

FEDERAL SUPPLY CLASS
4730

RATIONALE

FIGURE 1 REDRAWN TO REFLECT OPTIONAL SAFETY WIRE HOLES. "INACTIVE IN PART" STATUS REPLACED BY "NOT RECOMMENDED IN PART." TABLE 1 REDRAWN AND PRESENTED VERTICALLY. OPTIONAL MATERIALS ADDED TO NOTE 1. NOTE 2 REVISED. QML STATEMENT REVISED. INTENDED USE NOTE REVISED, NOTE 9 REVISED TO REFLECT CURRENT SPECIFICATION CALLOUT. NOTE 16 DELETED. REVISION INDICATOR NOTE REVISED. NOTE 17 REVISED TO REFLECT ACTUAL APPLICABLE DATE. NOTES 18, 19, 20 ADDED. GENERAL NON-TECHNICAL UPDATES INCORPORATED.

REV. D
AS5173™

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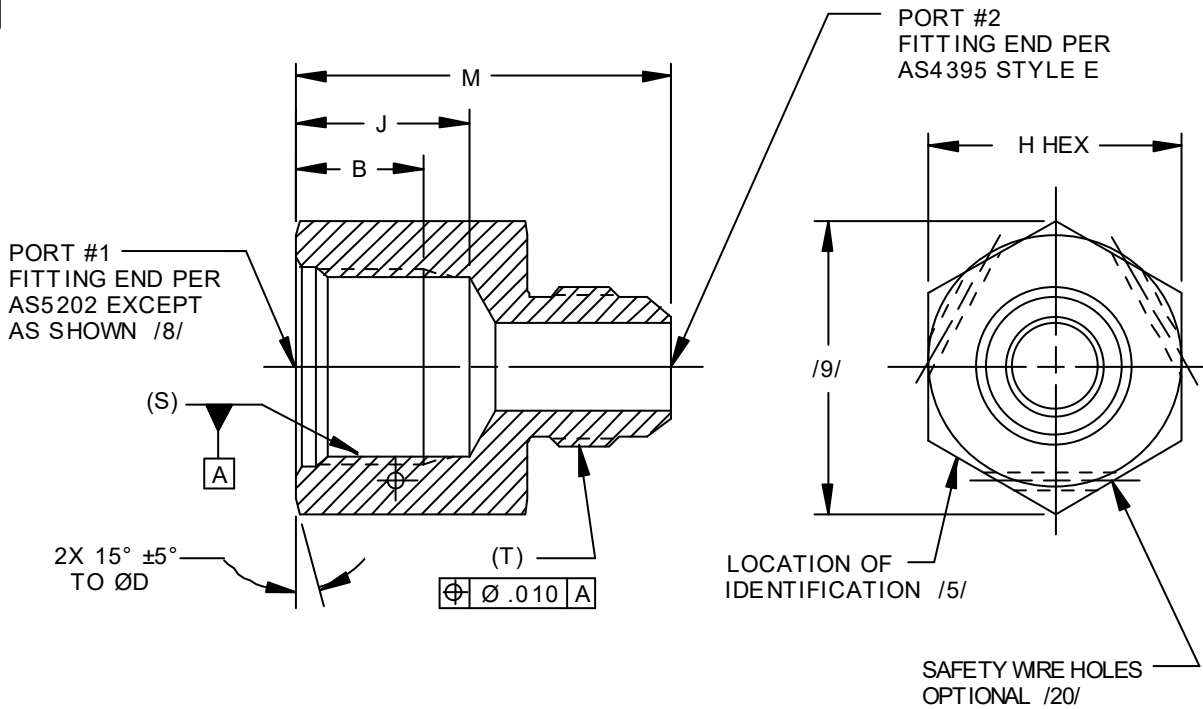
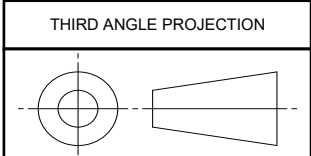


FIGURE 1 - FITTING

NOT RECOMMENDED IN PART /17/

For more information on this standard, visit <https://www.sae.org/standards/content/AS5173D/>



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4875/1 /4/



AEROSPACE STANDARD

(R) FITTING, BUSHING, PORT, REDUCER

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REV. D

ISSUED 2000-01 REAFFIRMED 2015-04 REVISED 2021-06

TABLE 1A - DIMENSIONS B-D

| BASIC NO. AS5173 /15/ SIZE CODE | NOMINAL TUBE SIZE PORT #1 | NOMINAL TUBE SIZE PORT #2 | S THREAD PER AS8879 CLASS 3B | T THREAD PER AS8879 CLASS 3A | B MIN | D ±.010 |
|--|------------------------------------|------------------------------------|---------------------------------------|---------------------------------------|----------|------------|
| 0302 | .188 | .125 | .3750-24 UNJF | .3125-24 UNJF | .538 | .605 |
| 0402 | .250 | .125 | .4375-20 UNJF | .3125-24 UNJF | .568 | .668 |
| 0403 | .250 | .188 | .4375-20 UNJF | .3750-24 UNJF | .568 | .668 |
| 0504 | .312 | .250 | .5000-20 UNJF | .4375-20 UNJF | .568 | .730 |
| 0604 | .375 | .250 | .5625-18 UNJF | .4375-20 UNJF | .470 | .793 |
| 0605 | .375 | .313 | .5625-18 UNJF | .5000-20 UNJF | .470 | .793 |
| 0804 | .500 | .250 | .7500-16 UNJF | .4375-20 UNJF | .562 | .980 |
| 0805 | .500 | .313 | .7500-16 UNJF | .5000-20 UNJF | .562 | .980 |
| 0806 | .500 | .375 | .7500-16 UNJF | .5625-18 UNJF | .562 | .980 |
| 1004 | .625 | .250 | .8750-14 UNJF | .4375-20 UNJF | .625 | 1.103 |
| 1005 | .625 | .313 | .8750-14 UNJF | .5000-20 UNJF | .625 | 1.103 |
| 1006 | .625 | .375 | .8750-14 UNJF | .5625-18 UNJF | .625 | 1.103 |
| 1008 | .625 | .500 | .8750-14 UNJF | .7500-16 UNJF | .625 | 1.103 |
| 1206 | .750 | .375 | 1.0625-12 UNJ | .5625-18 UNJF | .688 | 1.353 |
| 1208 | .750 | .500 | 1.0625-12 UNJ | .7500-16 UNJF | .688 | 1.353 |
| 1210 | .750 | .625 | 1.0625-12 UNJ | .8750-14 UNJF | .688 | 1.353 |
| 1606 | 1.000 | .375 | 1.3125-12 UNJ | .5625-18 UNJF | .688 | 1.603 |
| 1608 | 1.000 | .500 | 1.3125-12 UNJ | .7500-16 UNJF | .688 | 1.603 |
| 1610 | 1.000 | .625 | 1.3125-12 UNJ | .8750-14 UNJF | .688 | 1.603 |
| 1612 | 1.000 | .750 | 1.3125-12 UNJ | 1.0625-12 UNJ | .688 | 1.603 |
| 2008 | 1.250 | .500 | 1.0625-12 UNJ | .7500-16 UNJF | .688 | 1.863 |
| 2010 | 1.250 | .625 | 1.0625-12 UNJ | .8750-14 UNJF | .688 | 1.863 |
| 2012 | 1.250 | .750 | 1.0625-12 UNJ | 1.0625-16 UNJ | .688 | 1.863 |
| 2016 | 1.250 | 1.000 | 1.0625-12 UNJ | 1.3125-12 UNJ | .688 | 1.863 |

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