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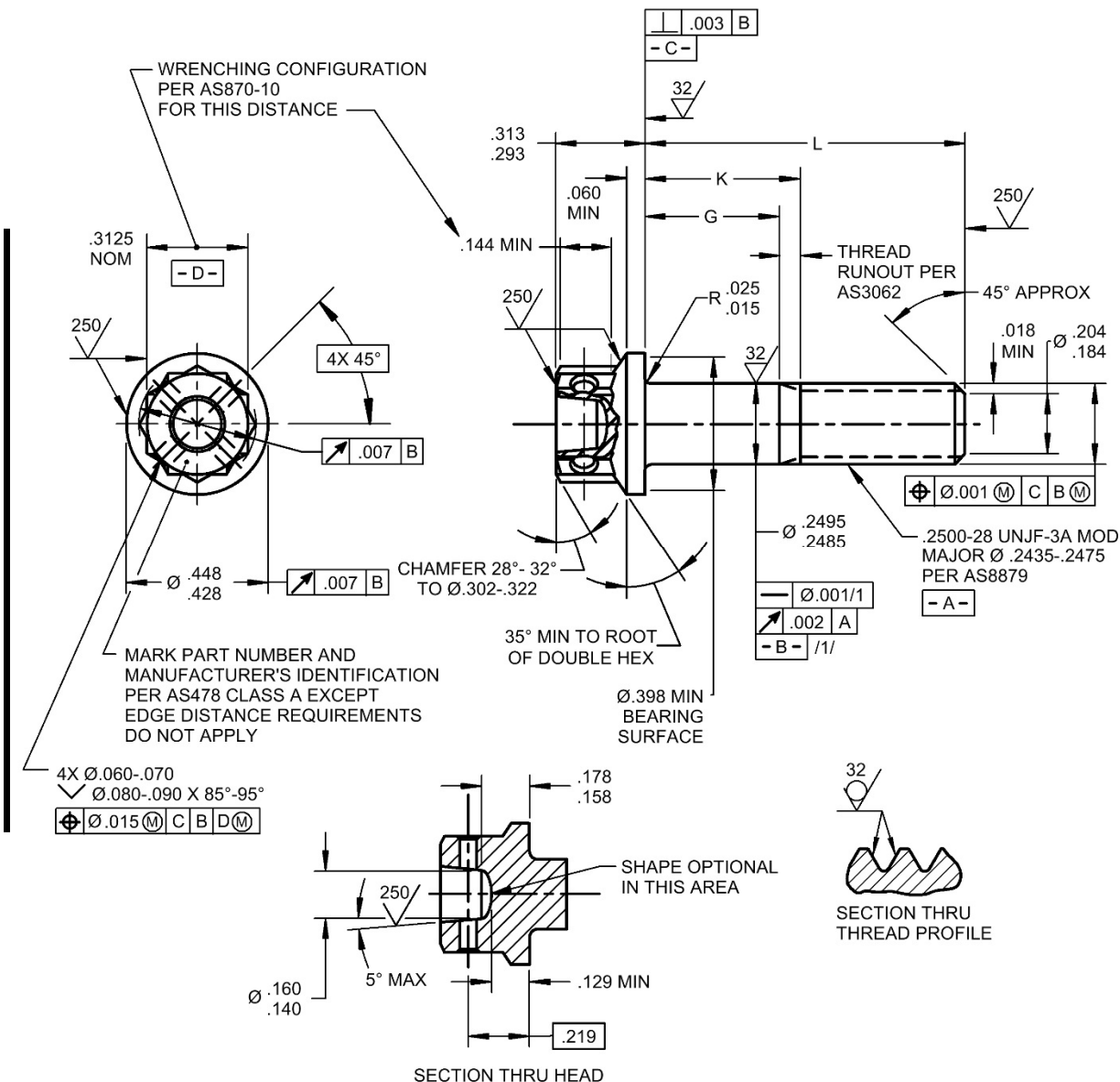
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AS3175™

FEDERAL SUPPLY CLASS
5306

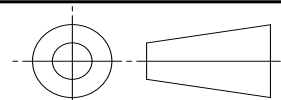
RATIONALE

RELOCATE DATUM D, ADD TERTIARY DATUM CONTROL AND REVISE POSITION TOLERANCE FOR DRILLED HOLES, REFORMAT DRILLED HOLE CALLOUT, REVISE LEAD THREAD CHAMFER, NOTE 7 REFERENCE UPDATED, ADD DATUM C TO POSITION FEATURE CONTROL FRAME FOR MAJOR DIAMETER, ADD NEW NOTE FOR DISPOSITION OF EXISTING INVENTORY.



