

USER ACTIVITIES:

REVIEWER ACTIVITIES:

(B) AIR FORCE -82
DLA-1S

This military standard is approved 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 when applicable.

FED. SUP CLASS 5306																																																																																																																																																																											
<p>MARK PART NUMBER AND MANUFACTURERS IDENTIFICATION PER AS 478 CLASS A</p> <p>.877 .865</p> <p>.987 MIN</p> <p>.070 DIAMETER CSK 90° TO .100 DIA BOTH ENDS</p> <p>.312</p> <p>.232</p> <p>.016</p> <p>.030 R .020 R</p> <p>MAXIMUM 2 INCOMPLETE THREADS (SEE NOTE 4)</p> <p>CHAMFER .062 x 45° APPROX</p> <p>.562 DIA .558 DIA</p> <p>.5625-18 UNJF-3A MIL-S-8879</p> <p>THIS SURFACE MUST BE SQUARE WITH SHANK WITHIN .003 FIR.</p> <p>CHAMFER 30° TO .875 DIAMETER</p> <p>VIEW A ENLARGED</p> <p>.835 DIA MIN BEARING SURFACE</p> <p>.885 DIA MAX</p> <p>SECTION THRU THREAD PROFILE</p>																																																																																																																																																																											
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<ol style="list-style-type: none"> SHANK SHALL BE STRAIGHT WITHIN .002 TOTAL PER INCH OF BOLT LENGTH. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR. THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .026 FIR. INCOMPLETE THREADS NOT TO ENTER FILLET. MATERIAL: TITANIUM AMS 4967. HARDNESS: ROCKWELL C36-42. MANUFACTURING SPECIFICATION: AMS 7461, EXCEPT MATERIAL AS NOTED. FLUORESCENT PENETRANT INSPECTION PER AMS 2645. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES, EXCEPT UPSET HEAD. BREAK SHARP EDGES .003 - .015 UNLESS OTHERWISE SPECIFIED. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$. DO NOT USE UNASSIGNED PART NUMBERS. 																																																																																																																																																																											
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