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B

AS3153™

FEDERAL SUPPLY CLASS
5306

RATIONALE

FIGURE REDRAWN TO SHOW CORRECT THREAD END CHAMFER AND LIGHTENING HOLE DIMENSIONS TO AS1132.

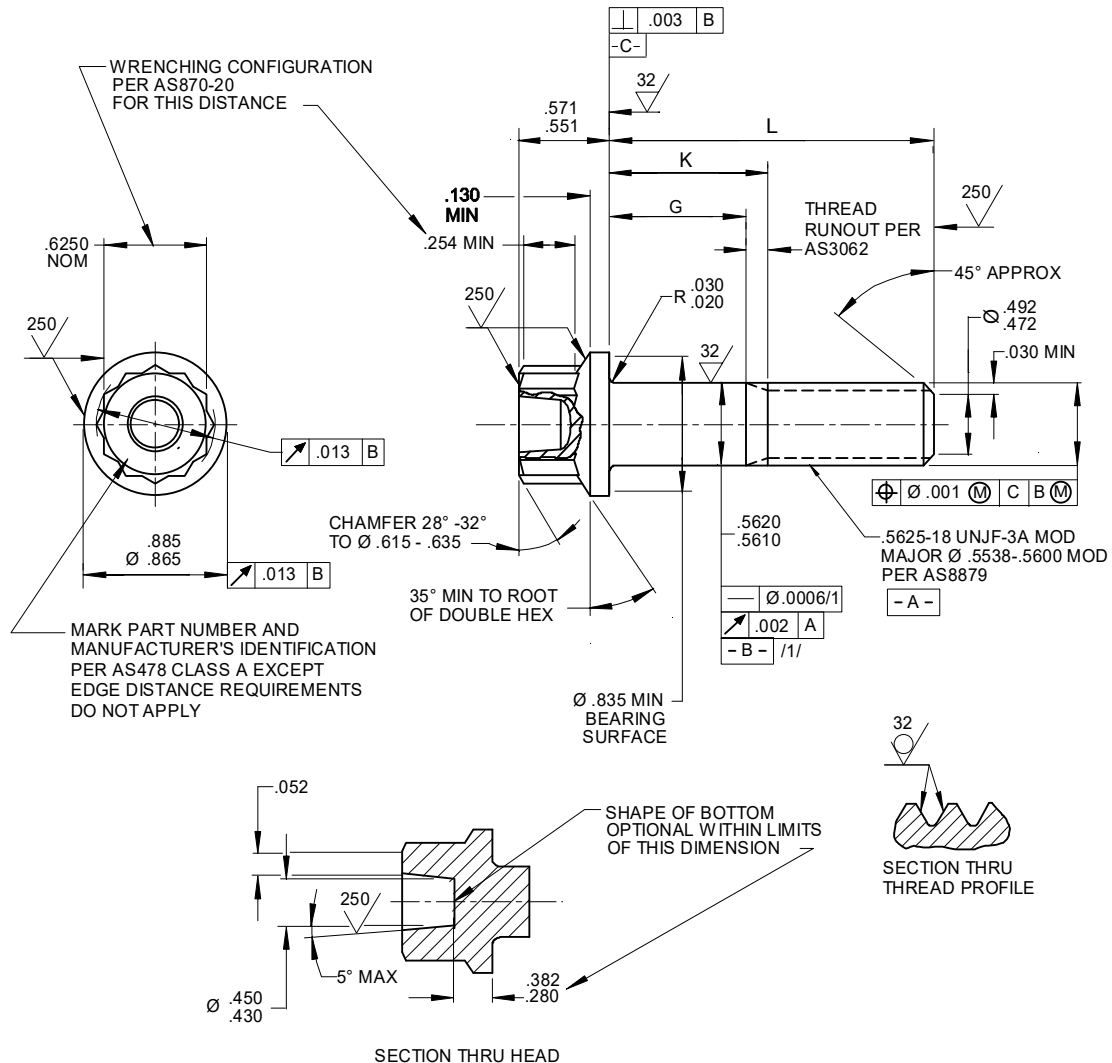
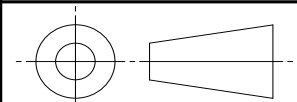


FIGURE 1 - BOLT

SAE values your input. To provide feedback on this Technical Report, please visit <http://standards.sae.org/AS3153B>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7461 /8/



AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, CLOSE TOLERANCE SHANK,
AMS4967 (UNS R56400), 160 KSI, .5625-18, UNJF-3A

