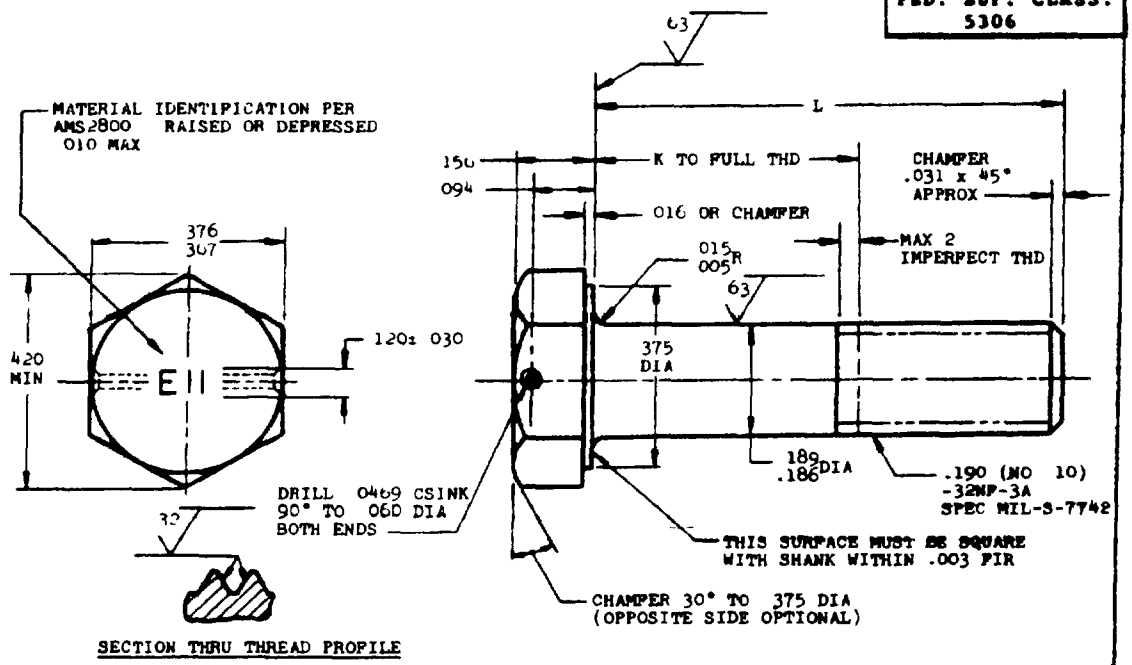
AN102801 THRU AN102900

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
			938	312	AN102815	2 250	1 625	AN102830			
			1 000	375	AN102816	2 375	1 750	AN102831			
			1.062	438	AN102817	2 500	1.875	AN102832			
			1 125	500	AN102818	2 625	2.000	AN102833			
			1 188	562	AN102819	2 750	2 125	AN102834			
			1 250	625	AN102820	2 875	2.250	AN102835			
375	(a)	AN102806	1 312	.688	AN102821	3 000	2 375	AN102836			
.438	(a)	AN102807	1 375	.750	AN102822	3 125	2.500	AN102837			
.500	(a)	AN102808	1 438	.812	AN102823	3.250	2.625	AN102838			
.562	(a)	AN102809	1 500	875	AN102824	3 375	2 750	AN102839			
625	(a)	AN102810	1 625	1 000	AN102825	3 500	2 875	AN102840			
688	(a)	AN102811	1 750	1 125	AN102826	3.625	3.000	AN102841			
750	.125	AN102812	1.875	1 250	AN102827	3 750	3 125	AN102842			
.812	.188	AN102813	2.000	1 375	AN102828	3.875	3.250	AN102843			
.875	250	AN102814	2 125	1 500	AN102829						

(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

(3) INSPECTION ALL PARTS SHALL UNDERGO MAGNETIC INSPECTION IN ACCORDANCE WITH AMS3040

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

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

INACTIVE FOR NEW DESIGN AFTER 3 MARCH 1969
NO SUPERSEDING STANDARD

APPROVED 8 June 49 REVISED (1) 31 Aug 54 (2) 3 Mar 60 (3) 30 June 86

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P.A. AF-11 CUST. NAVY-AS ARMY-AV	AIR FORCE-NAVY AERONAUTICAL STANDARD BOLT - DRILLED HEX HEAD, 1 HOLE, 190-32	AN102801 THRU AN102900

Project No. 5306-1013