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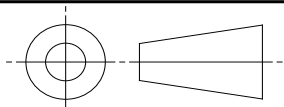
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PROCUREMENT SPECIFICATION: NONE /1/



AEROSPACE STANDARD

FITTING END, THREADLESS - FLEXIBLE, FIXED
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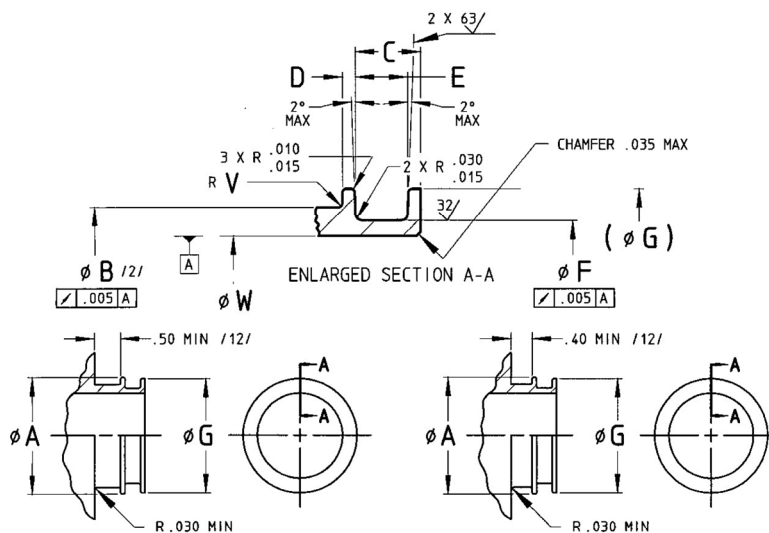


FIGURE 1A - MALE FERRULE END
FOR TUBE FITTINGS
TYPE 1A

FIGURE 1B - MALE FERRULE END
FOR HOSE FITTINGS
TYPE 1B

TABLE 1 - MALE FERRULE DIMENSIONS /3/ /4/

BASIC NO. AS1656-1 /11/ SIZE CODE	NOM TUBE SIZE REF	A ±.003	B ±.003	C	D MACH END ±.0025	D CAST END	E	F ±.002	G ±.002	V	W MAX
05	.312	.479	.406	.125	.0375	.050	.090	.375	.476	.010-.025	.317
06	.375	.541	.468	.125	.0375	.050	.090	.437	.538	.010-.025	.379
08	.500	.686	.622	.130	.0375	.050	.090	.581	.682	.010-.025	.523
10	.625	.811	.747	.130	.0375	.050	.090	.706	.807	.010-.025	.648
12	.750	.991	.887	.165	.0425	.065	.125	.838	.987	.020-.040	.782
16	1.000	1.267	1.139	.205	.0425	.065	.165	1.060	1.263	.020-.040	.992
20	1.250	1.517	1.389	.205	.0425	.065	.165	1.310	1.513	.020-.040	1.252
24	1.500	1.787	1.639	.205	.0425	.065	.165	1.580	1.783	.020-.040	1.519
28	1.750	2.037	1.889	.205	.0425	.065	.165	1.830	2.033	.020-.040	1.769
32	2.000	2.310	2.142	.205	.0575	.080	.165	2.093	2.306	.020-.040	2.032
36	2.250	2.560	2.392	.205	.0575	.080	.165	2.345	2.556	.020-.040	2.282
40	2.500	2.810	2.642	.205	.0575	.080	.165	2.593	2.806	.020-.040	2.527
48	3.000	3.310	3.142	.205	.0575	.080	.165	3.093	3.306	.020-.040	3.025
56	3.500	3.822	3.642	.205	.0575	.080	.165	3.605	3.818	.020-.040	3.528
64	4.000	4.328	4.151	.205	.0725	.095	.165	4.114	4.324	.020-.040	4.037



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