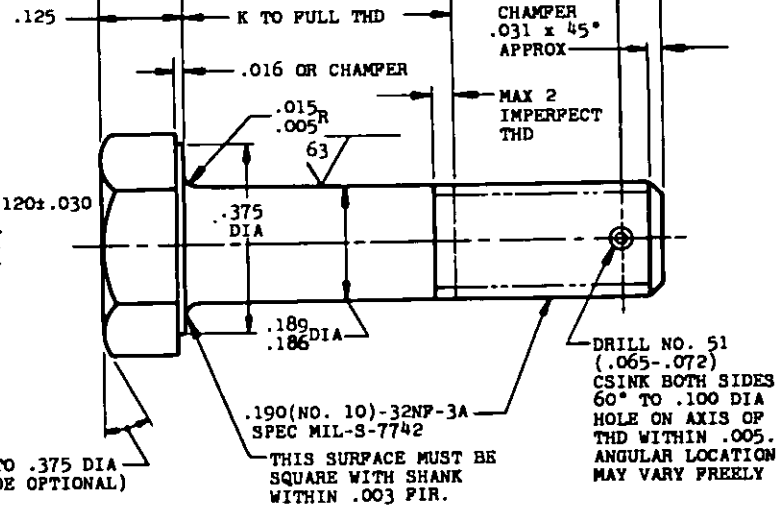
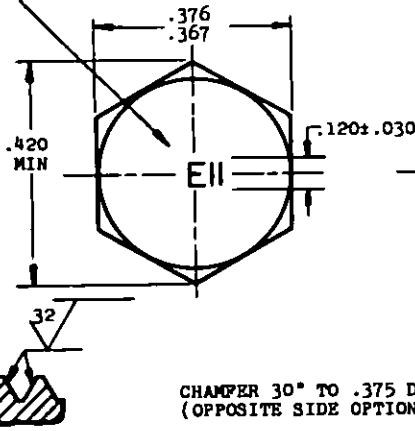


FED. SUP CLASS.
5306

AN101901
THRU
AN102000

MATERIAL IDENTIFICATION PER
AMS2800. RAISED OR DEPRESSED
.010 MAX



DRILL NO. 51
(.065-.072)
CSINK BOTH SIDES
60° TO .100 DIA
HOLE ON AXIS OF
THD WITHIN .005.
ANGULAR LOCATION
MAY VARY FREELY

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.
				1.250	1.140	.688	AN101920	3.625	3.515	3.062	AN101941
				1.312	1.202	.750	AN101921	3.750	3.640	3.188	AN101942
				1.375	1.265	.812	AN101922	3.875	3.765	3.312	AN101943
				1.438	1.328	.875	AN101923				
				1.500	1.390	.938	AN101924				
				1.625	1.515	1.062	AN101925				
				1.750	1.640	1.188	AN101926				
.375	.265	(a)	AN101906	1.875	1.765	1.312	AN101927				
.438	.328	(a)	AN101907	2.000	1.890	1.438	AN101928				
.500	.390	(a)	AN101908	2.125	2.015	1.562	AN101929				
.562	.452	(a)	AN101909	2.250	2.140	1.688	AN101930				
.625	.515	(a)	AN101910	2.375	2.265	1.812	AN101931				
.688	.578	.125	AN101911	2.500	2.390	1.938	AN101932				
.750	.640	.188	AN101912	2.625	2.515	2.062	AN101933				
.812	.702	.250	AN101913	2.750	2.640	2.188	AN101934				
.875	.765	.312	AN101914	2.875	2.765	2.312	AN101935				
.938	.828	.375	AN101915	3.000	2.890	2.438	AN101936				
1.000	.890	.438	AN101916	3.125	3.015	2.562	AN101937				
1.062	.952	.500	AN101917	3.250	3.140	2.688	AN101938				
1.125	1.015	.562	AN101918	3.375	3.265	2.812	AN101939				
1.188	1.078	.625	AN101919	3.500	3.390	2.938	AN101940				

(a) THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS.

- NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .004 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 .011 FIR.

MATERIAL: STEEL AMS6322
HARDNESS: ROCKWELL C26-32
FINISH: CADMIUM PLATE AMS2400
SURFACE ROUGHNESS: AS107

MANUFACTURING SPECIFICATION: AMS7452 PARTS SUBJECT TO MAGNETIC INSPECTION PER AMS2640.
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	AN101901 THRU AN102000
	BOLT - HEX HEAD, DRILLED SHANK, .190-32	

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NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the AF-Personal-Shop standard for this product. This drawing supersedes all individual standard drawings for the same product and shall become effective for the procurement of conventional supplies, or for use in new designs, not later than 6 months after the latest date of approval above.

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement contract, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner constituting an authorization, or conveying any rights or permissions in manufacture, use, or sale of any patented invention that may in any way be related thereto.

APPROVED 8 June 49 REVISED 1 Jul Aug 54 3 Mar 69 30 June 1988