

Ty-Rap®/Catamount™

Cable Fastening Systems

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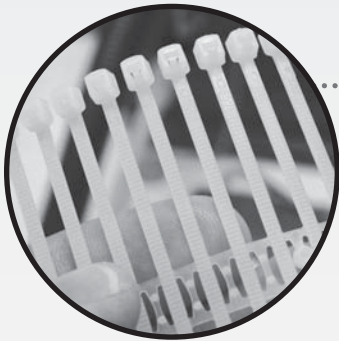
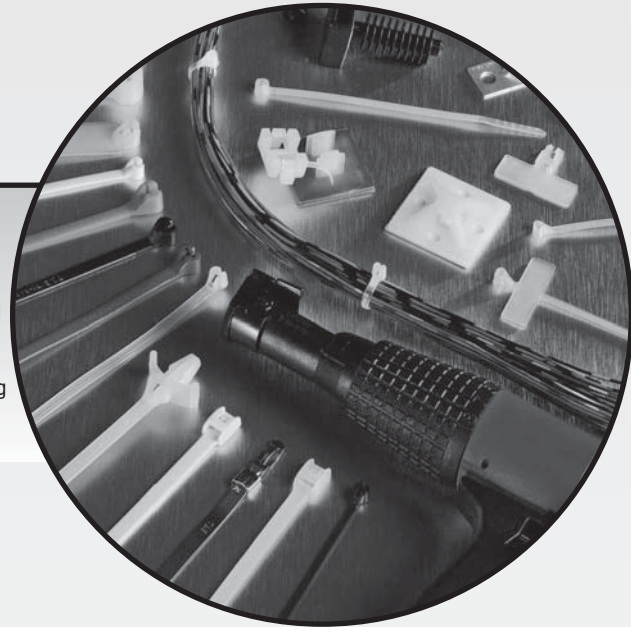
Ty-Rap® Cable Fastening Systems

Overview

Trust Ty-Rap® to securely fasten your cables!

Installers Know and Trust Ty-Rap High-Performance Fastening Products from Thomas & Betts

Wire bundling is an integral part of modern electrical and electronic installations. To finish your harnessing and bundling project as reliably and economically as possible, choose genuine Ty-Rap cable ties. These fastening systems include a full range of cable ties, identification ties, clamps, bases, harnessing aids and installing tools. Using Ty-Rap fastening systems for all wiring jobs, large and small, will speed and improve the reliability of harnessing and wire bundling while saving you money.



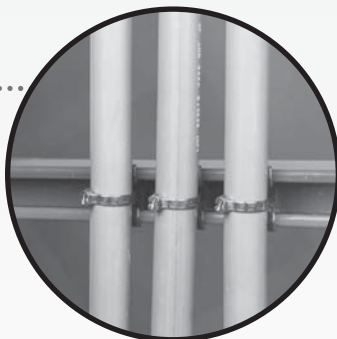
Harnessing


- **Harness Board pre-wiring prior to installation**
- **Large OEMs-Automotive, Aerospace, Computers, Electronics, Copiers, Appliances and other Durable Goods**

T&B fastening systems for large volume cable tying combine high-speed ergonomically designed automatic and semi-automatic tools, along with a wide selection of ties and harnessing aids to meet your application requirements. Accessories include various harnessing aids, retainers, supports, posts, pins and guides that allow the wire to be quickly routed with or without the use of nails.

Other Applications

- **HVAC**
- **Recreational**
- **Telecom & Utility**
- **Packaging**



Ty-Rap cable ties are remarkably well suited for a variety of other non-electrical applications. Ty-Rap cable ties exceed UL E4940S requirements for smoke developed and heat release for use in air handling spaces. Ty-Rap cable ties meet international standards such as CSA and CE as well as UL, , Belcor, ADC and military specifications in North America. T&B also offers a complete stainless steel an Deltec™ cable fastening system for demanding and weather-resistant applications. Choose genuine Ty-Rap cable ties for the rugged "Grip of Steel®." Look for the oval head.

Point-to-point and Long Distance Wiring

- **Bundling & fastening cables between equipment**
- **Panel & Machine Tool Builders**
- **Industrial & Commercial Applications, Refineries, Office Buildings**

Installers prefer the ease of use and exceptional durability of genuine Ty-Rap cable ties. Engineered for labor savings and high performance, Ty-Rap cable ties are commonly used in a variety of applications. Standoffs, bulkhead mounting bases, adhesive mounting bases and a wide variety of clamping devices will meet or exceed any requirements. Weatherable and special material Ty-Rap cable ties are exceptionally suited for years of service in extreme environments.

Cable Fastening Accessories

Choose from one of the largest assortments of mounting bases, clips and clamps, spacers, lashing straps, harness board accessories, braided wire sleeve, and accessories for heavy-duty lashing. Use Thomas & Betts cable fastening accessories for the finishing touch on your next wiring project.

Tools

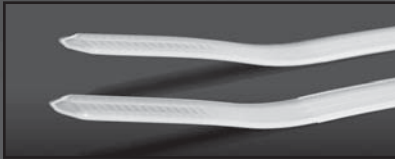
Ty-Rap installing tools finish the installation of the cable tie. Ties are cinched to the proper tension and the excess tail is cut off precisely flush with the head, leaving no sharp corners or ragged edges. Ty-Rap installing tools have narrow noses and slim profiles for work in tight spaces or between harness board nails. The operation is quick, reliable and cost effective.

Ty-Rap® Cable Fastening Systems

Why Choose Genuine Ty-Rap® Cable Ties?

Rounded, Low Profile Head

gives a professional, quality look to wire bundling projects. The classic-shaped head is designed to prevent snags on uneven surfaces and more easily pull through bulkheads. There are no sharp edges, so these ties are also easier on the installer's hands.

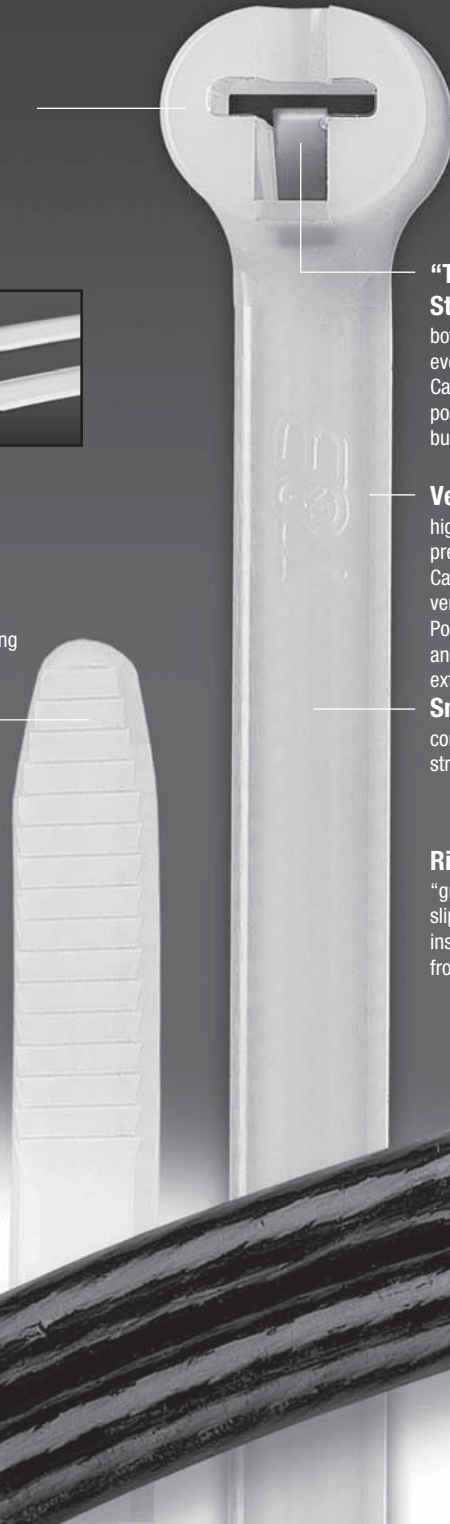


The **Turned-up Tail** orients the tie for easy assembly, making the ties easier to pick up on a flat surface.

No-Slip Tail provides easy grip during tensioning. Ty-Rap cable ties feature a unique friction surface design that's appreciated by more tradespeople.



For a whole bundle of reasons, trust only Genuine **Ty-Rap Cable Ties** by Thomas & Betts in your next wiring installation.

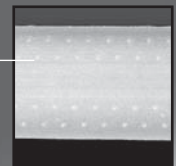


"The Grip of Steel"® Non-Magnetic Stainless Steel Locking Barb insures both maximum strength and the right tightness every time. Because there are no notches, Ty-Rap Cable Ties provide an infinite number of locking positions while fastening the tie at the precise bundle diameter.

Versatile Nylon 6/6 Material provides high strength, a wide temperature range and prevents toxic or irritating emissions. Ty-Rap Cable Ties are also available in weather-resistant versions, heat-stabilized, flame-retardant, Polypropylene, Nylon12, Fluoropolymer, Halar, and Stainless Steel materials for a variety of extreme environments.

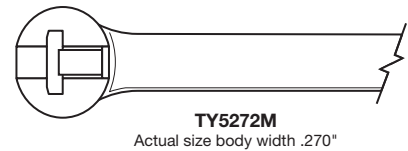
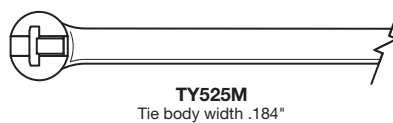
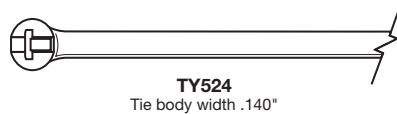
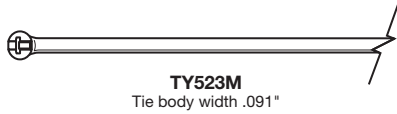
Smooth, Notchless Body reduces stress concentration points under tension, making the tie stronger and thinner than notched body ties.

Ribbed and Stippled Body "grips" the bundle and prevents slippage. Rounded edges protect insulation, preventing sharp edges from damaging cables.



When you choose a cable tie from T&B, you can count on quality, performance and innovation to make your work easier. Depending on your application, choose genuine Ty-Rap Cable ties Cable Ties, along with our wide assortment of quality accessories and installing tools to make installation hassle-free.

Ty-Rap® Cable Ties



Standard Nylon 6/6 Cable Ties

Std. Cat. No.	Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Military Standard Part No.	Tensile Strength (lb.)	Std. Pkg.	Bulk Pkg.
TY523M	TY23M	.093	3.62	.625	MS3367-4	18	100	1000
TY52315M	TYB2315M	.092	7.00	1.500	—	18	100	1000
TY5232M	TY232M	.086	8.00	2.000	—	18	100	1000
TY5234M	TY234M	.086	14.00	4.000	—	18	100	1000
TY524M	TY24M	.140	5.50	1.125	MS3367-5	40	100	1000
TY5242M	TY242M	.140	8.19	2.000	—	40	100	1000
TY526M	TY26M	.140	11.10	3.000	—	40	100	1000
TY5244M	TY244M	.140	14.50	4.000	—	40	100	1000
TY525M	TY25M	.185	7.31	1.750	MS3367-1	50	100	1000
TY5253M	TY253M	.187	11.6	3.000	MS3367-7	50	100	1000
TY528M	TY28M	.187	14.20	4.000	MS3367-2	50	100	1000
TY5272M*	TY272M*	.270	8.75	2.000	—	120	50	500
TY527M†	TY27M**†	.270	13.40	3.500	MS3367-3	120	50	500
TY5275M	TY275M	.270	18.00	5.000	—	120	50	500
TY5277M	TY277M	.270	24.30	7.000	—	120	50	500
TY529M	TY29M	.270	30.00	9.000	MS3367-6	120	50	500
TY53510M†	—	.320	35.00	10.000	—	175	50	—
TY54513M†	—	.320	45.00	13.000	—	175	50	—

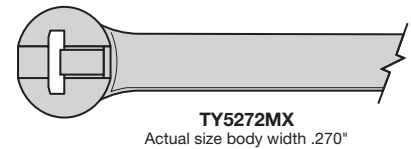
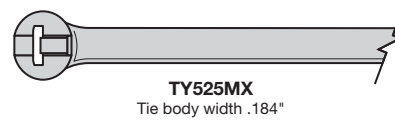
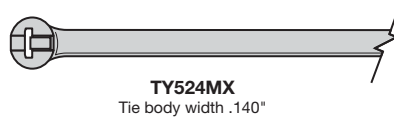
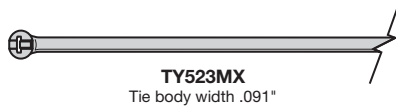
Cable ties made from natural nylon 6/6 are excellent performers in most applications. Nylon 6/6 is recommended for use in temperatures ranging from 185°F to -40°F.

† Recognized Models.

• CSA Certified Natural 6/6 Nylon Cable Ties are suitable for use in air handling spaces in accordance with rules 12-010 (3), (4) and (5), and 12-020 of the CEC.

* Not CSA Certified

Ty-Rap® Cable Ties



ULTRAVIOLET
RESISTANT

The MX series cable ties are recommended for outdoor use. The addition of carbon black provides good ultraviolet resistance and prolongs the useful life of the cable tie.



Nylon 6/6 Weather Resistant

Std. Cat. No.	Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Military Standard Part No.	Tensile Strength (lb.)	Std. Pkg.	Bulk Pkg.
TY523MX	TY23MX	.093	3.62	.625	MS3367-4	18	100	1000
TY52315MX	TYB2315MX	.092	7.00	1.500	—	18	100	1000
TY5232MX	TY232MX	.086	8.00	2.000	—	18	100	1000
TY5234MX	TY234MX	.086	14.00	4.000	—	18	100	1000
TY524MX	TY24MX	.140	5.50	1.125	MS3367-5	40	100	1000
TY5242MX	TY242MX	.140	8.19	2.000	—	40	100	1000
TY526MX	TY26MX	.140	11.10	3.000	—	30	100	1000
TY5244MX	TY244MX	.140	14.50	4.000	—	30	100	1000
TY525MX	TY25MX	.185	7.31	1.750	MS3367-1	50	100	1000
TY5253MX	TY253MX	.187	11.6	3.000	MS3367-7	50	100	1000
TY528MX	TY28MX	.187	14.20	4.000	MS3367-2	50	100	1000
TY5272MX [†]	TY272MX ⁽¹⁾	.270	8.75	2.000	—	120	50	500
TY527MX [†]	TY27MX ⁽¹⁾	.270	13.40	3.500	MS3367-3	120	50	500
TY5275MX	TY275MX ^{**}	.270	18.00	5.000	—	120	50	500
TY5277MX	TY277MX ^{**}	.270	24.30	7.000	—	120	50	500
TY529MX	TY29MX [*]	.270	30.00	9.000	MS3367-6	120	50	500
TY53510MX [†]	—	.320	35.00	10.000	—	175	50	—
TY54513MX [†]	—	.320	45.00	13.000	—	175	50	—

* For military compliance of weather resistant black 120 lb. ties, replace suffix X with O (ie. TY27M-O).

[†] Not Listed or Recognized Models. / (1) Not CSA Certified

** _{us}

• CSA Certified Natural 6/6 Nylon Cable Ties are suitable for use in air handling spaces in accordance with rules 12-010 (3), (4) and (5), and 12-020 of the CEC.



NEW
Now UV-Stabilized
Nylon 6.6

Ty-Rap® Nylon 6/6 Cable Tie – Colour Assortment

Std. Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Military Standard Part No.	Tensile Strength (lb.)	Std. Pkg.
TY525M-CLRS	0.184	7.31	1.75	–	50	10

Cable ties are same size as TY525M shown above. 10 ties in each colour (black, brown, red, orange, yellow, green, blue, purple, grey & white) are packaged. 100 total cable ties per package.

The colors you need in convenient packs!

Ty-Rap® Nylon 6.6 Cable Ties —
Color Assortment



• Construction — nylon 6.6, 316 stainless steel locking device



Std. Pkg. Cat. No.	Bulk Pkg. Cat. No.	Description	Length (in./mm)	Tensile Strength (lb./n.)	Std. Bulk Qty
–	TY525M-CLRS	Multi-Coloured, Natural Nylon, (10 each of standard ten colours)	7.31/185.67	50/222.40	100 Ties
–	TY25M-0	Black, Natural Nylon	7.31/185.67	50/222.40	1,000 Ties
–	TY25M-1	Brown, Natural Nylon	7.31/185.67	50/222.40	1,000 Ties
–	TY25M-2	Red, Natural Nylon	7.31/185.67	50/222.40	1,000 Ties
–	TY25M-3	Orange, Natural Nylon	7.31/185.67	50/222.40	1,000 Ties
–	TY25M-4	Yellow, Natural Nylon	7.31/185.67	50/222.40	1,000 Ties
–	TY25M-5	Green, Natural Nylon	7.31/185.67	50/222.40	1,000 Ties
–	TY25M-6	Blue, Natural Nylon	7.31/185.67	50/222.40	1,000 Ties
–	TY25M-7	Purple, Natural Nylon	7.31/185.67	50/222.40	1,000 Ties
–	TY25M-8	Grey, Natural Nylon	7.31/185.67	50/222.40	1,000 Ties
–	TY25M-9	White, Natural Nylon	7.31/185.67	50/222.40	1,000 Ties

For use in temperatures ranging from -40° F to 185° F (-40° C to 85° C)

• UL Listed Natural 6.6 Nylon Cable Ties are suitable for use in air handling spaces (plenums) in accordance with Section 300.22 (C) & (D) of the National Electrical Code.

• 100 standard ties in black, brown, red, orange, yellow, green, blue, purple, grey and white (10 each)

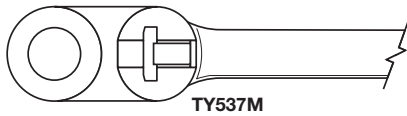
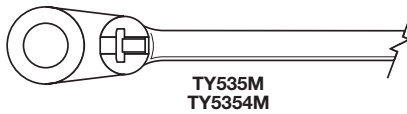
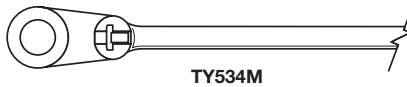
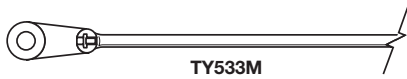
• Recommended tooling – ERG-50, WT1-TB

How to Order Coloured Ty-Rap® Cable Ties and Accessories

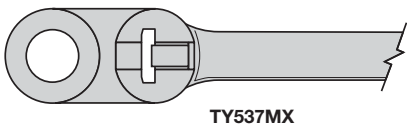
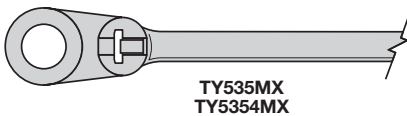
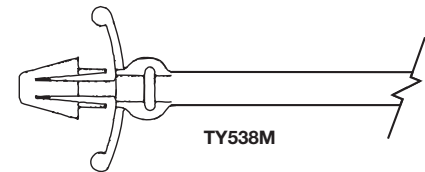
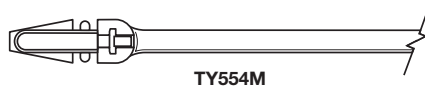
Natural nylon is standard. For coloured Ty-Rap® ties, add the following suffix numbers to catalogue numbers. **Example:** TY25M-2 would be read TY25M. (Consult customer service for ordering information.)

COLOR	SUFFIX NO.	COLOR	SUFFIX NO.	COLOR	SUFFIX NO.	COLOR	SUFFIX NO.
Black (outdoor)	X	Red	2	Green	5	Gray	8
Brown	1	Orange	3	Blue	6	White	9
		Yellow	4	Purple	7		

Ty-Rap® Cable Ties



• Great for use with screws, nuts and bolts for secure fastening to surfaces.



The MX series cable ties are recommended for outdoor use. The addition of carbon black provides good ultraviolet resistance and prolongs the useful life of the cable tie.

Ty-Rap® Mounting Head Cable Ties

Std. Cat. No.	Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Mounting Hole	Tensile Strength (lb.)	Std. Pkg.	Bulk Pkg.
TY533M	TY33M	.091	4.00	.625	#4	18	100	1000
TY534M	TY34M	.140	6.00	1.125	#8	40	100	1000
TY535M	TY35M	.184	7.80	1.750	#10	50	100	1000
TY5354M	TY354M	.184	14.60	4.000	#10	50	100	1000
TY1435M	-	.189	7.8	1.77	.248	50	-	1000
TY635M	-	.189	7.8	1.77	.138	50	-	1000
TYF535M	TYF35M	.189	7.24	1.77	.138	50	100	1000
TY537M	TY37M	.301	13.90	3.500	1/4	120	50	500

Cable ties made from natural nylon 6/6 are excellent performers in most applications. Nylon 6/6 is recommended for use in temperatures ranging from 185°F to -40°F.



Ty-Rap® Push Mount Cable Ties

For use in 3/16" and 1/4" pre-drilled holes. Thickness panel .094 max. (TY554M)
Range .04 - .156 (TY538M)

Std. Cat. No.	Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Mounting Hole	Tensile Strength (lb.)	Std. Pkg.	Bulk Pkg.
TY554M	TY54M	.140	5.96	1.125	3/16	40	100	1000
TY538M	TY38M*	.184	7.80	1.750	1/4	50	100	1000

Cable ties made from natural nylon 6/6 are excellent performers in most applications. Nylon 6/6 is recommended for use in temperatures ranging from 185°F to -40°F.

* Nylon 6/6 UV weather resistant version available (TY38MX).

Nylon 6/6 Weather Resistant

Std. Cat. No.	Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Mounting Hole	Tensile Strength (lb.)	Std. Pkg.	Bulk Pkg.
TY533MX	TY33MX	.091	4.00	.625	#4	18	100	1000
TY534MX	TY34MX	.140	6.00	1.125	#8	40	100	1000
TY535MX	TY35MX	.184	7.80	1.750	#10	50	100	1000
TY5354MX	TY354MX	.184	14.60	4.000	#10	50	100	1000
TY538MX	TY38MX	.184	7.80	1.750	1/4	50	-	1000
TY537MX	TY37MX	.301	13.90	3.500	1/4	120	50	500



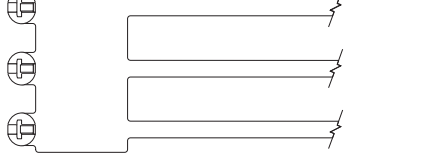
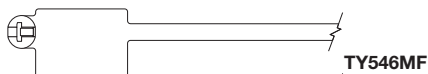
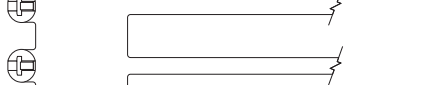
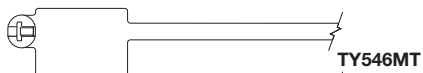
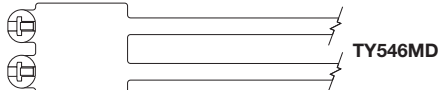
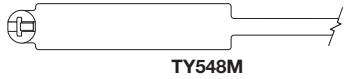
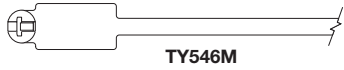
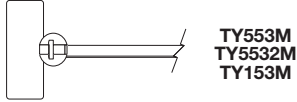
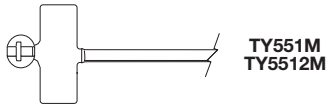
ULTRAVIOLET
RESISTANT

Note: The base catalogue number for Ty-Rap® cable ties is for natural (non-coloured) nylon without the UV-stabilizing additive, which is not suitable for outdoor use. For coloured UV-stabilized nylon Ty-Rap® cable ties, add the following suffix numbers to the base catalogue numbers. For example, TY25M is natural (non-coloured) nylon for indoor use only, while TY25M-2 is red UV-stabilized nylon for indoor or outdoor use. (Consult customer service for ordering information.)

How to Order Colour-Coded Ty-Rap® Ties and Accessories

Colour	Suffix No.	Colour	Suffix No.
Black	X	Blue	6
Brown	1	Purple	7
Red	2	Grey	8
Orange	3	White	9
Yellow	4	Beige	22
Green	5		





Ty-Rap® Identification Cable Ties

Std. Cat. No.	Bulk Cat. No.	Body Width (in.)	Total Length (in.)	Max. Wire Bundle Dia. (in.)	Military Standard Part No.	Marking Pad Size (in.) W x H	Tensile Strength (lb.)	Std. Pkg.	Bulk Pkg.
TY551M	TY51M	.093	3.60	0.625	MS3368-5	1 x .313	18	100	500
TY5512M	TY512M	.090	8.30	2	-	1 x .313	18	100	1000
TY553M	TY53M	.093	4.00	0.625	-	.813 x .359	18	50	500
TY5532M	TY532M	.090	8.40	2	-	.813 x .359	18	100	1000
-	TY153M	.097	4.35	0.625	-	.781 x 1	18	-	500
TY546M	TY46M	.184	7.1	1.75	MS3368-1	.5 x .875	50	100	1000
TY548M	TY48M*	.187	14.2	4	MS3368-2	.5 x 2.125	50	100	1000
TY546MD	TY46MD*	.185	7.25	1.75	MS3368-3	1.172 x 1	50	50	500
TY546MT	TY46MT*	.185	7.25	1.75	MS3368-4	1.210 x 1	50	100	500
TY546MF	TY46MF	.185	7.25	1.75	-	2.48 x 1	50	-	500

Self-locking Ty-Rap® identification ties are available in both single and multiple configurations. They may be marked with the special Thomas & Betts black or red marking pen which produces a permanent legend, or they can be heat stamped. Because the ties serve the dual purpose of tying and identifying, you will achieve extra economies. They can be applied with the standard Ty-Rap® tying tools used for regular ties.

* Nylon 6/6 UV weather resistant version available (add suffix "-x").



Custom Heat Stamping

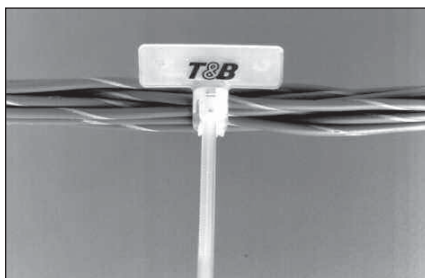
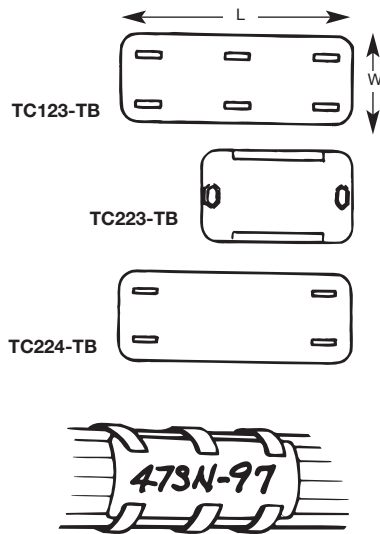
Thomas & Bett's Custom Heat Stamping provides an economical way to fasten and identify cable bundles. Mark nylon cable ties, identification cable ties, and identification plates to suit your application.

- 1/16", 1/8", 3/16" characters available.
- Standard Type: Gothic Capitol.
- Character sizes can be mixed from line to line on Identification cable ties.
- Alphanumeric and Sequential numbering available.

- Six digit sequential numbering available in 1/8" characters.
- Eight digit sequential numbering available in 1/16" and 3/16" characters.
- The following colours of heat stamping are available – Black, Blue, Green, Red, Yellow, Orange and White.
- Special logos and different type styles can be accommodated when camera ready artwork is provided.
- Minimum order quantity is 3000 pieces per part number and message.

Contact your Regional Sales Office for Pricing, Availability, Quotation and Order Entry.

Ty-Rap® Cable Ties



Snaps onto the head of a conventional cable tie to convert it to an identification tie.

- *When snapped onto the tie head, the tag is conveniently held in place until it is permanently fastened.*
- *Offers maximized inventory control because the I.D. tag will accommodate different tie lengths and materials.*



Identification Plates

Bulk Cat. No.	Width (in.)	Length (in.)	Thickness (in.)	Max. Cable Tie Width (in.)	Bulk Pkg.
TC123-TB	.75	1.25	.010	.190	1000
TC124-TB	.75	1.50	.010	.190	1000
TC125-TB	.75	1.75	.010	.190	1000
TC126-TB	.75	2.00	.010	.190	1000
TC128-TB	.75	2.50	.010	.190	1000
TC223-TB	.75	1.28	.015	.190	1000
TCZ223	.75	1.28	.015	.190	1000
TC224-TB	.75	1.28	.015	.190	1000
TC225-TB	.75	1.75	.015	.190	1000
TC226-TB	.75	2.00	.015	.190	1000
TC228-TB	.75	2.50	.015	.190	1000

Ranging in length from 1-1/4" to 2-1/2", the identification plates are secured to the cable with Ty-Rap® ties. They are composed of .010" and .015"-thick nylon, and have a surface which can be marked easily. Thomas & Betts offers custom heat stamping of your plates at the factory. Other materials are available. Contact customer service.

Snap-On Identification Marker Tag

- Allows marking and bundling to be done in one operation.
- The marking can be made with a Thomas & Betts permanent marking pen (black or red); catalogue numbers: WT163M-1 (black), WT163M-3 (red).
- The identification tags are sold separately and can be conveniently snapped on the cable ties at the assembly location just before being installed on the bundle.

Std. Cat. No.	Bulk Cat. No.	Description	Marking Pad Size (in.) W x H	Std. Pkg.	Bulk Pkg.
TC523	TC23	Snaps onto the heads of all miniature 18 lb. series cable ties	1" x .35"	100	1000
TC524	TC24	Snaps on to the heads of all intermediate 30 & 40 lb. series cable ties	1" x .50"	100	1000
TC525	TC25	Snaps onto the heads of all standard 50 lb. series cable ties	1" x .50"	100	1000

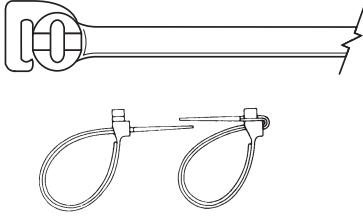
Note: Made of natural nylon 6/6.

Ty-Rap® Marking Pens

Cat. No.	Colour Ink	Std. Pkg.
WT163M-1	Black	1
WT163M-3	Red	1

Note: Permanent, fine point.

Ty-Rap® Cable Ties



This Ty-Rap® brand cable tie lets you secure wire bundles up to 1-3/4 inches in diameter to all masonry surfaces. It is equipped with a masonry plug which is driven into the drilled hole. Once installed, the tail is looped through the head to provide a neat, safe, low-profile installation. It is made of black, weather-resistant nylon.



The Drive-Ty™ cable tie gives you a fast, safe means of securing cables to wood surfaces.



- One-piece design, fast and convenient to use.
- Lowers your installed cost.
- Clamping range of 1/16 to 2-3/8 inches reduces your inventory – one clamp replaces many.
- Visually attractive – head resembles rivet.
- Locking grooves maintain tight grip.

Reusable Ty-Rap® Cable Ties

Cat. No.	Body Width (in.)	Length (in.)	Bundle Dia. (in.)	Tensile Strength	Std. Pkg.
TYR505	.184	7.50	1.75	50	100
TYR508	.184	14.30	4.00	50	100

Cable ties made from natural nylon 6/6 are excellent performers in most applications. Nylon 6/6 is recommended for use in temperatures ranging from 185°F to -40°F.

Plug-Ty™ Cable Tie for Masonry Surfaces

Cat. No.	Body Width (in.)	Max. Wire Bundle Dia. (in.)	Masonry Hole Size	Pullout Force	Std. Pkg.
TY544MX	.184	1.75	1/4	25	50

Drive-Ty™ Cable Tie

Cat. No.	Body Width (in.)	Max. Wire Bundle Dia. (in.)	Pullout Force	Std. Pkg.
TY545MX	.184	1.5	50	50

Universal Button Head Cable Tie

Std. Cat. No.	Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Hole Size	Tensile Strength	Std. Pkg.	Bulk Pkg.
TY541M	TY41M	.225	9.60	2.37	.32-.68	65	50	1000
650-41600	–	.225	10.25	2.5	.32-.68	65	500	1000
696-41848	–	.225	12.5	3	.32-.68	65	500	1000

Note: Loop tie through hole in frame, around electrical, hydraulic, or air hoses to be clamped, and through head. Tighten and cut off with Ty-Rap tool. Visually looks like a rivet.

Ty-Rap®

Cable Ties for Special Environments

Cable Ties – Material Selection Ordering Guide

Thomas & Betts offers Ty-Rap® cable ties and accessories in a wide variety of materials, each suited for specific environments. The purpose of this document is to assist you in choosing the best material for your particular application. The effects of weathering, flame, chemicals, extreme temperatures, and radiation on the different materials are clearly presented in the following tables to simplify this process. Once you have determined the most suitable material, you can choose from the wide variety of Ty-Rap® cable ties, identification ties, mounting bases, lashing ties, etc., offered by Thomas & Betts.

How to use Table 1:

Table 1 simplifies the material selection process by giving the relative performance ratings of the materials offered by Thomas & Betts. For example, if your application is in an extremely cold environment, four materials will answer your need: Fluoropolymer, nylon 12, Halar® +, and stainless steel. Then, cost may be your next most important criteria, so out of those four options, nylon 12 would be the most cost effective. However, if tensile strength is important, then stainless steel would be the better choice.

Refer to tables 2 (page 38) and 3 (page 40-42) for more detailed information regarding physical properties of the materials and chemical resistance of the materials respectively.

It is extremely difficult to provide data on all the possible combinations or conditions that can occur. This information is based on data provided by the manufacturers of the specific materials listed and is provided only as a general guide. No specific recommendation is intended. As each application may differ, cable tie samples should be tested in the intended application by the user to determine suitability.

+ - Halar® is the trademark of Solvay Solexis, Inc.

TABLE 1

Available Materials

5 = Most Suitable 1 = Least Suitable

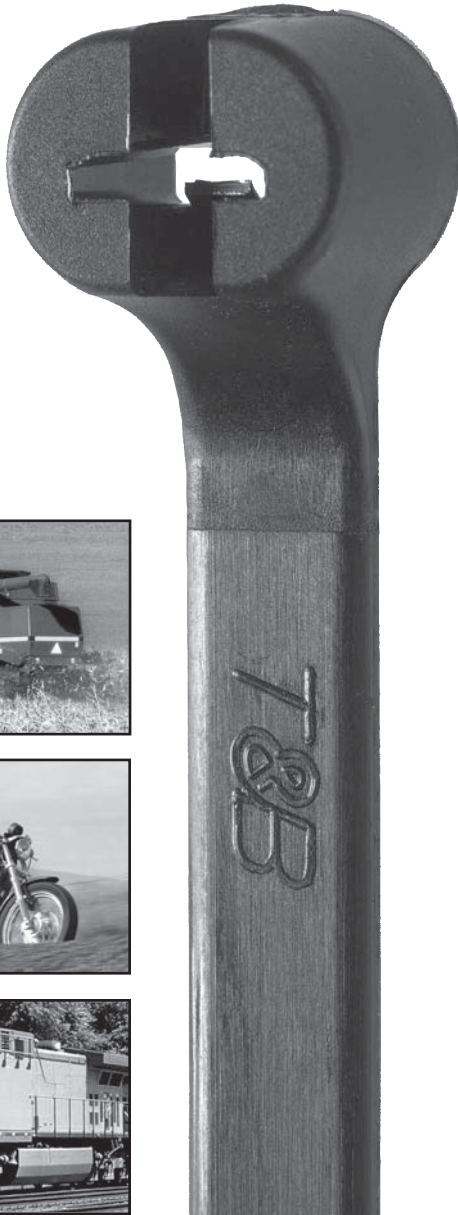
	Natural 66 Nylon	Weather Resistant 66 Nylon	Heat Stabilized Natural 66 Nylon	Flame Retardant 66 Nylon	Weather Resistant Nylon 12	Weather Resistant Polypropylene	Fluoro- polymer	Halar®	Stainless Steel	Weatherable Acetal
Ultraviolet Resistance	1	4	1	1	4	4	5	5	5	4
Radiation Resistance	1	1	1	1	1	1	4	4	5	1
Low Temperature	3	3	3	2	4	3	4	4	5	4
High Temperature	3	3	4	3	2	2	4	4	5	2
Flammability	3	3	3	4	1	1	4	4	5	1
Tensile Strength	3	3	3	3	2	1	3	3	5	2
Relative Cost	Low	Low	Low	Med	Med	Low	High	High	High	High
Chemical Resistance	See Table 3									



Heat Stabilized/Ultraviolet Resistant Cable Ties

Ty-Rap® Heat Stabilized/Ultraviolet (UV) Resistant Cable Ties are a durable, cost effective bundling solution designed to be used in special applications and in harsh environmental conditions. The new ties combine heat stabilizing and UV resistant materials to provide a better match for special applications both in outdoor and high temperature areas. These ties also provide a smooth, low profile look and they offer unlimited tensioning range for a perfect fit. The convenience of a single tie for both applications keeps installation time and cost to a minimum. These ties are also an effective alternative to expensive metallic fasteners, which are priced higher and take longer to install. Remember to look for the oval head, which is featured on every original Ty-Rap® Cable Tie.

- Ideal for industrial OEM and MRO (includes, but not limited to industrial, lawn/garden/farming equipment, recreation vehicles, heavy equipment)
- Can be placed in environments requiring heat stabilized and UV resistance
- Provides a smooth, low profile look and offers unlimited tensioning range for a perfect fit
- Features an oval head on every original Ty-Rap® Cable Tie
- Quicker to install and less expensive than metallic fasteners, lacing cord or tape
- Made of heat stabilized nylon
- UV Resistant
- Black Colour
- Temperature Rating: (-40°F/-40°C) to (221°F/105°C)
- UL Recognized



Ty-Rap® Heat Stabilized/UV Resistant Cable Ties

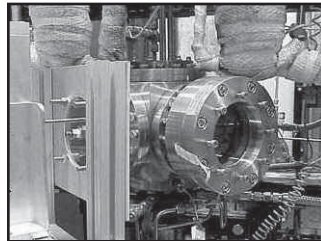
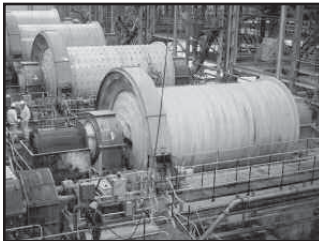
Cat. Number	Description	Std. Pkg. Qty.	UPC Number
TY23MX-A	Ty-Rap® Cable Ties, Heat Stabilized and UV Resistant Black Nylon, 3.62" length, 18 lb. tensile strength	1000 Per Bag	78621081641
TY24MX-A	Ty-Rap® Cable Ties, Heat Stabilized and UV Resistant Black Nylon, 5.5" length, 40 lb. tensile strength	1000 Per Bag	78621081615
TY25MX-A	Ty-Rap® Cable Ties, Heat Stabilized and UV Resistant Black Nylon, 7.31" length, 50 lb. tensile strength	1000 Per Bag	78621081636
TY27MX-A	Ty-Rap® Cable Ties, Heat Stabilized and UV Resistant Black Nylon, 13.40" length, 120 lb. tensile strength	500 Per Bag	78621081642



Extra High Temperature Cable Ties

Ty-Rap® Extra High Temperature Cable Ties are designed to withstand extended usage in extra high temperature applications. The advanced nylon heat stabilizing material is suitable in an extra high temperature setting, thus reducing the need for expensive metallic fasteners. These ties also provide a smooth, low profile look and they offer unlimited tensioning range for a perfect fit. Ty-Rap® Extra High Temperature Cable Ties can save time, money and are a solid match for applications where extra high temperatures are present in the environment. Remember to look for the oval head, which is featured on every original Ty-Rap® Cable Tie.

- Ideal for industrial OEM and MRO (includes, but not limited to metal processing, paper mills, lighting and other high temperature environments) and commercial construction markets
- Provides a smooth, low profile look and offers unlimited tensioning range for a perfect fit
- Features an oval head on every original Ty-Rap® Cable Tie
- Made of extra high temperature nylon
- Light Green Colour
- Quicker to install and less expensive than metallic fasteners, lacing cord or tape
- Maximum continuous temperature rating in air: (-40°F/-40°C) to (302°F/150°C)



Ty-Rap® Extra High Temperature Cable Ties

Cat. Number	Description	Std. Pkg. Qty.	UPC Number
TYHT23M	Ty-Rap® Cable Ties, High Temperature Light Green Nylon, 3.62" length, 18 lb. tensile strength	1000 Per Bag	78621095267
TYHT25M	Ty-Rap® Cable Ties, High Temperature Light Green Nylon, 7.31" length, 50 lb. tensile strength	1000 Per Bag	78621095270
TYHT27M	Ty-Rap® Cable Ties, High Temperature Light Green Nylon, 13.40" length, 120 lb. tensile strength	500 Per Bag	78621095272
TYHT28M	Ty-Rap® Cable Ties, High Temperature Light Green Nylon, 14.20" length, 50 lb. tensile strength	1000 Per Bag	78621095271



Ty-Rap® Tote™



4", 8", and 11"–14" Combination Length Cable Tie Dispensers

Keep Ty-Rap® cable ties at your fingertips with Ty-Rap® Totes™. Ty-Rap® Tote™ cable tie dispensers are a fast and easy way to store and dispense cable ties between 4", 8", 11"–14" in length. Clip one to your belt or tool pouch, and free your hands for the rigors of the job. Your Ty-Rap® cable ties will be easily accessible when and where you need them.

- Durable, lightweight polyester exterior and tough vinyl interior construction
- Rugged diamond-shaped cutout for easy access to cable ties (up to 8", 11"–14" lengths) and rectangular-shaped (for 4" length)
- Handy belt clip and chrome steel loop for easy attachment
- Resealable hook-and-loop flap for easy refill
- Includes 100 genuine Ty-Rap® cable ties
- Refilling is a cinch
- Cable ties at your fingertips
- Free your hands for the job
- No more lost ties or dropped bags

Ty-Rap® Tote™ Cable Tie Dispenser

Cat. Number	Description	Std. Pkg. Qty.	UPC Number
TY-TOTE-23	Ty-Rap® Tote™ 4" Cable Tie Dispenser (includes 1 pkg. TY523M)	1 Tote	78621095084
TY-TOTE-25	Ty-Rap® Tote™ 8" Cable Tie Dispenser (includes 1 pkg. TY525M)	1 Tote	78621083871
TY-TOTE-28	Ty-Rap® Tote™ 11"–14" Combination Cable Tie Dispenser (includes 1 pkg. TY528M)	1 Tote	78621097941

Order only genuine Ty-Rap® Cable Ties to refill your dispenser!

TY523M	Ty-Rap® Cable Ties, Natural Nylon, 3.62" length, 18 lb. tensile strength (100 to a pkg.)	100 Ties	78621080507
TY523MX	Ty-Rap® Cable Ties, UV Resistant (Black), 3.62" length, 18 lb. tensile strength (100 to a pkg.)	100 Ties	78621080508
TY525M	Ty-Rap® Cable Ties, Natural Nylon, 7.31" length, 50 lb. tensile strength (100 to a pkg.)	100 Ties	78621080509
TY525MX	Ty-Rap® Cable Ties, UV Resistant (Black), 7.31" length, 50 lb. tensile strength (100 to a pkg.)	100 Ties	78621080510
TY5253M	Ty-Rap® Cable Ties, Natural Nylon, 11.6" length, 50 lb. tensile strength (100 to a pkg.)	100 Ties	78621086989
TY5253MX	Ty-Rap® Cable Ties, UV Resistant (Black), 11.6" length, 50 lb. tensile strength (100 to a pkg.)	100 Ties	78621088513
TY528M	Ty-Rap® Cable Ties, Natural Nylon, 14.2" length, 50 lb. tensile strength (100 to a pkg.)	100 Ties	78621080513
TY528MX	Ty-Rap® Cable Ties, UV Resistant (Black), 14.2" length, 50 lb. tensile strength (100 to a pkg.)	100 Ties	78621080514

**Because Secret Ingredients
Aren't Always a Good Thing.**



Ty-Rap®

Cable Ties for Special Environments



Avoid Unpleasant Surprises with Ty-Rap® Detectable Cable Ties.

When you were six, you were thrilled to find the secret decoder ring at the bottom of the cereal box. But since then, you probably don't think of hidden surprises in food as a good thing. And if you're employed in food, beverage or pharmaceutical processing, the last thing you want is a consumer finding the trimmed-off end of a cable tie packaged with your product.

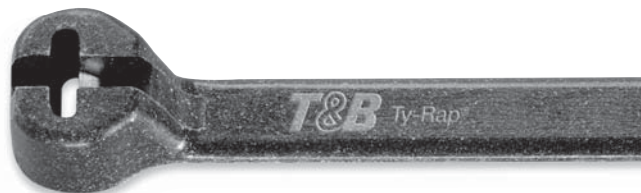
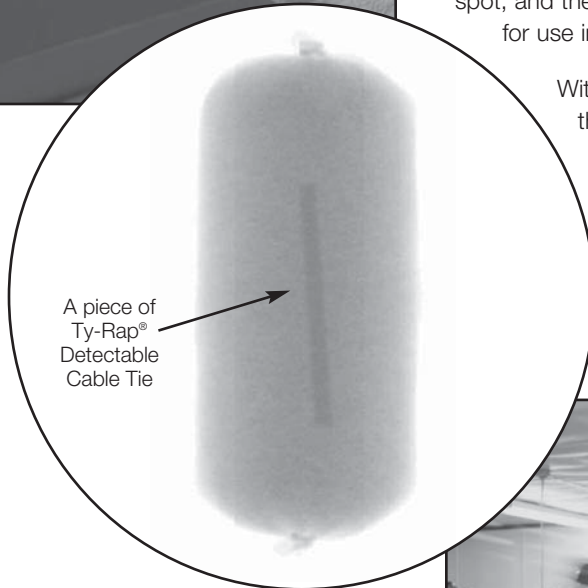
In fact, some manufacturing plants in industries sensitive to contamination have banned the use of nylon cable ties in their manufacturing plants, because standard nylon can pass unnoticed through metal detectors, x-ray equipment and standard visual detection systems.

Now there's an alternative to protect against potential contamination of your product with standard nylon cable ties or paying for expensive stainless steel fasteners. Ty-Rap® Detectable Cable Ties are made from standard nylon or polypropylene, but incorporate a unique, compound detectable by metal detectors and x-ray equipment. Their bright blue colour makes them easy to spot, and the polypropylene version is buoyant, making it ideal for use in liquid processing areas.

With Ty-Rap® Detectable Cable Ties, you have all of the advantages of the original Ty-Rap® Cable Tie, including a smooth body with an infinitely adjustable design, high-performance stainless steel locking device for a perfect fit and superior holding power — plus the peace of mind of knowing the integrity of your product is uncompromised.

Detectable by:

- Metal detectors
- X-ray equipment
- Visual detection systems

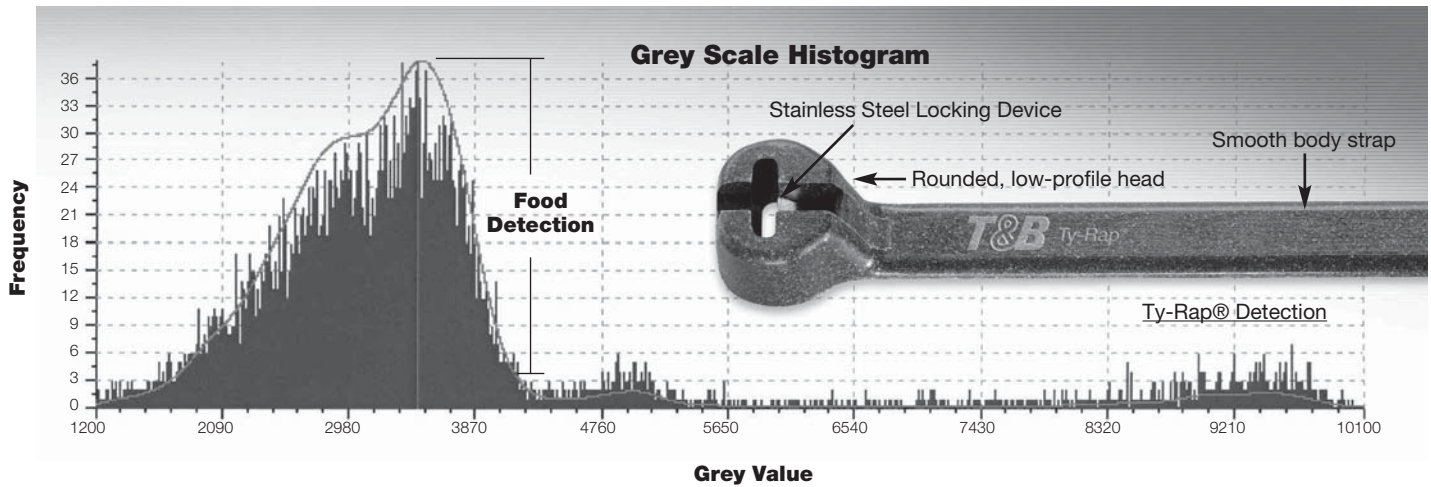


Contains a unique, compound detectable by metal detectors and x-ray equipment.



Ty-Rap®

Cable Ties for Special Environments



Features

- Detectable by metal detectors set at minimum 1.5mm ferrous sphere
- Detectable by x-ray equipment
- Bright blue colour allows easy visual detection, especially on white conveyor systems
- Buoyant, polypropylene version available for use in liquid-processing applications
- “The Grip of Steel®” locking device offers superior performance
- Oval, low-profile head and smooth molded body shed contaminants
- Half the price of stainless steel fasteners
- Infinitely adjustable design ensures the right fit
- Maximum operating temperature: 185° F (85° C)
- Available in a variety of sizes and tensile ratings

Typical Applications

- Food and beverage processing
- Pharmaceutical production
- Chemical and compounds manufacturing
- Tobacco processing
- Tire and airbag manufacturing
- Any other industry sensitive to contamination and using detection equipment



Ty-Rap® - Ty-Pak®



Ty-Rap® Detectable Cable Ties were tested by leading metal-detection and x-ray equipment manufacturers to ensure detectability.



The polypropylene version of Ty-Rap® Detectable Cable Ties floats, making it easy to spot in liquid-processing areas.



Great addition to the Ty-Rap® Detectable Cable Ties!

Ty-Gun™ Cable Tie Tool

No More Flying Cable Tie Tails — Cleanly Cuts Ties and Holds Tails Captive!

- Lightweight, break-through ergonomic design dramatically reduces user stress and strain
- 360° rotating nose enables operation from any position
- Front-access tension-adjustment wheel permits fast, easy changes



ERG50

Ty-Rap® Detectable Cable Ties

Cat. Number	Length	Width	Bundle Dia. Max.	Tensile Rating	Std. Pkg. Qty.	UPC Number
Bright Blue Detectable — Compound Nylon 6.6						
TY523M-NDT	3.62"	0.093"	0.625"	18 lb./80N	100	78621099531
TY525M-NDT	7.31"	0.185"	1.750"	50 lb./220N	100	78621099533
TY527M-NDT	13.40"	0.270"	3.500"	120 lb./540N	50	78621099537
TY528M-NDT	14.20"	0.187"	4.000"	50 lb./220N	100	78621099535
Bright Blue Detectable — Compound Buoyant Polypropylene						
TY523M-PDT	3.62"	0.093"	0.625"	18 lb./80N	100	78621099532
TY525M-PDT	7.31"	0.185"	1.750"	30 lb./135N	100	78621099534
TY527M-PDT	13.40"	0.270"	3.500"	60 lb./267N	50	78621099538
TY528M-PDT	14.20"	0.187"	4.000"	30 lb./135N	100	78621099536

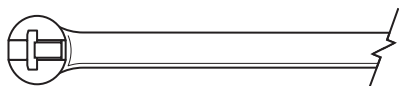
Cat. Number	Description	Std. Pkg. Qty.	UPC Number
Ty-Rap® TY-Pak®			
TB-RAP-100	Double-barrel module	1	78620986650
TB-RAP-200	Single-barrel module	1	78620986651
TB-RAP-300	Single-barrel module	1	78620986652
TB-RAP-110	Double-barrel module	1	78620986653
TB-RAP-210	Single-barrel module	1	78620986654
TB-RAP-310	Single-barrel module	1	78620986655
TB-RAP-211	Single-barrel module	1	78620986656
TB-RAP-311	Single-barrel module	1	78620986657

Cat. Number	Handle Colour	Tie Body Tension	Width Range	Std. Pkg. Qty.	UPC Number
Ty-Gun™ Cable Tie Tool					
ERG50	Black	18-50 lb.	0.094" – 0.184"	1	78621058790
ERG120	Red	50-120 lb.	0.184" – 0.301"	1	78621058788

Temperature rating: -40°F (-40°C) to 185°F (85°C)

Ty-Rap®

Cable Ties for Special Environments



FLAMMABILITY

Flame Retardant Ties

Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Marking Pad Size (in.) W x H	Tensile Strength (lb.)	Bulk Pkg.
TY23MFR	.091	3.62	.625	NA	18	1000
TY232MFR	.091	8.00	2.00	NA	18	1000
TY24MFR	.140	5.50	1.125	NA	40	1000
TY25MFR	.184	7.31	1.75	NA	50	1000
TY28MFR	.184	14.20	4.00	NA	50	1000
TY272MFR[†]	.301	8.00	2.00	NA	120	500
TY27MFR	.301	13.20	3.50	NA	120	500
TY53MFR	.091	4.00	.625	.813 x .359	18	500
TY153MFR	.097	4.35	.625	.781 x 1	18	500

This material meets U.L. 94V-0 flammability rating. (85°C / 185°F)

[†] Not Ⓜ Recognized Model.

Colour – White



WEATHER RESISTANT



ULTRAVIOLET RESISTANT

Nylon 12 Ties

Std. Cat. No.	Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Tensile Strength (lb.)	Std. Pkg.	Bulk Pkg.
TC525MX	TYC25MX	.184	7.31	1.75	35	100	1000
-	TYC28MX	.184	14.20	4.00	35	-	1000
-	TYC272MX	.270	8.00	2.00	85	-	500
-	TYC27MX	.270	13.20	3.50	85	-	500
-	TYC29MX	.300	30.00	9.00	85	-	500

This material provides very good resistance to ultraviolet light and chemical exposure. Nylon 12 is a lower, moisture-absorbing material than 6/6 nylon and the effect of water on properties is much less.

Colour – Black



HIGH TEMPERATURE

Heat-Stabilized Ties

Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Tensile Strength (lb.)	Bulk Pkg.
TYH23M	.091	3.62	.625	18	1000
TYH232M	.091	8.00	2.00	18	1000
TYH24M	.140	5.50	1.125	30	1000
TYH242M	.140	8.19	2.00	30	1000
TYH26M	.140	11.10	3.00	30	1000
TYH25M	.184	7.31	1.75	50	1000
TYH253M	.184	11.40	3.00	50	1000
TYH28M	.184	14.20	4.00	50	1000
TYH27M	.270	13.20	3.50	120	500
TYH272M	.270	8.75	2.00	120	500
TYH29M	.301	30.00	9.00	120	500

Heat-stabilized ties are recommended for higher continuous temperature use (105°C / 221°F).

Material meets ASTM D4066 PA121.

Colour – Green Tint



ULTRAVIOLET
RESISTANT



CHEMICAL
RESISTANT

Many factors combine to determine the useful life of a cable tie, but none is as important as chemical exposure. Polypropylene cable ties are ideally suited for chemical environments.



LOW
SMOKE

Ty-Rap® cable ties, made of Halar®, are designed for use in air-handling spaces. Due to its UL 94V-0 flammability rating and low-smoke density characteristics, Halar® material is most suitable in applications where flame resistance and smoke generation is a concern.



ULTRAVIOLET
RESISTANT



RADIATION

Fluoropolymer cable ties offer high-radiation resistance and temperature stability to 338°F. Also, Fluoropolymer provides excellent resistance to ultraviolet light and meets U.L. flammability rating 94V-0.

Weather-Resistant Polypropylene Ties

Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Tensile Strength (lb.)	Bulk Pkg.
TYP25MX	.186	7.01	1.75	30	1000
TYP28MX	.184	13.92	4.00	30	1000
TYP27MX	.270	13.17	3.50	60	500

Colour – Black



Halar®* Cable Ties

Std. Cat. No.	Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Tensile Strength (lb.)	Std. Pkg.	Bulk Pkg.
TYV523M**	TYV23M**	.091	3.62	.625	18	100	1000
TYV525M⁽¹⁾	TYV25M⁽¹⁾	.184	7.31	1.750	50	100	1000

* Solvay Solexis, Inc. registered trademark.

Colour – Maroon

** CSA Certified Natural 6/6 Nylon Cable Ties are suitable for use in air handling spaces in accordance with rules 12-010 (3), (4) and (5), and 12-020 of the CEC.

(1) 



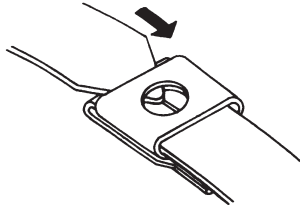
Radiation Resistant Fluoropolymer Cable Ties

Std. Cat. No.	Bulk Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Tensile Strength (lb.)	Std. Pkg.	Bulk Pkg.
TYZ523M**	TYZ23M**	.091	3.62	.625	18	100	1000
TYZ525M⁽¹⁾	TYZ25M⁽¹⁾	.184	7.31	1.750	50	100	1000
TYZ528M	TYZ28M	.184	14.19	4.000	50	100	500
TYZ527M	TYZ27M	.301	13.38	3.500	120	50	100

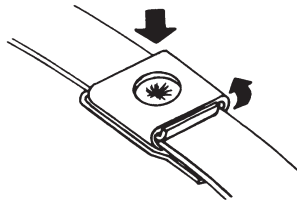
Colour – Aqua

** CSA Certified Natural 6/6 Nylon Cable Ties are suitable for use in air handling spaces in accordance with rules 12-010 (3), (4) and (5), and 12-020 of the CEC.

(1) 



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.

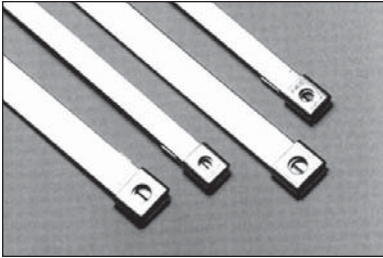
Installation Hand Tool

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

TYS	6	280	C
CABLE TIE TYPE	LENGTH INCHES	WIDTH	COATED
SS = Two-piece solid stainless steel cable tie Type 304	6 = 6.0" long	280 = .280" wide	C = Nylon 11 coated _ = uncoated
TYS = Multi-lock stainless steel cable tie Type 316			
SSR = Reusable stainless steel cable tie Type 200/300			
SSH = Heavy duty stainless steel clamp Type 201			



Strong, safe, low-profile permanent single wrap ties with a unique, dual lock.



A lightweight, pocket size hand tool which quickly and easily applies standard-size stainless steel ties.

Standard Stainless Steel Cable Ties

Cat. No.	For Bundle Diameter of		Tensile Strength lb.	Width		Length		Weight	
	in.	mm		in.	mm	in.	mm	lb.	kg.
SS10-250	2	51	200	.25	6.35	10.0	254	1.1	6.50
SS17-250	4	101	200	.25	6.35	16.5	419	1.8	0.82
SS23-250	6	152	200	.25	6.35	22.5	572	2.5	1.14
SS29-250	8	203	200	.25	6.35	29.0	737	3.2	1.45
SS35-250	10	254	200	.25	6.35	35.0	889	3.8	1.73

Mini Stainless Steel Cable Ties

SS7-180	1	25	100	.177	4.5	6.5	165	0.7	0.32
SS10-180	2	51	100	.177	4.5	10.0	254	0.9	0.41
SS16-180	4	102	100	.177	4.5	16.0	406	1.4	0.64
SS23-180	6	152	100	.177	4.5	22.5	572	1.846	-
SS29-180	8	203	100	.177	4.5	29.0	737	2.346	-

304 Stainless Steel

Packaging Quantity: 100/bag

.015" (.38mm) Thickness

Note: Other lengths available on special request.

Add suffix **-316** for 316 Stainless Steel.

Standard Tie Installation Tool

Cat. No.	Description	Weight	
		lb.	kg.
WTA250	Hand tool to apply standard stainless steel cable ties; easy to use tool applies tension, locks tie with the dual lock, and cuts off band flush with top surface of buckle	1.17	0.53

Packaging Quantity: 1/box

Mini Tie Installation Tool

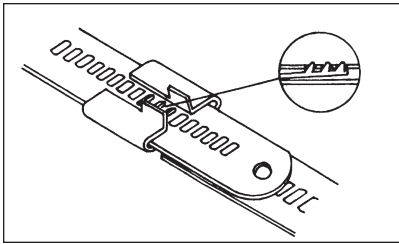
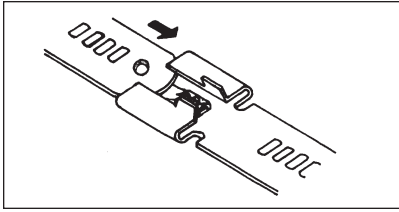
Cat. No.	Description	Weight	
		lb.	kg.
WTA290	Hand tool to apply standard stainless steel cable ties; easy to use tool applies tension, locks tie with the dual lock, and cuts off band flush with top surface of buckle	1.17	0.53

Packaging Quantity: 1/box

Note: Mini Installation Tools will only apply mini-size ties.



Multi-Lok™ Stainless Steel Self-Locking Cable Ties



As the free end of the Multi-Lok™ tie passes through the buckle, three separate teeth (four teeth in the 12mm Multi-Lok™) mesh with corresponding slots in the band automatically locking the tie as it is being tensioned. Self-locking Multi-Lok™ Ties feature an extremely strong, unique multiple locking system.

Fire hazards ... corrosive environments ... temperature extremes ... for many cable bundling applications, plastic ties are simply inadequate—or even dangerous.

That's why we developed stainless steel Multi-Lok™ Ties. Unaffected by fire, UV or extreme temperatures, corrosion-resistant Multi-Lok™ Ties provide a safe, strong, worry-free hold.

Quickly and easily applied by hand or with the Thomas & Betts Cable Tie Tensioner or Tensioning hook, Multi-

Lok™ Ties feature a unique, self-locking, multiple-locking system that holds in excess of 200 lb.

Multi-Lok™ Ties are manufactured from Type 316 stainless steel and are available either uncoated or coated with halogen-free, non-toxic black Nylon 11. This weather-resistant coating is unaffected by UV sunlight. This adds resistance to corrosion, chemicals, and weathering. Ties are available in two widths and various lengths.



Type 316 Stainless Steel–Nylon 11 Coated

Cat. No.	Tensile Strength		Width		Length		Weight	
	lb.		in.	mm	in.	mm	lb.	kg.
TYS6-280C	250		.276	7	6	150	.66	.30
TYS9-280C	250		.276	7	9	225	.99	.45
TYS12-280C	250		.276	7	12	300	1.32	.60
TYS18-280C	250		.276	7	18	450	1.76	.80
TYS24-280C	250		.276	7	24	610	2.64	1.20
TYS6-470C	250		.472	12	6	150	1.10	.50
TYS9-470C	250		.472	12	9	225	1.65	.75
TYS12-470C	250		.472	12	12	300	2.20	1.00
TYS18-470C	250		.472	12	18	450	2.97	1.35
TYS24-470C	250		.472	12	24	610	4.29	1.95

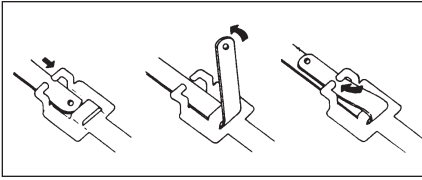
Packaging Quantity: 100/bag
.010" (.245mm) Thickness

Type 316 Stainless Steel–Uncoated

Cat. No.	Tensile Strength		Width		Length		Weight	
	lb.		in.	mm	in.	mm	lb.	kg.
TYS6-280	250		.276	7	6	150	.66	.30
TYS9-280	250		.276	7	9	225	.88	.40
TYS12-280	250		.276	7	12	300	1.21	.55
TYS18-280	250		.276	7	18	450	1.98	.90
TYS24-280	250		.276	7	24	610	2.64	1.20
TYS6-470	250		.472	12	6	150	1.10	.50
TYS9-470	250		.472	12	9	225	1.65	.75
TYS12-470	250		.472	12	12	300	2.20	1.00
TYS18-470	250		.472	12	18	450	3.19	1.45
TYS24-470	250		.472	12	24	610	4.29	1.95

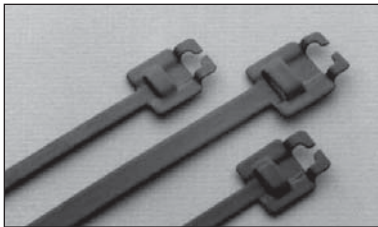
Packaging Quantity: 100/bag
.010" (.245mm) Thickness

Reusable Stainless Steel Cable Ties



Fast, Easy Installation.

