

REV.
C

AS33671

FEDERAL SUPPLY CLASS
5975

FIGURE "A"

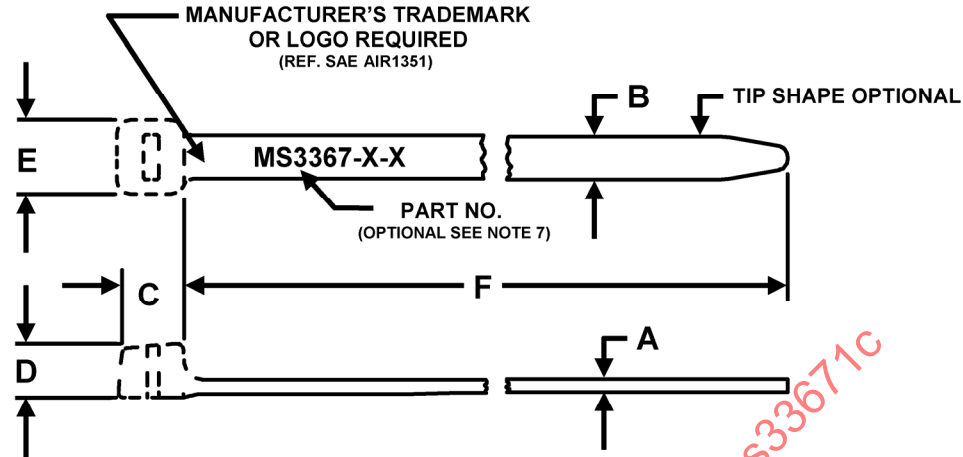


FIGURE "A"
ALTERNATE HEAD DESIGN 1

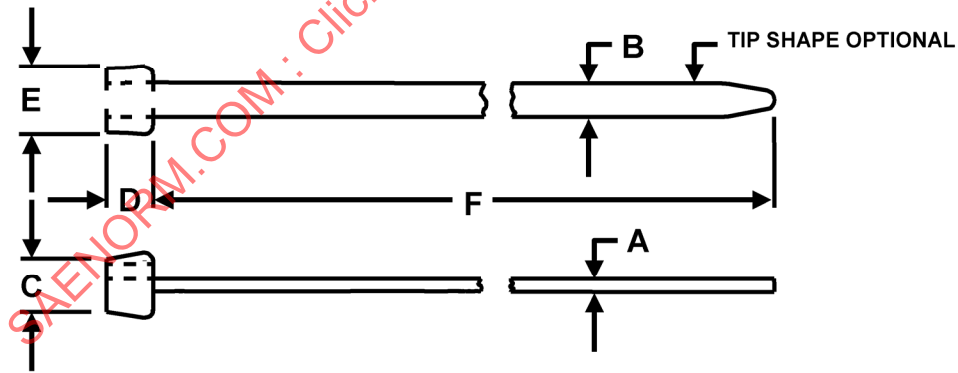
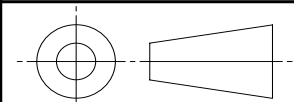


FIGURE 1



THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C2

PROCUREMENT SPECIFICATION: AS23190

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) STRAP, TIEDOWN, ELECTRICAL
COMPONENTS, ADJUSTABLE, SELF-
CLINCHING, PLASTIC, TYPE I, CLASS 1

AS33671
SHEET 1 OF 7

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FIGURE "B"
ALTERNATE HEAD DESIGN 2
(In Line Low Profile Parallel Entry)

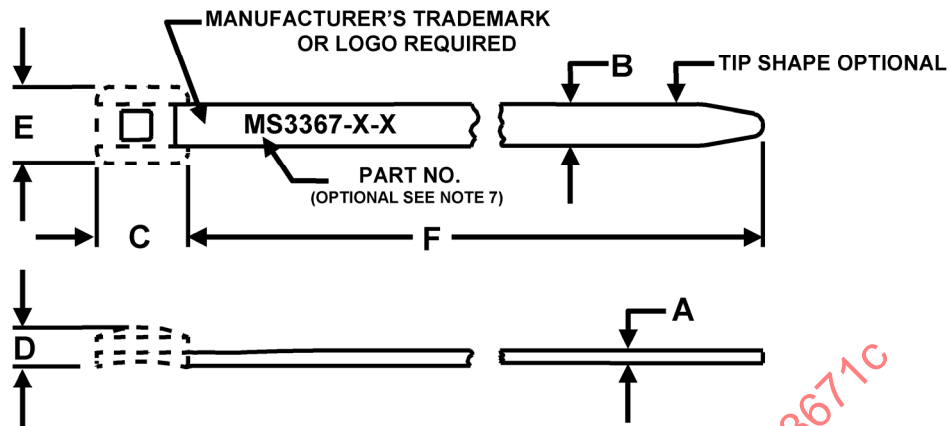


FIGURE "C"
ALTERNATE HEAD DESIGN 3
(In Line Strap)

