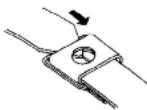
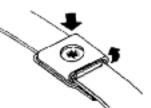
# Ty-Rap<sup>®</sup>

## **Fastening Products**

## **Stainless Steel Cable Ties and Accessories**



After wrapping the object to be tied, insert the free end of the tie through the buckle and into the tool.



Squeeze the handle of the tool to create the dual lock and cut off the tail. The cable tie forms a low-profile dual lock.



The tail is formed into a fold lock behind the buckle
The tool forces a dimple in the band into a hole in the buckle

#### **Dual Lock**

Thomas & Betts has a complete package of stainless steel cable ties and accessories that are easy to apply and superior in quality. These products have been designed for tying, lashing and identification applications in demanding environments such as boiler rooms, chemical plants, refineries, pulp/paper mills, shipyards and offshore oil platforms. They are made of a variety of high-quality stainless steel materials which offer excellent corrosion resistance, high temperature and durability characteristics. There is also a variety of high-quality installation and identification tools to complete your cable tie accessory needs.

For cable bundling, I.D. tags and other general bundling applications – especially in hazardous environments – Thomas & Betts Stainless Steel Cable Ties provide a strong, safe, permanent installation with a unique, dual lock.

The Type 304 stainless steel ties are completely fireproof – no toxic fumes, no sagging cables. They are extremely resistant to corrosion and UV light, with the ability to withstand the harshest temperature extremes. Yet they are surprisingly economical.

The low-profile ties are fast and easy to apply. A quick squeeze of the installation tool forms two strong locks – a dimple lock and a fold lock.

Their two-piece configuration adds to its versatility. Available in standard lengths to wrap bundle diameters from 1 to 10 inches, Thomas & Betts Stainless Steel Cable Ties can be supplied in other lengths on special order.

Low-profile Thomas & Betts Stainless Steel Ties are fireproof and resist corrosion, UV light and extreme weather conditions for safe, permanent cable bundling.

#### **Installation Hand Tool**

The installation hand tool is a lightweight, pocket size hand tool which quickly and easily applies the stainless steel cable ties.

To use, simply separate the pull-up handle from the body, push the release lever down and insert the clamp tail as far as possible. Squeeze the pull-up handle until the band is tight. Finally, move the pull-up handle to the locking/cut-off position by moving it away from the body as far as it will go. Then squeeze to form the dual lock and cut off the excess tail.

### **Catalogue Number System**

			Bundle Diameter	Tensile Strength	Width	Length	Weight	
CABLE TIE TYPE SS = Two-piece solid stainless steel cable tie, Type 304		Cat. No.	For Bundle Dia. of	Tensile Strength	Width (in./mm)	Length (in./mm)	Weight (lb./kg)	
<b>TYS</b> = Multi-lock stainless steel cable tie, Type 316		<b>SS10-250</b>	(in./mm) 2/51	(Ib./N) 200/890	0.25/6.35	10.0/254	1.1/4.89	
SSR = Reusable stainless steel cable tie, Type 200/300		SS17-250	4/101	200/890	0.25/6.35	16.5/419	1.8/8.00	
<b>SSH</b> = Heavy-duty stainless steel clamp, Type 201								

**TS** = Roller bar locking stainless steel cable tie, Type 302/304 **LS** = Ball locking stainless steel cable tie, Type 302/304/316



## Fastening Products



## **Stainless Steel Cable Ties and Accessories**

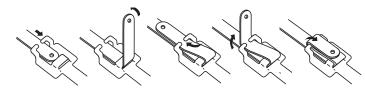
### **SSR - Reusable**

#### Ties to use and reuse with quickness and ease!

- Made of high-strength, corrosion-resistant 200/300 Series stainless steel
- Coated with a non-toxic, halogen-free, low-smoke Nylon 11, protecting cables from damage or interference due to direct contact with the stainless steel
- Nylon 11 is also chemical and weather-resistant, UV-protective, extremely flexible at low temperature, user-friendly on installer's hands and easy on bundles
- Unique buckle design for quick, easy application and re-use

#### 1. Insert cable tie tail through holding tabs and locking emboss.

- 2. Bend cable tie tail up.
- 3. Insert cable tie tail back through holding tabs, creating as tight a bend as possible. For increased tensile strength follow steps #4 and #5.
- 4. Bend cable tie tail up.
- 5. Fold cable tie tail over holding tabs.





