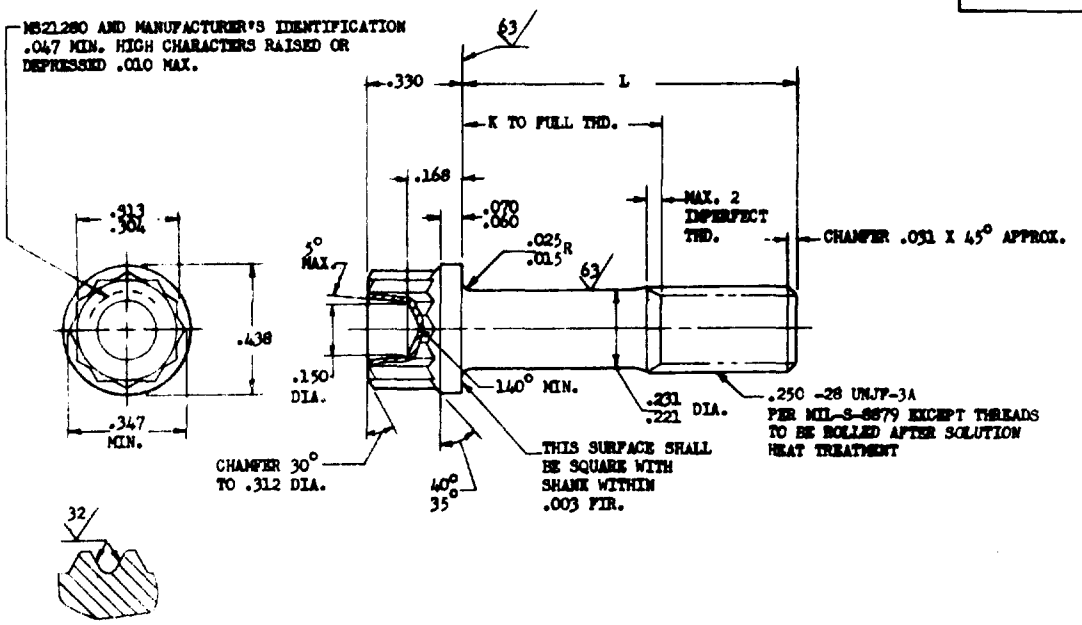
FED. SUP CLASS
5306



SECTION THRU THREAD PROFILE

PART NO.	L	K +.000 -.060	APPROX. WEIGHT LB/100	PART NO.	L	K +.000 -.060	APPROX. WEIGHT LB/100	PART NO.	L	K +.000 -.060	APPROX. WEIGHT LB/100
MS21280-05	.438	(a)	1.22	MS21280-23	1.562	.812	2.50	MS21280-41	3.625	2.875	4.85
MS21280-06	.500	(a)	1.29	MS21280-24	1.625	.875	2.57	MS21280-42	3.750	3.000	4.99
MS21280-07	.562	(a)	1.36	MS21280-25	1.688	.938	2.64	MS21280-43	3.875	3.125	5.13
MS21280-08	.625	(a)	1.44	MS21280-26	1.750	1.000	2.72	MS21280-44	4.000	3.250	5.27
MS21280-09	.688	(a)	1.51	MS21280-27	1.875	1.125	2.86	MS21280-45	4.125	3.375	5.42
MS21280-10	.750	(a)	1.58	MS21280-28	2.000	1.250	3.00	MS21280-46	4.250	3.500	5.56
MS21280-11	.812	(a)	1.65	MS21280-29	2.125	1.375	3.14	MS21280-47	4.375	3.625	5.71
MS21280-12	.875	.125	1.72	MS21280-30	2.250	1.500	3.29	MS21280-48	4.500	3.750	5.85
MS21280-13	.938	.188	1.79	MS21280-31	2.375	1.625	3.43	MS21280-49	4.625	3.875	6.00
MS21280-14	1.000	.250	1.86	MS21280-32	2.500	1.750	3.57	MS21280-50	4.750	4.000	6.14
MS21280-15	1.062	.312	1.93	MS21280-33	2.625	1.875	3.71	MS21280-51	4.875	4.125	6.29
MS21280-16	1.125	.375	2.00	MS21280-34	2.750	2.000	3.85	MS21280-52	5.000	4.250	6.43
MS21280-17	1.188	.438	2.08	MS21280-35	2.875	2.125	4.00	MS21280-53	5.125	4.375	6.56
MS21280-18	1.250	.500	2.15	MS21280-36	3.000	2.250	4.14	MS21280-54	5.250	4.500	6.70
MS21280-19	1.312	.562	2.22	MS21280-37	3.125	2.375	4.29	MS21280-55	5.375	4.625	6.84
MS21280-20	1.375	.625	2.29	MS21280-38	3.250	2.500	4.43	MS21280-56	5.500	4.750	6.99
MS21280-21	1.438	.688	2.36	MS21280-39	3.375	2.625	4.58	MS21280-57	5.625	4.875	7.13
MS21280-22	1.500	.750	2.43	MS21280-40	3.500	2.750	4.72	MS21280-58	5.750	5.000	7.28
								MS21280-59	5.875	5.125	7.42
								MS21280-60	6.000	5.250	7.57

(a) THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS. EXCEPT INCOMPLETE THREADS NOT TO ENTER FILLET RADIUS.

NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .003 FIR. PER INCH OF BOLT LENGTH.
(2) THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
(3) THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON O.D. SHALL BE WITHIN .013 FIR.

MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5735
MANUFACTURING SPECIFICATION: AMS 7478 EXCEPT HEADS TO BE FORMED BY HOT OR COLD UPSETTING.
PART SUBJECT TO FLUORESCENT PENETRANT INSPECTION PER AMS 2645
SURFACE ROUGHNESS: MIL-STD-10 . UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES.
BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES; LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±5°
DO NOT USE UNASSIGNED PART NUMBERS.

APPROVED 1 May [illegible] REVISED (A) 24 Oct [illegible] (B) 17 Sep 63

P.A. Navy - Wep Other Cust Air Force - ASD	TITLE BOLT, MACHINE - STEEL, DOUBLE HEXAGON, EXTENDED WASHER, .250-28 (MIL-S-8879 THREAD) (B)	MILITARY STANDARD MS21280 (ASG)
PROCUREMENT SPECIFICATION NONE	SUPERSEDES.	SHEET 1 OF 1

This stand [illegible] approved by [illegible] Department of the Navy) and [illegible] Department [illegible] and is mandatory for use by [illegible] other military activities are required [illegible] employ this standard where suitable.

DD FORM 1 SEP 57 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.