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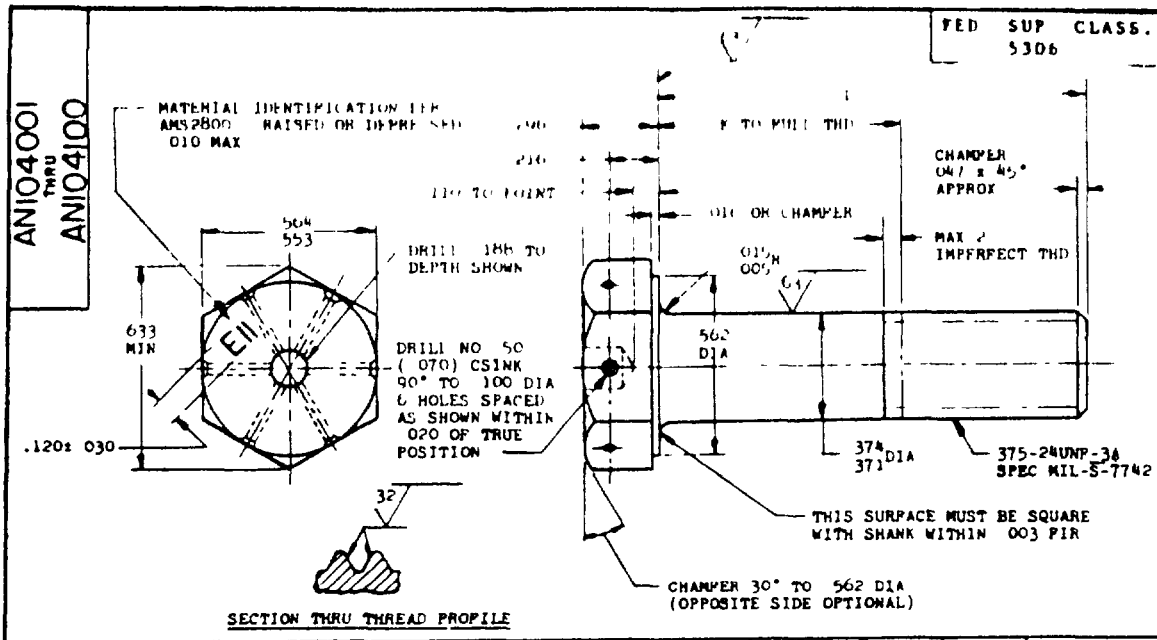
AN104001 THRU AN104100

FED SUP CLASS. 5306



SECTION THRU THREAD PROFILE

L	K +.000 -.060	PART NO	L	K +.000 -.060	PART NO	L	K +.000 -.060	PART NO	L	K +.000 -.060	PART NO
			1 438	438	AN104019	2 625	1 625	AN104033	4 375	3 375	AN104047
625	(a)	AN104006	1 500	500	AN104020	2 750	1 750	AN104034	4 500	3 500	AN104048
688	(a)	AN104007	1 562	562	AN104021	2 875	1 875	AN104035	4 625	3 625	AN104049
.750	(a)	AN104008	1 625	625	AN104022	3 000	2 000	AN104036	4 750	3 750	AN104050
812	(a)	AN104009	1 688	688	AN104023	3 125	2 125	AN104037	4 875	3 875	AN104051
.875	(a)	AN104010	1 750	750	AN104024	3.250	2.250	AN104038	5 000	4.000	AN104052
.938	(a)	AN104011	1 812	812	AN104025	3 375	2 375	AN104039	5 125	4.125	AN104053
1.000	(a)	AN104012	1 875	875	AN104026	3 500	2 500	AN104040	5 250	4.250	AN104054
1 062	(a)	AN104013	1 938	938	AN104027	3 625	2 625	AN104041	5 375	4 375	AN104055
1.125	125	AN104014	2 000	1.000	AN104028	3 750	2 750	AN104042	5 500	4 500	AN104056
1.188	188	AN104015	2 125	1 125	AN104029	3 875	2.875	AN104043	5 625	4 625	AN104057
1.250	.250	AN104016	2 250	1.250	AN104030	4 000	3 000	AN104044	5 750	4 750	AN104058
1 312	312	AN104017	2 375	1 375	AN104031	4 125	3 125	AN104045	5 875	4.875	AN104059
1 375	375	AN104018	2 500	1 500	AN104032	4 250	3 250	AN104046	6 000	5 000	AN104060

(a) THREAD TO HEAD MAXIMUM TWO IMPERFECT THREADS

NOTE (1) SHANK SHALL BE STRAIGHT WITHIN .0025 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 HEXAGON SHALL BE WITHIN .017 FIR

MATERIAL: STEEL AMS6322

HARDNESS: ROCKWELL C26-32

FINISH: CADMIUM PLATE AMS2400

SURFACE ROUGHNESS AS107

MANUFACTURING SPECIFICATION AMS7452

(3) INSPECTION: ALL PARTS SHALL UNDERGO MAGNETIC INSPECTION IN ACCORDANCE WITH AMS2640

BREAK SHARP EDGES .003- 015 UNLESS OTHERWISE SPECIFIED

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES; LINEAR DIMENSIONS ± 010, ANGULAR DIMENSIONS ±2°

DO NOT USE UNASSIGNED PART NUMBERS

INACTIVE FOR NEW DESIGN AFTER 3 MARCH 1969 NO SUPERSEDING STANDARD

THIS STANDARD WAS DEVELOPED COOPERATIVELY BY THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE

APPROVED 8 June 49 REVISED (1) 11 Aug 52 (2) 3 Mar 69 (3) 30 June 84

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

P A AF-11 CUST. NAVY-AS ARMY-AV	AIR FORCE-NAVY AERONAUTICAL STANDARD BOLT - DRILLED HEX HEAD, 6 HOLES, 375 24	AN104001 THRU AN104100

Project No. 5306-1024