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AS4137™

RATIONALE

FEDERAL SUPPLY CLASS
4730

GRAPHICS REDRAWN. FLAGNOTE /15/ ADDED TO ØE IN FIGURE 1. 45° DIMENSION BEHIND THREAD HAS BEEN REMOVED BECAUSE IT IS ALREADY BEING DEFINED ON AS4375, STYLE E. FLAG NOTE /24/ ADDED. GENERAL UPDATES INCORPORATED.

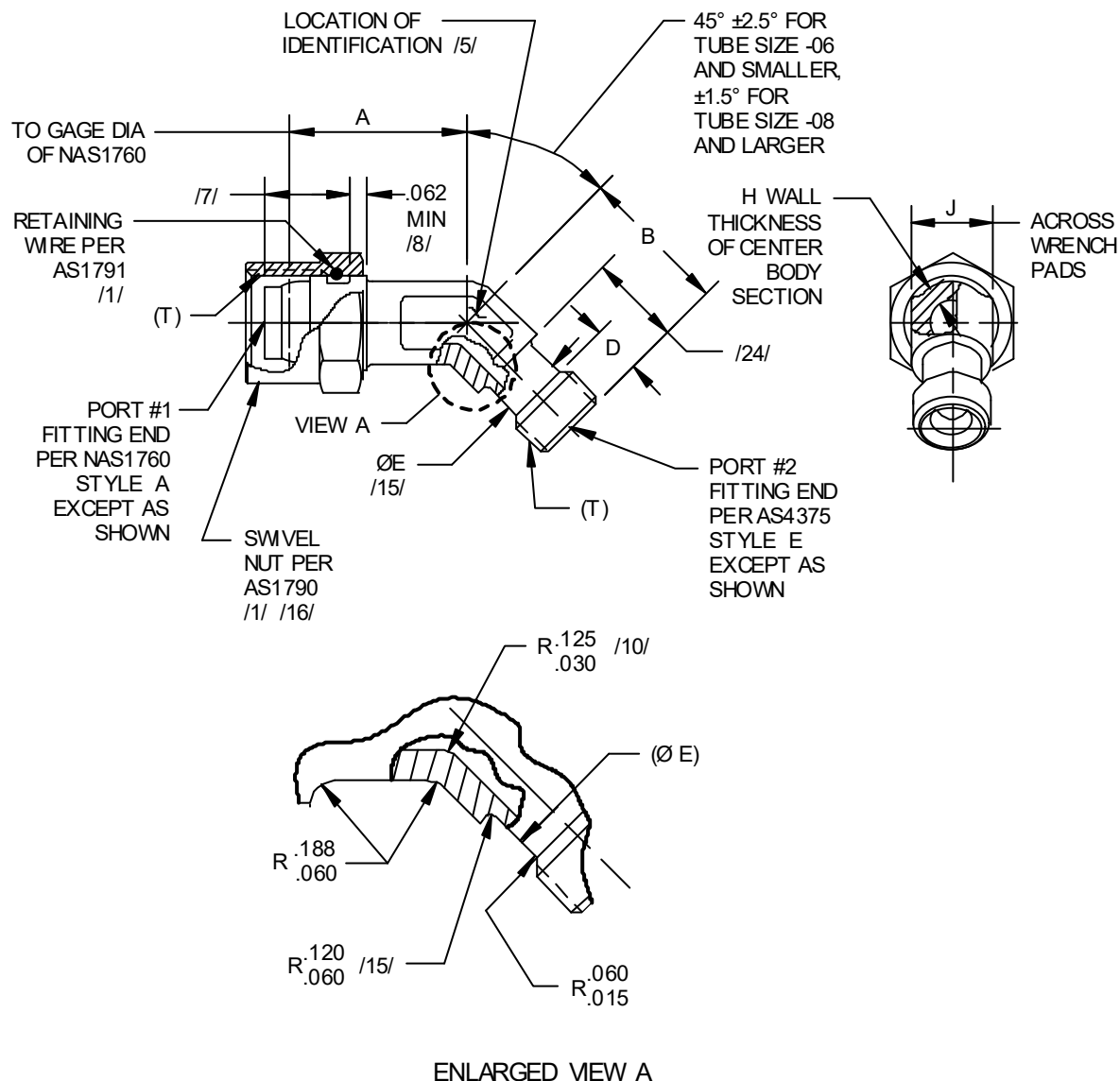
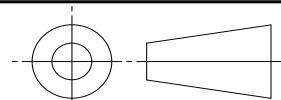


FIGURE 1 - FITTING ASSY, ELBOW, REDUCER, 45°, SWIVEL, REDUCED BODY, FLARELESS

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /4/



AEROSPACE STANDARD

FITTING ASSY, ELBOW, REDUCER,
45°, SWIVEL, REDUCED BODY,
FLARELESS

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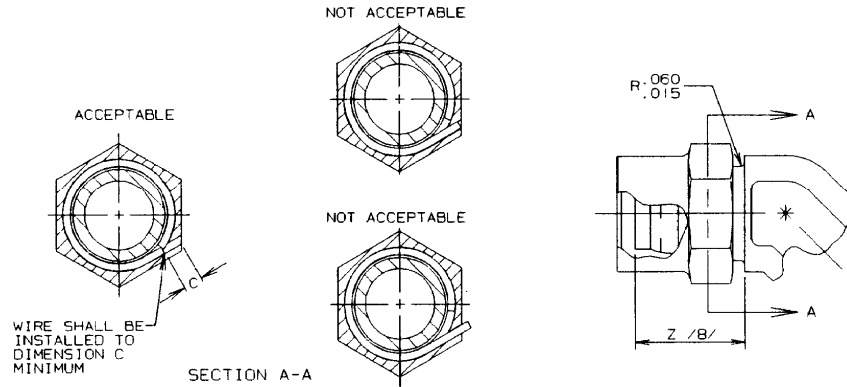


FIGURE 2 - INSTALLATION, SWIVEL NUT RETAINING WIRE

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS4137 /21/ SIZE CODE	H MIN	J	LB/EA APPROX REF CRES	LB/EA APPROX REF TI
04	.050	.390	.050	.028
05	.050	.453	.064	.036
06	.050	.453	.076	.043
08	.050	.577	.134	.075
10	.070	.702	.208	.117
12	.080	.890	.326	.183
16	.090	1.140	.492	.276
20	.110	1.390	.794	.446
24	.130	1.640	1.148	.645

TABLE 2 - FITTING END

SIZE CODE	TUBE OD	T THREAD PER AS8879	C /16/	D	E	Z
04	.250	.4375-20UNJF	.075	.371	.350	.600
05	.313	.5000-20UNJF	.076	.371	.412	.660
06	.375	.5625-18UNJF	.084	.379	.453	.730
08	.500	.7500-16UNJF	.095	.461	.577	.845
10	.625	.8750-14UNJF	.115	.511	.702	.940
12	.750	1.0625-12UNJ	.149	.556	.890	.975
16	1.000	1.3125-12UNJ	.178	.556	1.140	1.160
20	1.250	1.6250-12UNJ	.221	.556	1.390	1.190
24	1.500	1.8750-12UNJ	.291	.556	1.640	---



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