

REV.
B

AS3173™

RATIONALE

REVISED LEAD THREAD CHAMFER TO AS1132. UPDATED TO ASME Y14.5-2018. ADDED NOTE FOR EXISTING INVENTORY.

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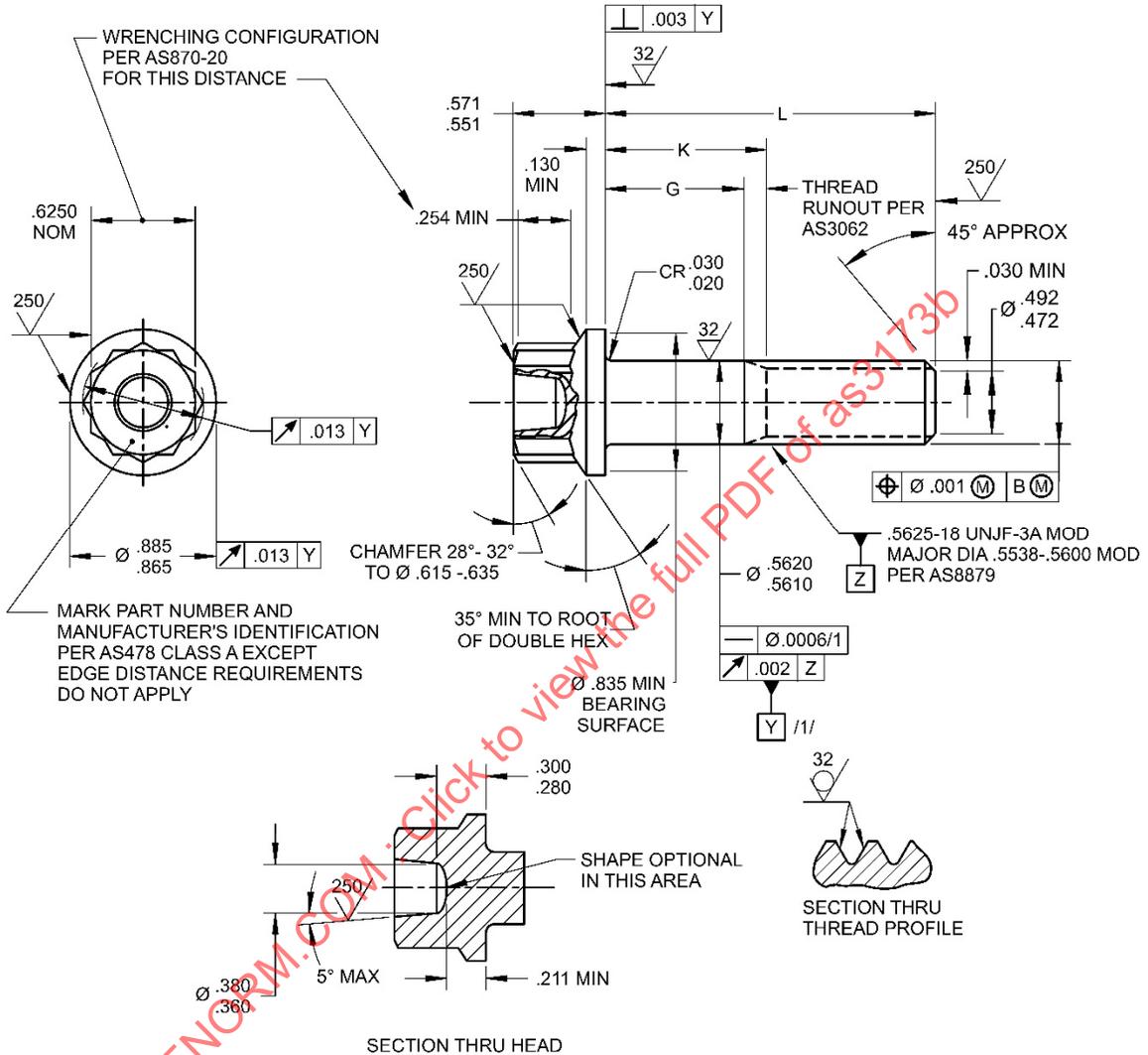


FIGURE 1 - BOLT

For more information on this standard, visit <https://www.sae.org/standards/content/AS3173B/>

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7474 /8/



AEROSPACE STANDARD
BOLT, MACHINE - DOUBLE HEX EXTENDED
WASHER HEAD, CLOSE TOLERANCE SHANK,
AMS5643 (UNS S17400), 140 KSI, .5625-18, UNJF-3A

