

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV.
A

AS3108

FEDERAL SUPPLY CLASS
5306

RATIONALE

UPDATE THREAD SPECIFICATION TO AS8879, UPDATE TO ANSI Y14.5M-1982, REVISE FPI REQUIREMENTS TO ASTM E1417/1417M, ADD TERTIARY DATUM IN HOLE POSITION FEATURE CONTROL FRAME, REVISE ACROSS POINTS DIMENSION, CHANGE DIMENSION FOR HOLE LOCATION TO BASIC, ADD EDGE DISTANCE EXCEPTION FOR HEAD MARKING, ADD AS3062 FOR THREAD RUNOUT, ADD SURFACE TEXTURE SYMBOLS PER ASME Y14.36M, REMOVE METRIC DIMENSIONS, FIGURE 1 REDRAWN AND GENERAL EDITORIAL UPDATE.

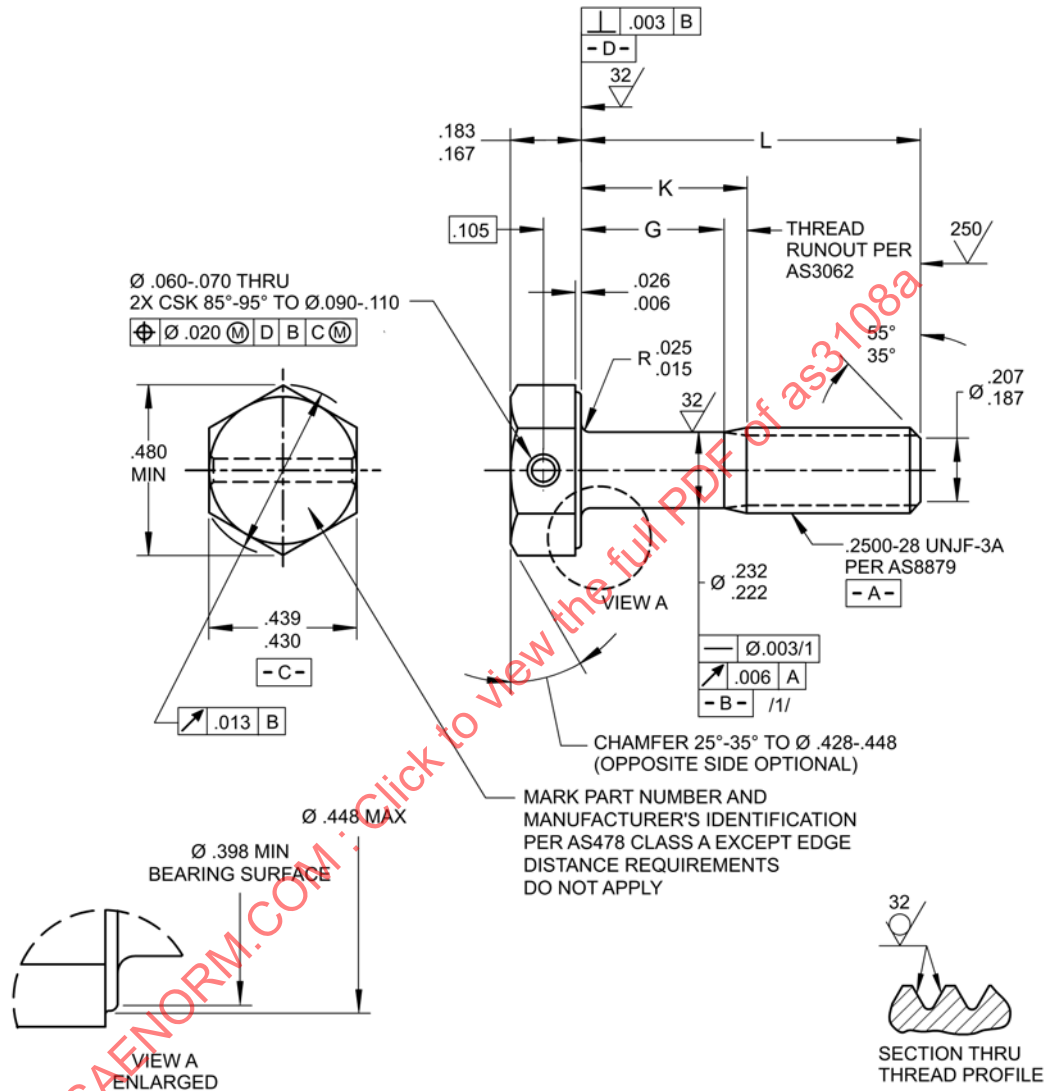
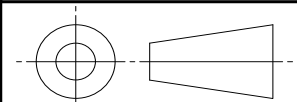


