

User activities:

Review activities:
Army - WC
USAF - 32, 65

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

PART NO. AND MANUFACTURER'S IDENTIFICATION PER AS 478 CLASS A				WRENCHING CONFIGURATION PER AS870 FOR THIS DISTANCE				FED. SUP CLASS 5306			
PART NO.	L	K	APPROX WEIGHT LB/100	PART NO.	L	K	APPROX WEIGHT LB/100	PART NO.	L	K	APPROX WEIGHT LB/100
MS9567-04	.500	.088-.108	2.06	MS9567-22	1.625	.690-.750	4.10	MS9567-40	3.750	2.815-2.875	7.95
MS9567-05	.562	.088-.108	2.17	MS9567-23	1.688	.752-.812	4.22	MS9567-41	3.875	2.940-3.000	8.17
MS9567-06	.625	.088-.108	2.28	MS9567-24	1.750	.815-.875	4.33	MS9567-42	4.000	3.075-3.125	8.40
MS9567-07	.688	.088-.108	2.39	MS9567-25	1.875	.940-1.000	4.55	MS9567-43	4.125	3.190-3.250	8.63
MS9567-08	.750	.088-.108	2.51	MS9567-26	2.000	1.065-1.125	4.77	MS9567-44	4.250	3.315-3.375	8.86
MS9567-09	.812	.088-.108	2.62	MS9567-27	2.125	1.190-1.250	5.00	MS9567-45	4.375	3.440-3.500	9.08
MS9567-10	.875	.088-.108	2.73	MS9567-28	2.250	1.315-1.375	5.23	MS9567-46	4.500	3.565-3.625	9.30
MS9567-11	.938	.088-.108	2.85	MS9567-29	2.375	1.440-1.500	5.45	MS9567-47	4.625	3.690-3.750	9.52
MS9567-12	1.000	.088-.125	2.96	MS9567-30	2.500	1.565-1.625	5.67	MS9567-48	4.750	3.815-3.875	9.74
MS9567-13	1.062	.128-.188	3.07	MS9567-31	2.625	1.690-1.750	5.90	MS9567-49	4.875	3.940-4.000	9.95
MS9567-14	1.125	.190-.250	3.19	MS9567-32	2.750	1.815-1.875	6.13	MS9567-50	5.000	4.065-4.125	10.17
MS9567-15	1.188	.252-.312	3.30	MS9567-33	2.875	1.940-2.000	6.36	MS9567-51	5.125	4.190-4.250	10.40
MS9567-16	1.250	.315-.375	3.41	MS9567-34	3.000	2.065-2.125	6.58	MS9567-52	5.250	4.315-4.375	10.63
MS9567-17	1.312	.378-.438	3.52	MS9567-35	3.125	2.190-2.250	6.80	MS9567-53	5.375	4.440-4.500	10.86
MS9567-18	1.375	.440-.500	3.64	MS9567-36	3.250	2.315-2.375	7.03	MS9567-54	5.500	4.565-4.625	11.10
MS9567-19	1.438	.502-.562	3.75	MS9567-37	3.375	2.440-2.500	7.27	MS9567-55	5.625	4.690-4.750	11.33
MS9567-20	1.500	.565-.625	3.87	MS9567-38	3.500	2.565-2.625	7.50	MS9567-56	5.750	4.815-4.875	11.56
MS9567-21	1.562	.628-.588	3.98	MS9567-39	3.625	2.690-2.750	7.73	MS9567-57	5.875	4.940-5.000	11.78
								MS9567-58	6.000	5.065-5.125	12.00
								MS9567-59	1.812	.878-.938	4.44
								MS9567-60	1.938	1.002-1.062	4.66

- SHANK SHALL BE STRAIGHT WITHIN .003 TOTAL PER INCH OF BOLT LENGTH.
- THE CONCENTRICITY OF THE SHANK IN RELATION TO THE SHANK SHALL BE WITHIN .006 PIR.
- THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .008 PIR.
- INCOMPLETE THREADS NOT TO ENTER FILET.
- MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5731.
- MANUFACTURING SPECIFICATION: AMS 7477.
- FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
- SURFACE TEXTURE: USAS B46.1-1962 UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
- BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
- DIMENSION IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
- DO NOT USE UNASSIGNED PART NUMBERS.

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION

P.A. USAF - 11	TITLE BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, AMS5731, .3125-24 UNF-3A	MILITARY STANDARD MS9567
Other Cust Navy - 48 Army - 47	PROCUREMENT SPECIFICATION SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Continued)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE