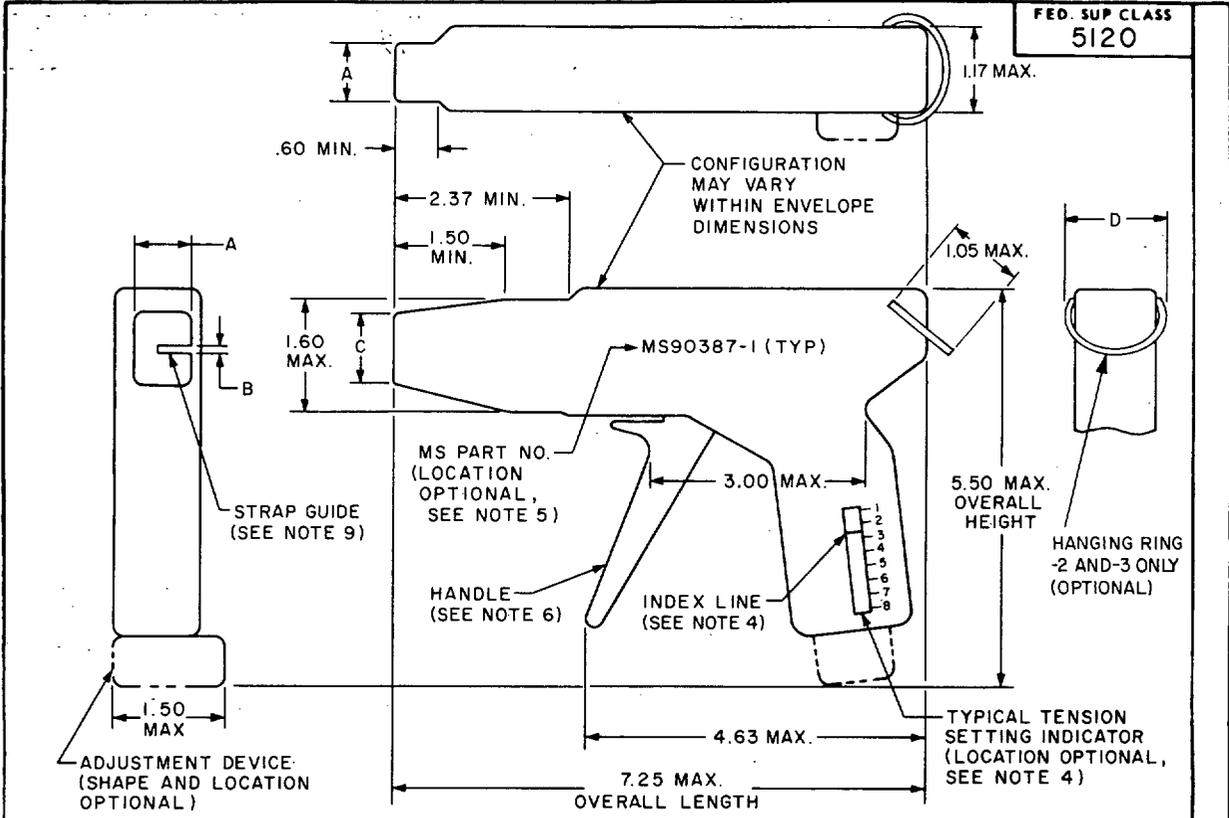


FED. SUP CLASS  
5120



USER SYMBOLS:  
NAVY - SH, OS

REVIEWER SYMBOLS:  
ARMY - EC  
NAVY - EC  
USAF - 11, 17, 95

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TABLE I

MS PART NO. (See Note 1)	A MAX	MIN	B MAX	C MAX	D MAX	INSTRUCTIONS FIELD COLOR
MS 90387-1	.65	.055	.065	1.00	N/A	BLACK
MS 90387-2	.78	.083	.090	1.34	1.20	RED
MS 90387-3		.025	.045			BLACK

TABLE II

TOOL		PLASTIC TIEDOWN STRAP SIZES		
MS PART NO.	TENSION SETTING RANGE (See Note 5)	MS PART NOS.	STRAP IDENTIFICATION CODE	STRAP MIN. TENSILE, LBS. (Reference)
MS 90387-1	1-3	MS 3367-4 MS 3368-5	MIN (Miniature)	18
	3-5	MS 3367-5	INT (Intermediate)	30
	6-8	MS 3367-1,-2,-7 MS 3368-1,-2,-3,-4	STD (Standard)	50
MS 90387-2	5-8	MS 3367-3,-6	HVY (Heavy)	120
MS 90387-3	1-4	M23190/3-1, /3-4	STD (Standard)	100
	5-8	M23190/3-5, /3-9	HVY (Heavy)	250

