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AS1006™

FEDERAL SUPPLY CLASS
4730

RATIONALE

ADDED CONDUCTIVE HIGH PURITY ALUMINUM COATING FOR ALUMINUM ALLOY FITTINGS.

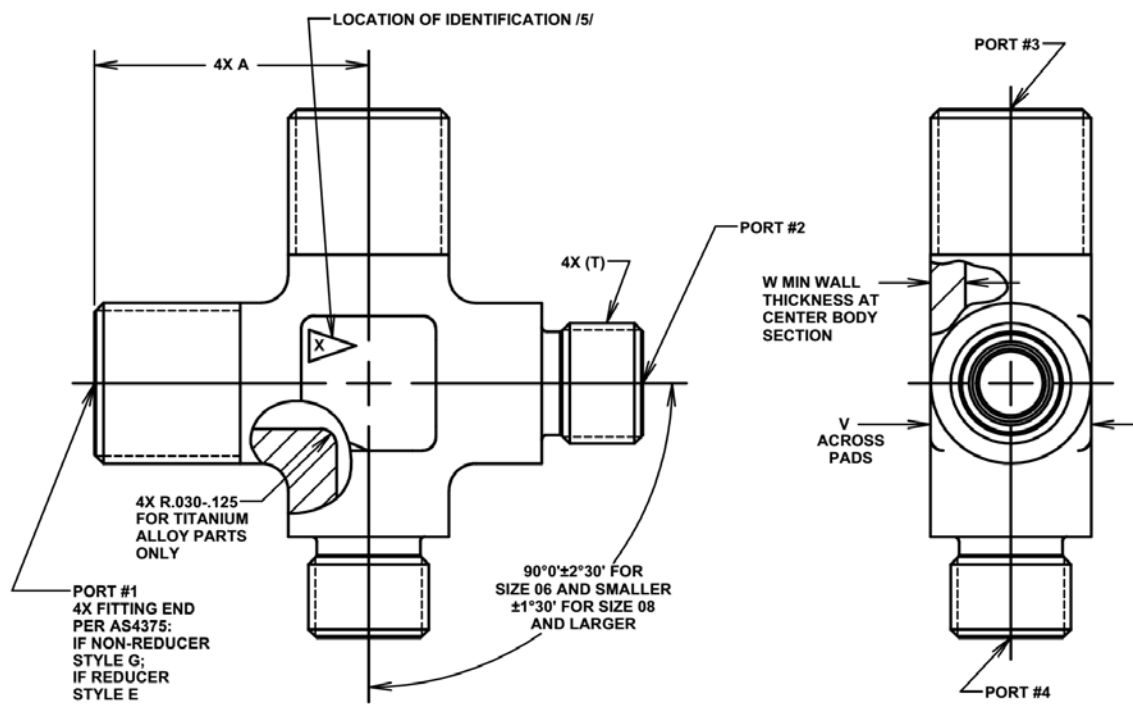
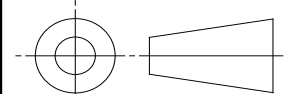


FIGURE 1 - FITTING, CROSS, PORT #2 AND PORT #4 SHOWN AS REDUCER

INACTIVE /22/

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /4/



AEROSPACE STANDARD

FITTING, CROSS,
STANDARD AND REDUCER,
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TABLE 1 - DIMENSIONS AND WEIGHTS /12/

BASIC NO. AS1006 /11/ /21/ SIZE CODE	V	W	LB/EA APPROX REF ALUM	LB/EA APPROX REF STEEL	LB/EA APPROX REF TI
02	.297- .314	.090	.0180	.0516	.0285
03	.360- .377	.100	.0273	.0783	.0432
04	.423- .440	.110	.0356	.102	.0565
05	.485- .502	.120	.0477	.137	.0755
06	.547- .565	.120	.0604	.173	.0956
08	.735- .753	.150	.122	.349	.193
10	.860- .878	.170	.156	.447	.246
12	1.047-1.065	.185	.265	.762	.420
14	1.173-1.191	.200	.330	.950	.522
16	1.292-1.317	.205	.391	1.12	.619
20	1.605-1.630	.240	.631	1.81	1.00
24	1.855-1.880	.250	.770	2.21	1.22
32	2.542-2.572	.350	1.70	4.87	2.69

TABLE 2 - LEG LENGTH A

FORGING SIZE /11/	TUBE SIZE OF PORT #1, #2, #3, OR #4 /13/												
	02	03	04	05	06	08	10	12	14	16	20	24	32
02	.773	-	-	-	-	-	-	-	-	-	-	-	-
03	.789	.836	-	-	-	-	-	-	-	-	-	-	-
04	.820	.867	.898	-	-	-	-	-	-	-	-	-	-
05	.883	.930	.961	.961	-	-	-	-	-	-	-	-	-
06	.961	1.008	1.039	1.039	1.055	-	-	-	-	-	-	-	-
08	1.086	1.133	1.164	1.164	1.180	1.273	-	-	-	-	-	-	-
10	1.180	1.226	1.258	1.258	1.274	1.367	1.430	-	-	-	-	-	-
12	1.272	1.320	1.351	1.351	1.367	1.460	1.523	1.586	-	-	-	-	-
14	1.398	1.445	1.476	1.476	1.492	1.585	1.648	1.742	1.680	-	-	-	-
16	1.429	1.476	1.507	1.507	1.523	1.616	1.679	1.742	1.742	1.742	-	-	-
20	1.585	1.632	1.663	1.663	1.679	1.772	1.835	1.898	1.898	1.898	1.898	-	-
24	1.710	1.757	1.788	1.788	1.804	1.897	1.960	2.023	2.023	2.023	2.023	2.023	-
32	2.148	2.195	2.226	2.226	2.242	2.335	2.398	2.461	2.461	2.461	2.461	2.461	2.461



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