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The Panduit Method Reduces Installation Time

Pan-Steel® Stainless Steel Strapping



1) Place strap around the material, insert tail of strap through buckle. Pull strapping tight and bend up to hold in place. Insert tail of strapping into tool nose section. Squeeze handle to tension.



2) Once proper tension is reached, maintain tension and raise tool 90° – 120° over buckle and pull down on cutter lever, cutting strap.



3) Remove tool, press cut end down and toward retaining tab.



4) Using the closure lever on the handle of the tool, bend retaining tab down and over cut end.



Provides finished, safe, and secure closure.

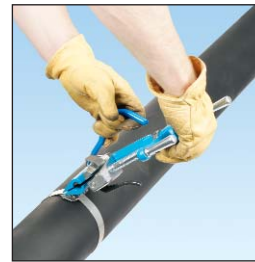
Pan-Steel® Stainless Steel MS75 Strapping



1) Place strap around the material, insert tail of strap through buckle. Pull strapping tight and bend up to hold in place.



2) Insert tail of strapping into tool nose section. Rotate handle to tension.



3) After tensioning raise tool 90° – 120° over buckle and pull down on cutter lever, cutting strap.



4) Remove tool, press cut end down toward retaining tab.



5) Using flathead screwdriver, bend retaining tab down and over cut end.



Provides finished, safe, and secure closure.

Part Number System for Discrete Length Strapping

MS

Type

MS = Metal Strap
MSC = Metal Strap
Coated

4

Bundle
Diameter
(In.)

W

Width

38

Inches

38 = 3/8
50 = 1/2
63 = 5/8
75 = 3/4

T

Thickness

15

15 = 0.015"

30 = 0.030"

L

Standard
Package Size

L = 50 Pcs.
Q = 25 Pcs.

4

Material

2 = 201 SS
4 = 304 SS
6 = 316 SS

Pan-Steel® Strapping – MS Series

- Fold over design provides high-retained tension in mechanical fastening and cable bundling applications
- After tensioning, cut end is locked inside low profile buckle – no sharp edges
- Can be used in a wide range of indoor, outdoor, and underground (including direct burial) applications
- Smooth surfaces and rounded edges assures cable protection and worker safety
- Available in AISI 201 (3/4" width only) and 304 stainless steel for general-purpose applications
- Available in AISI 316 stainless steel for the most corrosive environments



Part Number	Max. Bundle Diameter		Length*		Strap Breaking Strength		Min. Bundle Diameter		Width		Thickness		Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	Lbs.	N	In.	mm	In.	mm	In.	mm			
AISI 201 Stainless Steel															
MS4W75T30-Q2	4.0	102	20.2	513	2400	10656	1.00	25.4	0.75	19.1	0.030	0.76	BT75SDT	25	25
MS6W75T30-Q2	6.0	152	26.5	673	2400	10656	1.00	25.4	0.75	19.1	0.030	0.76		25	25
MS8W75T30-Q2	8.0	203	32.7	831	2400	10656	1.00	25.4	0.75	19.1	0.030	0.76		25	25
MS10W75T30-Q2	10.0	254	39.0	991	2400	10656	1.00	25.4	0.75	19.1	0.030	0.76		25	25
AISI 304 Stainless Steel															
MS2W38T15-L4	2.0	51	11.8	300	502	2229	1.00	25.4	0.38	9.5	0.015	0.38	BT2HT	50	250
MS4W38T15-L4	4.0	102	18.0	457	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MS6W38T15-L4	6.0	152	24.4	620	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MS8W38T15-L4	8.0	203	30.7	780	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MS10W38T15-L4	10.0	254	37.0	940	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MS4W50T15-L4	4.0	102	18.0	457	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MS6W50T15-L4	6.0	152	24.4	620	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MS8W50T15-L4	8.0	203	30.7	780	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MS10W50T15-L4	10.0	254	37.0	940	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MS4W63T15-L4	4.0	102	18.0	457	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250
MS6W63T15-L4	6.0	152	24.4	620	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250
MS8W63T15-L4	8.0	203	30.7	780	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250
MS10W63T15-L4	10.0	254	37.0	940	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250
AISI 316 Stainless Steel															
MS2W38T15-L6	2.0	51	11.8	300	502	2229	1.00	25.4	0.38	9.5	0.015	0.38	BT2HT	50	250
MS4W38T15-L6	4.0	102	18.0	457	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MS6W38T15-L6	6.0	152	24.4	620	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MS8W38T15-L6	8.0	203	30.7	780	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MS10W38T15-L6	10.0	254	37.0	940	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MS4W50T15-L6	4.0	102	18.0	457	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MS6W50T15-L6	6.0	152	24.4	620	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MS8W50T15-L6	8.0	203	30.7	780	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MS10W50T15-L6	10.0	254	37.0	940	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MS4W63T15-L6	4.0	102	18.0	457	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250
MS6W63T15-L6	6.0	152	24.4	620	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250
MS8W63T15-L6	8.0	203	30.7	780	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250
MS10W63T15-L6	10.0	254	37.0	940	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250

*Other lengths available, contact Panduit Customer Service.

