

REV.
A

SAE AS9349

RATIONALE

FIGURE REDRAWN TO MAKE READABLE, TABLE 1 REDRAWN TO SHOW PART NUMBERS AND TOLERANCES, MATERIAL FOR CUSHION CHANGED, PREVIOUS MATERIAL SUPERSEDED, NOTES REVISED TO CONFORM TO LATEST REQUIREMENTS.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9349 REV B. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS. REQUIREMENTS RELATING TO QPLS HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

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.

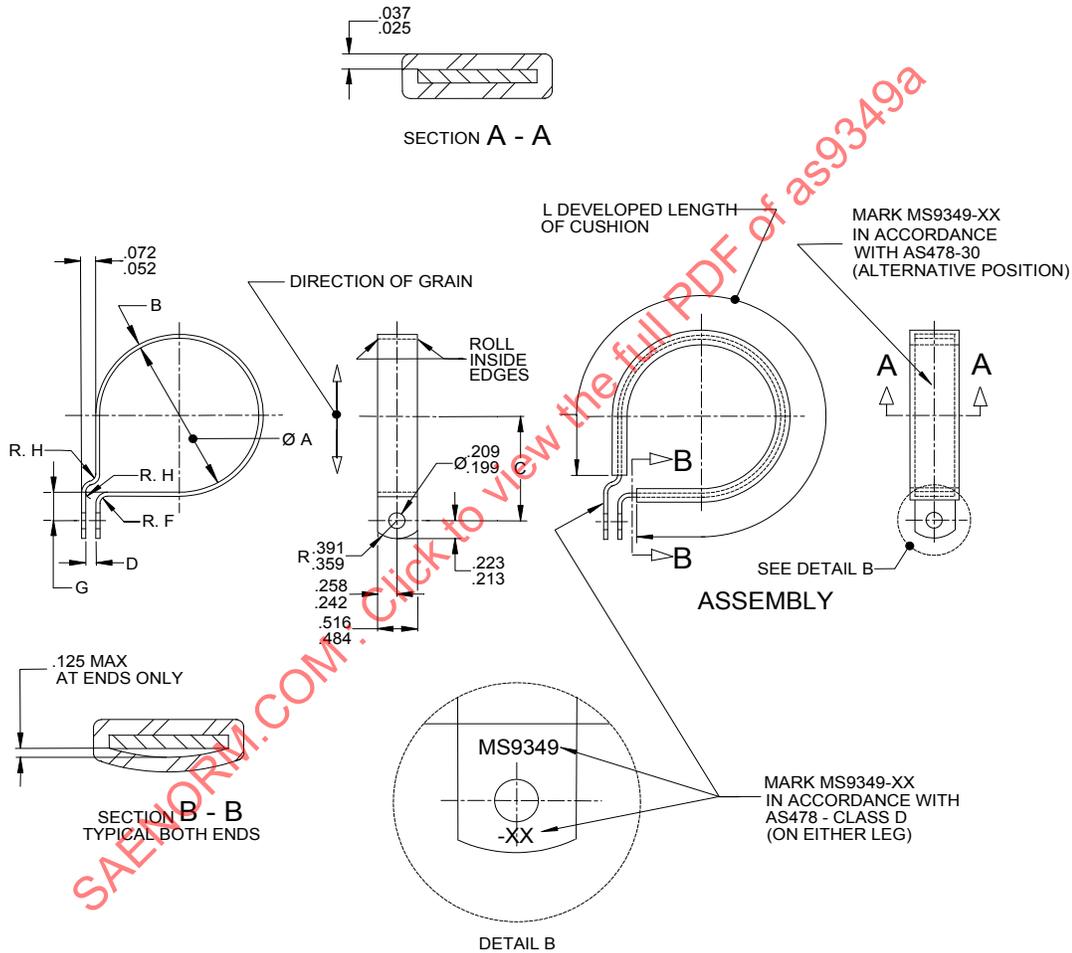
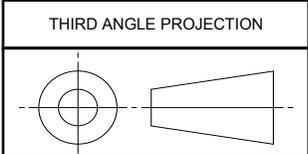


FIGURE 1

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS9349A>



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) CLAMP, LOOP, CUSHIONED, JOGGLED, CRES, .204 HOLE

