

**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 <sup>1</sup>	B <sup>2</sup>	C <sup>3</sup>	D <sup>4</sup>	E <sup>5</sup>	Hole size <sup>6</sup>	T <sup>7</sup>
		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

<sup>1</sup> Plus nothing, minus 0.062 inch.

<sup>2</sup> Plus nothing, minus 0.062 inch for steel straps, and plus 0.062 inch, minus nothing for malleable iron

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straps.

<sup>3</sup> Plus or minus 0.125 inch.<sup>4</sup> Plus or minus 0.062 inch.<sup>5</sup> Plus or minus 0.125 inch.<sup>6</sup> Plus 0.031 inch, minus 0.015 inch.<sup>7</sup> Plus or minus 0.031 inch.

## PAGE 3

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 <sup>6</sup>	T <sup>7</sup>
	Pipe or conduit	Cable OD	A <sup>1</sup>	B <sup>2</sup>	C <sup>3</sup>	D <sup>4</sup>	E <sup>5</sup>		
1/2		3/16	3/16	0.187		11/23	7/8	7/32	1/16
		1/4	1/4	.250		1/2	15/16		
		5/16	5/16	.312	5/8		1		
		3/8	3/8	.375		87/64	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		9/32	5/64
		5/8	5/8	.625		3/4	1- 3/8		
	3/8	11/16	21/32	.675	11/16	27/32	1-13/16		
			21/32	.706		13/16	1- 3/4		
	1/2					15/16	2- 1/16		
	3/4				3/4	1	2- 1/8		
1	3/4	1- 1/16	1- 1/32	1.050		1- 1/16	2- 7/16	11/32	3/32
		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			
	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	1-41/64	3- 3/8		
	1-1/2	1- 3/4	1- 3/4	1.740	1- 1/8	1-11/16	3- 1/2	15/32	1/4
			1- 3/4		1- 1/8	1-11/16			
	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		
	2-1/2	2- 7/8	2- 7/8	2.875	1- 5/8	2- 3/4	6- 7/16		
2	3	3- 1/2	3- 1/2	3.500	1- 3/4	3- 1/16	7- 1/8	21/32	8/8
	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		
	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		

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

## PAGE 6

**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**