***For information on installation tool, refer to page B3.26.

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Pan-Steel® Nylon 11 Coated Strapping – MSC Series

- Fold over design provides high-retained tension in mechanical fastening and cable bundling applications
- After tensioning, cut end is locked inside low profile buckle – no sharp edges
- AISI 316 stainless steel for the most corrosive environments
- Available in 0.38 inch (9.5mm), 0.50 inch (12.7mm), 0.63 inch (15.9mm) cross sections
- UV resistant, low smoke, halogen-free material
- Temperature tolerance -40°F (-40°C) to 285°F (140°C)



Part Number	Max. Bundle Diameter		Length*		Strap Breaking Strength		Min. Bundle Diameter		Width		Thickness^		Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	Lbs.	N	In.	mm	In.	mm	In.	mm			
MSC2W38T15-L6	2.0	51	11.8	300	502	2229	1.00	25.4	0.38	9.5	0.015	0.38	BT2HT	50	250
MSC4W38T15-L6	4.0	102	18.0	457	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MSC6W38T15-L6	6.0	152	24.4	620	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MSC8W38T15-L6	8.0	203	30.7	780	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MSC10W38T15-L6	10.0	254	37.0	940	502	2229	1.00	25.4	0.38	9.5	0.015	0.38		50	250
MSC4W50T15-L6	4.0	102	18.0	457	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MSC6W50T15-L6	6.0	152	24.4	620	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MSC8W50T15-L6	8.0	203	30.7	780	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MSC10W50T15-L6	10.0	254	37.0	940	671	2979	1.00	25.4	0.50	12.7	0.015	0.38		50	250
MSC4W63T15-L6	4.0	102	18.0	457	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250
MSC6W63T15-L6	6.0	152	24.4	620	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250
MSC8W63T15-L6	8.0	203	30.7	780	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250
MSC10W63T15-L6	10.0	254	37.0	940	839	3725	1.00	25.4	0.63	15.9	0.015	0.38		50	250

*Other lengths available, contact Panduit Customer Service.

***For information on installation tools, refer to page B3.26.

^Base material less coating.

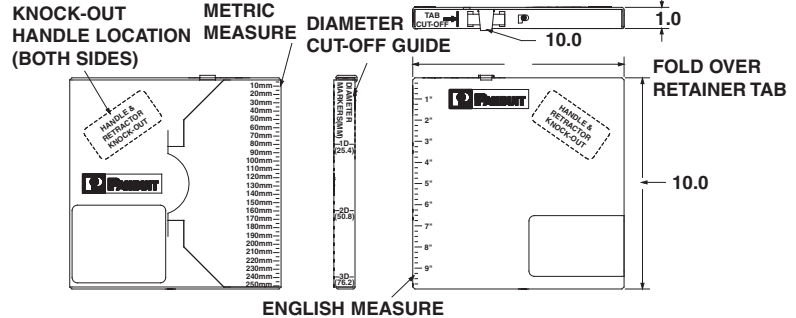
Pan-Steel® Custom Length Strapping

- Fold over design provides high retained tension in mechanical fastening and cable bundling applications
- After tensioning, cut end is locked inside low profile buckle – no sharp edges
- For applications that require various bundle diameters
- Supplied in reels of 82.5 feet (25m) (coated) or 100 feet (30.5m) (uncoated)



Nylon 11 coating (optional):

- Nylon 11 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 285°F (140°C)
- AISI 316 stainless steel for the most corrosive environments



