

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV.
A

SAE AS3257

FEDERAL SUPPLY CLASS
5340

RATIONALE

AS3257A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

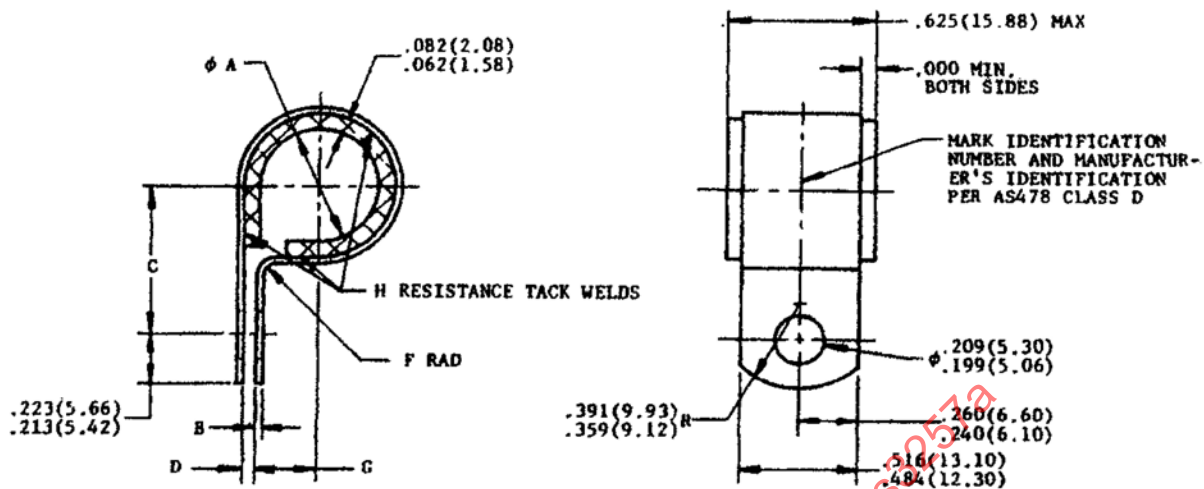
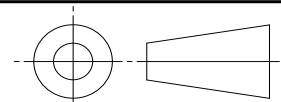


FIGURE 1

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3257A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3E

PROCUREMENT SPECIFICATION: /2/ AS1553

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

CLAMP, LOOP-CUSHIONED,
CRES, HIGH TEMP.,
.204 HOLE

SAE AS3257
SHEET 1 OF 4

REV.
A

TABLE 1

IDENTIFICATION NUMBER	A DIA NOM TUBE OD		B		C		D	
	IN	(MM)	IN	(MM)	IN	(MM)	IN	(MM)
AS3257-01	.188	4.78	.026-.036	0.67-0.91	.488- .509	12.40-12.92	.062-.078	1.58-1.98
AS3257-02	.250	6.35	.026-.036	0.67-0.91	.519- .539	13.19-13.69	.062-.078	1.58-1.98
AS3257-03	.312	7.92	.026-.036	0.67-0.91	.550- .570	13.97-14.47	.062-.078	1.58-1.98
AS3257-04	.375	9.52	.026-.036	0.67-0.91	.582- .602	14.79-15.29	.062-.078	1.58-1.98
AS3257-05	.438	11.13	.026-.036	0.67-0.91	.613- .633	15.58-16.07	.062-.078	1.58-1.98
AS3257-06	.500	12.70	.026-.036	0.67-0.91	.644- .664	16.36-16.86	.062-.078	1.58-1.98
AS3257-07	.562	14.27	.046-.056	1.17-1.42	.742- .762	18.85-19.35	.062-.078	1.58-1.98
AS3257-08	.625	15.88	.046-.056	1.17-1.42	.773- .793	19.64-20.14	.062-.078	1.58-1.98
AS3257-09	.656	16.66	.046-.056	1.17-1.42	.788- .808	20.02-20.52	.062-.078	1.58-1.98
AS3257-10	.688	17.48	.046-.056	1.17-1.42	.804- .824	20.43-20.92	.062-.078	1.58-1.98
AS3257-11	.750	19.05	.046-.056	1.17-1.42	.835- .855	21.21-21.71	.062-.078	1.58-1.98
AS3257-12	.781	19.84	.046-.056	1.17-1.42	.852- .872	21.65-22.14	.062-.078	1.58-1.98
AS3257-13	.812	20.62	.046-.056	1.17-1.42	.867- .887	22.03-22.52	.062-.078	1.58-1.98
AS3257-14	.875	22.23	.046-.056	1.17-1.42	.898- .918	22.81-23.31	.062-.078	1.58-1.98
AS3257-15	.938	23.83	.046-.056	1.17-1.42	.929- .949	23.60-24.10	.062-.078	1.58-1.98
AS3257-16	1.000	25.40	.046-.056	1.17-1.42	.960- .980	24.39-24.89	.062-.078	1.58-1.98
AS3257-17	1.031	26.19	.046-.056	1.17-1.42	.976- .996	24.80-25.29	.062-.078	1.58-1.98
AS3257-18	1.062	26.97	.046-.056	1.17-1.42	.992-1.012	25.20-25.70	.094-.110	1.58-1.98
AS3257-19	1.094	27.79	.059-.069	1.50-1.75	1.036-1.056	26.32-26.83	.094-.110	2.39-2.79
AS3257-20	1.125	28.58	.059-.069	1.50-1.75	1.052-1.072	26.73-27.22	.094-.110	2.39-2.79
AS3257-21	1.188	30.18	.059-.069	1.50-1.75	1.083-1.103	27.51-28.01	.094-.110	2.39-2.79
AS3257-22	1.250	31.75	.059-.069	1.50-1.75	1.115-1.135	28.33-28.82	.094-.110	2.39-2.79
AS3257-23	1.312	33.32	.059-.069	1.50-1.75	1.146-1.166	29.11-29.61	.094-.110	2.39-2.79
AS3257-24	1.344	34.14	.059-.069	1.50-1.75	1.161-1.181	24.49-29.99	.094-.110	2.39-2.79
AS3257-25	1.375	34.92	.059-.069	1.50-1.75	1.178-1.198	29.93-30.42	.094-.110	2.39-2.79
AS3257-26	1.438	36.52	.059-.069	1.50-1.75	1.209-1.229	30.71-31.21	.094-.110	2.39-2.79
AS3257-27	1.500	38.10	.059-.069	1.50-1.75	1.240-1.260	31.50-32.00	.094-.110	2.39-2.79
AS3257-28	1.546	39.27	.059-.069	1.50-1.75	1.263-1.283	32.09-32.58	.094-.110	2.39-2.79
AS3257-29	1.625	41.28	.059-.069	1.50-1.75	1.302-1.322	33.08-33.57	.094-.125	2.39-2.79
AS3257-30	1.750	44.45	.059-.069	1.50-1.75	1.365-1.385	34.68-35.17	.094-.125	2.39-2.79
AS3257-31	1.875	47.62	.059-.069	1.50-1.75	1.428-1.448	36.28-36.77	.094-.125	2.39-2.79
AS3257-32	2.000	50.80	.059-.069	1.50-1.75	1.490-1.510	37.85-38.35	.094-.125	2.39-2.79
AS3257-33	2.062	52.38	.059-.069	1.50-1.75	1.521-1.541	38.64-39.14	.125-.156	3.18-3.96

