



PART NO.	L	K	APPROX WEIGHT TL/100	PART NO.	L	K	APPROX WEIGHT TL/100	PART NO.	L	K	APPROX WEIGHT TL/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	7.86	
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	8.00	
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	8.14	
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	8.29	
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	8.43	

- 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.

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P.A. USAP - 11	TITLE	MILITARY STANDARD MS9566
Other Cust	BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, AMS 5731, .250-28/UN7-3A	
NAVY - AS ARMY - AV		
PROCUREMENT SPECIFICATION	SUPersedes	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, 100
 This military standard is approved by the Department of Defense and is mandatory on all activities. Submission for all new engineering and design specifications and for repetitive work shall be made from this document.

APPROVED 16 Dec 65 REVISED 17 Nov 67