

RATIONALE

FIGURE REDRAWN, USAGE NOTE ADDED, SPECS UPDATED.

REV.
B

AS3161™

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.

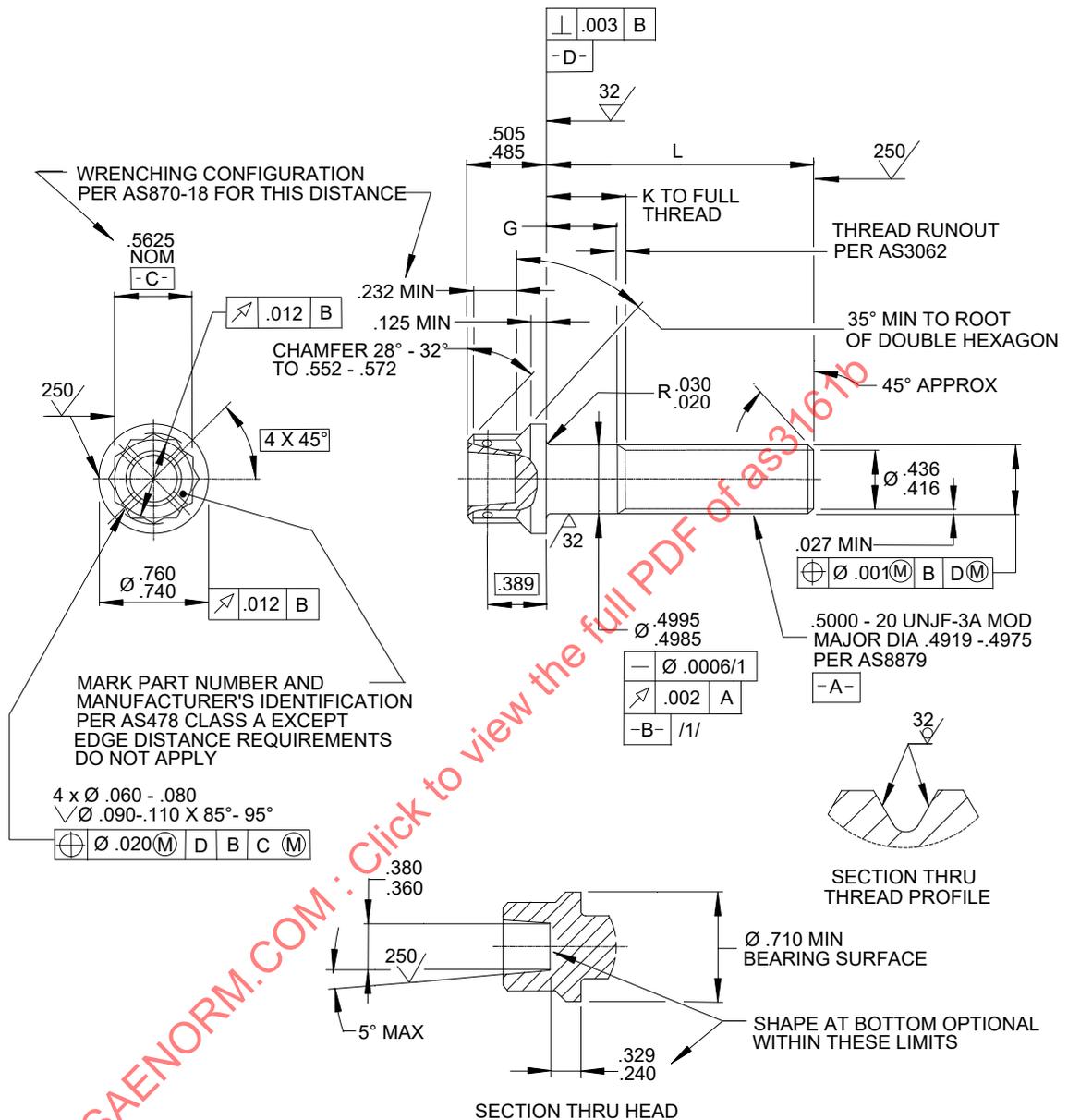
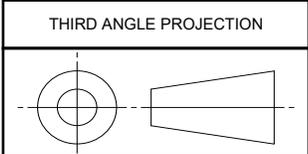


FIGURE 1

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3161B/>



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7461



AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, DRILLED, CLOSE TOLERANCE
SHANK, AMS4967, .5000-20 UNJF-3A