Thomas & Betts Reusable Ties are fast and easy to install. Simply pass free end of tie through buckle bridge, tension by hand or with a Thomas & Betts Tensioning Tool, bend over bridge, and secure into preformed ears.



Reusable Stainless Steel Cable Ties



Cable Tie Tensioner



Tensioning Hook



Tie-It Tool DAS250

These reusable cable ties are made from high-strength, corrosion-resistant 200/300 series stainless steel, coated with a non-toxic, halogen-free, low-smoke Nylon 11.

The unique buckle design provides quick, easy application and can just as easily be unfastened for reuse. The

weather-resistant Nylon 11 coating is unaffected by UV, extremely flexible at low temperatures and protects the cables from damage or interference due to direct contact with the stainless steel. The coated product is also user-friendly on the installer's hands.

For Cable Bundling in Harsh Environments



Reusable Stainless Steel Cable Ties—Coated

Cat. No.	Tensile Strength lb.	Width		Length		Weight	
		in.	mm	in.	mm	lb.	kg.
SSR6-250C	75	1/4	6.35	6	152	1.4	.6
SSR9-250C	75	1/4	6.35	9	229	1.8	.8
SSR12-250C	75	1/4	6.35	12	305	2.1	1.0
SSR18-250C	75	1/4	6.35	18	457	3.0	1.4
SSR24-250C	75	1/4	6.35	24	610	3.7	1.7
SSR6-375C	100	3/8	9.53	6	152	1.8	.8
SSR9-375C	100	3/8	9.53	9	229	2.5	1.1
SSR12-375C	100	3/8	9.53	12	305	3.1	1.4
SSR18-375C	100	3/8	9.53	18	457	4.4	2.0
SSR24-375C	100	3/8	9.53	24	610	6.6	3.0
SSR30-375C	100	3/8	9.53	30	762	7.0	3.2
SSR36-375C	100	3/8	9.53	36	914	8.3	3.8

Material: 200/300 Series Stainless Steel

Packaging Quantity: 100/bag

.015" (.38mm) Metal Thickness; .045" (1.1mm) Coated Thickness

Nylon 11 Coating

Note: This product may be double-wrapped for additional tensile strength. For additional colours and uncoated ties, consult Thomas & Betts Customer Service for pricing and availability.

For 316 Stainless Steel, add "suffix -316" after catalogue number. Consult Customer Service for availability.

Tensioning Tools

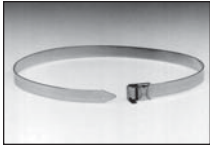
Cat. No.	Description	Weight	
		lb.	kg.
Cable Tie Tensioner WTAE200	For tensioning Reusable Ties and Multi-Lok Ties	.6	.3
Packaging Quantity: 1/box			
Tensioning Hook WTAE201	For tensioning Reusable Ties and Multi-Lok Ties	.1	.05
Packaging Quantity: 1/box			
Tie-It Tool DAS250	For installing Multi-Lok Series Stainless Steel Ties	1.0	.45

Packaging Quantity: 1/box

U.L. listed

Ty-Rap®

Stainless Steel Ties–Free-End



Pre-assembled Free-End Clamps provide maximum strength and durability. They may be single-wrapped or, for extra strength, double-wrapped.

Strong, durable Free-End Clamps are available in a wide range of lengths, widths, and thicknesses.

Heavy Duty Free-End Stainless Steel Clamps–Type 201

Cat. No.	Max. Dia. Once Around		Max. Dia. Twice Around		Total Length		Tensile Strength Single Wrap lb.	Band Width		Band Thickness		Pkg. Qty.	Weight	
	in.	mm	in.	mm	in.	cm		in.	mm	in.	mm		lb.	kg.
SSH10-250	2	50	–	–	10	25	450	1/4	6.35	.020	.51	100	2.2	.99
SSH16-250	3-1/2	88	1-1/2	38	16	40	450	1/4	6.35	.020	.51	100	3.1	1.40
SSH16-375	3-1/2	88	1-1/2	38	16	40	900	3/8	9.53	.025	.63	100	6.2	2.80
SSH18-500	4	101	2	50	18	45	1400	1/2	12.70	.030	.76	100	10.5	4.80
SSH21-625	5	127	2-1/2	63	21	53	1700	5/8	15.88	.030	.76	100	15.1	6.80
SSH24-750	6	152	3	76	24	60	2000	3/4	19.05	.030	.76	50	10.9	4.90
SSH27-250	7	177	3-1/2	88	27	68	450	1/4	6.35	.020	.51	100	4.6	2.10
SSH31-500	8	203	4	101	31	78	1400	1/2	12.70	.030	.76	25	4.7	2.10
SSH34-250	9	228	4-1/2	114	34	86	450	1/4	6.35	.020	.51	100	5.6	2.60
SSH37-750	10	254	5	127	37	93	2000	3/4	19.05	.030	.76	25	7.6	3.50
SSH44-375	12	304	6	152	44	112	900	3/8	9.53	.025	.63	25	3.6	1.60
SSH50-750	14	355	7	177	50	127	2000	3/4	19.05	.030	.76	25	9.7	4.40
SSH56-625	16	406	8	203	56	142	1700	5/8	15.88	.030	.76	25	9.0	4.10
SSH62-750	18	457	9	228	62	157	2000	3/4	19.05	.030	.76	25	11.6	5.30
SSH69-625	20	508	10	254	69	175	1700	5/8	15.88	.030	.76	25	10.7	4.80

Type 201 Stainless Steel

Other Free-End Clamp sizes and metals are available on special order.



WTJ020

Lightweight pocket-size tool to install 1/4" and 3/8" wide Free-End Clamps. It applies tension and has a built-in cutter.

Installation Tools

Cat. No.	Description	Weight	
		lb.	kg.
WTJ020	Pok-It II Tool	1.1	.5
WTC075	Bantam Tool; Three-way handle version for one-hand pistol grip or two-hand tensioning	2.6	1.2
WTC001	Heavy-Duty Clamp Tool	4.4	2.0

Packaging Quantity: 1/box



WTC075

Designed to install 1/4" to 5/8" wide Free-End Clamps. The lightweight, ratchet-action tool tensions, cuts and secures the buckle tab.



WTC001

A drop-forged tool with tensioning capability to do all Free-End Clamps.

Ty-Rap®

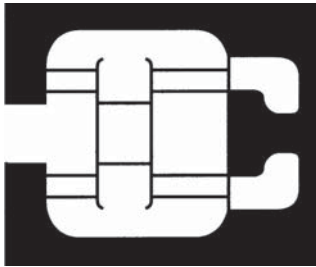
Stainless Steel Cable Ties



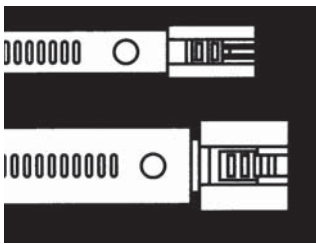
Mini Stainless Steel Cable Ties



Standard Stainless Steel Cable Ties



Reusable Stainless Steel Cable Ties



Multi-Lok Ties



Free-End Clamps

Specifications

Cat. No.	Width		Length		Thickness		Max. Dia. Single Wrap		Max. Dia. Double Wrap		
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	
SS7-180	.177	4.50	6.5	165	.015	.38	1.7	43	(single wrap)		
SS10-180	.177	4.50	10	254	.015	.38	2.8	71	(single wrap)		
SS16-180	.177	4.50	16	406	.015	.38	4.7	119	(single wrap)		
SS23-180	.177	4.5	22.5	572	.015	.38	6	152	-		
SS29-180	.177	4.5	29.0	737	.015	.38	8	203	-		
SS10-250	1/4	6.35	10	254	.015	.38	2.1	53			
SS17-250	1/4	6.35	16.5	419	.015	.38	4.3	109	(single wrap)		
SS23-250	1/4	6.35	22.5	572	.015	.38	6.5	165	(single wrap)		
SS29-250	1/4	6.35	29	737	.015	.38	8.5	215	(single wrap)		
SS35-250	1/4	6.35	35	889	.015	.38	10.5	265			
SSR6-250C	1/4	6.35	6	152	.015	.38	1.5	38	N.A.	N.A.	
SSR9-250C	1/4	6.35	9	229	.015	.38	2.5	63	1.1	28	
SSR12-250C	1/4	6.35	12	305	.015	.38	3.4	86	1.5	38	
SSR18-250C	1/4	6.35	18	457	.015	.38	5.4	137	2.5	64	
SSR24-250C	1/4	6.35	24	610	.015	.38	7.3	185	3.5	89	
SSR6-375C	3/8	9.53	6	152	.015	.38	1.5	38	N.A.	N.A.	
SSR9-375C	3/8	9.53	9	229	.015	.38	2.5	63	1.1	28	
SSR12-375C	3/8	9.53	12	305	.015	.38	3.4	86	1.5	38	
SSR18-375C	3/8	9.53	18	457	.015	.38	5.4	137	2.5	64	
SSR24-375C	3/8	9.53	24	610	.015	.38	7.3	185	3.5	89	
SSR30-375C	3/8	9.53	30	762	.015	.38	9.1	231	4.4	112	
SSR36-375C	3/8	9.53	36	914	.015	.38	11.0	280	5.3	135	
Uncoated	Nylon 11 Coated										
TYS6-280	TYS6-280C	.28	7.00	6	152	.010	.25	1.9	48		
TYS9-280	TYS9-280C	.28	7.00	9	229	.010	.25	2.8	71		
TYS12-280	TYS12-280C	.28	7.00	12	305	.010	.25	3.8	96		
TYS18-280	TYS18-280C	.28	7.00	18	457	.010	.25	5.7	144	(single wrap)	
TYS24-280	TYS24-280C	.28	7.00	24	610	.010	.25	7.6	193	(single wrap)	
TYS6-470	TYS6-470C	.47	12.00	6	152	.010	.25	1.9	48		
TYS9-470	TYS9-470C	.47	12.00	9	229	.010	.25	2.8	71		
TYS12-470	TYS12-470C	.47	12.00	12	305	.010	.25	3.8	96		
TYS18-470	TYS18-470C	.47	12.00	18	457	.010	.25	5.7	144		
TYS24-470	TYS24-470C	.47	12.00	24	610	.010	.25	7.6	193		
SSH10-250		1/4	6.35	10	250	.020	.51	2.0	50	N.A.	N.A.
SSH16-250		1/4	6.35	16	400	.020	.51	3.5	88	1.5	38
SSH19-250		1/4	6.35	19	480	.020	.51	5.0	127	2.5	63
SSH27-250		1/4	6.35	27	680	.020	.51	7.0	177	3.5	88
SSH34-250		1/4	6.35	34	860	.020	.51	9.0	228	4.5	114
SSH16-375		3/8	9.53	16	400	.025	.63	3.5	88	1.5	38
SSH44-375		3/8	9.53	44	1120	.025	.63	12.0	304	6.0	152
SSH18-500		1/2	12.70	18	460	.030	.76	4.0	101	2.0	50
SSH31-500		1/2	12.70	31	780	.030	.76	8.0	203	4.0	101
SSH21-625		5/8	15.88	21	530	.030	.76	5.0	127	2.5	63
SSH56-625		5/8	15.88	56	1420	.030	.76	16.0	406	8.0	203
SSH69-625		5/8	15.88	69	1750	.030	.76	20.0	508	10.0	254
SSH24-750		3/4	19.05	24	600	.030	.76	6.0	152	3.0	76
SSH37-750		3/4	19.05	37	940	.030	.76	10.0	254	5.0	127
SSH50-750		3/4	19.05	50	1270	.030	.76	14.0	355	7.0	177
SSH62-750		3/4	19.05	62	1570	.030	.76	18.0	457	9.0	228



Specifications—continued

Cat. No.	Stainless Steel Type	Coating or Finish	Min. Loop Tensile Strength Single Wrap		Min. Loop Tensile Strength Double Wrap		Application Tools Used	General Application
			Lb.	Newtons	Lb.	Newtons		
SS7-180*	304	Dull to Bright	100	445	(single		<ul style="list-style-type: none"> • Wire/Cable bundling • I.D. Tagging 	
SS10-180*	304		100	445	wrap	WTA290 WT5S DAS-250		
SS16-180*	304		100	445	only)			
SS23-180*	304		100	445				
SS29-180*	304		100	445				
SS10-250*	304	Dull to Bright	200	890	(single		WTA250 WT5S DAs-250	<ul style="list-style-type: none"> • Wire/Cable bundling • I.D. Tagging
SS17-250*	304		200	890	wrap			
SS23-250*	304		200	890	only)			
SS29-250*	304		200	890				
SS35-250*	304		200	890				
SSR6-250C	200/300		75	334	300	1334	WTAE200 WTAE201 WTC075	<ul style="list-style-type: none"> • Reusable • Cable bundling • Oil Rigs • Tele-Communications towers • Hazardous and corrosive environments
SSR9-250C	200/300		75	334	300	1334		
SSR12-250C	200/300		75	334	300	1334		
SSR18-250C	200/300	Nylon 11 Coated	75	334	300	1334		
SSR24-250C	200/300	(Uncoated or other	75	334	300	1334		
SSR6-375C	200/300	colours available on	100	445	500	2224		
SSR9-375C	200/300	special order)	100	445	500	2224		
SSR12-375C	200/300		100	445	500	2224		
SSR18-375C	200/300		100	445	500	2224		
SSR24-375C	200/300		100	445	500	2224		
SSR30-375C	200/300		100	445	500	2224		
SSR36-375C	200/300		100	445	500	2224		
Uncoated	Nylon 11 Coated							
TYS6-280	TYS6-280C	316	250	1112				
TYS9-280	TYS9-280C	316	250	1112				
TYS12-280	TYS12-280C	316	250	1112				
TYS18-280	TYS18-280C	316	250	1112	(single			
TYS24-280	TYS24-280C	316	250	1112	wrap			
TYS6-470	TYS6-470C	316	250	1112	only)			
TYS9-470	TYS9-470C	316	250	1112				
TYS12-470	TYS12-470C	316	250	1112				
TYS18-470	TYS18-470C	316	250	1112				
TYS24-470	TYS24-470C	316	250	1112				
SSH10-250		201	450	2002	1200	5338	WTC001 WTC075 WTJ020	<ul style="list-style-type: none"> • Indus. hoses • Cable bundling • Hi-strength
SSH16-250		201	450	2002	1200	5338		
SSH19-250		201	450	2002	1200	5338		
SSH27-250		201	450	2002	1200	5338		
SSH34-250		201	450	2002	1200	5338		
SSH16-375		201	900	4003	2400	10675		
SSH44-375		201	900	4003	2400	10675		
SSH18-500		201	1400	6227	3300	14678		
SSH31-500		201	1400	6227	3300	14678		
SSH21-625		201	1700	7562	4000	17792		
SSH56-625		201	1700	7562	4000	17792		
SSH69-625		201	1700	7562	4000	17792		
SSH24-750		201	2000	8896	5000	22240		
SSH37-750		201	2000	8896	5000	22240		
SSH50-750		201	2000	8896	5000	22240		
SSH62-750		201	2000	8896	5000	22240		

Thomas & Betts Stainless Steel Cable Ties have passed a variety of mechanical, environmental, and electrical tests. Other data can be made available upon request.

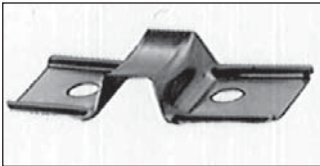
*S.S. series also available in (316) Stainless.

Ty-Rap®

Stainless Steel Cable Ties



Stainless steel cable ties have been designed for high-temperature applications as in boiler rooms, and for use in areas of harsh, corrosive environments such as shipyards and off-shore oil platforms. They are made of type 316 stainless steel, and rated at 200 pound tensile strength. Smooth edges protect both the cable insulation and the installer.



Note: Ability to be hung on cables

WT3S

Stainless Steel Cable Ties

Cat. No.	Body Width (in.)	Length (in.)	Max. Wire Bundle Dia. (in.)	Tensile Strength (lb.)	Std. Pkg.
TYS8	.310	10.65	2	200	100
TYS14	.310	14.65	4	200	50
TYS22	.310	22.65	6	200	50
TYS28	.310	28.65	8	200	50

Note: Use WT3S Tool for tensioning and cutoff.

- Cannot be coated with any covering material.

Stainless Steel Strap on a Reel

Cat. No.	Description	Body Width (in.)	Tensile Strength (lb.)	Std. Pkg.
TYS1000	1000 foot of strap, 2 reels of 500 feet each	.310	200	1

Stainless steel ties of virtually any length can be produced from the 1000 foot reel in combination with the matching head.

Note: Use WT3S tool for tensioning and cutoff.

Stainless Steel Locking Heads

Cat. No.	Description	Std. Pkg.
TYS5200H	Heads only for stainless steel strap	50

Stainless Steel Mounting Base

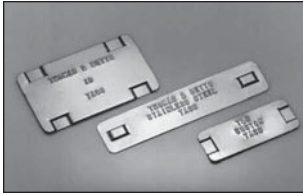
Cat. No.	Description	Std. Pkg.
TCS25	Mounting base for stainless steel ties	50

Ty-Rap® Stainless Steel Tool

Cat. No.	Description	Std. Pkg.	Wt. Each
WT3S	Stainless steel cable tie installing tool. TYS body slots	1	8 oz.

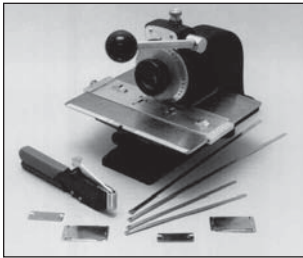
Tool is designed to install tie. Do not attempt to cut excess strap with tool.

Customized Embossed Tags Stainless Steel Tape Embossing System

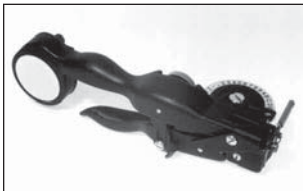


Identify your cable bundles with permanent, Type 304 stainless steel imprinted tags applied with stainless steel cable ties. After imprinting the tags, merely slip a tie through slots in the tag and fasten with the installation tool.

- Works with 1/4" wide ties.



For imprinting Thomas & Betts stainless steel I.D. tags. Includes special tag holder which provides quick, accurate positioning of tag. Comes with a 3/32" character imprinting wheel, standard (no substitutions allowed).



After making your tag, apply with stainless steel cable ties.

I.D. Tagging System

Cat. No.	Width		Length		Weight	
	in.	mm	in.	mm	lb.	kg.
SSID100	.75	19.05	2.0	51	0.5	.22
SSID101	1.50	38.10	2.5	63	1.2	.55
SSID102	.75	19.05	3.5	89	0.8	.36

304 Stainless Steel

Packaging Quantity: 100/box

.015" (.254mm) Thickness

Note: Customized pre-embossed tags are available. Please consult Technical Service for details.

Add suffix (316) for 316 Stainless Steel.

I.D. Tag Imprinter

Cat. No.	Description	Weight	
		lb.	kg.
WTID200	I.D. Tag Imprinter	29.5	13.41
WTID290	3/32" character imprinting wheel	–	–
WTID281	1/8" character imprinting wheel	–	–
WTID283	3/16" character imprinting wheel	–	–
WTID300	I.D. Marking Kit	–	–
WTID204	(Kit) WTID200 and WTID 283	–	–

Packaging Quantity: 1/box

S.S. Tape Embossing System

Cat. No.	Description	Weight	
		lb.	kg.
WTID400	Hand-held tool for embossing S.S. I.D. Tape	2.57	1.17
WTID405	Replacement S.S. tape (21" long, 1/2" wide)	.18	.01

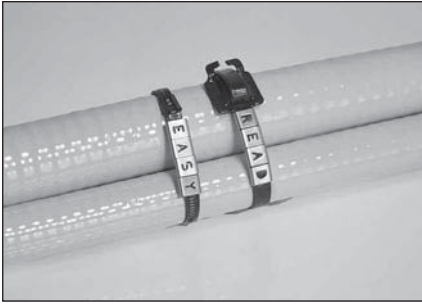
304 Stainless Steel

Packaging Quantity: 1/box

Note: The embossing tool comes complete with two rolls of stainless steel tape.

Ty-Rap®

Stainless Steel I.D. Tag



The Thomas & Betts Stainless Steel R.D. Tagging System includes a complete range of individual letters, numbers, and symbols—slip them over carriers (shown above) or strips (below) and attach to your cable or hose with a variety of Thomas & Betts Stainless Steel Cable Ties.



Thomas & Betts Stainless Steel I.D. Tag

Cat. No.	Description	Length	Width	Std. Pkg.	Wt. per 100
ER010	A	.445"	.375"	100	.31
ER011	B	.445"	.375"	100	.31
ER012	C	.445"	.375"	100	.31
ER013	D	.445"	.375"	100	.31
ER014	E	.445"	.375"	100	.31
ER015	F	.445"	.375"	100	.31
ER016	G	.445"	.375"	100	.31
ER017	H	.445"	.375"	100	.31
ER018	I	.445"	.375"	100	.31
ER019	J	.445"	.375"	100	.31
ER020	K	.445"	.375"	100	.31
ER021	L	.445"	.375"	100	.31
ER022	M	.445"	.375"	100	.31
ER023	N	.445"	.375"	100	.31
ER024	O	.445"	.375"	100	.31
ER025	P	.445"	.375"	100	.31
ER026	Q	.445"	.375"	100	.31
ER027	R	.445"	.375"	100	.31
ER028	S	.445"	.375"	100	.31
ER029	T	.445"	.375"	100	.31
ER030	U	.445"	.375"	100	.31
ER031	V	.445"	.375"	100	.31
ER022	W	.445"	.375"	100	.31
ER032	X	.445"	.375"	100	.31
ER033	Y	.445"	.375"	100	.31
ER034	Z	.445"	.375"	100	.31
ER018	1	.445"	.375"	100	.31
ER037	2	.445"	.375"	100	.31
ER038	3	.445"	.375"	100	.31
ER039	4	.445"	.375"	100	.31
ER040	5	.445"	.375"	100	.31
ER041	6	.445"	.375"	100	.31
ER021	7	.445"	.375"	100	.31
ER042	8	.445"	.375"	100	.31
ER041	9	.445"	.375"	100	.31
ER024	0	.445"	.375"	100	.31
ER035	Minus/Hyphen	.445"	.375"	100	.31
ER036	Blank	.445"	.375"	100	.31
ER046	Plus +	.445"	.375"	100	.31
ER047	Earth	.445"	.375"	100	.31
ER048	Sine	.445"	.375"	100	.31
ER049	Slash /	.445"	.375"	100	.31

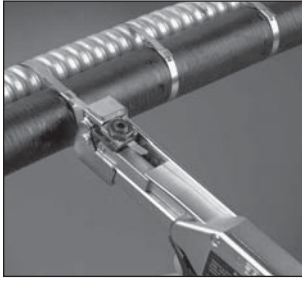
Character size .218"
Material .025 316 stainless steel

Thomas & Betts Stainless Steel I.D. Tag Strips/Carriers

Cat. No.	Description	Length	Width	Std. Pkg.	Wt. per 100	Opening Width
ER043	6 Character Carrier	3.64"	.38"	100	.73	0.395"
ER044	10 Character Carrier	5.14"	.38"	100	1.25	0.395"
ER045	16 Character Carrier	7.39"	.38"	100	1.47	0.395"
ER050	Short Strip	4.25"	.38"	100	.98	0.395"
ER051	Medium Strip	5.75"	.38"	100	1.33	0.395"
ER052	Long Strip	8.0"	.38"	100	1.85	0.395"
ER060	I.D. Tag Kit	—	—	1	—	0.395"

I.D. Tag Kit contains 50 of each letter, number, symbol, carrier and strip in a handy carrying case.

Stainless Steel Self-Locking Ties



Application Tool

DAS-250 Hand Tool

(Adjustable tension, automatic cut-off)

Spare Blades Part No. BL250S

Stainless Steel Ties With Roller Locking Mechanism

Thomas & Betts offers a line of self-locking, stainless steel ties for indoor and outdoor use. This low profile design features an internal locking roller and spring-tension head that ensures a secure fit.

Features and Benefits

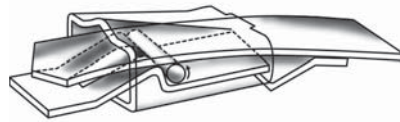
- Spring feature provides extra snug fit in applications where bundle tightness is critical.
- Internal locking roller (Average slip, within the locking mechanism at 100 lb. load is 55% lower than conventional ball lock design).
- Rounded edges and smooth surfaces for fast, safe hand installation.
- Buckle length is 38% less and height is 24% less than the conventional ball locking design.

- 5 standard lengths with custom lengths available.
- Available in two grades of stainless steel (302/304 for standard applications and 316 for extra corrosion resistance).

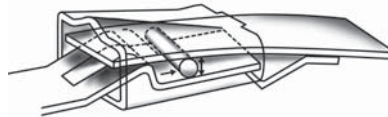
Ideal Applications

- High temperature locations.
- Marine environment (ship building, salt water environment).
- Harsh environment (oil rigs, wash down areas, refineries, food processing plants, auto car washers).
- Automotive plants.

How It Works



Insert the tail into the buckle. The internal locking bar rolls freely as the tie is tightened.



Once the proper tension is reached the tool automatically cuts off the tail. The bar then wedges into the buckle locking it tightly against both the top and bottom of the band.

Roller Locking Mechanism vs. Ball Locking Mechanism

Characteristic	Self-Lok	Ball Lock
Rating (pounds)	150	100
Buckle Length (inch)	.260	.420
Height Over Buckle (inch)	.130	.170
Avg. Slip @ 100 Lb Load (inch)	.090	.200
Normal Mode of Failure	Cont. Slip	Loss of Ball
Buckle Retention	Smooth ID	Fold Under
Tie Length	Same	Same
Material	304 or 316 SS	304 or 316 SS



Unique Spring-Tension Head Design provides extra snug fit where bundle tightness is critical.

Ordering Information

Cat. No.	Length		Width		Max. Bundle Dia.		Tensile		Qty./box pcs.
	in.	mm.	in.	mm.	in.	mm.	lb.	kg.	
302/304 Grade Stainless Steel									
TS-4.6-200A	8.8	222.9	0.18	4.6	2	50.8	150	68.0	100
TS-4.6-360A	15.3	388.0	0.18	4.6	4	101.6	150	68.0	100
TS-4.6-520A	21.3	540.4	0.18	4.6	6	152.4	150	68.0	100
TS-4.6-680A	27.8	705.5	0.18	4.6	8	203.2	150	68.0	100
TS-4.6-840A	33.8	857.9	0.18	4.6	10	254.0	150	68.0	100
316 Grade Stainless Steel									
TS-4.6-200B	8.8	222.9	0.18	4.6	2	50.8	150	68.0	100
TS-4.6-360B	15.3	388.0	0.18	4.6	4	101.6	150	68.0	100
TS-4.6-520B	21.3	540.4	0.18	4.6	6	152.4	150	68.0	100
TS-4.6-680B	27.8	705.5	0.18	4.6	8	203.2	150	68.0	100
TS-4.6-840B	33.8	857.9	0.18	4.6	10	254.0	150	68.0	100



DAS-250
Preset tension tool
Automatic cut-off
Spare Blades Part No. BL 250 S

Stainless Steel Ties with Ball Locking Mechanism

Thomas and Betts introduces a range of self-locking, one-piece stainless steel ties, suitable for indoor or outdoor use.

Wide range of sizes

Six standard lengths up to 41" long will cover most applications with custom lengths available. Two widths are offered with minimum loop tensile strengths of 100 and 250 lb. Space requirements are minimized by the low head profile – 20" maximum.

Fast, Easy Installation

Thomas & Betts stainless steel ties are self-locking, requiring no time consuming crimping or folding operations. The strong locking mechanism, incorporating a steel ball, requires a low insertion force while the strap section has rounded edges and smooth surfaces making the ties ideal for fast, safe, hand installation.

Two Materials

Two grades of stainless steel are available – 302/304 for standard applications and 316 for extra corrosion resistance. 302/304 and 316 stainless steels are non-magnetic and are ideal for high temperature applications ranging –80 °C to 538 °C.

Applications

- High temperature locations
- Marine environment (shipbuilding, salt water environment)
- Harsh environment (oil rigs, wash-down areas, refineries, food processing plants, auto car washers)
- Automotive plants

Ordering Information

Cat. No.	Length		Width		Max. Bundle Dia.		Tensile		Qty./box pcs.
	in.	mm.	in.	mm.	in.	mm.	lb.	kg.	
302/304 Grade Stainless Steel									
LS-4.6-200A	7.9	201.0	0.18	4.6	2	51	100	45.3	100
LS-4.6-360A	14.2	360.0	0.18	4.6	4	102	100	45.3	100
LS-4.6-520A	20.5	520.0	0.18	4.6	6	152	100	45.3	100
LS-4.6-680A	26.7	679.0	0.18	4.6	8	203	100	45.3	100
LS-4.6-840A	33.0	838.0	0.18	4.6	10	254	100	45.3	100
LS-7.9-200A	7.9	201.0	0.31	7.9	3	51	250	113.3	50
LS-7.9-360A	14.2	360.0	0.31	7.9	4	102	250	113.3	50
LS-7.9-520A	20.5	520.0	0.31	7.9	6	152	250	113.3	50
LS-7.9-680A	26.7	679.0	0.31	7.9	8	203	250	113.3	50
LS-7.9-840A	33.0	838.0	0.31	7.9	10	254	250	113.3	50
LS-7.9-1010A	41.3	1050.0	0.31	7.9	12.5	318	250	113.3	50
316 Grade Stainless Steel									
LS-4.6-200B	7.9	201.0	0.18	4.6	2	51	100	45.3	100
LS-4.6-360B	14.2	360.0	0.18	4.6	4	102	100	45.3	100
LS-4.6-520B	20.5	520.0	0.18	4.6	6	152	100	45.3	100
LS-4.6-680B	26.7	679.0	0.18	4.6	8	203	100	45.3	100
LS-4.6-840B	33.0	838.0	0.18	4.6	10	254	100	45.3	100
LS-7.9-200B	7.9	201.0	0.31	7.9	3	51	250	113.3	50
LS-7.9-360B	14.2	360.0	0.31	7.9	4	102	250	113.3	50
LS-7.9-520B	20.5	520.0	0.31	7.9	6	152	250	113.3	50
LS-7.9-680B	26.7	679.0	0.31	7.9	8	203	250	113.3	50
LS-7.9-840B	33.0	838.0	0.31	7.9	10	254	250	113.3	50
LS-7.9-1010B	41.3	1050.0	0.31	7.9	12.5	318	250	113.3	50

Ty-Rap® Cable Ties—DELTEC™



The Deltec™ Cable Support System

Provides a strong, long-life and cost saving method of securing communication cables

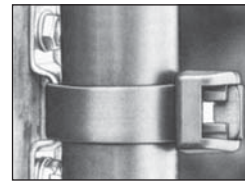
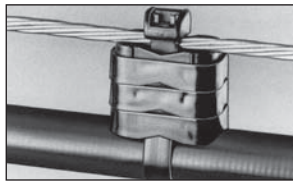
The Deltec™ Cable Support System is a user-friendly product designed to provide ease and flexibility in fastening communications cables to messenger strand. It is equally well suited for copper conductor cable, coaxial cable, fiber optic cable and inner duct in aerial applications.

The Deltec™ system answers your aerial cable needs with innovative design and state of the art materials. This system includes weather-resistant Delrin® cable straps, marine grade locking devices, and base hanger accessories for specific applications where mounting is required.

Deltec™ cable straps are available in standard lengths of 10, 13.5, 16 and 27 inches, and in convenient 50 foot reels where specific lengths need to be established by the installer in the field. Additional "standard" lengths can be established for applications where higher volumes prevail.

Advantages of the Deltec™ System Include:

- Proven years of service.
- No sharp edges - craft friendly! Cable friendly!
- Ease of installation - one wrap, no re-treading of re-strap.
- Lowers installation costs.
- High tensile strength after fastening.
- Total flexibility in lengths when using reel.
- Stackable spacers accommodate all cable sizes - no need to stock multiple sizes of individual height spacers.
- Spacer designed to retain strap on each side and cradle the cable, providing restricted movement of spacer and preventing damage to cable.
- In situations where multiple cables are supported, the T&B TCP360 stackable spacer may be rotated 90 degrees and installed similar to a single cable, yet provide the same restricting features (unlike those commonly used today).
- Month and year of manufacture stamped into strap material.
- Squirrels and vermin won't eat it!



Cable Tie with Double-Locking Head

Cat. No.	Body Width	Length (in.)	Max. Wire Bundle Dia. (in.)	Tensile Strength (lb.)	Std. Pkg.
TYD510M	.394	51.2	—	250	
TYD5135M	.500	13.5	3.5	250	25
TYD5270M	.500	27.0	8.0	250	10

The recommended maximum continuous static loading for the DELTEC™ straps is 20 lb. per strap. For best results suggested spacing is 15 inches. It is the responsibility of the user to determine whether or not their application meets our recommendation.

Note: Use WT3D Tool for tensioning and cutoff.

SPECIFICATIONS

Strap and body	Offers superior resistance to sunlight, moisture, and salt environments.
Locking Device	Marine grade corrosion-resistant silicon bronze.

Installation Range	-30°F to 150°F.
Minimum Tensile Strength	250 lb. minimum.
Outdoor Life	Designed to last a minimum of 20 years
Continuous Load	20 pounds

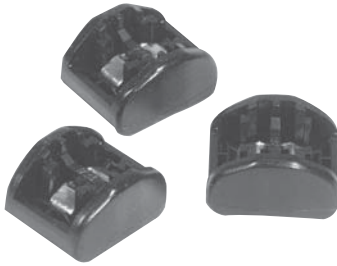
DELTEC™ Strap on a Reel

Cat. No.	Description	Tensile Strength (lb.)	Body Width	Std. Pkg.
TYD-50R	50' reel of strap	250	.500	1
696-41794	1000' reel	250	.500	2



Ty-Rap®

Cable Ties—DELTEC™



CSS-B
CSS-H



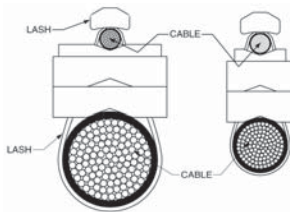
Locking Heads

Cat. No.	Description	Std. Pkg.
TYD-LH	Heads only for DELTEC strap	25
696-41795	1000 heads only for DELTEC strap	1000

Material: Deltec™

Modular Stackable Cable Spacers

Cat. No.	Description	Std. Pkg.
TCP5255	Modular stackable spacer for DELTEC™ straps	25
TCP360	For Coaxial Cable	—



- One spacer for any cable size.
- Stackable for any desired spacing.
- Less inventory – one catalogue number.
- Made of weather-resistant polypropylene.
- 1/2" high.

DELTEC™ Base and Hanger

Cat. No.	Description	Std. Pkg.
CSS-B	Base for Deltec™ strap	50
CSS-H	Hanger for Deltec™ strap	50

- Made of zinc-plated steel
- Secures cables to all types of surfaces

Drop Wire Support

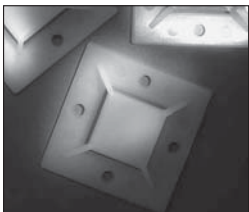
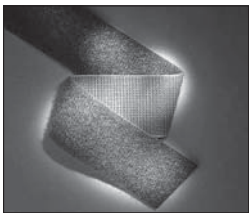
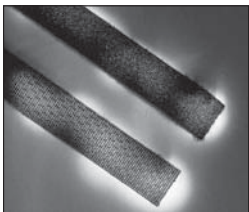
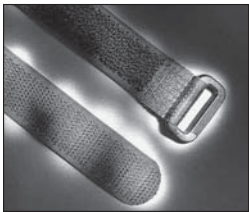
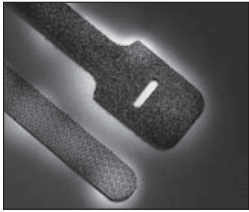
Cat. No.	Description	Std. Pkg.
CSS-DWS	Nylon coated steel, order by each.	25

Installation/Cutting Tool

Cat. No.	Description	Range	Std. Pkg.	Wt. Each
WT3D	Installs self-locking Ty-Rap® cable ties and Thomas & Betts 2-piece lashing ties.	.184 thru .500	1	8 oz.

Ty-Rap®

Hook and Loop Fasteners



Available in these colours: (0) Black, (1) Brown, (2) Red, (3) Orange, (4) Yellow, (5) Green, (6) Blue, (8) Grey, and (9) White. Please consult customer service for delivery and availability.

These handy ties are very easy to release and re-use, making them ideal for applications where changes are anticipated or continuous access is required.

Features

- High quality Hook & Loop Fasteners designed specifically for Thomas & Betts.
- Allows quick and convenient bundling of Category 5 & Fiber optic cables.
- Multiple colours available for identifying specific bundles.
- Sizes available to accommodate varying bundle diameters.
- Screw and adhesive mounting bases provide multiple mounting options.
- New version available UL94V-2 rated material. Contact Customer Service for availability and delivery.

FO Series Loop Ties

Ideal for wrapping pre-determined bundle diameters because of the convenient slotted head

Cat. No.	Min. Tensile Strength	Max. Bundle Dia.	Length	Width	Inner Pack Qty.
FO200-40*	40lb	2.0"	9.0"	.50	10
FO200-50*	50lb	2.0"	9.0"	.75	10
FO350-40*	40lb	3.5"	13.0"	.50	10
FO350-50*	50lb	3.5"	13.0"	.75	10

FOL Series Buckle Ties

Buckle ties provide added strength and stability because of the high performance polymer buckle.

Cat. No.	Min. Tensile Strength	Max. Bundle Dia.	Length	Width	Inner Pack Qty.
FOL300-50-0	50lb	3.0"	12.0"	.75	10
FOL500-50-0	50lb	5.0"	18.0"	.75	10

FOS Series Strip Ties

Pre-cut lengths which makes bundling a cinch.

Cat. No.	Min. Tensile Strength	Max. Bundle Dia.	Length	Inner Pack Qty.
FOS150-50-0	50lb	1.5"	6.0"	10
FOS320-50-0	50lb	3.2"	12.0"	10
FOS500-50-0	50lb	5.0"	18.0"	10

FOR Series Rolled Hook and Loop

Rolled hook and loop allows customers to conveniently cut pieces to desired lengths, eliminating waste.

Cat. No.	Min. Tensile Strength	Max. Bundle Dia.	Width	Length	Inner Pack Qty.
FOR180-50-0	50lb	Various	.75"	180"	1

Black is standard colour
* Add - "FR" for UL94V-2 rated material (after colour).

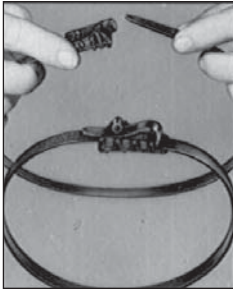
Mounting Bases

Two mounting bases specifically designed for use with hook and loop fasteners

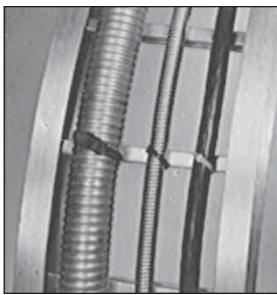
Cat. No.	Min. Tensile Strength	Screw Size	Length	Inner Pack Qty.
TC368	2"x 2" Screw mounted	#8	0.75"	500
TC368A	2"x 2" Adhesive mounted	#8	0.75"	500

Ty-Rap®

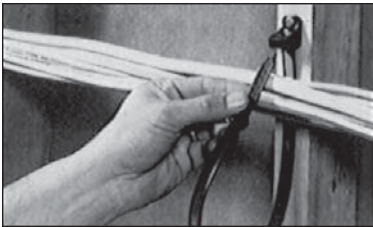
Lashing Straps



The heavy-duty lashing tie is made from weather-resistant nylon. The addition of carbon black provides good ultraviolet resistance and prolongs the useful life of the cable tie.



This lashing tie is ideally suited for chemical environments that are unsuitable for nylon. Strapping is made of black, weather-resistant polypropylene for outdoor use. Head is made of nylon 66.



Many factors combine to determine the useful life of a cable tie and chemical exposure can be a very important consideration in certain situations. Polypropylene cable ties are ideally suited for chemical environments. It is black for outdoor use.

Heavy Duty Lashing Tie (releasable)

Std. Cat. No.	Bulk Pkg. Cat. No.	Body Width (in.)	Length (in.)	Maximum Wire Bundle Diameter (in.)	Tensile Strength (lb.)	Std. Pkg.	Bulk Pkg.
TY5409	TY409	.500	19.00	4.75	200	25	100



Length 19"

Weather-Resistant Polypropylene Lashing Tie (releasable)

Cat. No.	Body Width (in.)	Length (in.)	Maximum Wire Bundle Diameter (in.)	Tensile Strength (lb.)	Std. Pkg.
TY5418PX	.500	18	5	150	25
TY5424PX	.500	24	7	150	25
TY5442PX	.500	42	12	150	10
TY5460PX	.500	60	18	150	10

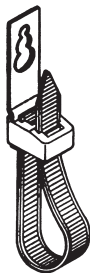
Weather-Resistant Polypropylene Hanger Lashing Tie (releasable)

Cat. No.	Body Width (in.)	Length (in.)	Maximum Wire Bundle Diameter (in.)	Tensile Strength (lb.)	Std. Pkg.
TY53418PX	.500	18	5	150	25

Ty-Rap® Lashing Straps



Nylon 12 provides very good resistance to ultraviolet light and chemical exposure. Nylon 12 is a lower, moisture-absorbing material than 6/6 nylon and the effect of water on properties is much less.



Nylon 12 provides very good resistance to ultraviolet light and chemical exposure. Nylon 12 is a lower, moisture-absorbing material than 6/6 nylon and the effect of water on properties is much less.

Weather-Resistant Nylon 12 Messenger Hanger Straps (releasable)

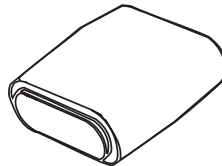
Cat. No.	Body Width (in.)	Length (in.)	Maximum Wire Bundle Diameter (in.)	Hook Material	Tensile Strength (lb.)	Std. Pkg.
TYM5412X	.500	12	3	Bronze	200	50
TYM5418X	.500	18	5	Bronze	200	25
TYM5423X	.500	24	7	Bronze	200	25
TYM5430X	.500	30	9	Bronze	200	25
TYM5436X	.500	36	11	Bronze	200	25
TYM5412X-S	.500	12	3	Stainless Steel	200	50
TYM5418X-S	.500	18	5	Stainless Steel	200	25
TYM5423X-S	.500	24	7	Stainless Steel	200	25
TYM5430X-S	.500	30	9	Stainless Steel	200	25
TYM5436X-S	.500	36	11	Stainless Steel	200	25

The recommended, maximum continuous static loading for the nylon 12 straps is 25 lb. per strap. For best results suggested spacing is 15 inches. It is the responsibility of the user to determine whether or not their application meets our recommendation.

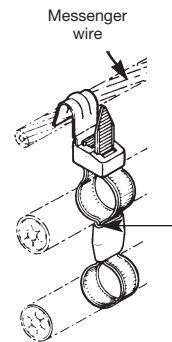
- Hook will accommodate 1/2" dia. messenger wire.

Messenger Hanger Spacer

Cat. No.	Description	Std. Pkg.
TC5254	1" long stackable spacer for messenger straps	50



Spacer separating cable bundles



This one-inch long spacer allows you to separate power and signal cables with a single-hanger, lashing strap if desired. The spacer is stackable so that you may suspend the cable bundle at any desired distance from the messenger wire in order to keep the cable runs parallel.

Weather-Resistant Nylon 12 Hanger Strap (releasable)

Cat. No.	Body Width (in.)	Length (in.)	Maximum Wire Bundle Diameter (in.)	Hook Material	Tensile Strength (lb.)	Std. Pkg.
TY54407X	.500	6.36	2	Steel	200	50
TY54413X	.500	13.75	4	Steel	200	25

The recommended, maximum continuous static loading for the nylon 12 straps is 25 lb. per strap. For best results suggested spacing is 15 inches. It is the responsibility of the user to determine whether or not their application meets our recommendation.

Table 2-Physical Properties of Ty-Rap® Cable Tie Materials

		Natural 66 Nylon	Weather Resistant 66 Nylon	Heat Stabilized Natural 66 Nylon	Flame Retardant 66 Nylon	Weatherable Acetal	Weather Resistant Nylon 12	Weather Resistant Polypropylene	Radiation Resistant Fluoropolymer	Halar (2)	Stainless Steel
Tensile Strength (Yield)											
@ 73° F (Dry-As-Molded) (1)	psi	12,000	12,000	12,000	11,000	10,000	7500	4600	6,700	6,600	90,000
Flammability Rating	-	UL94V-2	UL94V-2	UL94V-2	UL94V-0	UL94HB	-	-	UL94V-0	UL94V-0	-
Radiation Resistance	rads	1 x 10 ⁵	1 x 10 ⁵	1 x 10 ⁵	1 x 10 ⁵	1 x 10 ⁶	1 x 10 ⁵	1 x 10 ⁵	2 x 10 ⁶	2 x 10 ⁶	2 x 10 ⁶
Ultraviolet Light Resistance	-	Poor	Good	Poor	Poor	Very Good	Good	Good	Excellent	Excellent	Excellent
Water Absorption (24 hrs)	%	1.3	1.2	1.4	1.4	0.25	0.25	0.1	<.01	<.01	None
Oxygen Index	-	28	28	31	34	21	-	-	30	52	-
Max. Continuous Use Temperature	F / C	185 / 85	185 / 85	221 / 105	185 / 85	185 / 85	176 / 80	185 / 85	338 / 170	284 / 140	1000 / 537
Min. Continuous Use Temperature	F / C	-40 / -40	-40 / -40	-40 / -40	-40 / -40	-40 / -40	-40 / -40	-40 / -40	-76 / -60	-50 / -46	-112 /
Colour	-	Natural	Black	Green tint	White	Black	Black	Black	Aqua	Maroon	Stainless

(1) ASTM D638-878 except stainless steel which is ASTM E8

(2) Halar is a trademark of Solvay Solexis, Inc.

Flammability ratings for selecting Ty-Rap® cable ties

Note: Flammability ratings of Ty-Rap® cable tie materials are shown in Table 2. These tests for flammability of plastic material are intended to serve as a preliminary indication of acceptability with respect to flammability for particular applications.

UL 94 vertical burn test procedures

Test specimens of the material, with dimensions 5" x 1/2", with the thickness intended for use in the end product, are tested in both the manufactured condition and in the aged state. The test requires that the specimen be supported in a vertical fixture and a precisely controlled flame applied for a 10 second period. The flame is removed and the duration of flaming is noted. If the flame extinguishes, a second exposure to flame for 10 seconds is applied and duration of flaming is again noted. It is observed and recorded whether or not test specimens drip flaming particles that ignite a cotton swatch.

Materials classed V-0

A material classed V-0 shall:

- A. Not have any specimens that burn with flaming combustion for more than 10 seconds after either application of the test flame.
- B. Not have a total flaming combustion time exceeding 50 seconds for the 10 flame applications for each set of five specimens.
- C. Not have any specimens that burn with flaming or glowing combustion up to the holding fixture.
- D. Not have any specimens that drip flaming particles that ignite the dry absorbent surgical cotton located 12" below the test specimen.
- E. Not have any specimens with glowing combustion that persists for more than 30 seconds after the second removal of the test flame.

Materials classed V-1

A material classed V-1 shall:

- A. Not have any specimens that burn with flaming combustion for more than 30 seconds after either application of the test flame.
- B. Not have a total flaming combustion time exceeding 250 seconds for the 10 flame applications for each set of five specimens.
- C. Not have any specimens that burn with flaming or glowing combustion up to the holding fixture.
- D. Not have any specimens that drip flaming particles that ignite the dry absorbent surgical cotton located 12" below the test specimen.
- E. Not have any specimens with glowing combustion that persists for more than 60 seconds after the second removal of the test flame.

Materials classed V-2

A material classed V-2 shall:

- A. Not have any specimens that burn with flaming combustion for more than 30 seconds after either application of the test flame.
- B. Not have a total flaming combustion time exceeding 250 seconds for the 10 flame applications for each set of five specimens.
- C. Not have any specimens that burn with flaming or glowing combustion up to the holding fixture.
- D. Be permitted to have specimens that drip flaming particles that burn only briefly, some of which ignite the dry absorbent surgical cotton placed 12" below the test specimen.
- E. Not have any specimens with glowing combustion that persists for more than 60 seconds after the second removal of the test flame.

Chemical resistance

Table 3 shows the resistance of Ty-Rap® cable tie materials to various chemicals. The table is designed to help you determine the cable tie material best suited for a particular chemical environment.

Table 3-Resistance of Available Materials to Various Chemicals Temp 20°C (70°F)

Reagents	Concentration	Heat-	Halar [†]	Weatherable	Standard 6/6	6/6 Weather-	6/6 Fire-	Weather-	Polypropylene	Weather-	Fluoro-	Stainless
		Stabilized 6/6 Nylon as Used in TYH	as Used in TYV	Acetal as Used in TYD	Nylon as Used in TY	Resistant Nylon as Used in TY	Retardant Nylon as Used in TY	Resistant Nylon 12 as Used in TYC	as Used in TYP	Resistant Polypropylene as Used in TYP	polymer as Used in TYZ	Steel as Used in TYS
		Series	Series	Series	Series	X Series	FR Series	X Series	Series	X Series	Series	Series
Arsenic Acid	40%	—	—	—	—	—	—	—	E	E	—	E
Acetaldehyde	50%	S	—	—	S	S	S	—	—	—	—	—
Acetone	100%	E	E	F	E	E	E	E	E	E	E	E
Aluminum Hydroxide	AQ	—	E	—	—	—	—	—	E	E	E	E
Ammonia	100%	—	E	—	—	—	—	E	E	E	E	E
Ammonium Carbonate	5%	S	E	—	S	S	S	E	E	E	E	E
Ammonium Hydroxide	10%	E	E	F	E	E	E	—	E	E	E	E
Ammonium Nitrate	—	—	E	—	—	—	—	E	E	E	E	E
Ammonium Sulfate	10%	—	E	—	—	—	—	S	S	S	S	S
Barium Carbonate	100%	—	E	—	—	—	—	E	E	E	E	E
Barium Chloride	5%	NR	—	—	NR	NR	NR	E	E	E	E	E
Barium Sulfate	10%	E	—	—	E	E	E	E	E	E	E	E
Barium Sulfide	10%	S	—	—	S	S	S	E	E	E	E	E
Benzene	100%	E	E	F	E	E	E	E	S	S	E	E
Benzoic Acid	100%	NR	E	—	NR	NR	NR	E	E	E	E	E
Butyric Acid	50%	NR	E	—	NR	NR	NR	—	E	E	E	E
Calcium Carbonate	AQ	—	E	—	—	—	—	—	E	E	E	E
Calcium Hydroxide	20%	—	F	E	—	—	—	—	E	E	E	E
Calcium Hydrochlorite	2	NR	—	—	NR	NR	NR	—	F	F	F	F
Calcium Sulfate	2%	—	E	—	—	—	—	—	E	E	E	E
Carbon Tetrachloride	100%	E	E	E	E	E	E	E	F	F	E	E
Chlorine (WET)	—	NR	—	—	NR	NR	NR	—	F	F	F	F
Chlorine (DRY)	—	NR	—	—	NR	NR	NR	—	NR	NR	F	F
Chloroacetic Acid	30%	NR	—	—	NR	NR	NR	—	—	—	F	F
Chloroform	100%	—	E	—	—	—	—	F	F	F	E	E
Chromic Acid	50%	NR	S	—	NR	NR	NR	—	F	F	F	F
Citric Acid	50%	S	E	E	S	S	S	E	E	E	E	E
Copper Cyanide	10%	—	E	—	—	—	—	—	E	E	E	E
Copper Nitrate	50%	—	E	—	—	—	—	—	E	E	E	E
Cider	—	—	E	—	—	—	—	—	E	E	E	E
Dichloroethane	100%	—	E	—	—	—	—	—	—	—	E	E
Diethyl Ether	100%	—	E	S	—	—	—	E	E	E	E	E
Ethyl Alcohol	100%	S	E	—	S	S	S	E	E	E	E	E

[†] Halar® Trademark of Solvay Solexis, Inc.

Ratings

E = Excellent

S = Satisfactory

F = Fair

NR = Not Recommended

(AQ) = Aqueous

Table 3-continued

Reagents	Concentration	Heat-	Halar®†	Weatherable	Standard 6/6	6/6 Weather-	6/6 Fire-	Weather-	Polypropylene	Weather-	Fluoro-	Stainless
		Stabilized 6/6 Nylon as Used in TYH	as Used in TYV	Acetal as Used in TYD	Nylon as Used in TY	Resistant Nylon as Used in TY	Retardant Nylon as Used in TY	Resistant Nylon 12 as Used in TYC	as Used in TYP	Resistant Polypropylene as Used in TYP	polymer as Used in TYZ	Steel as Used in TYS
		Series	Series	Series	Series	X Series	FR Series	X Series	Series	X Series	Series	Series
Ethyl Chloride	100%	—	S	E	—	—	—	F	F	F	E	E
Ethylene Glycol	100%	E	E	S	E	E	E	—	E	E	E	E
Ferric Hydroxide	100%	—	E	—	—	—	—	—	E	E	E	E
Ferric Nitrate	10%	—	E	—	—	—	—	—	E	E	E	E
Ferrous Sulfate	10%	—	E	—	—	—	—	—	E	E	E	E
Fuel Oil	100%	—	E	—	—	—	—	E	—	—	E	E
Furfural	100%	—	E	—	—	—	—	—	F	F	E	E
Gallic Acid	AQ	—	E	—	—	—	—	—	—	—	E	E
Gasoline	100%	E	E	—	E	E	E	—	S	S	E	E
Glycerine	100%	—	E	—	—	—	—	E	E	E	—	E
Hydrocyanic Acid	100%	—	E	—	—	—	—	—	E	E	E	E
Hydrogen Peroxide	30%	NR	E	F	NR	NR	NR	S	E	E	E	E
Hydrogen Sulfide	Dry	NR	E	—	NR	NR	NR	E	E	E	E	E
Iodoform	100%	—	E	—	—	—	—	—	—	—	E	E
Isopropyl Alcohol	100%	S	E	—	S	S	S	E	E	E	E	E
Jet Fuel	100%	E	E	—	E	E	E	—	S	S	E	E
Lactic Acid	10%	E	E	—	E	E	E	S	E	E	E	E
Lanolin	10%	E	E	—	E	E	E	E	E	E	E	E
Lead Acetate	5%	—	E	—	—	—	—	—	E	E	E	E
Linseed Oil	10%	E	E	E	E	E	E	E	E	E	E	E
Magnesium Carbonate	100%	—	E	—	—	—	—	E	E	E	E	E
Magnesium Chloride	10%	F	—	—	F	F	F	F	F	F	F	F
Magnesium Nitrate	100%	—	E	—	—	—	—	E	E	E	E	E
Malic Acid	AQ	—	E	—	—	—	—	—	E	E	E	E
Mercury	100%	—	E	—	—	—	—	E	E	E	E	E
Methyl Alcohol	100%	S	E	—	S	S	S	E	E	E	E	E
Methyl Chloride	100%	—	S	—	—	—	—	—	S	S	E	E
Methyl Ethyl Ketone	100%	—	E	F	—	—	—	E	E	E	E	E
Naptha	100%	—	E	—	—	—	—	—	E	E	E	E
Nitric Acid	30%	NR	E	NR	NR	NR	NR	—	E	E	E	E
Nitric Acid	30-70%	NR	S	NR	NR	NR	NR	—	F	F	S	E
Nitrous Acid	5%	—	E	—	—	—	—	—	F	F	E	E
Oieic Acid	100%	—	E	S	—	—	—	—	E	E	E	E
Oxalic Acid	10%	—	E	—	—	—	—	S	E	E	E	E
Paraffin	100%	E	E	—	E	E	E	E	E	E	E	E
Petroleum Ether	100%	—	E	—	—	—	—	E	F	F	E	E
Phenol	90%	NR	E	NR	NR	NR	NR	—	E	E	E	E
Phosphoric Acid	10%	NR	E	—	NR	NR	NR	—	E	E	E	E
Picric Acid	1%	—	E	—	—	—	—	—	E	E	E	E
Potassium Bromide	AQ	—	—	—	—	—	—	—	S	S	S	S

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Ratings

E = Excellent

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NR = Not Recommended

(AQ) = Aqueous

Table 3—continued

Reagents	Concentration	Heat- Stabilized 6/6 Nylon as Used in TYH	Halar®† as Used in TYV	Weatherable Acetal as Used in TYD	Standard 6/6 Nylon as Used in TY	6/6 Weather- Resistant Nylon as Used in TY	6/6 Fire- Retardant Nylon as Used in TY	Weather- Resistant Nylon 12 as Used in TYC	Polypropylene as Used in TYP	Weather- Resistant Polypropylene as Used in TYP	Fluoro- polymer as Used in TYZ	Stainless Steel as Used in TYS
		Series	Series	Series	Series	X Series	FR Series	X Series	Series	X Series	Series	Series
Potassium Carbonate 1%	—	E	—	—	—	—	E	E	E	E	E	E
Potassium Chlorate	AQ	—	E	—	—	—	—	S	E	E	E	E
Potassium Dichromate	40%	NR	E	—	NR	NR	NR	F	E	E	E	E
Potassium Ferrocyanide	25%	—	E	—	—	—	—	—	E	E	E	E
Potassium Hydroxide	5%	S	E	—	S	S	S	—	E	E	E	E
Potassium Iodide	100%	—	E	—	—	—	—	E	E	E	E	E
Potassium Nitrate	50%	F	E	—	F	F	F	E	E	E	E	E
Potassium Permanganate	5%	NR	E	S	NR	NR	NR	NR	E	E	E	E
Potassium Sulfate	5%	—	E	—	—	—	—	E	E	E	E	E
Potassium Sulfide	AQ	—	E	—	—	—	—	—	E	E	E	E
Propyl Alcohol	100%	E	E	—	E	E	E	—	E	E	E	E
Silver Nitrate	10%	—	E	—	—	—	—	E	E	E	E	E
Sodium Acetate	60%	E	E	—	E	E	E	—	E	E	E	E
Sodium Bicarbonate	100%	E	E	—	E	E	E	E	E	E	E	E
Sodium Bisulfate	10%	—	E	E	—	—	—	E	E	E	E	E
Sodium Borate	100%	—	E	—	—	—	—	—	E	E	E	E
Sodium Carbonate	5%	E	E	S	E	E	E	E	E	E	E	E
Sodium Chlorate	25%	—	E	E	—	—	—	S	E	E	E	E
Sodium Chloride	2%	E	E	S	E	E	E	E	E	E	E	E
Sodium Fluoride	5%	—	—	—	—	—	—	—	F	F	F	F
Sodium Hydroxide	10%	E	E	S	E	E	E	E	E	E	E	E
Sodium Hyposulfite	AQ	—	E	—	—	—	—	—	—	—	E	E
Sodium Nitrate	5%	E	E	—	E	E	E	E	E	E	E	E
Sodium Nitrite	AQ	—	E	—	—	—	—	S	E	E	E	E
Sodium Perchlorate	10%	—	E	—	—	—	—	—	—	—	E	E
Sodium Phosphate	5%	—	E	—	—	—	—	E	E	E	E	E
Sodium Sulfate	5%	S	E	—	S	E	E	E	E	E	E	E
Sodium Thiosulfate	5%	—	—	S	—	—	—	S	S	S	S	S
Stearic Acid	100%	—	E	—	—	—	—	F	E	E	E	E
Sulfur	100%	—	E	—	—	—	—	E	E	E	E	E
Sulfur Dioxide	100%	NR	E	—	NR	NR	NR	E	E	E	E	E
Sulfuric Acid	Conc.	NR	E	NR	NR	NR	NR	—	S	S	E	E
Sulfuric Acid	5%	NR	F	F	NR	NR	NR	F	F	F	F	F
Tannic Acid	10%	—	E	—	—	—	—	—	E	E	E	E
Tartaric Acid	50%	—	E	E	—	—	—	E	E	E	E	E
Tetrahydrofuran	100%	—	F	E	—	—	—	S	F	F	E	E
Toluene	100%	E	E	F	E	E	E	E	F	F	E	F
Xylene	100%	E	—	—	E	E	E	E	F	F	E	E
Zinc Chloride	70%	F	E	NR	F	F	F	E	E	E	E	E
Zinc Nitrate	AQ	—	E	—	—	—	—	E	E	E	E	E
Zinc Sulfate	AQ	—	E	—	—	—	—	E	E	E	E	E

† Halar® Trademark of Solvay Solexis, Inc.

