

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL'S) 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.

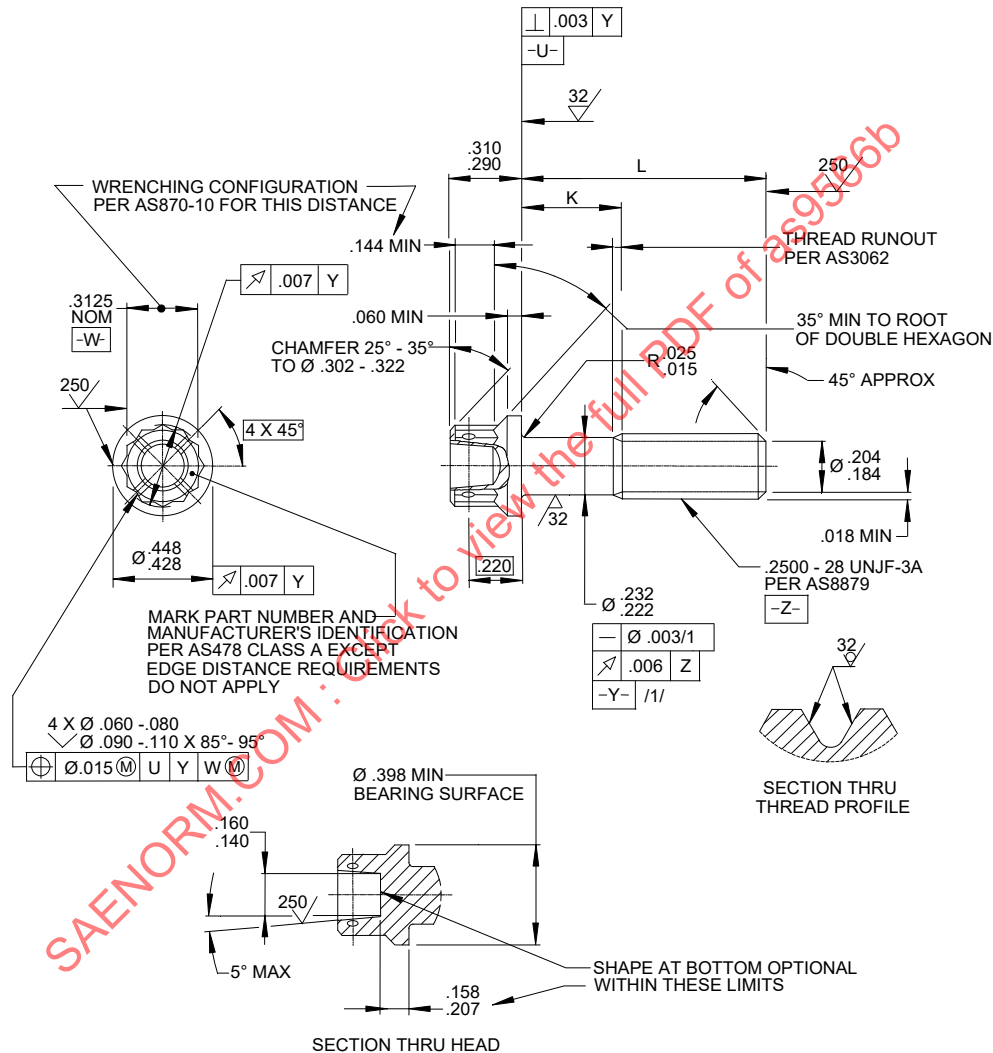
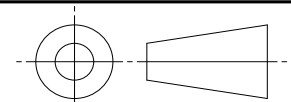


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9566B/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



AEROSPACE STANDARD

(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, DRILLED, PD SHANK, CRES
UNS S66286, 130 KSI MIN .2500-28 UNJF-3A