AS3161™
SHEET 1 OF 3

REV.
B

TABLE 1

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100	PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3161-03	.984	.088	.198	4.88	AS3161-41	3.358	2.462	2.572	12.46
AS3161-04	1.046	.150	.260	5.09	AS3161-42	3.471	2.525	2.635	12.66
AS3161-05	1.108	.212	.322	5.27	AS3161-43	3.484	2.588	2.698	12.86
AS3161-06	1.171	.275	.385	5.48	AS3161-44	3.546	2.650	2.760	13.06
AS3161-07	1.234	.338	.448	5.68	AS3161-45	3.608	2.712	2.822	13.25
AS3161-08	1.296	.400	.510	5.88	AS3161-46	3.671	2.775	2.885	13.46
AS3161-09	1.358	.462	.572	6.07	AS3161-47	3.734	2.838	2.948	13.65
AS3161-10	1.421	.525	.635	6.28	AS3161-48	3.796	2.900	3.010	13.86
AS3161-11	1.484	.588	.698	6.48	AS3161-49	3.858	2.962	3.072	14.06
AS3161-12	1.546	.650	.760	6.68	AS3161-50	3.921	3.025	3.135	14.25
AS3161-13	1.608	.712	.822	6.88	AS3161-51	3.984	3.088	3.198	14.46
AS3161-14	1.671	.775	.885	7.08	AS3161-52	4.046	3.150	3.260	14.65
AS3161-15	1.734	.838	.948	7.28	AS3161-53	4.108	3.212	3.322	14.84
AS3161-16	1.796	.900	1.010	7.48	AS3161-54	4.171	3.275	3.385	15.05
AS3161-17	1.858	.962	1.072	7.68	AS3161-55	4.234	3.338	3.448	15.26
AS3161-18	1.921	1.025	1.135	7.87	AS3161-56	4.296	3.400	3.510	15.45
AS3161-19	1.984	1.088	1.198	8.08	AS3161-57	4.358	3.462	3.572	15.65
AS3161-20	2.046	1.150	1.260	8.27	AS3161-58	4.421	3.525	3.635	15.85
AS3161-21	2.108	1.212	1.322	8.47	AS3161-59	4.484	3.588	3.698	16.05
AS3161-22	2.171	1.275	1.385	8.67	AS3161-60	4.546	3.650	3.760	16.25
AS3161-23	2.234	1.338	1.448	8.87	AS3161-61	4.608	3.712	3.822	16.45
AS3161-24	2.296	1.400	1.510	9.07	AS3161-62	4.671	3.775	3.885	16.65
AS3161-25	2.358	1.462	1.572	9.27	AS3161-63	4.714	3.838	3.948	16.85
AS3161-26	2.421	1.525	1.635	9.48	AS3161-64	4.796	3.900	4.010	17.04
AS3161-27	2.484	1.588	1.698	9.67	AS3161-65	4.858	3.962	4.072	17.25
AS3161-28	2.546	1.650	1.760	9.86	AS3161-66	4.921	4.025	4.135	17.44
AS3161-29	2.608	1.712	1.822	10.07	AS3161-67	4.984	4.088	4.198	17.65
AS3161-30	2.671	1.775	1.885	10.27	AS3161-68	5.046	4.150	4.260	17.85
AS3161-31	2.734	1.838	1.948	10.47	AS3161-69	5.108	4.212	4.322	18.04
AS3161-32	2.796	1.900	2.010	10.67	AS3161-70	5.171	4.275	4.385	18.25
AS3161-33	2.858	1.962	2.072	10.86	AS3161-71	5.234	4.338	4.448	18.44
AS3161-34	2.921	2.025	2.135	11.07	AS3161-72	5.296	4.400	4.510	18.63
AS3161-35	2.984	2.088	2.198	11.27	AS3161-73	5.358	4.462	4.572	18.84
AS3161-36	3.046	2.150	2.260	11.46	AS3161-74	5.421	4.525	4.635	19.05
AS3161-37	3.108	2.212	2.322	11.66	AS3161-75	5.484	4.588	4.698	19.24
AS3161-38	3.171	2.275	2.385	11.86	AS3161-76	5.546	4.650	4.760	19.44
AS3161-39	3.234	2.338	2.448	12.06					
AS3161-40	3.296	2.400	2.510	12.26					

SAENOWM.COM. Click to view the full PDF of AS3161