.030
-20	1.125	1.250	-20	-20	-20D	3.05	
-24	1.375	1.500	-24	-24	-24D	3.34	.765±.030
-32	1.813	2.000	-32	-32	-32D	4.08	.937±.030

Notes.

1/ Size -3 shall not be used in hydraulic applications.

Intended use. This assembly is designed for use only with hose conforming to MIL-DTL-8794.

Dimensions and tolerances. Dimensions are in inches. Unless otherwise specified, tolerances are as follows: angles  $\pm 1^\circ$ ; decimals  $\pm .005$ .

Identification of product. The part or identifying number (PIN) and the manufacturer's Commercial and Government Entity (CAGE) Code or trademark shall be marked on a removable tag securely attached to the assembly. The PIN for this assembly shall be as shown in table I (e.g., MS24587-3).

Order of precedence. This specification sheet takes precedence over the documents referenced herein. Unless otherwise specified in the solicitation, referenced documents shall be of the issue in effect on the date of solicitation.

CHANGES FROM PREVIOUS ISSUE. Marginal notations are not used in this revision to identify changes with respect to the previous issue, due to the extent of the changes.

## CONCLUDING MATERIAL

## Custodians:

Army - AT  
Navy - AS  
Air Force - 99  
DLA - CC

## Preparing activity:

DLA - CC

(Project 4730-2121)

## Review activities:

Army - AV  
Navy - MC, SA  
Air Force - 11, 82