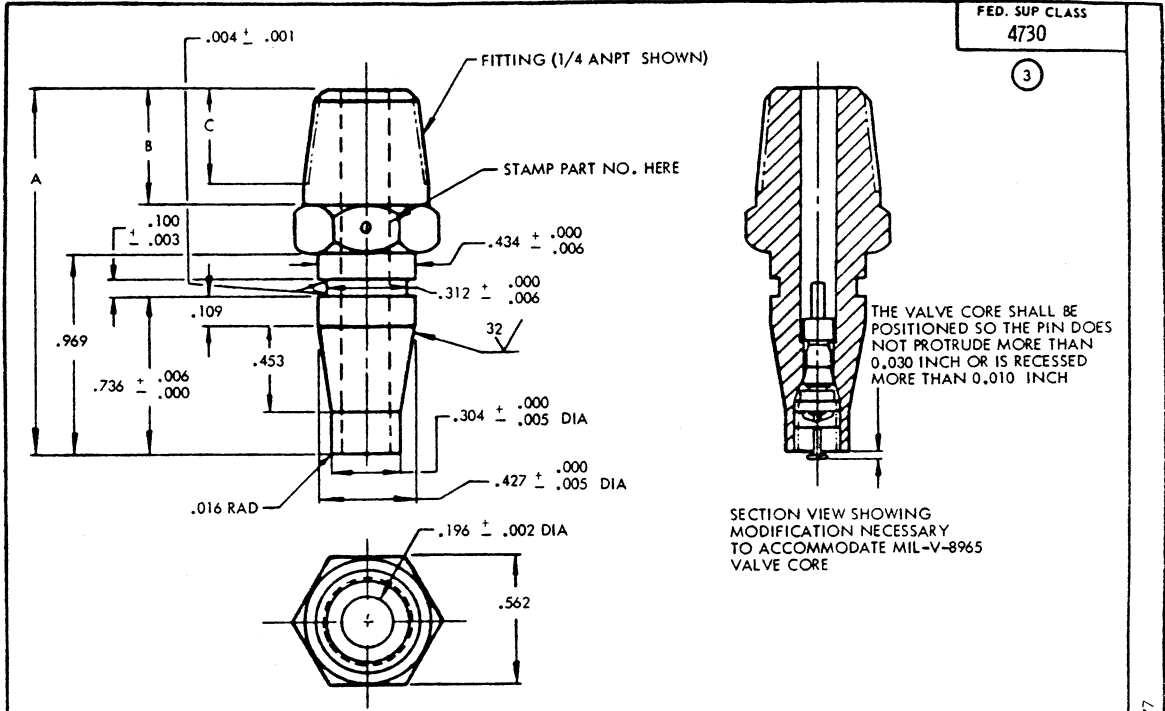


FED. SUP CLASS  
4730



AN PART NO.	FITTING	SIZE	A ± .005	B	C
AN6027 - 1	MS33677	1/4	1.743	.562	.438
AN6027 - 2	MS33656	4	1.731	.550	
AN6027 - 3	AN6027 - 1 WITH A MIL-V-8965 VALVE CORE				
AN6027 - 4	AN6027 - 2 WITH A MIL-V-8965 VALVE CORE				

③ MATERIAL: STEEL, S.A.E. 1213

③ HEAT TREAT: HEAT IN CYANIDE 1450 - 1500 ° F APPROXIMATELY 2 MINUTES, COOL IN AIR. REHEAT IN CYANIDE 1450 - 1500 ° F APPROXIMATELY 12 MINUTES. QUENCH IN WATER. TEMPER AT 450 ° F, MINIMUM TIME AT THIS TEMPERATURE 1/2 HOUR.

SURFACE ROUGHNESS IN ACCORDANCE WITH AMERICAN STANDARDS ASSOCIATION B46.1 - 1962. UNLESS OTHERWISE SPECIFIED, MAXIMUM ROUGHNESS SHALL BE 63/.

FINISH: ZINC COATING QO -Z - 325, TYPE III, CLASS 2.

THE COUPLING HALF SHALL BE CLEAN, DRY, AND FREE FROM OIL, GREASE, OR OTHER FOREIGN MATTER.

BREAK ALL SHARP EDGES TO PROVIDE MINIMUM RADIUS OF .010.

THE LEAKAGE THROUGH THE -3 AND - 4 COUPLING HALF FROM THE THREADED END SHALL NOT EXCEED 1 CUBIC CENTIMETER PER MINUTE AT A MINIMUM PRESSURE OF 5 PSIG.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES ± .010.

ENTIRE STANDARD REVISED, DETAILED DIMENSIONS ADDED.

THIS COUPLING HALF IS DESIGNED FOR USE WITH AN6024 FILLER VALVE.

NOTES: THE TAPER END OF THIS COUPLING HALF IS SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT (ASCC AIR STD 14/13). WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIANS WILL INFORM THEIR RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICE SO THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL AGREEMENT CONCERNED.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

Review Activities

This military standard has been approved by the Department of Defense and 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 1 DEC 42  
REVISED 1 27 DEC 43 ② 28 NOV 66 ③ 12 AUG 77

P. A. ARMY AV Other Cust	INTERNATIONAL INTEREST	TITLE ③ COUPLING HALF, QUICK DISCONNECT	AN6027
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1	