(G) DENOTES CHANGE

P.A. NAVY - AS. Other Cust ARMY - CR USAF - 85	TITLE (G) TOOL, HAND, ADJUSTABLE FOR PLASTIC AND METAL TIEDOWN STRAPS	MILITARY STANDARD <b>MS90387</b>
	PROCUREMENT SPECIFICATION MIL-T-81306	SUPERSEDES. MS17823 & MS17824 IN PART, MS90387 (AS)

APPROVED 29 JULY 1966 REVISED (G) 28 MARCH 1986

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	INCH	mm	INCH	mm	INCH	mm
ⓐ	.025	0.64	.65	16.51	2.37	60.20
	.045	1.14	.78	19.31	3.00	76.20
	.055	1.40	1.00	25.40	4.63	117.60
	.065	1.65	1.13	28.70	5.50	139.70
	.083	2.11	1.17	29.72	7.25	184.15
	.090	2.29	1.20	30.48		
	.60	15.24	1.34	34.04		
			1.50	38.10		
			1.60	40.64		

REQUIREMENTS:

1. FINISH: SEE PROCUREMENT SPECIFICATION.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. TOOLS SHALL HAVE NO BURRS, SHARP EDGES OR SHARP CORNERS.
3. METRIC EQUIVALENTS (TO THE NEAREST .01 mm) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 mm.
4. THE INDEX LINE AND EIGHT TENSION SETTING STATION LINES SHALL BE CLEAR AND DISTINGUISHABLE. INCREASING STATION LINE NUMBERS SHALL REPRESENT INCREASING TENSION LOAD. ADDITIONAL INFORMATION REGARDING INCREASING TENSION DIRECTION (SUCH AS INDICATING ARROWS), MAY BE ADDED AT MANUFACTURERS' OPTION.
5. INSTRUCTIONS AND PART NUMBERS SHALL HAVE WHITE OR SILVER LETTERING ON A FIELD COLORED AS SPECIFIED IN TABLE I AND SHALL BE SECURELY ATTACHED TO THE TOOL. TENSION SETTING RANGES CORRELATED TO THE STRAP IDENTIFICATION CODES SPECIFIED IN TABLE II SHALL BE INDICATED ON THE TOOL. THE TENSION SETTING RANGES SPECIFIED ARE FOR TYPICAL WIRE BUNDLE APPLICATIONS. SETTINGS LESS OR GREATER THAN THE RANGES SPECIFIED MAY BE NECESSARY FOR SPECIAL APPLICATIONS.
6. THE HANDLE SHALL BE SPRING RETURNED, SHALL FACILITATE GRASPING, AND SHALL BE COLORED SAME AS INSTRUCTIONS FIELD.
7. THE TOOL TENSION SETTING SHALL NOT CHANGE DURING CONSECUTIVE OPERATIONS.
8. THE TOOL SHALL TENSION AND AUTOMATICALLY SEVER THE STRAP WITHOUT DETRIMENT TO STRAP PERFORMANCE SPECIFIED BY MIL-S-23190. THE TOOL SHALL BE DESIGNED TO CUT THE STRAP PARALLEL WITH THE STRAP HEAD.
9. THE ENTRY EDGE(S) OF THE STRAP GUIDE SHALL PERMIT EASY ENTRY OF THE STRAP.
10. MS90387 TOOLS ARE THE ONLY TOOLS TO BE PROCURED AND STOCKED FOR GOVERNMENT USE.
11. PART NUMBER MS90387-1 REPLACES AND IS INTERCHANGEABLE WITH PART NUMBER MS17823-2. PART NUMBER MS90387-2 REPLACES AND IS INTERCHANGEABLE WITH PART NUMBER MS17824-2.
12. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
13. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSAL EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.

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APPROVED 29 JULY 1966 REVISED ⓐ FOR CHANGES SEE SHEETS 1 & 2.

P.A. NAVY - AS Other Cust  ARMY - CR USAF - 85	TITLE ⓐ TOOL, HAND, ADJUSTABLE FOR PLASTIC AND METAL TIEDOWN STRAPS	MILITARY STANDARD
		MS90387
PROCUREMENT SPECIFICATION MIL-T-81306	SUPERSEDES: MS17823 & MS17824 IN PART, MS90387 (AS)	SHEET 2 OF 2