

**REV.
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AS21915

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ISSUED 1998-03 REVISED 2001-03

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280

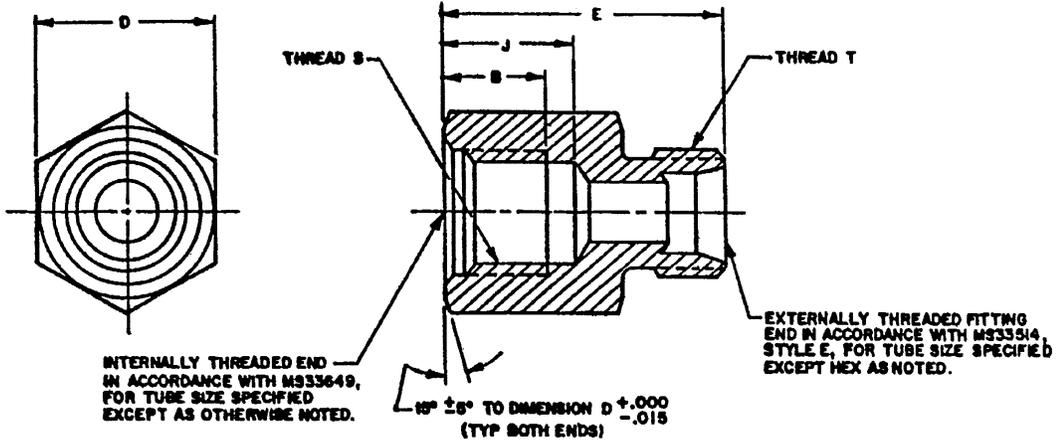


AEROSPACE STANDARD

ADAPTER, STRAIGHT, TUBE TO BOSS

AS21915
SHEET 1 OF 3

**REV.
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| (a) DASH NO. | INTERNALLY THREADED END | | EXTERNALLY THREADED END | | B FULL THREAD MIN | J +.032 -.000 | OVERALL | | WT STEEL | LB ALUM ALLOY | MAX TI ALLOY |
|--------------------|-------------------------|------------------------------|-------------------------|------------------------------|----------------------------|---------------------|---------|-------|-------------|---------------------|--------------------|
| | TUBE OD | THREAD S (REF) MIL-S-8879 | TUBE OD | THREAD T (REF) MIL-S-8879 | | | D | E | | | |
| -3-2 | 3/16 | .3750-24 UNJF-3B | 1/8 | .3125-24 UNJF-3A | .406 | 500 | .625 | 1.125 | .070 | .025 | .040 |
| -4-2 | 1/4 | .4375-20 UNJF-3B | 3/16 | .3750-24 UNJF-3A | .438 | 594 | .688 | 1.234 | .078 | .027 | .045 |
| -4-3 | | | | | | | | 1.250 | .079 | .028 | .045 |
| -5-4 | 5/16 | .5000-20 UNJF-3B | 1/4 | .4375-20 UNJF-3A | .469 | 594 | .750 | 1.261 | .086 | .032 | .049 |
| -6-4 | 3/8 | .5625-18 UNJF-3B | 5/16 | .5000-20 UNJF-3A | | | | 1.313 | .104 | .037 | .060 |
| -6-5 | | | | | 1.281 | .110 | .038 | .063 | | | |
| -8-4 | 1/2 | .7500-16 UNJF-3B | 5/16 | .5000-20 UNJF-3A | .562 | 718 | 1.000 | 1.484 | .120 | .059 | .069 |
| -8-5 | | | | | | | | 1.453 | .125 | .060 | .072 |
| -8-6 | 5/8 | .8750-14 UNJF-3B | 3/8 | .5625-18 UNJF-3A | .625 | 781 | 1.125 | 1.469 | .130 | .061 | .075 |
| -10-4 | | | | | | | | 1.578 | .175 | .069 | .100 |
| -10-5 | 3/4 | 1.0625-12 UNJ-3B | 1/2 | .7500-16 UNJF-3A | .906 | 938 | 1.375 | 1.563 | .206 | .073 | .118 |
| -10-6 | | | | | | | | 1.656 | .230 | .080 | .132 |
| -10-8 | 1 | 1.3125-12 UNJ-3B | 5/8 | .8750-14 UNJF-3A | .688 | 938 | 1.625 | 1.734 | .360 | .127 | .207 |
| -12-6 | | | | | | | | 1.828 | .370 | .133 | .213 |
| -12-8 | 1-1/4 | 1.6250-12 UNJ-3B | 3/4 | 1.0625-12 UNJ-3A | 1 | 984 | 1.875 | 1.891 | .380 | .138 | .219 |
| -12-10 | | | | | | | | 1.844 | .515 | .188 | .297 |
| -16-6 | 1-1/2 | 1.8750-14 UNJF-3A | 7/8 | .8750-14 UNJF-3A | 1 | 984 | 1.875 | 1.938 | .496 | .182 | .286 |
| -16-8 | | | | | | | | 1.984 | .510 | .188 | .294 |
| -16-10 | 2 | 2.0625-12 UNJ-3A | 1 | 1.3125-12 UNJ-3A | 1 | 984 | 1.875 | 2.031 | .550 | .195 | .317 |
| -20-8 | | | | | | | | 2.078 | .655 | .240 | .377 |
| -20-10 | 2-1/2 | 2.1250-14 UNJF-3A | 1-1/2 | 1.7500-16 UNJF-3A | 1 | 984 | 1.875 | 2.125 | .655 | .240 | .377 |
| -20-12 | | | | | | | | 2.156 | .665 | .232 | .383 |
| -20-16 | 2 | 2.078 | 1 | 1.3125-12 UNJ-3A | 1 | 984 | 1.875 | 2.078 | .625 | .224 | .360 |

(a) THE DASH NUMBERS IN THE PART NUMBER ARE CODED FOR THE TWO EQUIVALENT TUBE SIZES, EXPRESSED IN SIXTEENTHS. FOR EXAMPLE: MS21915-4-3 REFERS TO A CARBON STEEL FITTING WITH AN INTERNALLY THREADED END FOR 1/4 OD TUBE AND AN EXTERNALLY THREADED END FOR 3/16 OD TUBE.