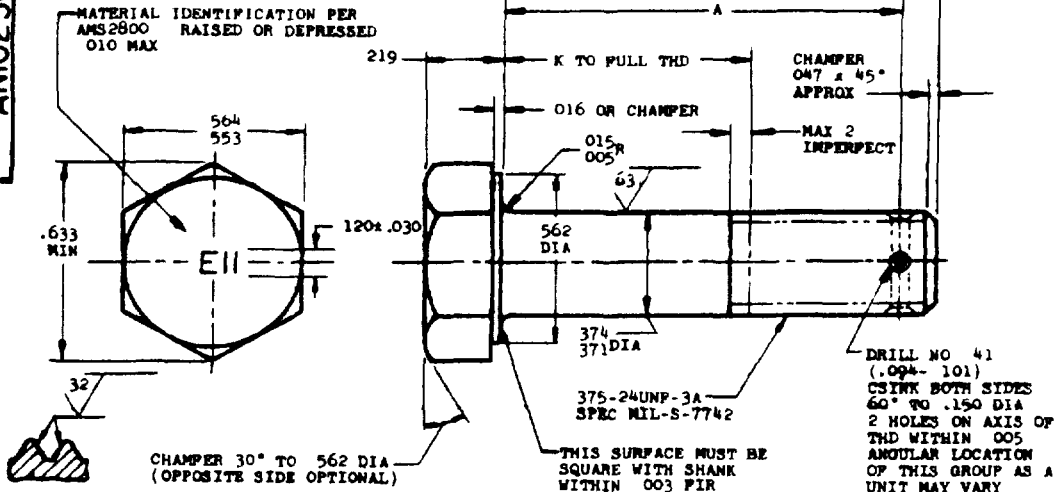


FED SUP. CLASS.
5306

AN102201
THRU
AN102300



SECTION THRU THREAD PROFILE

L	A	K + .000 - .060	PART NO	L	A	K + .000 - .060	PART NO	L	A	K + .000 - .060	PART NO
750	610	(a)	AN102206	2 125	1 985	1 375	AN102225	4 750	4 610	4 000	AN102246
				2 250	2 110	1 500	AN102226	4 875	4 735	4 125	AN102247
				2 375	2 235	1.625	AN102227	5 000	4 860	4 250	AN102248
812	.672	(a)	AN102207	2 500	2 360	1 750	AN102228	5 125	4 985	4 375	AN102249
875	.735	125	AN102208	2.625	2 485	1 875	AN102229	5 250	5 110	4 500	AN102250
938	.798	188	AN102209	2 750	2 610	2 000	AN102230	5 375	5 235	4 625	AN102251
1 000	.860	.250	AN102210	2.875	2.735	2 125	AN102231	5 500	5 360	4 750	AN102252
1.062	.922	312	AN102211	3.000	2 860	2 250	AN102232	5 625	5 485	4 875	AN102253
1 125	.985	375	AN102212	3 125	2 985	2 375	AN102233	5.750	5 610	5 000	AN102254
1.188	1 048	438	AN102213	3 250	3.110	2 500	AN102234	5.875	5 735	5 125	AN102255
1.250	1 110	500	AN102214	3 375	3.235	2 625	AN102235	6.000	5.860	5 250	AN102256
1.312	1.172	562	AN102215	3 500	3 360	2 750	AN102236				
1 375	1.235	625	AN102216	3.625	3 485	2 875	AN102237				
1.438	1.298	688	AN102217	3 750	3.610	3 000	AN102238				
1.500	1.360	750	AN102218	3 875	3 735	3 125	AN102239				
1 562	1.422	.812	AN102219	4.000	3.860	3.250	AN102240				
1.625	1.485	875	AN102220	4 125	3 985	3 375	AN102241				
1.688	1.548	.938	AN102221	4.250	4 110	3 500	AN102242				
1 750	1.610	1 000	AN102222	4 375	4 235	3.625	AN102243				
1.875	1.735	1.125	AN102223	4 500	4 360	3.750	AN102244				
2.000	1.860	1.250	AN102224	4.625	4 485	3 875	AN102245				

(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 AMS8640

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

P.A. AF-II
 CUST. NAVY-AS
 ARMY-AV

AIR FORCE-NAVY AERONAUTICAL STANDARD

BOLT - HEX HEAD, DRILLED SHANK, 375-24

AN102201

THRU

AN102300

APPROVED 8 June 49 REVISED 31 Aug 51

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited

NOTE: This drawing was prepared by the Section of the AF, Navy and Army Departments by the Air Force-Naval-Army Standardization Board. It is a standard drawing for the purpose of interchangeability of parts. It is not intended to be used for the design of new parts. It is not intended to be used for the design of new parts. It is not intended to be used for the design of new parts.