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**INTERNATIONAL**  
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**AEROSPACE STANDARD**

TEE, BULKHEAD, FLARELESS TUBE,  
INTERNAL THREAD ON RUN

**AS21911**  
SHEET 1 OF 3

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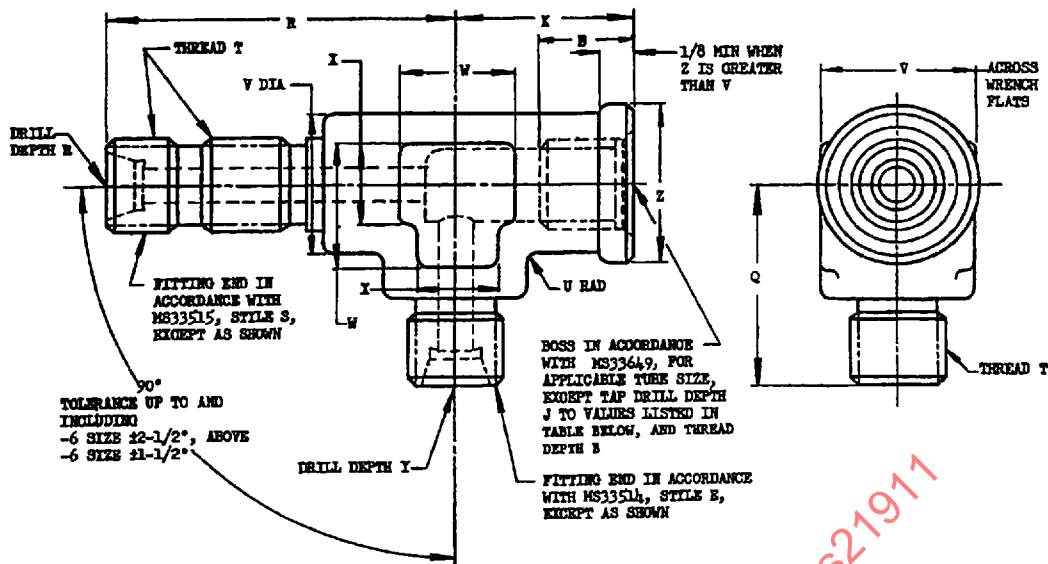
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| DASH NO. | TUBE OD | THREAD T MIL-S-8879 | B MIN | J +3/64 -0 | K +3/64 -0 | Q +3/64 -0 | R +3/64 -0 | U RAD | V      | W       | X APPROX | Y +3/64 -0 | Z DIA   | WT LB MAX |          |          |
|----------|---------|---------------------|-------|------------|------------|------------|------------|-------|--------|---------|----------|------------|---------|-----------|----------|----------|
|          |         |                     |       |            |            |            |            |       |        |         |          |            |         | STEEL     | AL ALLOY | TI ALLOY |
| -2       | 1/8     | .3125-24 UNJF-3A    | .375  | 23/32      | 5/8        | 27/32      | 1- 3/8     | 1/16  | 1/2    | 15/32   | 5/16     | 27/32      | 9/16    | .051      | .018     | .029     |
| -3       | 3/16    | .3750-24 UNJF-3A    | .406  | 13/16      | 11/16      | 29/32      | 1-29/64    | 3/32  | 9/16   | 1/2     | 5/16     | 29/32      | 5/8     | .105      | .039     | .060     |
| -4       | 1/4     | .4375-20 UNJF-3A    | .438  | 29/32      | 3/4        | 1- 3/32    | 1-43/64    | 3/32  | 3/4    | 11/16   | 7/16     | 1- 3/32    | 3/4     | .206      | .067     | .118     |
| -5       | 5/16    | .5000-20 UNJF-3A    | .469  | 15/16      | 1          | 1- 5/32    | 1-57/64    | 1/8   | 7/8    | 25/32   | 1- 3/16  | 7/8        | 1- 3/16 | .230      | .075     | .132     |
| -6       | 3/8     | .5625-18 UNJF-3A    | .562  | 1- 1/32    | 13/16      | 1- 5/32    | 1-57/64    | 1/8   | 7/8    | 25/32   | 1- 3/16  | 7/8        | 1- 3/16 | .283      | .112     | .163     |
| -8       | 1/2     | .7500-16 UNJF-3A    | .625  | 1- 1/4     | 1          | 1-11/32    | 2- 1/32    | 1/8   | 1-1/16 | 29/32   | 1/2      | 1- 3/8     | 1- 1/16 | .360      | .148     | .207     |
| -10      | 5/8     | .8750-14 UNJF-3A    | .625  | 1-15/32    | 1- 5/32    | 1- 1/2     | 2- 1/4     | 1/8   | 1-5/16 | 1- 3/32 | 5/8      | 1- 5/8     | 1- 3/16 | .450      | .179     | .259     |
| -12      | 3/4     | 1.0625-12 UNJF-3A   | .688  | 1- 3/4     | 1-11/32    | 1-41/64    | 2- 7/16    | 1/8   | 1-5/16 | 1- 3/32 | 5/8      | 1-45/64    | 1- 7/16 | .850      | .284     | .490     |
| -16      | 1       | 1.3125-12 UNJF-3A   | .688  | 2- 1/16    | 1-17/32    | 1-27/32    | 2-21/32    | 1/8   | 1-5/8  | 1- 5/16 | 3/4      | 1- 7/8     | 1-11/16 | 1.100     | .410     | .634     |
| -20      | 1-1/4   | 1.6250-12 UNJF-3A   | .688  | 2- 5/16    | 1-23/32    | 1-63/64    | 2-51/64    | 1/8   | 1-7/8  | 1- 1/2  | 7/8      | 1-63/64    | 2       | 1.540     | .600     | .888     |