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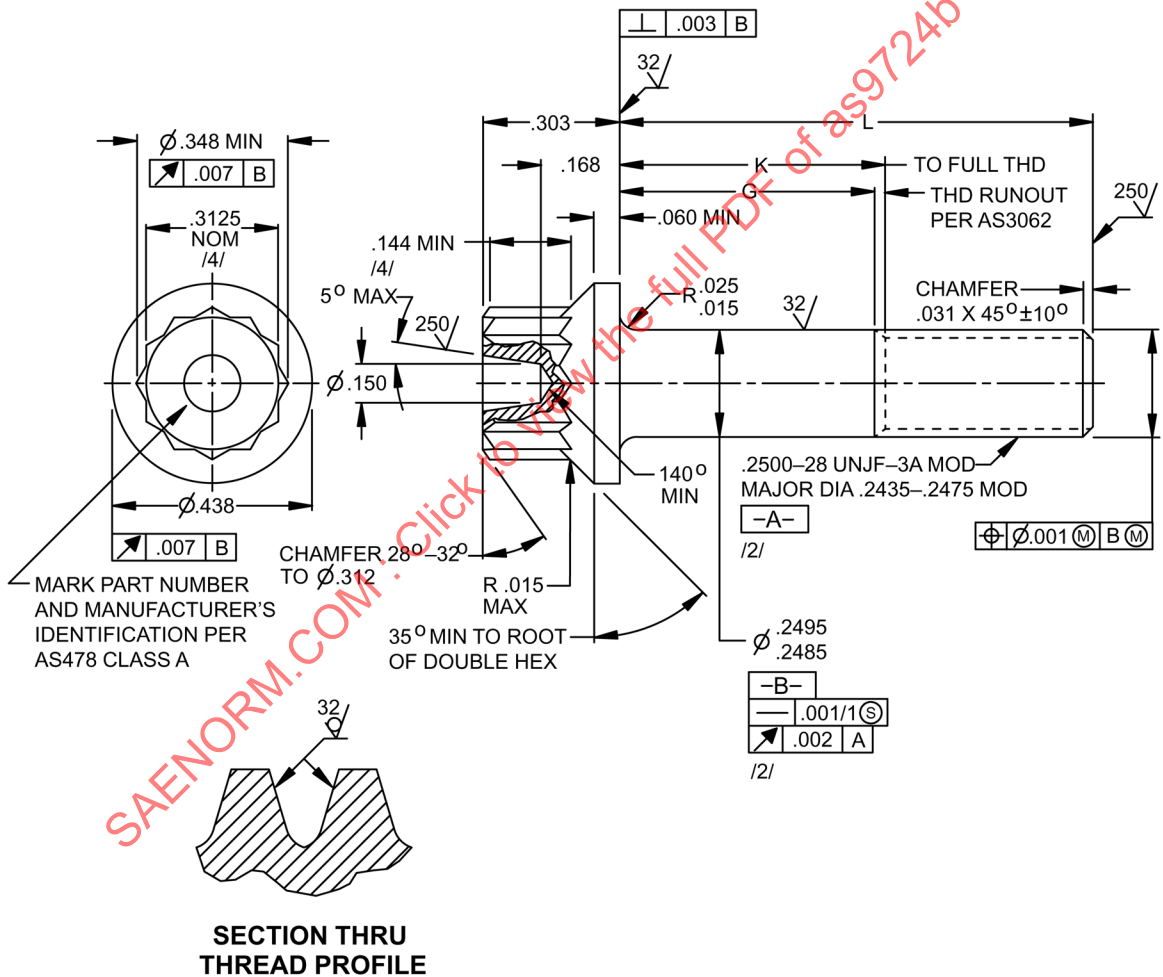
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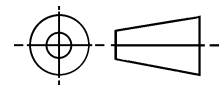
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THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9724. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE & PROPULSION SYSTEMS

SAE Aerospace
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AEROSPACE STANDARD

(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD,
CLOSE TOLERANCE SHANK, CORROSION AND HEAT RESISTANT STEEL,
UNS N07001, 165 KSI MIN, .2500-28 UNJF-3A

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SHEET 1 OF 3

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ISSUED 1998-08 REVISED 2002-08 REAFFIRMED 2007-06