SAE AS9349
SHEET 1 OF 4

REV. A

TABLE 1A - PART NUMBERS AND DIMENSIONS A TO F

PART NUMBER	TUBE OUTSIDE DIAMETER NOMINAL	Ø A BASIC	B	C	D	F RADIUS
MS9349-01	.125	.188	.025 - .037	.413 - .433	.125 - .141	.046 - .078
MS9349-02	.188	.250	.025 - .037	.447 - .467	.125 - .141	.046 - .078
MS9349-03	.250	.312	.025 - .037	.488 - .508	.125 - .141	.046 - .078
MS9349-04	.312	.375	.025 - .037	.519 - .539	.125 - .141	.046 - .078
MS9349-05	.375	.438	.025 - .037	.550 - .570	.125 - .141	.046 - .078
MS9349-06	.438	.500	.025 - .037	.582 - .602	.125 - .141	.046 - .078
MS9349-07	.500	.562	.025 - .037	.613 - .633	.125 - .141	.046 - .078
MS9349-08	.562	.625	.025 - .037	.644 - .664	.125 - .141	.046 - .078
MS9349-09	.625	.688	.045 - .057	.742 - .762	.125 - .141	.093 - .125
MS9349-10	.688	.750	.045 - .057	.773 - .793	.125 - .141	.093 - .125
MS9349-11	.750	.812	.045 - .057	.804 - .824	.125 - .141	.093 - .125
MS9349-12	.812	.875	.045 - .057	.835 - .855	.125 - .141	.093 - .125
MS9349-13	.875	.938	.045 - .057	.867 - .887	.125 - .141	.093 - .125
MS9349-14	.938	1.000	.045 - .057	.898 - .918	.125 - .141	.093 - .125
MS9349-15	1.000	1.062	.045 - .057	.929 - .949	.125 - .141	.093 - .125
MS9349-16	1.062	1.125	.045 - .057	.960 - .980	.125 - .141	.093 - .125
MS9349-17	1.125	1.188	.045 - .057	.992 - 1.112	.125 - .141	.093 - .125
MS9349-18	1.188	1.250	.058 - .070	1.052 - 1.072	.156 - .172	.109 - .141
MS9349-19	1.250	1.312	.058 - .070	1.083 - 1.103	.156 - .172	.109 - .141
MS9349-20	1.312	1.375	.058 - .070	1.115 - 1.135	.156 - .172	.109 - .141
MS9349-21	1.375	1.438	.058 - .070	1.146 - 1.166	.156 - .172	.109 - .141
MS9349-22	1.438	1.500	.058 - .070	1.178 - 1.198	.156 - .172	.109 - .141
MS9349-23	1.500	1.562	.058 - .070	1.209 - 1.229	.156 - .172	.109 - .141
MS9349-24	1.562	1.625	.058 - .070	1.240 - 1.260	.156 - .172	.109 - .141
MS9349-25	1.625	1.688	.058 - .070	1.271 - 1.291	.156 - .172	.109 - .141
MS9349-26	1.688	1.750	.058 - .070	1.302 - 1.322	.156 - .188	.109 - .141
MS9349-27	1.750	1.812	.058 - .070	1.334 - 1.354	.156 - .188	.109 - .141
MS9349-28	1.812	1.875	.058 - .070	1.365 - 1.385	.156 - .188	.109 - .141
MS9349-29	1.875	1.938	.058 - .070	1.396 - 1.416	.156 - .188	.109 - .141
MS9349-30	1.938	2.000	.058 - .070	1.428 - 1.448	.156 - .188	.109 - .141
MS9349-31	2.000	2.062	.058 - .070	1.459 - 1.479	.156 - .188	.109 - .141

TABLE 1B - PART NUMBERS AND DIMENSIONS G TO APPROX WEIGHT

PART NUMBER	TUBE OUTSIDE DIAMETER NOMINAL	G	H RADIUS	L	APPROX WEIGHT LB/100
MS9349-01	.125	.296 - .328	.046 - .078	.505 - .545	.81
MS9349-02	.188	.296 - .328	.046 - .078	.679 - .719	.95
MS9349-03	.250	.296 - .328	.046 - .078	.908 - .948	1.12
MS9349-04	.312	.296 - .328	.046 - .078	1.097 - 1.137	1.27
MS9349-05	.375	.296 - .328	.046 - .078	1.306 - 1.346	1.41
MS9349-06	.438	.296 - .328	.046 - .078	1.515 - 1.555	1.56
MS9349-07	.500	.296 - .328	.046 - .078	1.724 - 1.764	1.72
MS9349-08	.562	.296 - .328	.046 - .078	1.930 - 1.970	1.86
MS9349-09	.625	.359 - .391	.078 - .110	2.092 - 2.132	3.07
MS9349-10	.688	.359 - .391	.078 - .110	2.299 - 2.339	3.28
MS9349-11	.750	.359 - .391	.078 - .110	2.506 - 2.546	3.49
MS9349-12	.812	.359 - .391	.078 - .110	2.721 - 2.761	3.71
MS9349-13	.875	.359 - .391	.078 - .110	2.929 - 2.969	3.93
MS9349-14	.938	.359 - .391	.078 - .110	3.136 - 3.176	4.13
MS9349-15	1.000	.359 - .391	.078 - .110	3.343 - 3.383	4.35
MS9349-16	1.062	.359 - .391	.078 - .110	3.555 - 3.595	4.56
MS9349-17	1.125	.359 - .391	.078 - .110	3.769 - 3.809	4.78
MS9349-18	1.188	.390 - .422	.109 - .141	3.914 - 3.954	6.04
MS9349-19	1.250	.390 - .422	.109 - .141	4.125 - 4.165	6.30
MS9349-20	1.312	.390 - .422	.109 - .141	4.339 - 4.379	6.56
MS9349-21	1.375	.390 - .422	.109 - .141	4.551 - 4.591	6.81
MS9349-22	1.438	.390 - .422	.109 - .141	4.754 - 4.794	7.07
MS9349-23	1.500	.390 - .422	.109 - .141	5.066 - 5.106	7.44
MS9349-24	1.562	.390 - .422	.109 - .141	5.173 - 5.213	7.57
MS9349-25	1.625	.390 - .422	.109 - .141	5.386 - 5.426	7.83
MS9349-26	1.688	.390 - .422	.109 - .141	5.585 - 5.625	8.06
MS9349-27	1.750	.390 - .422	.109 - .141	5.798 - 5.838	8.32
MS9349-28	1.812	.390 - .422	.109 - .141	6.011 - 6.051	8.58
MS9349-29	1.875	.390 - .422	.109 - .141	6.223 - 6.263	8.85
MS9349-30	1.938	.390 - .422	.109 - .141	6.436 - 6.476	9.10
MS9349-31	2.000	.390 - .422	.109 - .141	6.643 - 6.683	9.34