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AS115401 THRU
AS115450

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5305

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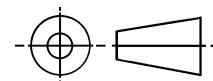
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THIRD ANGLE PROJECTION



PREPARED BY COMMITTEE E-25

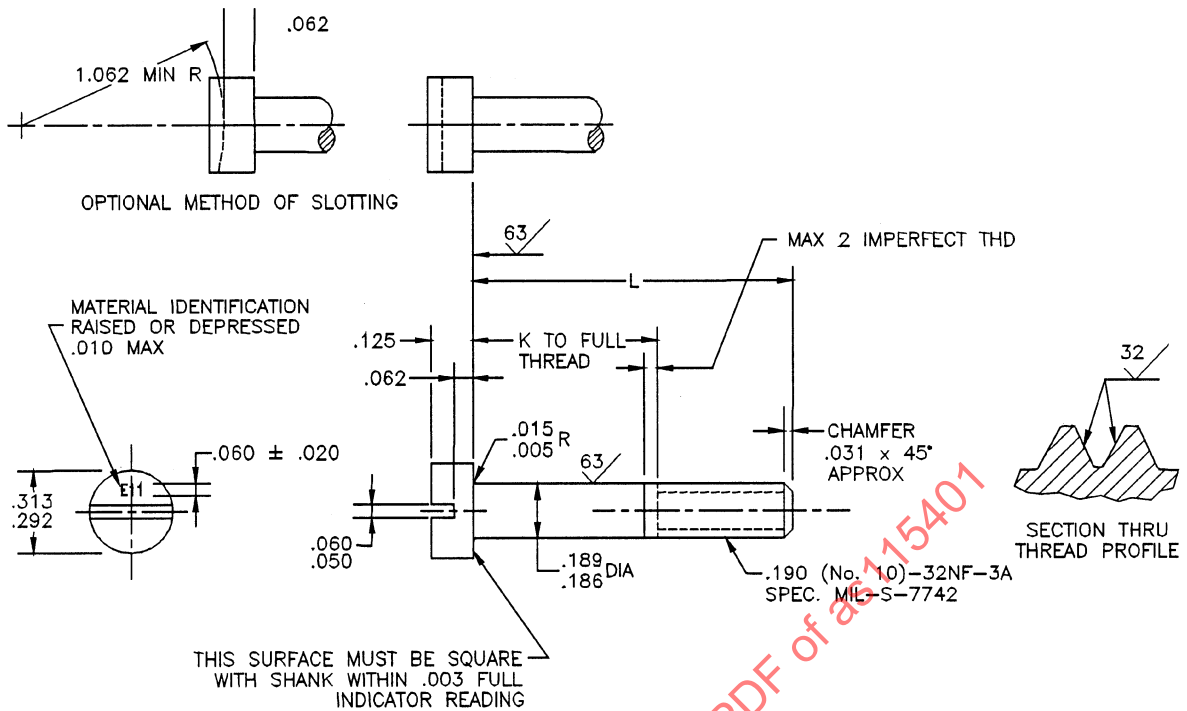
SAE Aerospace
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AEROSPACE STANDARD

SCREW - FLAT FILLISTER HEAD, .190-32

AS115401 THRU
AS115450
SHEET 1 OF 3

ISSUED 1998-08 REAFFIRMED 2004-02



L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.
.250	(a)	AN115405	1.000	.438	AN115417	2.000	1.438	AN115429
.312	(a)	AN115406	1.062	.500	AN115418	2.125	1.562	AN115430
.375	(a)	AN115407	1.125	.562	AN115419	2.250	1.688	AN115431
.438	(a)	AN115408	1.188	.625	AN115420	2.375	1.812	AN115432
.500	(a)	AN115409	1.250	.688	AN115421	2.500	1.938	AN115433
.562	(a)	AN115410	1.312	.750	AN115422	2.625	2.062	AN115434
.625	(a)	AN115411	1.375	.812	AN115423	2.750	2.188	AN115435
.688	.125	AN115412	1.438	.875	AN115424	2.875	2.312	AN115436
.750	.188	AN115413	1.500	.938	AN115425	3.000	2.438	AN115437
.812	.250	AN115414	1.625	1.062	AN115426			
.875	.312	AN115415	1.750	1.188	AN115427			
.938	.375	AN115416	1.875	1.312	AN115428			

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

NOTE: (1) THE RUNOUT FOR STRAIGHTNESS OF SHANK SHALL NOT EXCEED .004 FIR PER INCH OF SCREW 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 HEAD SHALL BE WITHIN .010 FIR.

MATERIAL: STEEL AMS 6322

HARDNESS: ROCKWELL C26-32

FINISH: CADMIUM PLATE AMS 2400

SURFACE ROUGHNESS: AS 107

MANUFACTURING SPECIFICATION: AMS 7452