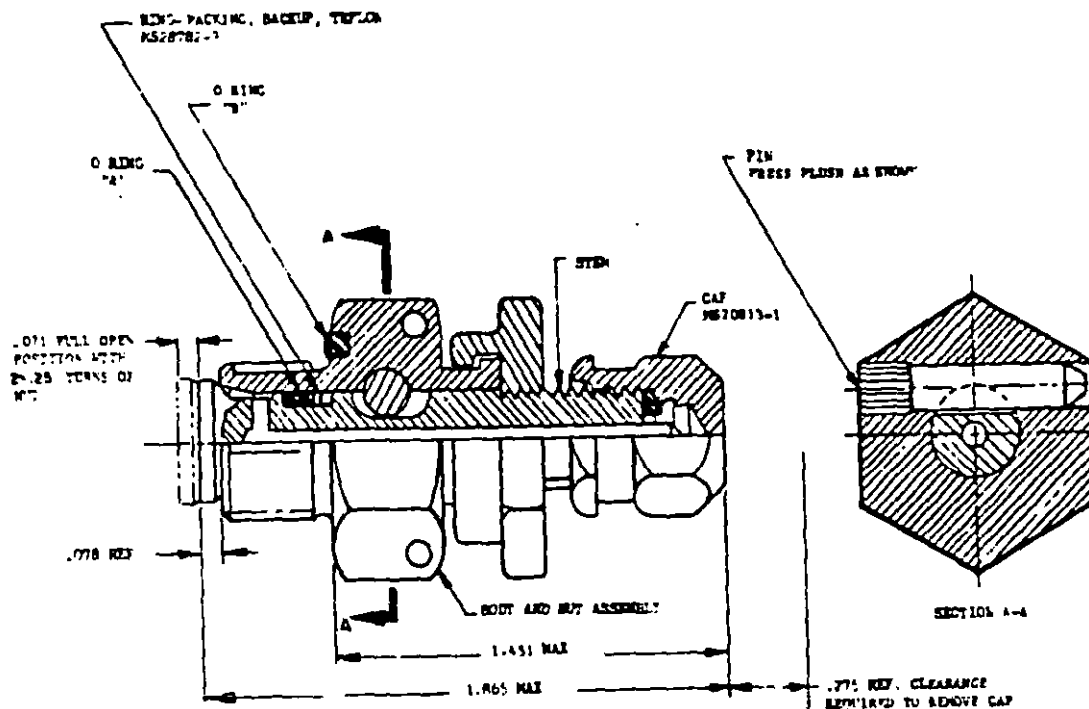


FED MIP CLASS
4820



MS PART NO	O-RING A	O-RING B
MS28889-1	MS28889-2	MS28889-3
MS28889-2	MS28775-008	MS28775-015

For New Design and Procurement use MS 28889-2

MS 28889-2 can replace MS 28889-1, but MS 28889-2 cannot be used in applications specifying MS 28889-1 except in instances where the environment for the application is below 160°F. Regulations for MS 28889-1 should continue to be filled with MS 28889-1 until the stock is exhausted and the MS 28889-2. Regulations for MS 28889-2 should be filled with only MS 28889-2.

MATERIAL: BODY, NUT AND PIN RETAINER: CORROSION RESISTANT STEEL, AMS 5640 and AMS 5641, CLASS 303 or 304.

PIN RETAINER: CORROSION RESISTANT STEEL, AMS 5643 and AMS 5640, CLASS 410 or 416.

HEAT TREAT: PIN RETAINER; 160,000 TENSILE STRENGTH (APPROXIMATELY), ROCKWELL C-36 to C-40.

PASSIVATE: PIN RETAINER: SOLUTION, 18 TO 22 PERCENT NITRIC ACID (WT), 1.80 TO 2.80 PERCENT SODIUM DICHROMATE AT 100° TO 120°F FOR 15 TO 30 MINUTES, WASH IN WATER.

REMOVE ALL BURRS AND SHARP EDGES.

FINISH: BODY, NUT, PIN RETAINER: ALL MACHINED SURFACES 125 RIR MAX, STANDARD AMSI B.6.1, UNLESS OTHERWISE SPECIFIED.

STEM: ALL SURFACE 125 RIR MAX, STANDARD AMSI B.6.1, UNLESS OTHERWISE SPECIFIED.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .001$, ANGLES $\pm .50^\circ$.

WATERTIGHT WORKING PRESSURE: 5,000 PSI.

ASSEMBLY SHALL BE PURCHASED WITH CAP, MS20813-1.

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

CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENTS ASSC AIR ST 25/354 25/36. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIANS WILL REPORT THE SAME TO THE RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICE SO THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL AGREEMENT CONCERNED.

RECLAIMED MATERIALS. THE USE OF RECLAIMED MATERIALS SHALL BE ENCOURAGED TO THE MAXIMUM EXTENT POSSIBLE.

P. A. USAF-71		INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD MS 28889
Other Cost ARMY-45 NAVY-45 USAF-99		ASSC STDS 25/35 25/36	VALVE, AIR, HIGH PRESSURE CHARGING, 8000 PSI	
PROCUREMENT SPECIFICATION MIL-A-6164		SUPERSEDES USAF DMS 548632 THROUGH 548637		SHEET 1 OF 1

DD FORM 672-1 (COORDINATED)

REPLACES FORM 672-1 OF THE FORMS 672-1-1

PROJECT NUMBER
1650-0419

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

AMSC N/A

This military standard is approved for use by all Departments and Agencies of the Department of Defense. It is the policy of the Department of Defense to encourage the use of this standard in all military and naval applications and for acquisition and shall be used from this date forward when applicable.

DEVELOPER ACTIVITIES
Army AL, MI, ME
Navy AL
Air Force-11

USER ACTIVITIES
Army-AF
Defense Construction Supply-CS

APPROVED 6 JUN 55 REVISED 27 MAY 77 24 JUNE 84 27 NOV 87

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Solicitation for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

REVIEWER ACTIVITIES

USER ACTIVITIES

		FED. SUP. CLASS 4820
NUT		
BODY		
BODY AND NUT		
P.A. USAF-71 Other Code ARMY AF NAVY AS USAF-99	TITLE VALVE, AIR, HIGH PRESSURE CHARGING, 5000 PSI	MILITARY STANDARD MS28889
PROCUREMENT SPECIFICATION MIL-V-E-C-	SUPERSEDES	SHEET 2 OF 3

APPROVED REVISED FOR CHANGE SEE PAGE 1

