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MA2024

RATIONALE

MA2024 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

FEDERAL SUPPLY CLASS
5340

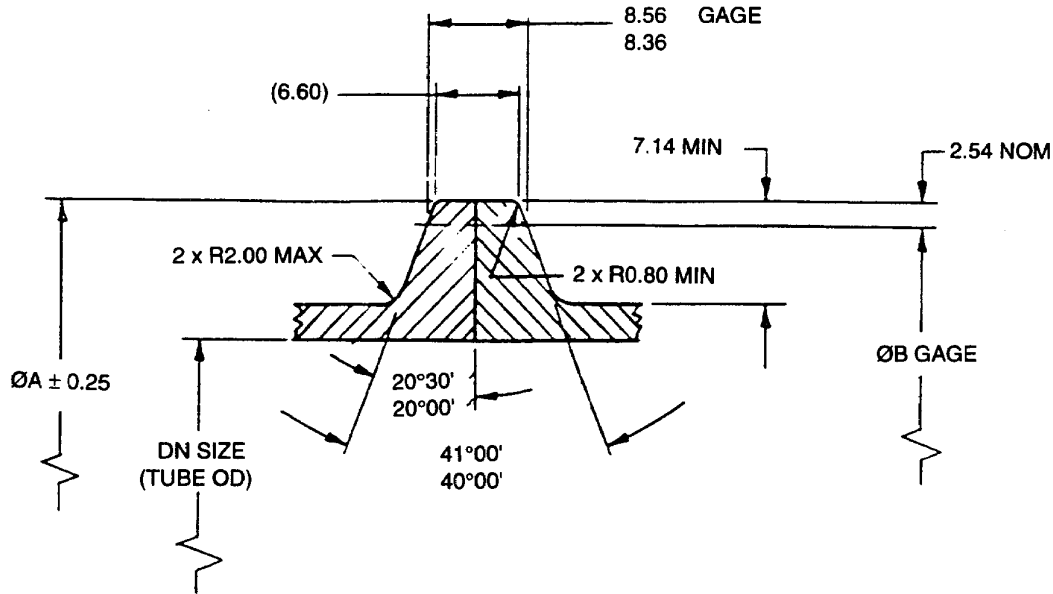


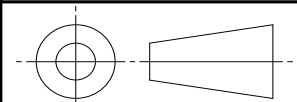
FIGURE 1 - TYPE 1 - MEDIUM WEIGHT FLANGE PROFILE

TABLE 1 - DIMENSIONS IN MM

DN SIZE	(TUBE OD INCH)	A	B
25	1.000	44.45	39.37
32	1.250	50.80	45.72
40	1.500	57.15	52.07
45	1.750	63.50	58.42
50	2.000	69.85	64.77
56	2.250	76.20	71.12
63	2.500	82.55	77.47
70	2.750	88.90	83.82
/3/ 76	3.000	95.25	90.17
80	3.250	101.60	96.52
/3/ 89	3.500	107.95	102.87
100	4.000	120.65	115.57
/3/ 114	4.500	133.35	128.27
/3/ 124	5.000	146.05	140.97
/3/ 140	5.500	158.75	153.67
/3/ 152	6.000	171.45	166.37
/3/ 165	6.500	184.15	179.07
/3/ 175	7.000	196.85	191.77
/3/ 191	7.500	209.55	204.47
/3/ 204	8.000	222.55	217.17

SAE values your input. To provide feedback
on this Technical Report, please visit
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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

FLANGE PROFILES, V-COUPLING,
DESIGN STANDARD, METRIC

MA2024
SHEET 1 OF 8

Documents

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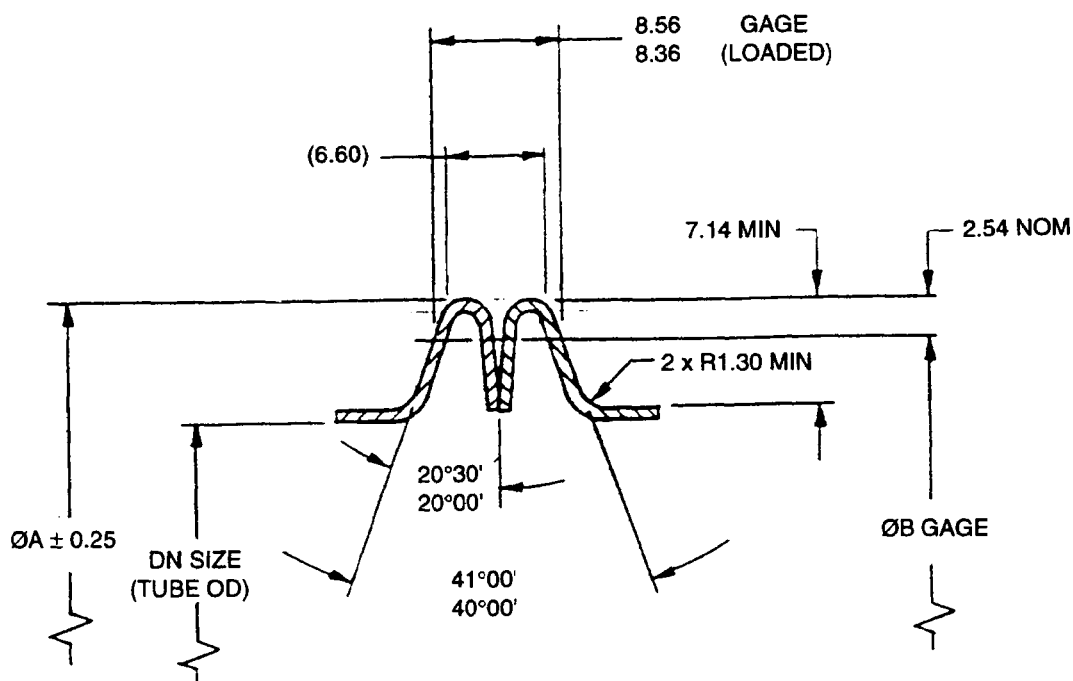