AS3153™
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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
AS3153-03	1.056-1.076	.077	.198	7.05	AS3153-45	3.680-3.700	2.701	2.822	17.64
AS3153-04	1.118-1.138	.139	.260	7.30	AS3153-46	3.743-3.763	2.764	2.885	17.89
AS3153-05	1.180-1.200	.201	.322	7.54	AS3153-47	3.806-3.826	2.827	2.948	18.15
AS3153-06	1.243-1.263	.264	.385	7.80	AS3153-48	3.868-3.888	2.889	3.010	18.40
AS3153-07	1.306-1.326	.327	.448	8.05	AS3153-49	3.930-3.950	2.951	3.072	18.65
AS3153-08	1.368-1.388	.389	.510	8.31	AS3153-50	3.993-4.013	3.014	3.135	18.91
AS3153-09	1.430-1.450	.451	.572	8.55	AS3153-51	4.056-4.076	3.077	3.198	19.17
AS3153-10	1.493-1.513	.514	.635	8.81	AS3153-52	4.118-4.138	3.139	3.260	19.41
AS3153-11	1.556-1.576	.577	.698	9.06	AS3153-53	4.180-4.200	3.201	3.322	19.65
AS3153-12	1.618-1.638	.639	.760	9.32	AS3153-54	4.243-4.263	3.264	3.385	19.92
AS3153-13	1.680-1.700	.701	.822	9.56	AS3153-55	4.306-4.326	3.327	3.448	20.17
AS3153-14	1.743-1.763	.764	.885	9.82	AS3153-56	4.368-4.388	3.389	3.510	20.42
AS3153-15	1.806-1.826	.827	.948	10.08	AS3153-57	4.430-4.450	3.451	3.572	20.68
AS3153-16	1.868-1.888	.889	1.010	10.33	AS3153-58	4.493-4.513	3.514	3.635	20.93
AS3153-17	1.930-1.950	.951	1.072	10.58	AS3153-59	4.556-4.576	3.577	3.698	21.19
AS3153-18	1.993-2.013	1.014	1.135	10.84	AS3153-60	4.618-4.638	3.639	3.760	21.43
AS3153-19	2.056-2.076	1.077	1.198	11.09	AS3153-61	4.680-4.700	3.701	3.822	21.68
AS3153-20	2.118-2.138	1.139	1.260	11.33	AS3153-62	4.743-4.763	3.764	3.885	21.94
AS3153-21	2.180-2.200	1.201	1.322	11.59	AS3153-63	4.806-4.826	3.827	3.948	22.19
AS3153-22	2.243-2.263	1.264	1.385	11.84	AS3153-64	4.868-4.888	3.889	4.010	22.44
AS3153-23	2.306-2.326	1.327	1.448	12.10	AS3153-65	4.930-4.950	3.951	4.072	22.69
AS3153-24	2.368-2.388	1.389	1.510	12.34	AS3153-66	4.993-5.013	4.014	4.135	22.95
AS3153-25	2.430-2.450	1.451	1.572	12.60	AS3153-67	5.056-5.076	4.077	4.198	23.20
AS3153-26	2.493-2.513	1.514	1.635	12.85	AS3153-68	5.118-5.138	4.139	4.260	23.45
AS3153-27	2.556-2.576	1.577	1.698	13.11	AS3153-69	5.180-5.200	4.201	4.322	23.70
AS3153-28	2.618-2.638	1.639	1.760	13.36	AS3153-70	5.243-5.263	4.264	4.385	23.96
AS3153-29	2.680-2.700	1.701	1.822	13.61	AS3153-71	5.306-5.326	4.327	4.448	24.21
AS3153-30	2.743-2.763	1.764	1.885	13.86	AS3153-72	5.368-5.388	4.389	4.510	24.45
AS3153-31	2.806-2.826	1.827	1.948	14.12	AS3153-73	5.430-5.450	4.451	4.572	24.71
AS3153-32	2.868-2.888	1.889	2.010	14.36	AS3153-74	5.493-5.513	4.514	4.635	24.96
AS3153-33	2.930-2.950	1.951	2.072	14.61					
AS3153-34	2.993-3.013	2.014	2.135	14.87					
AS3153-35	3.056-3.076	2.077	2.198	15.12					
AS3153-36	3.118-3.138	2.139	2.260	15.38					
AS3153-37	3.180-3.200	2.201	2.322	15.62					
AS3153-38	3.243-3.263	2.264	2.385	15.88					
AS3153-39	3.306-3.326	2.327	2.448	16.13					
AS3153-40	3.368-3.388	2.389	2.510	16.39					
AS3153-41	3.430-3.450	2.451	2.572	16.63					
AS3153-42	3.493-3.513	2.514	2.635	16.89					
AS3153-43	3.556-3.576	2.577	2.698	17.14					
AS3153-44	3.618-3.638	2.639	2.760	17.40					



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