

RATIONALE

CORRECT SURFACE FINISH IN NOTE 5 (REVISE 32 TO 125). UPDATE TO ASME Y14.5-2018. REVISE DATUM DESIGNATION LETTERS. ADD SURFACE TEXTURE REQUIREMENT TO FIG. 1. REVISE HEAD TO SHANK FILLET TO CR. ADD RUNOUT REQUIREMENT TO BEARING FACE. GENERAL EDITORIAL REVISIONS.

REV.
B

AS3100™

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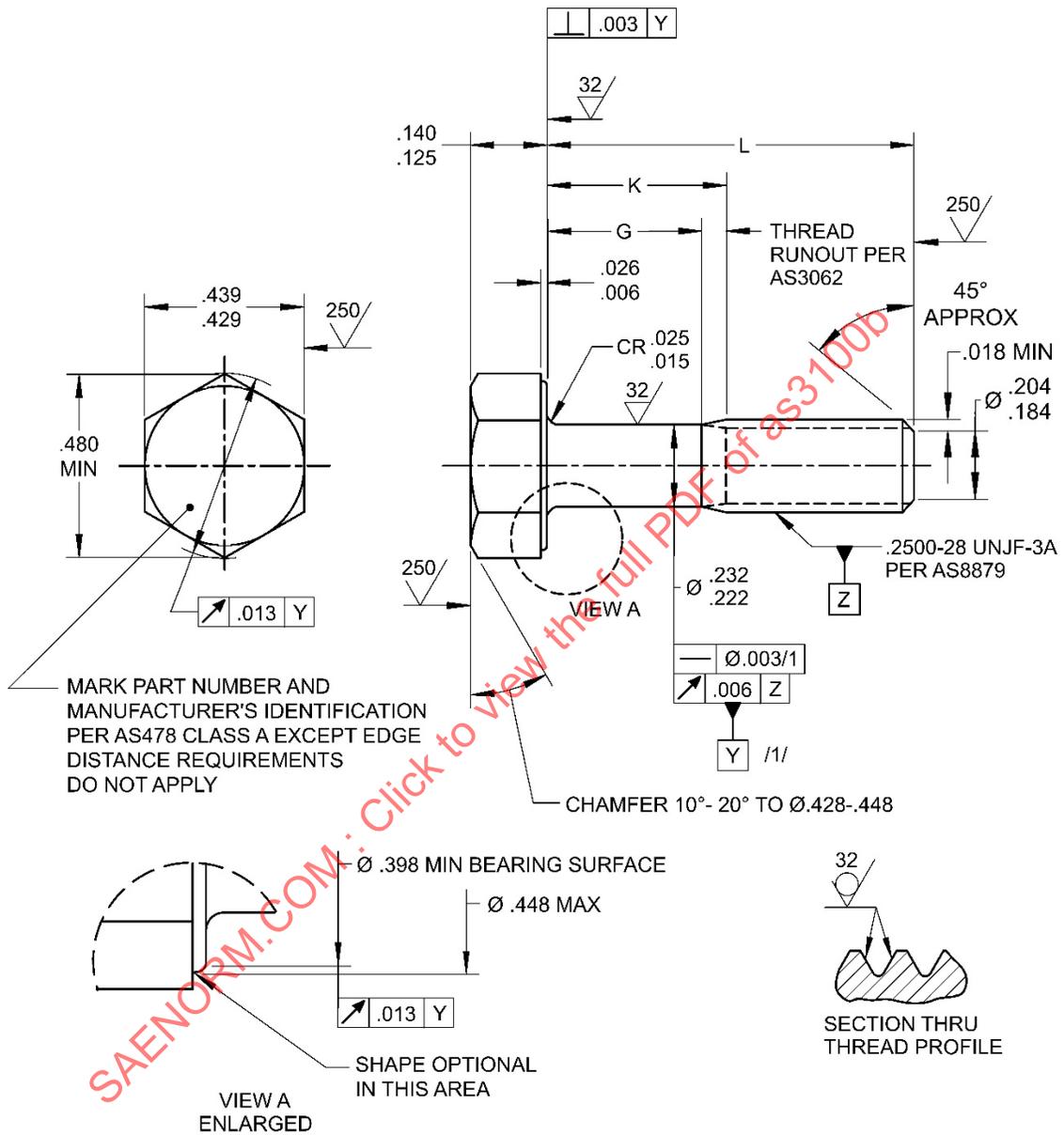
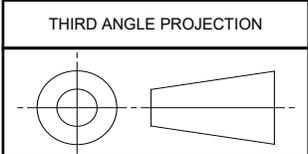


