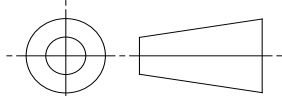



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| REV. B | | | FEDERAL SUPPLY CLASS 5340 |
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| CUSTODIAN: G-3/G-3A | | PROCUREMENT SPECIFICATION: AS1960 | |
|  | AEROSPACE STANDARD | | AS1960™/1 |
| | COUPLING, SHEET METAL, 40° V-BAND, STANDARD LATCH | | |
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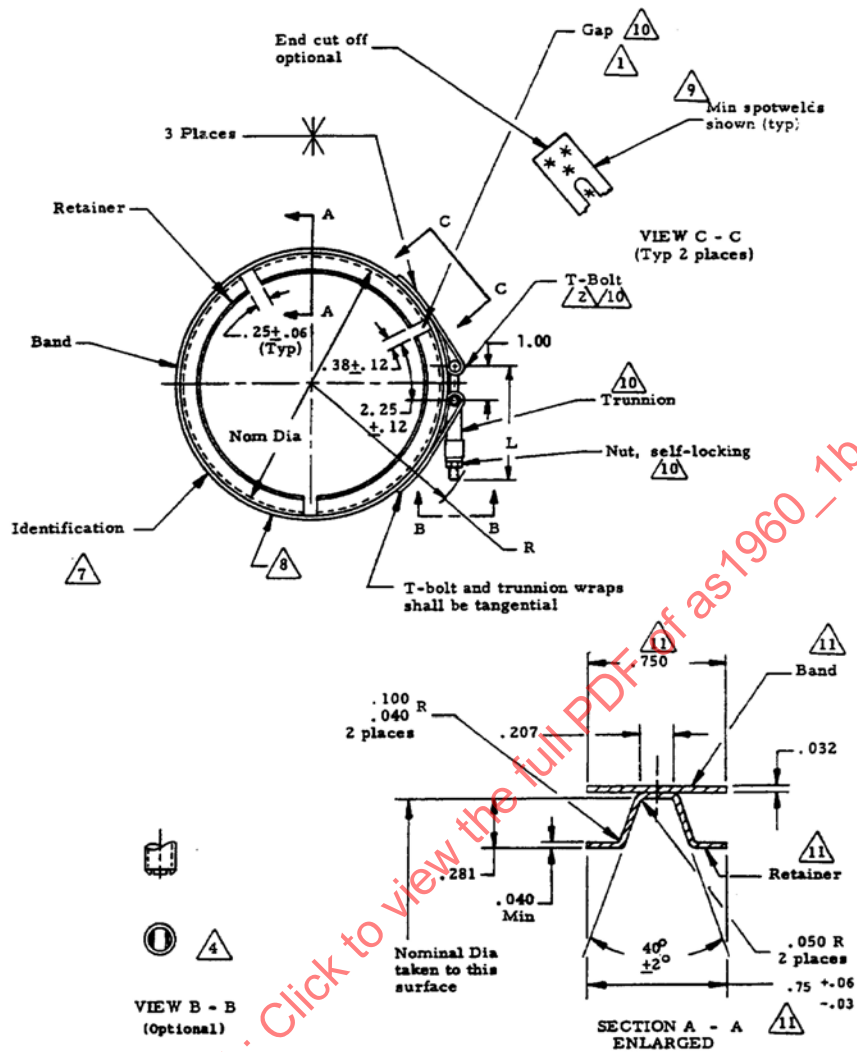