SAE values your input. To provide feedback on this Technical Report, please visit <http://standards.sae.org/AS3175B>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7474 /7/



AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEX EXTENDED WASHER HEAD, DRILLED, CLOSE TOL SHANK, AMS5643 (UNS S17400), 140 KSI, 2500-28 UNJF-3A

AS3175™
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Documents

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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
AS3175-03	.690-.710	.117	.198	1.58	AS3175-45	3.314-3.334	2.741	2.822	5.15
AS3175-04	.752-.772	.179	.260	1.66	AS3175-46	3.377-3.397	2.804	2.885	5.23
AS3175-05	.814-.834	.241	.322	1.75	AS3175-47	3.440-3.460	2.867	2.948	5.32
AS3175-06	.877-.897	.304	.385	1.82	AS3175-48	3.502-3.522	2.929	3.010	5.40
AS3175-07	.940-.960	.367	.448	1.92	AS3175-49	3.564-3.584	2.991	3.072	5.49
AS3175-08	1.002-1.022	.429	.510	2.00	AS3175-50	3.627-3.647	3.054	3.135	5.57
AS3175-09	1.064-1.084	.491	.572	2.09	AS3175-51	3.690-3.710	3.117	3.198	5.66
AS3175-10	1.127-1.147	.554	.635	2.17	AS3175-52	3.752-3.772	3.179	3.260	5.74
AS3175-11	1.190-1.210	.617	.698	2.26	AS3175-53	3.814-3.834	3.241	3.322	5.83
AS3175-12	1.252-1.272	.679	.760	2.34	AS3175-54	3.877-3.897	3.304	3.385	5.91
AS3175-13	1.314-1.334	.741	.822	2.43	AS3175-55	3.940-3.960	3.367	3.448	6.00
AS3175-14	1.377-1.397	.804	.885	2.51	AS3175-56	4.002-4.022	3.429	3.510	6.08
AS3175-15	1.440-1.460	.867	.948	2.60	AS3175-57	4.064-4.084	3.491	3.572	6.17
AS3175-16	1.502-1.522	.929	1.010	2.68	AS3175-58	4.127-4.147	3.554	3.635	6.25
AS3175-17	1.564-1.584	.991	1.072	2.77	AS3175-59	4.190-4.210	3.617	3.698	6.34
AS3175-18	1.627-1.647	1.054	1.135	2.85	AS3175-60	4.252-4.272	3.679	3.760	6.42
AS3175-19	1.690-1.710	1.117	1.198	2.94	AS3175-61	4.314-4.334	3.741	3.822	6.51
AS3175-20	1.752-1.772	1.179	1.260	3.02	AS3175-62	4.377-4.397	3.804	3.885	6.59
AS3175-21	1.814-1.834	1.241	1.322	3.11	AS3175-63	4.440-4.460	3.867	3.948	6.68
AS3175-22	1.877-1.897	1.304	1.385	3.19	AS3175-64	4.502-4.522	3.929	4.010	6.76
AS3175-23	1.940-1.960	1.367	1.448	3.28	AS3175-65	4.564-4.584	3.991	4.072	6.85
AS3175-24	2.002-2.022	1.429	1.510	3.36	AS3175-66	4.627-4.647	4.054	4.135	6.93
AS3175-25	2.064-2.084	1.491	1.572	3.45	AS3175-67	4.690-4.710	4.117	4.198	7.02
AS3175-26	2.127-2.147	1.554	1.635	3.53	AS3175-68	4.752-4.772	4.179	4.260	7.10
AS3175-27	2.190-2.210	1.617	1.698	3.62	AS3175-69	4.814-4.834	4.241	4.322	7.19
AS3175-28	2.252-2.272	1.679	1.760	3.70	AS3175-70	4.877-4.897	4.304	4.385	7.27
AS3175-29	2.314-2.334	1.741	1.822	3.79	AS3175-71	4.940-4.960	4.367	4.448	7.36
AS3175-30	2.377-2.397	1.804	1.885	3.87	AS3175-72	5.002-5.022	4.429	4.510	7.44
AS3175-31	2.440-2.460	1.867	1.948	3.96	AS3175-73	5.064-5.084	4.491	4.572	7.53
AS3175-32	2.502-2.522	1.929	2.010	4.04	AS3175-74	5.127-5.147	4.554	4.635	7.62
AS3175-33	2.564-2.584	1.991	2.072	4.13	AS3175-75	5.190-5.210	4.617	4.698	7.70
AS3175-34	2.627-2.647	2.054	2.135	4.21	AS3175-76	5.252-5.272	4.679	4.760	7.79
AS3175-35	2.690-2.710	2.117	2.198	4.30	AS3175-77	5.314-5.334	4.741	4.822	7.87
AS3175-36	2.752-2.772	2.179	2.260	4.38	AS3175-78	5.377-5.397	4.804	4.885	7.96
AS3175-37	2.814-2.834	2.241	2.322	4.47	AS3175-79	5.440-5.460	4.867	4.948	8.04
AS3175-38	2.877-2.897	2.304	2.385	4.55	AS3175-80	5.502-5.522	4.929	5.010	8.13
AS3175-39	2.940-2.960	2.367	2.448	4.64	AS3175-81	5.564-5.584	4.991	5.072	8.21
AS3175-40	3.002-3.022	2.429	2.510	4.72	AS3175-82	5.627-5.647	5.054	5.135	8.30
AS3175-41	3.064-3.084	2.491	2.572	4.81	AS3175-83	5.690-5.710	5.117	5.198	8.38
AS3175-42	3.127-3.147	2.554	2.635	4.89	AS3175-84	5.752-5.772	5.179	5.260	8.48
AS3175-43	3.190-3.210	2.617	2.698	4.98	AS3175-85	5.814-5.834	5.241	5.322	8.55
AS3175-44	3.252-3.272	2.679	2.760	5.06	AS3175-86	5.877-5.897	5.304	5.385	8.64



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