FEDERAL SUPPLY CLASS
5306

RATIONALE

COMPLETELY REVISED AND REDRAWN. ADD CHANGES TO ALLOW OPTIONAL SHAPE AT BOTTOM OF LIGHTENING HOLE, ADD EXCEPTION TO EDGE DISTANCE REQUIREMENTS FOR HEADING MARKING, ADD DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982, UPDATE THREAD SPECIFICATION TO AS8879, UPDATE SURFACE FINISH REQUIREMENTS, ADD AS3062 AND DELETE NOTE ON FILLET FOR INCOMPLETE THREAD REQUIREMENTS, ADD REQUIREMENT FOR SURFACE TEXTURE SYMBOLS, ADD MIN. BEARING FACE DIAMETER, ADD DATUM REQUIREMENTS FOR -03 THRU -14 LENGTHS (NEW NOTE 1), UPDATE MAGNETIC PARTICLE INSPECTION REFERENCE, AND UPDATE NOTICE, FORMATS, TABLE AND NOTES.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9914(ASG). THIS SAE STANDARD RETAINS 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 QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

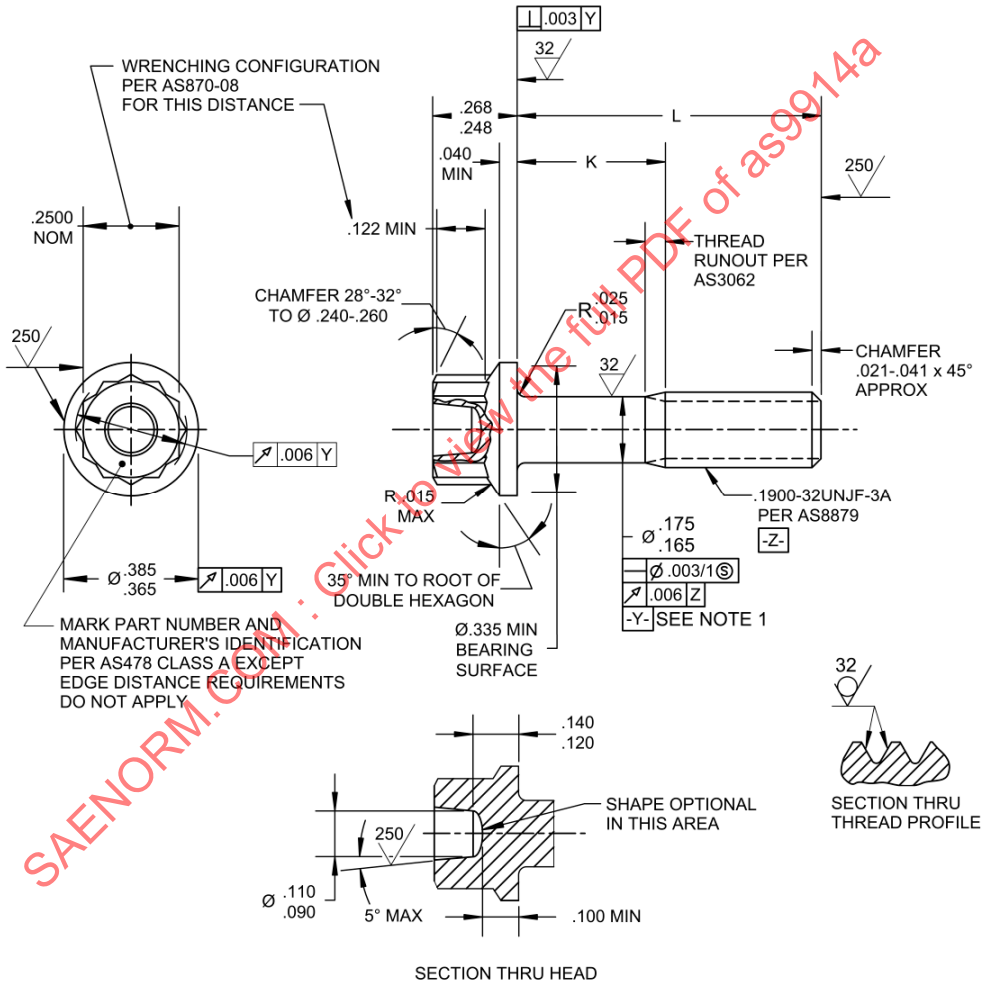
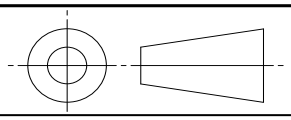


FIGURE 1 - BOLT

SAE values your input. To provide feedback on this Technical Report, please visit
http://www.sae.org/technical/standards/AS9914A

THIRD ANGLE PROJECTION



ISSUED 1998-05 REAFFIRMED 2005-05 REVISED 2011-11

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, STEEL AMS6322, CADMIUM PLATED, .190-32 UNJF-3A

SAE AS9914

REV. A

TABLE 1 – DASH NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX WEIGHT LB/100
MS9914-03	.302-.322	.072-.092	.65
MS9914-04	.365-.385	.072-.092	.69
MS9914-05	.428-.448	.072-.092	.73
MS9914-06	.490-.510	.072-.092	.77
MS9914-07	.552-.572	.072-.092	.81
MS9914-08	.615-.635	.072-.092	.85
MS9914-09	.678-.698	.072-.092	.89
MS9914-10	.740-.760	.072-.120	.93
MS9914-11	.802-.822	.122-.182	.97
MS9914-12	.865-.885	.185-.245	1.01
MS9914-13	.928-.948	.248-.308	1.05
MS9914-14	.990-1.010	.310-.370	1.09
MS9914-15	1.052-1.072	.372-.432	1.13
MS9914-16	1.115-1.135	.435-.495	1.17
MS9914-17	1.178-1.198	.498-.558	1.21
MS9914-18	1.240-1.260	.560-.620	1.25
MS9914-19	1.302-1.322	.622-.682	1.29
MS9914-20	1.365-1.385	.685-.745	1.33
MS9914-21	1.428-1.448	.748-.808	1.38
MS9914-22	1.490-1.510	.810-.870	1.42
MS9914-23	1.552-1.572	.872-.932	1.45
MS9914-24	1.615-1.635	.935-.995	1.50
MS9914-25	1.678-1.698	.998-1.058	1.54
MS9914-26	1.740-1.760	1.060-1.120	1.56
MS9914-27	1.802-1.822	1.122-1.182	1.61
MS9914-28	1.865-1.885	1.185-1.245	1.66
MS9914-29	1.928-1.948	1.248-1.308	1.70
MS9914-30	1.990-2.010	1.310-1.370	1.74
MS9914-31	2.115-2.135	1.435-1.495	1.82
MS9914-32	2.240-2.260	1.560-1.620	1.90
MS9914-33	2.365-2.385	1.685-1.745	1.98
MS9914-34	2.490-2.510	1.810-1.870	2.06
MS9914-35	2.615-2.635	1.935-1.995	2.14
MS9914-36	2.740-2.760	2.060-2.120	2.22
MS9914-37	2.865-2.885	2.185-2.245	2.30
MS9914-38	2.990-3.010	2.310-2.370	2.38
MS9914-39	3.115-3.135	2.435-2.495	2.46
MS9914-40	3.240-3.260	2.560-2.620	2.54
MS9914-41	3.365-3.385	2.685-2.745	2.62
MS9914-42	3.490-3.510	2.810-2.870	2.70
MS9914-43	3.615-3.635	2.935-2.995	2.78
MS9914-44	3.740-3.760	3.060-3.120	2.86
MS9914-45	3.865-3.885	3.185-3.245	2.94