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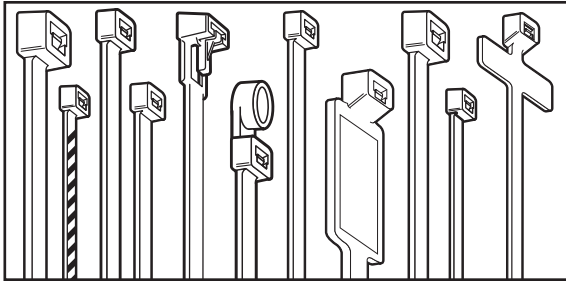
F = Fair

NR = Not Recommended

(AQ = Aqueous)

Catamount™

Cable Ties



- MINIATURE
- HEAVY DUTY
- INTERMEDIATE
- EXTRA HEAVY DUTY
- STANDARD
- RELEASABLE TIES

- MOUNTING HEAD
- STRIPED TIES
- RESTRICTED BUNDLE
- IDENTIFICATION TIES
- MIL-SPEC TIES

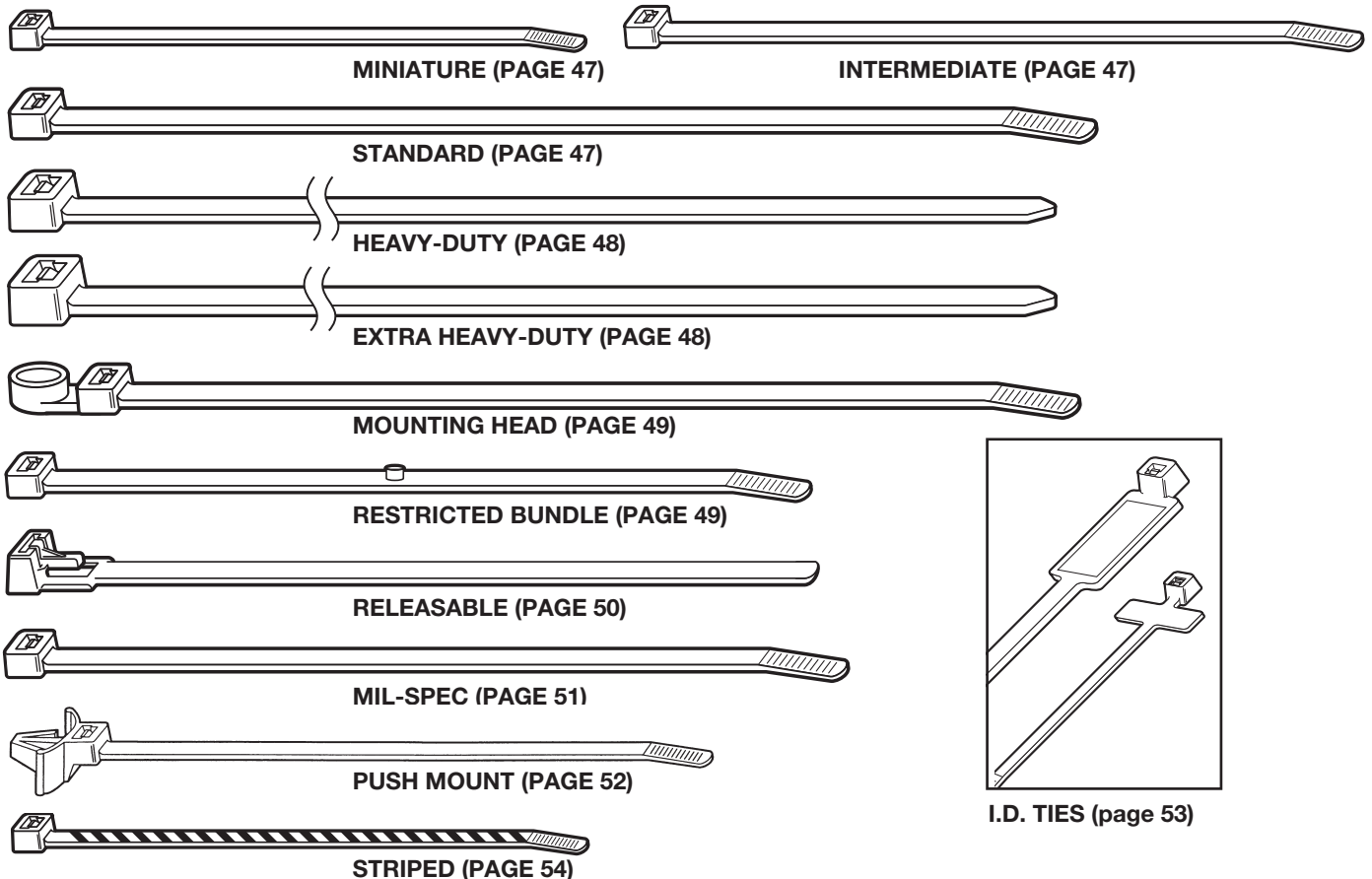
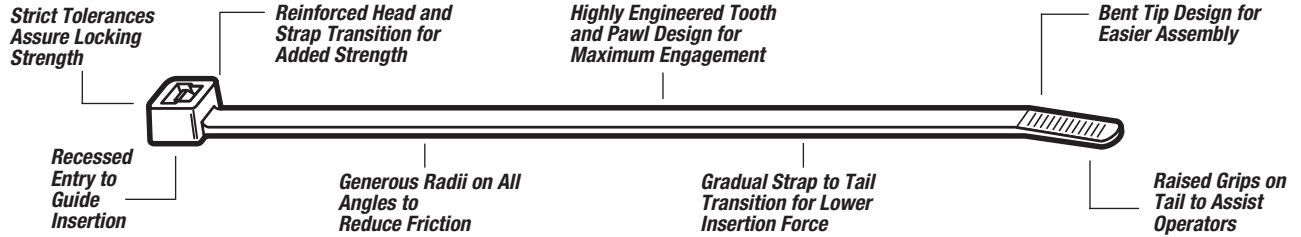
Catamount™ Cable Ties are available in lengths from 4" to our exclusive 48" strap. Cable Ties will satisfy bundling requirements from 1/16" to 15" and loop tensile strengths from 18 to 175 pounds.

Cable Ties are stocked in materials and colours as listed. Contact your Catamount™ Distributor or Customer Service Representative for availability in special colours.

Where applicable, Catamount™ Cable Ties are UL Recognized, Mil-Spec Approved and/or QPL Listed.

State-of-the-art robotic and raw material handling equipment assures product and material integrity throughout the manufacturing process. Overall quality is achieved through statistical analysis and quality driven operator objectives. Catamount™ has attained Mil-Spec I-45208 quality ratings from a number of equipment manufacturers.

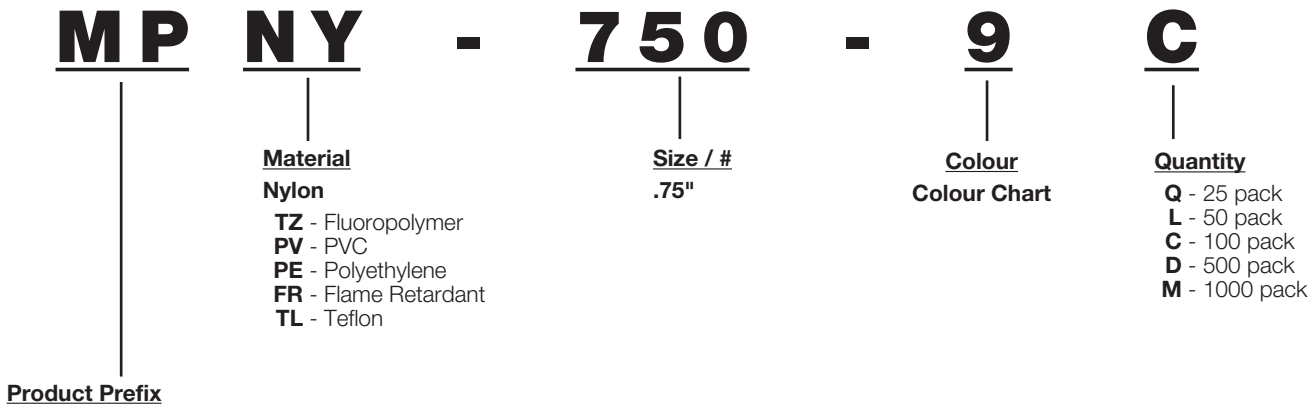
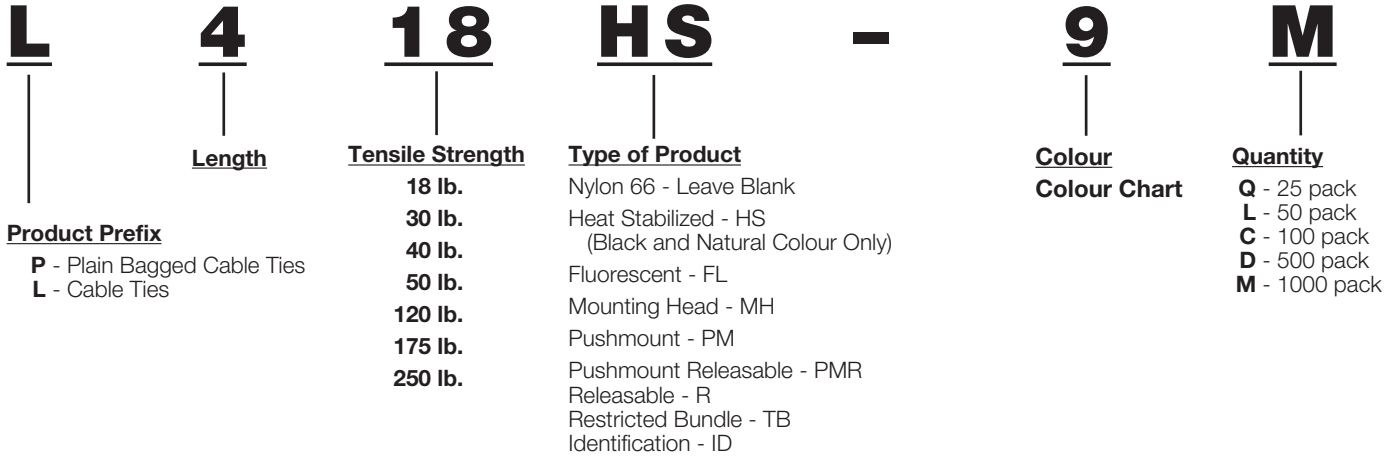
Catamount™ products are sold through stocking T&B Distributors.



Catamount™

Cable Ties

Part Number Construction



Colour Table

0 - Black (Weather Resistant)	7 - Purple
1 - Brown	8 - Grey
2 - Red	9 - Natural
3 - Orange	11 - Fluorescent Pink
4 - Yellow	16 - Fluorescent Orange
5 - Green	17 - Fluorescent Yellow
6 - Blue	18 - Fluorescent Green
	20 - Fluorescent Blue

Materials for Molded Assembly Hardware

Property	ASTM Method	Test Condition	Units	Molded 6/6 Nylon	Heat Stabilized Nylon	UV Black Nylon
Tensile Strength	D638	+73°F; 50% RH	kpsi	11.2	11.2	9.0
Elongation at Break	D638	+73°F; 50% RH	%	Ž300	Ž300	200
Yield Strength	D638	+73°F; 50% RH	kpsi	8.5	8.5	9.0
Shear Strength	D732	Dry As Molded (DAM)	kpsi	9.6	9.6	10.5
Deformation Under Load	D621	2,000 psi +122°F; DAM	%	1.4	1.4	1.2
IZOD Impact	D256	+73°F; 50% RH	ft lb/in	2.1	2.1	2.0
Tensile Impact Strength	D1822	+73°F; Long Specimen; DAM	ft lb/in ²	240	240	N.R.
Melting Point	D789	Fisher-Johns	°F	491	491	491
Thermal Linear Expansion	D696	DAM	in/in/°F	4 x 10 ⁻⁵	4 x 10 ⁻⁵	N.R.
Thermal Conductivity	–	DAM Conche-Fitch	BTU - in/h . ft ² . °F	1.7	1.7	1.7
Brittleness Temperature	D746	50% RH	°F	-85	-85	-62
Oxygen Index	D2863	DAM 50% RH	%O ₂	28 31	28 31	25 31
UL Flammability	UL 94	DAM 50% RH	– –	V-2 V-2	V-2 V-2	V-2 V-2

- Material data as provided by our suppliers.
- Tests conducted on 1/4" specimens.
- N.R. = Not Reported

Catamount®

Cable Ties

About Nylon...

Nylons possess an outstanding balance of properties combining strength, moderate stiffness, high service temperature and a high level of toughness. Nylon is particularly resistant to repeated impact, has a low co-efficient of friction and excellent abrasion resistance.

Nylon is resistant to fuels, lubricants and most chemicals, but is attacked by phenols, strong acids and oxidizing agents. Contact your Catamount™ Customer Service Representative or your Catamount™ Distributor for chemical data relative to your application.

Nylon is inherently susceptible to environmental conditions. Catamount™ Cable Ties are moisturized to optimum performance levels at machine-side and should be stored in cool dry areas out of direct sunlight. Cable Ties are packaged in plastic bags to contain moisture and should remain sealed until ready for use.

NBS Smoke Generation for 6/6 Nylon

Sample Thickness	UL Flammability	Energy Source	Specific Optical Density	
			at Maximum Smoke Accumulation	at 2 Minutes
1/16"	94 V-2	Radiant (2.5 watts/sq cm)	13	0
1/8"	94 V-2	Radiant Plus Flaming Gas Jets	26	1

- Results as provided by National Bureau of Standards (NBS). Results may not be directly correlated with larger fires, such as burning buildings. Materials should be tested to your application.

Temperature Index for Molded Nylons

Material	Minimum Thickness (in)	Temperature Index		
		Electrical (°C)	Mechanical w/o Impact (°C)	Hot Wire Ignition (sec)
6/6 Nylon	.058	125	85	15.0
UV Black Nylon	.120	125	85	35.0
Heat Stabilized Nylon	.240	125	85	35.0
Heat Stabilized Nylon	.058	130	105	11.0
Heat Stabilized Nylon	.120	130	110	20.0

- Temperature Index is the temperature at which the specific property will decrease to one-half its original value after 60,000 hours exposure at that temperature.

Catamount™

Cable Ties



Miniature – Series 18

Std. Cat. No.	Bulk Cat. No.	Material	Colour	Bundle Diameter		Length		Width		Minimum Loop Tensile		Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)		
L-4-18HS-0-C	L-4-18HS-0-M	Heat Stabilized Nylon	Black	1/16 - 5/8	(2-16)	4.0	(102)	.100	(3)	18	(8.2)	100	1000
L-4-18-9-C	L-4-18-9-M	Nylon	Natural	1/16 - 5/8	(2-16)	4.0	(102)	.100	(3)	18	(8.2)	100	1000
L-4-18-0-C	L-4-18-0-M	Nylon	Black	1/16 - 5/8	(2-16)	4.0	(102)	.100	(3)	18	(8.2)	100	1000
L-6-18-9-C	L-6-18-9-M	Nylon	Natural	1 1/16 - 1 1/2	(2-38)	6.4	(163)	.100	(3)	18	(8.2)	100	1000
L-6-18-0-C	L-6-18-0-M	Nylon	Black	1 1/16 - 1 1/2	(2-38)	6.4	(163)	.100	(3)	18	(8.2)	100	1000
L-8-18-9-C	L-8-18-9-M	Nylon	Natural	1/16 - 2	(2-51)	8.0	(202)	.100	(3)	18	(8.2)	100	1000
L-8-18-0-C	L-8-18-0-M	Nylon	Black	1 1/16 - 2	(2-51)	8.0	(202)	.100	(3)	18	(8.2)	100	1000

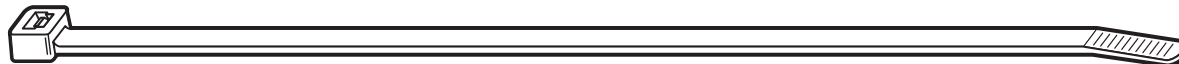
• Use QC-100, L-200, L-400-C, or ERG-299 Installation Tools.
Consult Customer Service for availability and colours.



Intermediate - Series 30/40

Std. Cat. No.	Bulk Cat. No.	Material	Colour	Bundle Diameter		Length		Width		Minimum Loop Tensile		Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)		
L-5-30HS-0-C	L-5-30HS-0-M	Heat Stabilized Nylon	Black	1/16 - 1 1/4	(2-32)	5.6	(145)	.130	(3)	30	(13.6)	100	1000
L-5-30-9-C	L-5-30-9-M	Nylon	Natural	1/16 - 1 1/4	(2-32)	5.6	(145)	.130	(3)	30	(13.6)	100	1000
L-5-30-0-C	L-5-30-0-M	Nylon	Black	1/16 - 1 1/4	(2-32)	5.6	(145)	.130	(3)	30	(13.6)	100	1000
L-8-40-9-C	L-8-40-9-M	Nylon	Natural	1/16 - 2	(2-51)	8.5	(215)	.140	(3)	40	(18.2)	100	1000
L-8-40-0-C	L-8-40-0-M	Nylon	Black	1/16 - 2	(2-51)	8.5	(215)	.140	(3)	40	(18.2)	100	1000
L-11-40-9-C	L-11-40-9-D	Nylon	Natural	1/16 - 3	(2-76)	11.5	(282)	.146	(4)	40	(18.2)	100	500
L-11-40-0-C	L-11-40-0-D	Nylon	Black	1/16 - 3	(2-76)	11.5	(282)	.146	(4)	40	(18.2)	100	500
L-14-40-9-C	L-14-40-9-D	Nylon	Natural	1/16 - 4	(2-102)	14.5	(358)	.146	(4)	40	(18.2)	100	500
L-14-40-0-C	L-14-40-0-D	Nylon	Black	1/16 - 4	(2-102)	14.5	(358)	.146	(4)	40	(18.2)	100	500

• Use QC-100, L-200, L-400-C, or ERG-299 Installation Tools.
Consult Customer Service for availability and colours.



Standard - Series 50

Std. Cat. No.	Bulk Cat. No.	Material	Colour	Bundle Diameter		Length		Width		Minimum Loop Tensile		Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)		
L-5-50HS-0-C	L-5-50HS-0-M	Heat Stabilized Nylon	Black	1/16 - 1	(2-25)	5.5	(140)	.187	(5)	50	(22.7)	100	1000
L-5-50-9-C	L-5-50-9-M	Nylon	Natural	1/16 - 1	(2-25)	5.5	(140)	.187	(5)	50	(22.7)	100	1000
L-5-50-0-C	L-5-50-0-M	Nylon	Black	1/16 - 1	(2-25)	5.5	(140)	.187	(5)	50	(22.7)	100	1000
L-7-50-9-C	L-7-50-9-M	Nylon	Natural	1/16 - 1 3/4	(2-44)	7.5	(193)	.187	(5)	50	(22.7)	100	1000
L-7-50-0-C	L-7-50-0-M	Nylon	Black	1/16 - 1 3/4	(2-44)	7.5	(193)	.187	(5)	50	(22.7)	100	1000
L-11-50-9-C	L-11-50-9-D	Nylon	Natural	1/16 - 3	(2-76)	11.1	(282)	.187	(5)	50	(22.7)	100	500
L-11-50-0-C	L-11-50-0-D	Nylon	Black	1/16 - 3	(2-76)	11.1	(282)	.187	(5)	50	(22.7)	100	500
L-14-50-9-C	L-14-50-9-D	Nylon	Natural	1/16 - 4	(2-102)	14.1	(358)	.187	(5)	50	(22.7)	100	500
L-14-50-0-C	L-14-50-0-D	Nylon	Black	1/16 - 4	(2-102)	14.1	(358)	.187	(5)	50	(22.7)	100	500

• Use QC-100, L-200, L-400-C, or ERG-299 Installation Tools.
Consult Customer Service for availability and colours.

Sample Catalogue Order:

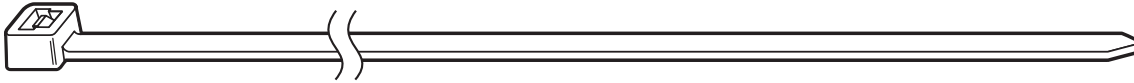
L 4 18 9 C = Natural Colour Type

Colour Table

0 – Black (Outdoor)	5 – Green	FL11 – Fluorescent Pink
1 – Brown	6 – Blue	FL16 – Fluorescent Orange
2 – Red	7 – Purple	FL17 – Fluorescent Yellow
3 – Orange	8 – Grey	FL18 – Fluorescent Green
4 – Yellow	9 – Natural	FL20 – Fluorescent Blue

Catamount™

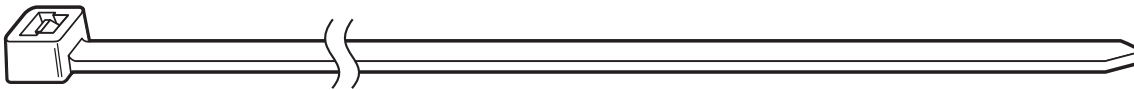
Cable Ties



Heavy Duty - Series 120

Std. Cat. No.	Material	Colour	Bundle Diameter		Length		Width		Minimum Loop Tensile		Std. Pkg.
			Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)	
L-8-120HS-0-C	Heat Stabilized Nylon	Black	3/16 - 2	(5-51)	8.0	(202)	.300	(8)	120	(54.4)	100
L-8-120-9-C	Nylon	Natural	3/16 - 2	(5-51)	8.0	(202)	.300	(8)	120	(54.4)	100
L-8-120-0-C	Nylon	Black	3/16 - 2	(5-51)	8.0	(202)	.300	(8)	120	(54.4)	100
L-11-120-9-C	Nylon	Natural	3/16 - 3	(5-76)	11.1	(282)	.300	(8)	120	(54.4)	100
L-11-120-0-C	Nylon	Black	3/16 - 3	(5-76)	11.1	(282)	.300	(8)	120	(54.4)	100
L-14-120-9-C	Nylon	Natural	3/16 - 4	(5-102)	14.2	(363)	.300	(8)	120	(54.4)	100
L-14-120-0-C	Nylon	Black	3/16 - 4	(5-102)	14.2	(363)	.300	(8)	120	(54.4)	100
L-18-120-9-L	Nylon	Natural	3/16 - 4 7/8	(5-124)	18.0	(457)	.300	(8)	120	(54.4)	50
L-18-120-0-L	Nylon	Black	3/16 - 4 7/8	(5-124)	18.0	(457)	.300	(8)	120	(54.4)	50
L-24-120-9-L	Nylon	Natural	3/16 - 7	(5-178)	24.2	(616)	.300	(8)	120	(54.4)	50
L-24-120-0-L	Nylon	Black	3/16 - 7	(5-178)	24.2	(616)	.300	(8)	120	(54.4)	50
L-28-120-9-L	Nylon	Natural	3/16 - 9	(5-230)	28.0	(816)	.300	(8)	120	(54.4)	50
L-28-120-0-L	Nylon	Black	3/16 - 9	(5-230)	28.0	(816)	.300	(8)	120	(54.4)	50

• Use L-300C or ERG-297 Installation Tool. Consult Customer Service for availability and colours.



Extra Heavy Duty - Series 175

Std. Cat. No.	Material	Colour	Bundle Diameter		Length		Width		Minimum Loop Tensile		Std. Pkg.
			Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)	
L-24-175-9-L	Nylon	Natural	3/16 - 7.2	(5-184)	24.0	(612)	.345	(9)	175	(79.3)	50
L-24-175-0-L	Nylon	Black	3/16 - 7.2	(5-184)	24.0	(612)	.345	(9)	175	(79.3)	50
L-34-175-9-L	Nylon	Natural	3/16 - 10	(5-254)	34.0	(864)	.345	(9)	175	(79.3)	50
L-36-175-9-L	Nylon	Natural	2 3/4 - 10 3/4	(70-273)	36.0	(914)	.345	(9)	175	(79.3)	50
L-36-175-0-L	Nylon	Black	2 3/4 - 10 3/4	(70-273)	36.0	(914)	.345	(9)	175	(79.3)	50
L-41-175-9-L	Nylon	Natural	3/16 - 12	(5-305)	41.0	(1032)	.345	(9)	175	(79.3)	50
L-41-175-0-L	Nylon	Black	3/16 - 12	(5-305)	41.0	(1032)	.345	(9)	175	(79.3)	50
L-48-175-9-L	Nylon	Natural	3/16 - 15	(5-375)	48.0	(1216)	.345	(9)	175	(79.3)	50
L-48-175-0-L	Nylon	Black	3/16 - 15	(5-375)	48.0	(1216)	.345	(9)	175	(79.3)	50

• Use L-300C Installation Tool. Consult Customer Service for availability and colours.

Sample Catalogue Order:

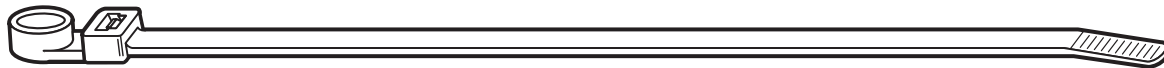
L 4 18 9 C = Natural Colour Type

Colour Table

0 - Black (Outdoor)	5 - Green	11 - Fluorescent Pink
1 - Brown	6 - Blue	16 - Fluorescent Orange
2 - Red	7 - Purple	17 - Fluorescent Yellow
3 - Orange	8 - Grey	18 - Fluorescent Green
4 - Yellow	9 - Natural	20 - Fluorescent Blue

Catamount™

Cable Ties



Mounting Head Ties

Std. Cat. No.	Cat. No. Bulk	Material	Colour	Bundle Diameter		Length		Width		Minimum Loop Tensile		Mounting Head Screw Size	Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)			
L-5-30MH-9-C	L-5-30MH-9-M	Nylon	Natural	1/16 - 1 1/4	(2 - 32)	5.85	(148.6)	.140	(4)	30	(13.6)	No. 8	100	1000
L-5-30MH-0-C	L-5-30MH-0-M	Nylon	Black	1/16 - 1 1/4	(2 - 32)	5.85	(148.6)	.140	(4)	30	(13.6)	No. 8	100	1000
L-7-50MH-9-C	L-7-50MH-9-M	Nylon	Natural	1/16 - 1 3/4	(2 - 44)	7.5	(191)	.185	(5)	30	(13.6)	No. 10	100	1000
L-7-50MH-0-C	L-7-50MH-0-M	Nylon	Black	1/16 - 1 3/4	(2 - 44)	7.5	(191)	.185	(5)	30	(13.6)	No. 10	100	1000
L-11-50MH-9-C	L-11-50MH-9-D	Nylon	Natural	1/16 - 3	(2 - 76)	11.1	(282)	.187	(5)	50	(22.7)	No. 10	100	500
L-11-50MH-0-C	L-11-50MH-0-D	Nylon	Black	1/16 - 3	(2 - 76)	11.1	(282)	.187	(5)	50	(22.7)	No. 10	100	500
L-14-50MH-9-C	L-14-50MH-9-D	Nylon	Natural	1/16 - 4	(2 - 102)	14.5	(365)	.187	(5)	50	(22.7)	No. 10	100	500
L-14-50MH-0-C	L-14-50MH-0-D	Nylon	Black	1/16 - 4	(2 - 102)	14.5	(365)	.187	(5)	50	(22.7)	No. 10	100	500
L-14-120MH-9-C		Nylon	Natural	3/16 - 4	(5 - 102)	14.85	(374)	.300	(8)	120	(54.4)	1/4 inch	100	-
L-14-120MH-0-C		Nylon	Black	3/16 - 4	(5 - 102)	14.85	(374)	.300	(8)	120	(54.4)	1/4 inch	100	-

• Use QC-100, L-200, L-400-C, ERG-297, or ERG-299 Installation Tool. Consult Customer Service for availability and colours.



Restricted Bundle

Std. Cat. No.	Cat. No. Bulk	Material	Colour	Bundle Diameter		Length		Width		Minimum Loop Tensile		Tab Height		Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)	Inch	(mm)		
L-5-30TB-3-M		Nylon	Orange	21/32 - 1 1/4	(17 - 32)	5.6	(142)	.130	(3)	30	(13.6)	.062	(1.58)	-	1000

• Recommended for tote-box, security and temporary applications.
 • Use QC-100, L-200, L-400-C, or ERG-299 Installation Tools on Low setting. Consult Customer Service for availability and colours.

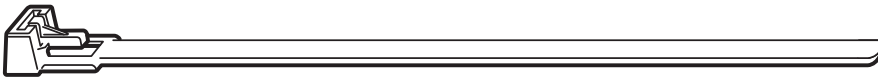
Sample Catalogue Order:

L 4 18 9 C = Natural Colour Type

Colour Table		
0 - Black (Outdoor)	5 - Green	11 - Fluorescent Pink
1 - Brown	6 - Blue	16 - Fluorescent Orange
2 - Red	7 - Purple	17 - Fluorescent Yellow
3 - Orange	8 - Grey	18 - Fluorescent Green
4 - Yellow	9 - Natural	20 - Fluorescent Blue

Catamount™

Cable Ties



Releasable Ties

Std. Cat. No.	Cat. No. Bulk	Material	Colour	Bundle Diameter		Length		Width		Minimum Loop Tensile		Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)		
L-5-50R-9-C	L-5-50R-9-D	Nylon	Natural	1/8 - 1 1/4	(3 - 32)	5.9	(150)	.295	(7.5)	50	(22.7)	100	500
L-5-50R-0-C	L-5-50R-0-D	Nylon	Black	1/8 - 1 1/4	(3 - 32)	5.9	(150)	.295	(7.5)	50	(22.7)	100	500
L-8-50R-9-C	L-8-50R-9-D	Nylon	Natural	1/8 - 2	(3 - 51)	7.8	(198)	.295	(7.5)	50	(22.7)	100	500
L-8-50R-0-C	L-8-50R-0-D	Nylon	Black	1/8 - 2	(3 - 51)	7.8	(198)	.295	(7.5)	50	(22.7)	100	500
L-10-50R-9-C	L-10-50R-9-D	Nylon	Natural	1/8 - 3	(3 - 76)	11.265	(286)	.295	(7.5)	50	(22.7)	100	500
L-10-50R-0-C	L-10-50R-0-D	Nylon	Black	1/8 - 3	(3 - 76)	11.265	(286)	.295	(7.5)	50	(22.7)	100	500

- Push Button Release.
- Use QC-100, L-200, L-400-C, ERG-297, ERG-299 Installation Tool. Consult Customer Service for availability and colours.

Sample Catalogue Order:

L 4 18 9 C = Natural Colour Type

Colour Table

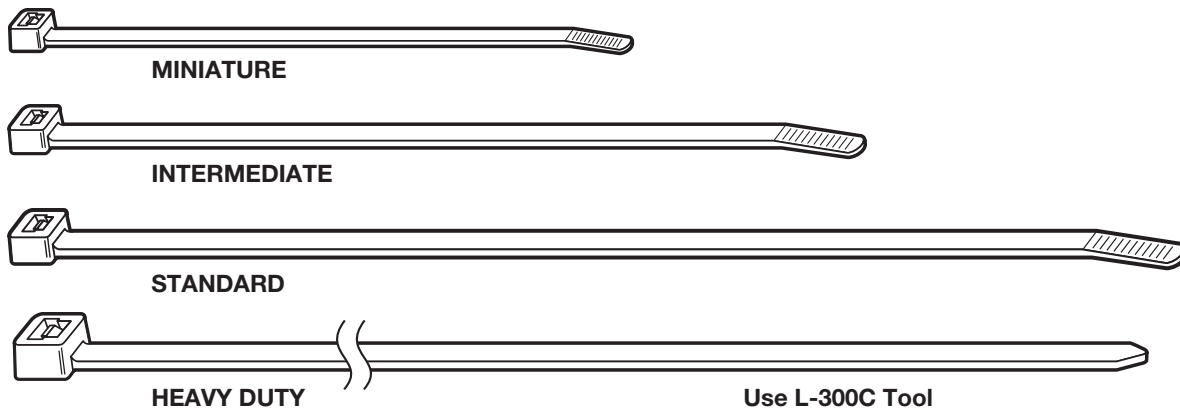
0 – Black (Outdoor)	5 – Green	11 – Fluorescent Pink
1 – Brown	6 – Blue	16 – Fluorescent Orange
2 – Red	7 – Purple	17 – Fluorescent Yellow
3 – Orange	8 – Grey	18 – Fluorescent Green
4 – Yellow	9 – Natural	20 – Fluorescent Blue

Catamount™

Cable Ties

Catamount™ Military Specification Ties

The following cable ties meet the stringent requirements of military specifications. To locate ties that meet a particular specification, refer to the chart below.



Mil-Spec Cable Ties

Mil-Spec	Std. Cat. No.	Bulk Cat. No.	Material	ID Code	Tool Setting	Std. Pkg.	Bulk Pkg.
MS-3367-2-9	L-14-50-9-C	L-14-50-9-D	Natural Nylon	STD	6 to 8	100	500
MS-3367-2-0	L-14-50-0-C	L-14-50-0-D	UV Black Nylon	STD	6 to 8	100	500
MS-3367-3-9	L-14-120-9-C	-	Natural Nylon	HVY	5 to 8	100	-
MS-3367-3-0	L-14-120-0-C	-	UV Black Nylon	STD	6 to 8	100	-
MS-3367-4-9	L-4-18-9-C	-	Natural Nylon	MIN	1 to 3	100	-
MS-3367-4-0	L-4-18-0-C	-	UV Black Nylon	MIN	1 to 3	100	-
MS-3367-5-9	L-5-30-9-C	-	Natural Nylon	INT	3 to 5	100	-
MS-3367-5-0	L-5-30-0-C	-	UV Black Nylon	INT	3 to 5	100	-
MS-3367-7-9	L-11-50-9-C	L-11-50-9-D	Natural Nylon	STD	6 to 8	100	500
MS-3367-7-0	L-11-50-0-C	L-11-50-0-D	UV Black Nylon	STD	6 to 8	100	500
MS-3367-6-9	L-28-120-9-L	-	Natural Nylon	HVY	5 to 8	50	-
MS-3367-6-0	L-28-120-0-L	-	UV Black Nylon	HVY	5 to 8	50	-

• Use L-200, L-400-C, or ERG-297 Installation Tools

• Catamount™ FSCM 65664 QPL Listed

• **UL File No. E151267**
Electrical Construction Materials
Spiral Wrap

• **UL File No. E132609**
Wire Connectors

• **UL File No. E107819**
Fabricated Parts
Fasteners and Hardware for
Material Traceability

To assure that military labeling requirements are met when ordering MIL-SPEC Cable Ties, please reference the desired MS number when ordering.

Sample Catalogue Order:

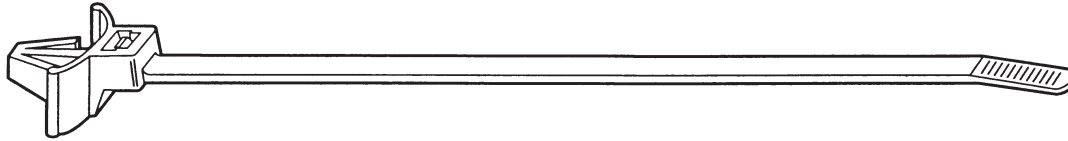
L 4 18 9 C = Natural Colour Type

Colour Table

0 – Black (Outdoor)	5 – Green	11 – Fluorescent Pink
1 – Brown	6 – Blue	16 – Fluorescent Orange
2 – Red	7 – Purple	17 – Fluorescent Yellow
3 – Orange	8 – Grey	18 – Fluorescent Green
4 – Yellow	9 – Natural	20 – Fluorescent Blue

Catamount™

Cable Ties



Push Mount Cable Ties

Std. Cat. No.	Cat. No. Bulk	Tie Colour	Stripe Colour	Bundle Diameter		Length		Width		Minimum Loop Tensile		Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)		
L-5-50PM-9-C	L-5-50PM-9-D	Nylon	Natural	1/16 - 1	(2-25)	5.8	(147)	.187	(4.76)	50	(22.7)	100	500
L-5-50PM-0-C	L-5-50PM-0-D	Nylon	Black	1/16 - 1	(2-25)	5.8	(147)	.187	(4.76)	50	(22.7)	100	500
L-7-50PM-9-C	L-7-50PM-9-D	Nylon	Natural	1/16 - 1 3/4	(2-44)	8.2	(208)	.187	(4.76)	50	(22.7)	100	500
L-7-50PM-0-C	L-7-50PM-0-D	Nylon	Black	1/16 - 1 3/4	(2-44)	8.2	(208)	.187	(4.76)	50	(22.7)	100	500

- For use in .250 mounting hole.
 - Maximum panel thickness .105.
- Consult Customer Service for availability and colours.

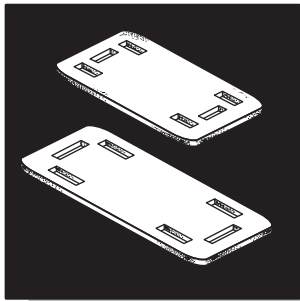
Releasable Push Mount Cable Ties

Std. Cat. No.	Cat. No. Bulk	Tie Colour	Stripe Colour	Bundle Diameter		Length		Width		Minimum Loop Tensile		Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)		
L-5-50PMR-9-C	L-5-50PMR-9-D	Nylon	Natural	1/16 - 1	(2-25)	5.8	(147)	.187	(4.76)	50	(22.7)	100	500
L-5-50PMR-0-C	L-5-50PMR-0-D	Nylon	Black	1/16 - 1	(2-25)	5.8	(147)	.187	(4.76)	50	(22.7)	100	500
L-7-50PMR-9-C	L-7-50PMR-9-D	Nylon	Natural	1/16 - 1 3/4	(2-44)	8.2	(208)	.187	(4.76)	50	(22.7)	100	500
L-7-50PMR-0-C	L-7-50PMR-0-D	Nylon	Black	1/16 - 1 3/4	(2-44)	8.2	(208)	.187	(4.76)	50	(22.7)	100	500

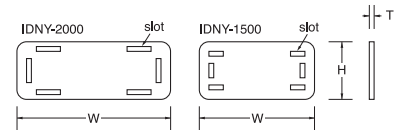
- For use in .250 mounting hole.
 - Maximum panel thickness .105.
- Consult Customer Service for availability and colours.

Catamount™

Cable Ties



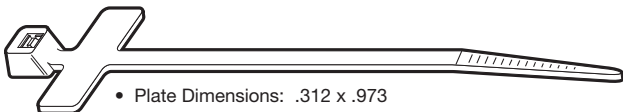
- Two tags for marking bundles to 9" diameters.
- Run ties through opposing mounting holes lengthwise or across the height of tags.
- IDNY-1500 accepts ties to 50 pound tensile; IDNY-2000 accepts ties to 120 pound tensile.
- Stocked in 6/6 Natural Nylon.
- UL Flammability 94 V-2.
- Non-Conductive, Non-Corrosive; resistant to fuels, lubricants and most chemicals.



Identification Tags

Std. Cat. No.	Bulk Cat. No.	H Height		W Width		T Thickness		Slot Height		Slot Width		Std. Pkg.	Bulk Pkg.
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)		
-	IDNY-1500-9-M	.745	(18.92)	1.500	(38.08)	.015	(.381)	.090	(2.29)	.200	(5.08)	-	1000
-	IDNY-2000-9-M	.745	(18.92)	2.000	(50.78)	.025	(.653)	.113	(2.87)	.336	(8.53)	-	1000
Tolerance ±		.015	(.381)	.030	(.762)	.005	(.127)	-	.010	(.254)	-	-	-

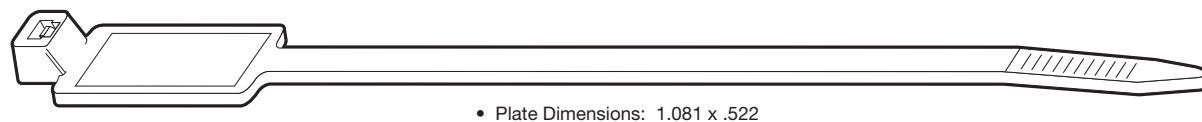
• Matte finish for sharp legends.
Consult Customer Service for availability and colours.



Identification Ties

Std. Cat. No.	Bulk Cat. No.	Material	Colour	Max. Bundle Diameter		Length		Width		Minimum Loop Tensile		Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)		
L-4-18ID-9-C	L-4-18ID-9-M	Nylon	Natural	3/4	(19)	4.0	(102)	.100	(2.54)	18	(8.2)	100	1000

• Use QC-100, L-200 or L-400-C Installation Tool.
Consult Customer Service for availability and colours.



Std. Cat. No.	Bulk Cat. No.	Material	Colour	Max. Bundle Diameter		Length		Width		Minimum Loop Tensile		Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)		
L-7-50ID-9-C	L-7-50ID-9-M	Nylon	Natural	1 3/4	(44)	7.875	(200)	.183	(4.65)	50	(22.7)	100	1000

• Use QC-100, L-200 or L-400-C Installation Tool.
Consult Customer Service for availability and colours.

Marking Pens



Cat. No.	Colour Ink	Std. Pkg.
WT163M-1	Black Marking Pen	1
WT163M-3	Red Marking Pen	1

Catamount™

Cable Ties



• Striped ties are used to identify wire in bundles.

Striped Ties

Std. Cat. No.	Tie Colour	Stripe Colour	Diameter		Length		Width		Loop Tensile		Std. Pkg.
			Inch	(mm)	Inch	(mm)	Inch	(mm)	LB	(kg)	
L-4-18-1/10-L	Brown	White	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-1/2-L	Brown	Red	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-1/0-L	Brown	Black	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-1/4-L	Brown	Yellow	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-1/7-L	Brown	Purple	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-3/10-L	Orange	White	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-3/2-L	Orange	Red	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-3/0-L	Orange	Black	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-3/4-L	Orange	Yellow	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-3/7-L	Orange	Purple	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-5/10-L	Green	White	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-5/2-L	Green	Red	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-5/0-L	Green	Black	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-5/4-L	Green	Yellow	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-5/7-L	Green	Purple	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-6/10-L	Blue	White	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-6/2-L	Blue	Red	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-6/0-L	Blue	Black	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-6/4-L	Blue	Yellow	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-6/7-L	Blue	Purple	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-8/10-L	Grey	White	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-8/2-L	Grey	Red	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-8/0-L	Grey	Black	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-8/4-L	Grey	Yellow	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50
L-4-18-8/7-L	Grey	Purple	1/16 - 7/8	(2 - 16)	4.0	(102)	.100	(3)	18	(8.2)	50

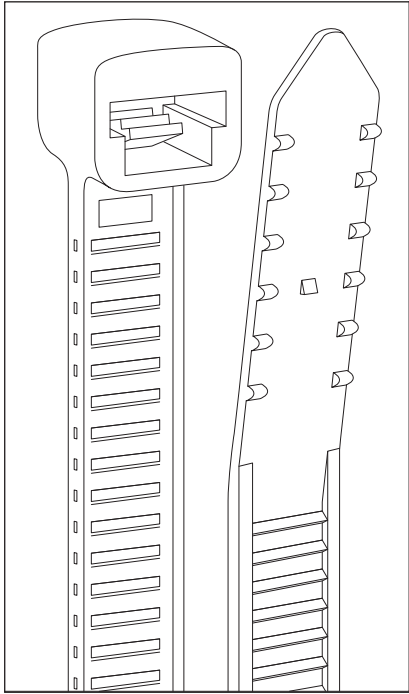
• Also available in bulk packages of 1000.

• Use QC-100, L-200, L-400-C, or ERG-299 Installation Tool.

Consult Customer Service for availability and colours.

T&B®

Cable Ties



- The integrally formed nylon pawl combines low insertion and high locking strength
- A rounded, low-profile head makes for less snags
- Tails have an improved two-sided finger grip design that helps the operator grasp and pull ties snug
- “Sure Grip” tab keeps the tail from popping out while being threaded, then holds it securely for final tightening by hand or tool
- Quick, easy pull through increases productivity, reduces operator fatigue

From one end to the other, T&B® Cable Ties fit the needs of OEMs

Designed with OEMs in mind, this new series of competitively priced T&B cable ties holds down costs and speeds up cable fastening. Our all-nylon design lowers installation costs and provides features to ease fastening for harness fabrication and wire bundling in the manufacturing environment.

T&B® cable ties are made of nylon 6/6 and perform well in most applications in temperatures ranging from 185°F to -40°F. The smooth edges are designed to prevent damage to wire insulation, reducing the opportunity for shorting, and tails are “turned up” for fast assembly. T&B® cable ties come in natural or outdoor weatherable black, and custom colours and options are available.

T&B® cable ties may be fastened with standard Thomas & Betts tying tools. All your favorite Ty-Rap® mounting bases and accessories may be used with T&B® cable ties. For harsh industrial environments, use our “grip of steel”™ Ty-Rap cable ties with the unique stainless steel barb. Ty-Rap and T&B® cable ties combine to offer the most complete package of cable ties and accessories for the fastening market.

T&B® cable ties come in large poly bags for convenient inventory and easy access at the manufacturing site. Call your local Thomas & Betts distributor today and find out how well T&B cable ties can fit your needs, from one end to the other.

T&B® Cable Ties

Cat. No.	Min. Tensile Strength (in lb)	Military Standard Part No.	Tie Length (in.)	Max. Bundle Diameter (in.)	Width (in.)	Std. Pkg. (pieces)
TY075-18	18	MS3367-4	3.60	.75	.095	1000
TY125-18	18		5.34	1.25	.095	1000
TY125-40	40	MS3367-5	5.60	1.25	.140	1000
TY200-18	18		7.75	2.00	.095	1000
TY200-40	40		8.00	2.00	.140	1000
TY200-120	120		8.63	2.00	.299	500
TY300-40	40		11.40	3.00	.140	1000
TY175-50	50	MS3367-1	7.30	1.75	.184	1000
TY300-50	50	MS3367-7	11.40	3.00	.184	1000
TY400-50	50	MS3367-2	14.30	4.00	.184	1000
TY400-120	120	MS3367-3	14.30	4.00	.301	500

Add suffix (-20) for cosmetic black, non-weatherable material.

Outdoor Weatherable (black)

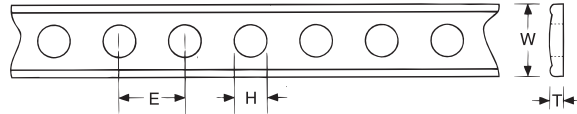
Cat. No.	Min. Tensile Strength (in lb)	Military Standard Part No.	Tie Length (in.)	Max. Bundle Diameter (in.)	Width (in.)	Std. Pkg. (pieces)
TY075-18X	18	—	3.60	.75	.095	1000
TY125-18X	18	—	5.34	1.25	.095	1000
TY125-40X	40	—	5.60	1.25	.140	1000
TY200-18X	18	—	7.75	2.00	.095	1000
TY200-40X	40	—	8.00	2.00	.140	1000
TY200-120X	120	—	8.63	2.00	.299	500
TY300-40X	40	—	11.40	3.00	.140	1000
TY175-50X	50	—	7.30	1.75	.184	1000
TY300-50X	50	—	11.40	3.00	.184	1000
TY400-50X	50	—	14.30	4.00	.184	1000
TY400-120X	120	—	14.30	4.00	.301	500

Catamount™

Cable Ties



- Extruded in 5 widths with 8 mounting hole diameters for use with a variety of standard and custom fasteners.
- Extrusion grade Black Nylon.
- Hole spacing allows for greater flexibility in meeting bundle diameter requirements.
- Strapping provides a wide range of tensile strengths depending on mounting method (S2NY-096-0 tested at 50 lb. with BTNY-096).
- Non-Conductive, Non Corrosive; resistant to fuels, lubricants and most chemicals.

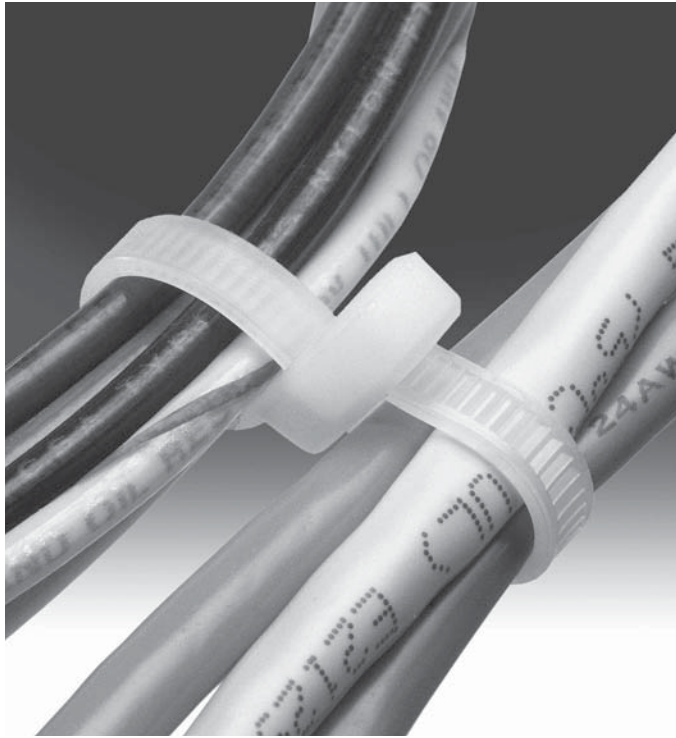


Strapping

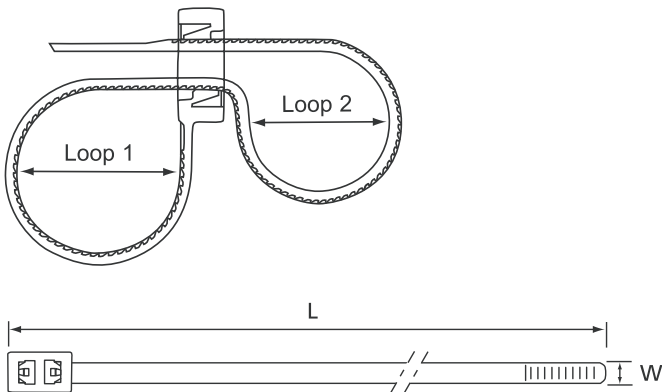
Item Number	W Width		T Thickness		H Hole		E Spacing		Quantity
	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	
S2NY-096-0-C	.281	(7.13)	.032	(.813)	.096	(2.44)	.187	(4.75)	100 foot rolls
S4NY-128-0-C	.375	(9.52)	.040	(1.02)	.128	(3.25)	.312	(7.92)	100 foot rolls
S4NY-140-0-C	.375	(9.52)	.040	(1.02)	.140	(3.56)	.312	(7.92)	100 foot rolls
S4NY-167-0-C	.375	(9.52)	.040	(1.02)	.167	(4.24)	.312	(7.92)	100 foot rolls
S4NY-167X-0-C	.375	(9.52)	.040	(1.02)	.167	(4.24)	.218	(5.54)	100 foot rolls
S6NY-000-0-C	.500	(12.70)	.060	(1.52)	N/A	N/A	N/A	N/A	100 foot rolls
S6NY-167-0-C	.500	(12.70)	.060	(1.52)	.167	(4.24)	.390	(9.90)	100 foot rolls
S6NY-203-0-C	.500	(12.70)	.060	(1.52)	.203	(5.16)	.390	(9.90)	100 foot rolls
S6NY-203X-0-C	.500	(12.70)	.060	(1.52)	.203	(5.16)	.281	(7.14)	100 foot rolls
S7NY-265-0-C	.625	(15.87)	.070	(1.78)	.265	(6.73)	.500	(12.70)	100 foot rolls
S7NY-265X-0-C	.625	(15.87)	.070	(1.78)	.265	(6.73)	.375	(9.52)	100 foot rolls
S7NY-281-0-C	.625	(15.87)	.070	(1.78)	.281	(7.14)	.500	(12.70)	100 foot rolls
S9NY-000-0-C	.875	(22.22)	.070	(1.78)	N/A	N/A	N/A	N/A	100 foot rolls
S9NY-203-0-C	.875	(22.22)	.070	(1.78)	.203	(5.16)	.500	(12.70)	100 foot rolls
S9NY-265-0-C	.875	(22.22)	.070	(1.78)	.265	(6.73)	.500	(12.70)	100 foot rolls
S9NY-390-0-C	.875	(22.22)	.070	(1.78)	.390	(9.90)	.625	(15.87)	100 foot rolls

Strapping Accessories Reference

Strapping Number	Strap-Tite Buckle	Mounting Tab	Mounting Cradle	Stud Buttons	Machine Screw
S2NY-096-0-C	N/A	M4NY-203-0-D	C4NY-203-0-D	BTNY-096-0-D	#2
S4NY-128-0-C	N/A	M4NY-203-0-D	C4NY-203-0-D	N/A	#5
S4NY-140-0-C	N/A	M4NY-203-0-D	C4NY-203-0-D	N/A	#6
S4NY-167-0-C	B4NY-167-0-D	M4NY-203-0-D	C4NY-203-0-D	BTNY-167-0-D	#8
S4NY-167X-0-C	B4NY-167-0-D	M4NY-203-0-D	C4NY-203-0-D	BTNY-167-0-D	#8
S6NY-000-0-C	N/A	M6NY-265-0-D	N/A	N/A	N/A
S6NY-167-0-C	N/A	M6NY-265-0-D	N/A	N/A	#8
S6NY-203-0-C	B6NY-203-0-D	M6NY-265-0-D	N/A	BTNY-203-0-D	#10
S6NY-203X-0-C	B6NY-203-0-D	M6NY-265-0-D	N/A	BTNY-203-0-D	#10
S7NY-265-0-C	B7NY-265-0-D	M7NY-328-0-D	N/A	BTNY-265-0-D	1/4
S7NY-265X-0-C	B7NY-265-0-D	M7NY-328-0-D	N/A	BTNY-265-0-D	1/4
S7NY-281-0-C	N/A	M7NY-328-0-D	N/A	N/A	1/4
S9NY-203-0-C	N/A	N/A	N/A	BTNY-203-0-D	#10
S9NY-265-0-C	N/A	N/A	N/A	BTNY-265-0-D	1/4
S9NY-390-0-C	N/A	N/A	N/A	N/A	3/8



Double Loop ties allow the parallel routing of two bundles of cable with one single tie. Available in 3 different lengths.



T&B[®]
Cable Ties

One Tie, Two Loops

Double Loop Cable Ties allow the parallel routing of two bundles of cable with one single cable tie. The unique design loops itself twice through the head of the tie in separate latching pawls. Applications include appliance manufacturers, automotive, aerospace, data communications, and electrical equipment manufacturers.

Advantages:

- Manufactured of natural colour nylon 6/6 material
- Temperature range of -40°F to 185°F
- UL 94 V-2 flammability rating
- Halogen and silicone-free to meet your application needs
- The integrally formed pawl combines low insertion and high locking strength
- A rounded, low-profile head makes for less snags
- Tails have improved two-sided finger grip design that helps the operator grasp and pull ties snug
- Quick and easy pull through increases productivity, reduces operator fatigue



Double Loop Cable Ties Information

Package Catalogue Number	Length (in.)	Width (in.)	Bundle Diameter Range		Min. Tensile M Strength	Installation For All Sizes	Tooling Quantity
			Loop 1 (in.)	Loop 2 (in.)			
TB-50RLDH	7.8	.19	.1 - 1.8	.1 - 1.7	50	ERG-50	1000
TB-12-50RLDH	11.8	.19	.1 - 2.8	.1 - 2.7	50	ERG-120	1000
TB-15-50RLDH	14.6	.19	.1 - 3.9	.1 - 3.8	50	WT193A, TR227	1000

Low-Profile In-Line Fasteners



Low profile contoured head compared with the profile of the traditional T&B Cable Tie.

This fastener design from Thomas & Betts is ideal for use where precision bundling is required and clearance is a necessity. A unique saddle back design curves to form a snug fit around the bundle, and allows for easy pull-through in bulkheads and any other tight spaces. Our contoured head eliminates snagging and sharp edges are reduced by our safe-guard walls.

Features

- Low-profile, contoured head reduces clearance required for the bundle and enhances the appearance of your harness.
- The safe-guard wall eliminates exposure to sharp edges.
- The saddle back fits snug against the contour of the wiring harness.
- Sizes and colours available to accommodate varying requirements.
- High-quality nylon strength.

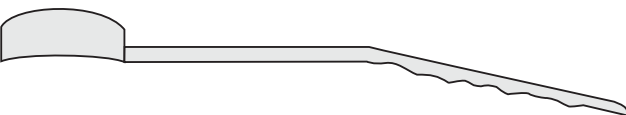
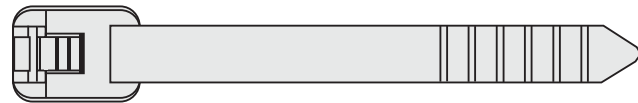
Cable Ties Ordering Information

Std. Cat. No.	Bundle Range Dia. In. (mm)	Tensile Strength lb.(Kg)	Tie Length In (mm)	Strap Width In (mm)	Strap Thick In (mm)	Std. Pkg.	Bulk. Pkg.
SF100-18	.125-1.00 (3.17-25.4)	18 (8.16)	4.65 (118.11)	.095 (2.41)	.043 (1.09)	100	1000
SF150-18	.125-1.50 (3.17-38.1)	18 (8.16)	6.45 (163.83)	.095 (2.41)	.043 (1.09)	100	1000
SF200-18	.125-2.00 (3.17-50.8)	18 (8.16)	8.10 (205.74)	.095 (2.41)	.043 (1.09)	100	1000
SF175-50	.187-1.75 (4.74-44.4)	50 (22.68)	7.70 (195.58)	.187 (4.74)	.048 (1.21)	100	1000
SF300-50	.187-3.00 (4.74-76.2)	50 (22.68)	11.33 (287.78)	.187 (4.74)	.052 (1.32)	100	1000
SF400-50	.187-4.00 (4.74-101.6)	50 (22.68)	14.53 (369.06)	.187 (4.74)	.052 (1.32)	100	1000
SF400-120	.375-4.00 (9.52-101.6)	120 (54.43)	14.58 (370.33)	.300 (7.62)	.075 (1.90)	100	1000
SF600-120	.375-6.00 (9.52-152.4)	120 (54.43)	21.00 (533.40)	.300 (7.62)	.075 (1.90)	100	1000
ERG120	Application tool for 50 lb. to 120 lb. tensile strength						
ERG50	Application tool for 18 lb. to 50 lb. tensile strength						

Material: Natural Nylon 6/6 in accordance with ASTM D4066 PA111. Also available in black outdoor weatherable (suffix "-X").

Dimensions: Designed according to military standards (MS3367) except for the head length, which is slightly larger than MIL spec.

Packaging: Standard package is 1000 pieces.



How to Order Colour Cable Ties

Colour	Suffix No.
Black (outdoor)	X
Brown	1
Red	2
Orange	3
Yellow	4
Green	5
Blue	6
Purple	7
Grey	8
White	9

Packaged for handling convenience.

Natural nylon is standard. For coloured cable ties in-line fasteners add the following suffix numbers to catalogue numbers.

Example: **SF175-50-2** (Red)

For Distributor Packs (100), add suffix "-100".

Example: **SF175-50-100**

(Consult customer service for ordering information)

T&B®

Cable Ties



T&B® Badge Holder

The ticket fastener that won't leave you out in the cold.

Thomas & Betts offers ski resorts a convenient, low-cost, quick, and safe alternative to the metal wire clip currently used to attach ski lift tickets to skiers' clothing.

T&B® cable ties offer these prominent advantages:

- Designed specifically for lift ticket attachment to prevent damage to skiers' clothing.
- Incorporates a loop diameter restriction device that forms the proper sized 1-1/4 inch loop required to hold the lift ticket in place and lay flat on the skier.
- Prevents the tie from being over-tightened and damaging the lift ticket.
- May also serve to aid the skier in zipping their coat by extending the zipper length.
- The Badge Holder is tamper resistant and smooth up to the restriction point to keep it from being shared or reused by other skiers.
- The smooth body eliminates the notch sensitivity issue inherent to all-nylon cable ties.
- The Badge Holder is designed with a flexible short round tail, safely eliminating sharp metal.
- Affordable at just pennies per fastener!

The Badge Holder comes in 9 different colours to match the resort's colour schemes and is made of high quality Nylon 6/6 material to withstand cold temperatures. It is 5 inches long and has a sturdy 30 pound tensile strength rating. Badge Holders may also be heat-stamped with additional identification, such as the resort's name or web site.

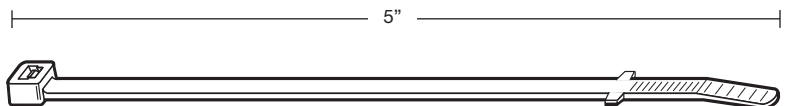
When the snow starts, Badge Holders will be ready to keep things snug, all the way down the mountain!

T&B Badge Holder Ordering Information

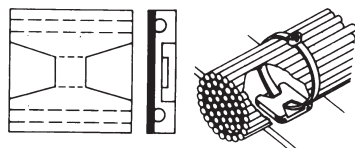
Cat No.	Description	Qty.	UPC
SJ-5-30SKI-9-M	Ticket Fastener	1000 bag	78621017017

Natural nylon colour. Please consult Customer Service for ordering and availability of colours and heat-stamping.

Dimensions: 5"
 Construction: Nylon 6/6
 Max. Tensile Strength: 30 lb.



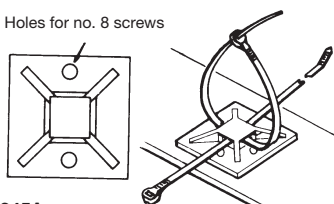
Cable Tie Mounting Bases



TC5342A

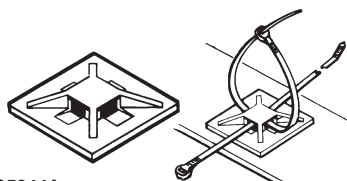
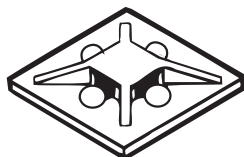
This nylon base is neutral in colour, and for indoor use.

Holes for no. 8 screws



TC5345A

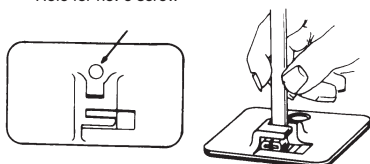
Accepting cable ties in four directions at 90°, this nylon, adhesive-backed base has two advantages. It eliminates errors in premounting the base with respect to its orientation to wire bundle direction. It also is a convenient way to mount wire bundles at cross-over points. Four optional mounting holes are included.



TC5344A

The four-way, pressure-sensitive, adhesive mounting base for use on cable ties up to .140 maximum width.

Hole for no. 6 screw



TC5353A

Mounting bases (adhesive backed, epoxy or screws)

Thomas & Betts has a mounting base or clamp to suit most applications and cable tie widths. For easier installation, some bases are available with pressure sensitive adhesive tape.

Features

- Available in a variety of materials for both indoor and outdoor use.
- One-piece molding – no loss of parts.
- Adhesive backed with pressure sensitive adhesive tape (where applicable).

Ordering Information

Adhesive Mounting Bases

Std. Cat. No.	Bulk Cat. No.	Mounting Method	Max. Tie Width Accom.	Length (in.)	Width (in.)	Material	Std. Pkg.	Bulk Pkg.
TC5342A	TC342A	Adhesive	.190	1.125	1.125	Nylon 6/6	100	1000
-	TC342A-X	Adhesive	.190	1.125	1.125	Weatherable nylon	-	1000
-	TC342	TC2PA	.190	1.125	1.125	Nylon 6/6	-	1000
-	TC342X	TC2PA	.190	1.125	1.125	Weatherable nylon	-	1000
-	TC342A-FR	Adhesive	.190	1.125	1.125	Flame-retardant nylon	-	1000

Four-Way Adhesive Mounting Base

Std. Cat. No.	Bulk Cat. No.	Mounting Method	Max. Tie Width Accom.	Length (in.)	Width (in.)	Material	Std. Pkg.	Bulk Pkg.
TC5345A	TC345A	Adhesive	.190	1.125	1.125	Nylon 6/6	100	1000
-	TC345AFR	Adhesive	.190	1.125	1.125	Flame-retardant	-	1000
-	TC345AX	Adhesive	.190	1.125	1.125	Weatherable nylon	-	1000
-	TC345	TC2PA/Screws	.190	1.125	1.125	Nylon 6/6	-	1000

Larger Size Four-Way Mini Base

Std. Cat. No.	Bulk Cat. No.	Mounting Method	Size (in.)	Material
TC050X050A-C	TC050X050A	Adhesive Backed	0.5 x 0.5	Nylon 6/6
TC150X150-L	TC150X150	Screw Mount	1.50 x 1.50	Nylon 6/6
TC150X150A-L	TC150X150A	Adhesive Backed	1.50 x 1.50	Nylon 6/6
TC200X200-L	TC200X200	Screw Mount	2.0 x 2.0	Nylon 6/6
TC200X200A-L	TC200X200A	Adhesive Backed	2.0 x 2.0	Nylon 6/6

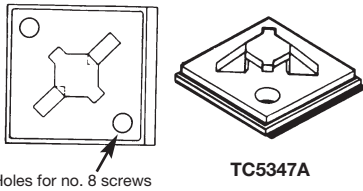
Four-Way Mini Base

Std. Cat. No.	Bulk Cat. No.	Mounting Method	Max. Tie Width Accom.	Length (in.)	Width (in.)	Material	Std. Pkg.	Bulk Pkg.
TC5344A	TC344A	Adhesive	.140	.750	.750	Nylon 6/6	100	1000
TC5344AX	TC344AX	Adhesive	.140	.750	.750	Weatherable Nylon	100	1000

Flexible Adhesive Base for Preassembled Ties

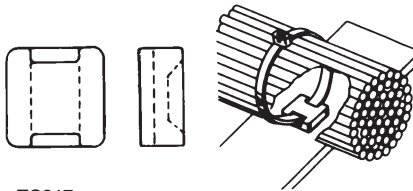
Std. Cat. No.	Bulk Cat. No.	Mounting Method	Max. Tie Width Accom.	Length (in.)	Width (in.)	Material	Std. Pkg.	Bulk Pkg.
TC5353A	TC353A	Adhesive	.190	2.000	1.000	Nylon 6/6	25	500
-	TC353	TC2PA/Screws	.190	2.000	1.000	Nylon 6/6	-	500

Cable Tie Mounting Bases

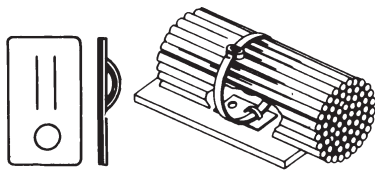


TC5347A

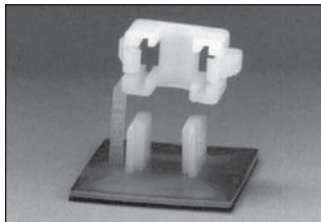
The TC347 series is a versatile base which accommodates the entire line of standard cable ties. It is a four-way base for cable ties up to .184 maximum width, and a two-way base for ties up to .301 maximum width. It may also be mounted with #8 size screw (2 holes).



