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AS23190/3

FEDERAL SUPPLY CLASS
5975

NOTICE

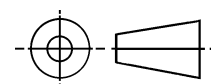
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THIRD ANGLE PROJECTION



ISSUED 1999-05 REAFFIRMED 2004-11

PREPARED BY SAE COMMITTEE E-25

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

STRAPS, CLAMPS, AND MOUNTING HARDWARE, PLASTIC AND METAL FOR CABLE HARNESS TYING AND SUPPORT STRAP, TIE DOWN, ADJUSTABLE, CORROSION RESISTANT STEEL
TYPE VI, CLASS 1

AS23190/3
SHEET 1 OF 4

THE COMPLETE REQUIREMENTS FOR ACQUIRING THE STRAP DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE ISSUE IN EFFECT OF SPECIFICATION MIL-S-23190.

AS23190/3

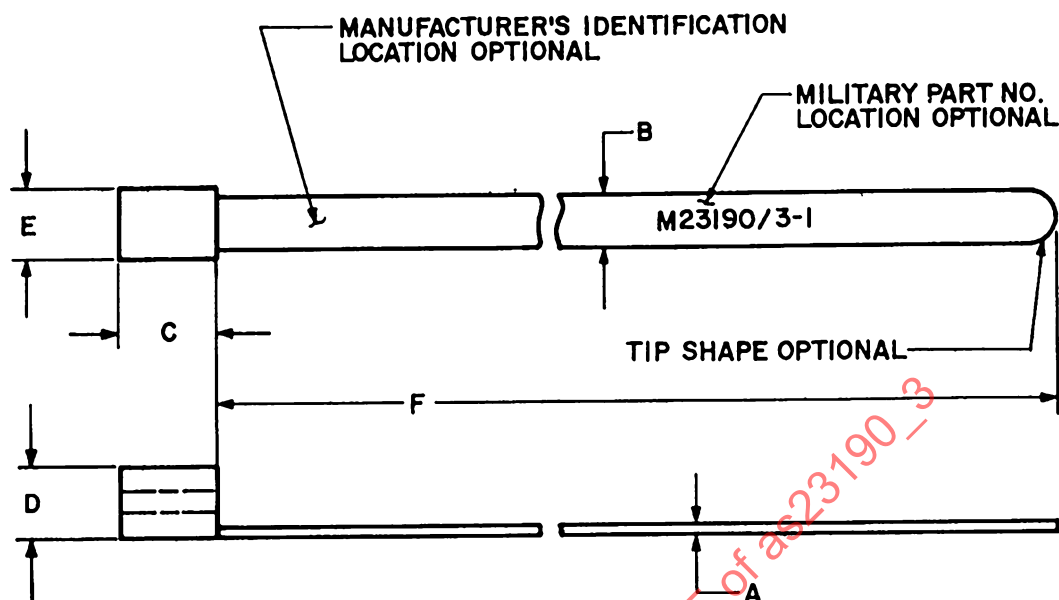


TABLE I.

Dash Number	Bundle Dia Inch		A Max	B Max	C Max	D Max	E Max	F Min	Min Tensile Strength Lb	Strap Identification Code (See Note 5)	MS Installation Tool	Tool Tension Setting Range (See Note 4)
	Min	Max										
1	3/4	2	.015	.20	.46	.18	.25	7.0	100	STD (STANDARD)	MS90387-3	1 TO 4
2		4						13.3				
3		6						19.5				
4		8						25.9				
5	1	2	.015	.33	.57	.23	.41	7.0	250	HVY (HEAVY)	MS90387-3	5 TO 8
6		4						13.1				
7		6						19.5				
8		8						25.8				
9		10						32.1				

INCH	mm	INCH	mm	INCH	mm
.015	0.38	.57	14.48	10.00	254.00
.18	4.57	.75	19.05	13.1	332.74
.20	5.08	1.00	25.40	13.3	337.82
.23	5.84	2.00	50.80	19.5	495.30
.25	6.35	4.00	101.40	25.8	655.32
.33	8.38	6.00	152.40	25.9	657.86
.41	10.41	7.00	177.80	32.1	815.34
.46	11.68	8.00	203.20		

REQUIREMENT:

1. MATERIAL: CORROSION RESISTANT STEEL, PER FEDERAL SPECIFICATION QQ-S-766, CLASS 302/304 OR 316.
2. MOISTURE CONDITIONING TEST: NOT REQUIRED.
3. TEMPERATURE RANGE: -54°C (-65°F) TO 300°C (572°F).

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. STRAPS 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. TOOL TENSION SETTINGS - THE TOOL TENSION SETTING RANGES SPECIFIED IN TABLE I ARE FOR TYPICAL WIRE BUNDLE APPLICATIONS. SETTINGS LESS OR GREATER THAN THE RANGES SPECIFIED MAY BE NECESSARY FOR SPECIAL APPLICATIONS.