

A

# PANDUIT®

## Industrial Electrical Solutions

B1

### Pan-Steel® Custom Length Banding MBS, MBH, MBEH, and MBSH Series

- For applications that require various bundle diameters
- Supplied in reels of 82.5 feet (25m), 200 feet (61m), 250 feet (76m), or 1000 feet (305m)
- Provides job site versatility with minimum inventory
- Packaging speeds removal of steel and includes bundle diameter cut-off guide

**Polyester coating (optional):**

- Polyester coating provides additional edge protection and prevents corrosion between dissimilar metals
- UV resistant, low smoke, halogen-free material
- Temperature tolerance -40°F (-40°C) to 302°F (150°C)
- AISI 316 stainless steel for the most corrosive environments

B2

B3

C1

C2

C3

C4

D1

D2

Part Number	Max. Bundle Diameter		Length*		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Thickness		Recommended Installation Tool***	Recommended Banding Head	Std. Pkg. Qty.‡
	In.	mm	Ft.	m	Lbs.	N	In.	mm	In.	mm	In.	mm			

**AISI 304 Stainless Steel — For General Purpose Banding**

**Standard Cross Section**

D3

<b>MBS-TLR</b>	Any	Any	250	76	100	445	0.50	12.7	0.18	4.4	0.010	0.25	GS4MT-E, ST2MT, HTMT, PPTMT	MTHS-C	1
<b>MBS-MR</b>	Any	Any	1000	305	100	445	0.50	12.7	0.18	4.4	0.010	0.25			

**Heavy Cross Section**

E1

<b>MBH-TLR</b>	Any	Any	250	76	250	1112	0.50	12.7	0.31	7.9	0.010	0.25	GS4MT-E, ST2MT, HTMT, PPTMT, PBTMT	MTHH-C	1
<b>MBH-MR</b>	Any	Any	1000	305	250	1112	0.50	12.7	0.31	7.9	0.010	0.25			

**Extra-Heavy Cross Section**

E2

<b>MBEH-TLR</b>	Any	Any	250	76	300	1335	1.00	25.4	0.50	12.7	0.010	0.25	ST2MT, RT2HT, RT2HTN, PBTMT	MTHEH-C	1
-----------------	-----	-----	-----	----	-----	------	------	------	------	------	-------	------	--------------------------------	---------	---

**Super-Heavy Cross Section**

E3

<b>MBSH-TR</b>	Any	Any	200	61	450	2000	1.00	25.4	0.63	15.9	0.015	0.38	RT2HT, RT2HTN, PBTMT	MTHSH-C	1
----------------	-----	-----	-----	----	-----	------	------	------	------	------	-------	------	-------------------------	---------	---

E4

\*For other lengths, thicknesses and material grades (316SS) available, contact Panduit Customer Service or refer to [www.panduit.com](http://www.panduit.com).

\*\*Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.30.

\*\*\*For information on installation tools, refer to [www.panduit.com/tools](http://www.panduit.com/tools).

‡Order in number of reels required.

E5

F

G

H

B3.14

Order number of pieces required, in multiples of Standard Package Quantity.

**Pan-Steel® Custom Length Banding – MBCH, MBCEH, and MBCSH Series**

Part Number	Max. Bundle Diameter		Length*		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Thickness^A		Recommended Installation Tool***	Recommended Banding Head	Std. Pkg. Qty.‡
	In.	mm	Ft.	m	Lbs.	N	In.	mm	In.	mm	In.	mm			
<b>Polyester Coated AISI 316 Stainless Steel</b>															
<b>Heavy Cross Section</b>															
<b>MBCH-QR316</b>	Any	Any	82	25	250	1112	0.50	12.7	0.31	7.9	0.010	0.25	GS4MT-E, ST2MT, HTMT, PPTMT, PBTMT	MTHCH-C316	1
<b>Extra-Heavy Cross Section</b>															
<b>MBCEH-QR316</b>	Any	Any	82	25	300	1335	1.00	25.4	0.50	12.7	0.010	0.25	ST2MT, RT2HT, RT2HTN, PBTMT	MTHCEH-C316	1
<b>Super-Heavy Cross Section</b>															
<b>MBCSH-QR316</b>	Any	Any	82	25	450	2000	1.00	25.4	0.63	15.9	0.015	0.38	RT2HT, RT2HTN, PBTMT	MTHCSH-C316	1

\*Other lengths available, contact Panduit Customer Service.  
 \*\*Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.30.  
 \*\*\*For information on installation tools, refer to [www.panduit.com/tools](http://www.panduit.com/tools).  
 ^Base material less coating  
 ‡Order in number of reels required.

*To determine the proper amount of banding required, use the following formula:*

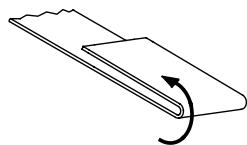
<b>Calculate S and H Cross Section</b>	Diameter inches (mm) x 3.14 + 3 inches (76mm)
<b>Calculate EH and SH Cross Section</b>	Diameter inches (mm) x 3.14 + 4.5 inches (114mm)

**Pan-Steel® Custom Length Banding Heads – MTH Series**

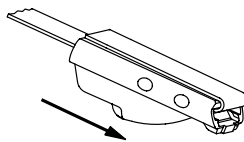
- Self-locking head design speeds installation and locks into place at any length along the tie body



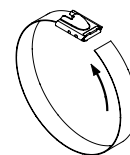
Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>AISI 304 Stainless Steel</b>			
MTHS-C	Loose piece banding head for standard cross section banding.	100	1000
MTHH-C	Loose piece banding head for heavy cross section banding.		
MTHEH-C	Loose piece banding head for extra-heavy cross section banding.		
MTHSH-C	Loose piece banding head for super-heavy cross section banding.		
<b>AISI 316 Stainless Steel</b>			
MTHS-C316	Loose piece banding head for standard cross section banding.	100	1000
MTHH-C316	Loose piece banding head for heavy cross section banding.		
MTHEH-C316	Loose piece banding head for extra-heavy cross section banding.		
MTHSH-C316	Loose piece banding head for super-heavy cross section banding.		
<b>AISI 316 Coated Stainless Steel</b>			
MTHCH-C316	Loose piece coated banding head for heavy cross section banding.	100	1000
MTHCEH-C316	Loose piece coated banding head for extra-heavy cross section banding.		
MTHCSH-C316	Loose piece coated banding head for super-heavy cross section banding.		



1) Take one end of the cut banding and bend back 1" (25.4mm).



2) Take a self-locking head and slide it the entire length of the band until it reaches the bend.



3) Bend tail flat against bottom of banding head to complete assembly.

B1  
B2  
B3  
C1  
C2  
C3  
C4  
D1  
D2  
D3  
E1  
E2  
E3  
E4  
E5  
F  
G  
H