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REV. A
AS1960™/2

FEDERAL SUPPLY CLASS
5340

RATIONALE

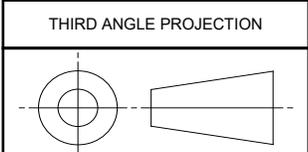
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|---------------------|--|-----------------------------------|------------------|
| CUSTODIAN: G-3/G-3A | | PROCUREMENT SPECIFICATION: AS1960 | |
| | AEROSPACE STANDARD | | AS1960™/2 |
| | COUPLING, SHEET METAL, 40° V-BAND, QUICK RELEASE (OPTIONAL SAFETY) LATCH | | |

ISSUED 1986-06 REAFFIRMED 2013-01 STABILIZED 2024-11

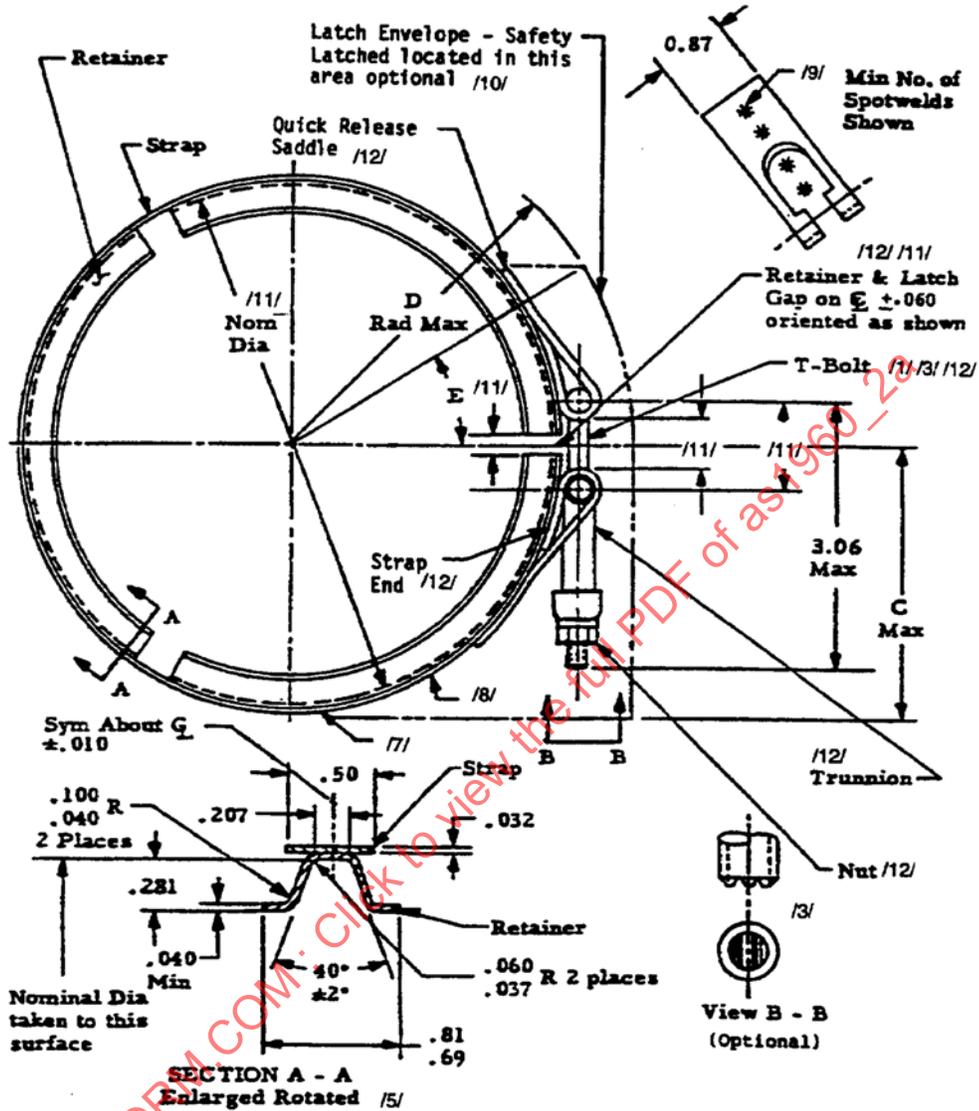


FIGURE 1

TABLE 1

| PART NUMBER | TUBE OD | NOMINAL DIA 16 | C MAX | D RAD MAX | E | WEIGHT IN LBS | /8/ NUT TORQUE ± 5 IN. LBS | |
|-------------------|---------|----------------|-------|-----------|------|---------------|----------------------------|----|
| AS1960/2-100 /10/ | 1.000 | 1.636 | 2.50 | 1.60 | 100° | .26 | 35 | |
| AS1960/2-125 /10/ | 1.250 | 1.886 | | 1.68 | 93° | .28 | | |
| AS1960/2-150 /10/ | 1.500 | 2.136 | | 1.76 | 81° | .30 | | |
| AS1960/2-175 /10/ | 1.750 | 2.386 | | 1.90 | 78° | .32 | | |
| AS1960/2-200 /10/ | 2.000 | 2.636 | 2.69 | 2.02 | 69° | .33 | | |
| AS1960/2-225 /10/ | 2.250 | 2.886 | | 2.14 | 64° | .35 | | |
| AS1960/2-250 /10/ | 2.500 | 3.136 | | 2.27 | 60° | .36 | | |
| AS1960/2-275 /10/ | 2.750 | 3.386 | | 2.40 | 56° | .38 | | |
| AS1960/2-300 /10/ | 3.000 | 3.636 | | 2.52 | 53° | .40 | | |
| AS1960/2-350 /10/ | 3.500 | 4.136 | 2.75 | 2.77 | 48° | .44 | | 40 |
| AS1960/2-400 /10/ | 4.000 | 4.636 | | 3.02 | 43° | .47 | | |
| AS1960/2-450 /10/ | 4.500 | 5.136 | | 3.27 | 39° | .50 | | |
| AS1960/2-500 /10/ | 5.000 | 5.636 | | 3.52 | 37° | .54 | 45 | |
| AS1960/2-550 /10/ | 5.500 | 6.136 | | 3.78 | 34° | .57 | | |
| AS1960/2-600 /10/ | 6.000 | 6.636 | | 4.02 | 32° | .60 | | |
| AS1960/2-650 /10/ | 6.500 | 7.136 | | 4.27 | 29° | .64 | | |
| AS1960/2-700 /10/ | 7.000 | 7.636 | | 2.75 | 4.52 | 28° | .67 | 50 |
