

REV.
B

AS7511™

FEDERAL SUPPLY CLASS
4730

RATIONALE

REVISE DIAMETER "D" FOR NOMINAL SIZES .500, .625, AND .750 INCH TO ALLOW ADDITIONAL DIAMETRICAL CLEARANCE BASED ON PHYSICAL PART MEASUREMENTS.

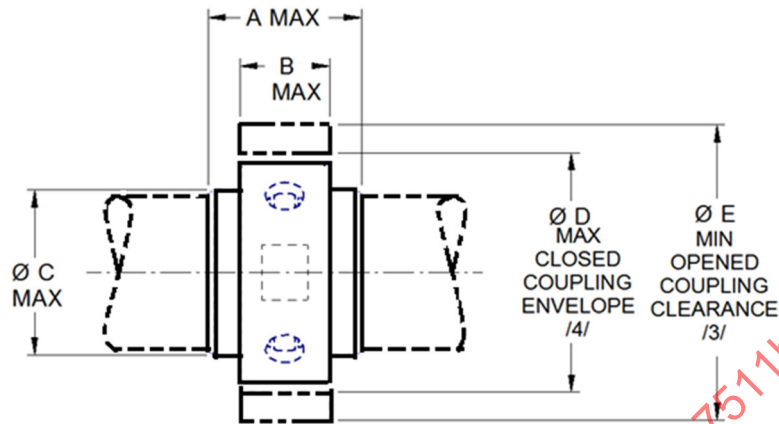


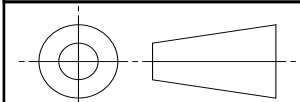
FIGURE 1 - ASSEMBLED COUPLING ENVELOPE

TABLE 1 - DIMENSIONS

BASIC NO. AS7511 SIZE CODE	NOM TUBE SIZE REF	A MAX (SWAGED FERRULES) /11/	A MAX (WELDED FERRULES) /11/	B MAX	ØC MAX /4/	ØD MAX /4/	ØE MIN /3/	/5/ AS568 O-RING SIZE DASH NO. REF
08	.500	1.76	2.35	.895	.641	2.01	3.200	-015
10	.625	1.76	2.35	.895	.766	2.08	3.300	-017
12	.750	1.86	2.48	1.019	.906	2.23	3.400	-117
16	1.000	1.96	2.56	1.107	1.158	2.45	4.000	-215
20	1.250	1.96	2.56	1.107	1.408	2.70	4.200	-218
24	1.500	2.08	2.56	1.107	1.658	2.98	4.700	-222
28	1.750	2.08	2.56	1.107	1.908	3.24	4.900	-224
32	2.000	2.14	2.62	1.161	2.161	3.52	5.200	-226
36	2.250	2.20	2.62	1.161	2.411	3.77	5.500	-228
40	2.500	2.20	2.63	1.171	2.661	4.03	5.800	-230
48	3.000	2.20	2.67	1.211	3.161	4.55	6.300	-234
56	3.500	2.29	2.82	1.301	3.661	5.09	6.800	-238
64	4.000	2.69	2.91	1.331	4.170	5.61	7.800	-242

For more information on this standard, visit
<https://www.sae.org/standards/content/AS7511B/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: AS7510



AEROSPACE STANDARD

ASSEMBLED COUPLING ENVELOPE, THREADLESS -
FLEXIBLE, FIXED CAVITY, CURRENT CARRYING,
SELF BONDING, ENVELOPE DIMENSIONS

AS7511™
SHEET 1 OF 2

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