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REV.
B

**TABLE 1 - FOR SHORT SCREWS THREADED
TO THE HEAD, REFER TO MS9489**

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3099-11	.802-.822	.060	.182	.89
AS3099-12	.865-.885	.123	.245	.93
AS3099-13	.928-.948	.186	.308	.97
AS3099-14	.990-1.010	.248	.370	1.01
AS3099-15	1.052-1.072	.310	.432	1.05
AS3099-16	1.115-1.135	.373	.495	1.10
AS3099-17	1.178-1.198	.436	.558	1.14
AS3099-18	1.240-1.260	.489	.620	1.18
AS3099-19	1.302-1.322	.560	.682	1.22
AS3099-20	1.365-1.385	.623	.745	1.26
AS3099-21	1.428-1.448	.686	.808	1.30
AS3099-22	1.490-1.510	.748	.870	1.34
AS3099-23	1.552-1.572	.810	.932	1.38
AS3099-24	1.615-1.635	.873	.995	1.42
AS3099-25	1.678-1.698	.936	1.058	1.46
AS3099-26	1.740-1.760	.998	1.120	1.50
AS3099-27	1.802-1.822	1.060	1.182	1.54
AS3099-28	1.865-1.885	1.123	1.245	1.58
AS3099-29	1.928-1.948	1.186	1.308	1.62
AS3099-30	1.990-2.010	1.248	1.370	1.66
AS3099-31	2.115-2.135	1.373	1.495	1.75
AS3099-32	2.240-2.260	1.498	1.620	1.83
AS3099-33	2.365-2.385	1.623	1.745	1.91
AS3099-34	2.490-2.510	1.748	1.870	1.99
AS3099-35	2.615-2.635	1.873	1.995	2.07
AS3099-36	2.740-2.760	1.998	2.120	2.15
AS3099-37	2.865-2.885	2.123	2.245	2.24
AS3099-38	2.990-3.010	2.248	2.370	2.32
AS3099-39	3.115-3.135	2.373	2.495	2.40
AS3099-40	3.240-3.260	2.498	2.620	2.48
AS3099-41	3.365-3.385	2.623	2.745	2.58
AS3099-42	3.490-3.510	2.748	2.870	2.64
AS3099-43	3.615-3.635	2.873	2.995	2.72
AS3099-44	3.740-3.760	2.998	3.120	2.81
AS3099-45	3.865-3.885	3.123	3.245	2.89

NOTES:

- 1/ FOR PART NUMBERS AS3099-11 THROUGH AS3099-13, DATUM Z SHALL REPLACE DATUM Y.
2. MATERIAL: CORROSION-RESISTANT STEEL PER AMS5731 (COMPOSITION SIMILAR TO UNS S66286).
3. PROCUREMENT SPECIFICATION: AS7477.
4. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MINIMUM.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra, EXCEPT UPSET HEAD.
6. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, ANGULAR DIMENSIONS $\pm 5^\circ$.
8. DIMENSIONING AND TOLERANCING: ASME Y14.5-2018.
9. DO NOT USE UNASSIGNED PART NUMBERS.

	AEROSPACE STANDARD	AS3099™ SHEET 2 OF 3	REV. B
	BOLT, MACHINE - HEXAGON HEAD, PD SHANK, CORROSION AND HEAT RESISTANT STEEL UNS S66286 .1900-32UNJF-3A		