| AS1960/2-750 /10/ | 7.500 | 8.136 | | | 4.78 | 26° | .70 | |
| AS1960/2-800 /10/ | 8.000 | 8.636 | | | 5.02 | 25° | .73 | |
| AS1960/2-850 /10/ | 8.500 | 9.136 | 5.27 | | 24° | .77 | | |
| AS1960/2-900 /10/ | 9.000 | 9.636 | 5.62 | | 23° | .80 | | |


AEROSPACE STANDARD

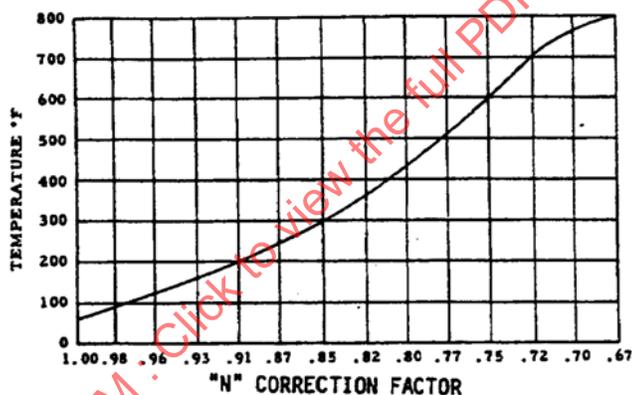
 COUPLING, SHEET METAL, 40° V-BAND, QUICK
 RELEASE (OPTIONAL SAFETY) LATCH

AS1960™/2
 SHEET 2 OF 5

REV.
A

TABLE 2

| TUBE OD | D DIA | "N" LBS/INCH (LIMIT) AT ROOM TEMPERATURE /17/ TO -65 °F |
|---------|-------|---|
| 1.00 | 1.582 | 589 |
| 1.25 | 1.832 | 501 |
| 1.50 | 2.082 | 437 |
| 1.75 | 2.332 | 391 |
| 2.00 | 2.582 | 355 |
| 2.25 | 2.832 | 326 |
| 2.50 | 3.082 | 303 |
| 2.75 | 3.332 | 283 |
| 3.00 | 3.582 | 267 |
| 3.50 | 4.082 | 241 |
| 4.00 | 4.582 | 221 |
| 4.50 | 5.082 | 206 |
| 5.00 | 5.582 | 193 |
| 5.50 | 6.082 | 183 |
| 6.00 | 6.582 | 175 |
| 6.50 | 7.082 | 167 |
| 7.00 | 7.582 | 161 |
| 7.50 | 8.082 | 155 |
| 8.00 | 8.582 | 150 |

TABLE 3 - TEMPERATURE CORRECTION FOR
300 SERIES STAINLESS STEEL /19/

NOTES:

- /1/ T-BOLT SHALL BE CURVED FOR TUBE OD 3.00 AND UNDER.
2. TOLERANCES: XX ± .03, .XXX ± .010 UNLESS OTHERWISE SPECIFIED.
- /3/ T-BOLT FACE TO BE MARKED AS SHOWN IN VIEW B-B, OR EQUIVALENT TYPE MARKING.
4. MATERIAL: STRAP - MIL-S-5059 COMP 301 1/2H (STAINLESS STEEL)
RETAINER - MIL-S-5059 COMP 301 1/4H (STAINLESS STEEL)
TRUNNION - MIL-S-5059 COMP 301/302 ANNEALED OR EQUIVALENT (STAINLESS STEEL)
T-BOLT - A-286 PER AMS 5732 OR AMS 5737 (STAINLESS STEEL)
NUT - Z1200J048 /7/ /18/ (STAINLESS STEEL SILVER PLATED)
ELASTIC STOP NUT CORP. CODE IDENT 72962 OR EQUIVALENT
- /5/ BAND AND RETAINER LOCATION AND FORMING SHALL BE BY SYMMETRICAL ABOUT CENTERLINE WITHIN 0.010 TIR.

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|---|---|----------------------------------|-------------------------|
|  | AEROSPACE STANDARD | AS1960™/2 SHEET 3 OF 5 | REV. A |
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