

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.



PROCUREMENT SPECIFICATION: /3/ AS1730

AEROSPACE STANDARD

AS1732
SHEET 1 OF 4

REV.
D

AS1732		REV. D																
TABLE 1 - COUPLING BODY DIMENSIONS																		
BASIC NO. AS1732 CODE	TUBE SIZE	THREAD PER FED-STD-H28/2	A		B		C		D		E		F		G		H	
			+ .005/- .000	+ .005/- .000	+ .010/- .000	+ .000/- .010	+ .005/- .000	+ .005/- .000	+ .005/- .000	+ .005/- .000	+ .005/- .000	+ .005/- .000	+ .005/- .000	+ .005/- .000				
04	.250	.687-12 UN-2A	.680		.529		.480		.298		.233		.375		.254		.645	
05	.312	.750-12 UN-2A	.743		.580		.535		.353		.295		.437		.316		.645	
06	.375	.812-12 UN-2A	.805		.635		.590		.408		.358		.500		.379		.645	
08	.500	.937-12 UN-2A	.930		.762		.716		.534		.483		.625		.504		.645	
10	.625	1.062-12 UN-2A	1.055		.900		.850		.668		.609		.750		.630		.675	
12	.750	1.250-12 UNF-2A	1.243		1.033		.984		.802		.734		.890		.755		.675	
16	1.000	1.500-12 UNF-2A	1.493		1.284		1.235		1.053		.984		1.142		1.005		.675	
20	1.250	1.750-12 UN-2A	1.743		1.534		1.485		1.303		1.235		1.392		1.256		.675	
24	1.500	2.000-12 UN-2A	1.993		1.783		1.735		1.553		1.480		1.642		1.506		.760	
28	1.750	2.250-12 UN-2A	2.243		2.045		1.965		1.783		1.730		1.895		1.756		.760	
32	2.000	2.500-12 UN-2A	2.493		2.292		2.235		2.053		1.981		2.145		2.006		.760	
36	2.250	2.750-12 UN-2A	2.743		2.545		2.485		2.283		2.231		2.395		2.257		.760	
40	2.500	3.000-12 UN-2A	2.993		2.800		2.713		2.531		2.481		2.645		2.507		.760	
44	2.750	3.250-12 UN-2A	3.243		3.045		2.961		2.781		2.731		2.895		2.757		.760	
48	3.000	3.625-12 UN-2A	3.618		3.395		3.340		3.158		2.979		3.145		3.007		.705	
56	3.500	4.125-12 UN-2A	4.118		3.895		3.840		3.658		3.479		3.645		3.509		.705	
64	4.000	4.625-12 /10/	4.603		4.395		4.340		4.158		3.979		4.155		4.009		.705	
72	4.500	5.125-12 /10/	5.103		4.895		4.840		4.658		4.479		4.655		4.509		.884	
80	5.000	5.625-12 /10/	5.602		5.378		5.325		5.143		4.979		5.155		5.009		.868	



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AEROSPACE STANDARD

BODY, COUPLING, RIGID, FIXED CAVITY, THREADED,
FERRULE TYPE TUBE ENDS, TYPE I

AS1732

SHEET 2 OF 4

REV.

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TABLE 2 - COUPLING BODY DIMENSIONS AND DESIGN INFORMATION

BASIC NO. AS1732 SIZE CODE	J	K LENGTH	K TOL	M	N PLACES	P PLACES	S LENGTH	S TOL	W	O-RING DASH NO /11/	WEIGHT LB/EA MAX
04	.234	.090	+ .005/- .000	.045	4	5	.127	+ .020/- .010	.008/.010	012	.007
05	.234	.090	+ .005/- .000	.045	4	5	.127	+ .020/- .010	.008/.010	013	.008
06	.234	.090	+ .005/- .000	.045	4	5	.127	+ .020/- .010	.008/.010	014	.010
08	.234	.090	+ .005/- .000	.045	4	5	.127	+ .020/- .010	.008/.010	016	.013
10	.250	.100	± .010	.045	4	5	.150	± .015	.008/.010	018	.016
12	.250	.100	± .010	.045	4	5	.150	± .015	.008/.010	020	.021
16	.250	.100	± .010	.045	4	5	.150	± .015	.008/.010	024	.027
20	.250	.100	± .010	.045	4	5	.150	± .015	.008/.010	028	.033
24	.250	.100	± .010	.045	5	6	.150	± .015	.008/.010	030	.041
28	.250	.100	± .010	.075	5	6	.125	+ .020/- .010	.008/.010	032	.045
32	.250	.105	± .010	.075	5	6	.125	+ .020/- .010	.008/.010	034	.050
36	.279	.110	± .010	.075	5	6	.125	+ .020/- .010	.008/.010	036	.064
40	.279	.110	± .010	.075	5	6	.125	+ .020/- .010	.008/.010	038	.072
44	.279	.110	± .010	.075	5	6	.125	+ .020/- .010	.008/.010	040	.081
48	.309	.060	± .010	.075	5	6	.125	+ .020/- .010	.008/.010	042	.089
56	.309	.060	± .010	.075	5	6	.125	+ .020/- .010	.014/.016	044	.101
64	.309	.100	± .010	.075	4	5	.142	± .015	.014/.016	046	.116
72	.409	.100	± .010	.075	6	7	.151	+ .020/- .010	.020/.024	048	.177
80	.409	.100	± .010	.075	6	7	.135	+ .020/- .010	.020/.024	050	.195