

REV.
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AS90387™

FEDERAL SUPPLY CLASS
5120

RATIONALE

PROVIDE IMPROVED PERFORMANCE AND SIMPLIFY TOOL REPRESENTATION TO ACCOMMODATE ALL TOOLS IN ONE FIGURE.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81306.

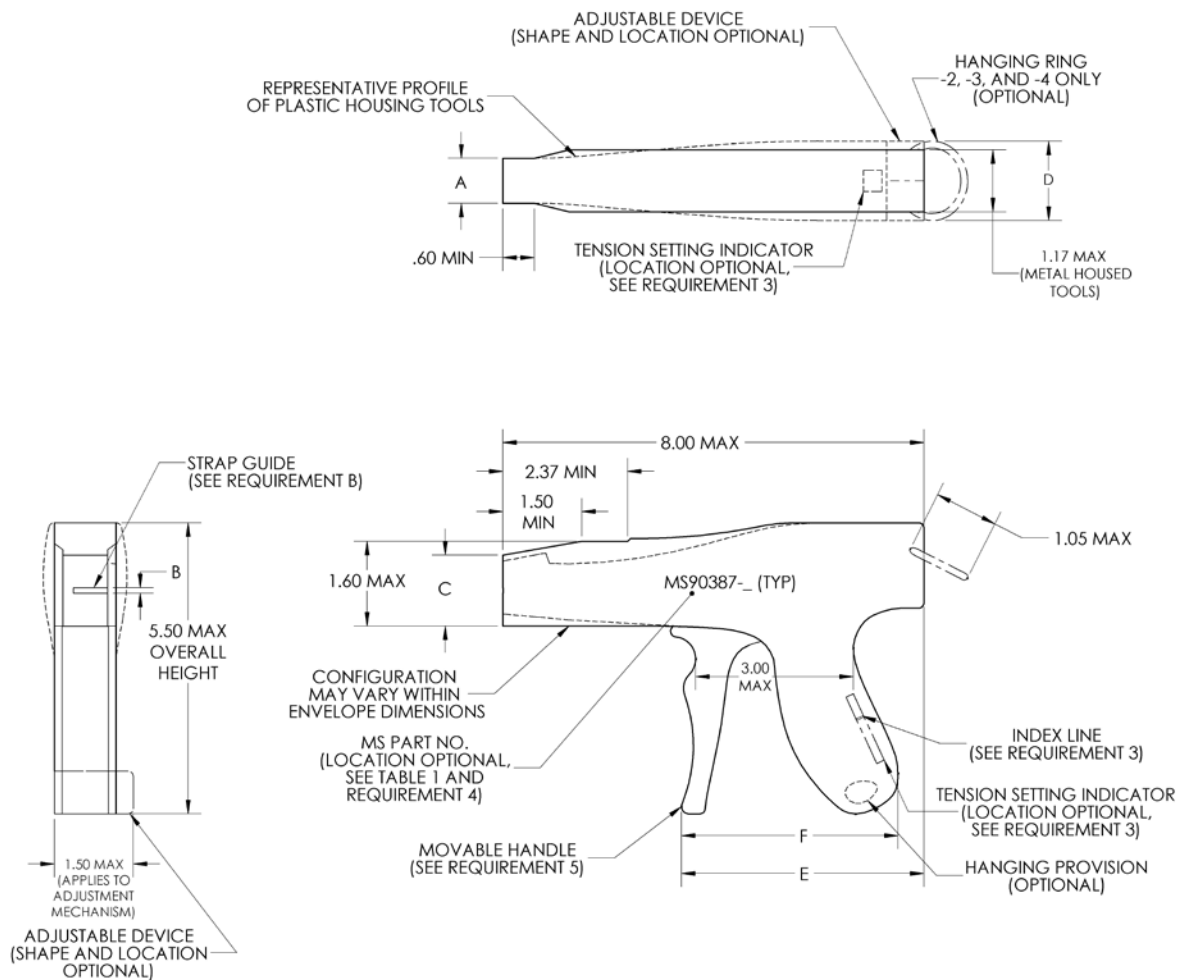
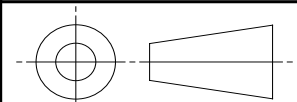


FIGURE 1 - MS90387 TOOL DIMENSIONS AND CONFIGURATION (SEE DESIGN REQUIREMENTS)

For more information on this standard, visit
<https://www.sae.org/standards/content/AS90387D/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C2

PROCUREMENT SPECIFICATION: AS81306



AEROSPACE STANDARD

(R) WIRING INSTALLATION TOOLS
FOR PLASTIC AND METAL TIEDOWN STRAPS

AS90387™
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TABLE 1 - FIGURE 1 DIMENSIONS (ALL UNITS ARE IN INCHES)

MS PART NO	TIE MATERIAL	FIGURE	A MAX	B MIN	B MAX	C MAX	D MAX 1/	E MAX	F MAX	INSTRUCTION FIELD COLOR
MS90387-1	PLASTIC	1	.65	.055	.070	1.00	N/A	4.63	4.30	BLACK
MS90387-2	PLASTIC	1	.85	.083	.105	1.34	1.20	4.63	4.30	RED
MS90387-3	METAL	1	1.16	.015	.045	1.48	1.20	4.63	4.05	BLACK
MS90387-4	PLASTIC	1	.85	.095	.105	1.34	1.20	4.63	4.05	BLUE
MS90387-5	PLASTIC	1	.65	.055	.070	1.00	N/A	4.30	3.60	MAROON

1/ N/A – NOT APPLICABLE

TABLE 2 - TOOL AND TIEDOWN STRAP CROSS-REFERENCE

TOOL		TIEDOWN STRAP SIZES			
MS PART NO.	TENSION SETTING RANGE (SEE APPLICATION NOTE 1)	TIE MATERIAL	MS PART NOS.	STRAP IDENTIFICATION CODE	STRAP MIN TENSILE, LB (REFERENCE)
MS90387-1 MS90387-5 (SEE APPLICATION NOTE 1)	1-3	PLASTIC	MS3367-4,-26,-30,-31,-32 MS3368-5	MIN (MINIATURE)	18
	3-5		MS3367-5,-27,-33,-34,-35	INT (INTERMEDIATE)	30
	6-8		MS3367-1,-2,-7,-23,-24, -29,-36,-37,-38,-39 MS3368-1,-2,-3,-4	STD (STANDARD)	50
MS90387-2	1-4	PLASTIC	MS3367-1,-2,-7,-23,-24, -29,-36,-37,-38,-39 MS3368-1,-2,-3,-4	STD (STANDARD)	50
	5-8		MS3367-3,-6,-8 TO -18, -25,-28,-40,-41	HVY (HEAVY)	120
MS90387-3	1-4	METAL	M23190/3-1 TO /3-4	STD (STANDARD)	100
	5-8		M23190/3-5 TO /3-9	HVY (HEAVY)	250
MS90387-4	1-4	PLASTIC	MS3367-3,-6,-8, -18 TO -25,-28,-40,-41	HVY (HEAVY)	120
	5-8		MS3367-19 TO -22	EH (EXTRA HEAVY)	250

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