

RATIONALE

FEDERAL SUPPLY CLASS
4730

AS1720B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

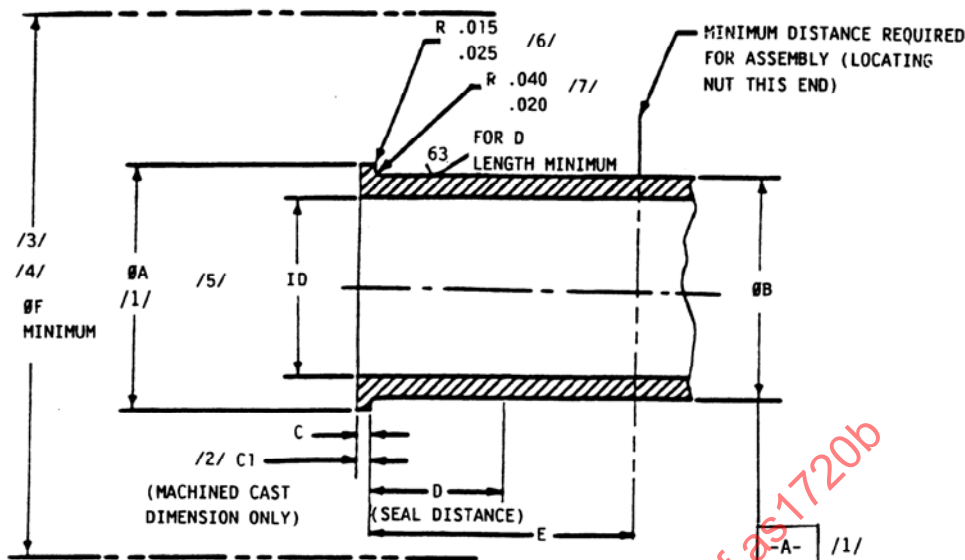


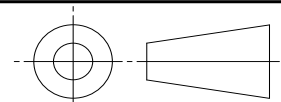
FIGURE 1

TABLE 1 - FERRULE END DIMENSIONS

AS1720 DASH NO	TUBE OD	A	B	C	C1 /8/	D	E	F
-8	.50	.689/.683	.625/.620	.040/.030	.055/.045	.555	.903	3.15
-10	.62	.814/.808	.750/.745	.040/.030	.055/.045	.555	.903	3.25
-12	.75	.994/.984	.891/.885	.045/.035	.070/.060	.555	.933	3.50
-16	1.00	1.270/1.260	1.142/1.137	.045/.035	.070/.060	.579	.933	3.81
-20	1.25	1.520/1.510	1.392/1.387	.045/.035	.070/.060	.579	.933	4.00
-24	1.50	1.790/1.780	1.642/1.637	.045/.035	.070/.060	.685	1.005	4.50
-28	1.75	2.040/2.030	1.892/1.887	.045/.035	.070/.060	.685	1.005	4.62
-32	2.00	2.313/2.303	2.145/2.140	.065/.055	.085/.075	.685	1.036	5.00
-36	2.25	2.563/2.553	2.395/2.390	.065/.055	.085/.075	.692	1.036	5.31
-40	2.50	2.813/2.803	2.645/2.640	.065/.055	.085/.075	.692	1.036	5.43
-44	2.75	3.063/3.053	2.895/2.890	.065/.055	.085/.075	.692	1.036	5.68
-48	3.00	3.313/3.303	3.145/3.140	.065/.055	.085/.075	.692	1.036	6.00
-56	3.50	3.825/3.815	3.645/3.640	.065/.055	.085/.075	.722	1.036	6.43
-64	4.00	4.334/4.324	4.154/4.149	.065/.055	.110/.100	.722	1.061	7.00
-72	4.50	4.835/4.825	4.655/4.650	.065/.055	.110/.100	.770	1.127	7.68
-80	5.00	5.335/5.325	5.155/5.150	.080/.070	.110/.100	.966	1.161	8.18
-88	5.50	5.835/5.825	5.655/5.650	.080/.070	.110/.100	.966	1.194	8.56

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS1720B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: /2/ AS1710

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

FITTING END, COUPLING, FLEXIBLE
VARIABLE CAVITY THREADED,
FERRULE TYPE DESIGN STANDARD

SAE AS1720
SHEET 1 OF 2

REV. B