FIGURE 1

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3100B/>



CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: NONE	
	AEROSPACE STANDARD		AS3100™ SHEET 1 OF 3
	BOLT, MACHINE - HEXAGON HEAD, PD SHANK, CORROSION AND HEAT RESISTANT STEEL UNS S66286,.2500-28 UNJF-3A		

ISSUED 1979-07 REAFFIRMED 2006-05 REVISED 2024-02

**TABLE 1 - FOR SHORT SCREWS THREADED
TO THE HEAD, REFER TO MS9489**

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3100-13	.928-.948	.057	.188	1.65
AS3100-14	.990-1.010	.119	.250	1.73
AS3100-15	1.052-1.072	.181	.312	1.80
AS3100-16	1.115-1.135	.244	.375	1.87
AS3100-17	1.178-1.198	.307	.438	1.94
AS3100-18	1.240-1.260	.369	.500	2.02
AS3100-19	1.302-1.322	.431	.562	2.09
AS3100-20	1.365-1.385	.494	.625	2.16
AS3100-21	1.428-1.448	.557	.688	2.23
AS3100-22	1.490-1.510	.619	.750	2.31
AS3100-23	1.552-1.572	.681	.812	2.38
AS3100-24	1.615-1.635	.744	.875	2.45
AS3100-25	1.678-1.698	.807	.938	2.52
AS3100-26	1.740-1.760	.869	1.000	2.60
AS3100-27	1.802-1.822	.931	1.062	2.67
AS3100-28	1.865-1.885	.994	1.125	2.74
AS3100-29	1.928-1.948	1.057	1.188	2.81
AS3100-30	1.990-2.010	1.119	1.250	2.89
AS3100-31	2.115-2.135	1.244	1.375	3.03
AS3100-32	2.240-2.260	1.369	1.500	3.18
AS3100-33	2.365-2.385	1.494	1.625	3.32
AS3100-34	2.490-2.510	1.619	1.750	3.47
AS3100-35	2.615-2.635	1.744	1.875	3.61
AS3100-36	2.740-2.760	1.869	2.000	3.76
AS3100-37	2.865-2.885	1.994	2.125	3.90
AS3100-38	2.990-3.010	2.119	2.250	4.05
AS3100-39	3.115-3.135	2.244	2.375	4.19
AS3100-40	3.240-3.260	2.369	2.500	4.34
AS3100-41	3.365-3.385	2.494	2.625	4.48
AS3100-42	3.490-3.510	2.619	2.750	4.63
AS3100-43	3.615-3.635	2.744	2.875	4.77
AS3100-44	3.740-3.760	2.869	3.000	4.92
AS3100-45	3.865-3.885	2.994	3.125	5.06
AS3100-46	3.990-4.010	3.119	3.250	5.21
AS3100-47	4.115-4.135	3.244	3.375	5.35
AS3100-48	4.240-4.260	3.369	3.500	5.50
AS3100-49	4.365-4.385	3.494	3.625	5.65
AS3100-50	4.490-4.510	3.619	3.750	5.79
AS3100-51	4.615-4.635	3.744	3.875	5.94
AS3100-52	4.740-4.760	3.869	4.000	6.08
AS3100-53	4.865-4.885	3.994	4.125	6.23
AS3100-54	4.990-4.510	4.119	4.250	6.37
AS3100-55	5.115-5.135	4.244	4.375	6.52
AS3100-56	5.240-5.260	4.369	4.500	6.66
AS3100-57	5.365-5.385	4.494	4.625	6.81
AS3100-58	5.490-5.510	4.619	4.750	6.95
AS3100-59	5.615-5.635	4.744	4.875	7.10
AS3100-60	5.740-5.760	4.869	5.000	7.24
AS3100-61	5.865-5.885	4.994	5.125	7.39
AS3100-62	5.990-6.010	5.119	5.250	7.53