TC817



TC105



- Provides a fast and convenient method of securing bundles.
- Single piece design offers reduced installation time and maximized inventory control.
- Integral top cover incorporates a unique ratchet design that is fully adjustable and releasable.
- Available in a pressure sensitive adhesive or screw mount design.



Adhesive Mounting Base

Std. Cat. No.	Bulk Pkg. Cat. No.	Mounting Method	Max. Tie Width Accom.	Length (in.)	Width (in.)	Material	Std. Pkg.	Bulk Pkg.
TC5347A	TC347A	Adhesive	.301	1.125	1.125	Nylon 6/6	100	1000
-	TC347	TC2PA/Screws	.301	1.125	1.125	Nylon 6/6	-	1000
-	TC347FR	TC2PA/Screws	.301	1.125	1.125	Flame-retardant	-	1000
-	TC347X	TC2PA/Screws	.301	1.125	1.125	Weatherable nylon	-	1000
-	TCZ347	TC2PA/Screws	.301	1.125	1.125	Fluoropolymer	-	1000

Miniature Base

Std. Cat. No.	Bulk Pkg. Cat. No.	Mounting Method	Max. Tie Width Accom.	Length (in.)	Width (in.)	Material	Std. Pkg.	Bulk Pkg.
-	TC817-TB	TC2PA	.190	.437	.437	Nylon 6/6	-	1000

Aluminum Adhesive Mounting Plates

Std. Cat. No.	Bulk Pkg. Cat. No.	Mounting Method	Max. Tie Width Accom.	Length (in.)	Width (in.)	Material	Std. Pkg.	Bulk Pkg.
-	TC105	TC2PA	.190	1.000	.500	Aluminum	-	1000
-	TC824-TB	TC2PA	.190	1.375	.375	Aluminum	-	1000

Note: For adhesive back bases temperature rating is -18°C to +49°C (0°F to +120°F)

One-Piece Mounting Clamp

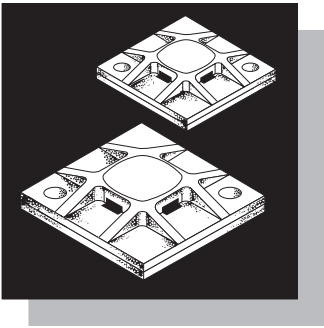
Cat. No.	Base Style	Maximum Height	Clamping Area		Std. Pkg.	
			Minimum	Maximum		
TC349A-TB	Adhesive	0.57" (14.5mm)	0.18" x 0.24" (4.5mm x 6.0mm)		1000	
TC5349A-TB	Adhesive					.035" x 0.24" (9.0mm x 6.0mm)
TC350-TB	Screw Mount	0.89" (22.5mm)	0.20" x 0.59" (5.0mm x 15.0mm)		1000	
TC350A-TB	Adhesive				0.45" x 0.59" (11.5mm x 15.0mm)	1000
TC5350A-TB	Adhesive				100	

Note: Made of natural nylon 6/6.
 Temperature Range: -40°C to +85°C (-40°F to +185°F)
 Classified to U.L. 94V-2.
 Product Base is .94" (25.0 mm) x .94" (25.0 mm).
 Utilizes #8 self-tapping screw for mounting the TC350-TB.

Mounting Base Adhesive

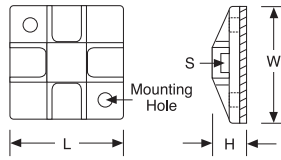
Cat. No.	Description	Std. Pkg.
TC2PA	Consists of one tube each adhesive and activator	1

Cable Tie Mounting Bases



Mounting Pads

- 3/4" and 1" mounts for use with 18# through 50# tensile cable ties.



- Supplied on rubber based (weatherproof resistant nylon) closed cell foam adhesive on acrylic based adhesive, or with no adhesive for #6 screw mount applications.
- Available in 6/6 Natural Nylon and heat stabilized 6/6 Black Nylon.
- UL Flammability 94 V-2 (clip).



3/4" x 3/4" Mount

Std. Cat. No.	Bulk Cat. No.	Material	Mount Method	Height		Length		Width		Slot Height		Slot Width		Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)		
MPNY-750-9-C	MPNY-750-9-D	Natural Nylon	Synthetic Polymer	.205	(5.21)	.750	(19.04)	.750	(19.04)	.050	(1.27)	.140	(3.18)	100	500
MPNY-750-0-C	MPNY-750-0-D	Black Nylon	Synthetic Polymer	.205	(5.21)	.750	(19.04)	.750	(19.04)	.050	(1.27)	.140	(3.18)	100	500
MPNY-750A-9-C	MPNY-750A-9-D	Natural Nylon	Acrylic Adhesive	.205	(5.21)	.750	(19.04)	.750	(19.04)	.050	(1.27)	.140	(3.18)	100	500
MPNY-750A-0-C	MPNY-750A-0-D	Black Nylon	Acrylic Adhesive	.205	(5.21)	.750	(19.04)	.750	(19.04)	.050	(1.27)	.140	(3.18)	100	500
MPNY-750S-9-C	MPNY-750S-9-D	Natural Nylon	#6 Screw	.205	(5.21)	.750	(19.04)	.750	(19.04)	.050	(1.27)	.140	(3.18)	100	500
MPNY-750S-0-C	MPNY-750S-0-D	Black Nylon	#6 Screw	.205	(5.21)	.750	(19.04)	.750	(19.04)	.050	(1.27)	.140	(3.18)	100	500
Tolerance ±				.010	(.254)	.015	(.381)			.010	(.254)				

For use with 18-40 lb. Cable Ties.



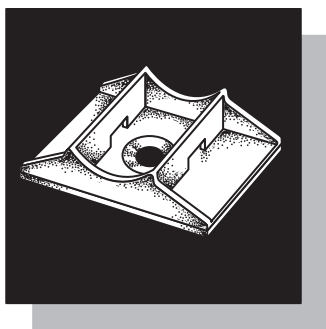
1 1/8" x 1 1/8" Mount

Std. Cat. No.	Bulk Cat. No.	Material	Mount Method	H Height		L Length		W Width		S Slot Height		S Slot Width		Std. Pkg.	Bulk Pkg.
				Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)		
MPNY-1000-9-C	-	Natural Nylon	Synthetic Polymer	.215	(5.46)	1.125	(28.58)	1.125	(28.58)	.070	(1.78)	.190	(4.83)	100	-
MPNY-1000-0-C	-	Black Nylon	Synthetic Polymer	.215	(5.46)	1.125	(28.58)	1.125	(28.58)	.070	(1.78)	.190	(4.83)	100	-
MPNY-1000A-9-C	-	Natural Nylon	Acrylic Adhesive	.215	(5.46)	1.125	(28.58)	1.125	(28.58)	.070	(1.78)	.190	(4.83)	100	-
MPNY-1000A-0-C	-	Black Nylon	Acrylic Adhesive	.215	(5.46)	1.125	(28.58)	1.125	(28.58)	.070	(1.78)	.190	(4.83)	100	-
MPNY-1000S-9-C	MPNY-1000S-9-D	Natural Nylon	#6 Screw	.215	(5.46)	1.125	(28.58)	1.125	(28.58)	.070	(1.78)	.190	(4.83)	100	1000
MPNY-1000S-0-C	MPNY-1000S-0-D	Black Nylon	#6 Screw	.215	(5.46)	1.125	(28.58)	1.125	(28.58)	.070	(1.78)	.190	(4.83)	100	1000
Tolerance ±				.010	(.254)	.015	(.381)			.010	(.254)				

For use with 18-50 lb. Cable Ties.

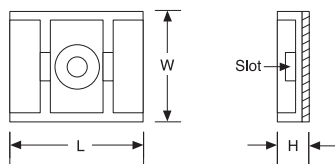
- Mounting Surface should be cleaned with alcohol based (IPA) cleaner before application.
- Acrylic Based may be repositioned initially. Allow 24-72 hours set-up for maximum performance with Acrylic Based adhesives.
- For rubber based, allow 15 minutes set-up for maximum performance.

Cable Tie Mounting Bases

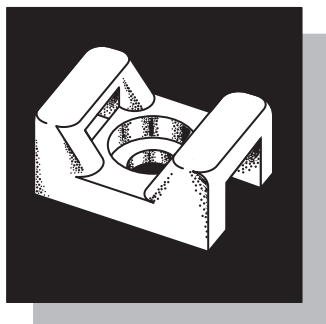


Mounting Cradle

- Accepts cable ties to 50# tensile (miniature through standard).
- Supplied on closed cell foam with synthetic polymer “rubber” based adhesive.
- Use #6 self-tapping screw for added strength if desired.
- UL Flammability 94 V-2 (mount).
- Mount molded in 6/6 Natural Nylon.

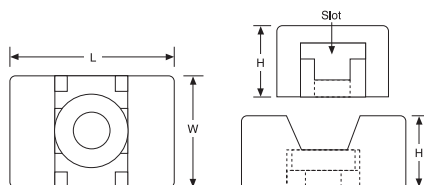


Cat. No.	Material	H Height		L Length		W Width		Slot Height		Slot Width		Mount Method	Bulk Pkg.
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)		
MCNY-1250-9-D	Natural Nylon	.285	(7.24)	1.250	(31.73)	1.000	(25.40)	.090	(2.29)	.300	(7.62)	Adhesive	500
MCNY-1250-9-C	Natural Nylon	.285	(7.24)	1.250	(31.73)	1.000	(25.40)	.090	(2.29)	.300	(7.62)	Adhesive	100
Tolerance ±		.010	(.254)		.015	(.381)		.010	(.254)				



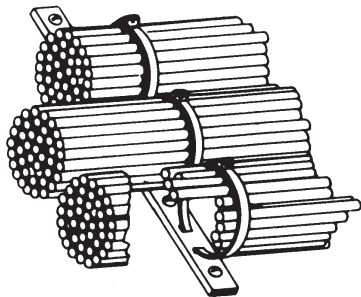
Screw Mount

- SMNY-001 accepts cable ties to 50# Tensile (miniature through standard).
- SMNY-002 accepts cable ties to 120# Tensile (miniature through heavy duty).
- Use #4, #6, #8 or #10 machine screw (as referenced) to apply.
- Stocked in 6/6 Natural or heat stabilized Black Nylon.
- UL Flammability 94 V-2.



Cat. No.	Material	H Height		L Length		W Width		Slot Height		Slot Width		Mount Method	Bulk Pkg.
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)		
SMNY-000-9-D	Natural Nylon	.270	(6.86)	.570	(14.48)	.340	(8.64)	.070	(1.78)	.120	(3.10)	#4 Screw	500
SMNY-001-9-D	Natural Nylon	.280	(7.11)	.600	(15.24)	.385	(9.77)	.060	(1.52)	.200	(5.08)	#6, #8 Screw	500
SMNY-002-9-C	Natural Nylon	.390	(9.90)	.875	(22.22)	.625	(15.87)	.090	(2.29)	.325	(8.26)	#8, #10 Screw	100
SMNY-002-9-D	Natural Nylon	.390	(9.90)	.875	(22.22)	.625	(15.87)	.090	(2.29)	.325	(8.26)	#8, #10 Screw	500
SMNY-001-0-D	Heat Stabilized Black Nylon	.280	(7.11)	.600	(15.24)	.385	(9.77)	.060	(1.52)	.200	(5.08)	#6, #8 Screw	500
SMNY-002-0-C	Heat Stabilized Black Nylon	.390	(9.90)	.875	(22.22)	.625	(15.87)	.090	(2.29)	.325	(8.26)	#8, #10 Screw	100
SMNY-002-0-D	Heat Stabilized Black Nylon	.390	(9.90)	.875	(22.22)	.625	(15.87)	.090	(2.29)	.325	(8.26)	#8, #10 Screw	500
Tolerance ±						.015	(.381)						

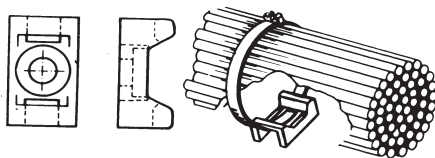
Cable Tie Mounting Bases



Multiple-Bundle Mounting Strips

Bulk Cat. No.	Mounting Method	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Capacity (bundles)	Mil. Std. Part No.	Bulk Pkg.
TC1101	#6 screws	.190	.500	1.75	1	MS3339-1	100
TC1102	#6 screws	.190	.500	3.00	2	MS3339-2	100
TC1103	#6 screws	.190	.500	4.25	3	MS3339-3	100
TC1104	#6 screws	.190	.500	5.50	4	MS3339-4	100
TC1105	#6 screws	.190	.500	6.75	5	MS3339-5	100
TC1112	#6 screws	.301	.625	9.60	6	MS3339-11	100
TC1113	#6 screws	.301	.625	2.10	6	MS3339-6	100
TC1114	#6 screws	.301	.625	3.60	2	MS3339-7	100
TC1115	#6 screws	.301	.625	5.10	3	MS3339-8	100
TC1116	#6 screws	.301	.625	6.60	4	MS3339-9	100
TC1117	#6 screws	.301	.625	8.10	5	MS3339-10	100

These nylon mounting strips for parallel installation of wire bundles can accommodate up to six closely spaced bundles.

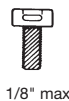


Saddle Support Base

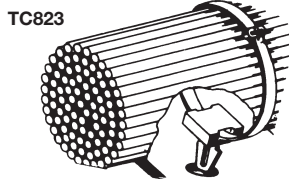
Std. Cat. No.	Bulk Cat. No.	Mounting Method	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Std. Pkg.	Bulk Pkg.
-	TC140	#4 Pan head	-	-	-	-	500
TC5141	TC141*	#6 Pan head	.190	.439	.672	100	500
TC5142	TC142	#10 Pan head	.301	.563	.922	100	500

This mounting base provides a saddle for the wire run. Ty-Rap® tie is threaded under bundle and tied in usual manner. Note: For additional materials see Technical Services.

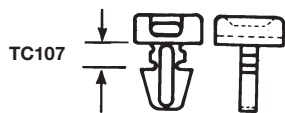
* Add suffix FR for flame retardant material. (TC141 only.)



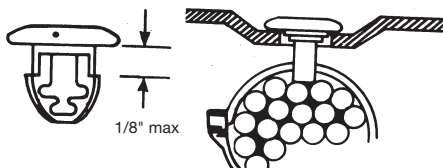
1/8" max



TC823



TC107



1/8" max

Push-In and Bolted Bases

Std. Cat. No.	Bulk Cat. No.	Mounting Hole Size	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Std. Pkg.	Bulk Pkg.
TC5823	TC823-TB	1/4	.190	.438	.625	100	1000
-	TC107 [†]	#10-32 thd	.190	.438	.688	-	1000

[†] Not Ⓢ Recognized.



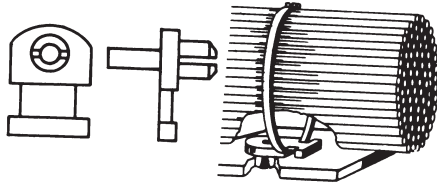
Snap-In Mounting Base Cap

Bulk Cat. No.	Mounting Hole Size	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Material	Bulk Pkg.
TC121-TB	.250	.190	.445	.415	Nylon 6/6	1000
TCH121 [†]	.250	.190	.445	.415	Nylon 6/6 heat stabilized	1000

Snap-in, premountable base for securing wire bundles in cabinets maintains the attractive external appearance of the equipment housing—TC121 Snap-Cap.

[†] Not Ⓢ Recognized.

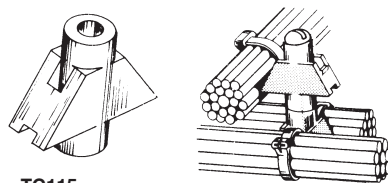
Cable Tie Mounting Bases



Self-Riveting Base

Bulk Cat. No.	Mounting Hole Size	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Material	Bulk Pkg.
TC116-TB	.146	.190	.500	.750	Nylon 6/6 (Red)	1000
TC118-TB	.169	.190	.500	.750	Nylon 6/6 (Blue)	1000
TC120	.196	.190	.500	.750	Nylon 6/6 (Yellow)	1000

Knock-in mounting base TC116-TB, TC118-TB, TC120—firmly locks into position when projecting pin is knocked into hollow peg. Slip tie under base and tie as usual.

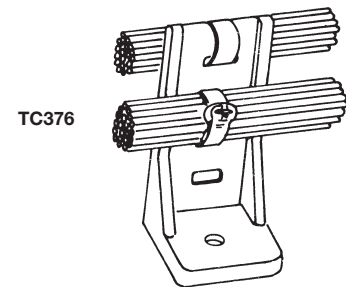


TC115

Ty-Rap® Mounting Blocks

Bulk Cat. No.	Mounting Bolt Size	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Bulk Pkg.
TC115-TB	#10	.190	.469	1.00	1000

Mounting blocks permit vertical stacking and can be used in any direction.

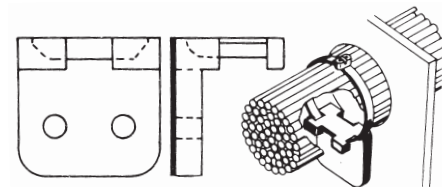


TC376

Ty-Rap® Stand-Off Brackets

Bulk Cat. No.	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Bulk Pkg.
TC375	.190	.750	3.65	100
TC376	.190	.670	1.75	100

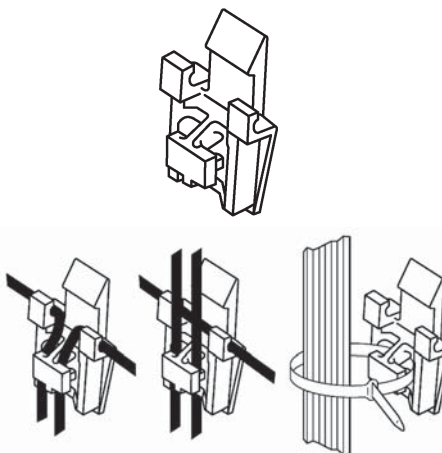
These brackets permit bundles to be mounted on either side. They also serve as means to raise bundles off the surface.



Right-Angle Bundle Support

Bulk Cat. No.	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Bulk Pkg.
TC109	.190	.563	.438	200
TC106	.301	1.000	1.000	1000

This style meets Military Specification requirements as a support at holes in bulkheads and walls.



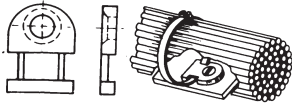
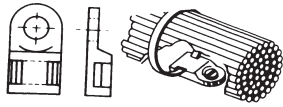
Aluminum Siding Clip

Cat. No.	Wire Accommodation
TC201	1/8" dia. wire (2 pair station wire)

Material:

- Transparent – Colour and texture of siding shows through.
- Material – Weather resistant grade polycarbonate.
- Designed to accommodate PITTSBURG INTERLOCK metal siding.
- Accommodates wires both vertically and/or horizontally.
- Provision for utilizing Ty-Rap® cable ties to secure large diameter bundles.

Cable Tie Mounting Bases

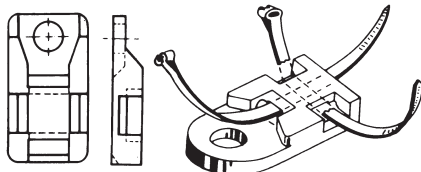


These miniature mounting bases are ideal for high-density packaging. Simply slip Ty-Rap® tie under slot in fastened mount, and complete tie in usual manner. Check chart for mounting details.

Miniature Mounting Bases

Std. Cat. No.	Bulk Pkg. Cat. No.	Mounting Method	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Std. Pkg.	Bulk Pkg.
TC502	TC102	#8 screw	.190	.500	.750	100	1000
-	TC104	#5 screw	.091	.316	.406	-	1000
-	TC804-TB	#2 screw	.091	.316	.406	-	1000
-	TC112-TB	#8 screw	.190	.375	.750	-	1000
-	TC812-TB	#10 screw	.190	.375	.750	-	1000
-	TC814-TB	#5 screw	.190	.375	.750	-	1000

Threaded insert permits screw to come from outside of mounting surface.



TC826-TB

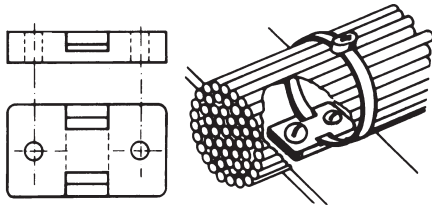
TC828-TB

Two-Direction Mounting Base

Std. Cat. No.	Bulk Pkg. Cat. No.	Mounting Method	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Std. Pkg.	Bulk Pkg.
-	TC826-TB	#8 screw	.190	.500	1	-	1000
TC5828	TC828-TB	#8 screw	.190	.390	.875	100	1000

The TC826-TB mounting base can be used to tie bundles running parallel or perpendicular to length of base.

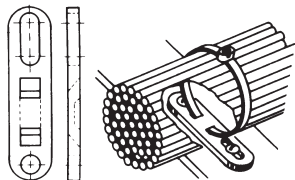
The TC828-TB mounting plate also handles ties installed in either direction and is somewhat smaller than TC826.



In-Line Base

Bulk Cat. No.	Mounting Method	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Bulk Pkg.
TC815-TB	#10 screws	.301	.750	1.125	500

A standard two-hole base that installs in-line with the wire bundle which conceals it.

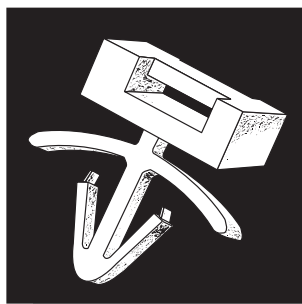


Single-Bundle Mounting Base

Std. Cat. No.	Bulk Cat. No.	Mounting Method	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Std. Pkg.	Bulk Pkg.
-	TC101	#10 screws	.190	.500	2.00	-	1000
TC503	TC103	1/4 screws	.301	.625	3.08	100	500

The TC101 and TC103 nylon bases provide a mounting range for bundles from 1/4" through 4" in diameter. One mounting hole is slotted to permit adjustment of the bundle position up to the time of actual bundle installation.

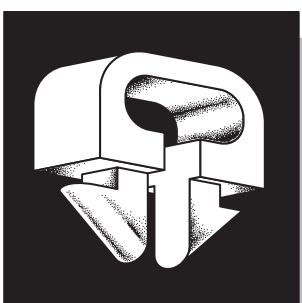
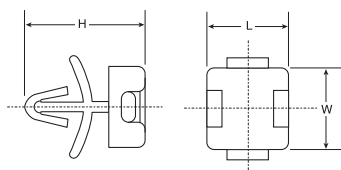
Cable Tie Mounting Bases



Push Mounts

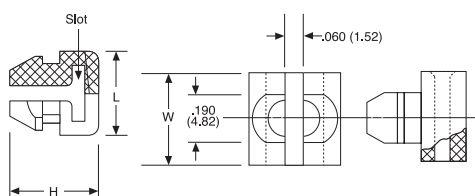
PMNY-185

- Versatile push mount for cable ties to 50# tensile strength.
- For use in .187 / .192 mounting hole for panel thickness .030 to .080.
- Stocked in 6/6 Natural Nylon.
- UL Flammability: 94 V-2.
- Oxygen index: 31.

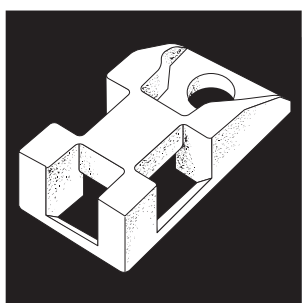


PMNY-245

- Accepts cable ties to 50# tensile (miniature through standard).
- For use in .250" mounting hole for maximum panel thickness of .062".
- Stocked in 6/6 Natural Nylon.
- UL Flammability 94 V-2.
- Oxygen index: 31.

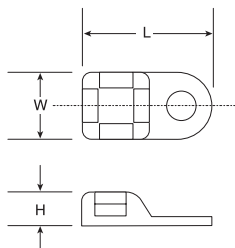


Cat. No.	Material	H Height		L Length		W Width		Slot Height		Slot Width		Bulk Pkg.
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	
PMNY-185-9-D	Natural Nylon	.640	(16.26)	.430	(10.92)	.430	(10.92)	.065	(1.65)	.065	(1.65)	500
PMNY-245-9-D		.355	(9.01)	.320	(8.12)	.320	(8.12)	.050	(1.27)	.220	(5.59)	500
Tolerance ±					.010		(.254)					



4-Way Mount

- 4-Way screw mounts for cable ties to 50# tensile strength.
- Mount with #6 or #8 screws.
- Available in 6/6 Natural Nylon.
- UL Flammability: 94 V-2.



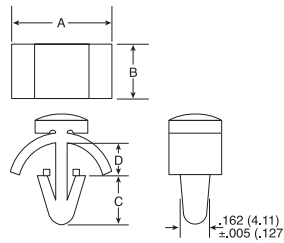
Cat. No.	Height	Length	Width	Slot Width	Mount Dia.	Bulk Pkg.
SMNY-220-9-D	.230	.950	.500	.220	.170	500
Tolerance ±			.015			

Cable Clamps and Clips

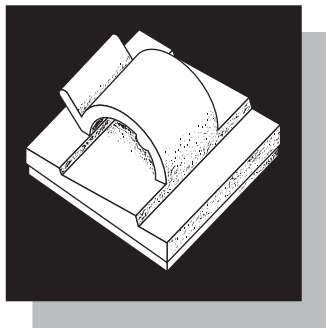


Snap Mounts

- For panel thicknesses from .060" to .150" to hold separate pieces of material together.
- Used with W4 or N4 Series Cable Clamps; allowable panel thickness is .030" to .050".
- Stocked in Natural 6/6 Nylon.
- UL Flammability 94 V-2.

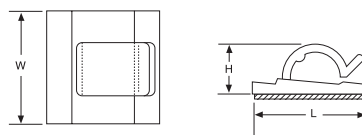


Cat. No.	Material	A		B		C		D		Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)	Inch	(mm)	inch	(mm)	
MSNY-166-0-M	UV Black Nylon	.485	(12.32)	.312	(7.93)	.281	(7.14)	.180	(4.57)	1000
Tolerance ±				.010		(.254)				



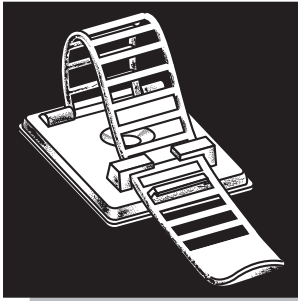
Round Adhesive Clips

- Diverse cable clamps for bundle diameters from .160 to .620.
- Mounted on a rubber based closed cell foam adhesive.
- Natural nylon.
- UL Flammability 94 V-2 (clip).
- Flexible center tang for removal or addition of cables.



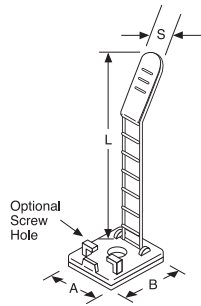
Cat. No.	Material	H Height		L Length		W Width		Maximum Bundle	Mounting Method	Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)	Inch	(mm)			
RANY-160-9-D	Natural Nylon	.250	(6.35)	.630	(16.00)	.580	(14.73)	.160	Rubber Based Adhesive	500
RANY-280-9-D	Natural Nylon	.410	(10.41)	1.000	(25.40)	1.000	(25.40)	.280	Rubber Based Adhesive	500
RANY-530-9-D	Natural Nylon	.620	(15.75)	1.000	(25.40)	1.000	(25.40)	.530	Rubber Based Adhesive	500
RANY-620-9-D	Natural Nylon	.560	(14.22)	1.250	(31.75)	1.120	(28.45)	.620	Rubber Based Adhesive	500
Tolerance ±			.015		(.381)					

Cable Clamps and Clips

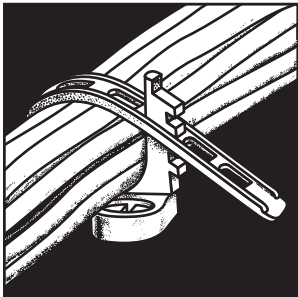


Adjustable Cable Clamps

- Three sizes for bundles from .118" to .984".
- Ladder style fastener is easily released and refastened.
- Supplied "single-cut" on a rubber based closed cell foam adhesive.
- Stocked in 6/6 Grey Nylon.
- UL Flammability 94 V-2 (clip).
- Optional screw hole for #4 or #5 flat head screw.

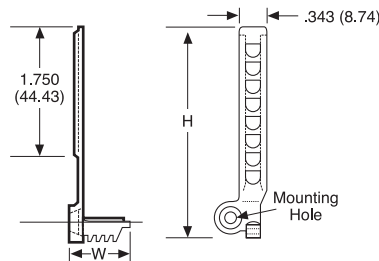


Cat. No.	Material	A		B		S		L		Applied Wire Range	Screw Hole Dia.		Std. Pkg.
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)		Inch	(mm)	
ULNY-013-8-C	Grey Nylon	.709	(18.00)	.984	(25.00)	.314	(8.00)	2.340	(59.50)	.118 - .500	.110	(2.79)	100
ULNY-018-8-C	Grey Nylon	.827	(21.00)	1.180	(30.00)	.472	(12.00)	3.120	(79.40)	.197 - .827	.110	(2.79)	100
ULNY-023-8-C	Grey Nylon	.984	(25.00)	1.380	(35.00)	.551	(14.00)	3.370	(85.50)	.275 - .984	.135	(3.43)	100
Tolerance ±			.015	(.381)		.010	(.254)		.030	(.762)			



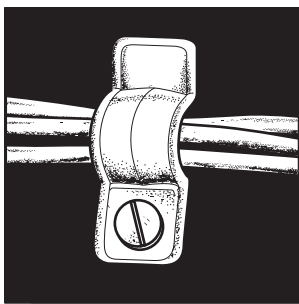
Tab-Lock Cable Clamps

- Adjustable cable clamp for diameters to 3/4".
- Releasable and reusable. Add or remove wires from bundles as required.
- #6 or #8 82° flat head machine screw to mount.
- Stocked in 6/6 Natural Nylon.
- UL Flammability 94 V-2.



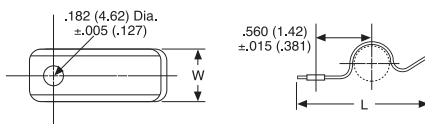
Cat. No.	Material	H Height		W Width		Adjustable Diameter	Mounting Method	Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)			
TBNY-750-9-M	Natural Nylon	2.833	(71.96)	.850	(21.59)	.375 - .750 (9.52 - 19.05)	#6, #8 Flat Head Screw	1000
Tolerance ±			.030	(.762)		.015	(.381)	

Cable Clamps and Clips



Flex Clips

- Utilizes nylon's "memory" to retain original shape even after repeated use.
- Ideal for temporary applications.
- Mounts with one #8 machine screw.
- Stocked in Natural 6/6 Nylon.
- UL Flammability 94 V-2.

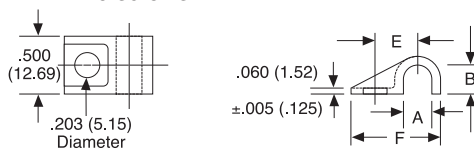


Cat. No.	Material	L Length		W Width		Max. Cable Diameter		Mounting Method	Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)	Inch	(mm)		
FCNY-312-9-M	Natural Nylon	1.350	(34.29)	.500	(12.69)	.312	(7.93)	#8 Screw	1000
Tolerance ±		.020	(.508)	.015	(.381)				



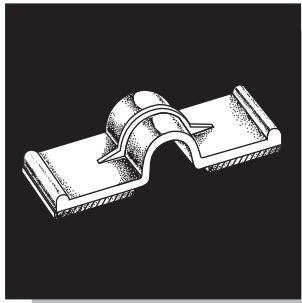
Half Clamps

- Rugged clamps with reinforced side panels for bundle diameters to .484".
- 203 mounting hole accepts #6 through #10 screws.
- Stocked in 6/6 Natural and heat stabilized Black Nylon.
- UL Flammability 94 V-2.



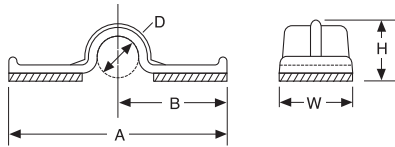
Cat. No.	Material	A		B		E		F		Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)	Inch	(mm)	inch	(mm)	
CPNY-115-9-M	Natural Nylon	.115	(2.92)	.115	(2.92)	.314	(7.98)	.675	(17.15)	1000
CPNY-172-9-M	Natural Nylon	.172	(4.36)	.172	(4.36)	.336	(8.53)	.732	(18.59)	1000
CPNY-234-9-M	Natural Nylon	.234	(5.94)	.234	(5.94)	.370	(9.40)	.793	(20.14)	1000
CPNY-297-9-M	Natural Nylon	.297	(7.54)	.297	(7.54)	.400	(10.16)	.859	(21.82)	1000
CPNY-422-9-M	Natural Nylon	.422	(10.71)	.422	(10.71)	.470	(11.94)	.980	(24.89)	1000
CPNY-484-9-M	Natural Nylon	.484	(12.29)	.484	(12.29)	.500	(12.69)	1.044	(26.52)	1000
CPNY-115-0-M	Heat Stabilized Black Nylon	.115	(2.92)	.115	(2.92)	.314	(7.98)	.675	(17.15)	1000
CPNY-172-0-M	Heat Stabilized Black Nylon	.172	(4.36)	.172	(4.36)	.336	(8.53)	.732	(18.59)	1000
CPNY-234-0-M	Heat Stabilized Black Nylon	.234	(5.94)	.234	(5.94)	.370	(9.40)	.793	(20.14)	1000
CPNY-297-0-M	Heat Stabilized Black Nylon	.297	(7.54)	.297	(7.54)	.400	(10.16)	.859	(21.82)	1000
CPNY-359-0-M	Heat Stabilized Black Nylon	.359	(9.11)	.359	(9.11)	.435	(11.05)	.920	(23.37)	1000
CPNY-422-0-M	Heat Stabilized Black Nylon	.422	(10.71)	.422	(10.71)	.470	(11.94)	.980	(24.89)	1000
Tolerance ±			.010	(.254)			.015	(.381)		

Cable Clamps and Clips

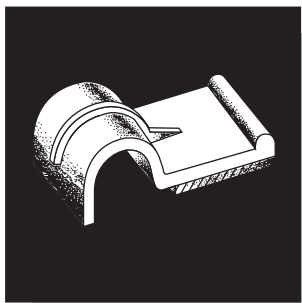


Press Clips

- 4 Sizes to accommodate bundles up to 1/2".
- Clips are provided on a rubber based closed cell foam adhesive.
- Stocked in 6/6 Natural Nylon. Contact factory for availability in special materials.
- UL Flammability 94 V-2 (clip).

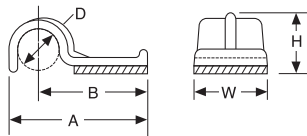


Cat. No.	Material	D Diameter		A		B		H		W		Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	
PCNY-125-9-D	Natural Nylon	.125	(3.17)	.760	(19.30)	.380	(9.65)	.211	(5.36)	.375	(9.52)	500
PCNY-250-9-D	Natural Nylon	.250	(6.35)	1.380	(35.05)	.690	(17.52)	.324	(8.23)	.500	(12.69)	500
PCNY-375-9-D	Natural Nylon	.375	(9.52)	1.470	(37.32)	.735	(18.61)	.444	(11.29)	.625	(15.87)	500
PCNY-500-9-D	Natural Nylon	.500	(12.69)	1.590	(40.57)	.795	(20.19)	.585	(14.85)	.750	(19.05)	500
Tolerance ±		.010	(.254)	.020	(.508)			.010	(.254)			



Half Press Clips

- 4 Sizes to accommodate bundles up to 1/2".
- Clips are provided on a rubber based closed cell foam adhesive.
- Stocked in 6/6 Natural Nylon. Contact factory for availability in special materials.
- UL Flammability 94 V-2 (clip).



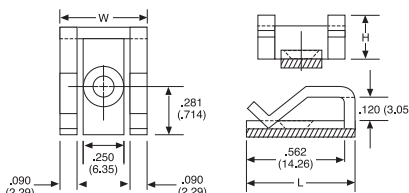
Cat. No.	Material	D Diameter		A		B		H		W		Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	
HCNY-125-9-M	Natural Nylon	.125	(3.17)	.493	(12.52)	.380	(9.65)	.180	(4.57)	.375	(9.52)	1000
HCNY-250-9-M	Natural Nylon	.250	(6.35)	.865	(21.97)	.690	(17.52)	.325	(8.25)	.500	(12.69)	1000
HCNY-375-9-M	Natural Nylon	.375	(9.52)	.980	(24.88)	.750	(19.05)	.415	(10.54)	.625	(15.87)	1000
HCNY-500-9-M	Natural Nylon	.500	(12.69)	1.110	(28.19)	.820	(20.83)	.560	(14.22)	.750	(19.05)	1000
Tolerance ±		.010	(.254)	.020	(.508)			.010	(.254)			

Cable Clamps and Clips

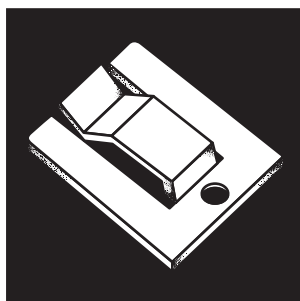


Flat Cable Clips

- Low profile clip for single or multiple layers of flat ribbon cable.
- FANY supplied on a rubber based closed cell foam adhesive.
- Screw mountable with a #4 flat head screw.
- Flexible tangs allow for easy removal and replacement of desired cable.
- Stocked in 6/6 Natural Nylon.
- UL Flammability 94 V-2 (clip).

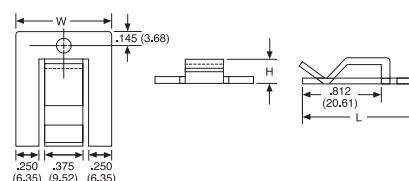


Cat. No.	Material	H Height		L Length		W Width		Mounting Method	Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)	Inch	(mm)		
FANY-562-9-D	Natural Nylon	.264	(6.70)	.625	(15.87)	.500	(12.69)	Adhesive	500
FSNY-562-9-D	Natural Nylon	.233	(5.92)					#4 Screw	500
Tolerance ±		.010	(.254)		.015	(.381)			



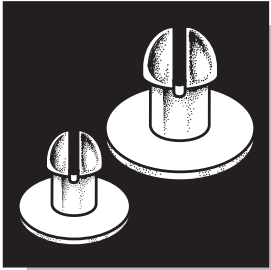
Flat Cable Screw Clip

- Flat ribbon cable clamp with mounting hole for #8 screw.
- Stocked in Natural 6/6 Nylon.
- Flexible center tang allows for easy removal and replacement of desired cable.
- UL Flammability 94 V-2.



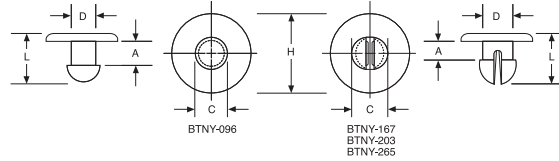
Cat. No.	Material	H Height		L Length		W Width		Mounting Method	Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)	Inch	(mm)		
FSNY-812-9-D	Natural Nylon	.250	(3.17)	1.187	(30.15)	1.000	(25.40)	#8 Screw	500
Tolerance ±		.010	(.254)		.015	(.381)			

Cable Clamps and Clips



Stud Buttons

- Utilize nylon's "memory" to retain original shape after compression.
- Part numbers contain recommended mounting hole diameters.
- For use with Catamount™ strapping or panel thickness through .165" with mounting holes through #1/4.
- Stocked in heat stabilized Black Nylon for high heat applications.
- UL Flammability 94 V-2.

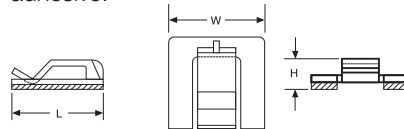


Cat. No.	H Head Dia.		A		C		D		L		Bulk Pkg. Qty.
	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	
BTNY-167-0-D	.343	(8.71)	.125	(3.17)	.202	(5.13)	.165	(4.19)	.297	(7.54)	500
BTNY-203-0-D	.468	(11.88)	.156	(3.96)	.238	(6.04)	.200	(5.08)	.359	(9.11)	500
BTNY-265-0-D	.580	(14.73)	.171	(4.34)	.300	(7.62)	.260	(6.60)	.410	(10.41)	500
Tolerance ±					.010	(.254)					

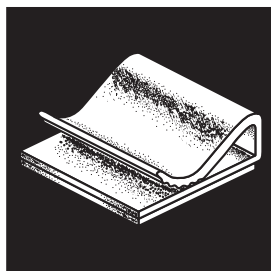


Flat Adhesive Clips

- Low profile clip for single or multiple layers of flat ribbon cable.
- Supplied on a rubber based closed cell foam adhesive.
- Flexible center tang for removal or addition of cables.
- Stocked in 6/6 Natural Nylon.
- UL Flammability 94 V-2 (clip).

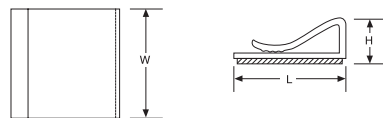


Cat. No.	Material	H Height		L Length		W Width		Mounting Method	Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)	Inch	(mm)		
FANY-812-9-D	Natural Nylon	.281	(7.14)	1.000	(25.40)	1.000	(25.40)	Adhesive	500
Tolerance ±		.010	(.254)	.015	(.381)				



Flat PVC Clips

- Low profile clip for single or multiple layers of flat ribbon cable.
- "Single-Cut" on a rubber based closed cell foam adhesive.
- Grey PVC.
- UL Flammability 94 V-0 (clip).



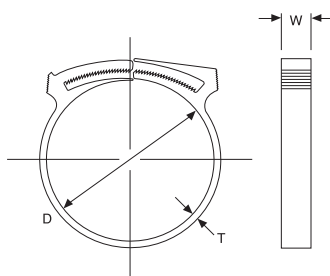
Cat. No.	Material	H Height		L Length		W Width		Mounting Method	Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)	Inch	(mm)		
FRPV-1000-8-D	Grey PVC	.415	(5.84)	1.062	(26.97)	1.000	(25.40)	Adhesive	500
Tolerance ±		.015	(.381)	.030	(.762)	.015	(.381)		

Cable Clamps and Clips



Gator Grip Hose Clamp

- 16 sizes for bundle diameters to 2-3/8".
- Removable and reusable. Twist by hand or with pliers to remove.
- Stocked in black Nylon. 100 pieces per package.
- UL Flammability 94 V-2.
- Request samples for testing to your application. Tested to 250 PSI.



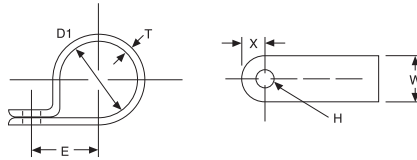
Cat. No.	D Nominal Diameter		D1 Closed Diameter		T Thickness		W Width		Bulk Pkg. Qty.
	Inch	(mm)	Inch	(mm)	Inch	(mm)	inch	(mm)	
GGNY-344-0-C	13/32	(10.32)	11/32	(8.73)	.070	(1.8)	.220	(5.6)	100
GGNY-406-0-C	15/32	(11.92)	13/32	(10.32)	.070	(1.8)	.220	(5.6)	100
GGNY-468-0-C	17/32	(13.49)	15/32	(11.91)	.070	(1.8)	.220	(5.6)	100
GGNY-531-0-C	19/32	(15.08)	17/32	(13.49)	.070	(1.8)	.220	(5.6)	100
GGNY-593-0-C	21/32	(16.67)	19/32	(15.08)	.070	(1.8)	.220	(5.6)	100
GGNY-672-0-C	13/16	(20.64)	43/64	(17.07)	.070	(1.8)	.220	(5.6)	100
GGNY-750-0-C	7/8	(22.23)	3/4	(19.05)	.070	(1.8)	.220	(5.6)	100
GGNY-875-0-C	1	(25.40)	7/8	(22.23)	.070	(1.8)	.220	(5.6)	100
GGNY-953-0-C	13/32	(27.78)	61/64	(24.21)	.070	(1.8)	.310	(7.9)	100
GGNY-1031-0-C	1-13/16	(30.16)	1-1/32	(26.19)	.070	(1.8)	.310	(7.9)	100
GGNY-1250-0-C	1-7/16	(36.51)	1-1/4	(31.75)	.070	(1.8)	.360	(9.1)	100
GGNY-1406-0-C	1-5/8	(41.28)	1-13/32	(35.72)	.070	(1.8)	.360	(9.1)	100
GGNY-1593-0-C	1-13/16	(46.04)	1-19/32	(40.48)	.070	(1.8)	.360	(9.1)	100
GGNY-1687-0-C	1-29/32	(48.42)	1-11/16	(42.86)	.070	(1.8)	.360	(9.1)	100
GGNY-1875-0-C	2-1/8	(53.98)	1-7/8	(47.63)	.070	(1.8)	.400	(10.2)	100
GGNY-2125-0-C	2-1/8	(60.33)	2-3/8	(53.98)	.070	(1.8)	.400	(10.2)	100
Tolerance ±			.010 (.254)						

Cable Clamps and Clips



Plain Edge Cable Clamps

- Fully radiused inside edges with size markings in inches and millimeters for easy identification.
- Stocked in Natural White and Black 6/6 Nylon.
- 18 diameters and 2 widths with mounting holes for #4 through #10 screws.
- Plain edge cable clamps are designed to perform to NAS-1397P.



*Note: "C" Also 100 packs available. Replace "-M" with "-C" for 100 pack.

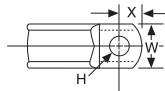
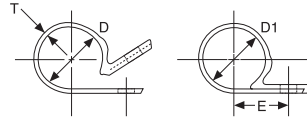
Cat. No.		D1 Closed Diameter		E		T Thickness		W Width		H Hole Diameter		X		Bulk Pkg. Qty.
White	Black	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	
N4NY-002-9-M	N4NY-002-0-M	.125	(3.2)	.343	(8.7)	.050	(1.3)	.375	(9.5)	.170	(4.3)	.218	(5.5)	1000
N4NY-003-9-M	N4NY-003-0-M	.187	(4.8)	.378	(9.6)	.050	(1.3)	.375	(9.5)	.170	(4.3)	.218	(5.5)	1000
N4NY-004-9-M	N4NY-004-0-M	.250	(6.4)	.421	(10.7)	.050	(1.3)	.375	(9.5)	.170	(4.3)	.218	(5.5)	1000
N4NY-005-9-M	N4NY-005-0-M	.312	(7.9)	.441	(11.2)	.050	(1.3)	.375	(9.5)	.170	(4.3)	.218	(5.5)	1000
N4NY-006-9-M	N4NY-006-0-M	.375	(9.5)	.464	(11.8)	.050	(1.3)	.375	(9.5)	.170	(4.3)	.218	(5.5)	1000
N4NY-007-9-M	N4NY-007-0-M	.437	(11.1)	.500	(12.7)	.050	(1.3)	.375	(9.5)	.170	(4.3)	.218	(5.5)	1000
N4NY-008-9-M	N4NY-008-0-M	.500	(12.7)	.530	(13.5)	.050	(1.3)	.375	(9.5)	.170	(4.3)	.218	(5.5)	1000
N4NY-002B-9-M	N4NY-002B-0-M	.125	(3.2)	.343	(8.7)	.050	(1.3)	.375	(9.5)	.203	(5.2)	.218	(5.5)	1000
N4NY-003B-9-M	N4NY-003B-0-M	.187	(4.8)	.378	(9.6)	.050	(1.3)	.375	(9.5)	.203	(5.2)	.218	(5.5)	1000
N4NY-004B-9-M	N4NY-004B-0-M	.250	(6.4)	.421	(10.7)	.050	(1.3)	.375	(9.5)	.203	(5.2)	.218	(5.5)	1000
N4NY-005B-9-M	N4NY-005B-0-M	.312	(7.9)	.441	(11.2)	.050	(1.3)	.375	(9.5)	.203	(5.2)	.218	(5.5)	1000
N4NY-006B-9-M	N4NY-006B-0-M	.375	(9.5)	.464	(11.8)	.050	(1.3)	.375	(9.5)	.203	(5.2)	.218	(5.5)	1000
N4NY-007B-9-M	N4NY-007B-0-M	.437	(11.1)	.500	(12.7)	.050	(1.3)	.375	(9.5)	.203	(5.2)	.218	(5.5)	1000
N4NY-008B-9-M	N4NY-008B-0-M	.500	(12.7)	.530	(13.5)	.050	(1.3)	.375	(9.5)	.203	(5.2)	.218	(5.5)	1000
N6NY-004C-9-M	N6NY-004C-0-M	.250	(6.4)	.437	(11.1)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-005C-9-M	N6NY-005C-0-M	.312	(7.9)	.474	(12.0)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-006C-9-M	N6NY-006C-0-M	.375	(9.5)	.500	(12.7)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-007C-9-M	N6NY-007C-0-M	.437	(11.1)	.533	(13.5)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-008C-9-M	N6NY-008C-0-M	.500	(12.7)	.553	(14.1)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-009-9-M	N6NY-009-0-M	.562	(14.3)	.603	(15.3)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-010-9-M	N6NY-010-0-M	.625	(15.9)	.625	(15.9)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-011-9-M	N6NY-011-0-M	.687	(17.4)	.665	(16.9)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-012-9-M	N6NY-012-0-M	.750	(19.1)	.699	(17.8)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-013-9-M	N6NY-013-0-M	.812	(20.6)	.765	(19.9)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-014-9-M	N6NY-014-0-M	.875	(22.2)	.795	(20.2)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-016-9-M	N6NY-016-0-M	1.000	(25.4)	.825	(20.9)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	1000
N6NY-018-9-D	N6NY-018-0-D	1.125	(28.6)	.940	(23.8)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	500
N6NY-019-9-D	N6NY-019-0-D	1.187	(30.1)	.963	(24.5)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	500
N6NY-020-9-D	N6NY-020-0-D	1.250	(31.8)	.980	(24.9)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	500
N6NY-022-9-D	N6NY-022-0-D	1.375	(34.9)	1.045	(26.5)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	500
N6NY-024-9-D	N6NY-024-0-D	1.500	(38.1)	1.114	(28.3)	.060	(1.5)	.500	(12.7)	.203	(5.2)	.218	(5.5)	500
Tolerance ±		.010 (.254)	.030 (.762)	.005 (.127)	.015 (.381)	.010 (.254)	.030 (.762)							

Cable Clamps and Clips



Self-Aligning Cable Clamps

- Molded-in saddle washer enhances performance and appearance.
- Self-Alignment feature makes this clamp ideal for assembly applications.



- 14 diameters and 2 widths with mounting holes for #4 through #10 screws.
- UL Flammability W.NY 94 V-2; W.TZ 94 V-0.
- Stocked in Natural and heat stabilized black 6/6 Nylon, and Fluoropolymer for highest heat applications.
- Item numbers molded-in for easy identification.

Cat. No.	Material	D Nominal Diameter		D1 Closed Diameter		E		T Thickness		W Width		H Hole Diameter		X	Bulk Pkg. Qty.	
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)			
W4NY-125-9-M	Natural Nylon	.125	(3.17)	.114	(2.89)	.333	(8.46)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.257	(6.53)	1000
W4NY-187-9-M	Natural Nylon	.187	(4.76)	.172	(4.36)	.355	(9.02)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.218	(5.53)	1000
W4NY-250-9-M	Natural Nylon	.250	(6.34)	.234	(5.94)	.382	(9.70)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.190	(4.83)	1000
W4NY-312-9-M	Natural Nylon	.312	(7.93)	.297	(7.54)	.422	(10.71)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.205	(5.21)	1000
W4NY-375-9-M	Natural Nylon	.375	(9.52)	.359	(9.11)	.454	(11.53)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.210	(5.33)	1000
W4NY-500-9-M	Natural Nylon	.500	(12.69)	.484	(12.29)	.490	(12.45)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.266	(6.76)	1000
W6NY-187-9-M	Natural Nylon	.187	(4.76)	.172	(4.36)	.375	(9.52)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.241	(6.12)	1000
W6NY-250-9-M	Natural Nylon	.250	(6.34)	.234	(5.94)	.407	(10.34)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.241	(6.12)	1000
W6NY-312-9-M	Natural Nylon	.312	(7.93)	.297	(7.54)	.445	(11.30)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.280	(7.11)	1000
W6NY-375-9-M	Natural Nylon	.375	(9.52)	.359	(9.11)	.484	(12.29)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.291	(7.39)	1000
W6NY-437-9-M	Natural Nylon	.437	(11.11)	.422	(10.71)	.522	(13.25)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.263	(6.68)	1000
W6NY-500-9-M	Natural Nylon	.500	(12.69)	.484	(12.29)	.560	(14.22)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.272	(6.91)	1000
W6NY-562-9-M	Natural Nylon	.562	(14.28)	.547	(13.90)	.657	(16.68)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.236	(5.99)	1000
W6NY-625-9-M	Natural Nylon	.625	(15.87)	.609	(15.46)	.637	(16.17)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.290	(7.37)	1000
W6NY-687-9-M	Natural Nylon	.687	(17.46)	.672	(17.06)	.694	(17.63)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.327	(8.31)	1000
W6NY-750-9-M	Natural Nylon	.750	(19.04)	.734	(18.64)	.726	(18.44)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.326	(8.28)	1000
W6NY-812-9-M	Natural Nylon	.812	(20.63)	.797	(20.24)	.776	(19.71)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.323	(8.20)	1000
W6NY-875-9-D	Natural Nylon	.875	(22.22)	.859	(21.81)	.733	(18.62)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.310	(7.87)	500
W6NY-1000-9-D	Natural Nylon	1.000	(25.39)	.984	(24.99)	.881	(22.38)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.292	(7.42)	500
W6NY-1250-9-D	Natural Nylon	1.250	(31.73)	1.227	(31.16)	1.010	(25.65)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.339	(8.61)	500
W4NY-125-0-M	Heat Stabilized Black Nylon	.125	(3.17)	.114	(2.89)	.333	(8.46)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.257	(6.53)	1000
W4NY-187-0-M	Heat Stabilized Black Nylon	.187	(4.76)	.172	(4.36)	.355	(9.02)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.218	(5.53)	1000
W4NY-250-0-M	Heat Stabilized Black Nylon	.250	(6.34)	.234	(5.94)	.382	(9.70)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.190	(4.83)	1000
W4NY-312-0-M	Heat Stabilized Black Nylon	.312	(7.93)	.297	(7.54)	.422	(10.71)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.205	(5.21)	1000
W4NY-375-0-M	Heat Stabilized Black Nylon	.375	(9.52)	.359	(9.11)	.454	(11.53)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.210	(5.33)	1000
W4NY-500-0-M	Heat Stabilized Black Nylon	.500	(12.69)	.484	(12.29)	.490	(12.45)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.266	(6.76)	1000
W6NY-187-0-M	Heat Stabilized Black Nylon	.187	(4.76)	.172	(4.36)	.375	(9.52)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.241	(6.12)	1000
W6NY-250-0-M	Heat Stabilized Black Nylon	.250	(6.34)	.234	(5.94)	.407	(10.34)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.241	(6.12)	1000
W6NY-312-0-M	Heat Stabilized Black Nylon	.312	(7.93)	.297	(7.54)	.445	(11.30)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.280	(7.11)	1000
W6NY-375-0-M	Heat Stabilized Black Nylon	.375	(9.52)	.359	(9.11)	.484	(12.29)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.291	(7.39)	1000
W6NY-437-0-M	Heat Stabilized Black Nylon	.437	(11.11)	.422	(10.71)	.522	(13.25)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.263	(6.68)	1000
W6NY-500-0-M	Heat Stabilized Black Nylon	.500	(12.69)	.484	(12.29)	.560	(14.22)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.272	(6.91)	1000
W6NY-562-0-M	Heat Stabilized Black Nylon	.562	(14.28)	.547	(13.90)	.657	(16.68)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.236	(5.99)	1000
W6NY-625-0-M	Heat Stabilized Black Nylon	.625	(15.87)	.609	(15.46)	.637	(16.17)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.290	(7.37)	1000
W6NY-687-0-M	Heat Stabilized Black Nylon	.687	(17.46)	.672	(17.06)	.694	(17.63)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.327	(8.31)	1000
W6NY-750-0-M	Heat Stabilized Black Nylon	.750	(19.04)	.734	(18.64)	.726	(18.44)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.326	(8.28)	1000
W6NY-812-0-M	Heat Stabilized Black Nylon	.812	(20.63)	.797	(20.24)	.776	(19.71)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.323	(8.20)	1000
W6NY-875-0-D	Heat Stabilized Black Nylon	.875	(22.22)	.859	(21.81)	.733	(18.62)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.310	(7.87)	500
W6NY-1000-0-D	Heat Stabilized Black Nylon	1.000	(25.39)	.984	(24.99)	.881	(22.38)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.292	(7.42)	500
W6NY-1250-0-D	Heat Stabilized Black Nylon	1.250	(31.73)	1.227	(31.16)	1.010	(25.65)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.339	(8.61)	500
Tolerance ±					.010	(.254)	.030	(.762)	.005	(.127)	.015	(.381)	.010	(.254)	.030	(.762)

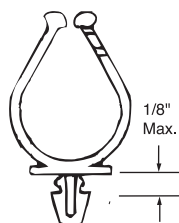
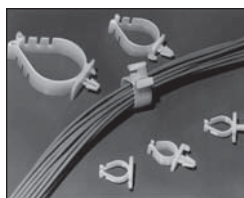
(Continued)

Cable Clamps and Clips

Self-Aligning Cable Clamps (continued) – For Extreme Applications

Cat. No.	Material	D Nominal Diameter		D1 Closed Diameter		E		T Thickness		W Width		H Hole Diameter		X		Bulk Pkg. Qty.
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	
W4TZ-125-5-D	Fluoropolymer	.125	(3.17)	.114	(2.89)	.333	(8.46)							.257	(6.53)	500
W4TZ-187-5-D	Fluoropolymer	.187	(4.76)	.172	(4.36)	.355	(9.02)							.218	(5.53)	500
W4TZ-250-5-D	Fluoropolymer	.250	(6.34)	.234	(5.94)	.382	(9.70)	.040	(1.02)	.375	(9.52)	.167	(4.24)	.190	(4.83)	500
W4TZ-312-5-D	Fluoropolymer	.312	(7.93)	.297	(7.54)	.422	(10.71)							.205	(5.21)	500
W4TZ-375-5-D	Fluoropolymer	.375	(9.52)	.359	(9.11)	.454	(11.53)							.210	(5.33)	500
W4TZ-500-5-D	Fluoropolymer	.500	(12.69)	.484	(12.29)	.490	(12.45)							.266	(6.76)	500
W6TZ-187-5-D	Fluoropolymer	.187	(4.76)	.172	(4.36)	.375	(9.52)							.241	(6.12)	500
W6TZ-250-5-D	Fluoropolymer	.250	(6.34)	.234	(5.94)	.407	(10.34)									500
W6TZ-312-5-D	Fluoropolymer	.312	(7.93)	.297	(7.54)	.445	(11.30)							.280	(7.11)	500
W6TZ-375-5-D	Fluoropolymer	.375	(9.52)	.359	(9.11)	.484	(12.29)	.060	(1.52)	.500	(12.69)	.203	(5.15)	.291	(7.39)	500
W6TZ-437-5-D	Fluoropolymer	.437	(11.11)	.422	(10.71)	.522	(13.25)							.263	(6.68)	500
W6TZ-500-5-D	Fluoropolymer	.500	(12.69)	.484	(12.29)	.560	(14.22)							.272	(6.91)	500
W6TZ-625-5-D	Fluoropolymer	.625	(15.87)	.609	(15.46)	.637	(16.17)							.290	(7.37)	500
W6TZ-750-5-D	Fluoropolymer	.750	(19.04)	.734	(18.64)	.726	(18.44)							.326	(8.28)	500
Tolerance ±	Fluoropolymer			.010	(.254)	.030	(.762)	.005	(.127)	.015	(.381)	.010	(.254)	.030	(.762)	

Harnessing Accessories

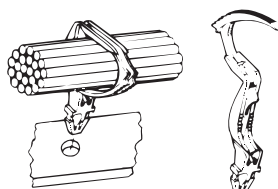


1/8" max
Snap-in 1/4" hole

Mechanical-Locking Routing Clamps

Bulk Cat. No.	Mounting Hole Size	Maximum Wire Bundle Diameter (in.)	Width (in.)	Length (in.)	Bulk Pkg.
TC88	.250	.500	.250	.891	100
TC95	.250	1.000	.500	1.590	100

The locking clamp is available in several mounting styles, as shown. This clamp acts as a retainer during wire routing and as a positive clamp when desired. Anti-rotational peg is available.

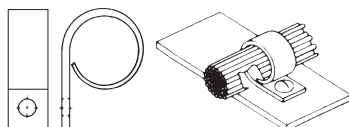


Here is an inexpensive harness clip for grouping wires in appliances, office equipment and other noncritical applications.

Designed to perform the same basic function as a cable tie in holding wires together, the new adjustable, self-locking clip requires no tools for installation. A projecting prong is simply pressed into a 1/4" hole where it compresses and locks. The simple ratchet-type lock is released by moving the locking lever.

Harness Clips

Bulk Cat. No.	Mounting Hole Size	Maximum Wire Bundle Diameter (in.)	Bulk Pkg.
HCP438	1/4	.375	1000

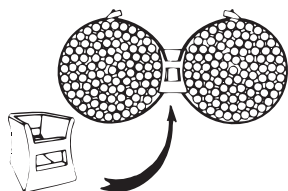
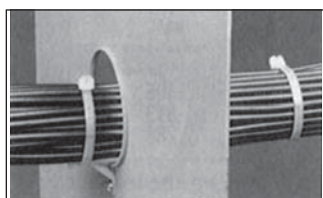
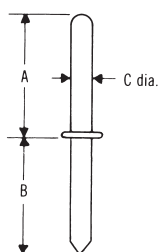
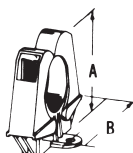
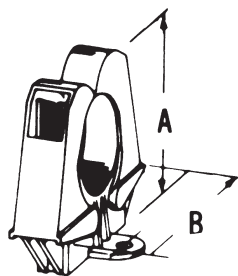


AC-loop retaining clamp is ideal to support long runs in point-to-point wiring or as a harness aid. Rigid PVC.

HBundle-Retaining Clamp

Bulk Cat. No.	Mounting Method	Maximum Wire Bundle Diameter (in.)	Width (in.)	Bulk Pkg.
TC70	#10 screw	.250	.400	100
TC71	#10 screw	.500	.400	100
TC72	#10 screw	.750	.500	100
TC73	#10 screw	1.000	.500	100
TC74	#10 screw	1.500	.500	100

Harnessing Accessories



Wire-Bundle Retainers

Bulk Cat. No.	Fastener	Maximum Wire Bundle Diameter (in.)	Width (in.)	Height (in.)	Bulk Pkg.
TC86	#6 screws	.750	1.750	1.813	25
TC87	#6 screws	1.250	2.469	2.281	10

These retainers consist of a spring-loaded clip and an elastic bundle support. Wires are inserted simply by snapping them through spring-loaded clips. Wires are held 1/4 inch above work surface for easy tying.

Harness-Board Nails

Bulk Cat. No.	A (in.)	Dimensions B (in.)	C (in.)	Bulk Pkg.
HBP34	.750	.625	.072	100
HBP-1	1.000	.625	.072	100
HBP112	1.500	.625	.082	100
HBP2	2.000	.625	.092	100
HBP212	2.500	.625	.105	100
HBP3	3.000	.625	.120	100

Hardened, nickel plated steel.



Bulkhead Bundle Support Feed-Through

Bulk Cat. No.	Mounting Method	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Bulk Pkg.
TC131	#6 screw	.190	1.115	1.890	1000

TC131 bulkhead mounting base can be installed from either side. Ties are installed through the clamp on either side of the bulkhead.