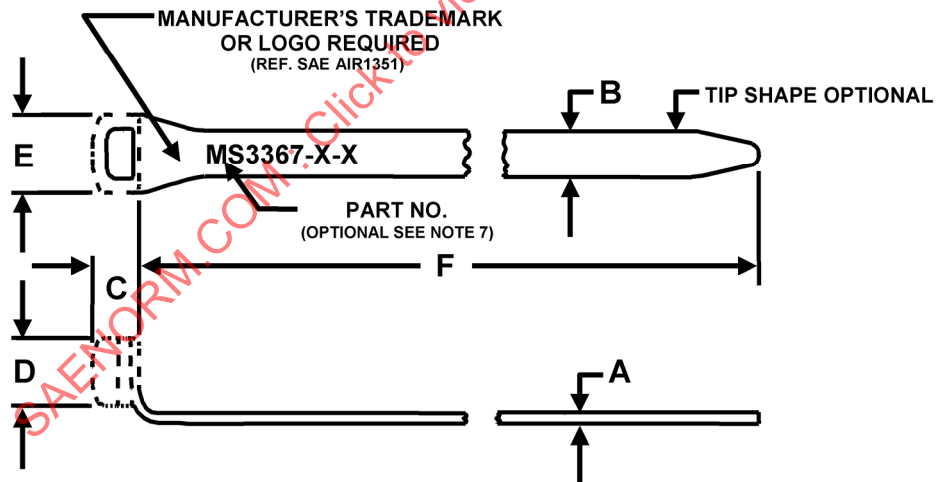


FIGURE 1 (CONTINUED)

TABLE 1

MS3367 Dash Number	Figure Ref.	Bundle Dia. Inch		A	B	C	D	E	F		Min. Tensile Strength LB.	Strap ID Code (see note 8)	MS Installation Tool	Tool Tension Setting Range (see notes 5&9)
		MIN	MAX						MAX	MIN				
-1	A	1/16	1 3/4	.055	.190	.275	.240	.320	.320	6.30	50	STD (Standard)	MS90387-1	6 to 8
-2	A	1/16	4	.055	.192	.275	.240	.365	.365	13.35	50	STD (Standard)	MS90387-1	6 to 8
-3	A	3/16	3 1/2	.083	.310	.375	.330	.535	.535	12.00	120	HVY (Heavy)	MS90387-2	5 to 8
-4	A	1/16	5/8	.046	.100	.175	.170	.195	.195	2.72	18	MIN (Miniature)	MS90387-1	1 to 3
-5	A	1/16	1 1/4	.055	.146	.220	.200	.260	.260	4.68	30	INT (Intermediate)	MS90387-1	3 to 5
-6	A	3/16	8	.083	.310	.375	.330	.550	.550	26.25	120	HVY (Heavy)	MS90387-2	5 to 8
-7	A	1/16	3	.055	.192	.275	.240	.365	.365	10.20	50	STD (Standard)	MS90387-1	6 to 8
-8	A	1 1/2	5	.095	.360	.435	.360	.590	.590	17.00	175	HVY (Heavy)	MS90387-2	5 to 8
-9	A	1 1/2	6	.095	.360	.435	.360	.590	.590	21.00	175	HVY (Heavy)	MS90387-2	5 to 8
-10	A	1 1/2	7 3/16	.095	.360	.435	.360	.590	.590	24.00	175	HVY (Heavy)	MS90387-2	5 to 8
-11	A	4	8	.095	.360	.435	.360	.590	.590	28.00	175	HVY (Heavy)	MS90387-2	5 to 8
-12	A	4	9 3/4	.095	.360	.435	.360	.590	.590	32.00	175	HVY (Heavy)	MS90387-2	5 to 8
-13	A	6	11	.095	.360	.435	.360	.590	.590	36.00	175	HVY (Heavy)	MS90387-2	5 to 8
-14	A	6	12 1/4	.095	.360	.435	.360	.590	.590	39.00	175	HVY (Heavy)	MS90387-2	5 to 8

TABLE 1 (CONTINUED)

