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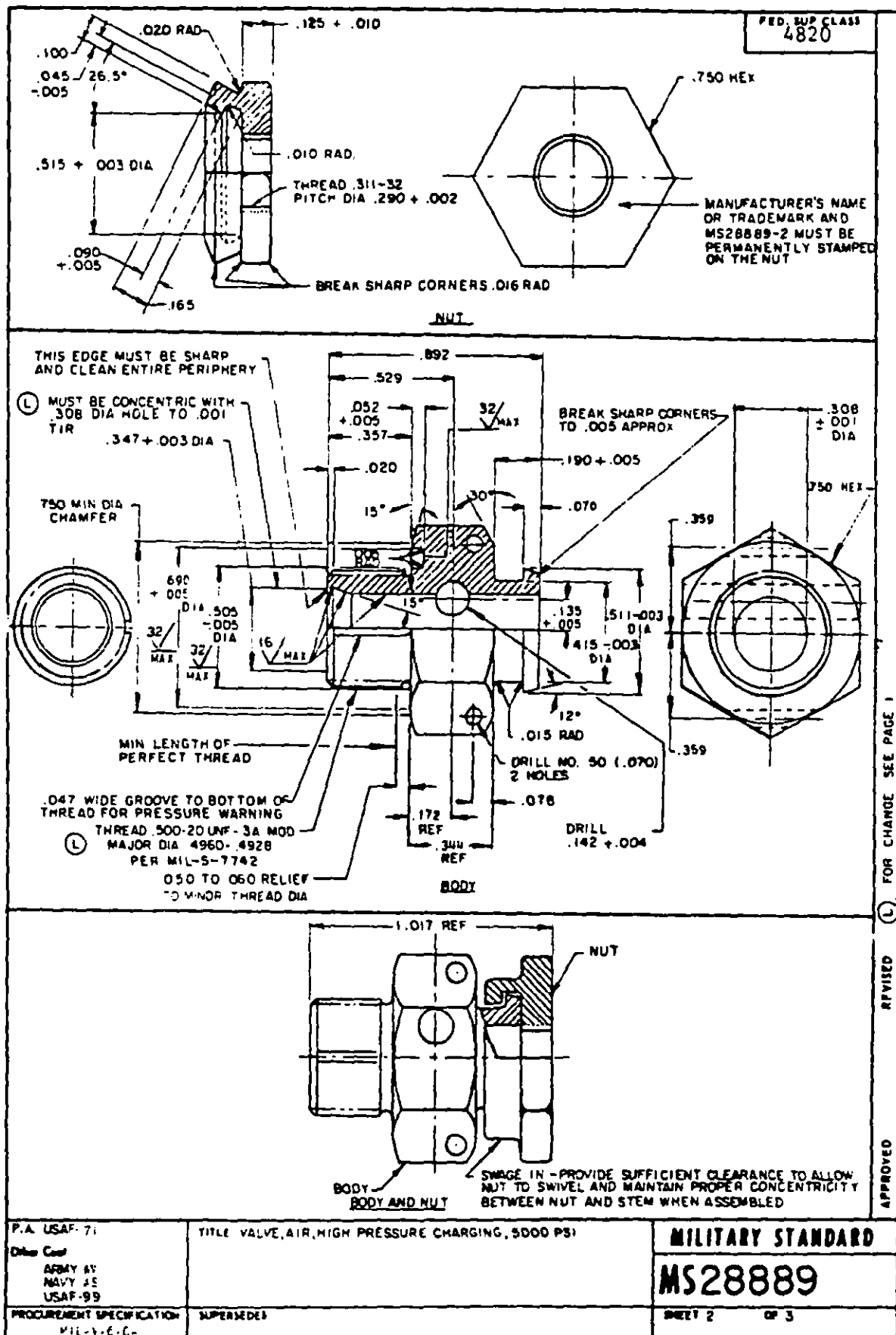
This military standard is approved for use by all Departments and Agencies of the Department of Defense. Applications and for quotation and shall be made from this document when applicable.

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

USER ACTIVITIES:
Army-AI
Defense Construction Supply-CS

FED MIP CLASS 4820										
<table border="1"> <thead> <tr> <th>MS PART NO</th> <th>O-RING A</th> <th>O-RING B</th> </tr> </thead> <tbody> <tr> <td>MS28889-1</td> <td>MS28889-1</td> <td>MS28889-1</td> </tr> <tr> <td>MS28889-2</td> <td>MS28889-2</td> <td>MS28889-2</td> </tr> </tbody> </table> <p>For New Design and Procurement use MS 28889-2</p>		MS PART NO	O-RING A	O-RING B	MS28889-1	MS28889-1	MS28889-1	MS28889-2	MS28889-2	MS28889-2
MS PART NO	O-RING A	O-RING B								
MS28889-1	MS28889-1	MS28889-1								
MS28889-2	MS28889-2	MS28889-2								
<p>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.</p> <p>MATERIAL: BODY, NUT AND CAP: CORROSION RESISTANT STEEL, AMS 5640 and AMS 5641, CLASS 303 or 304.</p> <p>PIN RETAINER: CORROSION RESISTANT STEEL, AMS 5643 and AMS 5640, CLASS 410 or 416.</p> <p>HEAT TREAT: PIN RETAINER; 160,000 TENSILE STRENGTH (APPROXIMATELY), ROCKWELL C-36 to C-40.</p> <p>FABRICATE: PIN RETAINER: SOLUTION, 18 TO 22 PERCENT NITRIC ACID (WT), 1.80 TO 2.80 PERCENT SODIUM DICHROMATE AT 100° TO 120°F FOR 12 TO 30 MINUTES, WASH IN WATER.</p> <p>REMOVE ALL BURRS AND SHARP EDGES.</p> <p>FINISH: BODY, NUT, PIN RETAINER: ALL MACHINED SURFACES 125 RUM MAX, STANDARD AMSI B.6.1, UNLESS OTHERWISE SPECIFIED.</p> <p>STEM: ALL SURFACE 125 RUM MAX, STANDARD AMSI B.6.1, UNLESS OTHERWISE SPECIFIED.</p> <p>DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± .001, ANGLES ± .50°.</p> <p>MAXIMUM WORKING PRESSURE: 5,000 PSI.</p> <p>ASSEMBLY SHALL BE PURNISHED WITH CAP, MS28813-1.</p> <p>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.</p> <p>CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENTS ASSC AIA S.T. 25/354 25/36. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIANS WILL DEFEND THESE RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICE SO THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL AGREEMENT CONCERNED.</p> <p>REPLACEMENT MATERIALS. THE USE OF RECLAIMED MATERIALS SHALL BE ENCOURAGED TO THE MAXIMUM EXTENT POSSIBLE.</p>										
<p>P.A. USAF-71</p> <p>Other Cost</p> <p>ARMY-45</p> <p>NAVY-45</p> <p>USAF-99</p>	<p>INTERNATIONAL INTEREST</p> <p>ASSC STDS 25/35 25/36</p>	<p>TITLE</p> <p>VALVE, AIR, HIGH PRESSURE CHARGING, 8000 PSI</p>	<p>MILITARY STANDARD</p> <p>MS 28889</p>							
<p>PROCUREMENT SPECIFICATION</p> <p>RTI-A-616</p>			<p>SUPERSEDES</p> <p>USAF DMS 548632 THROUGH 548637</p>							
<p>DD FORM 672-1 (COORDINATED)</p>			<p>PROJECT NUMBER</p> <p>1650-0419</p>							

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



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