Cat. No.	Tensile Strength (Ib./N)	Width (in./mm)	Length (in./mm)	Weight (Ib./kg)	Std. Pkg.			
Reusable Stainless Steel Cable Ties – Coated								
SSR6-250C	75/333.60		6/152	1.4/0.64				
SSR9-250C			9/229	1.8/0.82				
SSR12-250C		0.25/6.35	12/305	2.1/0.95				
SSR18-250C		0.20/0.30	18/457	3.0/1.36				
SSR24-250C			24/610 3.7/1	3.7/1.68	100			
SSR6-375C			6/152	1.8/0.82				
SSR9-375C	100/444.80		9/229 2.0/0	2.0/0.91				
SSR12-375C			12/305	3.1/1.41				
SSR18-375C		0.20/0.52	18/457	4.4/2.00				
SSR24-375C		0.38/9.53	24/610	6.6/2.99	-			
SSR30-375C			30/762	7.0/3.18				
SSR36-375C			36/914	8.3/3.76				



WTAE200 Cable Tie Tensioner



WTAE201 Tensioning Hook



DAS250 Pistol Grip Tensioning Tool

Cat. No.	Description	Weight (Ib./kg)	Std. Pkg.	
Tensioning Tools				
SSR6-250C	Cable Tie Tensioner: For tensioning Reusuable Ties and Multi-Lok Ties	0.6/0.27		
SSR9-250C	Tensioning Hook: For tensioning Reusuable Ties and Multi-Lok Ties	0.1/0.05	1	
SSR12-250C	Pistol Grip Tensioning Tool: For installing Multi-Lok , Ball Lock, & Roller Bar Lock SS Ties	1.0/0.45	1	





## **Fastening Products**

Thomas & Betts C23



## **Stainless Steel Cable Ties and Accessories**

### **Specifications**



Mini Stainless Steel Cable Ties



Standard Stainless Steel Cable Ties



Reusable Stainless Steel Cable Ties



Multi-Lok Ties — Uncoated



Multi-Lok Ties — Coated



Free-End Clamps

Cat. No.		Width (in./mm)	Length (in./mm)	Thickness (in./mm)	Max. Dia. Single Wrap (in./mm)	Max. Dia. Double Wra (in./mm)
Specifications for	r Stainless Ste	el Ties				
SS7-180			6.5/165		1.7/43	(single
SS10-180		_	10/254		2.8/71	wrap
SS16-180		0.18/4.50	16/406		4.7/119	only)
SS23-180		-	22.5/572		6/152	-
SS29-180			29.0/737		8/203	-
SS10-250		0.25/6.35	10/254	0.02/0.51	2.1/153	
SS17-250			16.5/419		4.3/109	(single
SS23-250			22.5/572		6.5/165	wrap
SS29-250		_	29/737		8.5/215	only)
SS35-250		_	35/889		10.5/265	
SSR6-250C			6/152		1.5/38	N/A
SSR9-250C		-	9/229		2.5/63	1.1/28
SSR12-250C		0.25/6.35	12/305		3.4/86	1.5/38
SR18-250C		-	18/457		5.4/137	2.5/64
SSR24-250C		-	24/610		7.3/185	3.5/89
SR6-375C			6/152		1.5/38	N/A
SSR9-375C		-	9/229		2.5/63	1.1/28
SSR12-375C		_	12/305		3.4/86	1.5/38
SSR18-375C		0.38/9.53	18/457		5.4/137	2.5/64
SSR24-375C		0.30/9.33	24/610		7.3/185	3.5/89
SSR30-375C		_	30/762		9.1/231	4.4/112
SSR36-375C		_	36/914		11.0/280	5.3/135
	ylon 11 Coated	d	00/011		1110/200	010/100
	TYS6-280C		6/152		1.9/48	
	TYS9-280C	_	9/229	0.01/0.25	2.8/71	-
	TYS12-280C	0.28/7.00	12/305		3.8/96	
	TYS18-280C	0.20/1.00	18/457		5.7/144	
	TYS24-280C	_	24/610		7.6/193	(single
	TYS6-470C		6/152		1.9/48	wrap
	TYS9-470C	_	9/229		2.8/71	only)
	TYS12-470C	0.47/12.00	12/305		3.8/96	
	TYS18-470C		18/457		5.7/144	
	TYS24-470C	-	24/610		7.6/193	
SSH10-250			10/250		2.0/50	N/A
SSH16-250		-	16/400	0.02/0.51	3.5/88	1.5/38
SH19-250		0.25/6.35	19/480		5.0/127	2.5/64
SSH27-250		0.20/0.00	27/680		70/177	3.5/89
SSH34-250		-	34/860		9.0/228	4.5/114
SSH16-375			16/400		3.5/88	1.5/38
SSH44-375		0.38/9.53	44/1,120	0.03/0.76	12.0/304	6.0/152
SSH18-500			18/460		4.0/101	2.0/5.0
SH31-500		0.5/12.70	31/780		8.0/203	4.0/101
SSH21-625			21/530		5.0/127	2.5/64
SH56-625		0.63/15.88	56/1,420		16.0/406	8.0/203
SSH69-625		0.03/13.00	69/1,750		20.0/508	10.0/203
			-		6.0/152	
SSH24-750		-	24/600 37/940		10.0/254	3.0/76
SSH37-750		0.75/19.05				5.0/127
SSH50-750		_	50/1,270		14.0/355	7.0/177
SSH62-750			62/1,570		18.0457	9.0/228