Wire-Bundle Spacer

Cat. No.	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Std. Pkg.	Bulk Pkg.
TC5339	.190	.266	.500	100	500

Mounting Bases for Heavy-Duty Applications

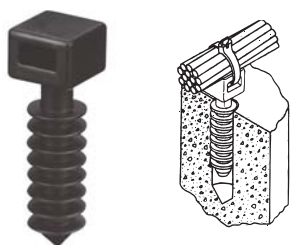


Ty-Rap® Mounting Base for Lashing Tie

Cat. No.	Mounting Method	Maximum Tie Width Accom.	Width (in.)	Length (in.)	Std. Pkg.
TC5355	#8 screw	.500	.750	1.125	25
TC5356	#10 screw	.500	.750	1.125	25
TC5357	1/4 screw	.500	.750	1.125	25

Weather-resistant nylon mounting base for use with lashing tie Cat. No. TY-5409 (.500" wide).

Ty-Rap® Mounting Base for Masonry and Brick Surfaces



Only two sizes to stock—reduces inventory
The new base features a specially designed head which is range-taking. Just two sizes can accommodate virtually all of your cable-to-masonry clamping needs.

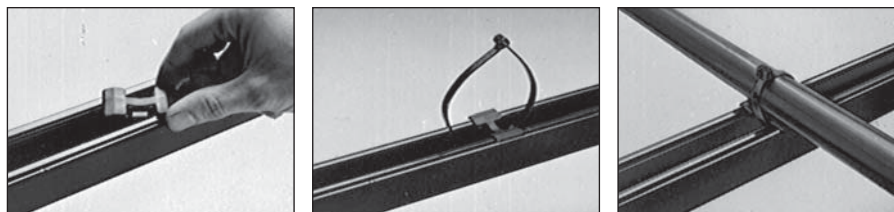
Cat. No.	Hole Size in Masonry	Maximum Tie Width Accom.	Std. Pkg.
TC5358	1/4	.190	100
TC5359	3/8	.500	50

- Quick, easy installation without adhesives or epoxies.
- Provides a quick, easy means of attaching cable and wires to masonry surfaces.
- Installs simply by tapping it into a drilled hole.
- It's immediately ready to accept a cable tie and wire bundle, no tedious surface preparation, no waiting for adhesives to set.
- Provides quick, dependable mechanical installation.
- Replaces a variety of anchors, clamps, screws, and adhesives.
- Designed for both indoor and outdoor applications made of a special impact and ultraviolet resistant black nylon, the new base is designed for both indoor and outdoor use, in addition, shelf life is indefinite because it uses no adhesives.

Framing Channel Clamp



- **Installs with a push and twist**
- **Designed for indoor or outdoor use**
- **Smooth design protects cable insulation**
- **Takes range of cable diameters**

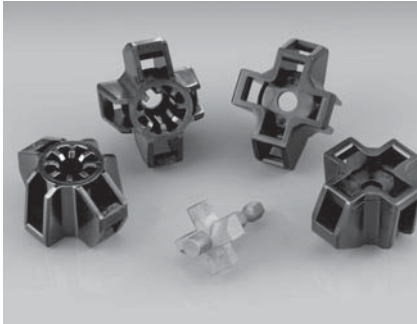


Mounting bases for heavy duty applications are made from high-impact weather-resistant nylon.

When fastening wire bundles, cables, or hoses to framing channels, you can cut costs considerably by using the Ty-Rap® cable clamp. It is made of smooth, weather-resistant nylon and designed to protect cable insulation and hoses from wear or damage as can occur with metal clamps. The clamp may be used for both indoor or outdoor applications. It installs in the framing channel with a simple push and twist. It requires no screws, nuts or tools. The clamp fits all 1-1/2" and 1-5/8" channels regardless of channel depth.

Cat. No.	Channel Size	Maximum Tie Width Accom.	Std. Pkg.
TC5363X	1.5 & 1.625	.301	50

Mounting Bases for Heavy-Duty Applications



The Stud Mount Cable Fastening System includes a range of bases and the custom drill bit which mounts all sizes.

Features and Benefits

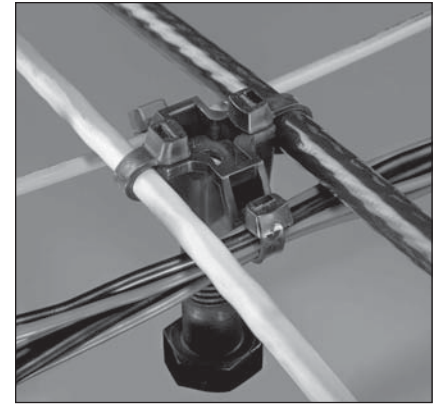
- **Fast, easy installation, using standard 3/8" power drill**
- **Custom drill bit quickly installs base to proper torque—won't crack or break mounting base due to being overtightened**
- **Unlimited harnessing flexibility using conventional T&B cable ties**
- **Unique 4-way multi-directional design**
- **10 position harness capability**
- **Available for 3/8", 1/2", 5/8", & 3/4" stud/bolt sizes**
- **Self-tapping thread design for reliable installation onto stud**
- **High pull-out strength of 500 + lb.**
- **Custom application tool for standard 3/8" power drill**
- **Material: Black 6/6 Nylon**

Fast, easy wire management to last for the long haul.

Thomas & Betts' Stud Mount Fastening System is a fast and simple harnessing method for neat, versatile wire management. Using a custom drill bit for your 3/8" power drill, the Stud Mount base is quickly attached onto a stud to the proper torque every time. The innovative "X" design of the base reliably supports many types of cable or hose assemblies using a wide range of conventional T&B cable ties. Designed with ten separate lashing positions, the Stud Mount offers unlimited wire harnessing arrangements. T&B's Stud Mount is available in four convenient stud bolt sizes.



During installation, the custom Stud Mount drill bit ejects itself from mounting base, ensuring proper torque and preventing cracking or breaking of the mount from being overtightened.

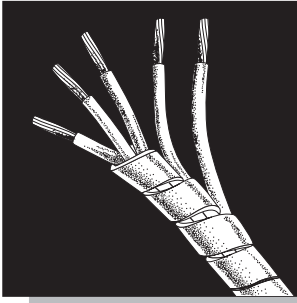


Virtually unlimited harnessing flexibility is provided in the unique 10-position harness design of the Stud Mount base.

Ordering Information

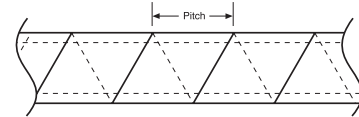
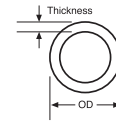
Cat. No.	Description	Stud Size	Material	Colour
XMNY-375-0-D	Mount Fastener	3/8	Nylon 6/6, UV Stabilized	Black
XMNY-500-0-D	Mount Fastener	1/2	Nylon 6/6, UV Stabilized	Black
XMNY-625-0-D	Mount Fastener	5/8	Nylon 6/6, UV Stabilized	Black
XMNY-750-0-D	Mount Fastener	3/4	Nylon 6/6, UV Stabilized	Black
WTXM	Application Tool	—	Tool Steel	—

Wire Protection Products



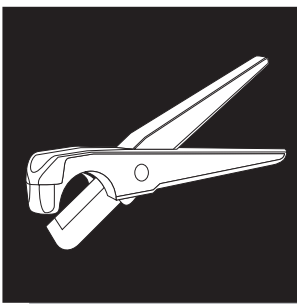
Spiral Wrap

- For protection of bundles from .063" to 7".
- Install gapped for greater flexibility or butted for maximum abrasion resistance, insulation and rigidity.
- Stocked in 3 materials including Polyethylene and 6/6 Nylon.
- a.k.a.: Reverse cut, left-hand cut, counter clockwise cut.
- Use cutting tool SR-100.



Cat. No.	Material	Outside Diameter		Pitch		Nominal Wall Thickness		Min./Max. Bundle Range				UL Flammability	
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)		
SRPE-125-9-C	Natural Polyethylene	.125	(3.2)	.210	(5.3)	.035	(0.9)	.063	(1.6)	to	0.500	(12.7)	94 HB
SRPE-187-9-C	Natural Polyethylene	.187	(4.8)	.240	(6.1)	.040	(1.0)	.125	(3.2)	to	1.500	(25.9)	94 HB
SRPE-250-9-C	Natural Polyethylene	.250	(6.4)	.375	(9.5)	.045	(1.1)	.188	(4.8)	to	2.000	(50.8)	94 HB
SRPE-375-9-C	Natural Polyethylene	.375	(9.5)	.438	(11.1)	.052	(1.3)	.313	(7.9)	to	3.000	(76.2)	94 HB
SRPE-500-9-C	Natural Polyethylene	.500	(12.7)	.563	(14.3)	.062	(1.6)	.375	(9.5)	to	4.000	(102.0)	94 HB
SRPE-625-9-C	Natural Polyethylene	.625	(15.9)	.625	(15.9)			.625	(15.9)	to	4.500	(114.3)	94 HB
SRPE-750-9-C	Natural Polyethylene	.750	(19.1)	.750	(19.1)	.065	(1.7)	.750	(19.1)	to	5.000	(127.0)	94 HB
SRPE-1000-9-C	Natural Polyethylene	1.000	(25.4)	1.110	(28.2)	.070	(1.8)	1.000	(25.4)	to	7.000	(177.8)	94 HB
SRPE-125-0-C	UV Black Polyethylene	.125	(3.2)	.210	(5.3)	.035	(0.9)	.063	(1.6)	to	0.500	(12.7)	94 HB
SRPE-187-0-C	UV Black Polyethylene	.187	(4.8)	.240	(6.1)	.040	(1.0)	.125	(3.2)	to	1.500	(25.9)	94 HB
SRPE-250-0-C	UV Black Polyethylene	.250	(6.4)	.375	(9.5)	.045	(1.1)	.188	(4.8)	to	2.000	(50.8)	94 HB
SRPE-375-0-C	UV Black Polyethylene	.375	(9.5)	.438	(11.1)	.052	(1.3)	.313	(7.9)	to	3.000	(76.2)	94 HB
SRPE-500-0-C	UV Black Polyethylene	.500	(12.7)	.563	(14.3)	.062	(1.6)	.375	(9.5)	to	4.000	(102.0)	94 HB
SRPE-625-0-C	UV Black Polyethylene	.625	(15.9)	.625	(15.9)			.625	(15.9)	to	4.500	(114.3)	94 HB
SRPE-750-0-C	UV Black Polyethylene	.750	(19.1)	.750	(19.1)	.065	(1.7)	.750	(19.1)	to	5.000	(127.0)	94 HB
SRPE-1000-0-C	UV Black Polyethylene	1.000	(25.4)	1.110	(28.2)	.070	(1.8)	1.000	(25.4)	to	7.000	(177.8)	94 HB
SRNY-250-9-C	Natural Nylon 6/6	.250	(6.4)	.375	(9.5)	.025	(.6)	.187	(4.8)	to	2.000	(50.8)	94 HB
SRNY-375-9-C	Natural Nylon 6/6	.375	(9.5)	.438	(11.1)			.312	(7.9)	to	3.000	(76.2)	94 HB
SRNY-500-9-C	Natural Nylon 6/6	.500	(12.7)	.563	(14.3)	.035	(.9)	.375	(9.5)	to	4.000	(102.0)	94 HB
SRTL-250-WH-C	*Teflon®	.250	(6.4)	.375	(9.5)	.030	(.76)	.188	(4.8)	to	2.000	(50.8)	94 V-0
SRTL-375-WH-C	*Teflon®	.375	(9.5)	.438	(11.1)	.030	(.76)	.313	(7.9)	to	3.000	(76.2)	94 V-0
SRTL-500-WH-C	*Teflon®	.500	(12.7)	.563	(14.3)	.030	(.76)	.375	(9.5)	to	4.000	(102.0)	94 V-0
SRTL-625-WH-C	*Teflon®	.625	(15.9)	.625	(15.9)	.030	(.76)	.625	(15.9)	to	4.500	(114.3)	94 V-0
SRTL-750-WH-C	*Teflon®	.750	(19.1)	.750	(19.1)	.030	(.76)	.750	(19.1)	to	5.000	(127.0)	94 V-0
Tolerance ±		.030	(.762)		.010	(.254)							

• Stocked in 100 foot rolls.



SR-100 Cutting Tool

Use our SR-100 cutting tool for all your plastic pipe and PVC conduit needs to 1 1/4" I.D.

Features:

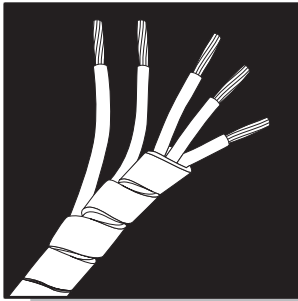
- High-carbon, *Teflon®-coated replacement steel blade.

- Contoured handle resists tube crushing.
- Produces no "sawdust", no need to debur.
- Lightweight, low-profile and no exposed blade when stored.

*Teflon® is a trademark of E.I. DuPont de Nemours and Company.

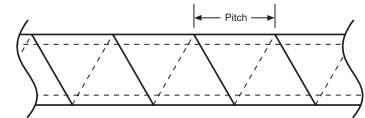
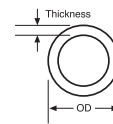
Cat. No.	Description
SR-100	Cutting Tool
SR-R	Replacement Blade

Wire Protection Products



Forward Cut Spiral Wrap

- For protection of bundles from .063" to 7".
- Install gapped for greater flexibility or butted for maximum abrasion resistance, insulation and rigidity.
- Available in 4 materials including Polyethylene, Nylon and Teflon®.
- a.k.a.: Right-hand cut, clockwise cut.
- Use cutting tool SR-100.



Cat. No.	Material	Outside Diameter		Pitch		Nominal Wall Thickness		Min./Max. Bundle Range				UL Flammability	
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)		
SRPE-250F-9-C	Natural Polyethylene	.250	(6.4)	.375	(9.5)	.045	(1.1)	.188	(4.8)	to	2.000	(50.8)	94 HB
SRPE-187F-9-C	Natural Polyethylene	.187	(4.8)	.240	(6.1)	.040	(1.0)	.125	(3.2)	to	1.500	(25.9)	94 HB
SRPE-250F-9-C	Natural Polyethylene	.250	(6.4)	.375	(9.5)	.045	(1.1)	.188	(4.8)	to	2.000	(50.8)	94 HB
SRPE-375F-9-C	Natural Polyethylene	.375	(9.5)	.438	(11.1)	.052	(1.3)	.313	(7.9)	to	3.000	(76.2)	94 HB
SRPE-500F-9-C	Natural Polyethylene	.500	(12.7)	.563	(14.3)	.062	(1.6)	.375	(9.5)	to	4.000	(102.0)	94 HB
SRPE-625F-9-C	Natural Polyethylene	.625	(15.9)	.625	(15.9)	.062	(1.6)	.625	(15.9)	to	4.500	(114.3)	94 HB
SRPE-750F-9-C	Natural Polyethylene	.750	(19.1)	.750	(19.1)	.065	(1.7)	.750	(19.1)	to	5.000	(127.0)	94 HB
SRPE-1000F-9-C	Natural Polyethylene	1.000	(25.4)	1.110	(28.2)	.070	(1.8)	1.000	(25.4)	to	7.000	(177.8)	94 HB
SRPE-187F-0-C	UV Black Polyethylene	.187	(4.8)	.240	(6.1)	.040	(1.0)	.125	(3.2)	to	1.500	(25.9)	94 HB
SRPE-250F-0-C	UV Black Polyethylene	.250	(6.4)	.375	(9.5)	.045	(1.1)	.188	(4.8)	to	2.000	(50.8)	94 HB
SRPE-375F-0-C	UV Black Polyethylene	.375	(9.5)	.438	(11.1)	.052	(1.3)	.313	(7.9)	to	3.000	(76.2)	94 HB
SRPE-500F-0-C	UV Black Polyethylene	.500	(12.7)	.563	(14.3)	.062	(1.6)	.375	(9.5)	to	4.000	(102.0)	94 HB
SRPE-625F-0-C	UV Black Polyethylene	.625	(15.9)	.625	(15.9)	.062	(1.6)	.625	(15.9)	to	4.500	(114.3)	94 HB
SRPE-750F-0-C	UV Black Polyethylene	.750	(19.1)	.750	(19.1)	.065	(1.7)	.750	(19.1)	to	5.000	(127.0)	94 HB
SRPE-1000F-0-C	UV Black Polyethylene	1.000	(25.4)	1.110	(28.2)	.070	(1.8)	1.000	(25.4)	to	7.000	(177.8)	94 HB
SRFR-187F-WH-C	White Flame Retardant Polyethylene	.187	(4.8)	.240	(6.1)	.040	(1.0)	.125	(3.2)	to	1.500	(25.9)	94 V-0
SRFR-250F-WH-C	White Flame Retardant Polyethylene	.250	(6.4)	.375	(9.5)	.045	(1.1)	.188	(4.8)	to	2.000	(50.8)	94 V-0
SRFR-375F-WH-C	White Flame Retardant Polyethylene	.375	(9.5)	.438	(11.1)	.052	(1.3)	.313	(7.9)	to	3.000	(76.2)	94 V-0
SRFR-500F-WH-C	White Flame Retardant Polyethylene	.500	(12.7)	.563	(14.3)	.062	(1.6)	.375	(9.5)	to	4.000	(102.0)	94 V-0
SRTL-250-F-9-C	*Teflon®	.250	(6.4)	.375	(9.5)	.030	(.76)	.188	(4.8)	to	2.000	(50.8)	94 V-0
SRTL-375-F-9-C	*Teflon®	.375	(9.5)	.438	(11.1)	.030	(.76)	.313	(7.9)	to	3.000	(76.2)	94 V-0
SRTL-500-F-9-C	*Teflon®	.500	(12.7)	.563	(14.3)	.030	(.76)	.375	(9.5)	to	4.000	(102.0)	94 V-0
SRTL-625-F-9-C	*Teflon®	.625	(15.9)	.625	(15.9)	.030	(.76)	.625	(15.9)	to	4.500	(114.3)	94 V-0
SRTL-750-F-9-C	*Teflon®	.750	(19.1)	.750	(19.1)	.030	(.76)	.750	(19.1)	to	5.000	(127.0)	94 V-0
Tolerance ±		.030	(.762)	.010	(.254)								

• Stocked in 100 foot rolls.

*Teflon® is a trademark of E.I. DuPont de Nemours and Company.

Polyethylene

For general indoor use to 122°F. Wrap is flexible and easy to work with.

UV Polyethylene

Available in black only. Designed to resist ultraviolet light in outdoor applications.

*TEFLON®

PTFE Flexible Industrial Tubing meets or exceeds ASTM D 3295. 260°C -240°C

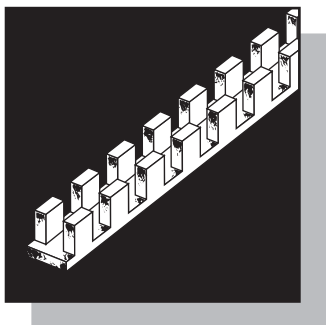
Flame Retardant Polyethylene

Material is UL rated 94 V-0. More economical and less rigid than nylon.

Nylon 6/6

Offers highest abrasion resistance and rigidity. Self-extinguishing to UL 94 HB and a Recognized Component.

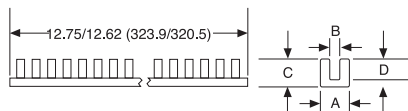
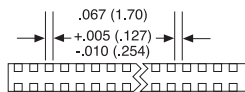
Wire Protection Products



Molded Grommeting

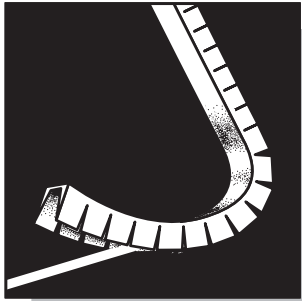
- Meets MS21266-(1-4)N.
- Available in 3 materials for panel thicknesses from .015" to .192".

- Grommet is used to protect panel edges and knock-outs where the chafing of passing wires is a concern.
- Suitable for round hole or odd shape applications.
- Also Available in Fluoropolymer.



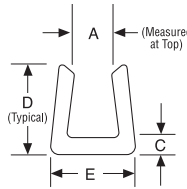
Cat. No.	Material	A		B		C		D		For Panel Thickness	Military Standard Numbers	Per Pkg.
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)			
GSNY-052-9-C	Natural Nylon	.150	(3.81)	.056	(1.42)					.015 (.381) to .052 (1.32)	MS-21266-1N	100
GSNY-085-9-C	Natural Nylon	.175	(4.44)	.090	(2.28)	.155	(3.93)	.100	(2.54)	.053 (1.34) to .085 (2.15)	MS-21266-2N	100
GSNY-128-9-C	Natural Nylon	.220	(5.58)	.131	(3.32)					.086 (2.18) to .128 (3.25)	MS-21266-3N	100
GSNY-192-9-C	Natural Nylon	.323	(8.20)	.192	(4.88)	.230	(5.84)	.162	(4.12)	.128 (3.25) to .192 (4.88)	MS-21266-4N	100
GSTZ-052-9-C	Natural Fluoropolymer	.150	(3.81)	.045	(1.42)					.015 (.381) to .052 (1.32)	-	100
GSTZ-085-9-C	Natural Fluoropolymer	.175	(4.44)	.090	(2.28)	.155	(3.93)	.100	(2.54)	.053 (1.34) to .085 (2.15)	-	100
GSTZ-128-9-C	Natural Fluoropolymer	.220	(5.58)	.131	(3.32)					.086 (2.18) to .128 (3.25)	-	100
GSTZ-192-9-C	Natural Fluoropolymer	.323	(8.20)	.192	(4.88)	.230	(5.84)	.162	(4.12)	.128 (3.25) to .192 (4.88)	-	100
Tolerance		+.015 -.005		(+.381 -.127)		+.020 -.005		(+.508 -.127)				

Wire Protection Products



Extruded Grommeting

- Used to line panel edges and knock-outs where the chafing of passing wires is a concern.



- Available in 8 stock sizes in 100 foot lengths for panels from .030" to .250" thick.
- A variety of stocked materials to cover a wide range of applications.
- Un-cut Polyethylene is ideal for protection of glass, sheet metal, wood panels or other sheet-form materials.
- In most applications, grommeting will grip tightly by itself. If not, a touch of epoxy will keep it in place.

Cat. No.	Material	A		C		D		E		UL Flammability
		Max. Panel Thickness Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	
GRNY-040-9-C	Natural Nylon	.040	(1.01)	.040	(1.01)	.190	(4.82)	.125	(3.17)	94 V-2
GRNY-052-9-C	Natural Nylon	.052	(1.32)	.040	(1.01)	.190	(4.82)	.125	(3.17)	94 V-2
GRNY-062-9-C	Natural Nylon	.062	(1.57)	.045	(1.14)	.200	(5.08)	.170	(4.32)	94 V-2
GRNY-085-9-C	Natural Nylon	.085	(2.15)	.045	(1.14)	.200	(5.08)	.170	(4.32)	94 V-2
GRNY-100-9-C	Natural Nylon	.100	(2.54)	.045	(1.14)	.220	(5.58)	.210	(5.33)	94 V-2
GRNY-125-9-C	Natural Nylon	.125	(3.17)	.050	(1.27)	.220	(5.58)	.205	(5.23)	94 V-2
GRNY-187-9-C	Natural Nylon	.187	(4.74)	.050	(1.27)	.270	(6.85)	.275	(6.98)	94 V-2
GRNY-250-9-C	Natural Nylon	.250	(6.35)	.050	(1.27)	.280	(7.11)	.370	(9.39)	94 V-2
GRNY-040-0-C	Black Nylon	.040	(1.01)	.040	(1.01)	.190	(4.82)	.125	(3.17)	94 V-2
GRNY-052-0-C	Black Nylon	.052	(1.32)	.040	(1.01)	.190	(4.82)	.125	(3.17)	94 V-2
GRNY-062-0-C	Black Nylon	.062	(1.57)	.045	(1.14)	.200	(5.08)	.170	(4.32)	94 V-2
GRNY-085-0-C	Black Nylon	.085	(2.15)	.045	(1.14)	.200	(5.08)	.170	(4.32)	94 V-2
GRNY-100-0-C	Black Nylon	.100	(2.54)	.045	(1.14)	.220	(5.58)	.210	(5.33)	94 V-2
GRNY-125-0-C	Black Nylon	.125	(3.17)	.050	(1.27)	.220	(5.58)	.205	(5.23)	94 V-2
GRNY-187-0-C	Black Nylon	.187	(4.74)	.050	(1.27)	.270	(6.85)	.275	(6.98)	94 V-2
GRNY-250-0-C	Black Nylon	.250	(6.35)	.050	(1.27)	.280	(7.11)	.370	(9.39)	94 V-2
GRPE-040-9-C	Natural Polyethylene	.040	(1.01)	.040	(1.01)	.190	(4.82)	.125	(3.17)	94 HB
GRPE-052-9-C	Natural Polyethylene	.052	(1.32)	.040	(1.01)	.190	(4.82)	.125	(3.17)	94 HB
GRPE-062-9-C	Natural Polyethylene	.062	(1.57)	.045	(1.14)	.200	(5.08)	.170	(4.32)	94 HB
GRPE-085-9-C	Natural Polyethylene	.085	(2.15)	.045	(1.14)	.200	(5.08)	.170	(4.32)	94 HB
GRPE-100-9-C	Natural Polyethylene	.100	(2.54)	.045	(1.14)	.220	(5.58)	.210	(5.33)	94 HB
GRPE-125-9-C	Natural Polyethylene	.125	(3.17)	.050	(1.27)	.220	(5.58)	.205	(5.23)	94 HB
GRPE-187-9-C	Natural Polyethylene	.187	(4.74)	.050	(1.27)	.270	(6.85)	.275	(6.98)	94 HB
GRPE-250-9-C	Natural Polyethylene	.250	(6.35)	.050	(1.27)	.280	(7.11)	.370	(9.39)	94 HB
GRUPE-040-9-C	Un-Cut Polyethylene	.040	(1.01)	.040	(1.01)	.190	(4.82)	.125	(3.17)	94 HB
GRUPE-052-9-C	Un-Cut Polyethylene	.052	(1.32)	.040	(1.01)	.190	(4.82)	.125	(3.17)	94 HB
GRUPE-062-9-C	Un-Cut Polyethylene	.062	(1.57)	.045	(1.14)	.200	(5.08)	.170	(4.32)	94 HB
GRUPE-085-9-C	Un-Cut Polyethylene	.085	(2.15)	.045	(1.14)	.200	(5.08)	.170	(4.32)	94 HB
GRUPE-100-9-C	Un-Cut Polyethylene	.100	(2.54)	.045	(1.14)	.220	(5.58)	.210	(5.33)	94 HB
GRUPE-125-9-C	Un-Cut Polyethylene	.125	(3.17)	.050	(1.27)	.220	(5.58)	.205	(5.23)	94 HB
GRUPE-187-9-C	Un-Cut Polyethylene	.187	(4.74)	.050	(1.27)	.270	(6.85)	.275	(6.98)	94 HB
GRUPE-250-9-C	Un-Cut Polyethylene	.250	(6.35)	.050	(1.27)	.280	(7.11)	.370	(9.39)	94 HB
GRFR-040-WH-C	Flame Retardant Polyethylene	.040	(1.01)	.040	(1.01)	.190	(4.82)	.125	(3.17)	94 V-0
GRFR-052-WH-C	Flame Retardant Polyethylene	.052	(1.32)	.040	(1.01)	.190	(4.82)	.125	(3.17)	94 V-0
GRFR-062-WH-C	Flame Retardant Polyethylene	.062	(1.57)	.045	(1.14)	.200	(5.08)	.170	(4.32)	94 V-0
GRFR-085-WH-C	Flame Retardant Polyethylene	.085	(2.15)	.045	(1.14)	.200	(5.08)	.170	(4.32)	94 V-0
GRFR-100-WH-C	Flame Retardant Polyethylene	.100	(2.54)	.045	(1.14)	.220	(5.58)	.232	(5.33)	94 V-0
GRFR-125-WH-C	Flame Retardant Polyethylene	.125	(3.17)	.050	(1.27)	.220	(5.58)	.232	(5.32)	94 V-0
GRFR-187-WH-C	Flame Retardant Polyethylene	.187	(4.74)	.050	(1.27)	.270	(6.85)	.275	(6.98)	94 V-0
GRFR-250-WH-C	Flame Retardant Polyethylene	.250	(6.35)	.050	(1.27)	.280	(7.11)	.370	(9.39)	94 V-0
Tolerance		+ .000 - .015	(+ .000) (- .381)	± .007	(.178)	± .010	(.254)	+ .015 - .000	(+ .381) (- .000)	

• 100 feet per roll.

Braided Expandable Wire Sleevings



Product Description

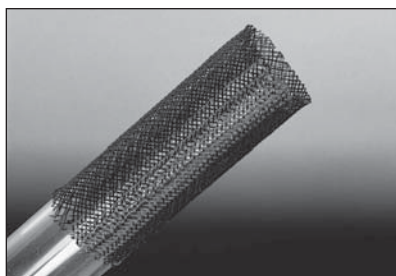
Thomas & Betts braided expandable wire sleeving is used to bundle and protect wires and cables from abrasion and excessive wear. Its flexible, lightweight, open weave construction installs easily over a variety of bundle diameters and shapes. The sleeving is resistant to chemicals, fungus, fuels, UV sunlight and has an indefinite shelf life. It is easily cut with a hot knife, which seals

the end-preventing fraying. Ends can be secured using Ty-Rap® cable ties.

Available in:

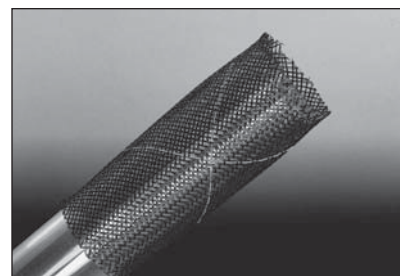
- either handy mini spools or bulk reels.
- eight sizes from 1/8" to 2-1/2" nominal I.D. size.
- solid or wraparound hook and loop braided expandable wire sleeving.

Types of Materials



PET – Polyethylene terephthalate

A black 0.010" polyester monofilament material designed for indoor and outdoor applications. It is rated for continuous operating temp. -75°C to 125° C.



F – Flame Retardant Polyfibre-polyester

A 0.010" self-extinguishing polyester monofilament material that can be used indoors and outdoors. It is provided in black with white tracer for identification and is rated for continuous operating temp. -75°C to 125°C.

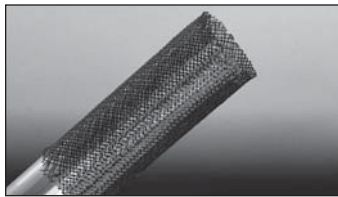
Catalogue Number System

Example: S250PM-0

S	250	P	M	O
Braided	Nominal	Material	Reel/Spool	Colour
Expandable	I.D.	P = PET (Polyethylene Terephthalate)	Size	O = Weather Resistant Black
Wire	Size	F = Flame-retardant polyester	M = 1000 ft.	
Sleeving	125 = 1/8"	PW = PET hook & loop wrap-around sleeving.	D = 500 ft.	
	250 = 1/4"	FW = Flame retardant polyester hook & loop wrap-around sleeving	K = 250 ft.	
	500 = 1/2"		T = 200 ft.	
	750 = 3/4"		C = 100 ft.	
	1250 = 1-1/4"		L = 50 ft.	
	1750 = 1-3/4"			
	2000 = 2"			
	2500 = 2-1/2"			

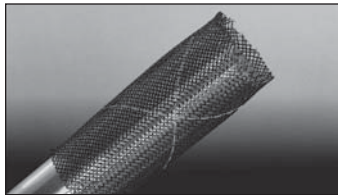
Min. orders may be required for non standard combinations.

Braided Expandable Wire Sleeving



PET Braided Expandable Wire Sleeving – Mini Spool

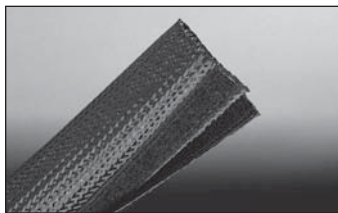
Cat. No.	Nominal I.D. (in.)	Colour	Nominal Diameter Range (in.)	Spool Quantity	Std. Pkg.
S250PT-0	.250		.125 to .375	200 ft.	1
S500PC-0	.500	Black	.250 to .750	100 ft.	1
S750PC-0	.750		.500 to 1.250	100 ft.	1
S1250PL-0	1.250		.750 to 1.750	50 ft.	1



Flame Retardant Braided Expandable Wire Sleeving – Mini Spool

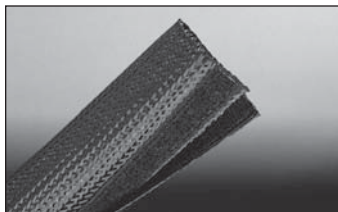
Cat. No.	Nominal I.D. (in.)	Colour	Nominal Diameter Range (in.)	Spool Quantity	Std. Pkg.
S250FT-0	.250		.125 to .375	200 ft.	1
S500FC-0	.500	Black with white tracer	.250 to .750	100 ft.	1
S750FC-0	.750		.500 to 1.250	100 ft.	1
S1250FL-0	1.250		.750 to 1.750	50 ft.	1

Note: Order by spool, not per foot.



PET Hook and Loop, Wraparound Sleeving – Mini Spool

Cat. No.	Nominal I.D. (in.)	Colour	Nominal Diameter Range (in.)	Spool Quantity	Std. Pkg.
S500PWL-0	.500		.250 to .750	50 ft.	1
S750PWL-0	.750	Black	.500 to 1.250	50 ft.	1
S1250PWL-0	1.250		.750 to 1.750	50 ft.	1
S2000PWL-0	2.000		1.500 to 3.500	50 ft.	1



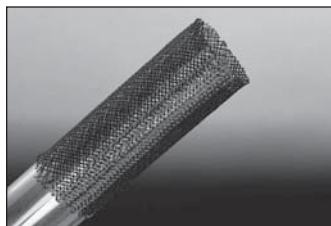
Flame Retardant Hook and Loop, Wraparound Sleeving – Mini Spool

Cat. No.	Nominal I.D. (in.)	Colour	Nominal Diameter Range (in.)	Spool Quantity	Std. Pkg.
S500FWL-0	.500		.250 to .750	50 ft.	1
S750FWL-0	.750	Black with white tracer	.500 to 1.250	50 ft.	1
S1250FWL-0	1.250		.750 to 1.750	50 ft.	1
S2000FWL-0	2.000		1.500 to 3.500	50 ft.	1

Note: Order by spool, not per foot.

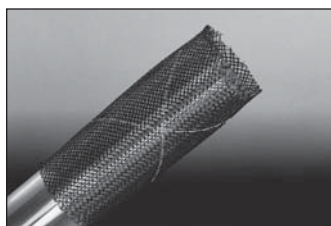
- Hook and loop fastener design allows for easy wrapping of existing wire harnesses and cables.
- Convenient for rework without disrupting existing connection.
- No tools required to close the sleeving.
- Hook and loop material is made of 100% nylon.

Braided Expandable Wire Sleeving



PET Braided Expandable Wire Sleeving – Bulk Reel

Cat. No.	Nominal I.D. (in.)	Colour	Nominal Diameter Range (in.)	Reel Quantity	Std. Pkg.
S125PM-0	.125		.094 to .250	1000 ft.	1
S250PM-0	.250		.125 to .375	1000 ft.	1
S500PD-0	.500		.250 to .750	500 ft.	1
S750PK-0	.750	Black	.500 to 1.250	250 ft.	1
S1250PK-0	1.250		.750 to 1.750	250 ft.	1
S1750PT-0	1.750		1.250 to 2.750	200 ft.	1
S2000PT-0	2.000		1.500 to 3.500	200 ft.	1
S2500PT-0	2.500		1.750 to 4.500	200 ft.	1



Flame Retardant Braided Expandable Wire Sleeving – Bulk Reel

Cat. No.	Nominal I.D. (in.)	Colour	Nominal Diameter Range (in.)	Reel Quantity	Std. Pkg.
S125FM-0	.125		.094 to .250	1000 ft.	1
S250FM-0	.250		.125 to .375	1000 ft.	1
S500FD-0	.500		.250 to .750	500 ft.	1
S750FK-0	.750	Black with white tracer	.500 to 1.250	250 ft.	1
S1250FK-0	1.250		.750 to 1.750	250 ft.	1
S1750FT-0	1.750		1.250 to 2.750	200 ft.	1
S2000FT-0	2.000		1.500 to 3.500	200 ft.	1
S2500FT-0	2.500		1.750 to 4.500	200 ft.	1

Note: order by reel, not per foot.

For other colours, lengths, sizes and materials please contact customer service.



WTBM

Sleeving End Cutter/Sealer Tools

Cat. No.	Description	Std. Pkg.
WTBM	Bench mount end cutter/sealer tool, 110 volt AC	1

It is recommended that the sleeving be cut with hot knife for a straight cut and to seal the ends which prevents fraying.

Ty-Rap® Cable Tie Installation Tools



Ty-Rap® Cable Tie Installation Tool

The Most Comfortable and Efficient Hand Tool Available for Installing Cable Ties!!

Thomas & Betts set out to develop a high performance and very reliable hand-operated cable tie installation tool. This new and improved Ty-Rap® Cable Tie Installation Tool is the result, and it fits the bill in every aspect. It's ergonomic with more features than any competing tool on the market.

Our engineers carefully considered user comfort and designed this rugged yet lightweight, well-balanced tool to reduce stress, fatigue and the risk of carpal tunnel syndrome and other cumulative trauma disorders to the hand and wrist. They didn't stop with ergonomics, however. This new tool offers a flush cable tie tail-to-head trim, a longer handle stroke requiring less handle force, higher tension capabilities and much, much more!



Designed for Efficiency

- Wide cable-tie insertion gap makes it easier to insert tie into tool
- Tension adjustment wheel on nose offers easy access and quick setting — about five times faster than competing tools!
- Tension-locking mechanism maintains constant tension setting, even when tool is frequently put down and picked up again
- Flush tail-to-head cut-off eliminates sharp cable tie ends that can cut or scratch installers, wires and nearby devices
- Longest stroke length available on the market — a full 1" — means fewer handle-tensioning cycles to save time and lower installation costs

Designed for Comfort

- 360° rotating nose offers maximum flexibility in any position, especially in tight spaces — no twisting of tool required!
- Adjustable grip span adapts to fit large or small hands
- Anti-recoil cut-off mechanism reduces shock and vibration to hand and wrist
- High-low handle travel feature offers lowest handle force with highest tension in any hand-operated cable tie installation tool on the market
- Handles constructed from rugged, lightweight, high-impact polymer in a balanced design with soft, over-molded, round-edged grips for added user comfort

The two Ty-Rap® Cable Tie Installation Tools install either 18-50 lb. tensile strength cable ties or 50-120 lb. tensile strength cable ties.

Specifications:

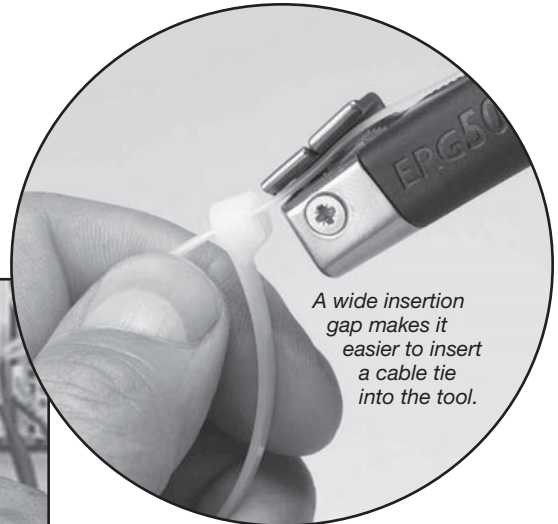
Dimensions: 7" L x 5" H x 1-5/8" W
Weight: 9oz

Cat. Number	Description	Std. Pkg. Qty.	UPC Number
<i>Cable Tie Installation Tool</i>			
ERG50	Tool for 18-50 lb. Cable Ties	1	78620986729
ERG120	Tool for 50-120 lb. Cable Ties	1	78620986730

Ty-Rap®

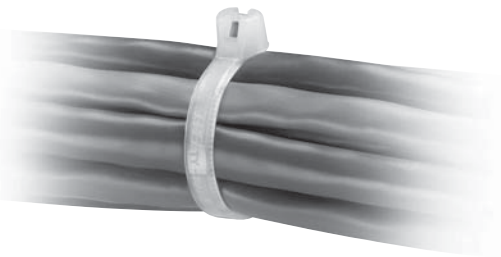
Cable Tie Installation Tools

Ty-Rap® Cable Tie Installation Tool Features



A wide insertion gap makes it easier to insert a cable tie into the tool.

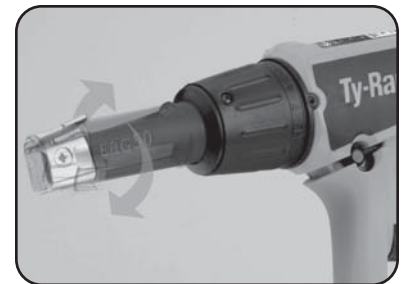
The Ty-Rap® Cable Tie Installation Tool trims cable ties flush, leaving no sharp edges behind to scratch or cut people or wires. It holds trimmed-off tails captive, leaving no mess behind to clean up.



The adjustable grip span offers a comfortable custom fit for any size hand, large or small.



The easy-access tension adjustment wheel, located on the nose, enables quick tension setting — up to five times faster than other tools on the market. Tension can be locked to maintain a constant setting.

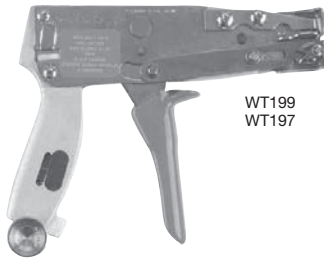


The swivel head enables you to get into any tight space — no twisting of tool required!

Cable Tie Installation Tools



WT193A



WT199
WT197



WT1-TB



WT2-TB



WT3D
WT3S

Stainless Steel Installation Tool

Cat. No.	Description	Std. Pkg.
DAS250	Installation Tool for Stainless Steel Ties	1

Installation Tools

WT193A Installation Tool

Cat. No.	Description	Body Width (in.)	Std. Pkg.	Wt. Each
WT193A	Pistol-type, easy tension adjustment, cuts tail off flush	.094-.184	1	10 oz.

WT199/WT197 Installation Tool

Cat. No.	Description	Body Width (in.)	Std. Pkg.	Wt. Each
WT197	Pistol-type, easy tension adjustment, cuts tail off flush	.301	1	10 oz.
WT199	Pistol-type, easy tension adjustment, cuts tail off flush	.094-.184	1	10 oz.

* Mil Spec Approved (WT197 - MS90387-2; WT199 - MS90387-1)

WT1-TB/WT2-TB Installation Tool

Lightweight, hand-operated cable tying tools install cable ties up to .301 inch wide and .080 inch thick. Made of high-impact plastic and steel to withstand shock and rough handling, they are symmetrical in design for use by both left-hand and right-hand operators.

They cinch up the tie with a squeeze action, and cut away the excess tail when twisted 180 degrees. A specially designed pawl cuts away the tail if the tension limit is exceeded, thereby preventing the cable tie from being over tightened. Ideally suited to spot-tying applications.

Cat. No.	Description	Body Width (in.)	Std. Pkg.	Wt. Each
WT1-TB	Compact hand tool made of high-impact plastic, preset tension, cuts off flush,	.094 thru .184	1	1-1/4 oz.
WT2-TB	lightweight and economical	.184-.301	1	1-1/4 oz.

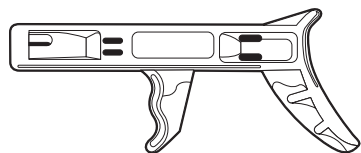
Deltec™ and Stainless Steel Tool

Cat. No.	Description	Body Width (in.)	Std. Pkg.	Wt. Each
WT3D	Installs self-locking Ty-Rap® cable ties and Thomas & Betts 2-piece lashing ties.	.184 thru .500	1	8 oz.
WT3S	Stainless steel cable tie installing tool.		1	8 oz.

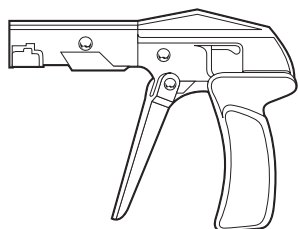


DAS250

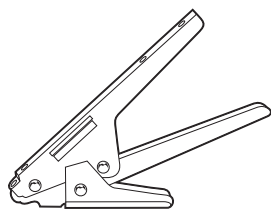
Cable Tie Installation Tools



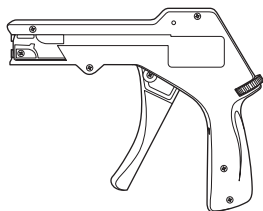
QC-100 (plastic)



L-200 Metal (steel)



L-300C Metal (steel)



L-400-C (plastic)

Cable Tie Tool

QC-100

A lightweight tool for least critical applications. Cinch tie to desired bundle and twist tool to remove excess strap. Recommended for use with 18 - 50 pound ties.

Cat. No.	Description	Tie Body Width	Std. Pkg.	Wt. Ea.
QC-100	Cable Tie Tool, 18-50 lb. tension Plastic Handle	.094-.184"	1	2.56 oz.

L-200

Economy tool for use with 18 - 50 pound ties. Automatic cut-off removes excess strap flush against cable tie head. Tool is equipped with adjustable tensioning.

Cat. No.	Description	Tie Body Width	Std. Pkg.	Wt. Ea.
L-200	Cable Tie Tool, 18-50 lb. tension Steel Handle	.094-.184"	1	13.44 oz.

L-300-C

Rugged construction makes this tool ideal for use with our 120 - 175 pound ties. Cinch tie to desired bundle and pull trigger to cut excess flush at Cable Tie head. Field proven durability.

Cat. No.	Description	Tie Body Width	Std. Pkg.	Wt. Ea.
L-300C	Cable Tie Tool, 120-175 lb. tension Steel Handle	.301-.345"	1	12 oz.

L-400-C

Heavy Duty tool for use with 18 - 50 pound ties. Automatic cut-off and adjustable tensioning for dependable use in assembly applications.

Cat. No.	Description	Tie Body Width	Std. Pkg.	Wt. Ea.
L-400-C	Cable Tie Tool, 18-50 lb. tension Plastic Handle	.094-.184"	1	7.52 oz.

Cable Tie Installation Tools

Semi-automatic air tool speeds cable tying operation – increases productivity



TR227
TR227R

- Semi-automatic operation—produces fast, effortless tying; cinches and trims tie in one fast motion
- Positive tail ejection—ensures high operating efficiency
- Precision engineered—gives you long-term dependable service, reduces operator fatigue
- Adjustable tension—provides uniform, quality installations over wide bundle diameter range

The TR227 pistol-type, semiautomatic air tool provides quick, effortless cable tying. It installs self-locking Ty-Rap® cable ties having body widths of .091" to .187" regardless of the tie's length or diameter of the wire bundle.

The trigger activated pneumatic tool:

1. tightens the tie to a preset tension,
2. trims it flush to the head,
3. positively ejects the cut-off portion of the cable tie in a single stroke.

The tool is so easy to operate that just installing a few ties is all the training required. This lightweight, precision tool is designed to be the workhorse in production tying operations. Its long barrel and narrow nose make it ideal for reaching into congested wire areas.

Designed with a comfort-grip handle to avoid operator fatigue, the tool is quality engineered to provide years of dependable service. Your wire harnessing and cable bundling will be accomplished quickly, easily, and at low installed cost.

Consistent tension for all bundle diameters

The tool has a convenient tension adjustment permitting each tie to be installed with the proper tension regardless of variations in the bundle diameter. To increase tension on the tie, turn the tension disc clockwise—to decrease tension, turn the disc counterclockwise.

The tension range is indicated on the disc from min. to max.

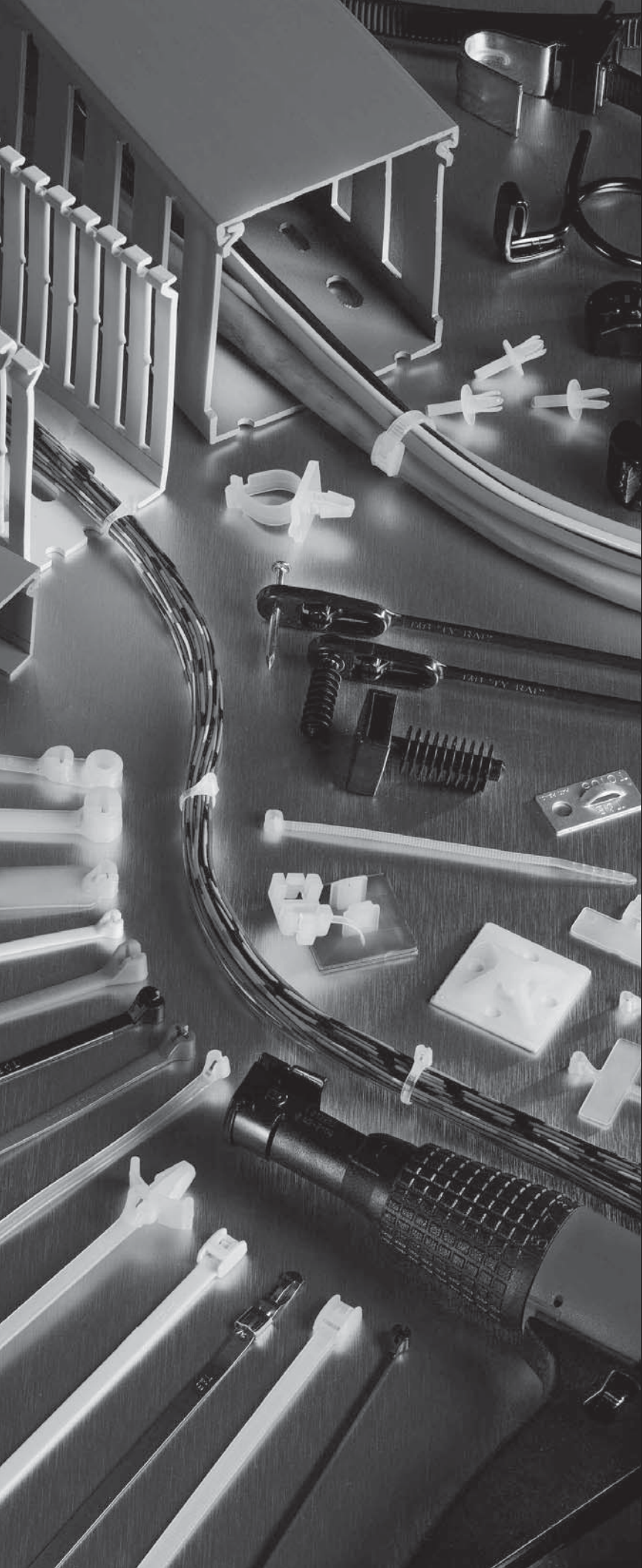
Modular head

If difficulty should arise with operation of the tool, a convenient modular head allows quick replacement. Simple on-line repair—downtime reduced to an absolute minimum.

Ty-Rap® Pneumatic Tool

Cat. No.	Description	Body Width (in.)
TR227	Semiautomatic hand tool	.094-.184
TR227R	Replaceable Head For TR227	





Ty-Duct™

Wiring Duct

Ty-Duct Accessories and Overview	96 - 98
Ordering Information for Ty-Duct	99
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Thomas & Betts

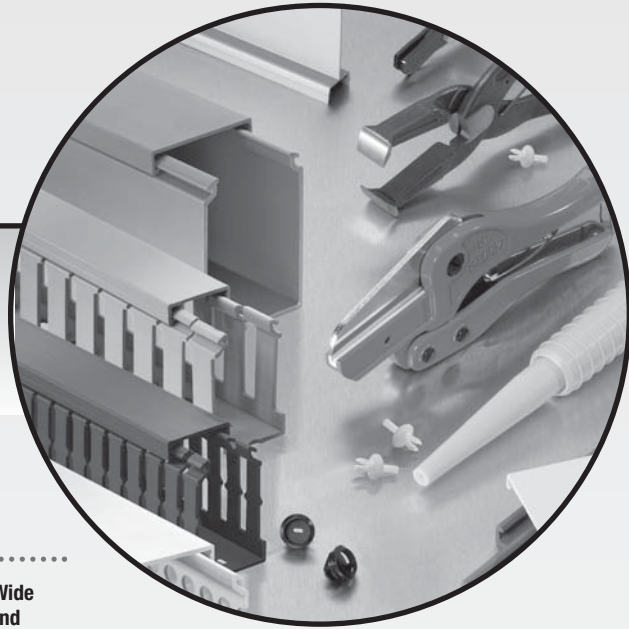
Ty-Duct™ and Accessories

Overview

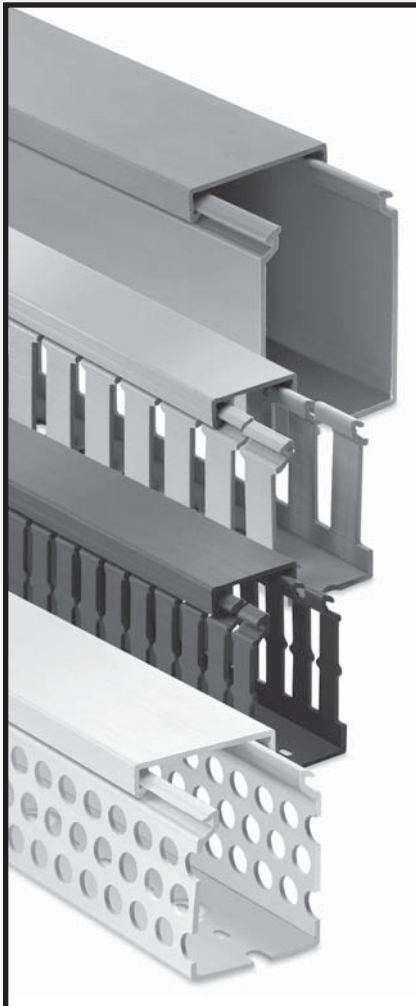
Ty-Duct™ — The versatile configurations you need for routing and concealing wiring!

Thomas & Betts' innovative new Ty-Duct™ products offer a total solution for routing and concealing wiring in control panels. Many different sizes are available to accommodate anything from the smallest wallmount panel to the larger integrated systems!

Here are some of the impressive features incorporated into all of our wiring duct solutions.



Ty-Duct Features



- Available in Solid, Wide Slot, Narrow Slot, and Round Hole versions to meet your capacity and flexibility needs
- Widths from .75" to 6" and depths from 1" to 5"
- Optional adhesive back for quick, hassle-free installation
- Complete selection of accessories and tools for installation
- Lead-free construction
- Lightweight Halogen-free unit available for Wide Slot Wiring Duct

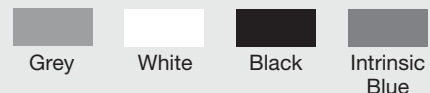


Ty-Duct Certifications

- UL Recognized Continuous-Use Temperature — 50° C (122° F)
- UL 94 Flammability — Rating of V-0
- Conforms with NFPA 79-2002 Section 14.3.1 Requirement for Flame Retardant Material
- CE compliant for European shipping
- CSA Certified
- RoHS Compliant



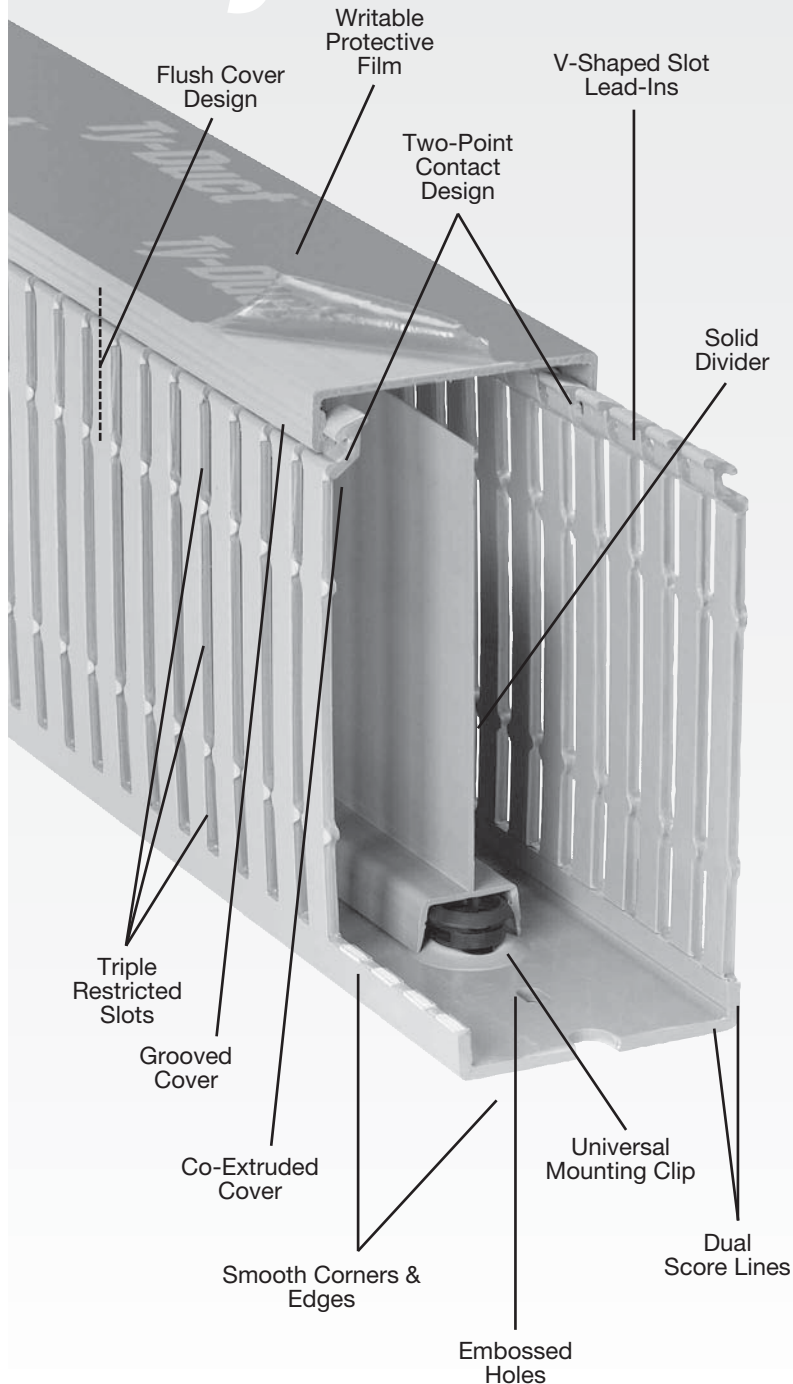
Available in 4 Colours



Ty-Duct™ and Accessories

Overview

Ty-Duct™



Ty-Duct™ Advantages

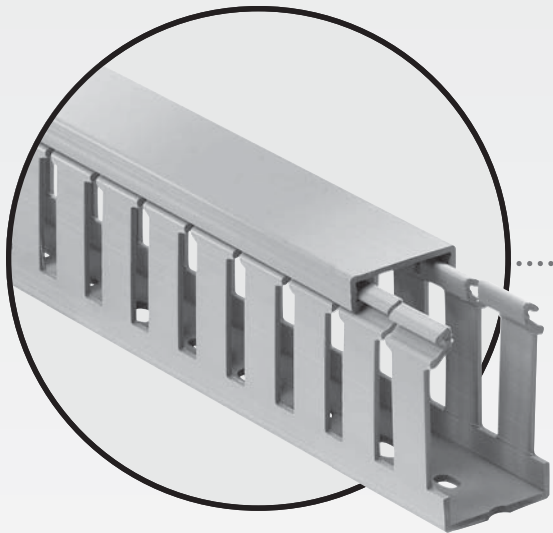
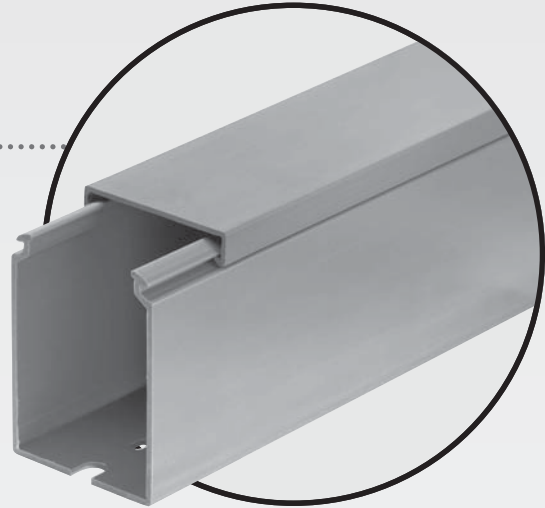
- **Two-point contact** design enables the cover to be easily installed in the right place with less force
- **Co-extruded cover** ensures the cover will stay in place and will not slip once installed
- **Smooth corners and edges** will not damage or disfigure wires
- **Flush cover design** enables greater capacity and sits flush with duct side wall
- **Triple restricted slots** speed installation while enabling better wire retaining in duct
- **Dual score lines** — Upper score line allows fingers to be broken out without tools and the lower score line allows side wall sections to be removed easily
- **V-shaped slot lead-in** funnels wires into slot for easier wire insertion
- **Staggered mounting hole pattern** (larger widths)
- **Universal Mounting Clip** secures into the base to perform several tasks:
 - Enables divider to be snapped into base
 - Slots in the Universal Mounting Clip allow cable ties to pass through to hold wire bundles in place
 - 2 slot sizes on Universal Mounting Clip accommodate traditional nylon cable ties or hook and loop fasteners
- **Slotted and Solid Divider** accommodates various wiring applications
- **Grooved cover** provides better grip for removal and placement of cover onto base
- **Writable protective film** on covers protects from work site scratches and scuffs and enables temporary marking or labeling
- **Embossed holes** enable Universal Mounting Clips to be installed, even after the duct has been riveted to the panel
- **PVC construction** is excellent for flame retardancy
- **North American and DIN standard mounting holes**

Ty-Duct™ and Accessories

Overview

Solid Wall Wiring Duct

- Engineered to restrict wire access for greater security
- Available in improved flush sidewall and cover style for greater wire capacity

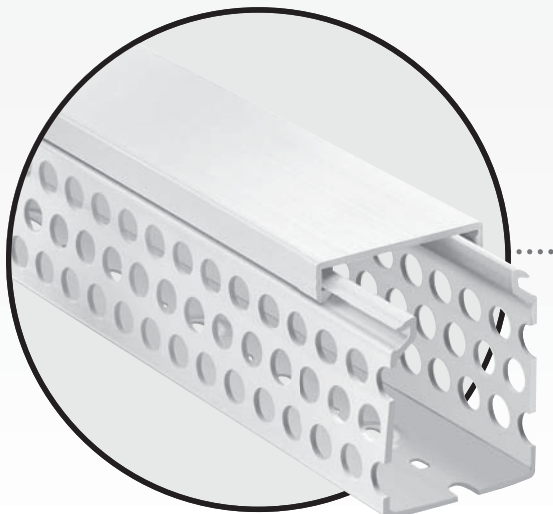
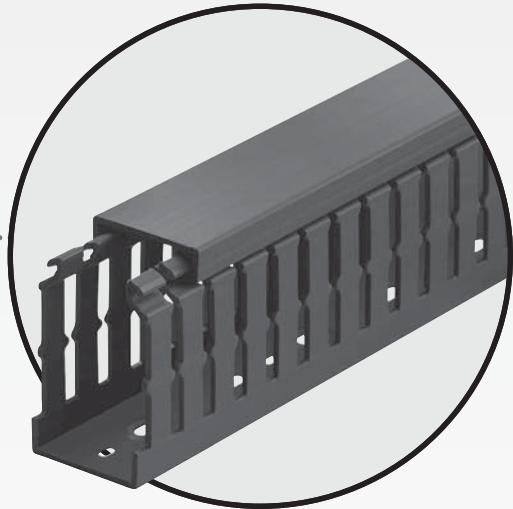


Wide Slot Wiring Duct

- Wide fingers and slots increase rigidity and enable insertion of bundles
- Halogen-free version available

Narrow Slot Wiring Duct

- Smaller, higher number of fingers for more concise harnessing
- Finger design restricts wire from slipping along the edge — creates two or three levels of wire service



Round Hole Wiring Duct

- Multiple rows of holes retain wire at different heights and positions with or without the cover
- Features maximum number of wire holes

Ordering the Ty-Duct™ products you need is as easy as 1, 2, 3!

