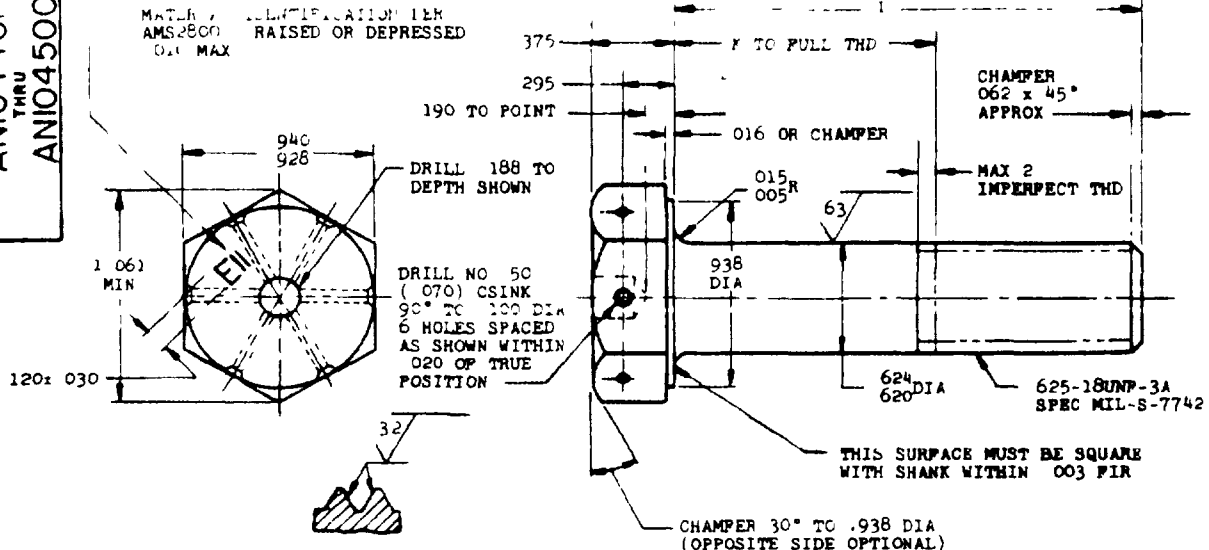


AN104401
THRU
AN104500



SECTION THRU THREAD PROFILE

L	K	PART NO	L	K	PART NO	L	K	PART NO	L	K	PART NO
	+ .000 - .50			+ .000 - .60			+ .000 - .60			+ .000 - .060	
			2 48	438	AN104417	3 125	1 625	AN104431	4 875	3 375	AN104445
			2 000	500	AN104418	3 250	1 750	AN104432	5 000	3 500	AN104446
			2 062	562	AN104419	3 375	1 875	AN104433	5 125	3 625	AN104447
1 250	(a)	AN104400	2 125	625	AN104420	3 500	2 000	AN104434	5.250	3 750	AN104448
1 312	(a)	AN104407	2 188	688	AN104421	3 625	2 125	AN104435	5 375	3.875	AN104449
1 375	(a)	AN104408	2 250	750	AN104422	3 750	2 250	AN104436	5 500	4 000	AN104450
1 438	(a)	AN104409	2 312	712	AN104423	3 875	2 375	AN104437	5 625	4 125	AN104451
1 500	(a)	AN104410	2 375	775	AN104424	4 000	2 500	AN104438	5 750	4 250	AN104452
1 562	(a)	AN104411	2 438	838	AN104425	4 125	2 625	AN104439	5 875	4 375	AN104453
1 625	(a)	AN104412	2 500	900	AN104426	4 250	2 750	AN104440	6 000	4 500	AN104454
1 688	188	AN104413	2 625	1 125	AN104427	4 375	2 875	AN104441			
1 750	250	AN104414	2 750	1 250	AN104428	4 500	3 000	AN104442			
1 812	412	AN104415	2 875	1 375	AN104429	4 625	3 125	AN104443			
1 875	375	AN104416	2 938	1 500	AN104430	4 750	3 250	AN104444			

(a) THREAD TO HEAD MAXIMUM TWO IMPERFECT THREADS
 NOTE (1) SHANK SHALL BE STRAIGHT WITHIN .002 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 .028 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

P.A AF-11 CUST. NAVY-AS ARMY-AV	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN104401 THRU AN104500
	BOLT - DRILLED HEX HEAD, 6 HOLES, 625-18	

Approved for public release distribution is unlimited

APPROVED 8 June 49 REVISED 1 32 Aug 54 2 3 Mar 69 3 30 June 68

NOTICE: When so indicated on this drawing, the use of other data is authorized for any part which, when in connection with a definite, stated design, is not a part of the design. The use of other data is not to be construed as a recommendation or approval of the use of such data. The use of other data is not to be construed as a recommendation or approval of the use of such data. The use of other data is not to be construed as a recommendation or approval of the use of such data.