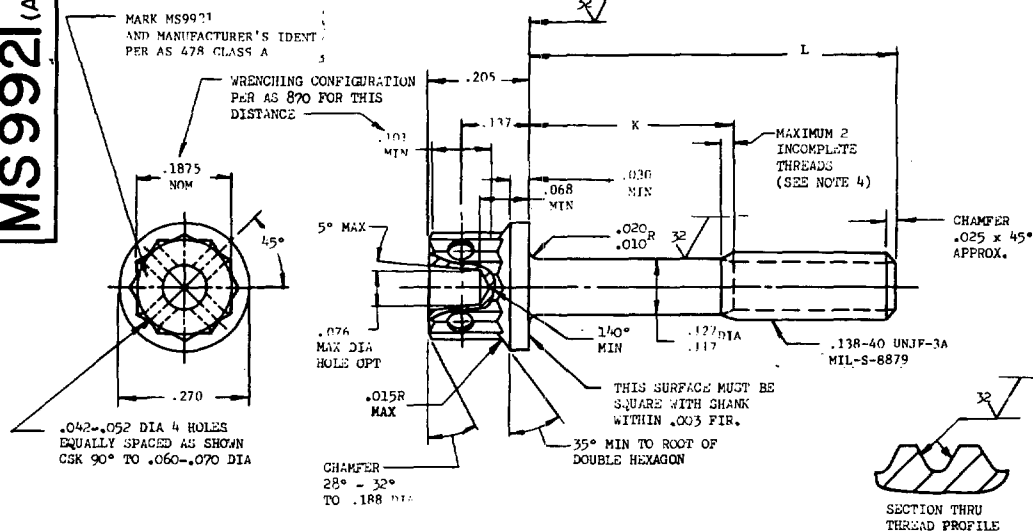


5305



| PART NO. | L | K | APPROX WEIGHT LB/100 | PART NO. | L | K | APPROX WEIGHT LB/100 |
|-----------|-------|-----------|----------------------------|-----------|-------|-------------|----------------------------|
| MS9921-02 | .250 | .058-.078 | .271 | MS9921-16 | 1.125 | .539-.599 | .561 |
| MS9921-03 | .312 | .058-.078 | .291 | MS9921-17 | 1.188 | .602-.662 | .581 |
| | | | | MS9921-18 | 1.250 | .664-.724 | .603 |
| MS9921-04 | .375 | .058-.078 | .313 | MS9921-19 | 1.312 | .726-.786 | .623 |
| MS9921-05 | .438 | .058-.078 | .336 | MS9921-20 | 1.375 | .789-.849 | .644 |
| MS9921-06 | .500 | .058-.078 | .355 | MS9921-21 | 1.438 | .852-.912 | .665 |
| MS9921-07 | .562 | .058-.078 | .375 | MS9921-22 | 1.500 | .914-.974 | .685 |
| MS9921-08 | .625 | .058-.078 | .396 | MS9921-23 | 1.562 | .976-1.036 | .705 |
| MS9921-09 | .688 | .107-.167 | .417 | MS9921-24 | 1.625 | 1.039-1.099 | .726 |
| MS9921-10 | .750 | .167-.227 | .437 | MS9921-25 | 1.688 | 1.102-1.162 | .746 |
| MS9921-11 | .812 | .227-.286 | .458 | MS9921-26 | 1.750 | 1.164-1.224 | .767 |
| MS9921-12 | .875 | .289-.349 | .478 | MS9921-27 | 1.812 | 1.226-1.286 | .787 |
| MS9921-13 | .938 | .352-.412 | .499 | MS9921-28 | 1.875 | 1.289-1.349 | .808 |
| MS9921-14 | 1.000 | .414-.474 | .520 | MS9921-29 | 1.938 | 1.352-1.412 | .828 |
| MS9921-15 | 1.062 | .476-.536 | .540 | MS9921-30 | 2.000 | 1.414-1.474 | .849 |

1. SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF SCREW LENGTH.
2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
3. THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .006 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL: STEEL AMS 6322.
6. HARDNESS: ROCKWELL C26-32.
7. FINISH: CADMIUM PLATE AMS 7400. DIMENSIONS SPECIFIED ARE AFTER PLATING.
8. MANUFACTURING SPECIFICATION: AMS 7452 EXCEPT HEAD SHALL BE UPSET.
9. HEAD TO SHANK FILLET SHALL BE COLD WORKED.
10. MAGNETIC PARTICLE INSPECTION PER AMS 2640 AFTER PLATING.
11. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
12. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
13. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED. TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$
14. DO NOT USE UNASSIGNED PART NUMBERS.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION

| | | | |
|---|--|--------------------------|-------------|
| P.A. USAF - 11 Other Cust Navy - AS | TITLE SOREN, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK. STEEL AMS 6422. CADMIUM PLATED .118-40 UNF-1A | MILITARY STANDARD | |
| | | MS9921 (ASG) | |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | SHEET 1 | OF 1 |

This military standard is approved by the Department of the Air Force and the Bureau of Naval Weapons and is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.

Review activities:
USAF - 82, 85

| | | |
|----------|-----------|---------|
| APPROVED | 15 AUG 69 | REVISED |
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