After selecting the appropriate Ty-Duct solutions for your application, make sure you complete the following checklist.





For Ty-Duct Wiring Duct and Covers:

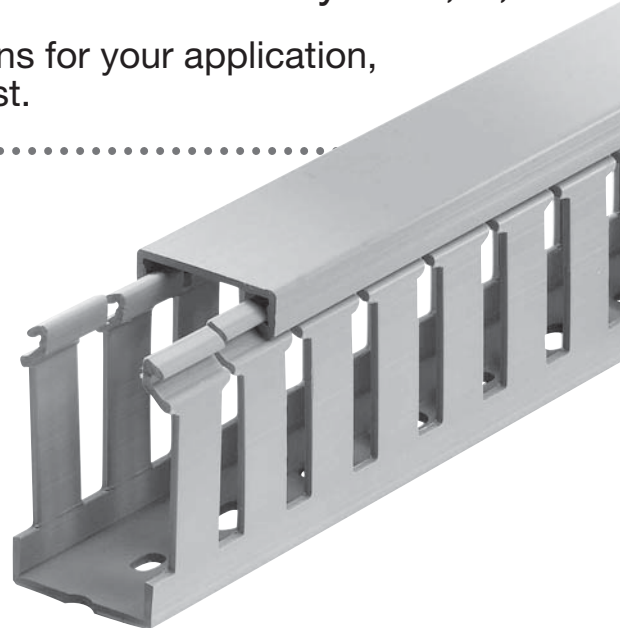
1 Specify colour

2 Indicate if you want the duct without mounting holes

3 Indicate if you want an adhesive-backed duct (not available in Wide Slot Duct — Halogen Free)

[_] = space for colour identifier:

G = Grey	
W = White	
B = Black	
I = Intrinsic Blue	



2 To order duct without mounting holes, add suffix NM to catalogue number. **Example:** TY75X1WPG6NM is a .75" x 1" wide slot grey duct with no mounting holes.

3 To order Adhesive-Backed Duct, add suffix A to Catalogue Number.
Example: TY75X15WPB6A is a .75" x 1.5" wide slot black duct with adhesive backing.
Shelf life for adhesive is 1 year.

CAT. NO.	DESCRIPTION	Nominal Width x Nominal Height		COVER CAT. NO.	Standard Carton Quantity		LENGTH (FT.)
		IN.	MM		DUCT STD. CTN. QTY.	COVER STD. CTN. QTY.	
TY75X1WP[G]6NM	.75 x 1 Wide Slot Duct	0.94 x 1.09	23.9 x 27.7		120		
TY75X15WP[B]6A	.75 x 1.5 Wide Slot Duct	0.94 x 1.56	23.9 x 39.6	TY75CP[_]6	120	120	6
TY75X2WP[I]6	.75 x 2 Wide Slot Duct	0.94 x 2.07	23.9 x 52.6		120		

SP=Solid
WP=Wide Slot
NP=Narrow Slot
RP=Round Hole

1 Catalogue Number must be completed by adding suffix G for Grey, W for White, I for Intrinsic Blue, B for Black. **Example:** TY75X2WPI6 is a .75" x 2" wide slot intrinsic blue duct. Cover colour must be specified also.

Standard lengths are 6 feet.



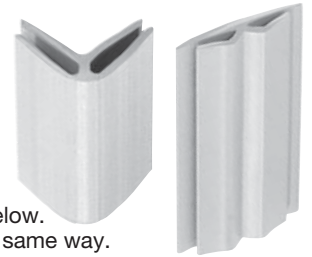
For Ty-Duct Dividers:

Catalogue Number must be completed by adding suffix S for Solid or W for Wide Slot. **Example:** TY2DSPG6 is a 2" high solid wall grey divider.

CAT. NO.	DESCRIPTION	LENGTH (FT.)	STD. CTN. QTY
TY2D[S]P[G]6	2" High Wall Divider	6	120

Catalogue Number must be completed by adding suffix G for Grey, W for White, I for Intrinsic Blue, B for Black. **Example:** TY2DSPG6 is a 2" high solid wall grey divider.

For Ty-Duct Corner & Joining Strips:



Corner Strip sample shown below. Joining Strips are ordered the same way.

CAT. NO.	DESCRIPTION	LENGTH (FT.)	STD. CTN. QTY
TYCS[G]6	Corner Strip	6	120

Catalogue Number must be completed by adding suffix G for Grey, W for White, I for Intrinsic Blue, B for Black. **Example:** TYCSG6 is a grey corner strip.

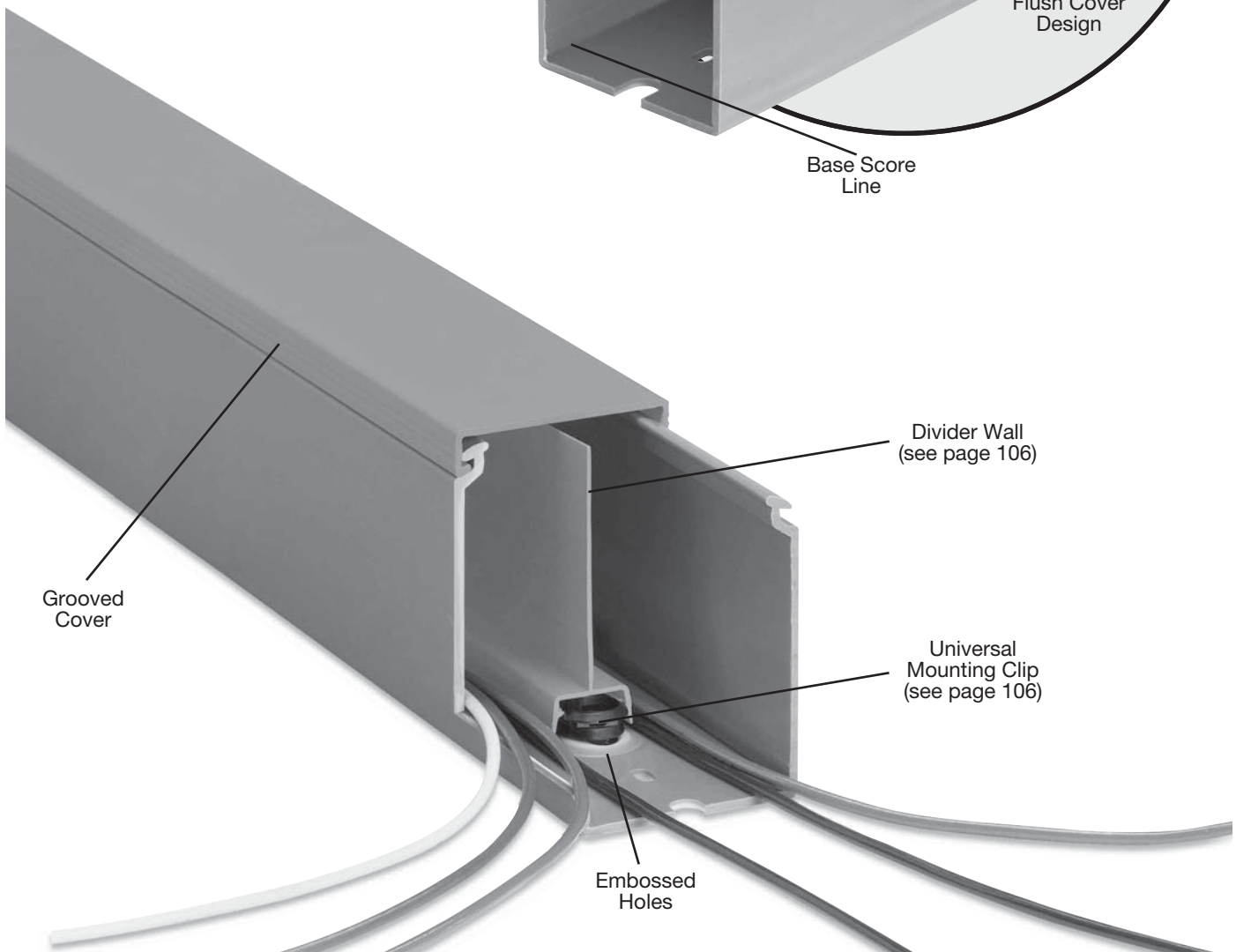
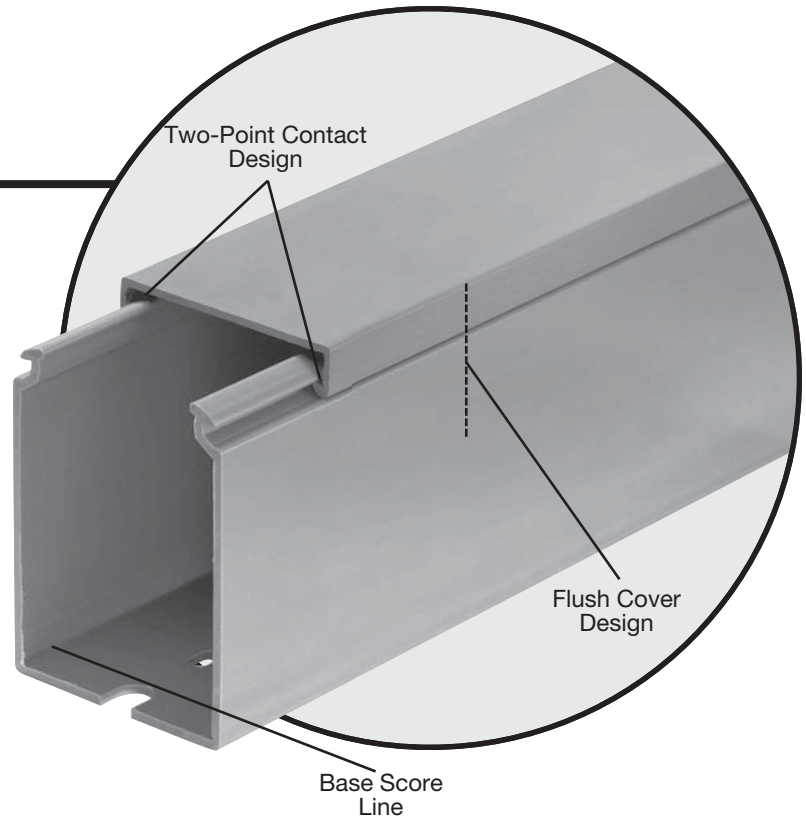
Ty-Duct™

Solid Wall Wiring Duct

Fire-resistant PVC offers the protection you need!

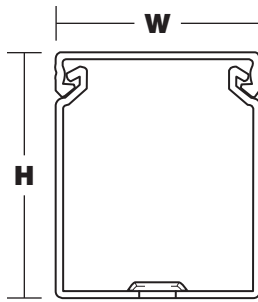
Solid Wall Duct—PVC

- Engineered to restrict wire access
- Constructed of flame-retardant PVC
- Improved flush sidewall and cover style for greater wire capacity
- Versatile North American and DIN Standard mounting holes enable same duct for multiple applications
- Base score line
- Lead-free construction

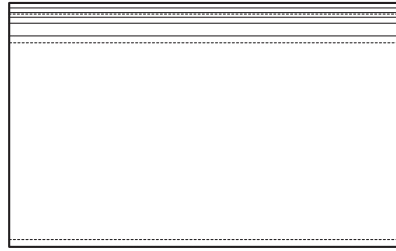


Ty-Duct™

Solid Wall Wiring Duct

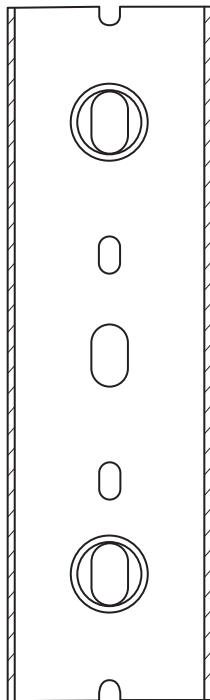


Front View w/Cover



Side View

For a complete listing of Solid Wall dimensional details see page 116.



Bottom View

CAT. NO.	DESCRIPTION	SIZE (W x H)		COVER CAT. NO.	DUCT STD. CTN. QTY	COVER STD. CTN. QTY	LENGTH (FT.)
		IN.	MM				
TY75X1SP [_]6	.75 x 1 Solid Wall Duct	0.94 x 1.14	23.9 x 29.0		120		
TY75X15SP [_]6	.75 x 1.5 Solid Wall Duct	0.94 x 1.60	23.9 x 40.6	TY75CP [_]6	120	120	6
TY75X2SP [_]6	.75 x 2 Solid Wall Duct	0.94 x 2.10	23.9 x 53.3		120		
TY1X1SP [_]6	1 x 1 Solid Wall Duct	1.25 x 1.14	31.8 x 29.0		120		
TY1X15SP [_]6	1 x 1.5 Solid Wall Duct	1.25 x 1.60	31.8 x 40.6		120		
TY1X2SP [_]6	1 x 2 Solid Wall Duct	1.25 x 2.10	31.8 x 53.3	TY1CP [_]6	120	120	6
TY1X3SP [_]6	1 x 3 Solid Wall Duct	1.25 x 3.05	31.8 x 77.5		120		
TY1X4SP [_]6	1 x 4 Solid Wall Duct	1.25 x 4.37	31.8 x 111.0		60		
TY15X1SP [_]6	1.5 x 1 Solid Wall Duct	1.75 x 1.14	44.5 x 29.0		120		
TY15X15SP [_]6	1.5 x 1.5 Solid Wall Duct	1.75 x 1.60	44.5 x 40.6		120		
TY15X2SP [_]6	1.5 x 2 Solid Wall Duct	1.75 x 2.10	44.5 x 53.3	TY15CP [_]6	120	120	6
TY15X3SP [_]6	1.5 x 3 Solid Wall Duct	1.75 x 3.05	44.5 x 77.5		120		
TY15X4SP [_]6	1.5 x 4 Solid Wall Duct	1.75 x 4.37	44.5 x 111.0		60		
TY2X1SP [_]6	2 x 1 Solid Wall Duct	2.25 x 1.24	57.2 x 31.5		120		
TY2X15SP [_]6	2 x 1.5 Solid Wall Duct	2.25 x 1.70	57.2 x 43.2		120		
TY2X2SP [_]6	2 x 2 Solid Wall Duct	2.25 x 2.19	57.2 x 55.6	TY2CP [_]6	120	120	6
TY2X3SP [_]6	2 x 3 Solid Wall Duct	2.25 x 3.14	57.2 x 79.8		60		
TY2X4SP [_]6	2 x 4 Solid Wall Duct	2.25 x 4.46	57.2 x 113.3		60		
TY2X5SP [_]6	2 x 5 Solid Wall Duct	2.25 x 5.15	57.2 x 130.8		60		
TY25X2SP [_]6	2.5 x 2 Solid Wall Duct	2.75 x 2.19	69.9 x 55.6		120		
TY25X3SP [_]6	2.5 x 3 Solid Wall Duct	2.75 x 3.14	69.9 x 79.8	TY25CP [_]6	60	120	6
TY25X4SP [_]6	2.5 x 4 Solid Wall Duct	2.75 x 4.46	69.9 x 113.3		60		
TY3X1SP [_]6	3 x 1 Solid Wall Duct	3.25 x 1.24	82.6 x 31.5		120		
TY3X2SP [_]6	3 x 2 Solid Wall Duct	3.25 x 2.19	82.6 x 55.6		60		
TY3X3SP [_]6	3 x 3 Solid Wall Duct	3.25 x 3.14	82.6 x 79.8	TY3CP [_]6	60	120	6
TY3X4SP [_]6	3 x 4 Solid Wall Duct	3.25 x 4.46	82.6 x 113.3		60		
TY3X5SP [_]6	3 x 5 Solid Wall Duct	3.25 x 5.15	82.6 x 130.8		60		
TY4X15SP [_]6	4 x 1.5 Solid Wall Duct	4.25 x 1.70	108.0 x 43.2		60		
TY4X2SP [_]6	4 x 2 Solid Wall Duct	4.25 x 2.19	108.0 x 55.6		60		
TY4X3SP [_]6	4 x 3 Solid Wall Duct	4.25 x 3.14	108.0 x 79.8	TY4CP [_]6	60	120	6
TY4X4SP [_]6	4 x 4 Solid Wall Duct	4.25 x 4.46	108.0 x 113.3		30		
TY4X5SP [_]6	4 x 5 Solid Wall Duct	4.25 x 5.15	108.0 x 130.8		30		
TY6X4SP [_]6	6 x 4 Solid Wall Duct	6.25 x 4.46	158.8 x 113.3	TY6CP [_]6	30	60	6

[_] = space for colour identifier.

G = Grey	
W = White	
B = Black	
I = Intrinsic Blue	

Standard lengths are 6 feet.

Catalogue Number must be completed by adding suffix G for Grey, W for White, I for Intrinsic Blue, B for Black.

Example: TY75X1SPG6 is a .75" x 1" solid wall grey duct.

To order duct without mounting holes, add suffix NM to catalogue number.

Example: TY75X1SPG6NM is a .75" x 1" solid wall grey duct with no mounting holes.

To order Adhesive-Backed Duct, add suffix A to Catalogue Number.

Example: TY75X1SPG6A is a .75" x 1" solid wall grey duct with adhesive backing. Shelf life for adhesive is 1 year.

PVC vinyl duct is UL® Recognized CSA Certified and CE Compliant.

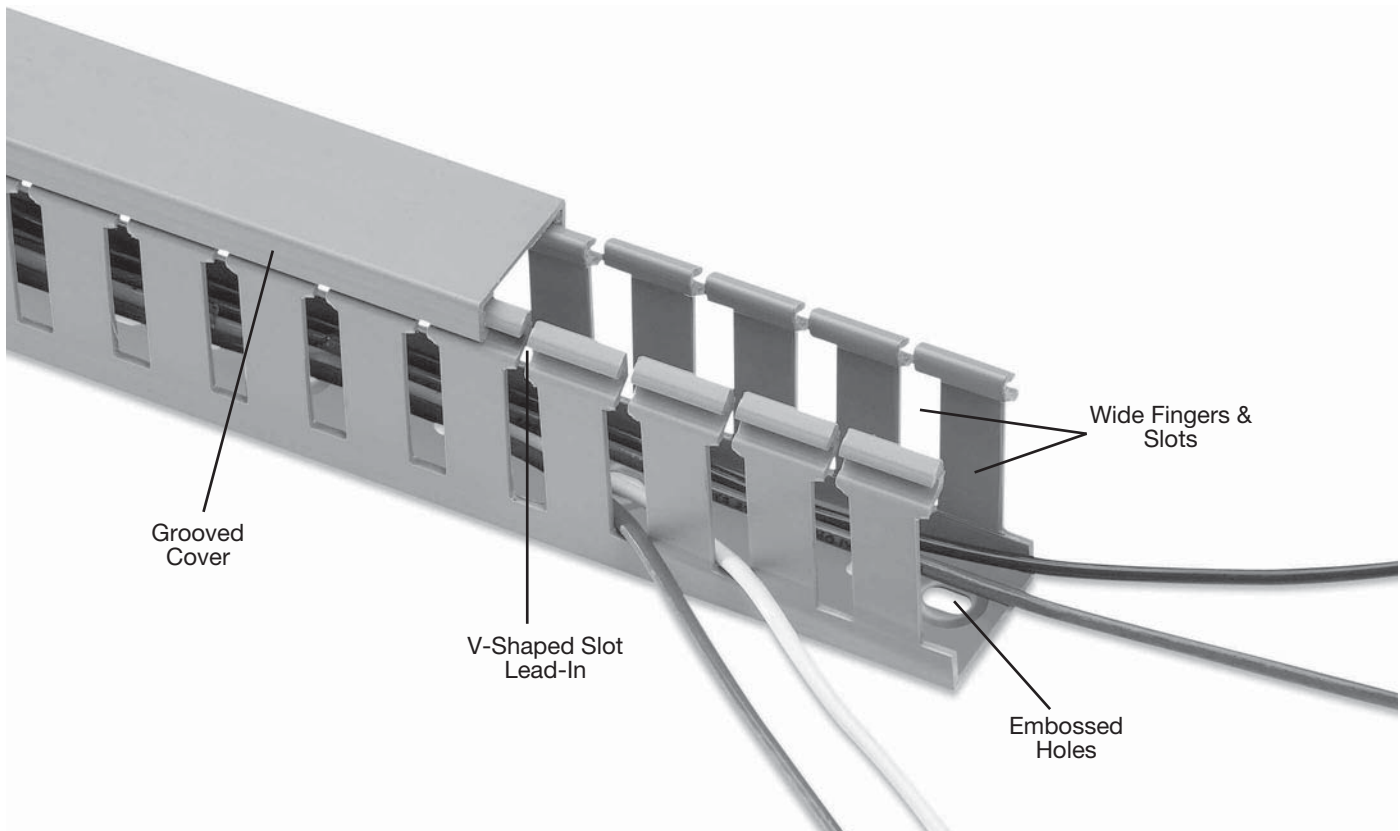
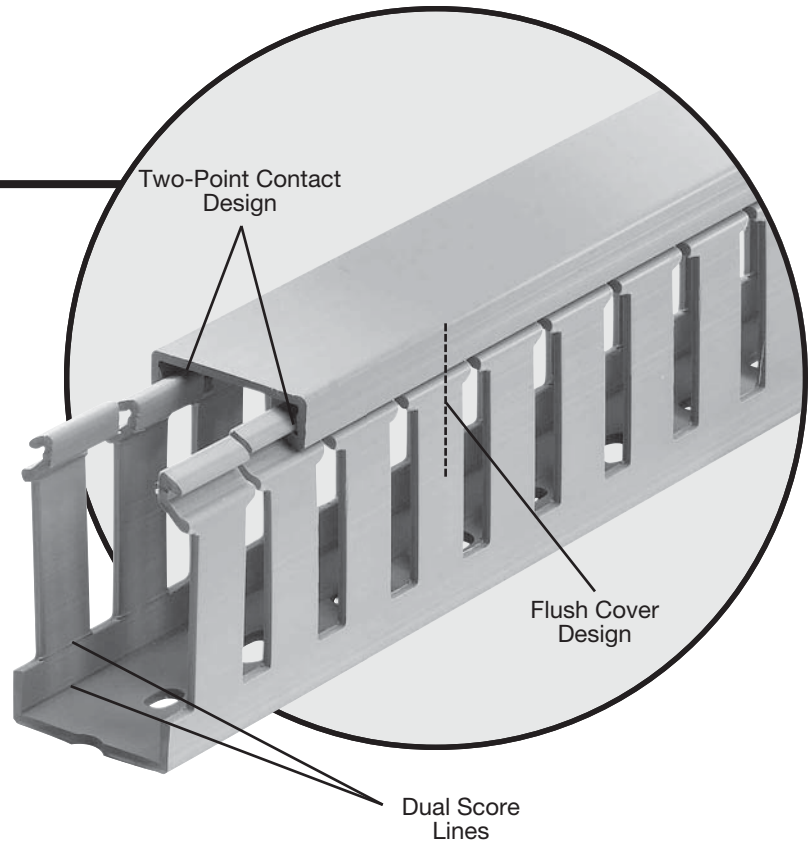
Ty-Duct™

Wide Slot Wiring Duct

Greater sidewall rigidity
with increased versatility!

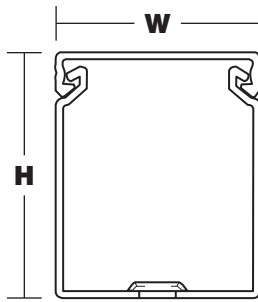
Wide Slot Duct—PVC

- Wide fingers and slots increase rigidity and enable insertion of bundles
- Non-slip cover and resists vibration
- Rounded edges keep hands and wires free of abrasion
- V-shaped slot lead-in enables easier and faster wire installation
- Dual score lines are designed to yield clean breakoffs at the base of the slot and the duct
- Restricted slot design ensures that wires are held with or without the cover inserted
- Flush cover attaches flush with sidewall for finished look
- Improved flush sidewall and cover style for greater wire capacity

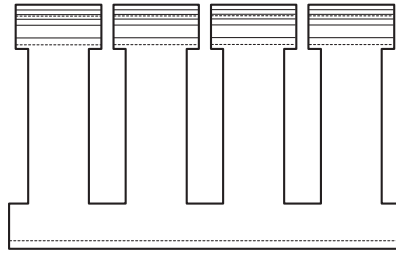


Ty-Duct™

Wide Slot Wiring Duct

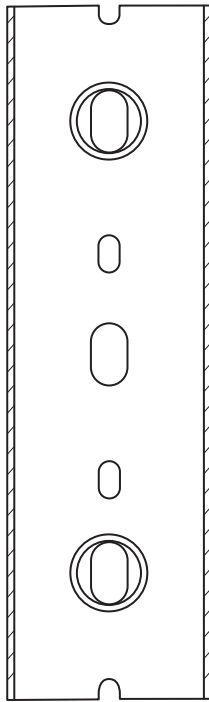


Front View w/Cover



Side View

For a complete listing of Wide Slot dimensional details see page 117.



Bottom View

CAT. NO.	DESCRIPTION	SIZE (W x H)		COVER CAT. NO.	DUCT STD. CTN. QTY	COVER STD. CTN. QTY	LENGTH (FT.)
		IN.	MM				
TY75X1WP [_]6	.75 x 1 Wide Slot Duct	0.94 x 1.14	23.9 x 29.0		120		
TY75X15WP [_]6	.75 x 1.5 Wide Slot Duct	0.94 x 1.60	23.9 x 40.6	TY75CP [_]6	120	120	6
TY75X2WP [_]6	.75 x 2 Wide Slot Duct	0.94 x 2.10	23.9 x 53.3		120		
TY1X1WP [_]6	1 x 1 Wide Slot Duct	1.25 x 1.14	31.8 x 29.0		120		
TY1X15WP [_]6	1 x 1.5 Wide Slot Duct	1.25 x 1.60	31.8 x 40.6		120		
TY1X2WP [_]6	1 x 2 Wide Slot Duct	1.25 x 2.10	31.8 x 53.3	TY1CP [_]6	120	120	6
TY1X3WP [_]6	1 x 3 Wide Slot Duct	1.25 x 3.05	31.8 x 77.5		120		
TY1X4WP [_]6	1 x 4 Wide Slot Duct	1.25 x 4.37	31.8 x 111.0		60		
TY15X1WP [_]6	1.5 x 1 Wide Slot Duct	1.75 x 1.14	44.5 x 29.0		120		
TY15X15WP [_]6	1.5 x 1.5 Wide Slot Duct	1.75 x 1.60	44.5 x 40.6		120		
TY15X2WP [_]6	1.5 x 2 Wide Slot Duct	1.75 x 2.10	44.5 x 53.3	TY15CP [_]6	120	120	6
TY15X3WP [_]6	1.5 x 3 Wide Slot Duct	1.75 x 3.05	44.5 x 77.5		120		
TY15X4WP [_]6	1.5 x 4 Wide Slot Duct	1.75 x 4.37	44.5 x 111.0		60		
TY2X1WP [_]6	2 x 1 Wide Slot Duct	2.25 x 1.24	57.2 x 31.5		120		
TY2X15WP [_]6	2 x 1.5 Wide Slot Duct	2.25 x 1.70	57.2 x 43.2		120		
TY2X2WP [_]6	2 x 2 Wide Slot Duct	2.25 x 2.19	57.2 x 55.6	TY2CP [_]6	120	120	6
TY2X3WP [_]6	2 x 3 Wide Slot Duct	2.25 x 3.14	57.2 x 79.8		60		
TY2X4WP [_]6	2 x 4 Wide Slot Duct	2.25 x 4.46	57.2 x 113.3		60		
TY2X5WP [_]6	2 x 5 Wide Slot Duct	2.25 x 5.15	57.2 x 130.8		60		
TY25X2WP [_]6	2.5 x 2 Wide Slot Duct	2.75 x 2.19	69.9 x 55.6		120		
TY25X3WP [_]6	2.5 x 3 Wide Slot Duct	2.75 x 3.14	69.9 x 79.8	TY25CP [_]6	60	120	6
TY25X4WP [_]6	2.5 x 4 Wide Slot Duct	2.75 x 4.46	69.9 x 113.3		60		
TY3X1WP [_]6	3 x 1 Wide Slot Duct	3.25 x 1.24	82.6 x 31.5		120		
TY3X2WP [_]6	3 x 2 Wide Slot Duct	3.25 x 2.19	82.6 x 55.6		60		
TY3X3WP [_]6	3 x 3 Wide Slot Duct	3.25 x 3.14	82.6 x 79.8	TY3CP [_]6	60	120	6
TY3X4WP [_]6	3 x 4 Wide Slot Duct	3.25 x 4.46	82.6 x 113.3		60		
TY3X5WP [_]6	3 x 5 Wide Slot Duct	3.25 x 5.15	82.6 x 130.8		60		
TY4X15WP [_]6	4 x 1.5 Wide Slot Duct	4.25 x 1.70	108.0 x 43.2		60		
TY4X2WP [_]6	4 x 2 Wide Slot Duct	4.25 x 2.19	108.0 x 55.6		60		
TY4X3WP [_]6	4 x 3 Wide Slot Duct	4.25 x 3.14	108.0 x 79.8	TY4CP [_]6	60	120	6
TY4X4WP [_]6	4 x 4 Wide Slot Duct	4.25 x 4.46	108.0 x 113.3		30		
TY4X5WP [_]6	4 x 5 Wide Slot Duct	4.25 x 5.15	108.0 x 130.8		30		
TY6X4WP [_]6	6 x 4 Wide Slot Duct	6.25 x 4.46	158.8 x 113.3	TY6CP [_]6	30	60	6

[_] = space for colour identifier.

G = Grey	
W = White	
B = Black	
I = Intrinsic Blue	

Standard lengths are 6 feet.

Catalogue Number must be completed by adding suffix G for Grey, W for White, I for Intrinsic Blue, B for Black.

Example: TY75X1WPG6 is a .75" x 1" wide slot grey duct.

To order duct without mounting holes, add suffix NM to catalogue number.

Example: TY75X1WPG6NM is a .75" x 1" wide slot grey duct with no mounting holes.

To order Adhesive-Backed Duct, add suffix A to Catalogue Number.

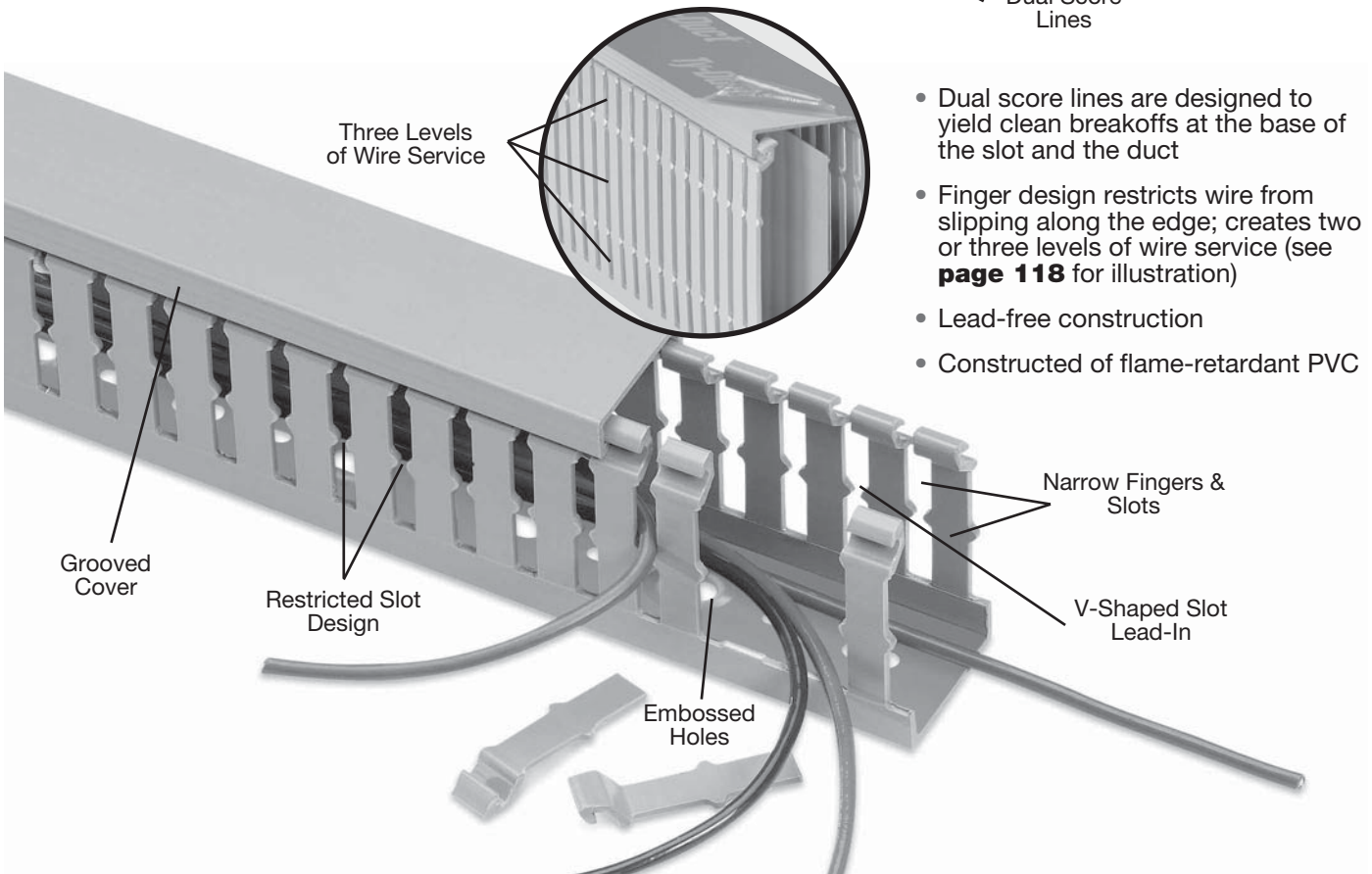
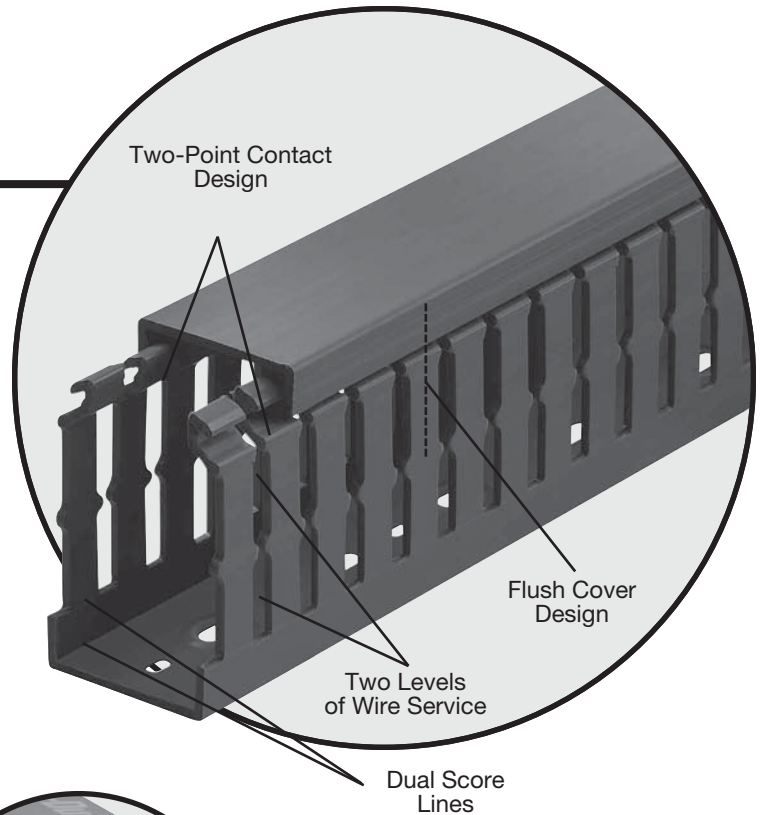
Example: TY75X1WPG6A is a .75" x 1" wide slot grey duct with adhesive backing. Shelf life for adhesive is 1 year.

PVC vinyl duct is UL® Recognized CSA Certified and CE Compliant.

Designed to fit the spacing of high-density terminal blocks!

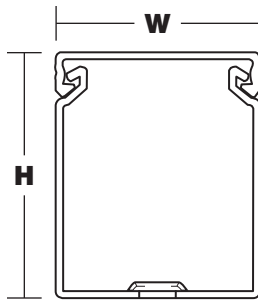
Narrow Slot Wiring Duct

- Smaller, higher number of fingers for more concise harnessing
- Non-slip cover does not slide easily and resists vibration
- Rounded edges keep hands and wires free of abrasion
- V-shaped slot lead-in enables easier and faster wire installation
- Restricted slot design ensures that wires are held with or without the cover inserted
- Flush cover attaches flush with sidewall for finished look
- Versatile North American and DIN Standard mounting holes enable same duct for multiple applications

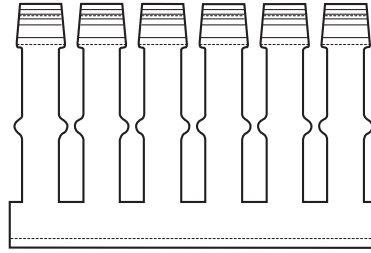


Ty-Duct™

Narrow Slot Wiring Duct

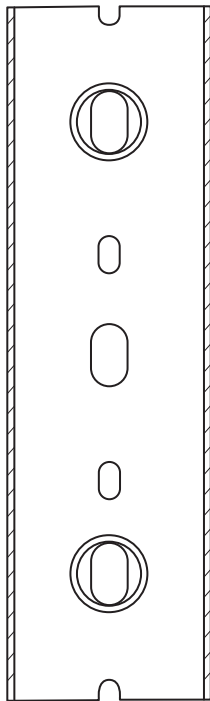


Front View w/Cover



Side View

For a complete listing of Narrow Slot dimensional details see page 118.



Bottom View

CAT. NO.	DESCRIPTION	SIZE (W x H)		COVER CAT. NO.	DUCT STD. CTN. QTY	COVER STD. CTN. QTY	LENGTH (FT.)
		IN.	MM				
TY75X15NP [_] 6	.75 x 1.5 Narrow Slot Duct	0.94 x 1.60	23.9 x 40.6	TY75CP [_] 6	120	120	6
TY1X1NP [_] 6	1 x 1 Narrow Slot Duct	1.25 x 1.14	31.8 x 29.0		120		
TY1X15NP [_] 6	1 x 1.5 Narrow Slot Duct	1.25 x 1.60	31.8 x 40.6		120		
TY1X2NP [_] 6	1 x 2 Narrow Slot Duct	1.25 x 2.10	31.8 x 53.3	TY1CP [_] 6	120	120	6
TY1X3NP [_] 6	1 x 3 Narrow Slot Duct	1.25 x 3.05	31.8 x 77.5		120		
TY1X4NP [_] 6	1 x 4 Narrow Slot Duct	1.25 x 4.37	31.8 x 111.0		60		
TY15X1NP [_] 6	1.5 x 1 Narrow Slot Duct	1.75 x 1.14	44.5 x 29.0		120		
TY15X15NP [_] 6	1.5 x 1.5 Narrow Slot Duct	1.75 x 1.60	44.5 x 40.6		120		
TY15X2NP [_] 6	1.5 x 2 Narrow Slot Duct	1.75 x 2.10	44.5 x 53.3	TY15CP [_] 6	120	120	6
TY15X3NP [_] 6	1.5 x 3 Narrow Slot Duct	1.75 x 3.05	44.5 x 77.5		120		
TY15X4NP [_] 6	1.5 x 4 Narrow Slot Duct	1.75 x 4.37	44.5 x 111.0		60		
TY2X1NP [_] 6	2 x 1 Narrow Slot Duct	2.25 x 1.24	57.2 x 31.5		120		
TY2X15NP [_] 6	2 x 1.5 Narrow Slot Duct	2.25 x 1.70	57.2 x 43.2		120		
TY2X2NP [_] 6	2 x 2 Narrow Slot Duct	2.25 x 2.19	57.2 x 55.6	TY2CP [_] 6	120	120	6
TY2X3NP [_] 6	2 x 3 Narrow Slot Duct	2.25 x 3.14	57.2 x 79.8		60		
TY2X4NP [_] 6	2 x 4 Narrow Slot Duct	2.25 x 4.46	57.2 x 113.3		60		
TY2X5NP [_] 6	2 x 5 Narrow Slot Duct	2.25 x 5.15	57.2 x 130.8		60		
TY25X2NP [_] 6	2.5 x 2 Narrow Slot Duct	2.75 x 2.19	69.9 x 55.6		120		
TY25X3NP [_] 6	2.5 x 3 Narrow Slot Duct	2.75 x 3.14	69.9 x 79.8	TY25CP [_] 6	60	120	6
TY25X4NP [_] 6	2.5 x 4 Narrow Slot Duct	2.75 x 4.46	69.9 x 113.3		60		
TY3X1NP [_] 6	3 x 1 Narrow Slot Duct	3.25 x 1.24	82.6 x 31.5		120		
TY3X2NP [_] 6	3 x 2 Narrow Slot Duct	3.25 x 2.19	82.6 x 55.6		60		
TY3X3NP [_] 6	3 x 3 Narrow Slot Duct	3.25 x 3.14	82.6 x 79.8	TY3CP [_] 6	60	120	6
TY3X4NP [_] 6	3 x 4 Narrow Slot Duct	3.25 x 4.46	82.6 x 113.3		60		
TY3X5NP [_] 6	3 x 5 Narrow Slot Duct	3.25 x 5.15	82.6 x 130.8		60		
TY4X2NP [_] 6	4 x 2 Narrow Slot Duct	4.25 x 2.19	108.0 x 55.6		60		
TY4X3NP [_] 6	4 x 3 Narrow Slot Duct	4.25 x 3.14	108.0 x 79.8	TY4CP [_] 6	60	120	6
TY4X4NP [_] 6	4 x 4 Narrow Slot Duct	4.25 x 4.46	108.0 x 113.3		30		
TY4X5NP [_] 6	4 x 5 Narrow Slot Duct	4.25 x 5.15	108.0 x 130.8		30		
TY6X4NP [_] 6	6 x 4 Narrow Slot Duct	6.25 x 4.46	158.8 x 113.3	TY6CP [_] 6	30	60	6

[_] = space for colour identifier.

G = Grey	
W = White	
B = Black	
I = Intrinsic Blue	

Standard lengths are 6 feet.

Catalogue Number must be completed by adding suffix G for Grey, W for White, I for Intrinsic Blue, B for Black.

Example: TY75X15NPB6 a .75" x 1.5" narrow slot black duct.

To order duct without mounting holes, add suffix NM to catalogue number.

Example: TY75X15NPB6NM a .75" x 1.5" narrow slot black duct with no mounting holes.

To order Adhesive-Backed Duct, add suffix A to Catalogue Number.

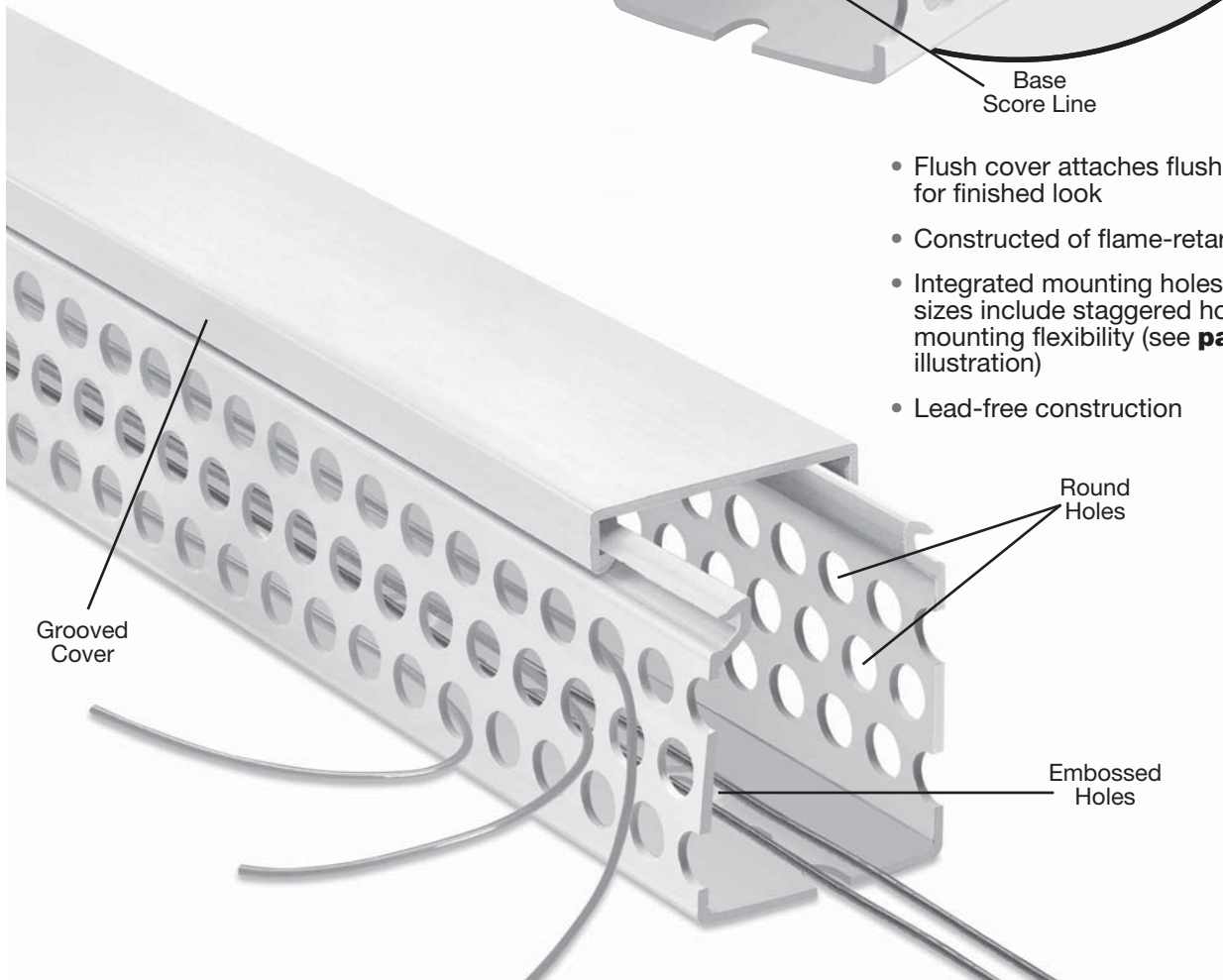
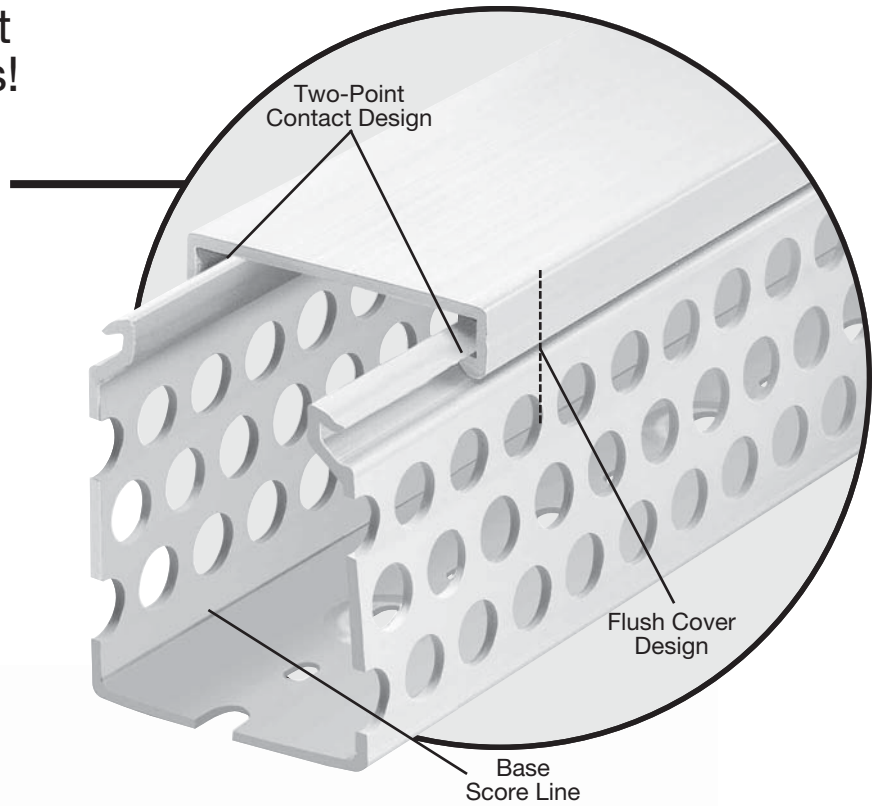
Example: TY75X15NPB6A a .75" x 1.5" narrow slot black duct with adhesive backing. Shelf life for adhesive is 1 year.

PVC vinyl duct is UL® Recognized CSA Certified and CE Compliant.

Holes retain and support wires at different heights!

Round Hole Wiring Duct

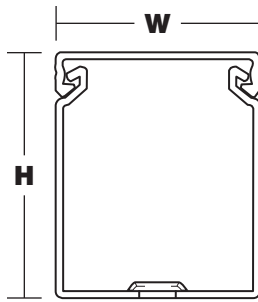
- Multiple rows of holes retain wire at different heights and positions with or without the cover
- Features maximum number of wire holes
- Greater wall rigidity than open slot duct
- Non-slip cover does not slide easily and resists vibration
- Rounded edges keep hands and wires free of abrasion
- Base score line enables sidewall section to be removed



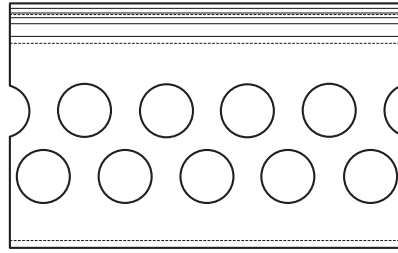
- Flush cover attaches flush with sidewall for finished look
- Constructed of flame-retardant PVC
- Integrated mounting holes — larger sizes include staggered holes for mounting flexibility (see **page 119** for illustration)
- Lead-free construction

Ty-Duct™

Round Hole Wiring Duct

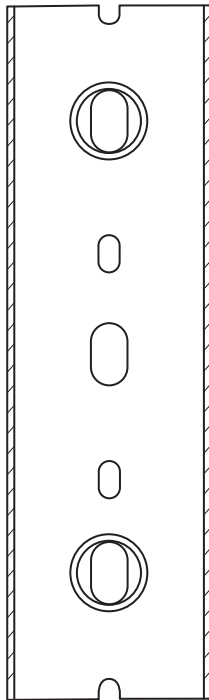


Front View w/Cover



Side View

For a complete listing of Round Hole dimensional details see page 119.



Bottom View

CAT. NO.	DESCRIPTION	SIZE (W x H)		COVER CAT. NO.	DUCT STD. CTN. QTY	COVER STD. CTN. QTY	LENGTH (FT.)
		IN.	MM				
TY1X15RP [_] 6	1 x 1.5 Round Hole Duct	1.75 x 1.60	44.5 x 40.6		120		
TY1X2RP [_] 6	1 x 2 Round Hole Duct	1.25 x 2.10	31.8 x 53.3	TY1CP [_] 6	120	120	6
TY1X3RP [_] 6	1 x 3 Round Hole Duct	1.25 x 3.05	31.8 x 77.5		120		
TY1X4RP [_] 6	1 x 4 Round Hole Duct	1.25 x 4.37	31.8 x 111.0		60		
TY15X15RP [_] 6	1.5 x 1.5 Round Hole Duct	1.75 x 1.60	44.5 x 40.6		120		
TY15X2RP [_] 6	1.5 x 2 Round Hole Duct	1.75 x 2.10	44.5 x 53.3	TY15CP [_] 6	120	120	6
TY15X3RP [_] 6	1.5 x 3 Round Hole Duct	1.75 x 3.05	44.5 x 77.5		120		
TY15X4RP [_] 6	1.5 x 4 Round Hole Duct	1.75 x 4.37	44.5 x 111.0		60		
TY2X15RP [_] 6	2 x 1.5 Round Hole Duct	2.25 x 1.70	57.2 x 43.2		120		
TY2X2RP [_] 6	2 x 2 Round Hole Duct	2.25 x 2.19	57.2 x 55.6	TY2CP [_] 6	120	120	6
TY2X3RP [_] 6	2 x 3 Round Hole Duct	2.25 x 3.14	57.2 x 79.8		60		
TY2X4RP [_] 6	2 x 4 Round Hole Duct	2.25 x 4.46	57.2 x 113.3		60		
TY3X2RP [_] 6	3 x 2 Round Hole Duct	3.25 x 2.19	82.6 x 55.6		60		
TY3X3RP [_] 6	3 x 3 Round Hole Duct	3.25 x 3.14	82.6 x 79.8	TY3CP [_] 6	60	120	6
TY3X4RP [_] 6	3 x 4 Round Hole Duct	3.25 x 4.46	82.6 x 113.3		60		
TY4X15RP [_] 6	4X1.5 Round Hole Duct	4.25 x 1.70	108.0 x 43.2		60		
TY4X2RP [_] 6	4X2 Round Hole Duct	4.25 x 2.19	108.0 x 55.6	TY4CP [_] 6	60	120	6
TY4X3RP [_] 6	4X3 Round Hole Duct	4.25 x 3.14	108.0 x 79.8		60		
TY4X4RP [_] 6	4X4 Round Hole Duct	4.25 x 4.46	108.0 x 113.3		30		

[_]= space for colour identifier.

G = Grey

W = White

B = Black

I = Intrinsic Blue

Standard lengths are 6 feet.

Catalogue Number must be completed by adding suffix G for Grey, W for White, I for Intrinsic Blue, B for Black.

Example: TY1X15RPG6 is a 1" x 1.5" round hole grey duct.

To order duct without mounting holes, add suffix NM to catalogue number.

Example: TY1X15RPG6NM is a 1" x 1.5" round hole grey duct with no mounting holes.

To order Adhesive-Backed Duct, add suffix A to Catalogue Number.

Example: TY1X15RPG6A is a 1" x 1.5" round hole grey duct with adhesive backing.

PVC vinyl duct is UL® Recognized , CSA Certified and CE Compliant.

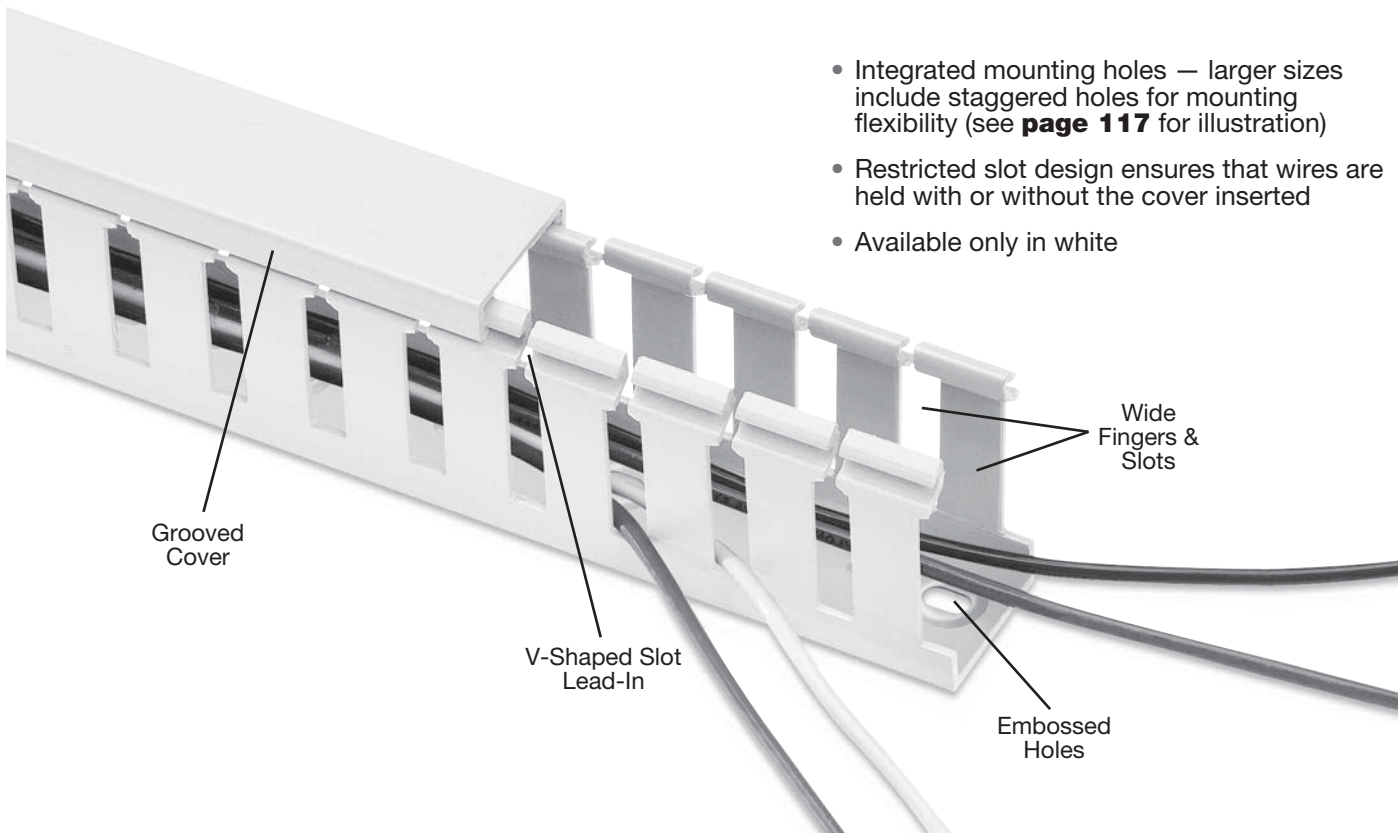
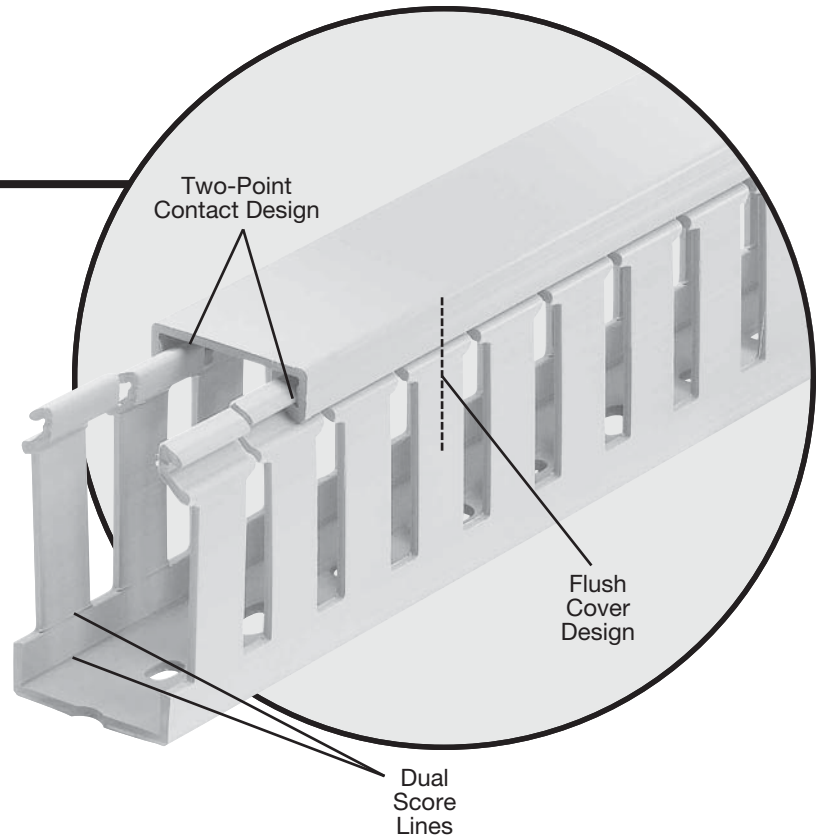
Ty-Duct™

Wide Slot Wiring Duct—Halogen Free

Perfect for high-temperature areas!

Wide Slot Wiring Duct—Halogen-Free

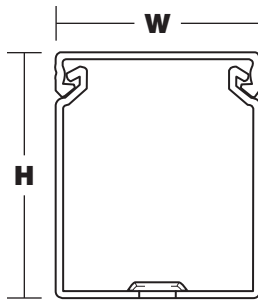
- Halogen-free construction
- Higher temperature rating than PVC
- Wide fingers and slots increase rigidity and enable for insertion of bundles
- Non-slip cover does not slide easily and resists vibration
- Rounded edges keep hands and wires free of abrasion
- Dual score lines are designed to yield clean breakoffs at the base of the slot and the duct
- V-shaped slot lead-in enables easier and faster wire installation



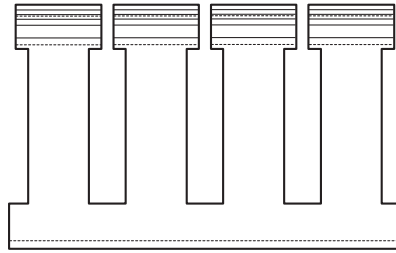
- Integrated mounting holes — larger sizes include staggered holes for mounting flexibility (see **page 117** for illustration)
- Restricted slot design ensures that wires are held with or without the cover inserted
- Available only in white

Ty-Duct™

Wide Slot Wiring Duct—Halogen Free

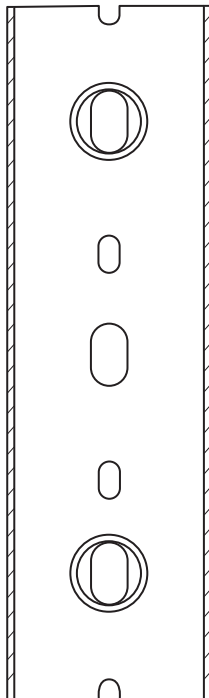


Front View w/Cover



Side View

For a complete listing of Wide Slot dimensional details see page 117.