TABLE 1 (CONTINUED)

IDENTIFICATION NUMBER	A DIA NOM TUBE OD IN	F		G REF		H	APPROX MASS	
		IN	(MM)	IN	(MM)		LB/100	KG/100
AS3257-01	.188	.046-.078	1.17-1.98	.094	2.39	2	1.00	.45
AS3257-02	.250	.046-.078	1.17-1.98	.125	3.18	2	1.20	.54
AS3257-03	.312	.046-.078	1.17-1.98	.156	3.96	2	1.30	.58
AS3257-04	.375	.046-.078	1.17-1.98	.188	4.78	2	1.50	.68
AS3257-05	.438	.046-.078	1.17-1.98	.219	5.56	2	1.60	.72
AS3257-06	.500	.046-.078	1.17-1.98	.250	6.35	3	1.70	.77
AS3257-07	.562	.093-.125	1.17-1.98	.281	7.14	3	2.80	1.27
AS3257-08	.625	.093-.125	1.17-1.98	.312	7.92	3	3.00	1.36
AS3257-09	.656	.093-.125	1.17-1.98	.328	8.33	3	3.10	1.40
AS3257-10	.688	.093-.125	2.37-3.17	.344	8.74	3	3.20	1.45
AS3257-11	.750	.093-.125	2.37-3.17	.375	9.52	3	3.40	1.54
AS3257-12	.781	.093-.125	2.37-3.17	.391	9.93	3	3.50	1.58
AS3257-13	.812	.093-.125	2.37-3.17	.406	10.31	4	3.70	1.67
AS3257-14	.875	.093-.125	2.37-3.17	.438	11.13	4	3.90	1.77
AS3257-15	.938	.093-.125	2.37-3.17	.469	11.91	4	4.10	1.85
AS3257-16	1.000	.093-.125	2.37-3.17	.500	12.70	4	4.20	1.90
AS3257-17	1.031	.093-.125	2.37-3.17	.516	13.11	4	4.40	1.99
AS3257-18	1.062	.093-.125	2.37-3.17	.531	13.49	4	4.60	2.08
AS3257-19	1.094	.109-.141	2.37-3.17	.516	13.11	4	5.10	2.31
AS3257-20	1.125	.109-.141	2.37-3.17	.531	13.49	4	5.60	2.54
AS3257-21	1.188	.109-.141	2.37-3.17	.562	14.27	5	5.80	2.63
AS3257-22	1.250	.109-.141	2.77-3.58	.594	15.09	5	6.10	2.76
AS3257-23	1.312	.109-.141	2.77-3.58	.625	15.88	5	6.30	2.85
AS3257-24	1.344	.109-.141	2.77-3.58	.640	16.26	5	6.40	2.90
AS3257-25	1.375	.109-.141	2.77-3.58	.656	16.66	5	6.50	2.98
AS3257-26	1.438	.109-.141	2.77-3.58	.688	17.48	6	6.70	3.03
AS3257-27	1.500	.109-.141	2.77-3.58	.719	18.26	6	7.00	3.17
AS3257-28	1.546	.109-.141	2.77-3.58	.742	18.85	6	7.20	3.26
AS3257-29	1.625	.109-.141	2.77-3.58	.781	19.84	6	7.40	3.35
AS3257-30	1.750	.109-.141	2.77-3.58	.844	21.44	6	7.80	3.53
AS3257-31	1.875	.109-.141	2.77-3.58	.906	23.01	6	8.20	3.71
AS3257-32	2.000	.109-.141	2.77-3.58	.968	24.59	8	8.60	3.90
AS3257-33	2.062	.109-.141	2.77-3.58	.954	24.23	8	9.00	4.08