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**REV.
E**

AS1716™

FEDERAL SUPPLY CLASS
4730

RATIONALE

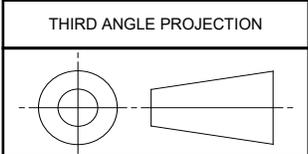
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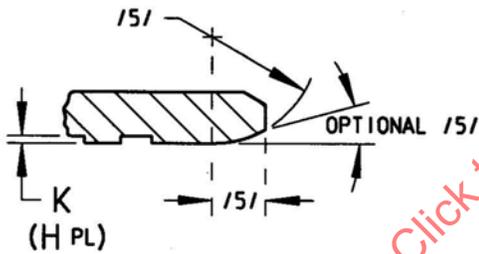
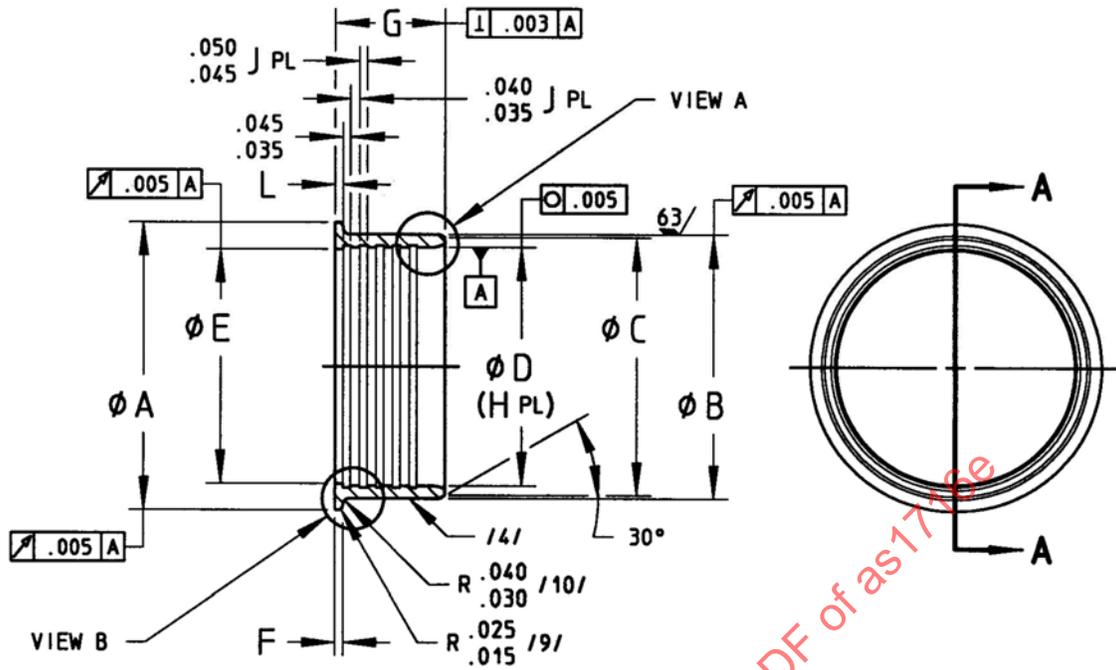
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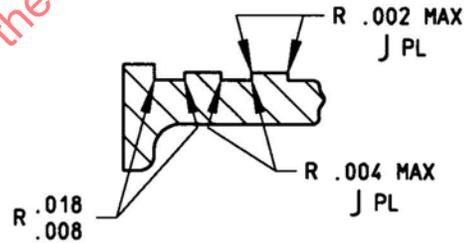


ISSUED 1982-05 REVISED 2006-08 REAFFIRMED 2013-01 STABILIZED 2024-07

CUSTODIAN: G-3/G-3A		PROCUREMENT SPECIFICATION: AS1710 /3/	
	AEROSPACE STANDARD		AS1716™
	FERRULE, COUPLING, FLEXIBLE, VARIABLE CAVITY, THREADED, FERRULE TUBE END		



ENLARGED VIEW A



ENLARGED VIEW B

FIGURE 1 - FERRULE

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	FERRULE, COUPLING, FLEXIBLE, VARIABLE CAVITY, THREADED, FERRULE TUBE END		

TABLE 1 – FERRULE DIMENSIONS AND WEIGHTS

BASIC NO. AS1716 SIZE CODE	(TUBE SIZE)	A /11/	B + .000/- .005	C	D /12/	E ± .005	F + .005/- .000	G	H PLCS	J PLCS	K /13/	L	WEIGHT LB/EA APPROX. REF.
-08	.500	.686	.625	.592	.504	.483	.035	.555	5	4	.010	.045/.035	.006
-10	.625	.811	.750	.717	.630	.609	.035	.555	5	4	.010	.045/.035	.007
-12	.750	.989	.891	.859	.755	.734	.040	.555	5	4	.010	.045/.035	.011
-16	1.000	1.265	1.142	1.109	1.005	.984	.040	.579	5	4	.010	.045/.035	.014
-20	1.250	1.515	1.392	1.359	1.256	1.235	.040	.579	5	4	.010	.045/.035	.017
-24	1.500	1.785	1.642	1.600	1.506	1.480	.040	.685	6	5	.010	.045/.035	.023
-28	1.750	2.035	1.892	1.850	1.756	1.730	.040	.685	6	5	.010	.045/.035	.027
-32	2.000	2.308	2.145	2.100	2.006	1.980	.060	.685	6	5	.010	.045/.035	.033
-36	2.250	2.558	2.395	2.350	2.257	2.220	.060	.692	6	5	.010	.045/.035	.037
-40	2.500	2.808	2.645	2.600	2.507	2.465	.060	.692	6	5	.010	.065/.055	.041
-44	2.750	3.058	2.895	2.850	2.757	2.715	.060	.692	6	5	.010	.065/.055	.045
-48	3.000	3.308	3.145	3.100	3.007	2.965	.060	.692	6	5	.010	.065/.055	.049
-56	3.500	3.820	3.645	3.600	3.509	3.467	.060	.722	6	5	.016	.065/.055	.057
-64	4.000	4.329	4.154	4.110	4.009	3.975	.060	.722	6	5	.016	.065/.055	.069
-72	4.500	4.830	4.655	4.610	4.509	4.475	.060	.770	7	6	.024	.090/.080	.080
-80	5.000	5.330	5.155	5.110	5.009	4.975	.075	.966	9	8	.024	.090/.080	.109
-88	5.500	5.830	5.655	5.610	5.511	5.475	.075	.966	9	8	.024	.090/.080	.119



AEROSPACE STANDARD

FERRULE, COUPLING, FLEXIBLE,
VARIABLE CAVITY, THREADED,
FERRULE TUBE END

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SHEET 2 OF 3

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