FIGURE 2 - TYPE 1 - NARROW SHEET METAL FLANGE PROFILE

TABLE 2 - DIMENSIONS IN MM

DN SIZE	(TUBE OD INCH)	A	B
25	1.000	44.45	39.37
32	1.250	50.80	45.72
40	1.500	57.15	52.07
45	1.750	63.50	58.42
50	2.000	69.85	64.77
56	2.250	76.20	71.12
63	2.500	82.55	77.47
70	2.750	88.90	83.82
/3/ 76	3.000	95.25	90.17
80	3.250	101.60	96.52
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/3/ 124	5.000	146.05	140.97
/3/ 140	5.500	158.75	153.67
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/3/ 175	7.000	196.85	191.77
/3/ 191	7.500	209.55	204.47
/3/ 204	8.000	222.55	217.17

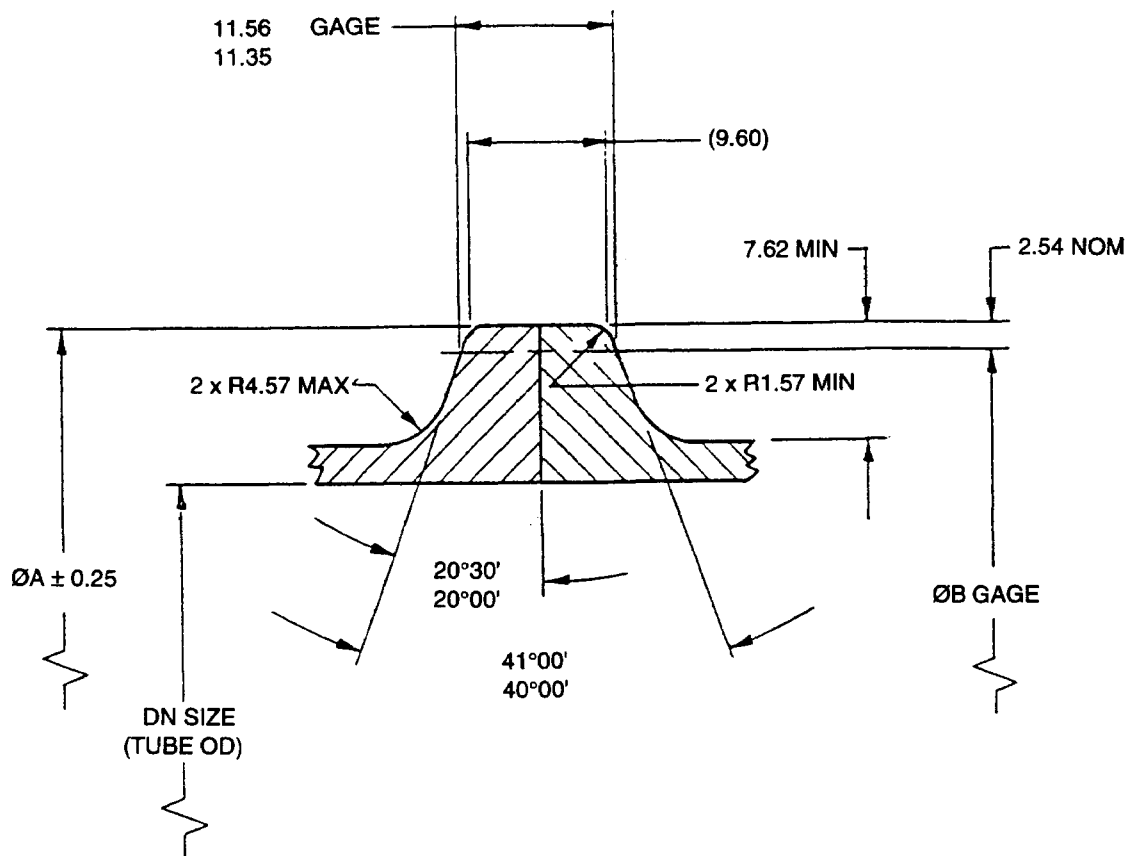


FIGURE 3 - TYPE 2 - HEAVY WEIGHT FLANGE PROFILE

TABLE 3 - DIMENSIONS IN MM

	DN SIZE	(TUBE OD INCH)	A	B
/3/	215	8.500	239.47	234.39
/3/	228	9.000	252.17	247.09
/3/	240	9.500	264.87	259.79
/3/	250	10.000	277.57	272.49
/3/	267	10.500	290.27	285.19
/3/	280	11.000	302.97	297.89
/3/	292	11.500	315.67	310.59
/3/	304	12.000	328.37	323.29
/3/	315	12.500	341.07	335.99
/3/	329	13.000	353.77	348.69
/3/	333	13.500	366.47	361.39
/3/	350	14.000	379.17	374.09