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REV.
A

AS3508

FEDERAL SUPPLY CLASS
5340

RATIONALE

REVISE THREAD SPECIFICATION TO AS8879. ADD MAX RAD TO BOTTOM OF CBORE, ADD ANSI Y14.5M-1982. REVISE COUNTERBORE DEPTH, DIM F, FOR HOLES WITH SERRATIONS, REVISE DIM B TOLERANCE, ADD NOTE FOR FULL THREAD DEPTH IN BLIND HOLES, GENERAL EDITORIAL UPDATE INCLUDING FIGURE 1 REDRAWN UPDATED AND TABLE 1 FORMAT UPDATED.

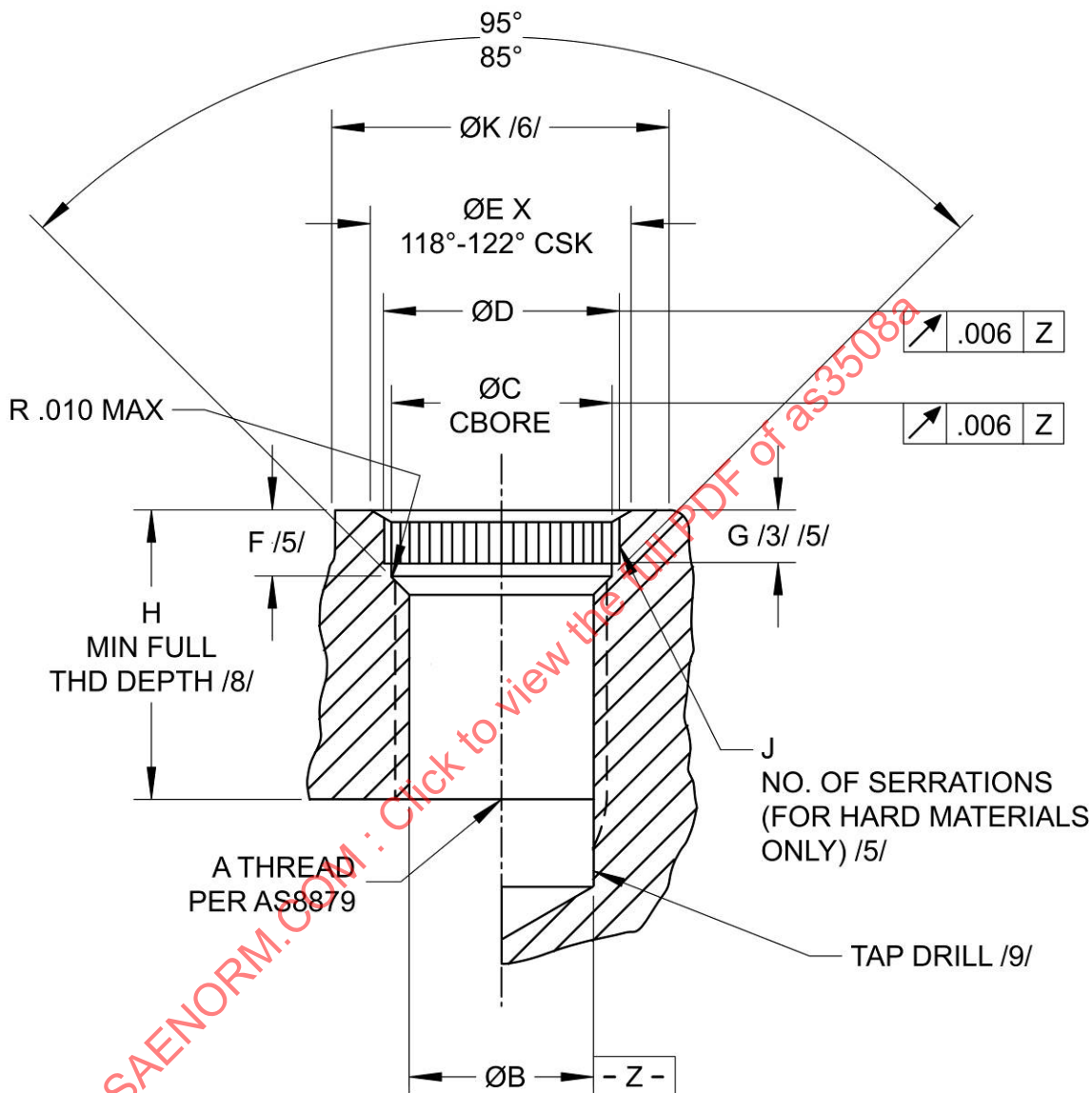
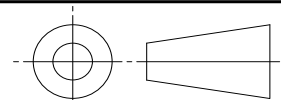


FIGURE 1 - INSERT INSTALLATION HOLE PREPARATION

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3508A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

INSERT - THIN WALL,
SHORT AND LONG
HOLE PREPARATION FOR

AS3508
SHEET 1 OF 3

REV.
A

TABLE 1A - IDENTIFICATION NUMBERS AND DIMENSIONS A, ØB, ØC, ØD, ØE, F, AND G

AS IDENT NUMBER	A THREAD AS8879	ØB TAP HOLE	ØC	ØD SERRATION MAJOR Ø	ØE	F CBORE DEPTH WITH SERRATIONS /5/	F CBORE DEPTH WITHOUT SERRATIONS /5/	G SERRATION DEPTH /5/
AS3508-01	.2500-28 UNJF-3B	.220-.226	.249-.254	.264-.269	.291-.303	.096-.107	.077-.087	.067-.087
AS3508-02	.3125-24 UNJF-3B	.280-.286	.311-.316	.334-.339	.358-.370	.096-.107	.077-.087	.067-.087
AS3508-03	.3750-24 UNJF-3B	.342-.348	.374-.379	.400-.405	.425-.437	.096-.107	.077-.087	.067-.087
AS3508-04	.4375-20 UNJF-3B	.403-.409	.436-.441	.457-.462	.480-.492	.128-.138	.108-.118	.098-.118
AS3508-05	.5000-20 UNJF-3B	.467-.473	.499-.504	.523-.528	.547-.559	.128-.138	.108-.118	.098-.118
AS3508-06	.5625-24 UNJEF-3B	.530-.536	.561-.566	.580-.585	.606-.618	.128-.138	.108-.118	.098-.118

TABLE 1B - AS IDENT NUMBERS AND DIMENSIONS H, J, AND ØK

AS IDENT NUMBER	H MIN THREAD DEPTH FOR AS3504 /8/	H MIN THREAD DEPTH FOR AS3505 /8/	J	ØK MIN BOSS DIA FOR AS3504 /6/	ØK MIN BOSS DIA FOR AS3505 /6/
AS3508-01	.325	.510	20	.410	.490
AS3508-02	.415	.630	24	.470	.550
AS3508-03	.505	.755	29	.540	.620
AS3508-04	.595	.910	34	.600	.680
AS3508-05	.695	1.035	39	.660	.740
AS3508-06	.785	1.160	44	.720	.800



AEROSPACE STANDARD

 INSERT - THIN WALL,
 SHORT AND LONG
 HOLE PREPARATION FOR

 AS3508
 SHEET 2 OF 3

 REV.
 A