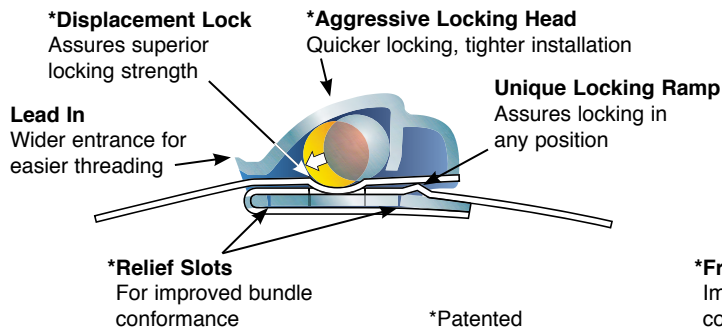


### Features and Benefits – Pan-Steel® Retained Tension Ties – MRT/MRS Series

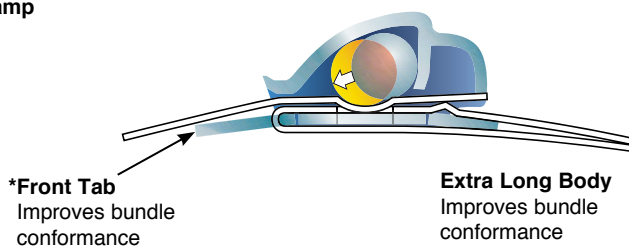
Panduit® Pan-Steel® Retained Tension Ties are engineered for safety, productivity, and durability by providing round edges and smooth surfaces, easy threading, high loop tensile strength and tight clamping.

#### Panduit Retained Tension Tie Technology

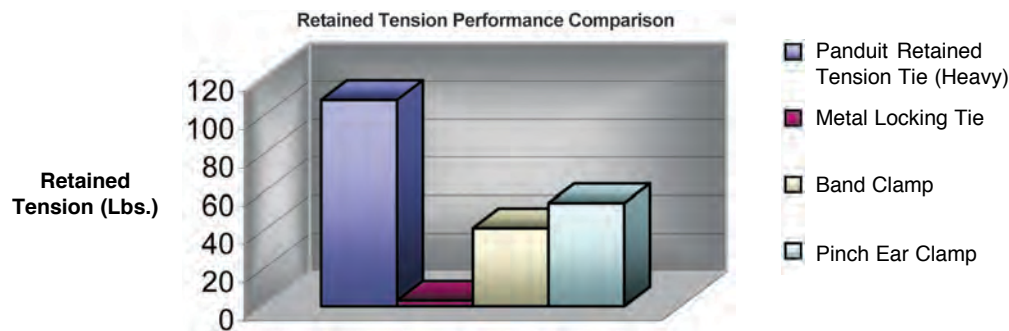
##### Features of Retained Tension Ties (MRT and MRS Series)



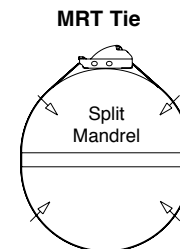
##### Additional Features of 360° Radial Seal Retained Tension Ties (MRS Series Only)



### Retained Tension Performance Comparison\*\*



\*\*Representative sample, actual results may vary.



**Retained Tension**  
Split mandrel test fixture measures retained tension of installed tie

Part Number System for Pan-Steel® Retained Tension Ties – MRT Series

<b>MRT</b>	<b>6</b>	<b>S</b>	<b>C</b>	<b>4</b>
Type	Bundle Diameter Reference (In.)	Cross Section	Package Qty.	Material
MRT = Metal Retained Tension Tie MRS = Metal Retained Tension 360° Radial Seal Tie		S = Standard LH = Light-Heavy H = Heavy	L = 50 C = 100	4 = 304

Pan-Steel® Retained Tension Ties – MRT Series

- Provide tight bundling of armored cables, pipes, conduit and other rigid materials in harsh conditions for a reliable, easy to install fastening solution
- Self-locking cable tie design locks into place at any length along the tie body, unlike fixed diameter band clamps
- Available in AISI 304 stainless steel with a thickness of 0.010" (0.25mm)



