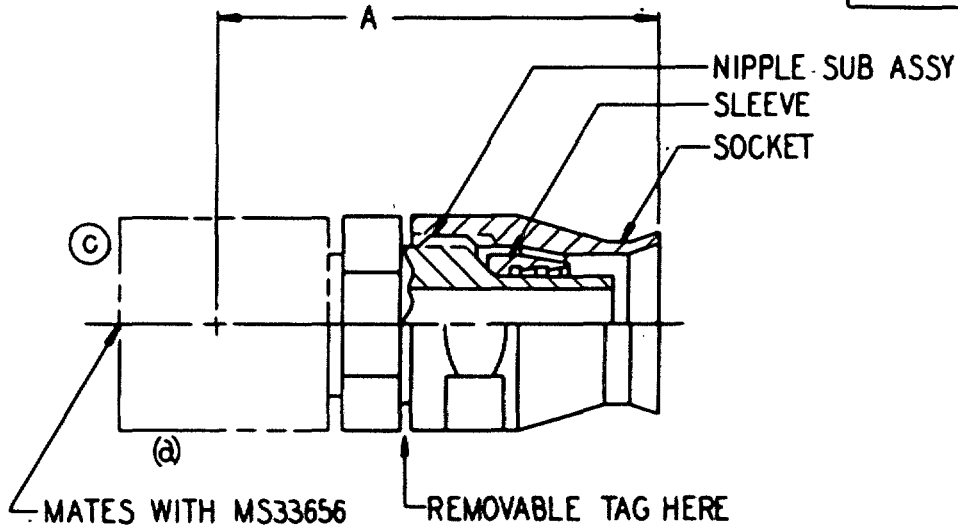


FED. SUP CLASS
4730



User Activities:
Army - WC, ME, MT

Review activities:
Army - AV
Navy - AS
Air Force - 82

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

MS PART NUMBER	NIPPLE SUB ASSEMBLY	SLEEVE	SOCKET	A MAX
(C) MS27053-3/4AC	MS27061-3/4AC	MS27070-4C	MS27069-4C	1.33
MS27053-4C	MS27061-4C			1.35
MS27053-5C	MS27061-5C	MS27070-5C	MS27069-5C	1.41
MS27053-6C	MS27061-6C	MS27070-6C	MS27069-6C	1.47
MS27053-8C	MS27061-8C	MS27070-8C	MS27069-8C	1.70
MS27053-8	MS27061-8			
MS27053-10C	MS27061-10C	MS27070-10C	MS27069-10C	1.86
MS27053-10	MS27061-10	MS27070-12C	MS27069-12C	1.98
MS27053-12C	MS27061-12C			
MS27053-12	MS27061-12	MS27070-16C	MS27069-16C	2.15
MS27053-16C	MS27061-16C			
MS27053-16	MS27061-16	MS27070-20C	MS27069-20C	2.52
MS27053-20C	MS27061-20C			
MS27053-20	MS27061-20	MS27070-24C	MS27069-24C	2.71
MS27053-24C	MS27061-24C			
MS27053-24	MS27061-24	MS27070-3C	MS27069-3C	1.15

(C) FOR CHANGES SEE SHEETS 1 & 2

P.A. Air Force - 11 Other Cust Army - AV Navy - AS Procurement Specification MIL-F-27272	TITLE ADAPTER ASSY, FLARED, STRAIGHT, TUBE TO HOSE - WITH SWIVEL NUT	MILITARY STANDARD
		MS27053
SUPERSEDES:	SHEET	1 OF 2

APPROVED 1 Sep 61 REVISED (A) 2 Jul 63 (B) 2 May 66 (C) 30 Jun 72

NOTE: The Government has a royalty free license under the following U.S. Patents for the benefit of Manufacturers of the item either for the Government or for use in equipment to be delivered to the Government. (U.S. Patent Nos. 2,733,567; 3,044,143; 3,055,082)

FED. SUP CLASS
4730

THE MS PART NUMBER AND MANUFACTURER'S PART NUMBER SHALL BE MARKED ON A REMOVABLE TAG SECURELY ATTACHED TO THE FITTING.

MATERIAL : SUFFIX "C": CORROSION RESISTING STEEL. NO SUFFIX : COMBINATION OF ALUMINUM ALLOY AND CORROSION RESISTING STEEL. SEE MS STANDARDS LISTED ON SHEET 1 FOR MATERIAL SPECIFICATIONS.

THESE PARTS ARE FOR USE WITH MIL-H-27267 HOSE.

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

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

- (a) IF REQUIRED, LOCKWIRE HOLES TO BE DRILLED IN ACCORDANCE WITH AS1043 AND SUFFIX "L" ADDED TO PART NUMBER. EXAMPLE : MS27053-8CL.
- (b) SWIVEL NUT AND CONE SEAT OF NIPPLE SHALL MATE WITH MS33656-3 FITTING. THE REMAINING PORTION OF THE ASSEMBLY SHALL MATE WITH MIL-H-27267-4 HOSE.
- (c) MS27053-3C INACTIVE FOR DESIGN AFTER 2 MAY 1966 . USE ONLY FOR REPLACEMENT OF IDENTICAL ITEMS IN EXISTING MILITARY EQUIPMENT.
- (c) USE MS27053-3/C FOR DESIGN.

(C) "A" IS THE DIMENSION BETWEEN THE HOSE END OF FITTING AND THE FREE END OF THE INSERT AT ITS CENTERLINE WHEN THE SOCKET IS ASSEMBLED ON THE NIPPLE .

User Activities: Army - WC, ME, MI

Review Activities: Army - AV
Navy - AS
Air Force - 82

This military standard is approved by the Department of Defense and is mandatory on all activities. Subsection for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 1 Sep 61 REVISED (C) FOR CHANGES SEE SHEETS 1 AND 2.

NOTE: The Government has a royalty free license under the following listed patents for the benefit of Manufacturers of the item either for the Government or for use in equipment to be delivered to the Government. (U.S. Patent Nos. 2,533,957; 3,044,163; 3,055,452)

P.A. Air Force - II Other Cls: (C) Navy - AS Army - AV	TITLE	MILITARY STANDARD
	ADAPTER ASSY, FLARED, STRAIGHT, TUBE TO HOSE - WITH SWIVEL NUT	MS27053
Procurement Specification MIL-F-27272	SUPERSEDES:	SHEET 2 OF 2