

RATIONALE

REVISE LEAD THREAD CHAMFER TO AS1132. UPDATE TO ASME Y14.5-2018. ADD NOTE FOR EXISTING INVENTORY.

REV. B

AS3170™

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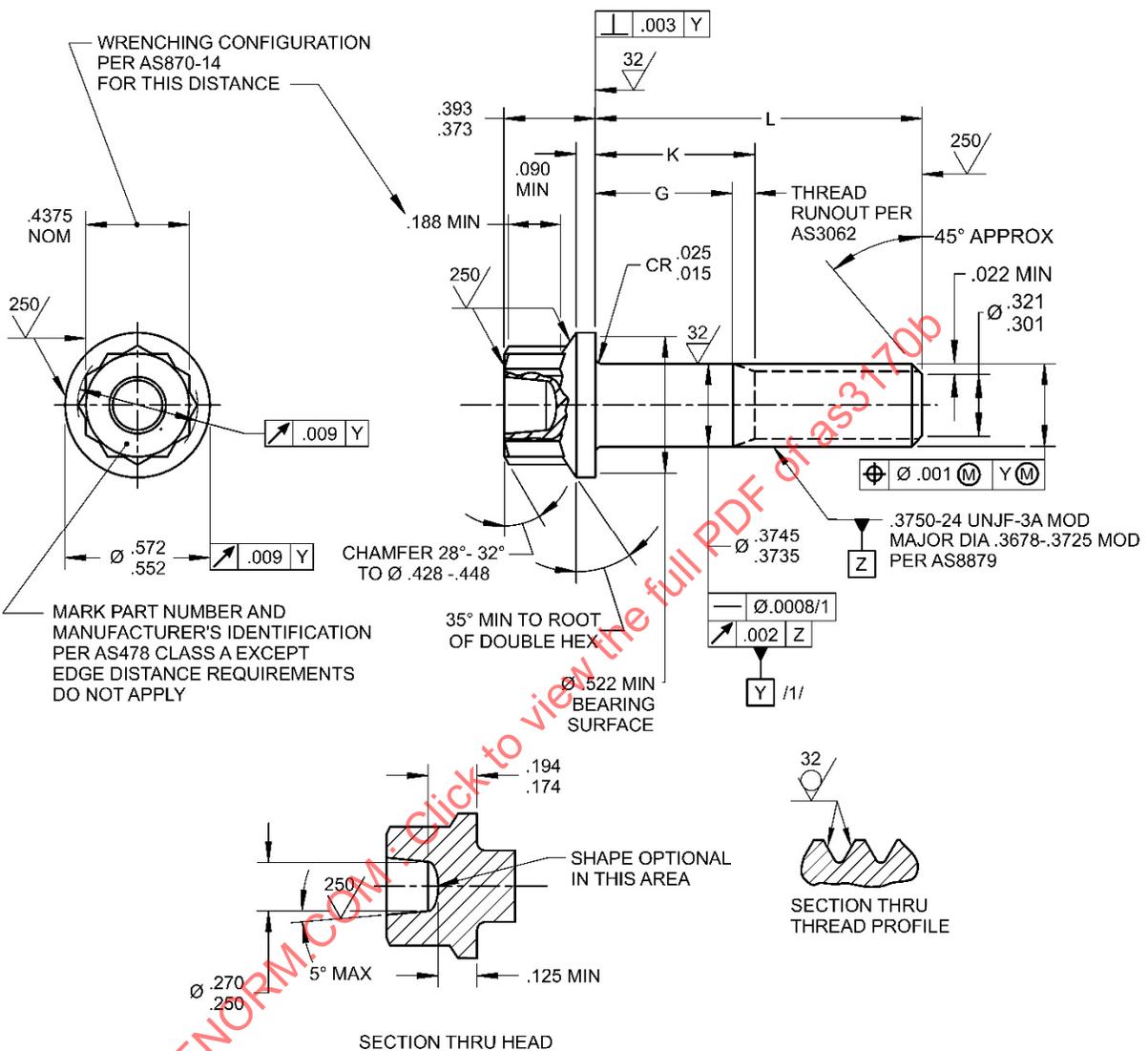
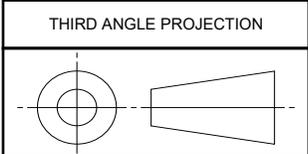


FIGURE 1 - BOLT

For more information on this standard, visit <https://www.sae.org/standards/content/AS3170B/>



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7474 /8/



AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEX EXTENDED WASHER HEAD, CLOSE TOLERANCE SHANK, AMS5643 (UNS S17400), .3750-24, UNJF-3A