AS9566™
SHEET 1 OF 3

REV.
B

TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX MASS LB/100
MS9566-04	.365- .385	.079- .099	1.14
MS9566-05	.428- .448	.079- .099	1.21
MS9566-06	.490- .510	.079- .099	1.29
MS9566-07	.552- .572	.079- .099	1.36
MS9566-08	.615- .635	.079- .099	1.44
MS9566-09	.678- .698	.079- .099	1.51
MS9566-10	.740- .760	.079- .099	1.58
MS9566-11	.802- .822	.079- .099	1.65
MS9566-12	.865- .885	.079- .125	1.72
MS9566-13	.928- .948	.128- .188	1.79
MS9566-14	.990-1.010	.190- .250	1.86
MS9566-15	1.052-1.072	.252- .312	1.93
MS9566-16	1.115-1.135	.315- .375	2.00
MS9566-17	1.178-1.198	.378- .438	2.08
MS9566-18	1.240-1.260	.440- .500	2.15
MS9566-19	1.302-1.322	.502- .562	2.22
MS9566-20	1.365-1.385	.565- .625	2.29
MS9566-21	1.428-1.448	.628- .688	2.36
MS9566-22	1.490-1.510	.690- .750	2.43
MS9566-23	1.552-1.572	.752- .812	2.50
MS9566-24	1.615-1.635	.815- .875	2.57
MS9566-25	1.678-1.698	.878- .938	2.64
MS9566-26	1.740-1.760	.940-1.000	2.72
MS9566-27	1.865-1.885	1.065-1.125	2.86
MS9566-28	1.990-2.010	1.190-1.250	3.00
MS9566-29	2.115-2.135	1.315-1.375	3.14
MS9566-30	2.240-2.260	1.440-1.500	3.29
MS9566-31	2.365-2.385	1.565-1.625	3.43
MS9566-32	2.490-2.510	1.690-1.750	3.57
MS9566-33	2.615-2.635	1.815-1.875	3.71

PART NUMBER	L	K	APPROX MASS LB/100
MS9566-34	2.740-2.760	1.940-2.000	3.85
MS9566-35	2.865-2.885	2.065-2.125	4.00
MS9566-36	2.990-3.010	2.190-2.250	4.14
MS9566-37	3.115-3.135	2.315-2.375	4.29
MS9566-38	3.240-3.260	2.440-2.500	4.43
MS9566-39	3.365-3.385	2.565-2.625	4.58
MS9566-40	3.490-3.510	2.690-2.750	4.72
MS9566-41	3.615-3.635	2.815-2.875	4.85
MS9566-42	3.740-3.760	2.940-3.000	4.99
MS9566-43	3.865-3.885	3.065-3.125	5.13
MS9566-44	3.990-4.010	3.190-3.250	5.27
MS9566-45	4.115-4.135	3.315-3.375	5.42
MS9566-46	4.240-4.260	3.440-3.500	5.56
MS9566-47	4.365-4.385	3.565-3.625	5.71
MS9566-48	4.490-4.510	3.690-3.750	5.85
MS9566-49	4.615-4.635	3.815-3.875	6.00
MS9566-50	4.740-4.760	3.940-4.000	6.14
MS9566-51	4.865-4.885	4.065-4.125	6.29
MS9566-52	4.990-5.010	4.190-4.250	6.43
MS9566-53	5.115-5.135	4.315-4.375	6.56
MS9566-54	5.240-5.260	4.440-4.500	6.70
MS9566-55	5.365-5.385	4.565-4.625	6.84
MS9566-56	5.490-5.510	4.690-4.750	6.99
MS9566-57	5.615-5.635	4.815-4.875	7.13
MS9566-58	5.740-5.760	4.940-5.000	7.28
MS9566-59	5.865-5.885	5.065-5.125	7.42
MS9566-60	5.990-6.010	5.190-5.250	7.57
MS9566-61	1.802-1.822	1.002-1.062	2.79
MS9566-62	1.928-1.948	1.128-1.188	2.93



AEROSPACE STANDARD

(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
 WASHER HEAD, DRILLED, PD SHANK, CRES
 UNS S66286, 130 KSI MIN .2500-28 UNJF-3A

AS9566™
 SHEET 2 OF 3

REV.
 B