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E

AS4687™

FEDERAL SUPPLY CLASS
4730

RATIONALE

ADDED CONDUCTIVE HIGH PURITY ALUMINUM COATING FOR ALUMINUM ALLOY FITTINGS.

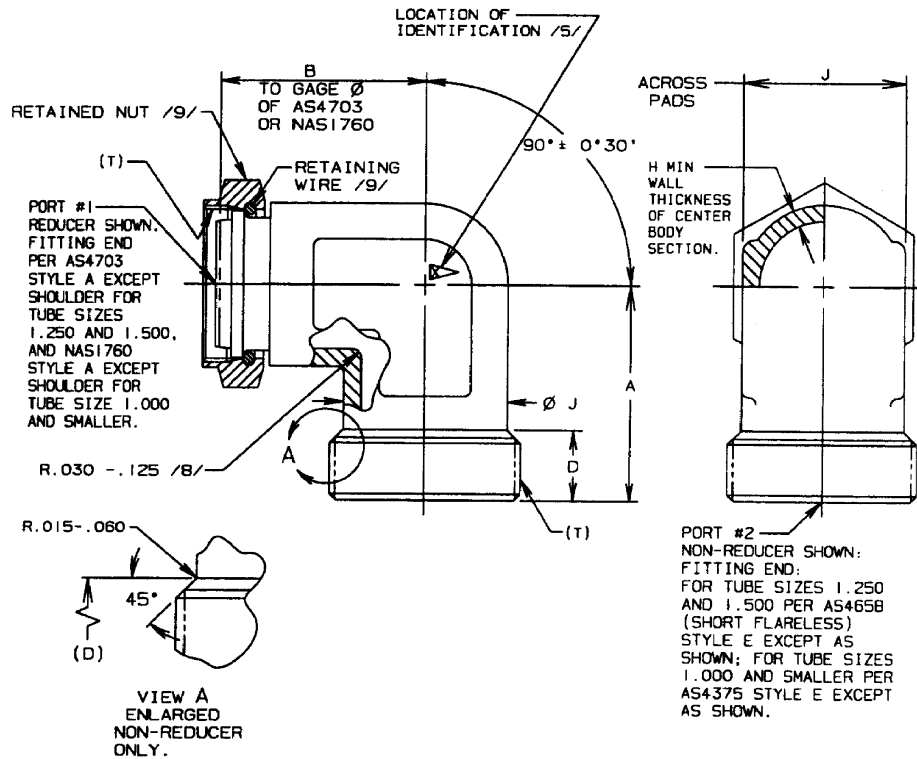


FIGURE 1 - ELBOW ASSEMBLY, 90°

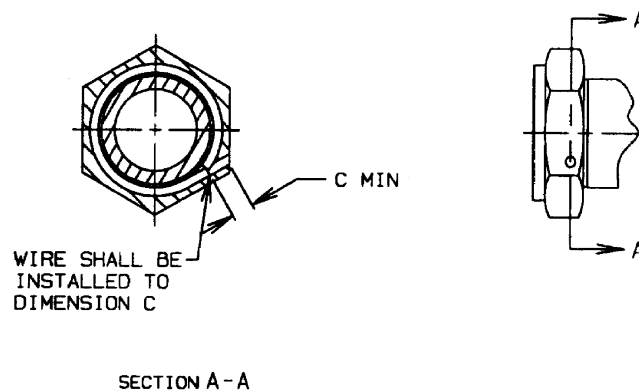
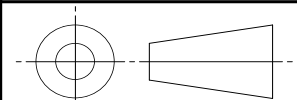


FIGURE 2 - INSTALLATION, RETAINED NUT AND RETAINING WIRE

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /4/



AEROSPACE STANDARD

FITTING ASSEMBLY, ELBOW, 90°, FLARELESS AND
SHORT FLARELESS, REDUCER, RETAINED NUT

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SHEET 1 OF 5

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Documents

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS4687 /10/ /19/ SIZE CODE	D	H	J +.005/- .020	LB/EA APPROX REF ALUM	LB/EA APPROX REF CRES	LB/EA APPROX REF TI
20	.517	.124	1.375	.332	.964	.560
24	.614	.156	1.688	.502	1.430	.828

TABLE 2 - WIRE INSERTION DEPTH

PORT SIZE	(NOMINAL TUBE SIZE)	C
04	.250	.076
05	.312	.076
06	.375	.084
08	.500	.095
10	.625	.114
12	.750	.150
16	1.000	.176
20	1.250	.247
24	1.500	.287

TABLE 3 - LEG LENGTH A

SIZE OF PORT #2	FORGING SIZE /10/ 20	FORGING SIZE /10/ 24
04	1.424	1.549
05	1.424	1.549
06	1.440	1.565
08	1.533	1.658
10	1.596	1.721
12	1.659	1.784
16	1.659	1.784
20	1.678	1.577
24	---	1.803

TABLE 4 - LEG LENGTH B

SIZE OF PORT #1	FORGING SIZE /10/ 20	FORGING SIZE /10/ 24
04	1.401	1.526
05	1.453	1.578
06	1.514	1.639
08	1.611	1.736
10	1.690	1.815
12	1.679	1.804
16	1.727	1.852
20	1.603	1.728
24	---	1.756