# Ty-Rap<sup>®</sup>

# Fastening Products

## **Specifications (cont'd)**

	Stainless Steel Type	Coating or Finish	Min. Loop Tensile Strength Single Wrap (Ib./N)	Min. Loop Tensile Strength Double Wrap (lb./N)	Application Tools Used	Max. Dia. Single Wrap (in./mm)
for Stainless Stee	el Ties (cont'd)					
		Dull to Bright	100/445	- (single wrap only)	WTA290	
						Wire/cable
	304					bundling
	_		200/890			• I.D. tagging
	_					
	_				WIA250	
	_					
	_	Nylon 11 Coated (Uncoated or other colours available on special order)	75/334	300/1,334	WTAE200	<ul> <li>Reusable</li> <li>Cable bundling</li> <li>Oil rigs</li> <li>Telecommunications</li> </ul>
	-					
	_					
	_					
	_		100/445	500/2,224		
	200/300				WTAE201	towers
	-					<ul> <li>Hazardous and corrosive environment</li> <li>Cable trays</li> </ul>
					WTC075	
	-					
Nylon 11 Coate	d (cont'd)					
-						
TYS9-280C	-		250/1,112	(single wrap only)	WTAE200	<ul> <li>Self-locking</li> <li>Cable bundling</li> <li>Hazardous and corrosive environment</li> </ul>
TYS12-280C	-	Uncoated or Nylon 11 Coated Black				
TYS18-280C	_					
TYS24-280C	216				WTAE201	
TYS6-470C	310					
TYS9-470C	-				WTC075	
TYS12-470C						
TYS18-470C						
TYS24-470C						
					WT 1020	<ul> <li>Industrial hoses</li> <li>Cable bundling</li> <li>High strength</li> </ul>
	_		450/2,002	1,200/5,338	WTC075 WTC001	
	_					
	_					
	_	Bright	900/4,003			
	201			3,300/14,678	WTC075 WTC001 WTC001	
			1,400/6,227			
			1,700/7,562	4,000/17,792 5,000/22,240		
	_					
	_					
	_					
	_		2,000/8,896			
	Nylon 11 Coate TYS6-280C TYS9-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C TYS12-280C	Steel Type         for Stainless Steel       Ties (cont'd)         a       a         b       a         a       a         a       a         a       a         a       a         a       a         a       a <td>Steel Type         Finish           for Stainless Steel Ties (cont'd)        </td> <td>Stainless Steel Type         Coating or Finish         Tensile Strength Single Wrap (lb./N)           for Stainless Steel         Ties (cont'd)         100/445           100/445         100/445           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         100/445           100/445         100/445           100/445         100/445           100/445         201           11 Coated Black         250/1,112           11 Coated Black         250/1,112           100/445         250/1,112           100/445         250/1,112           100/445         1,400/6,227           100/445         1,700/7,562</td> <td>Stainless Steel Type         Coating or Finish         Tensile Strength Single Wrap (b./N)         Tensile Strength Duble Wrap (b./N)           for Stainless Steel Ties (cont'd)        </td> <td>Stainless Steel Type     Coating or Finish     Tensile Strength Duble Wrap (Ib./N)     Application Tools Used       tor Stainless Steel Tes (cont'd)         304     January 100/445     (single wrap only)       January 100/445     January 100/445     WTA250       January 100/445     January 100/445     WTA250       January 100/445     January 100/445     January 100/445       Vion 11 Coated (cont'd)     January 100/445     January 100/445       Vion 11 Coated (cont'd)     January 100/445     January 100/445       Vista 2000     January 100/445     January 100/445     January 100/445       Vista 2000</td>	Steel Type         Finish           for Stainless Steel Ties (cont'd)	Stainless Steel Type         Coating or Finish         Tensile Strength Single Wrap (lb./N)           for Stainless Steel         Ties (cont'd)         100/445           100/445         100/445           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         200/890           100/445         100/445           100/445         100/445           100/445         100/445           100/445         201           11 Coated Black         250/1,112           11 Coated Black         250/1,112           100/445         250/1,112           100/445         250/1,112           100/445         1,400/6,227           100/445         1,700/7,562	Stainless Steel Type         Coating or Finish         Tensile Strength Single Wrap (b./N)         Tensile Strength Duble Wrap (b./N)           for Stainless Steel Ties (cont'd)	Stainless Steel Type     Coating or Finish     Tensile Strength Duble Wrap (Ib./N)     Application Tools Used       tor Stainless Steel Tes (cont'd)         304     January 100/445     (single wrap only)       January 100/445     January 100/445     WTA250       January 100/445     January 100/445     WTA250       January 100/445     January 100/445     January 100/445       Vion 11 Coated (cont'd)     January 100/445     January 100/445       Vion 11 Coated (cont'd)     January 100/445     January 100/445       Vista 2000     January 100/445     January 100/445     January 100/445       Vista 2000

Ty-Rap<sup>®</sup> Stainless Steel Cable Ties have passed a variety of mechanical, environmental, and electrical tests. Other data can be made available upon request. S.S. Series also available in (316) Stainless.