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REV. B

ISSUED 1976-03 REAFFIRMED 2018-11 REVISED 2024-04

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100	PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3170-03	.838- .858	.105	.198	3.95	AS3170-45	3.462-3.482	2.729	2.822	12.02
AS3170-04	.900- .920	.167	.260	4.14	AS3170-46	3.525-3.545	2.792	2.885	12.21
AS3170-05	.962- .982	.229	.322	4.33	AS3170-47	3.588-3.608	2.855	2.948	12.41
AS3170-06	1.025-1.045	.292	.385	4.53	AS3170-48	3.650-3.670	2.917	3.010	12.60
AS3170-07	1.088-1.108	.355	.448	4.73	AS3170-49	3.712-3.732	2.979	3.072	12.79
AS3170-08	1.150-1.170	.417	.510	4.91	AS3170-50	3.775-3.795	3.042	3.135	12.98
AS3170-09	1.212-1.232	.479	.572	5.10	AS3170-51	3.838-3.858	3.105	3.198	13.17
AS3170-10	1.275-1.295	.542	.635	5.29	AS3170-52	3.900-3.920	3.167	3.260	13.36
AS3170-11	1.338-1.358	.605	.698	5.49	AS3170-53	3.962-3.982	3.229	3.322	13.55
AS3170-12	1.400-1.420	.667	.760	5.68	AS3170-54	4.025-4.045	3.292	3.385	13.75
AS3170-13	1.462-1.482	.729	.822	5.87	AS3170-55	4.088-4.108	3.355	3.448	13.95
AS3170-14	1.525-1.545	.792	.885	6.07	AS3170-56	4.150-4.170	3.417	3.510	14.14
AS3170-15	1.588-1.608	.855	.948	6.26	AS3170-57	4.212-4.232	3.479	3.572	14.33
AS3170-16	1.650-1.670	.917	1.010	6.44	AS3170-58	4.275-4.295	3.542	3.635	14.52
AS3170-17	1.712-1.732	.979	1.072	6.63	AS3170-59	4.338-4.358	3.605	3.698	14.71
AS3170-18	1.775-1.795	1.042	1.135	6.83	AS3170-60	4.400-4.420	3.667	3.760	14.90
AS3170-19	1.838-1.858	1.105	1.198	7.03	AS3170-61	4.462-4.482	3.729	3.822	15.09
AS3170-20	1.900-1.920	1.167	1.260	7.22	AS3170-62	4.525-4.545	3.792	3.885	15.29
AS3170-21	1.962-1.982	1.229	1.322	7.41	AS3170-63	4.588-4.608	3.855	3.948	15.48
AS3170-22	2.025-2.045	1.292	1.385	7.60	AS3170-64	4.650-4.670	3.917	4.010	15.67
AS3170-23	2.088-2.108	1.355	1.448	7.80	AS3170-65	4.712-4.732	3.979	4.072	15.86
AS3170-24	2.150-2.170	1.417	1.510	7.99	AS3170-66	4.775-4.795	4.042	4.135	16.06
AS3170-25	2.212-2.232	1.479	1.572	8.17	AS3170-67	4.838-4.858	4.105	4.198	16.24
AS3170-26	2.275-2.295	1.542	1.635	8.37	AS3170-68	4.900-4.920	4.167	4.260	16.44
AS3170-27	2.338-2.358	1.605	1.698	8.56	AS3170-69	4.962-4.982	4.229	4.322	16.63
AS3170-28	2.400-2.420	1.667	1.760	8.75	AS3170-70	5.025-5.045	4.292	4.385	16.82
AS3170-29	2.462-2.482	1.729	1.822	8.95	AS3170-71	5.088-5.108	4.355	4.448	17.02
AS3170-30	2.525-2.545	1.792	1.885	9.14	AS3170-72	5.150-5.170	4.417	4.510	17.21
AS3170-31	2.588-2.608	1.855	1.948	9.33	AS3170-73	5.212-5.232	4.479	4.572	17.40
AS3170-32	2.650-2.670	1.917	2.010	9.53	AS3170-74	5.275-5.295	4.542	4.635	17.60
AS3170-33	2.712-2.732	1.979	2.072	9.71	AS3170-75	5.338-5.358	4.605	4.698	17.78
AS3170-34	2.775-2.795	2.042	2.135	9.90	AS3170-76	5.400-5.420	4.667	4.760	17.97
AS3170-35	2.838-2.858	2.105	2.198	10.10	AS3170-77	5.462-5.482	4.729	4.822	18.16
AS3170-36	2.900-2.920	2.167	2.260	10.29	AS3170-78	5.525-5.545	4.792	4.885	18.36
AS3170-37	2.962-2.982	2.229	2.322	10.48	AS3170-79	5.588-5.608	4.855	4.948	18.55
AS3170-38	3.025-3.045	2.292	2.385	10.68	AS3170-80	5.650-5.670	4.917	5.010	18.74
AS3170-39	3.088-3.108	2.355	2.448	10.87					
AS3170-40	3.150-3.170	2.417	2.510	11.06					
AS3170-41	3.212-3.232	2.479	2.572	11.25					
AS3170-42	3.275-3.295	2.542	2.635	11.44					
AS3170-43	3.238-3.258	2.605	2.698	11.63					
AS3170-44	3.400-3.420	2.667	2.760	11.83					