Part Number	Length*		Strap Breaking Strength		Width		Thickness^		Used with Buckle	Recommended Installation Tool***	Std. Pkg. Qty.‡
	Ft.	m	Lbs.	N	In.	mm	In.	mm			
304 Stainless Steel											
MSW75T30-CR2	100	30.5	2400	10656	0.75	19.1	0.030	0.80	MSBW75-C2	BT75SDT	1
304 Stainless Steel											
MSW38T15-CR4	100	30.5	502	2229	0.38	9.5	0.015	0.38	MSBW38-C4	BT2HT	1
MSW50T15-CR4	100	30.5	671	2979	0.50	12.7	0.015	0.38	MSBW50-C4		1
MSW63T15-CR4	100	30.5	839	3725	0.63	15.9	0.015	0.38	MSBW63-C4		1
316 Stainless Steel											
MSW38T15-CR6	100	30.5	502	2229	0.38	9.5	0.015	0.38	MSBW38-C6	BT2HT	1
MSW50T15-CR6	100	30.5	671	2979	0.50	12.7	0.015	0.38	MSBW50-C6		1
MSW63T15-CR6	100	30.5	839	3725	0.63	15.9	0.015	0.38	MSBW63-C6		1
Nylon Coated Custom Length Strapping											
MSCNW38T15-QR6	82.5	25.0	502	2229	0.38	9.5	0.015	0.38	MSBW38-C6	BT2HT	1
MSCNW50T15-QR6	82.5	25.0	671	2979	0.50	12.7	0.015	0.38	MSBW50-C6		1
MSCNW63T15-QR6	82.5	25.0	839	3725	0.63	15.9	0.015	0.38	MSBW63-C6		1

*Other lengths available, contact Panduit Customer Service. ^Base metal less coating.

‡Order in number of reels required. ***For information on installation tools, refer to page B3.26.

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

Calculate Diameter inches (mm) x 3.14 + 6 inches (152.4 mm)

Pan-Steel® Buckles for Custom Length Strapping

- Buckle design provides a low finished profile
- After tensioning cut end is locked inside buckle – no sharp edges



Part Number	Material	Width		Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm			
AISI 201 Stainless Steel						
MSBW75-C2	201	0.75	19.1	Individual low profile buckles used with metal strapping.	100	—
AISI 304 Stainless Steel						
MSBW38-C4	304	0.38	9.5	Individual low profile buckles used with custom length strapping.	100	1000
MSBW50-C4	304	0.50	12.7		100	1000
MSBW63-C4	304	0.63	15.9		100	1000
AISI 316 Stainless Steel						
MSBW38-C6	316	0.38	9.5	Individual low profile buckles used with custom length strapping.	100	1000
MSBW50-C6	316	0.50	12.7		100	1000
MSBW63-C6	316	0.63	15.9		100	1000

For technical assistance in the U.S., call 866-405-6654 (outside the U.S., see inside back cover for directory)

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BT2HT Hand Operated Installation Tool for Strapping

- Strap side entry
- Multi-position rear handle provides flexibility for a one or two hand installation
- Adjustable tension control
- Easy removal of excess strap
- Installs (3) sizes: 0.38 inch (9.5mm), 0.50 inch (12.7mm), and 0.63 inch (15.9mm)
- Replacement cutter blade and handle available



Part Number	Part Description	Std. Pkg. Qty.
BT2HT	Installation tool for use with 0.38" (9.5mm), 0.50" (12.7mm), and 0.63" (15.9mm) widths of Panduit® Pan-Steel® Strapping. Tensions, cuts strapping, and secures the buckle tab. Lever cut off.	1
KRT2BLD	Replacement cutter blade for RT2HT and BT2HT.	1
KRT2HNDL	Replacement cutter handle for RT2HT and BT2HT.	1

NEW!

BT75SDT Hand Operated Installation Tool for MS75 Strapping

- Screw drive tension mechanism provides high tension with minimal effort, reducing operator fatigue
- Heavy duty construction offers a longer service life
- Strapping side entry allows quick side entry of the strap into tool to speed installation



Part Number	Part Description	Std. Pkg. Qty.
BT75SDT	Installation tool for use with 0.75" (19.1mm) width strapping only. Tensions and cuts strapping. Screwdriver required for buckle closure (not included).	1

PCS Cushion Sleeve

- Black neoprene sleeving used with Pan-Steel® Stainless Steel Ties, custom length banding, and MS strap
- Used on applications requiring improved gripping on non-resilient objects
- Can be used indoors or outdoors (excellent ultraviolet resistance, good resistance to petroleum, and many chemicals)
- Isolation between dissimilar metals allows the ties and straps to be used with aluminum cable tray
- Provides full separation between the ties and the bundle
- Operating temperature range -40°F (-40°C) to 200°F (93°C)



Part Number	Used with Pan-Steel® Ties/Strapping	Width		Length		Std. Pkg. Qty.†
		In.	mm	Ft.	m	
PCSS-B-CR	MLT/S	.33	8.4	100	30.5	1
PCSH-B-CR	MLT/LH/H	.47	11.9	100	30.5	1
PCSSH-B-CR*	MLT/EH/SH and MS Straps	.91	23.1	100	30.5	1

*Meets MIL-R-6855

†Order in number of reels required.

Pkg. -CR = 100 ft. (30.5m) reel.