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REV.
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AS1960™/1

FEDERAL SUPPLY CLASS
5340

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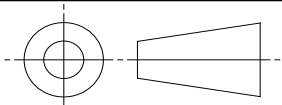
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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: AS1960



AEROSPACE STANDARD

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

AS1960™/1

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ISSUED 1986-06 REVISED 1997-03 REAFFIRMED 2013-01 STABILIZED 2024-11

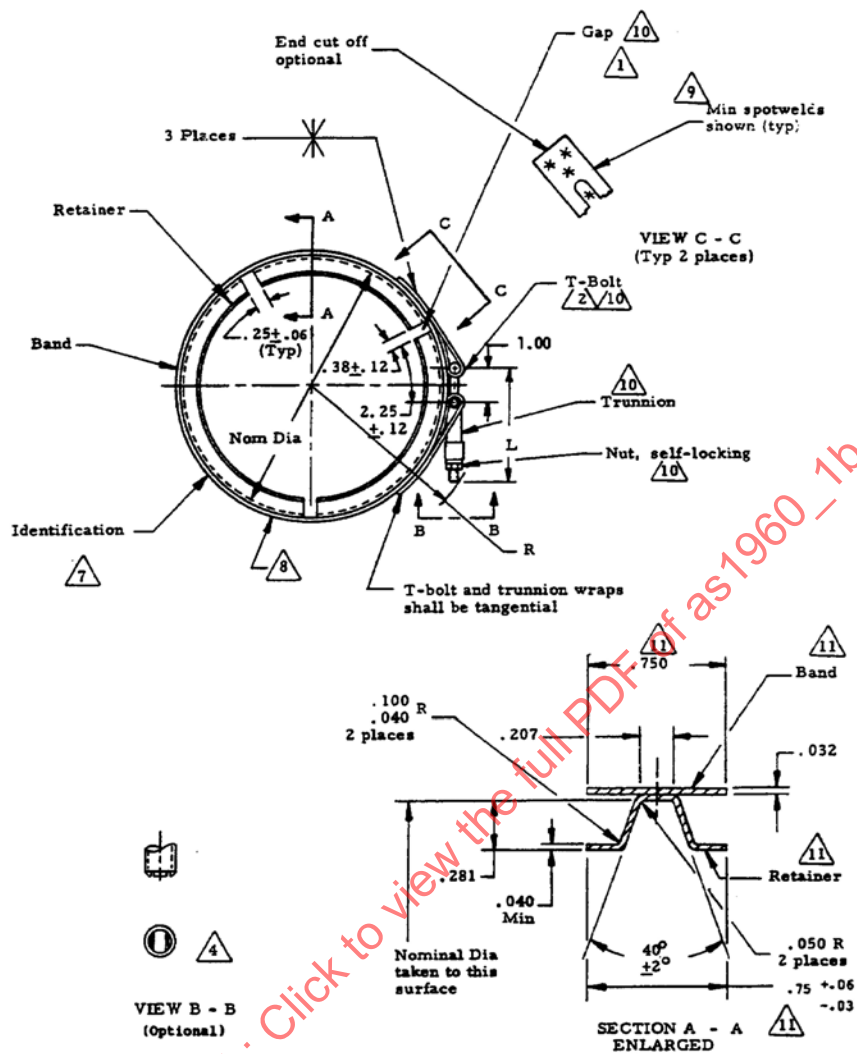


FIGURE 1



FIGURE 2

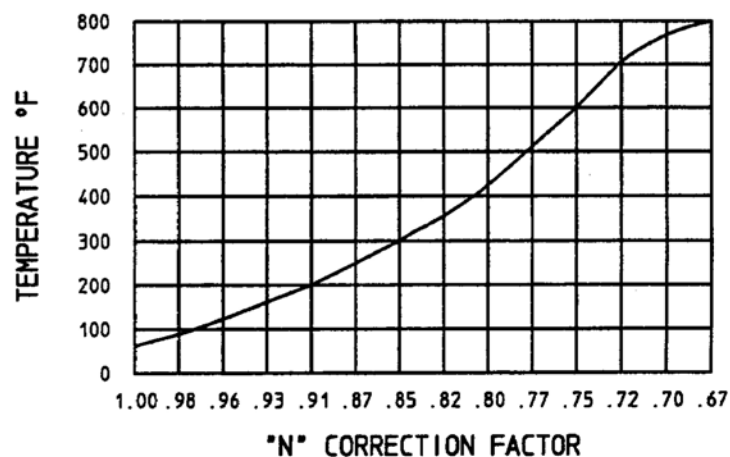


FIGURE 3 - TEMPERATURE CORRECTION FOR
300 SERIES STAINLESS STEEL /19/

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.



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SHEET 3 OF 5

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