Bottom View

W = White

CAT. NO.	DESCRIPTION	SIZE (W x H)		COVER CAT. NO.	DUCT STD. CTN. QTY	COVER STD. CTN. QTY	LENGTH (FT.)
		IN.	MM				
TY1X1WHW6	1 x 1 Halogen-Free White Duct	1.25 x 1.14	31.8 x 29.0		120		
TY1X15WHW6	1 x 1.5 Halogen-Free White Duct	1.25 x 1.60	31.8 x 40.6		120		
TY1X2WHW6	1 x 2 Halogen-Free White Duct	1.25 x 2.10	31.8 x 53.3	TY1CHW6	120	120	6
TY1X3WHW6	1 x 3 Halogen-Free White Duct	1.25 x 3.05	31.8 x 77.5		120		
TY1X4WHW6	1 x 4 Halogen-Free White Duct	1.25 x 4.37	31.8 x 111.0		60		
TY15X15WHW6	1.5 x 1.5 Halogen-Free White Duct	1.75 x 1.60	44.5 x 40.6		120		
TY15X2WHW6	1.5 x 2 Halogen-Free White Duct	1.75 x 2.10	44.5 x 53.3	TY15CHW6	120	120	6
TY15X3WHW6	1.5 x 3 Halogen-Free White Duct	1.75 x 3.05	44.5 x 77.5		120		
TY15X4WHW6	1.5 x 4 Halogen-Free White Duct	1.75 x 4.37	44.5 x 111.0		60		
TY2X1WHW6	2 x 1 Halogen-Free White Duct	2.25 x 1.24	57.2 x 31.5		120		
TY2X2WHW6	2 x 2 Halogen-Free White Duct	2.25 x 2.19	57.2 x 55.6	TY2CHW6	120	120	6
TY2X3WHW6	2 x 3 Halogen-Free White Duct	2.25 x 3.14	57.2 x 79.8		60		
TY2X4WHW6	2 x 4 Halogen-Free White Duct	2.25 x 4.46	57.2 x 113.3		60		
TY25X3WHW6	2.5 x 3 Halogen-Free White Duct	2.75 x 3.14	69.9 x 79.8	TY25CHW6	60	120	6
TY3X1WHW6	3 x 1 Halogen-Free White Duct	3.25 x 1.24	82.6 x 31.5		120		
TY3X2WHW6	3 x 2 Halogen-Free White Duct	3.25 x 2.19	82.6 x 55.6		60		
TY3X3WHW6	3 x 3 Halogen-Free White Duct	3.25 x 3.14	82.6 x 79.8	TY3CHW6	60	120	6
TY3X4WHW6	3 x 4 Halogen-Free White Duct	3.25 x 4.46	82.6 x 113.3		60		
TY3X5WHW6	3 x 5 Halogen-Free White Duct	3.25 x 5.15	82.6 x 130.8		60		
TY4X2WHW6	4 x 2 Halogen-Free White Duct	4.25 x 2.19	108.0 x 55.6		60		
TY4X3WHW6	4 x 3 Halogen-Free White Duct	4.25 x 3.14	108.0 x 79.8	TY4CHW6	60	120	6
TY4X4WHW6	4 x 4 Halogen-Free White Duct	4.25 x 4.46	108.0 x 113.3		30		
TY4X5WHW6	4 x 5 Halogen-Free White Duct	4.25 x 5.15	108.0 x 130.8		30		

Standard lengths are 6 feet.

To order duct without mounting holes, add suffix NM to catalogue number.

Example: TY1XWHW6NM is a 1" x 1" wide slot halogen-free white duct with no mounting holes.

Vinyl duct is UL® Recognized , CSA Certified and meets the JIC requirements.

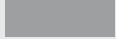
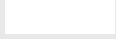


PVC vinyl duct is UL® Recognized , CSA Certified and CE Compliant.

Trust Thomas and Betts for all your wiring accessories!

Features include:

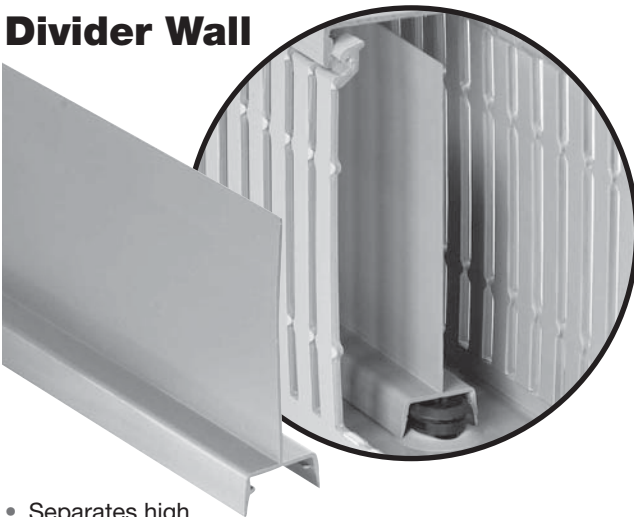
- Divider Walls, enabling multiple channels to be created within a duct channel
- Universal Mounting Clips that secure channels and wires
- Corner Strips that keep corners rigid at tee junctions when used for control panel applications
- Joining Strips to unite sections of duct and keep the wall rigid
- Plastic Rivets for securing ducts quickly and easily

[_] = space for colour identifier:

G = Grey	
W = White	
B = Black	
I = Intrinsic Blue	

Create multiple channels inside wiring ducts!

Divider Wall



- Separates high and low voltage to reduce shortages and interference
- Mount inside any Ty-Duct™ PVC wiring duct using Universal Mounting Clips
- Score lines enable sections to be removed
- Solid and Wide Slotted style

CAT. NO.	DESCRIPTION	LENGTH (FT.)	STD. CTN. QTY
TY1D[_]P[_]6	1" High Wall Divider	6	120
TY1.5D[_]P[_]6	1.5" High Wall Divider	6	120
TY2D[_]P[_]6	2" High Wall Divider	6	120
TY3D[_]P[_]6	3" High Wall Divider	6	120
TY4D[_]P[_]6	4" High Wall Divider	6	120
TY5D[_]P[_]6	5" High Wall Divider	6	120

Catalogue Number must be completed by adding suffix S for Solid or W for Wide Slot.

Example: TY2DSPG6 is a 2" high solid wall grey divider.

Catalogue Number must be completed by adding suffix G for Grey, W for White, I for Intrinsic Blue, B for Black.

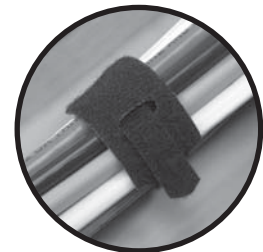
Example: TY2DSPG6 is a 2" high solid wall grey divider.

One size fits all!

Universal Mounting Clips



- Added before or after the duct is in place, without additional hardware
- Twists on into place —holds securely
- Installs easily using a screwdriver
- Accommodates up to 40 lb. cable ties
- Black polycarbonate



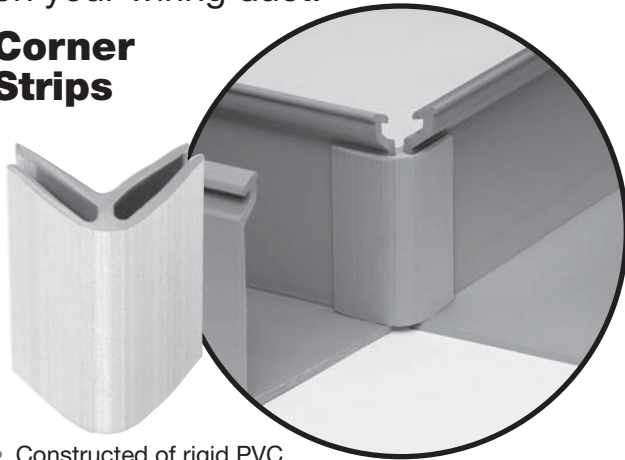
CAT. NO.	DESCRIPTION	QTY
UMC	Universal Fastener Mount	100 pk

Ty-Duct™

Accessories

Install smooth round corners on your wiring duct!

Corner Strips



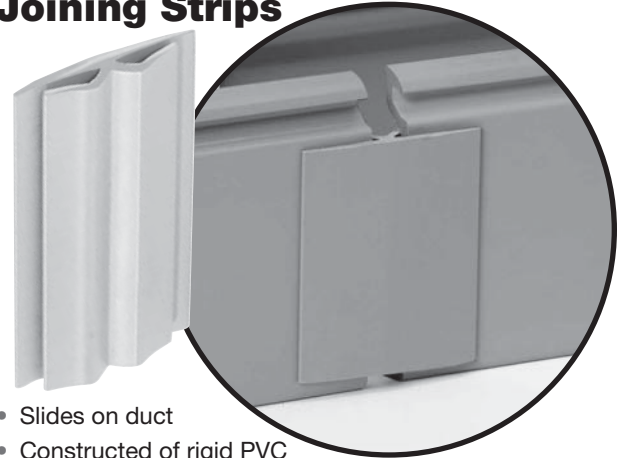
- Constructed of rigid PVC
- One-piece design makes installation a snap
- Works with any Ty-Duct™ wiring duct
- Select from a variety of sizes

CAT. NO.	DESCRIPTION	LENGTH (FT.)	STD. CTN. QTY
TYCS[_]6	Corner Strip	6	120

Catalogue Number must be completed by adding suffix G for Grey, W for White, I for Intrinsic Blue, B for Black.
Example: TYCSG6 is a grey corner strip.

Join duct sections easily!

Joining Strips



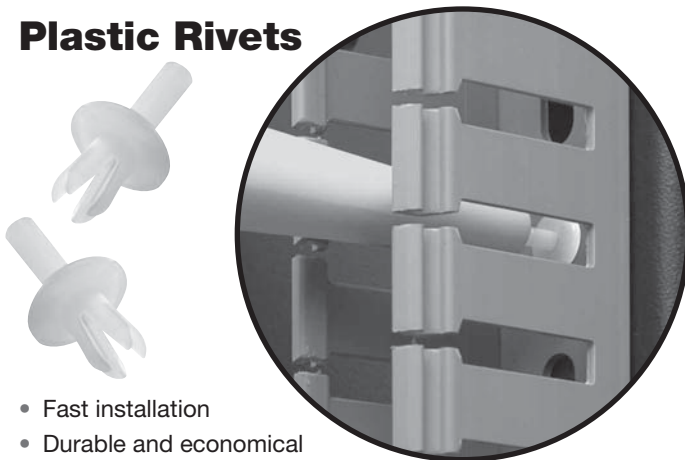
- Slides on duct
- Constructed of rigid PVC
- One-piece design makes installation easy
- Works with any Ty-Duct wiring duct

CAT. NO.	DESCRIPTION	LENGTH (FT.)	STD. CTN. QTY
TYJS[_]6	Joining Strip	6	120

Catalogue Number must be completed by adding suffix G for Grey, W for White, I for Intrinsic Blue, B for Black.
Example: TYJSG6 is a grey joining strip.

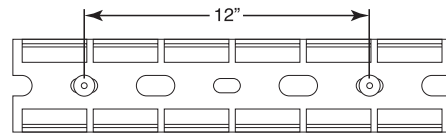
Plastic rivets make mounting ducts easy!

Plastic Rivets

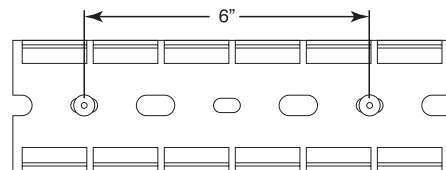


- Fast installation
- Durable and economical
- One size

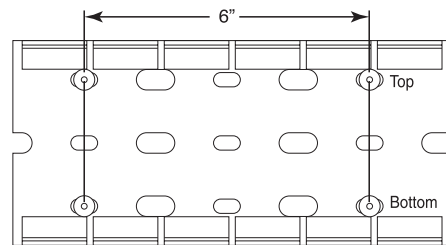
CAT. NO.	DESCRIPTION	QTY
08200C	3/16" Plastic Rivet	100 pk
08200M	3/16" Plastic Rivet	1000 pk



Minimum mounting rivet distance for ducts less than 1 1/2" wide.



Minimum mounting rivet distance for ducts 1 1/2" to 2 1/2" wide.



Minimum mounting rivet distance for ducts greater than 2 1/2" wide. Installed top and bottom.

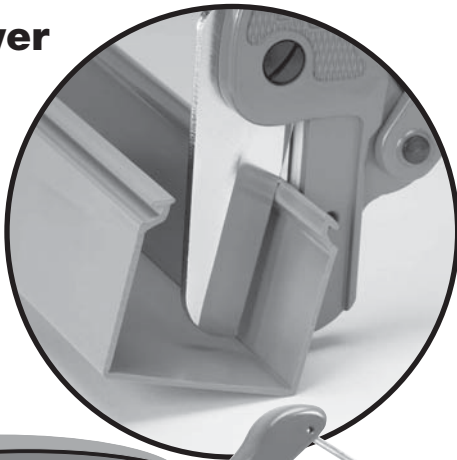
The wiring duct tools you need for every application!

Features include:

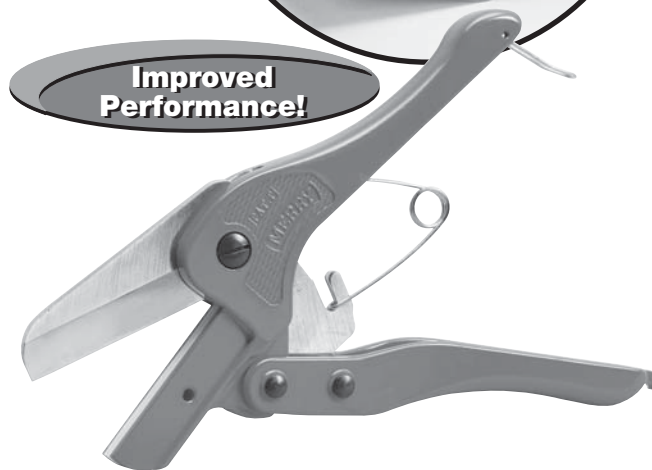
- Duct Cutting Tools for a clean professional finish
- Finger Cutting Tools that make modifications simple
- Notching Tools for duct sidewalls to facilitate tee and corner junctions
- Benchmount Cutting Tools for fast, high volume duct cutting
- Rivet Installation Tools for quick duct mounting

Lightweight and durable!

Duct/Cover Cutting Tool



Improved Performance!

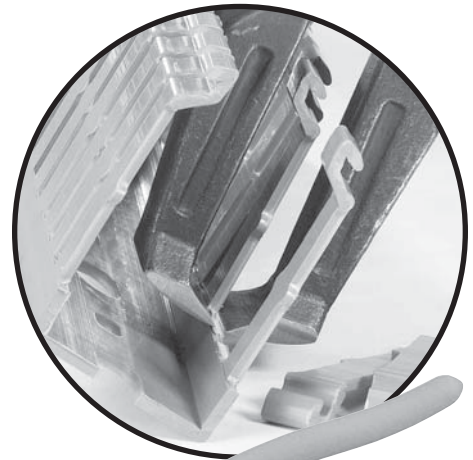


- All-steel construction
- Sharp cutting surface
- Replacement blades available

CAT. NO.	DESCRIPTION
SX-15TB	Handheld Duct Cutter

Cut duct fingers easily!

Finger Cutting Tool



- Rugged die-cast construction with insulated handles for a comfortable, non-slip grip
- Removes duct fingers in tight places
- Works with all slotted wiring duct
- Also cuts round and solid wall duct
- Spring loaded

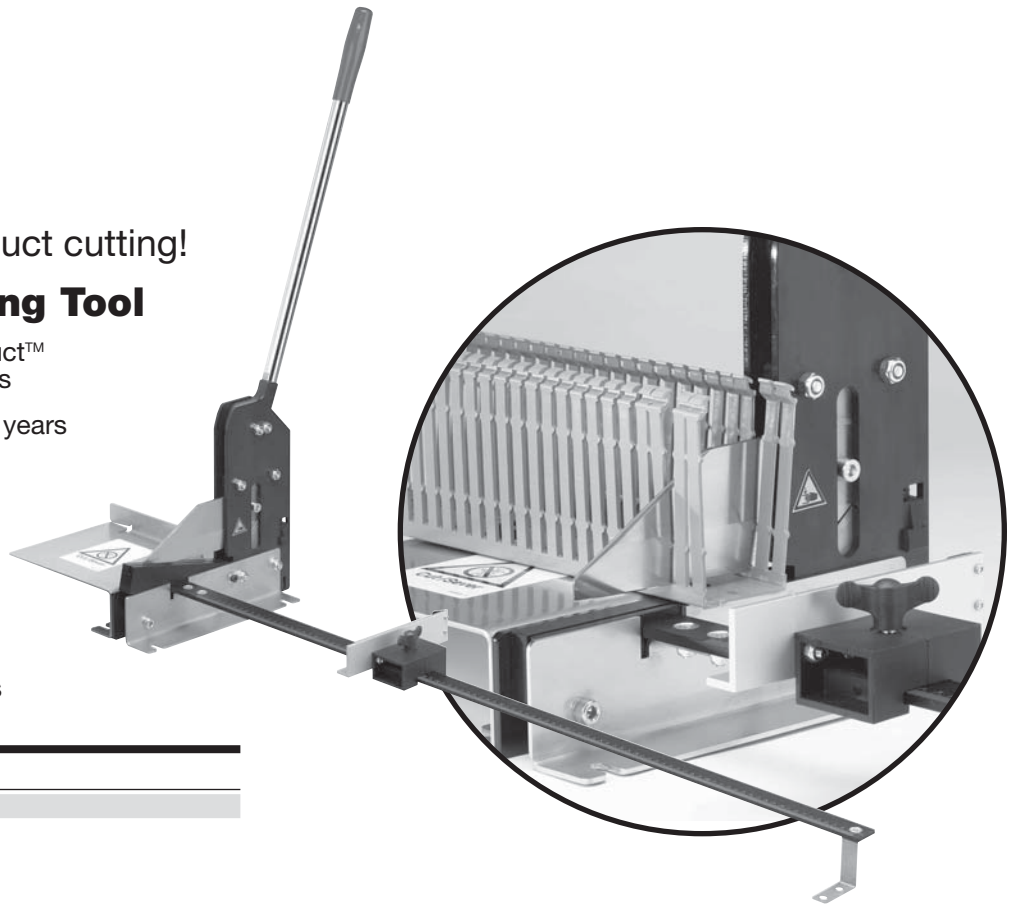
CAT. NO.	DESCRIPTION
DK-65TB	Duct Finger Cutter

Ty-Duct™ Tools

For fast, high volume duct cutting!

Benchmark Cutting Tool

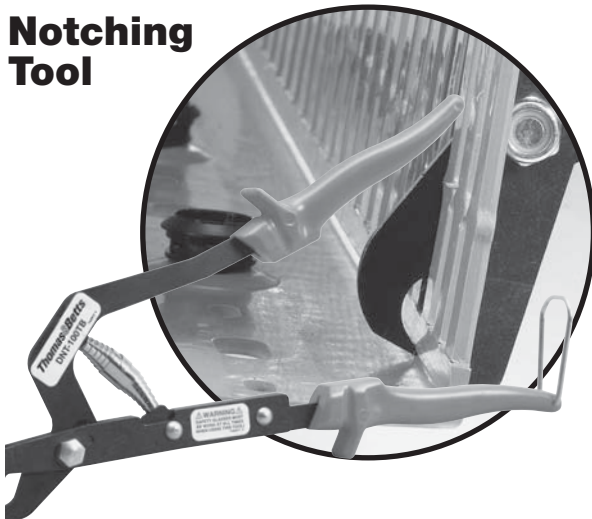
- Engineered for use with Ty-Duct™ plastic wiring ducts and covers
- All-steel construction lasts for years
- Adjustable gauge sets the desired length of duct
- Easy-to-read measuring indicator
- Adjustable stop for easy repeated cutting
- Sharp, easy-to-replace blades



CAT. NO.	DESCRIPTION
DC-125TB	Benchmark Duct Cutter

Notch duct sidewalls fast!

Notching Tool

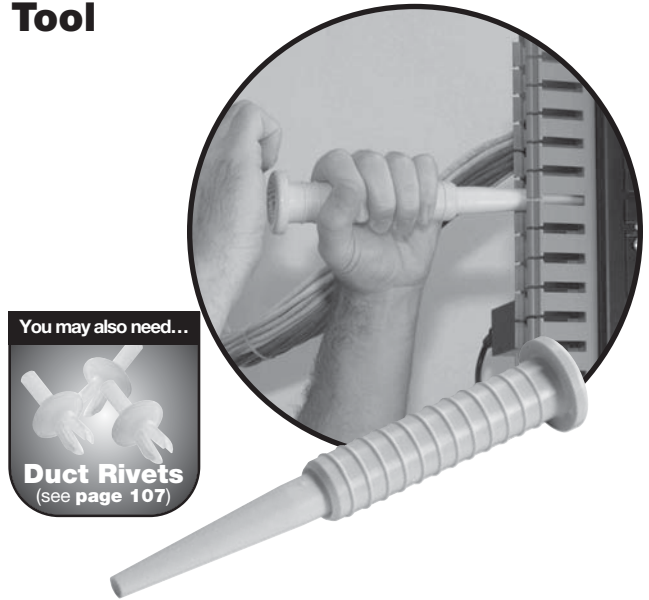


- Notches sidewalls to bottom scoreline
- Facilitates tee and corner junctions
- Rugged design
- Easy to use
- Spring loaded

CAT. NO.	DESCRIPTION
DNT-100TB	Duct Notching Tool

Mount ducts quickly!

Rivet Installation Tool



You may also need...
Duct Rivets
(see page 107)

- Use for setting duct rivets
- Pressure on the tool head secures the rivet in place

CAT. NO.	DESCRIPTION
08205	08200 Series Rivet Installation Tool

Wiring Duct – Wire Fill Capacity

NOTE: Wire fill is based on 50% fill of duct area.

NOMINAL DUCT SIZE AREA (INCHES) (INCHES ²) W H			ELECTRICAL											DATA CABLE					
			8 AWG		10 AWG		12 AWG		14 AWG			16 AWG		18 AWG		22 AWG	24 AWG		
			0.216	0.153	0.122	0.158	0.105	0.139	0.165	0.096	0.125	0.084	0.113	0.065	0.217	0.250	0.422		
			THHN	THHN	THHN	MTW	THHN	MTW	MTW	THHN	MTW	THHN	MTW	MTW	UTP/CM CAT5E	UTP/CM CAT6	UTP/CM		
0.75 X 1.00	0.750	5	9	14	9	19	11	8	23	14	30	17	51	5	3	1			
0.75 X 1.50	1.125	7	14	22	13	29	17	12	35	21	46	25	76	7	5	2			
0.75 X 2.00	1.500	9	18	29	17	39	22	16	47	27	61	34	101	9	7	2			
1.00 X 1.00	1.000	6	12	19	11	26	15	10	31	18	40	22	68	6	5	2			
1.00 X 1.50	1.500	9	18	29	17	39	22	16	47	27	61	34	101	9	7	2			
1.00 X 2.00	2.000	12	24	38	23	52	30	21	62	37	81	45	135	12	9	3			
1.00 X 3.00	3.000	18	37	58	34	78	44	31	93	55	121	67	203	18	14	5			
1.00 X 4.00	4.000	24	49	77	46	104	59	42	124	73	162	90	270	24	18	6			
1.50 X 1.00	1.500	9	18	29	17	39	22	16	47	27	61	34	101	9	7	2			
1.50 X 1.50	2.250	14	27	43	26	58	33	24	70	41	91	50	152	14	10	4			
1.50 X 2.00	3.000	18	37	58	34	78	44	31	93	55	121	67	203	18	14	5			
1.50 X 3.00	4.500	27	55	86	52	117	67	47	140	82	182	101	304	27	21	7			
1.50 X 4.00	6.000	36	73	115	69	155	89	63	186	110	243	134	406	36	27	10			
2.00 X 1.00	2.000	12	24	38	23	52	30	21	62	37	81	45	135	12	9	3			
2.00 X 1.50	3.000	18	37	58	34	78	44	31	93	55	121	67	203	18	14	5			
2.00 X 2.00	4.000	24	49	77	46	104	59	42	124	73	162	90	270	24	18	6			
2.00 X 3.00	6.000	36	73	115	69	155	89	63	186	110	243	134	406	36	27	10			
2.00 X 4.00	8.000	48	98	154	92	207	118	84	248	146	324	179	541	49	37	13			
2.00 X 5.00	10.000	60	122	192	114	259	148	105	310	183	405	224	676	61	46	16			
2.50 X 2.00	5.000	30	61	96	57	130	74	52	155	91	202	112	338	30	23	8			
2.50 X 3.00	7.500	45	92	144	86	194	111	79	233	137	304	168	507	46	34	12			
2.50 X 4.00	10.000	60	122	192	114	259	148	105	310	183	405	224	676	61	46	16			
3.00 X 1.00	3.000	18	37	58	34	78	44	31	93	55	121	67	203	18	14	5			
3.00 X 2.00	6.000	36	73	115	69	155	89	63	186	110	243	134	406	36	27	10			
3.00 X 3.00	9.000	54	110	173	103	233	133	94	279	165	364	201	609	55	41	14			
3.00 X 4.00	12.000	72	146	230	137	311	177	126	372	219	486	269	811	73	55	19			
3.00 X 5.00	15.000	90	183	288	172	389	222	157	465	274	607	336	1014	91	69	24			
4.00 X 1.50	6.000	36	73	115	69	155	89	63	186	110	243	134	406	36	27	10			
4.00 X 2.00	8.000	48	98	154	92	207	118	84	248	146	324	179	541	49	37	13			
4.00 X 3.00	12.000	72	146	230	137	311	177	126	372	219	486	269	811	73	55	19			
4.00 X 4.00	16.000	96	195	307	183	415	237	168	496	293	648	358	1082	97	73	26			
4.00 X 5.00	20.000	120	244	384	229	518	296	210	620	366	810	448	1352	121	91	32			
6.00 X 4.00	24.000	144	293	461	275	622	355	252	744	439	972	537	1623	146	110	39			

Formula for Calculating Fill Capacity

$$\text{Number of wires} = \frac{\text{Duct } W \times H}{1.75 \times (\text{Wire O.D.})^2} \div 2$$

Properties of Materials Used in Wiring Duct

Property	Units	ASTM Test	PVC	Halogen Free
Specific Gravity		D792	1.43	1.10
IZOD	ft.-lb./in.	D256	2	5.0
Flexural Strength	psi	D790	10,900	12,800
Flexural Modulus	psi	D790	382,000	360,000
Tensile Strength	psi	D638	5,500	7,800
Compressive Strength	psi	D695	8,600	16,000
Water Absorption	24 hrs.-%	D570	0.10	0.07
Hardness	Rockwell	D785	R-111	R-115
	Duro D	D676	78	
Dielectric Strength 60Hz, 25° C,	vpm	D149		400
Dielectric Constant 60Hz, Dry 1MHz, Dry		D150		
			1.9	2.65
				2.64
Volume Resistivity	ohm-cm	D257		1017
Heat Deflecting (° F@ 264 psi)	° F	D648	158	212
Flammability			94 V-O	94 V-1

The above information is believed reliable. The user should, however, check the applicable specifications to verify values.

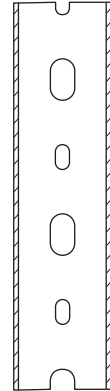
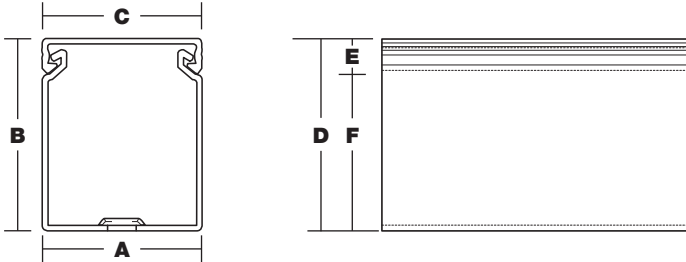
Rigid Polyvinyl Chloride (PVC)

- General-purpose material for indoor applications
- UL flammability rating of V-0
- UL94 recognized for use in temperatures up to 50° C (122° F)
- Economical wiring duct material

Halogen Free

- For use in halogen-free or high-temperature applications
- UL flammability rating of V-1
- UL94 recognized for use in temperatures up to 95° C (203° F)
- 20% lighter than PVC

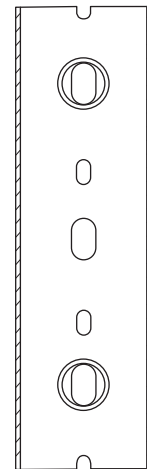
Thomas & Betts Solid Wall (PVC) Wiring Duct Dimensions



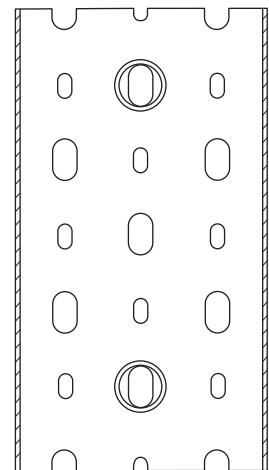
Pattern for 3/4" & 1"

TRADE SIZE		DIMENSIONS (INCHES)					
W	H	A	B	C	D	E	F
0.75 X 1.00		0.94	1.14	0.94	1.03	0.26	0.77
0.75 X 1.50		0.94	1.60	0.94	1.50	0.27	1.23
0.75 X 2.00		0.94	2.10	0.94	2.01	0.29	1.73
1.00 X 1.00		1.25	1.14	1.25	1.03	0.26	0.77
1.00 X 1.50		1.25	1.60	1.25	1.50	0.27	1.23
1.00 X 2.00		1.25	2.10	1.25	2.01	0.28	1.73
1.00 X 3.00		1.25	3.05	1.25	2.99	0.32	2.68
1.00 X 4.00		1.25	4.37	1.25	4.32	0.32	4.00
1.50 X 1.00		1.75	1.14	1.75	1.03	0.26	0.77
1.50 X 1.50		1.75	1.60	1.75	1.50	0.27	1.23
1.50 X 2.00		1.75	2.10	1.75	2.01	0.29	1.73
1.50 X 3.00		1.75	3.05	1.75	2.99	0.34	2.65
1.50 X 4.00		1.75	4.37	1.75	4.32	0.32	4.00
2.00 X 1.00		1.75	1.24	1.75	1.05	0.28	0.77
2.00 X 1.50		2.25	1.70	2.25	1.52	0.29	1.23
2.00 X 2.00		2.25	2.19	2.25	2.03	0.30	1.73
2.00 X 3.00		2.25	3.14	2.25	3.00	0.33	2.68
2.00 X 4.00		2.25	4.46	2.25	4.33	0.33	4.00
2.00 X 5.00		2.25	5.15	2.25	5.02	0.34	4.68
2.50 X 2.00		2.75	2.19	2.75	2.03	0.30	1.73
2.50 X 3.00		2.75	3.14	2.75	3.00	0.33	2.68
2.50 X 4.00		2.75	4.46	2.75	4.33	0.33	4.00
3.00 X 1.00		3.25	1.24	3.25	1.06	0.29	0.77
3.00 X 2.00		3.25	2.19	3.25	2.08	0.35	1.73
3.00 X 3.00		3.25	3.14	3.25	3.06	0.38	2.68
3.00 X 4.00		3.25	4.46	3.25	4.39	0.39	4.00
3.00 X 5.00		3.25	5.15	3.25	5.06	0.38	4.68
4.00 X 1.50		4.25	1.70	4.25	1.57	0.34	1.23
4.00 X 2.00		4.25	2.19	4.25	2.08	0.35	1.73
4.00 X 3.00		4.25	3.14	4.25	3.06	0.38	2.68
4.00 X 4.00		4.25	4.46	4.25	4.39	0.39	4.00
4.00 X 5.00		4.25	5.15	4.25	5.06	0.38	4.68
6.00 X 4.00		6.25	4.46	6.25	4.39	0.39	4.00

Dimensions shown are for reference only. Contact T&B for specific dimensional needs.

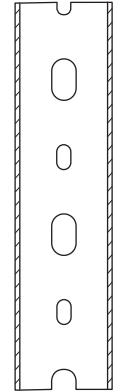
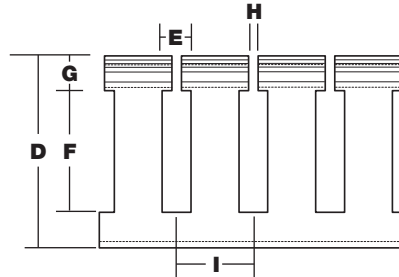
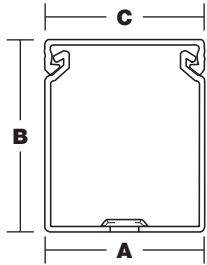


Pattern for 1 1/2", 2" & 2 1/2"

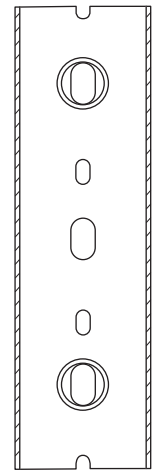


Pattern for 4", 5" & 6"

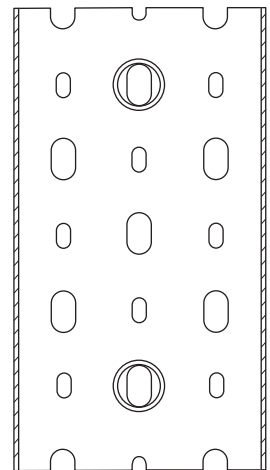
Thomas & Betts Wide Slot (PVC) Wiring Duct Dimensions



Pattern for 3/4" & 1"



Pattern for 1 1/2", 2" & 2 1/2"



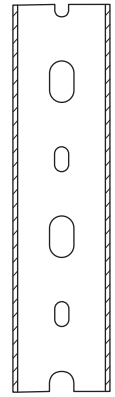
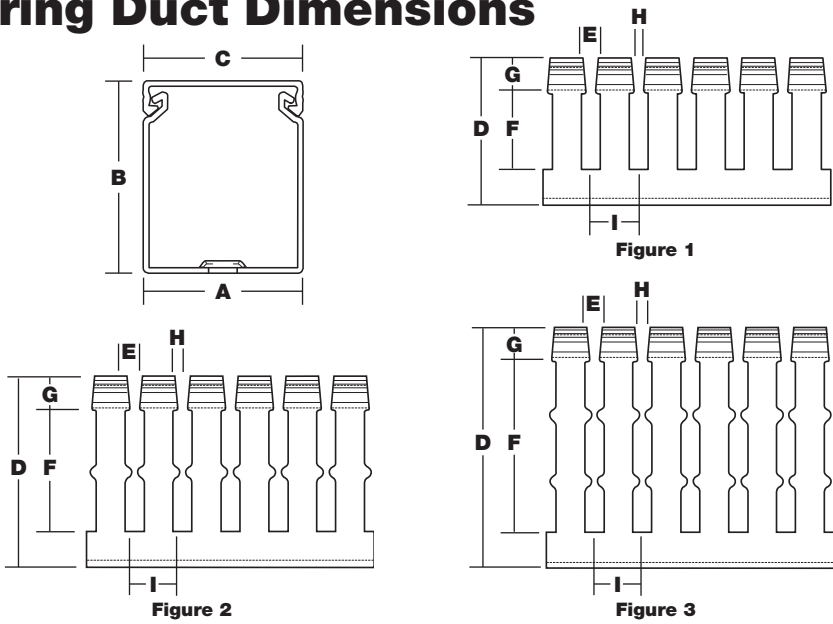
Pattern for 4", 5" & 6"

DIMENSIONS (INCHES)

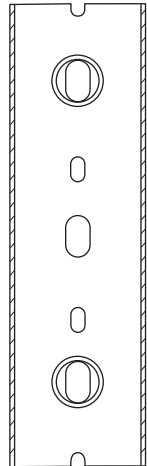
TRADE SIZE		DIMENSIONS (INCHES)								
W	H	A	B	C	D	E	F	G	H	I
0.75 X	1.00	0.94	1.14	0.94	1.03	0.30	0.52	0.26	0.10	0.80
0.75 X	1.50	0.94	1.60	0.94	1.50	0.30	0.93	0.27	0.10	0.80
0.75 X	2.00	0.94	2.10	0.94	2.01	0.30	1.36	0.29	0.10	0.80
1.00 X	1.00	1.25	1.14	1.25	1.03	0.30	0.52	0.26	0.10	0.80
1.00 X	1.50	1.25	1.60	1.25	1.50	0.30	0.93	0.27	0.10	0.80
1.00 X	2.00	1.25	2.10	1.25	2.01	0.30	1.36	0.28	0.10	0.80
1.00 X	3.00	1.25	3.05	1.25	2.99	0.30	2.31	0.32	0.10	1.00
1.00 X	4.00	1.25	4.37	1.25	4.32	0.30	3.63	0.32	0.10	1.00
1.50 X	1.00	1.75	1.14	1.75	1.03	0.30	0.52	0.26	0.10	0.80
1.50 X	1.50	1.75	1.60	1.75	1.50	0.30	0.93	0.27	0.10	0.80
1.50 X	2.00	1.75	2.10	1.75	2.01	0.30	1.36	0.29	0.10	0.80
1.50 X	3.00	1.75	3.05	1.75	2.99	0.30	2.28	0.34	0.10	1.00
1.50 X	4.00	1.75	4.37	1.75	4.32	0.30	3.63	0.32	0.10	1.00
2.00 X	1.00	2.25	1.24	1.75	1.05	0.30	0.52	0.28	0.10	0.80
2.00 X	1.50	2.25	1.70	2.25	1.52	0.30	0.93	0.29	0.10	0.80
2.00 X	2.00	2.25	2.19	2.25	2.03	0.30	1.36	0.30	0.10	0.80
2.00 X	3.00	2.25	3.14	2.25	3.00	0.30	2.31	0.33	0.10	1.00
2.00 X	4.00	2.25	4.46	2.25	4.33	0.30	3.63	0.33	0.10	1.00
2.00 X	5.00	2.25	5.15	2.25	5.02	0.38	4.31	0.34	0.10	1.33
2.50 X	2.00	2.75	2.19	2.75	2.03	0.30	1.36	0.30	0.10	0.80
2.50 X	3.00	2.75	3.14	2.75	3.00	0.30	2.31	0.33	0.10	1.00
2.50 X	4.00	2.75	4.46	2.75	4.33	0.30	3.63	0.33	0.10	1.00
3.00 X	1.00	3.25	1.24	3.25	1.06	0.30	0.52	0.29	0.10	0.80
3.00 X	2.00	3.25	2.19	3.25	2.08	0.30	1.36	0.35	0.10	0.80
3.00 X	3.00	3.25	3.14	3.25	3.06	0.30	2.31	0.38	0.10	1.00
3.00 X	4.00	3.25	4.46	3.25	4.39	0.30	3.63	0.39	0.10	1.00
3.00 X	5.00	3.25	5.15	3.25	5.06	0.38	4.31	0.38	0.10	1.33
4.00 X	1.50	4.25	1.70	4.25	1.57	0.30	0.93	0.34	0.10	0.80
4.00 X	2.00	4.25	2.19	4.25	2.08	0.30	1.36	0.35	0.10	0.80
4.00 X	3.00	4.25	3.14	4.25	3.06	0.30	2.31	0.38	0.10	1.00
4.00 X	4.00	4.25	4.46	4.25	4.39	0.30	3.63	0.39	0.10	1.00
4.00 X	5.00	4.25	5.15	4.25	5.06	0.38	4.31	0.38	0.10	1.33
6.00 X	4.00	6.25	4.46	6.25	4.39	0.30	3.63	0.39	0.10	1.00

Dimensions shown are for reference only. Contact T&B for specific dimensional needs.

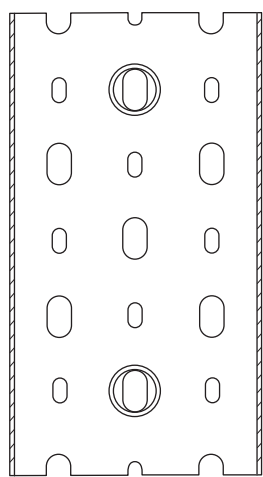
Thomas & Betts Narrow Slot (PVC) Wiring Duct Dimensions



Pattern for 3/4" & 1"



Pattern for 1 1/2", 2" & 2 1/2"



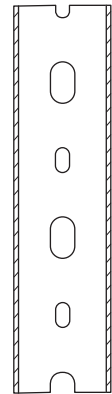
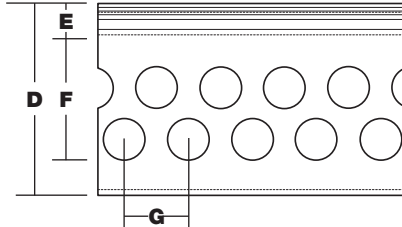
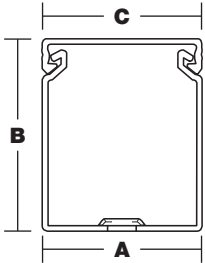
Pattern for 3", 4" & 6"

DIMENSIONS (INCHES)

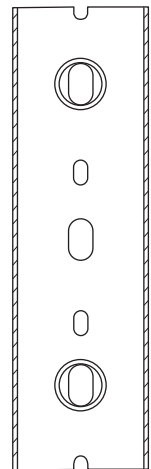
TRADE SIZE	FIG.	A	B	C	D	E	F	G	H	I
0.75 X 1.50	1	0.94	1.60	0.94	1.50	0.20	0.93	0.27	0.10	0.50
1.00 X 1.00	1	1.25	1.14	1.25	1.03	0.20	0.52	0.26	0.10	0.50
1.00 X 1.50	1	1.25	1.60	1.25	1.50	0.20	0.93	0.27	0.10	0.50
1.00 X 2.00	2	1.25	2.10	1.25	2.01	0.20	1.36	0.28	0.10	0.50
1.00 X 3.00	3	1.25	3.05	1.25	2.99	0.20	2.31	0.32	0.10	0.50
1.00 X 4.00	3	1.25	4.37	1.25	4.32	0.20	3.63	0.32	0.10	0.50
1.50 X 1.00	1	1.75	1.14	1.75	1.03	0.20	0.52	0.26	0.10	0.50
1.50 X 1.50	1	1.75	1.60	1.75	1.50	0.20	0.93	0.27	0.10	0.50
1.50 X 2.00	2	1.75	2.10	1.75	2.01	0.20	1.36	0.29	0.10	0.50
1.50 X 3.00	3	1.75	3.05	1.75	2.99	0.20	2.28	0.34	0.10	0.50
1.50 X 4.00	3	1.75	4.37	1.75	4.32	0.20	3.63	0.32	0.10	0.50
2.00 X 1.00	1	2.25	1.24	1.75	1.05	0.20	0.52	0.28	0.10	0.50
2.00 X 1.50	1	2.25	1.70	2.25	1.52	0.20	0.93	0.29	0.10	0.50
2.00 X 2.00	2	2.25	2.19	2.25	2.03	0.20	1.36	0.30	0.10	0.50
2.00 X 3.00	3	2.25	3.14	2.25	3.00	0.20	2.31	0.33	0.10	0.50
2.00 X 4.00	3	2.25	4.46	2.25	4.33	0.20	3.63	0.33	0.10	0.50
2.00 X 5.00	3	2.25	5.15	2.25	5.02	0.20	4.31	0.34	0.10	0.50
2.50 X 2.00	2	2.75	2.19	2.75	2.03	0.20	1.36	0.30	0.10	0.50
2.50 X 3.00	3	2.75	3.14	2.75	3.00	0.20	2.31	0.33	0.10	0.50
2.50 X 4.00	3	2.75	4.46	2.75	4.33	0.20	3.63	0.33	0.10	0.50
3.00 X 1.00	1	3.25	1.24	3.25	1.06	0.20	0.52	0.29	0.10	0.50
3.00 X 2.00	2	3.25	2.19	3.25	2.08	0.20	1.36	0.35	0.10	0.50
3.00 X 3.00	3	3.25	3.14	3.25	3.06	0.20	2.31	0.38	0.10	0.50
3.00 X 4.00	3	3.25	4.46	3.25	4.39	0.20	3.63	0.39	0.10	0.50
3.00 X 5.00	3	3.25	5.15	3.25	5.06	0.20	4.31	0.38	0.10	0.50
4.00 X 2.00	2	4.25	2.19	4.25	2.08	0.20	1.36	0.35	0.10	0.50
4.00 X 3.00	3	4.25	3.14	4.25	3.06	0.20	2.31	0.38	0.10	0.50
4.00 X 4.00	3	4.25	4.46	4.25	4.39	0.20	3.63	0.39	0.10	0.50
4.00 X 5.00	3	4.25	5.15	4.25	5.06	0.20	4.31	0.38	0.10	0.50

Dimensions shown are for reference only. Contact T&B for specific dimensional needs.

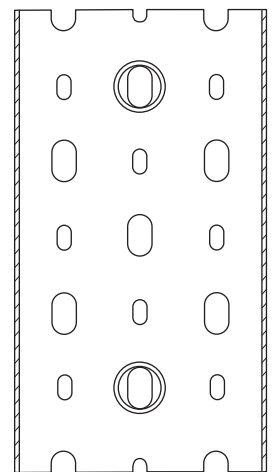
Thomas & Betts Round Hole (PVC) Wiring Duct Dimensions



Pattern for 3/4" & 1"



Pattern for 1 1/2", 2" & 2 1/2"



Pattern for 3", 4" & 6"

DIMENSIONS (INCHES)

TRADE SIZE		DIMENSIONS (INCHES)							ROWS OF HOLES
W	H	A	B	C	D	E	F	G	
1.00 X	1.50	1.25	1.60	1.25	1.50	0.27	1.23	0.67	2
1.00 X	2.00	1.25	2.10	1.25	2.01	0.28	1.73	0.67	2
1.00 X	3.00	1.25	3.05	1.25	2.99	0.32	2.68	0.67	4
1.00 X	4.00	1.25	4.37	1.25	4.32	0.32	4.00	0.67	6
1.50 X	1.00	1.75	1.14	1.75	1.03	0.26	0.77	0.67	2
1.50 X	1.50	1.75	1.60	1.75	1.50	0.27	1.23	0.67	2
1.50 X	2.00	1.75	2.10	1.75	2.01	0.29	1.73	0.67	2
1.50 X	3.00	1.75	3.05	1.75	2.99	0.34	2.65	0.67	4
1.50 X	4.00	1.75	4.37	1.75	4.32	0.32	4.00	0.67	6
2.00 X	1.50	2.25	1.70	2.25	1.52	0.29	1.23	0.67	2
2.00 X	2.00	2.25	2.19	2.25	2.03	0.30	1.73	0.67	2
2.00 X	3.00	2.25	3.14	2.25	3.00	0.33	2.68	0.67	4
2.00 X	4.00	2.25	4.46	2.25	4.33	0.33	4.00	0.67	6
3.00 X	2.00	3.25	2.19	3.25	2.08	0.35	1.73	0.67	2
3.00 X	3.00	3.25	3.14	3.25	3.06	0.38	2.68	0.67	4
3.00 X	4.00	3.25	4.46	3.25	4.39	0.39	4.00	0.67	6
4.00 X	1.50	4.25	1.70	4.25	1.57	0.34	1.23	0.67	2
4.00 X	2.00	4.25	2.19	4.25	2.08	0.35	1.73	0.67	2
4.00 X	3.00	4.25	3.14	4.25	3.06	0.38	2.68	0.67	4
4.00 X	4.00	4.25	4.46	4.25	4.39	0.39	4.00	0.67	6

Dimensions shown are for reference only. Contact T&B for specific dimensional needs.

Ty-Duct™ meets all of the prominent agency approvals and standards.

Agency Approvals

Thomas & Betts Ty-Duct wiring duct is UL recognized for all requirements set forth in UL standard 1565 "Positioning Device."



The Ty-Duct wiring duct meets all applicable requirements of the Canadian Standard Association as described in CSA C22.2 No. 18.5.



All Ty-Duct wiring duct components comply with the European Directives for CE (Conformite European) Marking.



All materials used in the making of the Ty-Duct wiring duct comply with the European Directives 2002/95/EC (RoHS), 2002/96/EC (WEEE), and 2003/11/EC.

Standards

NFPA-79-2002

Thomas & Betts Ty-Duct wiring duct is compliant with the National Fire Protection Agency NFPA-79-2002. All materials used in the manufacturing of the Ty-Duct components are selected from flame-retardant material and comply with IEC 60332-1. The testing is required in order to comply with NFPA-79-2002, Section 13.3.1.

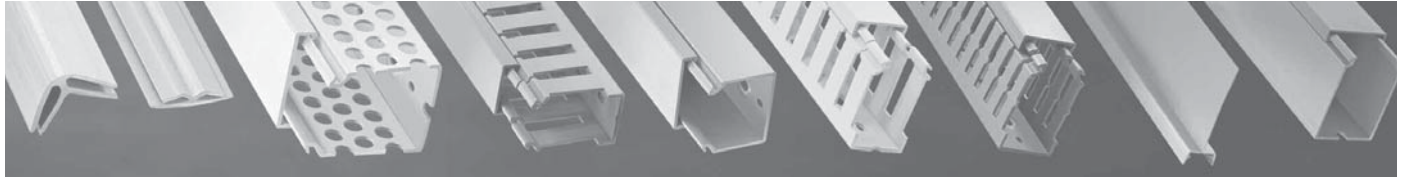
UL 508/UL 508A

As required in UL508/UL508A a factory-installed conductor shall be separated from a conductor used in a different circuit when the conductors are not insulated for the maximum voltage of either circuit. The Ty-Duct wiring duct with a divider wall creates the required separation to meet this requirement.

DIN 43 659

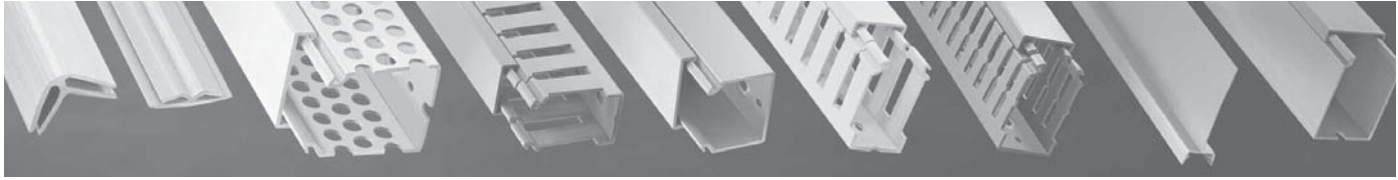
This European standard specifies dimensions for slotted trunkings installed in electrical switchgear assemblies. The standard defines the following dimensions:

- The mounting hole pattern
- The mounting hole slot dimensions
- The mounting hole pitch and location
- The minimum overall product length



Description	Ty-Duct Part No.	**PANDUCT Part No.	Description	Ty-Duct Part No.	**PANDUCT Part No.	Description	Ty-Duct Part No.	**PANDUCT Part No.
Grey			Grey			Grey		
1.5 x 1.5 Solid Wall Grey Duct	TY15X15SPG6	FS1.5X1.5LG6	2.5 x 3 Wide Slot Grey Duct	TY25X3WPG6	G2.5X3LG6	3 x 4 Narrow Slot Grey Duct	TY3X4NPG6	F3X4LG6
1.5 x 1 Solid Wall Grey Duct	TY15X1SPG6	FS1.5X1LG6	2.5 x 4 Wide Slot Grey Duct	TY25X4WPG6	—	3 x 5 Narrow Slot Grey Duct	TY3X5NPG6	F3X5LG6
1.5 x 2 Solid Wall Grey Duct	TY15X2SPG6	FS1.5X2LG6	2 x 1.5 Wide Slot Grey Duct	TY2X15WPG6	G2X1.5LG6	4 x 2 Narrow Slot Grey Duct	TY4X2NPG6	F4X2LG6
1.5 x 3 Solid Wall Grey Duct	TY15X3SPG6	FS1.5X3LG6	2 x 1 Wide Slot Grey Duct	TY2X1WPG6	G2X1LG6	4 x 3 Narrow Slot Grey Duct	TY4X3NPG6	F4X3LG6
1.5 x 4 Solid Wall Grey Duct	TY15X4SPG6	FS1.5X4LG6	2 x 2 Wide Slot Grey Duct	TY2X2WPG6	G2X2LG6	4 x 4 Narrow Slot Grey Duct	TY4X4NPG6	F4X4LG6
1 x 1.5 Solid Wall Grey Duct	TY1X15SPG6	FS1X1.5LG6	2 x 3 Wide Slot Grey Duct	TY2X3WPG6	G2X3LG6	4 x 5 Narrow Slot Grey Duct	TY4X5NPG6	F4X5LG6
1 x 1 Solid Wall Grey Duct	TY1X1SPG6	FS1X1LG6	2 x 4 Wide Slot Grey Duct	TY2X4WPG6	G2X4LG6	.75 x 1.5 Narrow Slot Grey Duct	TY75X15NPG6	F.75X1.5LG6
1 x 2 Solid Wall Grey Duct	TY1X2SPG6	FS1X2LG6NM	2 x 5 Wide Slot Grey Duct	TY2X5WPG6	G2X5LG6	1.5 x 1.5 Round Hole Grey Duct	TY15X15RPG6	—
1 x 3 Solid Wall Grey Duct	TY1X3SPG6	FS1X3LG6	3 x 1 Wide Slot Grey Duct	TY3X1WPG6	G3X1LG6	1.5 x 2 Round Hole Grey Duct	TY15X2RPG6	D1.5X2LG6
1 x 4 Solid Wall Grey Duct	TY1X4SPG6	FS1X4LG6	3 x 2 Wide Slot Grey Duct	TY3X2WPG6	G3X2LG7	1.5 x 3 Round Hole Grey Duct	TY15X3RPG6	D1.5X3LG6
2.5 x 2 Solid Wall Grey Duct	TY25X2SPG6	FS2.5X2LG6	3 x 3 Wide Slot Grey Duct	TY3X3WPG6	G3X3LG8	1.5 x 4 Round Hole Grey Duct	TY15X4RPG6	D1.5X4LG6
2.5 x 3 Solid Wall Grey Duct	TY25X3SPG6	FS2.5X3LG6	3 x 4 Wide Slot Grey Duct	TY3X4WPG6	G3X4LG9	1 x 1.5 Round Hole Grey Duct	TY1X15RPG6	—
2.5 x 4 Solid Wall Grey Duct	TY25X4SPG6	FS2.5X4LG6	3 x 5 Wide Slot Grey Duct	TY3X5WPG6	G3X5LG10	1 x 2 Round Hole Grey Duct	TY1X2RPG6	D1X2LG6
2 x 1.5 Solid Wall Grey Duct	TY2X15SPG6	FS2X1.5LG6	4 x 1.5 Wide Slot Grey Duct	TY4X15WPG6	G4X1.5LG10	1 x 3 Round Hole Grey Duct	TY1X3RPG6	D1X3LG6
2 x 1 Solid Wall Grey Duct	TY2X1SPG6	FS2X1LG6	4 x 2 Wide Slot Grey Duct	TY4X2WPG6	G4X2LG11	1 x 4 Round Hole Grey Duct	TY1X4RPG6	D1X4LG6
2 x 2 Solid Wall Grey Duct	TY2X2SPG6	FS2X2LG6	4 x 3 Wide Slot Grey Duct	TY4X3WPG6	G4X3LG12	2 x 1.5 Round Hole Grey Duct	TY2X15RPG6	—
2 x 3 Solid Wall Grey Duct	TY2X3SPG6	FS2X3LG6	4 x 4 Wide Slot Grey Duct	TY4X4WPG6	G4X4LG13	2 x 2 Round Hole Grey Duct	TY2X2RPG6	D2X2LG6
2 x 4 Solid Wall Grey Duct	TY2X4SPG6	FS2X4LG6NM	4 x 5 Wide Slot Grey Duct	TY4X5WPG6	G4X5LG14	2 x 3 Round Hole Grey Duct	TY2X3RPG6	D2X3LG6
2 x 5 Solid Wall Grey Duct	TY2X5SPG6	FS2X5LG6	6 x 4 Wide Slot Grey Duct	TY6X4WPG6	G6X4LG14	2 x 4 Round Hole Grey Duct	TY2X4RPG6	D2X4LG6
3 x 1 Solid Wall Grey Duct	TY3X1SPG6	FS3X1LG6	.75 x 1.5 Wide Slot Grey Duct	TY75X15WPG6	G.75X1.5LG14	3 x 2 Round Hole Grey Duct	TY3X2RPG6	D3X2LG6
3 x 2 Solid Wall Grey Duct	TY3X2SPG6	FS3X2LG6	.75 x 1 Wide Slot Grey Duct	TY75X1WPG6	G.75X1LG14	3 x 3 Round Hole Grey Duct	TY3X3RPG6	D3X3LG6
3 x 3 Solid Wall Grey Duct	TY3X3SPG6	FS3X3LG6	.75 x 2 Wide Slot Grey Duct	TY75X2WPG6	G.75X2LG14	3 x 4 Round Hole Grey Duct	TY3X4RPG6	D3X4LG6
3 x 4 Solid Wall Grey Duct	TY3X4SPG6	FS3X4LG6NM	1.5 x 1.5 Narrow Slot Grey Duct	TY15X15NPG6	F1.5X1.5LG6	4 x 1.5 Round Hole Grey Duct	TY4X15RPG6	—
3 x 5 Solid Wall Grey Duct	TY3X5SPG6	FS3X5LG6NM	1.5 x 1 Narrow Slot Grey Duct	TY15X1NPG6	F1.5X1LG6	4 x 2 Round Hole Grey Duct	TY4X2RPG6	D4X2LG6
4 x 1.5 Solid Wall Grey Duct	TY4X15SPG6	—	1.5 x 2 Narrow Slot Grey Duct	TY15X2NPG6	F1.5X2LG6	4 x 3 Round Hole Grey Duct	TY4X3RPG6	D4X3LG6
4 x 2 Solid Wall Grey Duct	TY4X2SPG6	FS4X2LG6	1.5 x 3 Narrow Slot Grey Duct	TY15X3NPG6	F1.5X3LG6	4 x 4 Round Hole Grey Duct	TY4X4RPG6	D4X4LG6
4 x 3 Solid Wall Grey Duct	TY4X3SPG6	FS4X3LG6	1.5 x 4 Narrow Slot Grey Duct	TY15X4NPG6	F1.5X4LG6	1" High Grey Wall Divider	TY1DG6	D1H6
4 x 4 Solid Wall Grey Duct	TY4X4SPG6	FS4X4LG6	1 x 1.5 Narrow Slot Grey Duct	TY1X15NPG6	F1X1.5LG6	1.5" High Grey Wall Divider	TY1.5DG6	D2H6
4 x 5 Solid Wall Grey Duct	TY4X5SPG6	FS4X5LG6	1 x 1 Narrow Slot Grey Duct	TY1X1NPG6	F1X1LG6	2" High Grey Wall Divider	TY2DG6	D3H6
6 x 4 Solid Wall Grey Duct	TY6X4SPG6	FS6X4LG6	1 x 2 Narrow Slot Grey Duct	TY1X2NPG6	F1X2LG6	3" High Grey Wall Divider	TY3DG6	D3H6
.75 x 1.5 Solid Wall Grey Duct	TY75X15SPG6	—	1 x 3 Narrow Slot Grey Duct	TY1X3NPG6	F1X3LG6	4" High Grey Wall Divider	TY4DG6	D4H6
.75 x 1 Solid Wall Grey Duct	TY75X1SPG6	—	1 x 4 Narrow Slot Grey Duct	TY1X4NPG6	F1X4LG6	5" High Grey Wall Divider	TY5DG6	D5H6
.75 x 2 Solid Wall Grey Duct	TY75X2SPG6	—	2.5 x 2 Narrow Slot Grey Duct	TY25X2NPG6	—	Grey Corner Strip	TYCSG6	CS1LG6
1.5 x 1.5 Wide Slot Grey Duct	TY15X15WPG6	G1.5X1.5LG6	2.5 x 3 Narrow Slot Grey Duct	TY25X3NPG6	—	Grey Joining Strip	TYJCG6	DJS1LG6
1.5 x 1 Wide Slot Grey Duct	TY15X1WPG6	G1.5X1LG6	2.5 x 4 Narrow Slot Grey Duct	TY25X4NPG6	—	1.5 Grey Duct Cover	TY15CPG6	C1.5LG6
1.5 x 2 Wide Slot Grey Duct	TY15X2WPG6	G1.5X2LG6	2 x 1.5 Narrow Slot Grey Duct	TY2X15NPG6	F2X1.5LG6	1 Grey Duct Cover	TY1CPG6	C1LG6
1.5 x 3 Wide Slot Grey Duct	TY15X3WPG6	G1.5X3LG6	2 x 1 Narrow Slot Grey Duct	TY2X1NPG6	F2X1LG6	2.5 Grey Duct Cover	TY25CPG6	C2.5LG6
1.5 x 4 Wide Slot Grey Duct	TY15X4WPG6	G1.5X4LG6	2 x 2 Narrow Slot Grey Duct	TY2X2NPG6	F2X2LG6	2 Grey Duct Cover	TY2CPG6	C2LG6
1 x 1.5 Wide Slot Grey Duct	TY1X15WPG6	G1X1.5LG6	2 x 3 Narrow Slot Grey Duct	TY2X3NPG6	F2X3LG6	3 Grey Duct Cover	TY3CPG6	C3LG6
1 x 1 Wide Slot Grey Duct	TY1X1WPG6	G1X1LG6	2 x 4 Narrow Slot Grey Duct	TY2X4NPG6	F2X4LG6	4 Grey Duct Cover	TY4CPG6	C4LG6
1 x 2 Wide Slot Grey Duct	TY1X2WPG6	G1X2LG6	2 x 5 Narrow Slot Grey Duct	TY2X5NPG6	F2X5LG6	6 Grey Duct Cover	TY6CPG6	C6LG6
1 x 3 Wide Slot Grey Duct	TY1X3WPG6	G1X3LG6	3 x 1 Narrow Slot Grey Duct	TY3X1NPG6	F3X1LG6	.75 Grey Duct Cover	TY75CPG6	C.75LG6
1 x 4 Wide Slot Grey Duct	TY1X4WPG6	G1X4LG6	3 x 2 Narrow Slot Grey Duct	TY3X2NPG6	F3X2LG6			
2.5 x 2 Wide Slot Grey Duct	TY25X2WPG6	—	3 x 3 Narrow Slot Grey Duct	TY3X3NPG6	F3X3LG6			

