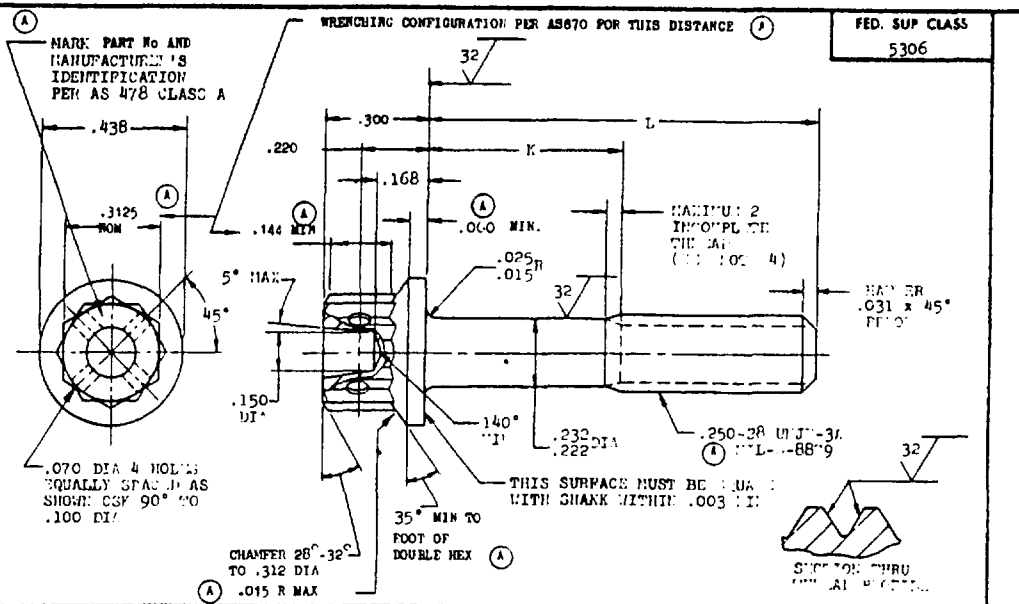


# MS9566



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
MS9566-04	.375	.079-.099	1.14	MS9566-25	1.088	.878-.938	2.64	MS9566-41	4.250	3.440-3.500	5.56
MS9566-05	.438	.079-.099	1.21	MS9566-26	1.750	.940-1.000	2.72	MS9566-42	4.375	3.55-3.625	5.71
MS9566-06	.500	.079-.099	1.29	MS9566-27	1.875	1.005-1.125	2.86	MS9566-43	4.500	3.90-3.750	5.85
MS9566-07	.562	.079-.099	1.36	MS9566-28	2.000	1.190-1.250	3.00	MS9566-44	4.625	3.815-3.875	6.00
MS9566-08	.625	.079-.099	1.44	MS9566-29	2.125	1.315-1.375	3.14	MS9566-45	4.750	3.940-4.000	6.14
MS9566-09	.688	.079-.099	1.51	MS9566-30	2.250	1.440-1.500	3.29	MS9566-46	4.875	4.05-4.125	6.29
MS9566-10	.750	.079-.099	1.58	MS9566-31	2.375	1.565-1.625	3.43	MS9566-47	5.000	4.190-4.250	6.43
MS9566-11	.812	.079-.099	1.65	MS9566-32	2.500	1.690-1.750	3.57	MS9566-48	5.125	4.315-4.375	6.58
MS9566-12	.875	.079-.125	1.72	MS9566-33	2.625	1.815-1.875	3.71	MS9566-49	5.250	4.440-4.500	6.70
MS9566-13	.938	.128-.188	1.79	MS9566-34	2.750	1.940-2.000	3.85	MS9566-50	5.375	4.55-4.625	6.84
MS9566-14	1.000	.190-.250	1.86	MS9566-35	2.875	2.065-2.125	4.00	MS9566-51	5.500	4.690-4.750	6.99
MS9566-15	1.062	.252-.312	1.93	MS9566-36	3.000	2.190-2.250	4.14	MS9566-52	5.625	4.815-4.875	7.13
MS9566-16	1.125	.315-.375	2.00	MS9566-37	3.125	2.315-2.375	4.29	MS9566-53	5.750	4.940-5.000	7.28
MS9566-17	1.188	.378-.438	2.08	MS9566-38	3.250	2.440-2.500	4.43	MS9566-54	5.875	5.065-5.125	7.42
MS9566-18	1.250	.440-.500	2.15	MS9566-39	3.375	2.565-2.625	4.58	MS9566-55	6.000	5.190-5.250	7.57
MS9566-19	1.312	.502-.562	2.22	MS9566-40	3.500	2.690-2.750	4.72	MS9566-56	6.125	5.315-5.375	7.71
MS9566-20	1.375	.565-.625	2.29	MS9566-41	3.625	2.815-2.875	4.85	MS9566-57	6.250	5.440-5.500	7.85
MS9566-21	1.438	.628-.688	2.36	MS9566-42	3.750	2.940-3.000	4.99	MS9566-58	6.375	5.565-5.625	7.99
MS9566-22	1.500	.690-.750	2.43	MS9566-43	3.875	3.065-3.125	5.13	MS9566-59	6.500	5.690-5.750	8.13
MS9566-23	1.562	.752-.812	2.50	MS9566-44	4.000	3.190-3.250	5.27	MS9566-60	6.625	5.815-5.875	8.27
MS9566-24	1.625	.815-.875	2.57	MS9566-45	4.125	3.315-3.375	5.42	MS9566-61	6.750	5.940-6.000	8.41
								MS9566-62	6.875	6.065-6.125	8.55

- SHANK SHALL BE STRAIGHT WITHIN .003 TOTAL PER INCH OF BOLT LENGTH.
- THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
- THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .007 FIR.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5731.
- MANUFACTURING SPECIFICATION: AMS 7477.
- FLOUORESCENT 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 ± .010, ANGULAR DIMENSIONS ± 5°.
- DO NOT USE UNASSIGNED PART NUMBERS.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.  
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE AIR AND SPACE PART STANDARDS DIVISION.

P.A. USAP - 11	TITLE	<b>MILITARY STANDARD</b> <b>MS9566</b>
Other Cust	BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, AMS 5731, .250-28UNF-3A	
NAVY - AS ARMY - AV		
PROCUREMENT SPECIFICATION	SUPSEDES.	SHEET 1 OF 1

User activities: Review activities: USAP - 02, 05, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 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