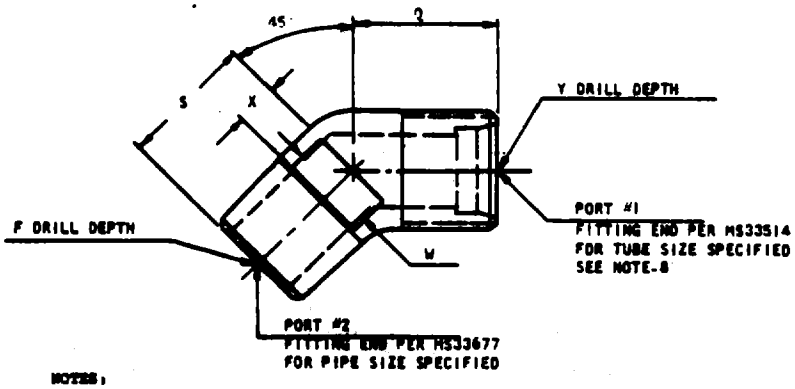
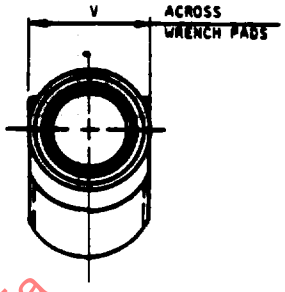
FEDERAL SUPPLY CLASS
4730




NOTES:

Δ1. PARTS SHALL CONFORM WITH APPLICABLE REQUIREMENTS OF MIL-F-18280, LATEST REVISION, UNLESS OTHERWISE SPECIFIED BY PROCURING ACTIVITY.

Δ2. MATERIAL CODE: IN PLACE OF DASH IN PART NUMBER, ADD MATERIAL CODE AS FOLLOWS:

NO LETTER INDICATES STEEL (USE DASH "-")
LETTER "D" INDICATES TYPE 2014-T6 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
LETTER "W" INDICATES TYPE 7075-T73 ALUMINUM ALLOY

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 1.

5. EXAMPLE OF PART NUMBER:

AS895K0402

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 NOMINAL THREAD SIZE EQUALS NOMINAL 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.

Δ10. ALL MACHINED SURFACES SHALL BE SMOOTH TO 125 MICROINCHES Ra MAX PER ANSI B46.1.

Δ11. PARTS FOR OXYGEN SERVICE SHALL BE FURNISHED CLEANED, PACKAGED, AND LABELED PER AIR 1176 (OR OTHER CUSTOMER SPECIFIED DOCUMENT) WHEN SPECIFIED BY PROCURING ACTIVITY.

Δ12. IDENTIFY PER MIL-F-18280 EXCEPT SUBSTITUTE AS OR AS895 MARKING IN PLACE OF MS OR MSXXXXX AS APPLICABLE.

Δ13. FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

1983 CHANGE DESIGNATED BY Δ

REAFFIRMED APRIL 1993
ISSUED 1-15-76 REVISED 12-1-83

PREPARED BY SAE SUBCOMMITTEE G-3B, AEROSPACE FITTINGS, OF SAE COMMITTEE G-3, AEROSPACE FITTINGS, HOSE, & TUBING ASSEMBLIES

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AEROSPACE STANDARD

# ELBOW, 45°, FLARELESS TUBE TO MALE PIPE

AS 895 Rev. A

SHEET 1 OF 2



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AN AMERICAN NATIONAL STANDARD