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	G MIN	K MAX	APPROX MASS LB/100	PART NO.	L	G MIN	K MAX	APPROX MASS LB/100
AS3173-03	1.056-1.076	.077	.198	12.09	AS3173-45	3.680-3.700	2.701	2.822	30.26
AS3173-04	1.118-1.138	.139	.260	12.52	AS3173-46	3.743-3.763	2.764	2.885	30.69
AS3173-05	1.180-1.200	.201	.322	12.95	AS3173-47	3.806-3.826	2.827	2.948	31.12
AS3173-06	1.243-1.263	.264	.385	13.38	AS3173-48	3.868-3.888	2.889	3.010	31.56
AS3173-07	1.306-1.326	.327	.448	13.82	AS3173-49	3.930-3.950	2.951	3.072	31.99
AS3173-08	1.368-1.388	.389	.510	14.25	AS3173-50	3.993-4.013	3.014	3.135	32.43
AS3173-09	1.430-1.450	.451	.572	14.68	AS3173-51	4.056-4.076	3.077	3.198	32.87
AS3173-10	1.493-1.513	.514	.635	15.11	AS3173-52	4.118-4.138	3.139	3.260	33.29
AS3173-11	1.556-1.576	.577	.698	15.55	AS3173-53	4.180-4.200	3.201	3.322	33.72
AS3173-12	1.618-1.638	.639	.760	15.98	AS3173-54	4.243-4.263	3.264	3.385	34.16
AS3173-13	1.680-1.700	.701	.822	16.41	AS3173-55	4.306-4.326	3.327	3.448	34.60
AS3173-14	1.743-1.763	.764	.885	16.84	AS3173-56	4.368-4.388	3.389	3.510	35.02
AS3173-15	1.806-1.826	.827	.948	17.28	AS3173-57	4.430-4.450	3.451	3.572	35.46
AS3173-16	1.868-1.888	.889	1.010	17.71	AS3173-58	4.493-4.513	3.514	3.635	35.89
AS3173-17	1.930-1.950	.951	1.072	18.14	AS3173-59	4.556-4.576	3.577	3.698	36.33
AS3173-18	1.993-2.013	1.014	1.135	18.58	AS3173-60	4.618-4.638	3.639	3.760	36.76
AS3173-19	2.056-2.076	1.077	1.198	19.01	AS3173-61	4.680-4.700	3.701	3.822	37.19
AS3173-20	2.118-2.138	1.139	1.260	19.44	AS3173-62	4.743-4.763	3.764	3.885	37.62
AS3173-21	2.180-2.200	1.201	1.322	19.87	AS3173-63	4.806-4.826	3.827	3.948	38.06
AS3173-22	2.243-2.263	1.264	1.385	20.31	AS3173-64	4.868-4.888	3.889	4.010	38.49
AS3173-23	2.306-2.326	1.327	1.448	20.74	AS3173-65	4.930-4.950	3.951	4.072	38.92
AS3173-24	2.368-2.388	1.389	1.510	21.18	AS3173-66	4.993-5.013	4.014	4.135	39.35
AS3173-25	2.430-2.450	1.451	1.572	21.60	AS3173-67	5.056-5.076	4.077	4.198	39.79
AS3173-26	2.493-2.513	1.514	1.635	22.04	AS3173-68	5.118-5.138	4.139	4.260	40.22
AS3173-27	2.556-2.576	1.577	1.698	22.47	AS3173-69	5.180-5.200	4.201	4.322	40.64
AS3173-28	2.618-2.638	1.639	1.760	22.91	AS3173-70	5.243-5.263	4.264	4.385	41.09
AS3173-29	2.680-2.700	1.701	1.822	23.33	AS3173-71	5.306-5.326	4.327	4.448	41.52
AS3173-30	2.743-2.763	1.764	1.885	23.77	AS3173-72	5.368-5.388	4.389	4.510	41.95
AS3173-31	2.806-2.826	1.827	1.948	24.21	AS3173-73	5.430-5.450	4.451	4.572	42.38
AS3173-32	2.868-2.888	1.889	2.010	24.64	AS3173-74	5.493-5.513	4.514	4.635	43.82
AS3173-33	2.930-2.950	1.951	2.072	25.06					
AS3173-34	2.993-3.013	2.014	2.135	25.51					
AS3173-35	3.056-3.076	2.077	2.198	25.94					
AS3173-36	3.118-3.138	2.139	2.260	26.37					
AS3173-37	3.180-3.200	2.201	2.322	26.80					
AS3173-38	3.243-3.263	2.264	2.385	27.23					
AS3173-39	3.306-3.326	2.327	2.448	27.67					
AS3173-40	3.368-3.388	2.389	2.510	28.10					
AS3173-41	3.430-3.450	2.451	2.572	28.53					
AS3173-42	3.493-3.513	2.514	2.635	28.96					
AS3173-43	3.556-3.576	2.577	2.698	29.40					
AS3173-44	3.618-3.638	2.639	2.760	29.83					