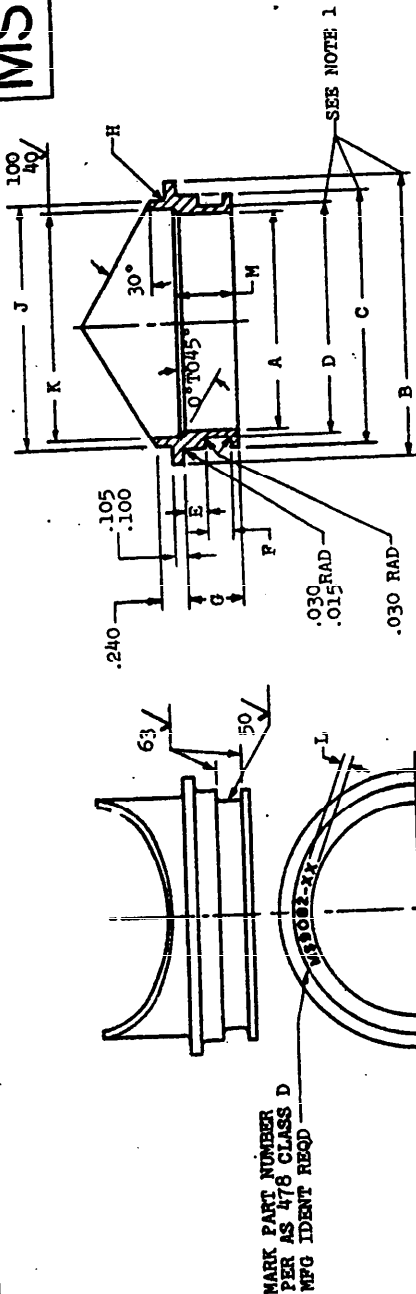


This standard has been approved by the Bufilep (Department of the Navy) and the Department of the USAF and is mandatory for use by all military activities are required to employ this standard where suitable.

NOTICE—When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

MS9082(ASG)



(B)

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS

THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

P.A. USAF - AFSC
Other Cust
Navy - Nop

TITLE
SLEEVE, SWIVEL-PILOTTED O-RING,
TUBE CONNECTION, BRAZING, AMS 5645

PROCUREMENT SPECIFICATION
NONE

SUPERSEDES:

MILITARY STANDARD

MS9082 (ASG)

SHEET 1 OF 1

| (B) PART NUMBER | TUBE OD NOMINAL | A DIA +.005 | B DIA +.005 | C DIA +.000 | D DIA +.002 | E +.005 | F +.010 | G +.010 | H RAD | J DIA +.010 | K DIA | L | M +.010 | APPROX WEIGHT LBS/EA |
|-----------------|-----------------|-------------|-------------|-------------|-------------|---------|---------|---------|-----------|-------------|-------------|-----------|---------|----------------------|
| MS9082-04 | .250 | .180 | .598 | .351 | .244 | .115 | .114 | .292 | .015-.030 | .325 | .240-.242 | .030-.050 | .292 | .01 |
| MS9082-05 | .312 | .242 | .660 | .413 | .306 | .115 | .114 | .292 | .015-.030 | .387 | .302-.304 | .030-.050 | .292 | .02 |
| MS9082-06 | .375 | .305 | .723 | .476 | .369 | .115 | .114 | .292 | .015-.030 | .450 | .365-.367 | .030-.050 | .292 | .02 |
| MS9082-08 | .500 | .430 | .848 | .601 | .494 | .115 | .114 | .292 | .015-.030 | .575 | .489-.491 | .030-.050 | .292 | .03 |
| MS9082-10 | .625 | .555 | .973 | .726 | .619 | .115 | .114 | .292 | .015-.030 | .700 | .614-.616 | .030-.050 | .292 | .03 |
| MS9082-12 | .750 | .680 | 1.168 | .910 | .760 | .139 | .155 | .359 | .015-.030 | .875 | .739-.741 | .040-.080 | .359 | .05 |
| MS9082-14 | .875 | .777 | 1.359 | 1.081 | .865 | .182 | .223 | .478 | .030-.050 | 1.000 | .864-.866 | .060-.110 | .478 | .08 |
| MS9082-16 | 1.000 | .902 | 1.484 | 1.206 | .990 | .182 | .223 | .478 | .030-.050 | 1.125 | .989-.991 | .060-.110 | .478 | .08 |
| MS9082-18 | 1.125 | 1.027 | 1.609 | 1.331 | 1.115 | .182 | .223 | .478 | .030-.050 | 1.250 | 1.114-1.116 | .060-.110 | .478 | .11 |
| MS9082-20 | 1.250 | 1.152 | 1.734 | 1.456 | 1.240 | .182 | .223 | .478 | .030-.050 | 1.375 | 1.239-1.241 | .060-.110 | .478 | .11 |
| MS9082-24 | 1.500 | 1.402 | 1.984 | 1.706 | 1.490 | .182 | .223 | .478 | .030-.050 | 1.625 | 1.484-1.486 | .060-.110 | .478 | .14 |
| MS9082-28 | 1.750 | 1.652 | 2.238 | 1.960 | 1.744 | .182 | .223 | .478 | .030-.050 | 1.875 | 1.734-1.736 | .060-.110 | .478 | .16 |
| MS9082-32 | 2.000 | 1.902 | 2.488 | 2.210 | 1.994 | .182 | .223 | .478 | .030-.050 | 2.125 | 1.984-1.986 | .060-.110 | .478 | .19 |
| MS9082-40 | 2.500 | 2.402 | 2.988 | 2.710 | 2.494 | .182 | .223 | .478 | .030-.050 | 2.625 | 2.484-2.486 | .060-.110 | .478 | .24 |
| MS9082-48 | 3.000 | 2.884 | 3.493 | 3.215 | 2.999 | .182 | .223 | .478 | .030-.050 | 3.156 | 2.984-2.986 | .060-.110 | .478 | .34 |
| MS9082-56 | 3.500 | 3.384 | 3.993 | 3.715 | 3.499 | .182 | .223 | .478 | .030-.050 | 3.656 | 3.479-3.481 | .060-.110 | .478 | .45 |
| MS9082-64 | 4.000 | 3.864 | 4.493 | 4.215 | 3.999 | .182 | .223 | .478 | .030-.050 | 4.156 | 3.979-3.981 | .060-.110 | .478 | .52 |

1. DIA D SHALL BE CONCENTRIC WITH DIA C WITHIN .0025 FIR AND DIA B SHALL BE CONCENTRIC WITH DIA C WITHIN .005 FIR

2. MATERIAL: CORROSION RESISTANT STEEL AMS 5645.

3. SURFACE FINISH: AS 291. UNLESS OTHERWISE SPECIFIED; SURFACES TO BE 125 MICROINCHES.

4. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED

5. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES; LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$

6. DO NOT USE UNASSIGNED PART NUMBERS.

7. MS9082-4, -5, -6, AND -8 WERE RENUMBERED TO MS9082-04, -05, -06, AND -08.

(B)

APPROVED 7 Mar. 58 REVISED (A) 31 Jul 61 (B) 6 Mar 63

FED. SUP CLASS
4730