

Full document details: [SAE AS9580](#)

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBR	L	K	APPROX MASS LB/100
MS9580-04	.865- .885	.113- .133	11.21	MS9580-34	3.615-3.635	2.190-2.250	26.68
MS9580-05	.928- .948	.113- .133	11.56	MS9580-35	3.740-3.760	2.315-2.375	27.39
MS9580-06	.990-1.010	.113- .133	11.91	MS9580-36	3.865-3.885	2.440-2.500	28.09
MS9580-07	1.052-1.072	.113- .133	12.26	MS9580-37	3.990-4.010	2.565-2.625	28.80
MS9580-08	1.115-1.135	.113- .133	12.61	MS9580-38	4.115-4.135	2.690-2.750	29.50
MS9580-09	1.178-1.198	.113- .133	12.96	MS9580-39	4.240-4.260	2.815-2.875	30.21
MS9580-10	1.240-1.260	.113- .133	13.31	MS9580-40	4.365-4.385	2.940-3.000	30.91
MS9580-11	1.302-1.322	.113- .133	13.66	MS9580-41	4.490-4.510	3.065-3.125	31.62
MS9580-12	1.365-1.385	.113- .133	14.01	MS9580-42	4.615-4.635	3.190-3.250	32.32
MS9580-13	1.428-1.448	.113- .133	14.36	MS9580-43	4.740-4.760	3.315-3.375	33.03
MS9580-14	1.490-1.510	.113- .133	14.71	MS9580-44	4.865-4.885	3.440-3.500	33.73
MS9580-15	1.552-1.572	.128- .188	15.06	MS9580-45	4.990-5.010	3.565-3.625	34.44
MS9580-16	1.615-1.635	.190- .250	15.41	MS9580-46	5.115-5.135	3.690-3.750	35.14
MS9580-17	1.678-1.698	.252- .312	15.76	MS9580-47	5.240-5.260	3.815-3.875	35.85
MS9580-18	1.740-1.760	.315- .375	16.11	MS9580-48	5.365-5.385	3.940-4.000	36.55
MS9580-19	1.802-1.822	.378- .438	16.46	MS9580-49	5.490-5.510	4.065-4.125	37.26
MS9580-20	1.865-1.885	.440- .500	16.81	MS9580-50	5.615-5.635	4.190-4.250	37.96
MS9580-21	1.990-2.010	.565- .625	17.51	MS9580-51	5.740-5.760	4.315-4.375	38.67
MS9580-22	2.115-2.135	.690- .750	18.21	MS9580-52	5.865-5.885	4.440-4.500	39.37
MS9580-23	2.240-2.260	.815- .875	18.93	MS9580-53	5.990-6.010	4.565-4.625	40.08
MS9580-24	2.365-2.385	.940-1.000	19.63	MS9580-54	1.928-1.948	.502- .562	17.16
MS9580-25	2.490-2.510	1.065-1.125	20.34				
MS9580-26	2.615-2.635	1.190-1.250	21.04				
MS9580-27	2.740-2.760	1.315-1.375	21.75				
MS9580-28	2.865-2.885	1.440-1.500	22.45				
MS9580-29	2.990-3.010	1.565-1.625	23.16				
MS9580-30	3.115-3.135	1.690-1.750	23.86				
MS9580-31	3.240-3.260	1.815-1.875	24.57				
MS9580-32	3.365-3.385	1.940-2.000	25.27				
MS9580-33	3.490-3.510	2.065-2.125	25.98				

NOTES:

- /1/ FOR PART NUMBERS MS980-04 THRU MS9580-23, DATUM Z (THREAD PD) SHALL REPLACE DATUM Y.
2. MATERIAL: CORROSION AND HEAT RESISTANT STEEL PER AMS5731 (COMPOSITION SIMILAR TO UNS S66286).
- /3/ PROCUREMENT SPECIFICATION: AS7477.
- /4/ COLD WORKING OF THE HEAD TO SHANK FILLET IS NOT REQUIRED ON DASH NUMBERS SIZES -14 AND SMALLER.
5. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M TYPE I, SENSITIVITY LEVEL 2 MIN BEFORE PLATING.
6. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
7. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONS ARE IN INCHES.
9. DIMENSIONING AND TOLERANCING PER ASME Y14.5-2018.
10. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

	AEROSPACE STANDARD	AS9580™ SHEET 2 OF 3 	
	BOLT, MACHINE - DOUBLE HEXAGON, EXTENDED WASHER HEAD, DRILLED, PD SHANK, UNS S66286, SILVER PLATED, .5625-18UNJF-3A		

