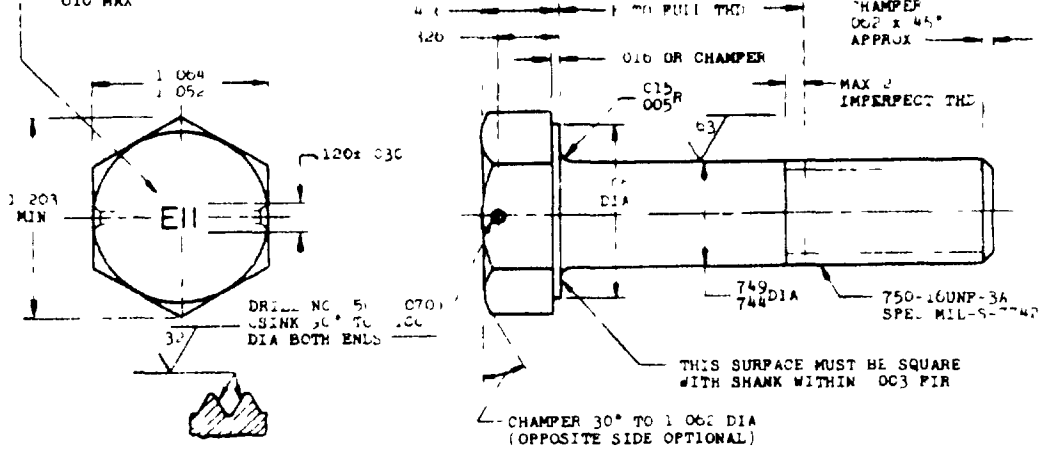


AN103601
THRU
AN103700

MATERIAL SPECIFICATION PER
AMS2800
010 MAX



SECTION THRU THREAD PROFILE

HEAD DIA	HEAD THICK	HEAD DIA	HEAD THICK	PART NO	SHANK DIA	SHANK LENGTH	PART NO	SHANK DIA	SHANK LENGTH	PART NO
1.180	0.438	AN103617	3.375	1.025	AN103631	5.125	3.375	AN103644		
1.250	0.500	AN103618	3.500	1.750	AN103632	5.250	3.500	AN103646		
1.312	0.562	AN103619	3.625	1.875	AN103633	5.375	3.625	AN103647		
1.500	0.375	AN103620	3.750	2.000	AN103634	5.500	3.750	AN103648		
1.562	0.438	AN103621	3.875	2.125	AN103635	5.625	3.875	AN103649		
1.625	0.500	AN103622	4.000	2.250	AN103636	5.750	4.000	AN103650		
1.688	0.562	AN103623	4.125	2.375	AN103637	5.875	4.125	AN103651		
1.750	0.625	AN103624	4.250	2.500	AN103638	6.000	4.250	AN103652		
1.812	0.688	AN103625	4.375	2.625	AN103639					
1.875	0.750	AN103626	4.500	2.750	AN103640					
1.938	0.812	AN103627	4.625	2.875	AN103641					
2.000	0.875	AN103628	4.750	3.000	AN103642					
2.062	0.938	AN103629	4.875	3.125	AN103643					
2.125	1.000	AN103630	5.000	3.250	AN103644					

(a) THREAD TO HEAD MAXIMUM TWO IMPERFECT THREADS

- 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 HEXAGON SHALL BE WITHIN .032 FIR

MATERIAL STEEL AMS632

HARDNESS ROUGHNESS 1.0

FINISH CADMIUM PLATE AMS2400

SURFACE ROUGHNESS .8

MANUFACTURING SPECIFICATION AMS7452

3 INSPECTION ALL PARTS SHALL UNDERGO MAGNETIC INSPECTION IN ACCORDANCE WITH AMS2640

BREAK SHARP EDGES .003 DI UNLESS OTHERWISE SPECIFIED

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES LINEAR DIMENSIONS ± .010 ANGULAR

DIMENS UN . . .

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

PA AF-11
CUST NAVY-AS
ARMY-AV

AIR FORCE-NAVY AERONAUTICAL STANDARD

BOLT DRILLED HEX HEAD, 1 HOLE, 750-16

AN103601

THRU

AN103700