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

AISI 304 Stainless Steel – For General Purpose

Standard Cross Section

MRT1S-C4	1.0	25	9.0	229	180	800	0.75	19.1	0.18	4.4	MTRTLS	100	500
MRT2S-C4	2.0	51	12.2	310	180	800	0.75	19.1	0.18	4.4		100	500
MRT4S-C4	4.0	102	18.5	470	180	800	0.75	19.1	0.18	4.4		100	500
MRT6S-C4	6.0	152	24.8	630	180	800	0.75	19.1	0.18	4.4		100	500

Light-Heavy Cross Section

MRT1.5LH-L4	1.5	38	10.6	269	225	1000	1.00	25.4	0.25	6.4	MTRTLS	50	250
MRT2LH-L4	2.0	51	12.2	310	225	1000	1.00	25.4	0.25	6.4		50	250
MRT4LH-L4	4.0	102	18.5	470	225	1000	1.00	25.4	0.25	6.4		50	250
MRT6LH-L4	6.0	152	24.8	630	225	1000	1.00	25.4	0.25	6.4		50	250

Heavy Cross Section

MRT1.5H-L4	1.5	38	10.6	269	400	1780	1.00	25.4	0.31	7.9	MTRTLS	50	250
MRT2H-L4	2.0	51	12.2	310	400	1780	1.00	25.4	0.31	7.9		50	250
MRT4H-L4	4.0	102	18.5	470	400	1780	1.00	25.4	0.31	7.9		50	250
MRT6H-L4	6.0	152	24.8	630	400	1780	1.00	25.4	0.31	7.9		50	250

Double Wrapped – For Additional Strength

Standard Cross Section

MRT1.5DS-C4	1.5	38	14.4	366	250	1112	1.00	25.4	0.17	4.4	MTRTLS	100	500
MRT2.5DS-C4	2.5	63	20.7	526	250	1112	1.00	25.4	0.17	4.4		100	500

Light-Heavy Cross Section

MRT2.5DLH-L4	2.5	63	20.7	526	350	1556	1.00	25.4	0.25	6.4	MTRTLS	50	250
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Heavy Cross Section

MRT2DH-L4	2.0	51	18.5	470	550	2447	1.00	25.4	0.31	7.9	MTRTH	50	250
MRT4DH-L4	4.0	102	31.1	790	550	2447	1.00	25.4	0.31	7.9		50	250

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

### Pan-Steel® 360° Radial Seal Retained Tension Ties – MRS Series

- 360° radial seal eliminates gaps under the head of the tie to provide a completely sealed installation
- Available in AISI 304 stainless steel with a thickness of 0.010" (0.25mm)
- Self-locking cable tie design locks into place at any length along the tie body, unlike fixed diameter band clamps



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

#### AISI 304 Stainless Steel – For General Purpose

##### Standard Cross Section

<b>MRS1S-C4</b>	1.0	25	9.0	229	180	800	0.75	19.1	0.18	4.4	MTRTLS	100	500
<b>MRS2S-C4</b>	2.0	51	12.2	310	180	800	0.75	19.1	0.18	4.4		100	500
<b>MRS4S-C4</b>	4.0	102	18.5	470	180	800	0.75	19.1	0.18	4.4		100	500
<b>MRS6S-C4</b>	6.0	152	24.8	630	180	800	0.75	19.1	0.18	4.4		100	500

##### Light-Heavy Cross Section

<b>MRS1.5LH-L4</b>	1.5	38	10.6	269	225	1000	1.00	25.4	0.25	6.4	MTRTLS	50	250
<b>MRS2LH-L4</b>	2.0	51	12.2	310	225	1000	1.00	25.4	0.25	6.4		50	250
<b>MRS4LH-L4</b>	4.0	102	18.5	470	225	1000	1.00	25.4	0.25	6.4		50	250
<b>MRS6LH-L4</b>	6.0	152	24.8	630	225	1000	1.00	25.4	0.25	6.4		50	250

##### Heavy Cross Section

<b>MRS1.5H-L4</b>	1.5	38	10.6	269	400	1780	1.00	25.4	0.31	7.9	MTRTLS	50	250
<b>MRS2H-L4</b>	2.0	51	12.2	310	400	1780	1.00	25.4	0.31	7.9		50	250
<b>MRS4H-L4</b>	4.0	102	18.5	470	400	1780	1.00	25.4	0.31	7.9		50	250
<b>MRS6H-L4</b>	6.0	152	24.8	630	400	1780	1.00	25.4	0.31	7.9		50	250

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