FIGURE 1 - BOLT

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS3108A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



AEROSPACE STANDARD

(R) BOLT, MACHINE - HEXAGON HEAD,
DRILLED 1 HOLE, PD SHANK,
CRES AMS5731 (UNS S66826), .2500-28 UNJF-3A

AS3108
SHEET 1 OF 3

REV.
A

TABLE 1 - PART NUMBERS AND DIMENSIONS L, G, K, AND APPROX MASS

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3108-13	.928-.948	.057	.188	1.81
AS3108-14	.990-1.010	.119	.250	1.88
AS3108-15	1.052-1.072	.181	.312	1.96
AS3108-16	1.115-1.135	.244	.375	2.03
AS3108-17	1.178-1.198	.307	.438	2.10
AS3108-18	1.240-1.260	.369	.500	2.17
AS3108-19	1.302-1.322	.431	.562	2.25
AS3108-20	1.365-1.385	.494	.625	2.32
AS3108-21	1.428-1.448	.557	.688	2.39
AS3108-22	1.490-1.510	.619	.750	2.46
AS3108-23	1.552-1.572	.681	.812	2.54
AS3108-24	1.615-1.635	.744	.875	2.61
AS3108-25	1.678-1.698	.807	.938	2.68
AS3108-26	1.740-1.760	.869	1.000	2.75
AS3108-27	1.802-1.822	.931	1.062	2.83
AS3108-28	1.865-1.885	.994	1.125	2.90
AS3108-29	1.928-1.948	1.057	1.188	2.97
AS3108-30	1.990-2.010	1.119	1.250	3.04
AS3108-31	2.115-2.135	1.244	1.375	3.19
AS3108-32	2.240-2.260	1.369	1.500	3.34
AS3108-33	2.365-2.385	1.494	1.625	3.48
AS3108-34	2.490-2.510	1.619	1.750	3.63
AS3108-35	2.615-2.635	1.744	1.875	3.77
AS3108-36	2.740-2.760	1.869	2.000	3.92
AS3108-37	2.865-2.885	1.994	2.125	4.06
AS3108-38	2.990-3.010	2.119	2.250	4.21
AS3108-39	3.115-3.135	2.244	2.375	4.35
AS3108-40	3.240-3.260	2.369	2.500	4.50
AS3108-41	3.365-3.385	2.494	2.625	4.64
AS3108-42	3.490-3.510	2.619	2.750	4.79
AS3108-43	3.615-3.635	2.744	2.875	4.93
AS3108-44	3.740-3.760	2.869	3.000	5.08
AS3108-45	3.865-3.885	2.994	3.125	5.22
AS3108-46	3.990-4.010	3.119	3.250	5.37
AS3108-47	4.115-4.135	3.244	3.375	5.51
AS3108-48	4.240-4.260	3.369	3.500	5.66
AS3108-49	4.365-4.385	3.494	3.625	5.80
AS3108-50	4.490-4.510	3.619	3.750	5.95
AS3108-51	4.615-4.635	3.744	3.875	6.09
AS3108-52	4.740-4.760	3.869	4.000	6.24
AS3108-53	4.865-4.885	3.994	4.125	6.38
AS3108-54	4.990-5.010	4.119	4.250	6.53
AS3108-55	5.115-5.135	4.244	4.375	6.67
AS3108-56	5.240-5.260	4.369	4.500	6.82
AS3108-57	5.365-5.385	4.494	4.625	6.96
AS3108-58	5.490-5.510	4.619	4.750	7.11
AS3108-59	5.615-5.635	4.744	4.875	7.26
AS3108-60	5.740-5.760	4.869	5.000	7.40
AS3108-61	5.865-5.885	4.994	5.125	7.55
AS3108-62	5.990-6.010	5.119	5.250	7.69



AEROSPACE STANDARD

(R) BOLT, MACHINE - HEXAGON HEAD,
DRILLED 1 HOLE, PD SHANK,
CRES AMS5731 (UNS S66286), .2500-28 UNJF-3A

AS3108
SHEET 2 OF 3

REV.
A