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**AS9843**

FEDERAL SUPPLY CLASS  
5315

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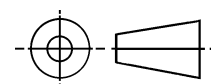
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THIRD ANGLE PROJECTION



ISSUED 1998-10 REAFFIRMED 2003-10

PREPARED BY COMMITTEE E-25

PROCUREMENT SPECIFICATION: NONE

**SAE Aerospace**  
An SAE International Group

## AEROSPACE STANDARD

PIN, STRAIGHT, HEADED,  
.1249 DIAMETER,  
AMS 5616

**AS9843**  
SHEET 1 OF 3

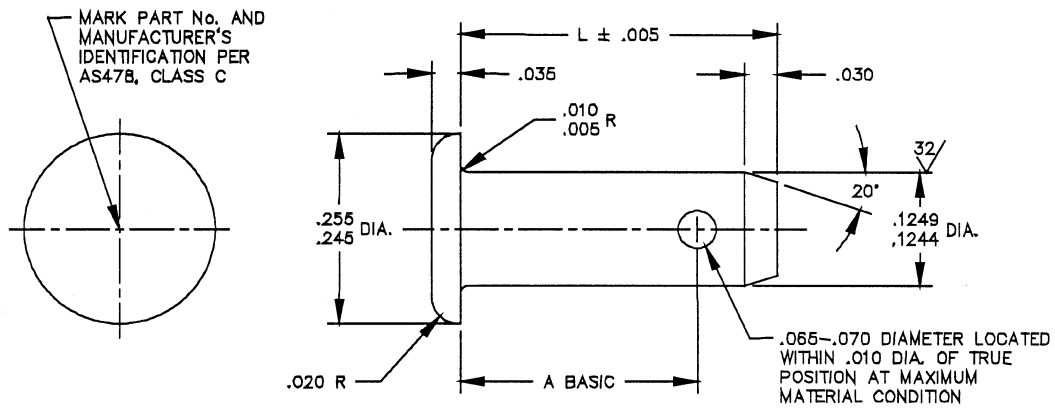


FIGURE 1

TABLE 1

PART NO.	A	L	APPROX WEIGHT LB/100	PART NO.	A	L	APPROX WEIGHT LB/100	PART NO.	A	L	APPROX WEIGHT LB/100
MS9843-04	.253	.328	.150	MS9843-16	1.003	1.078	.410	MS9843-31	1.940	2.015	.740
MS9843-05	.315	.390	.170	MS9843-17	1.065	1.140	.430	MS9843-32	2.003	2.078	.760
MS9843-06	.378	.453	.190	MS9843-18	1.128	1.203	.450	MS9843-33	2.065	2.140	.780
MS9843-07	.440	.515	.210	MS9843-19	1.190	1.265	.470	MS9843-34	2.128	2.203	.800
MS9843-08	.503	.578	.240	MS9843-20	1.253	1.328	.500	MS9843-35	2.190	2.265	.820
MS9843-09	.565	.640	.260	MS9843-21	1.315	1.390	.520	MS9843-36	2.253	2.328	.850
MS9843-10	.628	.703	.280	MS9843-22	1.378	1.463	.540	MS9843-37	2.315	2.390	.870
MS9843-11	.690	.765	.300	MS9843-23	1.440	1.515	.560	MS9843-38	2.378	2.453	.890
MS9843-12	.753	.828	.320	MS9843-24	1.503	1.578	.580				
MS9843-13	.815	.890	.340	MS9843-25	1.565	1.640	.610				
MS9843-14	.878	.953	.370	MS9843-26	1.628	1.703	.630				
MS9843-15	.940	1.015	.390	MS9843-27	1.690	1.765	.650				
				MS9843-28	1.753	1.828	.670				
				MS9843-29	1.815	1.890	.690				
				MS9843-30	1.878	1.953	.720				

## NOTES:

1. MATERIAL: AMS 5616.
2. HARDNESS: ROCKWELL C45-50.
3. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
4. HEAD DIA. TO BE CONCENTRIC WITH SHANK DIA. WITHIN .003 FIR.
5. SURFACE TEXTURE: ASA B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES.
6. BREAK SHARP EDGES .003-.015.