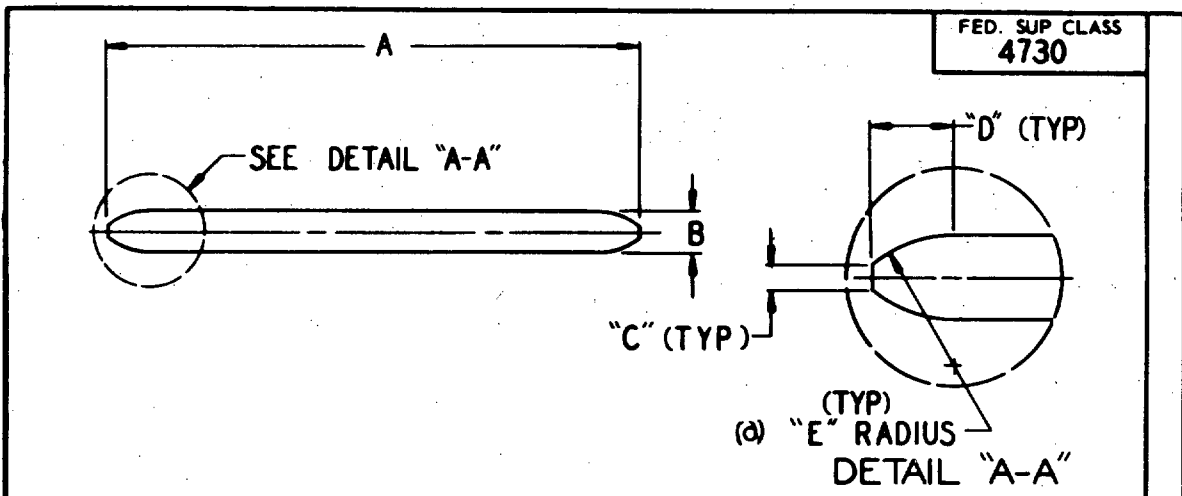


User Activities: Army - WC, ME, MI  
 Review Activities: Army - AV  
 Navy - AS  
 Air Force - 82

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



FED. SUP CLASS  
4730

MS PART NUMBER	A ±.015	B		C ±.010	D ±.005	E +.010 -.000
MS27072-4C	1.203	.072	+.000 -.005	.017	.065	.139
MS27072-5C	1.325	.080		.020	.073	.156
MS27072-6C	1.545	.095	+.000 -.004	.023	.087	.186
MS27072-8C	1.969					
MS27072-10C	2.250	.125	+.000 -.004	.031	.115	.248
MS27072-12C	2.625					
MS27072-16C	3.703					
MS27072-20C	4.500					
MS27072-24C	5.375	.072	+.000 -.005	.017	.065	.139
MS27072-3C	.845					

NEXT ASSEMBLY MS27065, MS27067, MS27388, MS27390

THIS IS A DESIGN STANDARD FOR MANUFACTURING PURPOSES. THE ITEM IS ONLY PROCURED AS AN INTEGRAL PART OF ADAPTER ASSY.

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

(C) DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED; RADIUS OR BREAK ALL CORNERS .005 +.005 -.000, REMOVE ALL BURRS AND SLIVERS, SURFACE ROUGHNESS PER ANSE B46.1 - 1962 NOT TO EXCEED 125 AA.

WIRE SHALL BE STRAIGHT WITHIN .020 TIR.

DRY-FILM LUBRICATE IN ACCORDANCE WITH MIL-L-6337.

PASSIVATE PER MIL-F-27272

MATERIAL: CORROSION RESISTING STEEL, CLASS 305 OR 304  
CONDITION "A", SPECIFICATION QQ-W-823

(a) RADIUS MUST BE CONCENTRIC TO WIRE OD WITHIN .005 TIR.

MS27072-3C IS INACTIVE FOR DESIGN AFTER 2 MAY 1966 USE ONLY IN ASSEMBLIES FOR REPLACEMENT OF IDENTICAL ITEMS IN EXISTING MILITARY EQUIPMENT.

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 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. 2,833,567; 3,044,163; 3,055,682)

P.A. Air Force - 11 Other Cust Army - AV Navy - AS (C)	TITLE	MILITARY STANDARD
	WIRE, RETAINER	MS27072
Procurement Specification MIL-F-27272	SUPERSEDES:	SHEET OF 1 OF 1