FIGURE 1



FIGURE 2

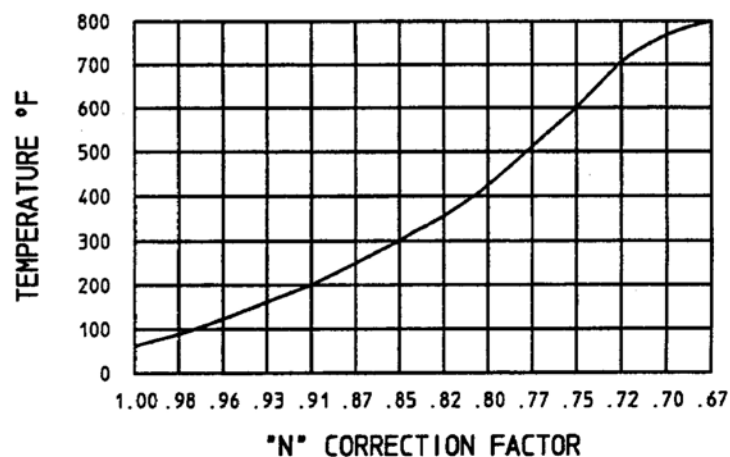


FIGURE 3 - TEMPERATURE CORRECTION FOR
300 SERIES STAINLESS STEEL /19/

TABLE 1

| PART NUMBER | TUBE OD | NOMINAL DIA | WEIGHT (LBS) | /8/ NUT TORQUE ±5 IN. - LBS. | L ±12 | R MAX |
|----------------|------------|----------------|-----------------|------------------------------------|----------|----------|
| AS1960/1 - 200 | 2.000 | 2.636 | .26 | 35 | 2.75 | 3.26 |
| AS1960/1 - 225 | 2.250 | 2.886 | .27 | | | 3.32 |
| AS1960/1 - 250 | 2.500 | 3.136 | .29 | | | 3.36 |
| AS1960/1 - 275 | 2.750 | 3.386 | .30 | | | 3.42 |
| AS1960/1 - 300 | 3.000 | 3.636 | .31 | 40 | | 3.50 |
| AS1960/1 - 350 | 3.500 | 4.136 | .35 | | | 3.39 |
| AS1960/1 - 400 | 4.000 | 4.636 | .38 | | | 3.57 |
| AS1960/1 - 450 | 4.500 | 5.136 | .40 | | | 3.77 |
| AS1960/1 - 500 | 5.000 | 5.636 | .44 | 45 | 3.00 | 4.00 |
| AS1960/1 - 550 | 5.500 | 6.136 | .47 | | | 4.32 |
| AS1960/1 - 600 | 6.000 | 6.636 | .50 | | | 4.52 |
| AS1960/1 - 650 | 6.500 | 7.136 | .52 | | | 4.73 |
| AS1960/1 - 700 | 7.000 | 7.636 | .55 | 50 | | 4.95 |
| AS1960/1 - 750 | 7.500 | 8.136 | .58 | | | 5.16 |
| AS1960/1 - 800 | 8.000 | 8.636 | .61 | | | 5.40 |
| AS1960/1 - 850 | 8.500 | 9.136 | .63 | | | 5.62 |
| AS1960/1 - 900 | 9.000 | 9.636 | .67 | | | 5.84 |

TABLE 2

| TUBE OD | D DIA | *N° LBS/INCH (LIMIT AT ROOM TEMPERATURE /17/ TO -65 °F |
|------------|----------|--|
| 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 |

NOTES:

- /1/ RETAINER GAP TO BE ROTATED TO CENTERLINE OF LATCH FOR TUBE OD 3.00 AND UNDER.
- /2/ T-BOLT SHALL BE CURVED FOR TUBE OD 3.00 AND UNDER.
3. TOLERANCES: .XX ± .03, .XXX ± .010 OR AS NOTED.
- /4/ T-BOLT FACE TO BE MARKED AS SHOWN IN VIEW B-B OR EQUIVALENT TYPE MARKING.
5. 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 (ELASTIC STOP NUT CORP FED SUPPLY CODE 72962) STAINLESS STEEL SILVER
 PLATED OR EQUIVALENT.
6. THREADS: T-BOLT AND NUT THREAD SHALL CONFORM TO MIL-S-8879.
 T-BOLT: .2500-28 UNJF-3A
 NUT: .2500-28 UNJF-3B
- /7/ IDENTIFICATION: THE COUPLING SHALL BE MARKED WITH THE FOLLOWING MINIMUM INFORMATION:
 AS PART NO. AS1960/1-XXX
 MANUFACTURER'S NAME AND/OR TRADEMARK
 DATE OF MANUFACTURE
- /8/ TORQUE MARKING SHALL BE PERMANENTLY MARKED IN 1/8" MINIMUM HIGH LETTERS LOCATED AS SHOWN:
 "CAUTION TORQUE TO (XX ±5) INCH LBS."
- /9/ SPOTWELD PER MIL-W-6858, CLASS B.
- /10/ LATCH COMPONENTS (RETAINERS, STRAPS, TRUNNION, ETC.) SHALL NOT BIND OR INTERFERE WITH OPERATION OF T-BOLT.
- /11/ BAND AND RETAINER LOCATION AND FORMING SHALL BE SYMMETRICAL ABOUT CENTERLINE WITHIN .020 TIR.



AEROSPACE STANDARD

COUPLING, SHEET METAL,
40° V-BAND, STANDARD LATCH

AS1960™/1
SHEET 3 OF 5

REV.
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