

FF-S-760a
AMENDMENT—2
August 26, 1966

SUPERSEDING
Int. Amendment—1
February 11, 1965

FEDERAL SPECIFICATION
STRAP, RETAINING, (METAL FOR CONDUIT,
PIPE, AND CABLE)

This amendment, which forms a part of Federal Specification FF-S-760a, dated April 30, 1964, was approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

PAGE 1

Paragraph 2.1: Under "Federal Standards" delete "Fed. Std. No. 102—Preservation, Packaging and Packing Levels."

PAGE 2

Delete table I in its entirety and substitute the following:

TABLE I. Type I, style A, dimensional requirements

Thinwall (EMT)	Size, inches		Figure 1, dimensions, inches						
	Pipe or conduit	Cable OD	A ¹	B ²	C ³	D ⁴	E ⁵	Hole size ⁶	T ⁷
		3/16	3/16	0.187		11/32	7/8		
		1/4	1/4	.250		1/2	15/16		
		5/16	5/16	.312			1		
		3/8	3/8	.375	5/8	37/64	1- 1/8	7/32	
	1/8	13/32	13/32	.405			1- 1/4		
	1/4	17/32	17/32	.540		21/32	1- 5/16		
		9/16	9/16	.562		11/16			
		5/8	5/8	.625		3/4	1- 3/8		7/32
	3/8	11/16	21/32	.675	11/16	27/32	1-13/16		
1/2			21/32	.706		18/16	1- 3/4		
	1/2	27/32	27/32	.840		15/16	2- 1/16		
3/4		29/32	29/32	.922	3/4	1	2- 1/8	9/32	9/32
	3/4	1- 1/16	1- 1/32	1.050		1- 1/16	2- 7/16		
		1- 1/8	1- 1/8	1.125		1- 1/4	2-11/16		11/32
1		1- 5/32	1- 5/32	1.163	7/8	1- 5/16			
	1	1- 5/16	1- 5/16	1.315	7/8	1- 9/32	2- 3/4		5/16
1-1/4		1- 1/2	1- 1/2	1.510	7/8	1- 5/8	3- 1/4		11/32
	1-1/4	1-21/32	1-21/32	1.660	1.00	1-41/64	3- 3/8	11/32	11/32
1-1/2		1- 3/4	1- 3/4	1.740	1- 1/8	1-11/16	3- 3/4	13/32	1/2
	1-1/2	1-29/32	1-29/32	1.900		1-23/32	4		
2		2- 3/16	2- 1/8	2.197	1- 1/2	1-15/16	4- 1/8		
	2	2- 3/8	2- 3/8	2.375	1- 1/4	2- 1/4	5- 1/8	15/32	17/32
	2-1/2	2- 7/8	2- 7/8	2.875	1- 5/8	2- 3/4	6- 7/16	9/16	23/32
	3	3- 1/2	3- 1/2	3.500	1- 3/4	3- 1/16	7- 1/8		25/32
	3-1/2	4	4	4.000	1- 7/8	3- 1/2	8- 1/8		27/32
	4	4- 1/2	4- 1/2	4.500	2	3- 3/4	8- 3/4	21/32	29/32
	4-1/2	5	5	5.000	2- 1/8	4	9- 3/8		31/32
	5	5- 5/8	5- 5/8	5.563	2- 1/4	4- 1/2	10- 7/16		1- 1/32

¹ Plus nothing, minus 0.062 inch.

² Plus nothing, minus 0.062 inch for steel straps, and plus 0.062 inch, minus nothing for malleable iron

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straps.

³ Plus or minus 0.125 inch.⁴ Plus or minus 0.062 inch.⁵ Plus or minus 0.125 inch.⁶ Plus 0.031 inch, minus 0.015 inch.⁷ Plus or minus 0.031 inch.

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Delete table II in its entirety and substitute the following:

TABLE II. Type I, style B, dimensional requirements

Thinwall (EMT)	Size, inches		Figure 2, dimensions, inches					Hole size ⁶	T ⁷
	Pipe or conduit	Cable OD	A ¹	B ²	C ³	D ⁴	E ⁵		
		3/16	3/16	0.187		11/23	7/8		
		1/4	1/4	.250		1/2	15/16		
		5/16	5/16	.312	5/8		1	7/32	1/16
		3/8	3/8	.375		37/64	1- 1/8		
	1/8	13/32	13/32	.405			1- 1/4		
	1/4	17/32	17/32	.540		21/32	1- 5/16		
		9/16	9/16	.562		11/16			
		5/8	5/8	.625		3/4	1- 3/8		
	3/8	11/16	21/32	.675	11/16	27/32	1-13/16		5/64
			21/32	.706		13/16	1- 3/4		
1/2	1/2	27/32	27/32	.840		15/16	2- 1/16		
		29/32	29/32	.922	3/4	1	2- 1/8	9/32	
3/4	3/4	1- 1/16	1- 1/32	1.050		1- 1/16	2- 7/16		
		1- 1/8	1- 1/8	1.125		1- 1/4	2-11/16		
		1- 5/32	1- 5/32	1.163	7/8	1- 5/16			3/32
1	1	1- 5/16	1- 5/16	1.315	7/8	1- 9/32	2- 3/4		
		1- 1/2	1- 1/2	1.510		1- 5/8	3- 1/4		
1-1/4	1-1/4	1-21/32	1-21/32	1.660	1	1-41/64	3- 3/8	11/32	
		1- 3/4	1- 3/4	1.740	1- 1/8	1-11/16	3- 1/2		
1-1/2			1- 3/4		1- 1/8	1-11/16		13/32	1/8
	1-1/2	1-29/32	1-29/32	1.900		1-23/32	4		
2		2- 3/16	2- 1/8	2.197	1- 1/2	1-15/16	4- 1/8		
	2	2- 3/8	2- 3/8	2.375	1- 1/4	2- 1/4	5- 1/8	15/32	
	2-1/2	2- 7/8	2- 7/8	2.875	1- 5/8	2- 3/4	6- 7/16	9/16	1/4
	3	3- 1/2	3- 1/2	3.500	1- 3/4	3- 1/16	7- 1/8		
	3-1/2	4	4	4.000	1- 7/8	3- 1/2	8- 1/8		
	4	4- 1/2	4- 1/2	4.500	2	3- 3/4	8- 3/4	21/32	
	4-1/2	5	5	5.000	2- 1/8	4	9- 3/8		
	5	5- 5/8	5- 5/8	5.563	2- 1/4	4- 1/2	10- 7/16		3/8

¹ Plus nothing, minus 0.062 inch.² Plus nothing, minus 0.062 inch.³ Plus or minus 0.125 inch.⁴ Plus or minus 0.062 inch.⁵ Plus or minus 0.062 inch.⁶ Plus 0.031 inch, minus 0.015 inch.⁷ Plus or minus 0.031 inch.

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Paragraph 5: Delete parenthetical reference to "Fed. Std. No. 102".

PAGES 6 and 7

Paragraph 6.3: Delete in its entirety.

Add new paragraph 6.3 as follows:

6.3 This specification includes the requirements of MIL-S-3960.

Add a new paragraph 6.4 as follows:

6.4 Military procurement. Items procured under this specification for military use are to be limited to the designs covered by MS21314, MS21315, MS35140, and MS51956.

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MILITARY CUSTODIANS:

Army—WC

Navy—YD

Air Force—69

Review activities:

Army—WC

Navy—SH, WP, YD

Air Force—69

DSA—IS

User activities:

Army—EL, MI, MO, MU

Navy—MC

MILITARY COORDINATING ACTIVITY:

Army—WC