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REV.
A

MA4187™

RATIONALE

FEDERAL SUPPLY CLASS
5305

DELETE RADII AT TRANSITION FROM WRENCHING FEATURE TO BASE FLANGE, ADD AS3062 FOR INCOMPLETE THREADS, FIGURE 1 RE-DRAWN WITH EDITORIAL UPDATES, UPDATE REFERENCES, ADD NEW NOTE FOR DISPOSITION OF EXISTING INVENTORY, GENERAL EDITORIAL REVISIONS THROUGHOUT.

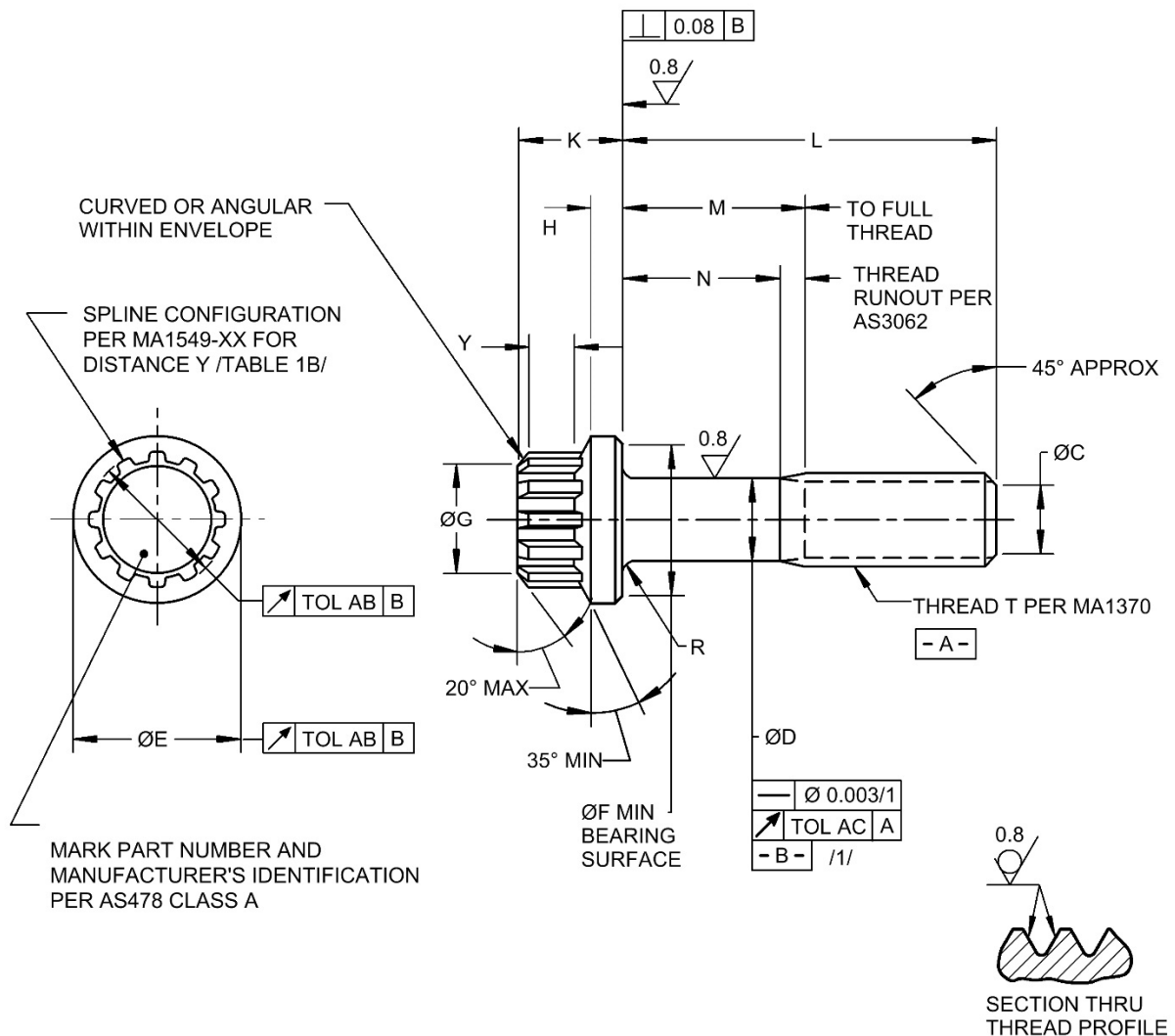
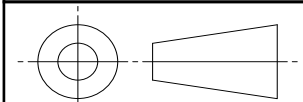


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/MA4187A/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25



METRIC AEROSPACE STANDARD

BOLT, MACHINE, SPLINE DRIVE,
SPECIAL EXTENDED WASHER, REDUCED HEAD,
PD SHANK, UNS N07718, METRIC

MA4187™
SHEET 1 OF 5

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Documents

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TABLE 1A - PART NUMBERS, NOM DIA, THREAD T, AND DIMENSIONS C, D, E, F, G, H, AND K

PART NUMBER /6/	NOM DIA	THREAD T	ØC	ØD	ØE MAX	F MIN	ØG MIN	H MIN	K
MA4187-0500XX	5	MJ5 x 0.8-4h6h	3.0-4.0	4.35-4.61	9.1	8.3	6.0	1.0	5.02-5.50
MA4187-0600XX	6	MJ6 x 1-4h6h	3.7-4.7	5.22-5.48	10.6	9.8	7.0	1.2	5.90-6.50

TABLE 1B - PART NUMBERS AND DIMENSIONS R, Y, AB, AC, AND WRENCHING DASH NO.

PART NUMBER /6/	R	Y MIN	AB TOL	AC TOL	WRENCH CONFIGURATION DASH NO.
MA4187-0500XX	0.3-0.5	2.3	0.10	0.12	06
MA4187-0600XX	0.5-0.7	3.0	0.13	0.12	07

	METRIC AEROSPACE STANDARD	MA4187™ SHEET 2 OF 5	REV. 
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