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REV.
A

AS5827

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS5827A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

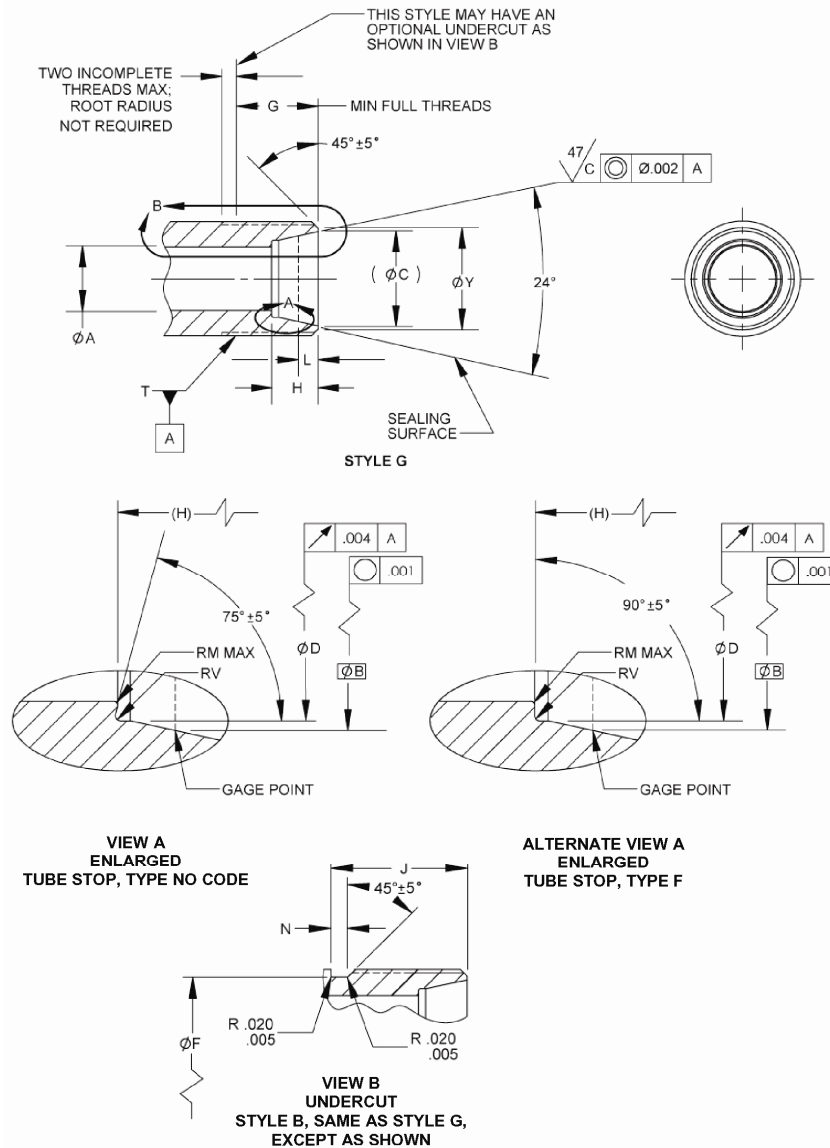
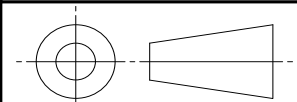


FIGURE 1 - FITTING END DESIGN, STYLE B AND G

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3C

PROCUREMENT SPECIFICATION: NONE /1/



AEROSPACE STANDARD

FITTING END, FLARELESS,
EXTRA FINE THREAD, DESIGN STANDARD

AS5827
SHEET 1 OF 4

REV.
A

Documents

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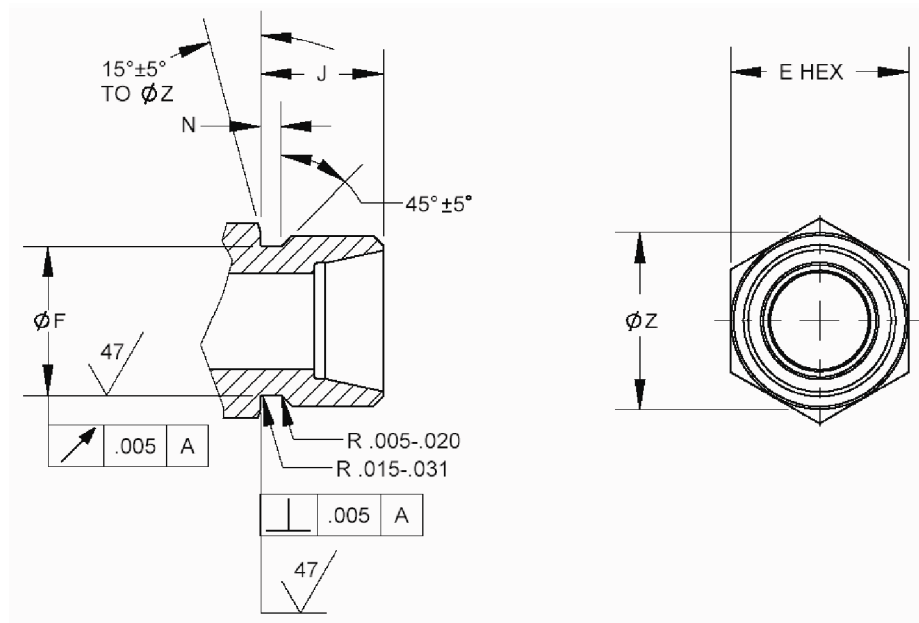


FIGURE 2 - FITTING END DESIGN, STYLE E
SAME AS STYLE G EXCEPT AS SHOWN

TABLE 1A - DIMENSIONS A-F

BASIC NO. AS5827 /7/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER ISO 3161 CLASS 3A	A ±.003	B GAGE	(C)	D +.004/- .000	F +.004/- .003
04	.250	.4375-28 UNJEF	.187	.2930	.319	.261	.379
06	.375	.5625-24 UNJEF	.297	.4160	.441	.386	.497
08	.500	.7500-20 UNJEF	.422	.5600	.601	.514	.674
10	.625	.8750-20 UNJEF	.500	.6860	.727	.641	.799
12	.750	1.0625-18 UNJEF	.656	.8100	.852	.766	.971
16	1.000	1.3125-16 UNJ	.875	1.0620	1.102	1.016	1.221
20	1.250	1.6250-16 UNJ	1.093	1.3160	1.355	1.270	1.533

TABLE 1B - DIMENSIONS G-Y

BASIC NO. AS5827 /7/ SIZE CODE	G	H ±.003	J	L ±.003	M MAX	N +.015/- .000	V	Y
04	.443	.234	.453	.060	.005	.075	.005-.020	.365
06	.459	.250	.469	.057	.010	.083	.005-.020	.480
08	.552	.305	.562	.095	.010	.094	.005-.020	.660
10	.615	.350	.625	.095	.010	.107	.005-.020	.775
12	.678	.350	.688	.097	.010	.125	.005-.020	.945
16	.678	.415	.688	.093	.010	.125	.005-.020	1.195
20	.678	.415	.688	.090	.015	.125	.020-.030	1.505

	AEROSPACE STANDARD		AS5827 SHEET 2 OF 4	REV. A
	FITTING END, FLARELESS, EXTRA FINE THREAD, DESIGN STANDARD			



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