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TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NO.	L	G MIN	K MAX	APPROX MASS LBS/100	PART NO.	L	G MIN	K MAX	APPROX MASS LBS/100
MS9724-03	.700	.117	.198	1.70	MS9724-46	3.387	2.804	2.885	5.57
MS9724-04	.762	.179	.260	1.79	MS9724-47	3.450	2.867	2.948	5.66
MS9724-05	.824	.241	.322	1.88	MS9724-48	3.512	2.929	3.010	5.75
MS9724-06	.887	.304	.385	1.96	MS9724-49	3.574	2.991	3.072	5.84
MS9724-07	.950	.367	.448	2.06	MS9724-50	3.637	3.054	3.135	5.93
MS9724-08	1.012	.429	.510	2.15	MS9724-51	3.700	3.117	3.198	6.02
MS9724-09	1.074	.491	.572	2.24	MS9724-52	3.762	3.179	3.260	6.11
MS9724-10	1.137	.554	.635	2.33	MS9724-53	3.824	3.241	3.322	6.20
MS9724-11	1.200	.617	.698	2.42	MS9724-54	3.887	3.304	3.385	6.29
MS9724-12	1.262	.679	.760	2.51	MS9724-55	3.950	3.367	3.448	6.38
MS9724-13	1.324	.741	.822	2.60	MS9724-56	4.012	3.429	3.510	6.47
MS9724-14	1.387	.804	.885	2.69	MS9724-57	4.074	3.491	3.572	6.56
MS9724-15	1.450	.867	.948	2.78	MS9724-58	4.137	3.554	3.625	6.65
MS9724-16	1.512	.929	1.010	2.87	MS9724-59	4.200	3.617	3.698	6.74
MS9724-17	1.574	.991	1.072	2.96	MS9724-60	4.262	3.679	3.760	6.83
MS9724-18	1.637	1.045	1.135	3.05	MS9724-61	4.324	3.741	3.822	6.92
MS9724-19	1.700	1.117	1.198	3.14	MS9724-62	4.387	3.804	3.885	7.01
MS9724-20	1.762	1.179	1.260	3.23	MS9724-63	4.450	3.867	3.948	7.10
MS9724-21	1.824	1.241	1.322	3.32	MS9724-64	4.512	3.929	4.010	7.19
MS9724-22	1.887	1.304	1.385	3.41	MS9724-65	4.574	3.991	4.072	7.28
MS9724-23	1.950	1.376	1.448	3.50	MS9724-66	4.637	4.054	4.135	7.37
MS9724-24	2.012	1.429	1.510	3.59	MS9724-67	4.700	4.117	4.198	7.46
MS9724-25	2.074	1.491	1.572	3.68	MS9724-68	4.762	4.179	4.260	7.55
MS9724-26	2.137	1.554	1.635	3.77	MS9724-69	4.824	4.241	4.322	7.64
MS9724-27	2.200	1.617	1.698	3.86	MS9724-70	4.887	4.304	4.385	7.73
MS9724-28	2.262	1.679	1.760	3.95	MS9724-71	4.950	4.367	4.448	7.82
MS9724-29	2.324	1.741	1.822	4.04	MS9724-72	5.012	4.429	4.510	7.91
MS9724-30	2.387	1.804	1.885	4.13	MS9724-73	5.074	4.491	4.572	8.00
MS9724-31	2.450	1.867	1.948	4.22	MS9724-74	5.137	4.554	4.635	8.09
MS9724-32	2.512	1.929	2.010	4.31	MS9724-75	5.200	4.617	4.698	8.18
MS9724-33	2.574	1.991	2.072	4.40	MS9724-76	5.262	4.679	4.760	8.27
MS9724-34	2.637	2.054	2.135	4.49	MS9724-77	5.324	4.741	4.822	8.36
MS9724-35	2.700	2.117	2.198	4.58	MS9724-78	5.387	4.804	4.885	8.45
MS9724-36	2.762	2.179	2.260	4.67	MS9724-79	5.450	4.867	4.948	8.54
MS9724-37	2.824	2.241	2.322	4.76	MS9724-80	5.512	4.929	5.010	8.63
MS9724-38	2.887	2.304	2.385	4.85	MS9724-81	5.574	4.991	5.072	8.72
MS9724-39	2.950	2.367	2.448	4.94	MS9724-82	5.637	5.054	5.135	8.81
MS9724-40	3.012	2.429	2.510	5.03	MS9724-83	5.700	5.117	5.198	8.90
MS9724-41	3.074	2.491	2.572	5.12	MS9724-84	5.762	5.179	5.260	9.00
MS9724-42	3.137	2.554	2.635	5.21	MS9724-85	5.824	5.241	5.322	9.08
MS9724-43	3.200	2.617	2.698	5.30	MS9724-86	5.887	5.304	5.385	9.17
MS9724-44	3.262	2.679	2.760	5.39	---	---	---	---	---
MS9724-45	3.324	2.741	2.822	5.48	---	---	---	---	---