MS3367 Dash Number	Figure Ref.	Bundle Dia. Inch		A	B	C	D	E	F		Min. Tensile Strength LB.	Strap ID Code (see note 8)	MS Installation Tool	Tool Tension Setting Range (see notes 5&9)
		MIN	MAX						MAX	MIN				
-15	A	6	13	.095	.360	.435	.360	.590	44.00	175	HVY (Heavy)	MS90387-2	5 to 8	
-16	A	6	14 ½	.095	.360	.435	.360	.590	48.00	175	HVY (Heavy)	MS90387-2	5 to 8	
-17	A	6	16 ¼	.095	.360	.435	.360	.590	51.00	175	HVY (Heavy)	MS90387-2	5 to 8	
-18	A	6	18 ¼	.095	.360	.435	.360	.590	57.00	175	HVY (Heavy)	MS90387-2	5 to 8	
-19	A	1 ½	4.00	.095	.510	.650	.420	.860	14.00	250	Extra HVY (E Heavy)	See note 13	See note 13	
-20	A	1 ½	5.00	.095	.510	.650	.420	.860	19.00	250	Extra HVY (E Heavy)	See note 13	See note 13	
-21	A	1 ½	6.00	.095	.510	.650	.420	.860	21.00	250	Extra HVY (E Heavy)	See note 13	See note 13	
-22	A	4	8	.095	.510	.650	.420	.860	27.00	250	Extra HVY (E Heavy)	See note 13	See note 13	
-23	B	3/8	1 ¾	.055	.200	.700	.250	.370	6.30	50	STD (Standard)	MS90387-1	6 to 8	
-24	B	3/8	4	.055	.200	.625	.250	.370	13.35	50	STD (Standard)	MS90387-1	6 to 8	
-25	B	9/16	3 ½	.083	.350	.890	.330	.600	12.00	120	HVY (Heavy)	MS90387-2	5 to 8	
-26	B	3/16	5/8	.046	.100	.470	.180	.260	2.72	48	Min (Miniature)	MS90387-1	1 to 3	
-27	B	3/16	1 ¼	.055	.146	.550	.220	.300	4.68	30	INT (Intermediate)	MS90387-1	3 to 5	
-28	B	9/16	8	.083	.350	.890	.330	.600	26.25	120	HVY (Heavy)	MS90387-2	5 to 8	

TABLE 1 (CONTINUED)

MS3367 Dash Number	Figure Ref.	Bundle Dia. Inch		A	B	C	D	E	F		Min. Tensile Strength LB.	Strap ID Code (see note 8)	MS Installation Tool	Tool Tension Setting Range (see notes 5&9)
		MIN	MAX						MAX	MIN				
-29	B	3/8	3	.055	.200	.625	.250	.370	10.20	50	STD (Standard)	MS90387-1		6 to 8
-30	C	5/64	1	.041	.101	.143	.213	.214	3.1	18	MIN (Miniature)	MS90387-1		1 to 3
-31	C	5/64	1 1/2	.045	.101	.150	.213	.214	4.6	18	MIN (Miniature)	MS90387-1		1 to 3
-32	C	5/64	2	.045	.101	.150	.213	.214	6.2	18	MIN (Miniature)	MS90387-1		1 to 3
-33	C	5/64	1 1/2	.043	.143	.185	.255	.267	4.9	40	INT (Intermediate)	MS90387-1		3 to 5
-34	C	5/64	3	.055	.143	.197	.255	.267	9.8	40	INT (Intermediate)	MS90387-1		3 to 5
-35	C	5/64	4	.055	.143	.197	.255	.267	13.0	40	INT (Intermediate)	MS90387-1		3 to 5
-36	C	11/64	2	.047	.193	.195	.286	.337	6.6	50	STD (Standard)	MS90387-1		6 to 8
-37	C	9/32	3	.055	.193	.220	.286	.337	9.8	50	STD (Standard)	MS90387-1		6 to 8
-38	C	9/32	4	.055	.193	.220	.286	.337	13.0	50	STD (Standard)	MS90387-1		6 to 8
-39	C	11/64	2	.062	.255	.245	.332	.405	7.0	85	HVY STD (Heavy Std)	MS90387-2		4 to 6
-40	C	5/16	4	.075	.305	.328	.406	.510	13.6	120	LT HVY (Light Heavy)	MS90387-2		5 to 8
-41	C	5/16	6	.075	.305	.328	.406	.510	19.9	120	LT HVY (Light Heavy)	MS90387-2		5 to 8