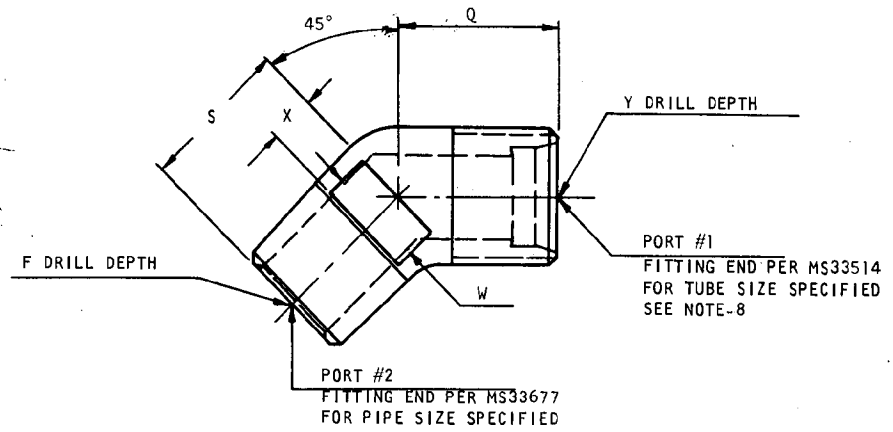
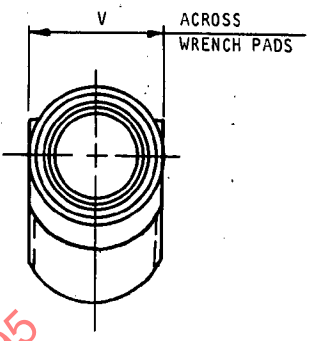
Society of Automotive Engineers, Inc.
400 COMMONWEALTH DRIVE, WARRENDALE, PA. 15096

AERONAUTICAL STANDARD AS 895

ELBOW, 45°, FLARELESS TUBE TO MALE PIPE

Issued 1-15-76
Revised





NOTES:

1. MATERIAL, FINISH AND MANUFACTURE SHALL BE IN ACCORDANCE WITH MIL-F-1B280B, MARCH 7, 1963 OR LATER ISSUE AUTHORIZED BY PURCHASER.

2. MATERIAL CODE: IN PLACE OF DASH IN PART NUMBER, ADD MATERIAL CODE AS FOLLOWS:

   NO LETTER INDICATES STEEL (USE DASH "-")
   LETTER "D" INDICATES ALUMINUM ALLOY
   LETTER "J" INDICATES CORROSION RESISTANT STEEL, CLASS 304
   LETTER "K" INDICATES CORROSION RESISTANT STEEL, CLASS 316
   LETTER "S" INDICATES CORROSION RESISTANT STEEL, CLASS 347

3. SPECIFY END SIZES IN THIS ORDER: FLARELESS TUBE END FIRST (PORT #1), PIPE END SECOND (PORT #2)

4. USE FORGING SIZE AS DETERMINED FROM TABLE I.

5. EXAMPLE OF PART NUMBER: ASB95K0402

   BASIC PART NUMBER
   CLASS 316 CRES
   FLARELESS TUBE END (PORT #1) PER MS33514G4
   LEG LENGTH PER DIMENSION Q, .711
   DRILL DEPTH PER DIMENSION Y, .703
   PIPE END (PORT #2) PER MS33677, 1/8" PIPE SIZE
   LEG LENGTH PER DIMENSION S, .625
   DRILL DEPTH PER DIMENSION F, .625

6. TOLERANCE ON 45° ANGLE: ± 2 1/2° FOR DASH 6 AND SMALLER, ± 1 1/2° FOR DASH 8 AND LARGER.

7. REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.

8. FITTING END PER MS33514 SHALL CONFORM TO STYLE G WHEN NORMAL THREAD SIZE EQUALS NORMAL FORGING SIZE. USE STYLE E WHEN THREAD SIZE IS SMALLER THAN FORGING SIZE, EXCEPT OMIT HEX.

9. AT OPTION OF MANUFACTURER, THE FLUID PASSAGE MAY CONFORM TO THE SMALLER DIAMETER HOLE ON BOTH ENDS.

10. ALL MACHINED SURFACES SHALL BE SMOOTH TO 125 MICROINCHES AA MAX PER ANSI B46.1.

11. FOR USE ON OXYGEN SYSTEMS AND GROUND SERVICE EQUIPMENT ONLY.

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