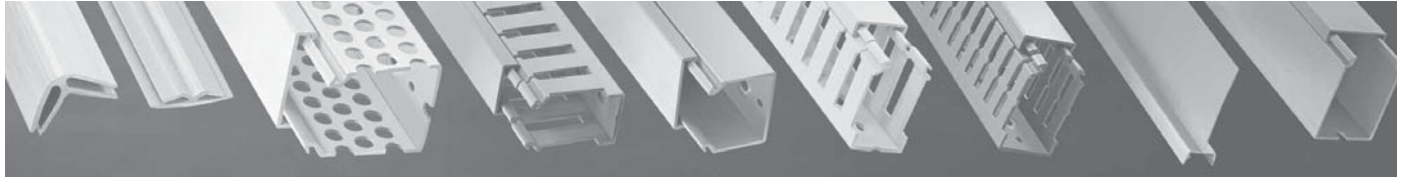
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Description	Ty-Duct Part No.	**PANDUCT Part No.	Description	Ty-Duct Part No.	**PANDUCT Part No.	Description	Ty-Duct Part No.	**PANDUCT Part No.
Black			Black			Black		
1.5 x 1.5 Solid Wall Black Duct	TY15X15SPB6	FS1.5X1.5BL6	2.5 x 3 Wide Slot Black Duct	TY25X3WPB6	G2.5X3BL6	3 x 4 Narrow Slot Black Duct	TY3X4NPB6	F3X4BL6
1.5 x 1 Solid Wall Black Duct	TY15X1SPB6	FS1.5X1BL6	2.5 x 4 Wide Slot Black Duct	TY25X4WPB6	—	3 x 5 Narrow Slot Black Duct	TY3X5NPB6	F3X5BL6
1.5 x 2 Solid Wall Black Duct	TY15X2SPB6	FS1.5X2BL6	2 x 1.5 Wide Slot Black Duct	TY2X15WPB6	G2X1.5BL6	4 x 2 Narrow Slot Black Duct	TY4X2NPB6	F4X2BL6
1.5 x 3 Solid Wall Black Duct	TY15X3SPB6	FS1.5X3BL6	2 x 1 Wide Slot Black Duct	TY2X1WPB6	G2X1BL6	4 x 3 Narrow Slot Black Duct	TY4X3NPB6	F4X3BL6
1.5 x 4 Solid Wall Black Duct	TY15X4SPB6	FS1.5X4BL6	2 x 2 Wide Slot Black Duct	TY2X2WPB6	G2X2BL6	4 x 4 Narrow Slot Black Duct	TY4X4NPB6	F4X4BL6
1 x 1.5 Solid Wall Black Duct	TY1X15SPB6	FS1X1.5BL6	2 x 3 Wide Slot Black Duct	TY2X3WPB6	G2X3BL6	4 x 5 Narrow Slot Black Duct	TY4X5NPB6	F4X5BL6
1 x 1 Solid Wall Black Duct	TY1X1SPB6	FS1X1BL6	2 x 4 Wide Slot Black Duct	TY2X4WPB6	G2X4BL6	.75 x 1.5 Narrow Slot Black Duct	TY75X15NPB6	F.75X1.5BL6
1 x 2 Solid Wall Black Duct	TY1X2SPB6	FS1X2BL6NM	2 x 5 Wide Slot Black Duct	TY2X5WPB6	G2X5BL6	1.5 x 1.5 Round Hole Black Duct	TY15X15RPB6	—
1 x 3 Solid Wall Black Duct	TY1X3SPB6	FS1X3BL6	3 x 1 Wide Slot Black Duct	TY3X1WPB6	G3X1BL6	1.5 x 2 Round Hole Black Duct	TY15X2RPB6	D1.5X2BL6
1 x 4 Solid Wall Black Duct	TY1X4SPB6	FS1X4BL6	3 x 2 Wide Slot Black Duct	TY3X2WPB6	G3X2BL7	1.5 x 3 Round Hole Black Duct	TY15X3RPB6	D1.5X3BL6
2.5 x 2 Solid Wall Black Duct	TY25X2SPB6	FS2.5X2BL6	3 x 3 Wide Slot Black Duct	TY3X3WPB6	G3X3BL8	1.5 x 4 Round Hole Black Duct	TY15X4RPB6	D1.5X4BL6
2.5 x 3 Solid Wall Black Duct	TY25X3SPB6	FS2.5X3BL6	3 x 4 Wide Slot Black Duct	TY3X4WPB6	G3X4BL9	1 x 1.5 Round Hole Black Duct	TY1X15RPB6	—
2.5 x 4 Solid Wall Black Duct	TY25X4SPB6	FS2.5X4BL6	3 x 5 Wide Slot Black Duct	TY3X5WPB6	G3X5BL10	1 x 2 Round Hole Black Duct	TY1X2RPB6	D1X2BL6
2 x 1.5 Solid Wall Black Duct	TY2X15SPB6	FS2X1.5BL6	4 x 1.5 Wide Slot Black Duct	TY4X15WPB6	G4X1.5BL10	1 x 3 Round Hole Black Duct	TY1X3RPB6	D1X3BL6
2 x 1 Solid Wall Black Duct	TY2X1SPB6	FS2X1BL6	4 x 2 Wide Slot Black Duct	TY4X2WPB6	G4X2BL11	1 x 4 Round Hole Black Duct	TY1X4RPB6	D1X4BL6
2 x 2 Solid Wall Black Duct	TY2X2SPB6	FS2X2BL6	4 x 3 Wide Slot Black Duct	TY4X3WPB6	G4X3BL12	2 x 1.5 Round Hole Black Duct	TY2X15RPB6	—
2 x 3 Solid Wall Black Duct	TY2X3SPB6	FS2X3BL6	4 x 4 Wide Slot Black Duct	TY4X4WPB6	G4X4BL13	2 x 2 Round Hole Black Duct	TY2X2RPB6	D2X2BL6
2 x 4 Solid Wall Black Duct	TY2X4SPB6	FS2X4BL6NM	4 x 5 Wide Slot Black Duct	TY4X5WPB6	G4X5BL14	2 x 3 Round Hole Black Duct	TY2X3RPB6	D2X3BL6
2 x 5 Solid Wall Black Duct	TY2X5SPB6	FS2X5BL6	6 x 4 Wide Slot Black Duct	TY6X4WPB6	G6X4BL14	2 x 4 Round Hole Black Duct	TY2X4RPB6	D2X4BL6
3 x 1 Solid Wall Black Duct	TY3X1SPB6	FS3X1BL6	.75 x 1.5 Wide Slot Black Duct	TY75X15WPB6	G.75X1.5BL14	3 x 2 Round Hole Black Duct	TY3X2RPB6	D3X2BL6
3 x 2 Solid Wall Black Duct	TY3X2SPB6	FS3X2BL6	.75 x 1 Wide Slot Black Duct	TY75X1WPB6	G.75X1BL14	3 x 3 Round Hole Black Duct	TY3X3RPB6	D3X3BL6
3 x 3 Solid Wall Black Duct	TY3X3SPB6	FS3X3BL6	.75 x 2 Wide Slot Black Duct	TY75X2WPB6	G.75X2BL14	3 x 4 Round Hole Black Duct	TY3X4RPB6	D3X4BL6
3 x 4 Solid Wall Black Duct	TY3X4SPB6	FS3X4BL6NM	1.5 x 1.5 Narrow Slot Black Duct	TY15X15NPB6	F1.5X1.5BL6	4 x 1.5 Round Hole Black Duct	TY4X15RPB6	—
3 x 5 Solid Wall Black Duct	TY3X5SPB6	FS3X5BL6NM	1.5 x 1 Narrow Slot Black Duct	TY15X1NPB6	F1.5X1BL6	4 x 2 Round Hole Black Duct	TY4X2RPB6	D4X2BL6
4 x 1.5 Solid Wall Black Duct	TY4X15SPB6	—	1.5 x 2 Narrow Slot Black Duct	TY15X2NPB6	F1.5X2BL6	4 x 3 Round Hole Black Duct	TY4X3RPB6	D4X3BL6
4 x 2 Solid Wall Black Duct	TY4X2SPB6	FS4X2BL6	1.5 x 3 Narrow Slot Black Duct	TY15X3NPB6	F1.5X3BL6	4 x 4 Round Hole Black Duct	TY4X4RPB6	D4X4BL6
4 x 3 Solid Wall Black Duct	TY4X3SPB6	FS4X3BL6	1.5 x 4 Narrow Slot Black Duct	TY15X4NPB6	F1.5X4BL6	1" High Black Wall Divider	TY1DB6	D1H6*
4 x 4 Solid Wall Black Duct	TY4X4SPB6	FS4X4BL6	1 x 1.5 Narrow Slot Black Duct	TY1X15NPB6	F1X1.5BL6	1.5" High Black Wall Divider	TY1.5DB6	D2H6*
4 x 5 Solid Wall Black Duct	TY4X5SPB6	FS4X5BL6	1 x 1 Narrow Slot Black Duct	TY1X1NPB6	F1X1BL6	2" High Black Wall Divider	TY2DB6	D3H6*
6 x 4 Solid Wall Black Duct	TY6X4SPB6	FS6X4BL6	1 x 2 Narrow Slot Black Duct	TY1X2NPB6	F1X2BL6	3" High Black Wall Divider	TY3DB6	D3H6*
.75 x 1.5 Solid Wall Black Duct	TY75X15SPB6	—	1 x 3 Narrow Slot Black Duct	TY1X3NPB6	F1X3BL6	4" High Black Wall Divider	TY4DB6	D4H6*
.75 x 1 Solid Wall Black Duct	TY75X1SPB6	—	1 x 4 Narrow Slot Black Duct	TY1X4NPB6	F1X4BL6	5" High Black Wall Divider	TY5DB6	D5H6*
.75 x 2 Solid Wall Black Duct	TY75X2SPB6	—	2.5 x 2 Narrow Slot Black Duct	TY25X2NPB6	—	Black Corner Strip	TYCSB6	CS1BL6
1.5 x 1.5 Wide Slot Black Duct	TY15X15WPB6	G1.5X1.5BL6	2.5 x 3 Narrow Slot Black Duct	TY25X3NPB6	—	Black Joining Strip	TYJCB6	DJS1LG6
1.5 x 1 Wide Slot Black Duct	TY15X1WPB6	G1.5X1BL6	2.5 x 4 Narrow Slot Black Duct	TY25X4NPB6	—	1.5 Black Duct Cover	TY15CPB6	C1.5BL6
1.5 x 2 Wide Slot Black Duct	TY15X2WPB6	G1.5X2BL6	2 x 1.5 Narrow Slot Black Duct	TY2X15NPB6	F2X1.5BL6	1 Black Duct Cover	TY1CPB6	C1BL6
1.5 x 3 Wide Slot Black Duct	TY15X3WPB6	G1.5X3BL6	2 x 1 Narrow Slot Black Duct	TY2X1NPB6	F2X1BL6	2.5 Black Duct Cover	TY25CPB6	C2.5BL6
1.5 x 4 Wide Slot Black Duct	TY15X4WPB6	G1.5X4BL6	2 x 2 Narrow Slot Black Duct	TY2X2NPB6	F2X2BL6	2 Black Duct Cover	TY2CPB6	C2BL6
1 x 1.5 Wide Slot Black Duct	TY1X15WPB6	G1X1.5BL6	2 x 3 Narrow Slot Black Duct	TY2X3NPB6	F2X3BL6	3 Black Duct Cover	TY3CPB6	C3BL6
1 x 1 Wide Slot Black Duct	TY1X1WPB6	G1X1BL6	2 x 4 Narrow Slot Black Duct	TY2X4NPB6	F2X4BL6	4 Black Duct Cover	TY4CPB6	C4BL6
1 x 2 Wide Slot Black Duct	TY1X2WPB6	G1X2BL6	2 x 5 Narrow Slot Black Duct	TY2X5NPB6	F2X5BL6	6 Black Duct Cover	TY6CPB6	C6BL6
1 x 3 Wide Slot Black Duct	TY1X3WPB6	G1X3BL6	3 x 1 Narrow Slot Black Duct	TY3X1NPB6	F3X1BL6	.75 Black Duct Cover	TY75CPB6	C.75BL6
1 x 4 Wide Slot Black Duct	TY1X4WPB6	G1X4BL6	3 x 2 Narrow Slot Black Duct	TY3X2NPB6	F3X2BL6			
2.5 x 2 Wide Slot Black Duct	TY25X2WPB6	—	3 x 3 Narrow Slot Black Duct	TY3X3NPB6	F3X3BL6			

* Only Available in Grey Colour

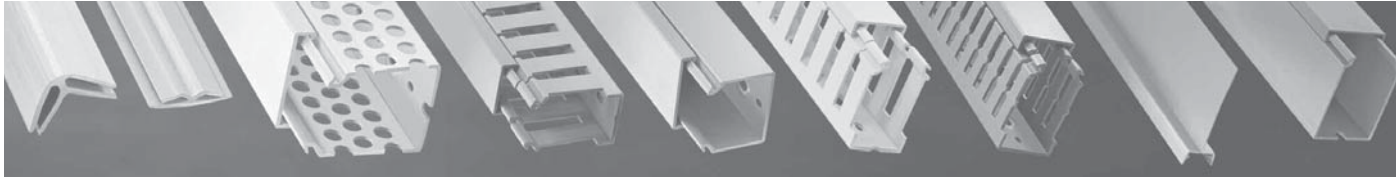
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Description	Ty-Duct Part No.	**PANDUCT Part No.	Description	Ty-Duct Part No.	**PANDUCT Part No.	Description	Ty-Duct Part No.	**PANDUCT Part No.
White			White			White		
1.5 x 1.5 Solid Wall White Duct	TY15X1SPW6	FS1.5X1.5WH6	2.5 x 3 Wide Slot White Duct	TY25X3WPW6	G2.5X3WH6	3 x 4 Narrow Slot White Duct	TY3X4NPW6	F3X4WH6
1.5 x 1 Solid Wall White Duct	TY15X1SPW6	FS1.5X1WH6	2.5 x 4 Wide Slot White Duct	TY25X4WPW6	—	3 x 5 Narrow Slot White Duct	TY3X5NPW6	F3X5WH6
1.5 x 2 Solid Wall White Duct	TY15X2SPW6	FS1.5X2WH6	2 x 1.5 Wide Slot White Duct	TY2X15WPW6	G2X1.5WH6	4 x 2 Narrow Slot White Duct	TY4X2NPW6	F4X2WH6
1.5 x 3 Solid Wall White Duct	TY15X3SPW6	FS1.5X3WH6	2 x 1 Wide Slot White Duct	TY2X1WPW6	G2X1WH6	4 x 3 Narrow Slot White Duct	TY4X3NPW6	F4X3WH6
1.5 x 4 Solid Wall White Duct	TY15X4SPW6	FS1.5X4WH6	2 x 2 Wide Slot White Duct	TY2X2WPW6	G2X2WH6	4 x 4 Narrow Slot White Duct	TY4X4NPW6	F4X4WH6
1 x 1.5 Solid Wall White Duct	TY1X15SPW6	FS1X1.5WH6	2 x 3 Wide Slot White Duct	TY2X3WPW6	G2X3WH6	4 x 5 Narrow Slot White Duct	TY4X5NPW6	F4X5WH6
1 x 1 Solid Wall White Duct	TY1X1SPW6	FS1X1WH6	2 x 4 Wide Slot White Duct	TY2X4WPW6	G2X4WH6	.75 x 1.5 Narrow Slot White Duct	TY75X15NPW6	F.75X1.5WH6
1 x 2 Solid Wall White Duct	TY1X2SPW6	FS1X2WH6NM	2 x 5 Wide Slot White Duct	TY2X5WPW6	G2X5WH6	1.5 x 1.5 Round Hole White Duct	TY15X15RPW6	—
1 x 3 Solid Wall White Duct	TY1X3SPW6	FS1X3WH6	3 x 1 Wide Slot White Duct	TY3X1WPW6	G3X1WH6	1.5 x 2 Round Hole White Duct	TY15X2RPW6	D1.5X2WH6
1 x 4 Solid Wall White Duct	TY1X4SPW6	FS1X4WH6	3 x 2 Wide Slot White Duct	TY3X2WPW6	G3X2LG7	1.5 x 3 Round Hole White Duct	TY15X3RPW6	D1.5X3WH6
2.5 x 2 Solid Wall White Duct	TY25X2SPW6	FS2.5X2WH6	3 x 3 Wide Slot White Duct	TY3X3WPW6	G3X3LG8	1.5 x 4 Round Hole White Duct	TY15X4RPW6	D1.5X4WH6
2.5 x 3 Solid Wall White Duct	TY25X3SPW6	FS2.5X3WH6	3 x 4 Wide Slot White Duct	TY3X4WPW6	G3X4LG9	1 x 1.5 Round Hole White Duct	TY1X15RPW6	—
2.5 x 4 Solid Wall White Duct	TY25X4SPW6	FS2.5X4WH6	3 x 5 Wide Slot White Duct	TY3X5WPW6	G3X5LG10	1 x 2 Round Hole White Duct	TY1X2RPW6	D1X2WH6
2 x 1.5 Solid Wall White Duct	TY2X15SPW6	FS2X1.5WH6	4 x 1.5 Wide Slot White Duct	TY4X15WPW6	G4X1.5LG10	1 x 3 Round Hole White Duct	TY1X3RPW6	D1X3WH6
2 x 1 Solid Wall White Duct	TY2X1SPW6	FS2X1WH6	4 x 2 Wide Slot White Duct	TY4X2WPW6	G4X2LG11	1 x 4 Round Hole White Duct	TY1X4RPW6	D1X4WH6
2 x 2 Solid Wall White Duct	TY2X2SPW6	FS2X2WH6	4 x 3 Wide Slot White Duct	TY4X3WPW6	G4X3LG12	2 x 1.5 Round Hole White Duct	TY2X15RPW6	—
2 x 3 Solid Wall White Duct	TY2X3SPW6	FS2X3WH6	4 x 4 Wide Slot White Duct	TY4X4WPW6	G4X4LG13	2 x 2 Round Hole White Duct	TY2X2RPW6	D2X2WH6
2 x 4 Solid Wall White Duct	TY2X4SPW6	FS2X4WH6NM	4 x 5 Wide Slot White Duct	TY4X5WPW6	G4X5LG14	2 x 3 Round Hole White Duct	TY2X3RPW6	D2X3WH6
2 x 5 Solid Wall White Duct	TY2X5SPW6	FS2X5WH6	6 x 4 Wide Slot White Duct	TY6X4WPW6	G6X4LG14	2 x 4 Round Hole White Duct	TY2X4RPW6	D2X4WH6
3 x 1 Solid Wall White Duct	TY3X1SPW6	FS3X1WH6	.75 x 1.5 Wide Slot White Duct	TY75X15WPW6	G.75X1.5LG14	3 x 2 Round Hole White Duct	TY3X2RPW6	D3X2WH6
3 x 2 Solid Wall White Duct	TY3X2SPW6	FS3X2WH6	.75 x 1 Wide Slot White Duct	TY75X1WPW6	G.75X1LG14	3 x 3 Round Hole White Duct	TY3X3RPW6	D3X3WH6
3 x 3 Solid Wall White Duct	TY3X3SPW6	FS3X3WH6	.75 x 2 Wide Slot White Duct	TY75X2WPW6	G.75X2LG14	3 x 4 Round Hole White Duct	TY3X4RPW6	D3X4WH6
3 x 4 Solid Wall White Duct	TY3X4SPW6	FS3X4WH6NM	1.5 x 1.5 Narrow Slot White Duct	TY15X15NPW6	F1.5X1.5WH6	4 x 1.5 Round Hole White Duct	TY4X15RPW6	—
3 x 5 Solid Wall White Duct	TY3X5SPW6	FS3X5WH6NM	1.5 x 1 Narrow Slot White Duct	TY15X1NPW6	F1.5X1WH6	4 x 2 Round Hole White Duct	TY4X2RPW6	D4X2WH6
4 x 1.5 Solid Wall White Duct	TY4X15SPW6	—	1.5 x 2 Narrow Slot White Duct	TY15X2NPW6	F1.5X2WH6	4 x 3 Round Hole White Duct	TY4X3RPW6	D4X3WH6
4 x 2 Solid Wall White Duct	TY4X2SPW6	FS4X2WH6	1.5 x 3 Narrow Slot White Duct	TY15X3NPW6	F1.5X3WH6	4 x 4 Round Hole White Duct	TY4X4RPW6	D4X4WH6
4 x 3 Solid Wall White Duct	TY4X3SPW6	FS4X3WH6	1.5 x 4 Narrow Slot White Duct	TY15X4NPW6	F1.5X4WH6	1" High White Wall Divider	TY1DW6	D1H6*
4 x 4 Solid Wall White Duct	TY4X4SPW6	FS4X4WH6	1 x 1.5 Narrow Slot White Duct	TY1X15NPW6	F1X1.5WH6	1.5" High White Wall Divider	TY1.5DW6	D2H6*
4 x 5 Solid Wall White Duct	TY4X5SPW6	FS4X5WH6	1 x 1 Narrow Slot White Duct	TY1X1NPW6	F1X1WH6	2" High White Wall Divider	TY2DW6	D3H6*
6 x 4 Solid Wall White Duct	TY6X4SPW6	FS6X4WH6	1 x 2 Narrow Slot White Duct	TY1X2NPW6	F1X2WH6	3" High White Wall Divider	TY3DW6	D3H6*
.75 x 1.5 Solid Wall White Duct	TY75X15SPW6	—	1 x 3 Narrow Slot White Duct	TY1X3NPW6	F1X3WH6	4" High White Wall Divider	TY4DW6	D4H6*
.75 x 1 Solid Wall White Duct	TY75X1SPW6	—	1 x 4 Narrow Slot White Duct	TY1X4NPW6	F1X4WH6	5" High White Wall Divider	TY5DW6	D5H6*
.75 x 2 Solid Wall White Duct	TY75X2SPW6	—	2.5 x 2 Narrow Slot White Duct	TY25X2NPW6	—	White Corner Strip	TYCSW6	CS1WH6
1.5 x 1.5 Wide Slot White Duct	TY15X15WPW6	G1.5X1.5WH6	2.5 x 3 Narrow Slot White Duct	TY25X3NPW6	—	White Joining Strip	TYJCW6	DJS1WH6
1.5 x 1 Wide Slot White Duct	TY15X1WPW6	G1.5X1WH6	2.5 x 4 Narrow Slot White Duct	TY25X4NPW6	—	1.5 White Duct Cover	TY15CPW6	C1.5WH6
1.5 x 2 Wide Slot White Duct	TY15X2WPW6	G1.5X2WH6	2 x 1.5 Narrow Slot White Duct	TY2X15NPW6	F2X1.5WH6	1 White Duct Cover	TY1CPW6	C1WH6
1.5 x 3 Wide Slot White Duct	TY15X3WPW6	G1.5X3WH6	2 x 1 Narrow Slot White Duct	TY2X1NPW6	F2X1WH6	2.5 White Duct Cover	TY25CPW6	C2.5WH6
1.5 x 4 Wide Slot White Duct	TY15X4WPW6	G1.5X4WH6	2 x 2 Narrow Slot White Duct	TY2X2NPW6	F2X2WH6	2 White Duct Cover	TY2CPW6	C2WH6
1 x 1.5 Wide Slot White Duct	TY1X15WPW6	G1X1.5WH6	2 x 3 Narrow Slot White Duct	TY2X3NPW6	F2X3WH6	3 White Duct Cover	TY3CPW6	C3WH6
1 x 1 Wide Slot White Duct	TY1X1WPW6	G1X1WH6	2 x 4 Narrow Slot White Duct	TY2X4NPW6	F2X4WH6	4 White Duct Cover	TY4CPW6	C4WH6
1 x 2 Wide Slot White Duct	TY1X2WPW6	G1X2WH6	2 x 5 Narrow Slot White Duct	TY2X5NPW6	F2X5WH6	6 White Duct Cover	TY6CPW6	C6WH6
1 x 3 Wide Slot White Duct	TY1X3WPW6	G1X3WH6	3 x 1 Narrow Slot White Duct	TY3X1NPW6	F3X1WH6	.75 White Duct Cover	TY75CPW6	C.75WH6
1 x 4 Wide Slot White Duct	TY1X4WPW6	G1X4WH6	3 x 2 Narrow Slot White Duct	TY3X2NPW6	F3X2WH6			
2.5 x 2 Wide Slot White Duct	TY25X2WPW6	—	3 x 3 Narrow Slot White Duct	TY3X3NPW6	F3X3WH6			

* Only Available in Grey Colour

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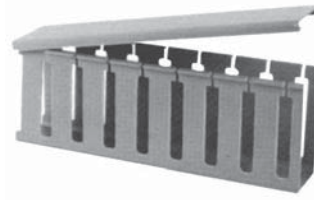


Description	Ty-Duct Part No.	**PANDUCT Part No.	Description	Ty-Duct Part No.	**PANDUCT Part No.	Description	Ty-Duct Part No.	**PANDUCT Part No.
Int. Blue			Int. Blue			Int. Blue		
1.5 x 1.5 Solid Wall Int Blue Duct	TY15X15SPI6	FS1.5X1.5IB6	2.5 x 3 Wide Slot Int Blue Duct	TY25X3WPI6	G2.5X3IB6	3 x 4 Narrow Slot Int Blue Duct	TY3X4NPI6	F3X4IB6
1.5 x 1 Solid Wall Int Blue Duct	TY15X1SPI6	FS1.5X1IB6	2.5 x 4 Wide Slot Int Blue Duct	TY25X4WPI6	—	3 x 5 Narrow Slot Int Blue Duct	TY3X5NPI6	F3X5IB6
1.5 x 2 Solid Wall Int Blue Duct	TY15X2SPI6	FS1.5X2IB6	2 x 1.5 Wide Slot Int Blue Duct	TY2X15WPI6	G2X1.5IB6	4 x 2 Narrow Slot Int Blue Duct	TY4X2NPI6	F4X2IB6
1.5 x 3 Solid Wall Int Blue Duct	TY15X3SPI6	FS1.5X3IB6	2 x 1 Wide Slot Int Blue Duct	TY2X1WPI6	G2X1IB6	4 x 3 Narrow Slot Int Blue Duct	TY4X3NPI6	F4X3IB6
1.5 x 4 Solid Wall Int Blue Duct	TY15X4SPI6	FS1.5X4IB6	2 x 2 Wide Slot Int Blue Duct	TY2X2WPI6	G2X2IB6	4 x 4 Narrow Slot Int Blue Duct	TY4X4NPI6	F4X4IB6
1 x 1.5 Solid Wall Int Blue Duct	TY1X15SPI6	FS1X1.5IB6	2 x 3 Wide Slot Int Blue Duct	TY2X3WPI6	G2X3IB6	4 x 5 Narrow Slot Int Blue Duct	TY4X5NPI6	F4X5IB6
1 x 1 Solid Wall Int Blue Duct	TY1X1SPI6	FS1X1IB6	2 x 4 Wide Slot Int Blue Duct	TY2X4WPI6	G2X4IB6	.75 x 1.5 Narrow Slot Int Blue Duct	TY75X15NPI6	F.75X1.5IB6
1 x 2 Solid Wall Int Blue Duct	TY1X2SPI6	FS1X2IB6NM	2 x 5 Wide Slot Int Blue Duct	TY2X5WPI6	G2X5IB6	1.5 x 1.5 Round Hole Int Blue Duct	TY15X15RPI6	—
1 x 3 Solid Wall Int Blue Duct	TY1X3SPI6	FS1X3IB6	3 x 1 Wide Slot Int Blue Duct	TY3X1WPI6	G3X1IB6	1.5 x 2 Round Hole Int Blue Duct	TY15X2RPI6	D1.5X2IB6
1 x 4 Solid Wall Int Blue Duct	TY1X4SPI6	FS1X4IB6	3 x 2 Wide Slot Int Blue Duct	TY3X2WPI6	G3X2LG7	1.5 x 3 Round Hole Int Blue Duct	TY15X3RPI6	D1.5X3IB6
2.5 x 2 Solid Wall Int Blue Duct	TY25X2SPI6	FS2.5X2IB6	3 x 3 Wide Slot Int Blue Duct	TY3X3WPI6	G3X3LG8	1.5 x 4 Round Hole Int Blue Duct	TY15X4RPI6	D1.5X4IB6
2.5 x 3 Solid Wall Int Blue Duct	TY25X3SPI6	FS2.5X3IB6	3 x 4 Wide Slot Int Blue Duct	TY3X4WPI6	G3X4LG9	1 x 1.5 Round Hole Int Blue Duct	TY1X15RPI6	—
2.5 x 4 Solid Wall Int Blue Duct	TY25X4SPI6	FS2.5X4IB6	3 x 5 Wide Slot Int Blue Duct	TY3X5WPI6	G3X5LG10	1 x 2 Round Hole Int Blue Duct	TY1X2RPI6	D1X2IB6
2 x 1.5 Solid Wall Int Blue Duct	TY2X15SPI6	FS2X1.5IB6	4 x 1.5 Wide Slot Int Blue Duct	TY4X15WPI6	G4X1.5LG10	1 x 3 Round Hole Int Blue Duct	TY1X3RPI6	D1X3IB6
2 x 1 Solid Wall Int Blue Duct	TY2X1SPI6	FS2X1IB6	4 x 2 Wide Slot Int Blue Duct	TY4X2WPI6	G4X2LG11	1 x 4 Round Hole Int Blue Duct	TY1X4RPI6	D1X4IB6
2 x 2 Solid Wall Int Blue Duct	TY2X2SPI6	FS2X2IB6	4 x 3 Wide Slot Int Blue Duct	TY4X3WPI6	G4X3LG12	2 x 1.5 Round Hole Int Blue Duct	TY2X15RPI6	—
2 x 3 Solid Wall Int Blue Duct	TY2X3SPI6	FS2X3IB6	4 x 4 Wide Slot Int Blue Duct	TY4X4WPI6	G4X4LG13	2 x 2 Round Hole Int Blue Duct	TY2X2RPI6	D2X2IB6
2 x 4 Solid Wall Int Blue Duct	TY2X4SPI6	FS2X4IB6NM	4 x 5 Wide Slot Int Blue Duct	TY4X5WPI6	G4X5LG14	2 x 3 Round Hole Int Blue Duct	TY2X3RPI6	D2X3IB6
2 x 5 Solid Wall Int Blue Duct	TY2X5SPI6	FS2X5IB6	6 x 4 Wide Slot Int Blue Duct	TY6X4WPI6	G6X4LG14	2 x 4 Round Hole Int Blue Duct	TY2X4RPI6	D2X4IB6
3 x 1 Solid Wall Int Blue Duct	TY3X1SPI6	FS3X1IB6	.75 x 1.5 Wide Slot Int Blue Duct	TY75X15WPI6	G.75X1.5LG14	3 x 2 Round Hole Int Blue Duct	TY3X2RPI6	D3X2IB6
3 x 2 Solid Wall Int Blue Duct	TY3X2SPI6	FS3X2IB6	.75 x 1 Wide Slot Int Blue Duct	TY75X1WPI6	G.75X1LG14	3 x 3 Round Hole Int Blue Duct	TY3X3RPI6	D3X3IB6
3 x 3 Solid Wall Int Blue Duct	TY3X3SPI6	FS3X3IB6	.75 x 2 Wide Slot Int Blue Duct	TY75X2WPI6	G.75X2LG14	3 x 4 Round Hole Int Blue Duct	TY3X4RPI6	D3X4IB6
3 x 4 Solid Wall Int Blue Duct	TY3X4SPI6	FS3X4IB6NM	1.5 x 1.5 Narrow Slot Int Blue Duct	TY15X15NPI6	F1.5X1.5IB6	4 x 1.5 Round Hole Int Blue Duct	TY4X15RPI6	—
3 x 5 Solid Wall Int Blue Duct	TY3X5SPI6	FS3X5IB6NM	1.5 x 1 Narrow Slot Int Blue Duct	TY15X1NPI6	F1.5X1IB6	4 x 2 Round Hole Int Blue Duct	TY4X2RPI6	D4X2IB6
4 x 1.5 Solid Wall Int Blue Duct	TY4X15SPI6	—	1.5 x 2 Narrow Slot Int Blue Duct	TY15X2NPI6	F1.5X2IB6	4 x 3 Round Hole Int Blue Duct	TY4X3RPI6	D4X3IB6
4 x 2 Solid Wall Int Blue Duct	TY4X2SPI6	FS4X2IB6	1.5 x 3 Narrow Slot Int Blue Duct	TY15X3NPI6	F1.5X3IB6	4 x 4 Round Hole Int Blue Duct	TY4X4RPI6	D4X4IB6
4 x 3 Solid Wall Int Blue Duct	TY4X3SPI6	FS4X3IB6	1.5 x 4 Narrow Slot Int Blue Duct	TY15X4NPI6	F1.5X4IB6	1" High Int Blue Wall Divider	TY1DI6	D1H6*
4 x 4 Solid Wall Int Blue Duct	TY4X4SPI6	FS4X4IB6	1 x 1.5 Narrow Slot Int Blue Duct	TY1X15NPI6	F1X1.5IB6	1.5" High Int Blue Wall Divider	TY1.5DI6	D2H6*
4 x 5 Solid Wall Int Blue Duct	TY4X5SPI6	FS4X5IB6	1 x 1 Narrow Slot Int Blue Duct	TY1X1NPI6	F1X1IB6	2" High Int Blue Wall Divider	TY2DI6	D3H6*
6 x 4 Solid Wall Int Blue Duct	TY6X4SPI6	FS6X4IB6	1 x 2 Narrow Slot Int Blue Duct	TY1X2NPI6	F1X2IB6	3" High Int Blue Wall Divider	TY3DI6	D3H6*
.75 x 1.5 Solid Wall Int Blue Duct	TY75X15SPI6	—	1 x 3 Narrow Slot Int Blue Duct	TY1X3NPI6	F1X3IB6	4" High Int Blue Wall Divider	TY4DI6	D4H6*
.75 x 1 Solid Wall Int Blue Duct	TY75X1SPI6	—	1 x 4 Narrow Slot Int Blue Duct	TY1X4NPI6	F1X4IB6	5" High Int Blue Wall Divider	TY5DI6	D5H6*
.75 x 2 Solid Wall Int Blue Duct	TY75X2SPI6	—	2.5 x 2 Narrow Slot Int Blue Duct	TY25X2NPI6	—	Int Blue Corner Strip	TYCSI6	CS1IB6
1.5 x 1.5 Wide Slot Int Blue Duct	TY15X15WPI6	G1.5X1.5IB6	2.5 x 3 Narrow Slot Int Blue Duct	TY25X3NPI6	—	Int Blue Joining Strip	TYJCI6	DJS1IB6
1.5 x 1 Wide Slot Int Blue Duct	TY15X1WPI6	G1.5X1IB6	2.5 x 4 Narrow Slot Int Blue Duct	TY25X4NPI6	—	1.5 Int Blue Duct Cover	TY15CPI6	C1.5IB6
1.5 x 2 Wide Slot Int Blue Duct	TY15X2WPI6	G1.5X2IB6	2 x 1.5 Narrow Slot Int Blue Duct	TY2X15NPI6	F2X1.5IB6	1 Int Blue Duct Cover	TY1CPI6	C1IB6
1.5 x 3 Wide Slot Int Blue Duct	TY15X3WPI6	G1.5X3IB6	2 x 1 Narrow Slot Int Blue Duct	TY2X1NPI6	F2X1IB6	2.5 Int Blue Duct Cover	TY25CPI6	C2.5IB6
1.5 x 4 Wide Slot Int Blue Duct	TY15X4WPI6	G1.5X4IB6	2 x 2 Narrow Slot Int Blue Duct	TY2X2NPI6	F2X2IB6	2 Int Blue Duct Cover	TY2CPI6	C2IB6
1 x 1.5 Wide Slot Int Blue Duct	TY1X15WPI6	G1X1.5IB6	2 x 3 Narrow Slot Int Blue Duct	TY2X3NPI6	F2X3IB6	3 Int Blue Duct Cover	TY3CPI6	C3IB6
1 x 1 Wide Slot Int Blue Duct	TY1X1WPI6	G1X1IB6	2 x 4 Narrow Slot Int Blue Duct	TY2X4NPI6	F2X4IB6	4 Int Blue Duct Cover	TY4CPI6	C4IB6
1 x 2 Wide Slot Int Blue Duct	TY1X2WPI6	G1X2IB6	2 x 5 Narrow Slot Int Blue Duct	TY2X5NPI6	F2X5IB6	6 Int Blue Duct Cover	TY6CPI6	C6IB6
1 x 3 Wide Slot Int Blue Duct	TY1X3WPI6	G1X3IB6	3 x 1 Narrow Slot Int Blue Duct	TY3X1NPI6	F3X1IB6	.75 Int Blue Duct Cover	TY75CPI6	C.75IB6
1 x 4 Wide Slot Int Blue Duct	TY1X4WPI6	G1X4IB6	3 x 2 Narrow Slot Int Blue Duct	TY3X2NPI6	F3X2IB6			
2.5 x 2 Wide Slot Int Blue Duct	TY25X2WPI6	—	3 x 3 Narrow Slot Int Blue Duct	TY3X3NPI6	F3X3IB6			

* Only Available in Grey Colour

**Panduct® is a trademark of Panduit Corp.

Wiring Duct and Accessories



Original Slot Duct (chlorine free) *Noryl®

Noryl Cat. No.		Nom. Size		Dimensions-Inches									
Duct	Cover	W	H	A	B	C	D	E	F	G	H	J	K
-	-	.50	.50	.62	.50	.75	.56	.62	.38	on ctr.	.50	-	-
-	-	.50	1.00	.62	1.00	.75	1.10	.73	.63	on ctr.	.50	.31	.20
-	-	.50	1.25	.62	1.25	.75	1.35	.73	.52	on ctr.	.50	.31	.20
-	-	.75	.75	.86	.75	1.06	.88	.62	.38	on ctr.	.50	-	-
-	-	.75	1.25	.86	1.25	1.06	1.35	.73	.52	on ctr.	.50	.31	.20
-	-	.75	1.50	.86	1.50	1.06	1.60	.73	1.00	on ctr.	.50	.31	.20
51000	-	1.00	1.00	1.13	1.00	1.38	1.10	.73	.52	on ctr.	.50	.31	.20
51120	-	1.00	1.25	1.13	1.25	1.38	1.35	.73	.52	on ctr.	.50	.31	.20
51150	-	1.00	1.50	1.13	1.50	1.38	1.60	.73	1.00	on ctr.	.50	.31	.20
51020	50010	1.00	2.00	1.18	2.00	1.38	2.10	.73	1.25	on ctr.	.50	.38	.38
51030	-	1.00	3.00	1.18	3.00	1.38	3.10	1.00	2.25	on ctr.	.50	.38	.38
51040	-	1.00	4.00	1.20	4.00	1.38	4.10	1.00	3.25	on ctr.	.50	.38	.38
51510	-	1.50	1.00	1.63	1.00	1.88	1.10	.73	.52	on ctr.	.50	.31	.20
-	-	1.50	1.50	1.63	1.50	1.88	1.60	.73	1.00	on ctr.	.50	.31	.20
51520	50015	1.50	2.00	1.68	2.00	1.88	2.10	.73	1.25	on ctr.	.50	.38	.38
51530	-	1.50	3.00	1.68	3.00	1.88	3.10	1.00	2.25	on ctr.	.50	.38	.38
51540	-	1.50	4.00	1.70	4.00	1.88	4.10	1.00	3.25	on ctr.	.50	.38	.38
52010	-	2.00	1.00	2.13	1.00	2.38	1.10	.73	.52	.50	.50	.31	.20
52150	-	2.00	1.50	2.13	1.50	2.38	1.60	.73	1.00	.50	.50	.31	.20
52020	-	2.00	2.00	2.18	2.00	2.38	2.10	.73	1.25	.50	.50	.38	.38
52030	50020	2.00	3.00	2.18	3.00	2.38	3.10	1.00	2.25	.50	.50	.38	.38
52040	-	2.00	4.00	2.20	4.00	2.38	4.10	1.00	3.25	.50	.50	.38	.38
52050	-	2.00	5.00	2.20	5.00	2.38	5.10	1.50	4.25	.50	.75	.50	.38
-	-	2.50	3.00	2.68	3.00	2.88	3.10	1.00	2.25	on ctr.	.50	.38	.38
-	-	3.00	1.00	3.13	1.00	3.38	1.10	.73	.52	1.00	.50	.31	.20
53120	-	3.00	1.25	3.13	1.25	3.38	1.35	.73	.52	1.00	.50	.31	.20
-	-	3.00	2.00	3.18	2.00	3.38	2.10	.73	1.25	1.00	.50	.38	.38
53030	50030	3.00	3.00	3.18	3.00	3.38	3.10	1.00	2.25	1.00	.50	.38	.38
53040	-	3.00	4.00	3.20	4.00	3.38	4.10	1.00	3.25	1.00	.50	.38	.38
53050	-	3.00	5.00	3.20	5.00	3.38	5.10	1.50	4.25	1.00	.75	.50	.38
-	-	4.00	1.00	4.20	1.00	4.38	1.10	.73	.52	1.50	.50	.31	.2
54020	-	4.00	2.00	4.20	2.00	4.38	2.10	.73	1.25	1.50	.50	.38	.38
54030	50040	4.00	3.00	4.18	3.00	4.38	3.10	1.00	2.25	1.50	.50	.38	.38
54040	-	4.00	4.00	4.20	4.00	4.38	4.10	1.00	3.25	1.50	.50	.38	.38
54050	-	4.00	5.00	4.20	5.00	4.38	5.10	1.50	4.25	1.50	.75	.50	.38

• Standard lengths are 6 feet

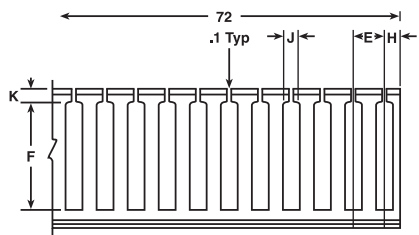
To order Adhesive-backed Duct, add suffix A to Catalogue Number. Example: 52020A is a 2" x 2" grey duct with adhesive backing. Shelf life for adhesive is 1 year.

Note: Noryl® duct is available in oyster white only. UL 94 V-1

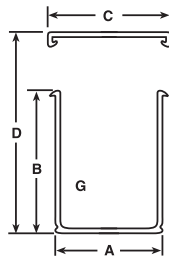
*Noryl® is a registered trademark of Sabic Innovative Plastics IP B.V. Company

Temp. rating: 95°C

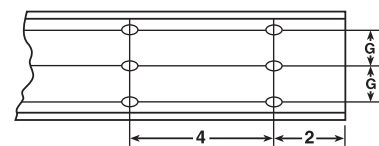
Low temp. (under IZOD impact test): -40°C



Typical Side View

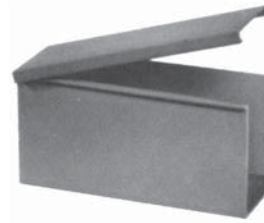


Overall Height Cover Installed



Bottom Mounting Holes, 1/2 x 3/16

Wiring Duct and Accessories



Solid Wall Duct (chlorine free) *Noryl®

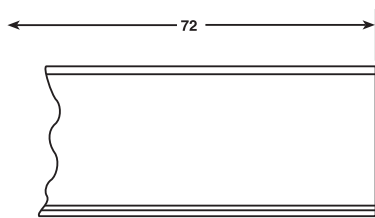
Noryl Cat. No.		Nom. Size		Dimensions-Inches				
Duct	Cover	W	H	A	B	C	D	E
-		.50	.50	.62	.50	.75	.56	on ctr.
-		.50	1.00	.62	1.00	.75	1.10	on ctr.
-		.50	1.25	.62	1.25	.75	1.35	on ctr.
-		.50	1.75	.62	1.75	.75	1.88	on ctr.
-		.50	2.00	.62	2.00	.75	2.10	on ctr.
-		.75	.75	.86	.75	1.06	.88	on ctr.
-		.75	1.00	.86	.75	1.06	1.10	on ctr.
-		.75	1.25	.86	1.25	1.06	1.35	on ctr.
-		.75	1.50	.86	1.50	1.06	1.60	on ctr.
-		.75	2.00	.86	2.00	1.06	2.10	on ctr.
U51000		1.00	1.00	1.13	1.00	1.38	1.10	on ctr.
U51125		1.00	1.25	1.13	1.25	1.38	1.35	on ctr.
U50115		1.00	1.50	1.13	1.50	1.38	1.60	on ctr.
U50102	50010	1.00	2.00	1.18	2.00	1.38	2.10	on ctr.
U50103		1.00	3.00	1.18	3.00	1.38	3.10	on ctr.
U50104		1.00	4.00	1.20	4.00	1.38	4.10	on ctr.
-		1.50	1.00	1.63	1.00	1.88	1.10	on ctr.
U50155		1.50	1.50	1.63	1.50	1.88	1.60	on ctr.
U50152	50015	1.50	2.00	1.68	2.00	1.88	2.10	on ctr.
U50153		1.50	3.00	1.68	3.00	1.88	3.10	on ctr.
U50154		1.50	4.00	1.70	4.00	1.88	4.10	on ctr.
U50201		2.00	1.00	2.13	1.00	2.38	1.10	.50
U50215		2.00	1.50	2.13	1.50	2.38	1.60	.50
U50202		2.00	2.00	2.18	2.00	2.38	2.10	.50
U50203	50020	2.00	3.00	2.18	3.00	2.38	3.10	.50
U50204		2.00	4.00	2.20	4.00	2.38	4.10	.50
U50205		2.00	5.00	2.20	5.00	2.38	5.10	.50
-		2.50	3.00	2.68	3.00	2.88	3.10	on ctr.
-		3.00	1.00	3.13	1.00	3.38	1.10	1.00
U53125		3.00	1.25	3.13	1.25	3.38	1.35	on ctr.
-		3.00	2.00	3.18	2.00	3.38	2.10	1.00
U50302	50030	3.00	3.00	3.18	3.00	3.38	3.10	1.00
U50304		3.00	4.00	3.20	4.00	3.38	4.10	1.00
U50305		3.00	5.00	3.20	5.00	3.38	5.10	1.00
-		4.00	1.00	4.20	1.00	4.38	1.10	1.50
U50402		4.00	2.00	4.18	2.00	4.38	2.10	1.50
U50403	50040	4.00	3.00	4.18	3.00	4.38	3.10	1.50
U50404		4.00	4.00	4.20	4.00	4.38	4.10	1.50
U50405		4.00	5.00	4.20	5.00	4.38	5.10	1.50

• Standard lengths are 6 feet.

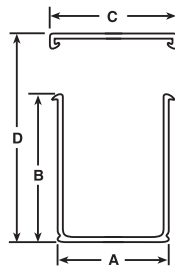
Adhesive backed duct in solid wall style is a custom order. Consult customer service for availability.

Note: Noryl® duct is available in oyster white only. UL 94 V-1

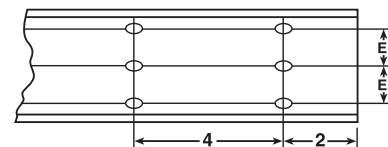
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Typical Side View



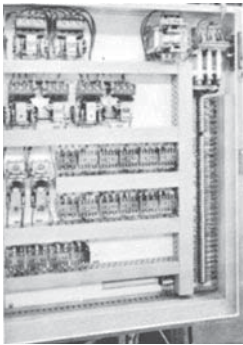
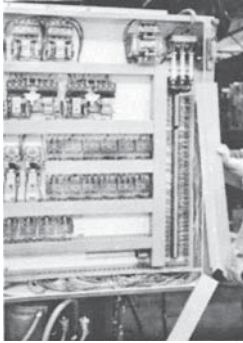
Overall Height Cover Installed



Bottom Mounting Holes, 1/2 x 3/16

Vinyl duct is UL Recognized , UL 94 V-0 rated
CSA Certified and meets the JIC requirements.

Specifications



Open wiring (top) is unsightly and vulnerable. Panel Shield (bottom) provides neat protection for wiring.

Properties of Materials Used in Wiring Duct

Property	Units	ASTM Test	Noryl®
Specific Gravity		D792	1.10
IZOD	ft-lb/in.	D256	5.0
Flexural Strength	psi	D790	12,800
Flexural Modulus	psi	D790	360,000
Tensile Strength	psi	D638	7,800
Compressive Strength	psi	D695	16,000
Water Absorption	24 hrs-%	D570	0.07
Hardness	Rockwell	D785	R-115
	Duro D	D676	
Dielectric Strength		D149	
60 hertz, 25°C, s/t	vpm		400
Dielectric Constant		D150	
60 hz, dry			2.65
1Mhz, dry			2.64
Volume resistivity	ohm-cm	D257	1017
Heat deflecting (°F@ 264 psi)	°F	D648	212
Flammability			94 V-1

The above information is believed reliable. The user should however check the applicable specifications to verify values.

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Why Sta-Kon® Terminals Are Better

Thomas & Betts developed the first tool-applied solderless terminals and connectors over 60 years ago in response to industry awareness of the need for better performance of electrical systems.

Chamfered/Funneled Terminal Barrel Entry

This feature makes wire insertion faster and easier. Chamfering eliminates wire strand “hang up” and departure upon insertion into the terminal’s barrel.

The loss of even a couple of wire strands can have negative results on electrical efficiency and resistance to mechanical strain.

Deep Internal Serrations

After the insertion of a wire into the terminal’s barrel, a deep serrated interior insures a large area of contact which lowers the resistance of a connection. With the mechanical force of the tool, the wire strands cold flow into the serrated interior. This guarantees electrical resistance lower than the wire to which it is applied. This feature also prevents pullout from vibration and mechanical strain. Deep internal serrations can be compared to the effective holding power of a well treaded tire on a wet highway.

Sta-Kon's® Long Barrel Design

If lowering electrical resistance, preventing wire pullout, eliminating a “missed” crimp and an insulator that stays on the barrel during installation are your goals, then you must design a terminal with a long barrel. Most competitive barrel lengths range from 20%-50% shorter than Sta-Kon®

terminals. The results are usually a stream of electrical failure, rework and added expense. This also provides the insulator with additional surface area, holding tight to the barrel. Many competitive insulators come off during crimping due to a limited barrel length.

Brazed or Overlapped Seam

A long barrel design is of little value unless it is one solid piece. That is why Thomas & Betts brazes the seam on our vinyl insulated Sta-Kon® and overlaps the seam on nylon insulated terminals. Many competitive terminals have butted seams. This means increased chances for wirestrand loss, poor resistance, wire pullout and electrical failure. If the installer doesn’t position the tool exactly on the correct spot on the barrel, there’s likely going to be an improper termination. The butted seam can also fold due to tool-applied pressure piercing the terminals insulation from the inside out. With a brazed or overlapped seam the installer can crimp anywhere along the barrel’s surface providing up to 2.5 times the tensile strength of a butted seam terminal, guaranteeing proper electrical flow, void free.



- ***Chamfered Funnel Barrel Entry.***

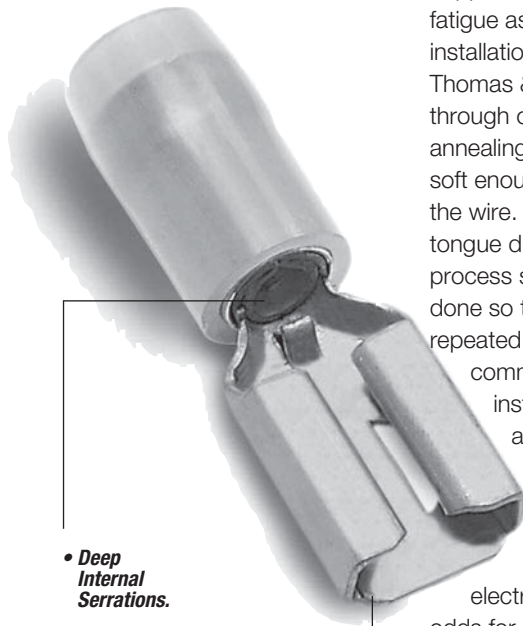
- ***Selectively annealed long barrel.***
- ***Longer barrel design.***
- ***Colour-code Fluoropolymer, Nylon or Vinyl Insulators.***
- ***Brazed or overlapping seams.***

- ***Anti-rotational tongue.***
- ***Hardened tongue.***
- ***Complete wire and stud size identification.***



Strands enter as a homogeneous group and compact tightly under compression due to fully brazed seam

Why Sta-Kon® Terminals Are Better – continued



• **Deep Internal Serrations.**

- **Flat bottom box.**
- **Electro-tin plating.**
- **Center reinforced spring detent for minimum insertion force.**
- **Compound Spring Rails provide positive contact after repeated insertions.**

Selective Annealing

Because of the mechanical strength of copper, an installer can experience fatigue associated with repeated installations. For this reason Thomas & Betts puts our terminals through one more step called selective annealing. This process leaves the barrel soft enough to crimp and form around the wire. However, we “cold form” the tongue during the manufacturing process so it remains strong. This is done so the tongue can withstand repeated bends and bolt tightening strain common in most electrical installations. Many competitors attempt to accomplish similar goals by removing valuable material or using a softer copper which has lower Conductivity. This increases electrical resistance as well as the odds for shorting and downtime.

Anti-Rotational Tongues

This is a unique feature to the Thomas & Betts ring tongue terminal. This design prevents terminal shorting by keeping the terminal secure in the terminal block. The installer can place a greater number of terminals closer together without worry.

Proper Identification

We identify all terminals with Thomas & Betts initials, T & B. We also indicate wire and stud sizes. These markings are clearly visible on the surface of the tongue, taking any guesswork out of replacing or reordering additional parts. Our superior bright plating also assists in visibility.

All Sta-Kon® Terminals are Deburred and Degreased

To ensure a Sta-Kon® terminal is properly plated and insulated, all our parts are put through a process which cleans and smooths the terminal of any manufacturing by-products, mainly grease, oils and sharp edges. Many competitive products do not put their product through such rigorous finishing.

Platings/Finish

Electroplated-Tin is standard. All others require **minimum order quantities** and are generally not stocked. Alternative platings as follows: Gold, Silver, Tin-alloys, Nickel, etc. The following finishes are available on most one-piece Sta-Kon® terminals:

Finish	Suffix	Spec.
Gold Plate	GP	MIL-G-45204 Type II, Grade B, C, D, Class O
Nickel Plate	NP	QQ-N-290 Class 2, Grade G
Plain Finish	PF	None
Silver Plate	SP	MIL-T-16366 Type I or II, 400° F, 204° C
Tin Plate	TP	MIL-T-10727 Type I

To order add the indicated suffix to the regular catalogue number.

Underwriters Laboratories Listing

Sta-Kon® Rings, Fork, and Locking Forks are tested and listed to U.L. 486A, two-way splices to U.L. 486C, disconnects to U.L. 310 and all applicable products to CSA 22.2.

Sta-Kon® Terminals



ERG4001

Thomas & Betts is pleased to announce that Sta-Kon® RA, RB and RC insulated quick disconnect products are now UL listed at 600 volts. The previous rating was only 300 volts and we had several customers that required the additional voltage rating.

Sta-Kon® Ring, Fork & Locking Fork

- Complete line of installing tools engineered to match tool with terminal.
- First to gain military approval for pressure connections ... many styles available for military applications.
- Sta-Kon® products exceed test specification requirements of military, U.L. and CSA.
- Fluoropolymer & Nylon Terminals provided with extra metal sleeve to grip insulation.
- Vinyl insulated and bare Sta-Kon® terminals feature brazed seam wire barrels which can be crimped at any place on the barrel circumference.
- Ring & Fork terminals can be used with solid wire as followed:
Non-Insulated: 22-8 gauge
Insulated: 22-10 gauge

Sta-Kon® Disconnects

- Internal barrel serrations and long barrel provide for maximum tensile strength.
- Complete line of installing tools, engineered to match tool with terminal.
- Funnel entry insulators allow for easier inserting of wire into barrel.
- Colour-coded for easy installation.

The Shure-Stake® Tools are Matched to Terminals

The Shure-Stake® mechanism prevents the dies from releasing the terminal until the proper compression has been completed. With this method, an operator achieves a reliable crimp everytime. Thomas & Betts' tooling techniques correctly match tools, wire size and terminal to produce optimum mechanical and electrical performance.

Sta-Kon® Technical Data

Terminals & Splices Insulation Rating	U.L. 94 Flammability	Voltage	Temperature
Nylon	V-2	600V	105°C
Vinyl	V-0	600V	105°C
FLUOROPOLYMER	V-0	600V	150°C
Disconnects		600V	105°C

The Sta-Kon® Terminal Numbering System

Distributor Package 100/50
Bulk "O.E.M." Packaged 1000/500

Common to Both Packages

- Letter **A** denotes 22-18 AWG wire range
- Letter **B** denotes 16-14 AWG wire range
- Letter **C** denotes 12-10 AWG wire range
- Letter **R** preceding the above letters indicates the terminal is insulated
- No letter **R...** no insulation ... no exception!

Distributor Packaged

Part numbers are very descriptive indicating insulation and type, stud size, tongue style and the largest maximum wire that can be put inside.

- If the letter **R precedes** the number the part is nylon insulated – RA18-6
- If the letter **R follows** the number the part is vinyl insulated – 14RB-8

EXAMPLE: 10RC-8F

C – Indicates 12-10 AWG
10RC – Vinyl Insulated
8 – Indicates stud size
F – means a fork tongue terminal
FL – would indicate locking fork

EXAMPLE: 2RA18X

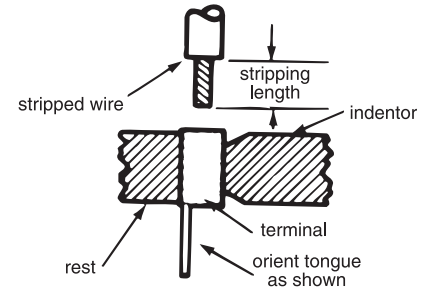
2 – Indicates a 2 way or butt style connector
X – means expanded insulation.

The Proper Installation Procedure for the Quality Assured Connection

The proper installation of terminals, splices and connectors is very important to the efficient performance of an electrical system. The properly installed connector will allow good conductivity through the termination. A poor termination results in a high resistance connection. A poor connector installation may cause damage or failure of an entire system. Certain basic requirements must be met to make a good termination.

1. Before the connector or terminal is installed on the conductor, follow these recommended practices:
 - Strip the insulation carefully so as to avoid nicking or cutting conductor strands.
 - Strip the insulation to the proper length so that the conductors can be inserted fully into the connector barrel; the wire/cable should be visible in the inspection hole of the lug; the proper strip length can be found on page 201.
2. Thomas & Betts wire strippers will help eliminate these problems by properly gaging and measuring the depth and length requirements for the

conductor. See page 180 for wire strippers.



The terminal must be properly installed.

Installation Procedure

1. Train the wires to eliminate fanning of strands.
2. Open handles fully.
3. Insert terminal in proper die nest and locate it as shown above. When crimping a butt splice, position in proper die nest with window facing indentor.
4. Close handles slightly to secure terminal. Do not deform terminal.
5. Insert properly stripped wire into terminal.
6. Complete crimp by closing handles.



Self-insulated with high dielectric-strength nylon sleeves, these ring terminals are recommended for temperatures up to 105°C. An inner bronze insulation grip sleeve lengthens the flexing radius of the conductor and eliminates conductor creep. The nylon jacket is colour-coded:

Colour Code	Wire Range
yellow	26-22
red	22-18
blue	16-14
yellow	12-10

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197.

Please put the suffix M for Mylar Tape RA2573M.

(Bulk number 1000 and 500 packages.)

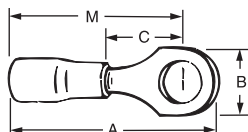
RZ & RAX stock thickness: .02
 RA & RB stock thickness: .03
 RC stock thickness: .04

Nylon Insulated Ring – Insulation Grip

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
RZ22-2**	100	26-22	.083	#2	1	.57	.14	.13	.49
RZ22-4**	100	26-22	.083	#4	1	.65	.21	.20	.54
RZ22-6**	100	26-22	.083	#6	1	.65	.21	.20	.54
RZ22-8**	100	26-22	.083	#8	1	.75	.25	.23	.62
RZ22-10**	100	26-22	.083	#10	1	.75	.25	.23	.62
RAX23*	1000	26-24	.125	#2	3	.66	.14	.14	.59
RAX43*	1000	26-24	.125	#4	3	.74	.20	.19	.64
RAX63*	1000	26-24	.125	#6	3	.84	.25	.22	.72
RAX83*	1000	26-24	.125	#8	3	.84	.25	.22	.72
RAX103*	1000	26-24	.125	#10	3	.84	.25	.24	.72
RA18-4	100	22-16	.136	#4	2	.70	.23	.14	.59
RA323	1000	22-16	.136	#4	2	.70	.23	.14	.59
RA333	1000	22-16	.136	#6	2	.70	.23	.14	.59
RA18-6	100	22-16	.136	#6	2	.83	.26	.25	.71
RA853	1000	22-16	.136	#6	2	.83	.26	.25	.71
RA18-8	100	22-16	.136	#8	3	.83	.26	.25	.71
RA833	1000	22-16	.136	#8	3	.83	.26	.25	.71
RA863	1000	22-16	.136	#8	3	.83	.26	.25	.71
RA18-10	100	22-16	.136	#10	2	.86	.31	.25	.71
RA873	1000	22-16	.136	#10	2	.86	.31	.25	.71
RA18-14	100	22-16	.136	1/4"	3	1.07	.46	.31	.84
RA713	1000	22-16	.136	1/4"	3	1.07	.46	.31	.84
RA18-516	100	22-16	.136	5/16"	3	1.07	.46	.31	.84
RA723	1000	22-16	.136	5/16"	3	1.07	.46	.31	.84
RA18-38	100	22-16	.136	3/8"	3	1.17	.53	.35	.87
RA733	1000	22-16	.136	3/8"	3	1.17	.53	.35	.87
RA18-12	100	22-16	.136	1/2"	3	1.27	.72	.50	.92
RA753	1000	22-16	.136	1/2"	3	1.27	.72	.50	.92
RB14-4	100	18-14	.162	#4	2-1/2	.72	.26	.14	.59
RB1323	1000	18-14	.162	#4	2-1/2	.72	.26	.14	.59
RB14-6	100	18-14	.162	#6	3	.89	.31	.25	.71
RB853	1000	18-14	.162	#6	3	.89	.31	.25	.71
RB1333	1000	18-14	.162	#6	3	.74	.26	.14	.59
RB14-8	100	18-14	.162	#8	3	.89	.31	.25	.71
RB863	1000	18-14	.162	#8	3	.89	.31	.25	.71
RB14-10	100	18-14	.162	#10	3-1/2	.89	.31	.25	.71
RB873	1000	18-14	.162	#10	3-1/2	.89	.31	.25	.71
RB14-14	100	18-14	.162	1/4"	3-1/2	1.08	.47	.31	.81
RB713	1000	18-14	.162	1/4"	3-1/2	1.08	.47	.31	.81
RB14-516	100	18-14	.162	5/16"	3-1/2	1.08	.47	.31	.84
RB723	1000	18-14	.162	5/16"	3-1/2	1.08	.47	.31	.84
RB14-38	100	18-14	.162	3/8"	3-1/2	1.17	.53	.35	.87
RB733	1000	18-14	.162	3/8"	3-1/2	1.17	.53	.35	.87
RB14-12	100	18-14	.162	1/2"	4	1.25	.72	.50	.90
RB753	1000	18-14	.162	1/2"	4	1.25	.72	.50	.90
RC10-6	50	12-10	.210	#6	3	1.00	.37	.27	.81
RC333	500	12-10	.210	#6	3	1.00	.37	.27	.81
RC10-8	50	12-10	.210	#8	5	1.00	.37	.27	.81
RC863	500	12-10	.210	#8	5	1.00	.37	.27	.81
RC10-10	50	12-10	.210	#10	5	1.00	.37	.27	.81
RC363	500	12-10	.210	#10	5	1.00	.37	.27	.81
RC10-14	50	12-10	.210	1/4"	6	1.12	.53	.32	.86
RC713	500	12-10	.210	1/4"	6	1.12	.53	.32	.86
RC10-516	50	12-10	.210	5/16"	6	1.21	.53	.31	.94
RC703	500	12-10	.210	5/16"	6	1.21	.53	.31	.94
RC10-38	50	12-10	.210	3/8"	6	1.27	.59	.35	.98
RC733	500	12-10	.210	3/8"	6	1.27	.59	.35	.98
RC10-12	50	12-10	.210	1/2"	6	1.37	.72	.52	1.02
RC753	500	12-10	.210	1/2"	6	1.37	.72	.52	1.02

* Not Listed By U.L. CSA
 ** CSA Listed only
 U.L. Listed E9809

Installing tools: WT2000, WT112M, WT145C, ERG4001, ERG2003, WT145A
 Installing tool: WT1452 (RZ series only)





Catalogue numbers with the suffix X indicate an expanded insulation grip. This means a wider wire entry to accommodate heavy wall insulation. Ring terminals won't fall free even if the mounting screw loosens.

RB stock thickness: .03
RC stock thickness: .04

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197.

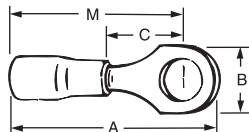
Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Nylon Insulated Ring – Expanded Insulation Grip

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
RB14-4X	100	18-14	.190	#4	4	.80	.26	.14	.67
RB1324	1000	18-14	.190	#4	4	.80	.26	.14	.67
RB14-6X	100	18-14	.190	#6	4	.95	.31	.25	.79
RB854	1000	18-14	.190	#6	4	.95	.31	.25	.79
RB14-8X	100	18-14	.190	#8	5	.95	.31	.25	.79
RB864	1000	18-14	.190	#8	5	.95	.31	.25	.79
RB14-10X	100	18-14	.190	#10	5	.95	.31	.25	.79
RB874	1000	18-14	.190	#10	5	.95	.31	.25	.79
RB14-14X	100	18-14	.190	1/4"	6	1.16	.47	.31	.92
RB714	1000	18-14	.190	1/4"	6	1.16	.47	.31	.92
RB14-516X	100	18-14	.190	5/16"	6	1.16	.47	.31	.92
RB724	1000	18-14	.190	5/16"	6	1.16	.47	.31	.92
RB14-38X	100	18-14	.190	3/8"	6	1.25	.53	.42	.95
RB734	1000	18-14	.190	3/8"	6	1.25	.53	.42	.95
RC10-6X	50	12-10	.250	#6	5	1.10	.37	.27	.91
RC334	500	12-10	.250	#6	5	1.10	.37	.27	.91
RC10-8X	50	12-10	.250	#8	5	1.10	.37	.27	.91
RC864	500	12-10	.250	#8	5	1.10	.37	.27	.91
RC10-10X	50	12-10	.250	#10	5	1.10	.37	.27	.91
RC364	500	12-10	.250	#10	5	1.10	.37	.27	.91
RC10-14X	50	12-10	.250	1/4"	6	1.22	.53	.32	.96
RC714	500	12-10	.250	1/4"	6	1.22	.53	.32	.96
RC10-516X	50	12-10	.250	5/16"	6	1.32	.53	.31	1.05
RC704	500	12-10	.250	5/16"	6	1.32	.53	.31	1.05
RC10-38X	50	12-10	.250	3/8"	6	1.38	.59	.48	1.09
RC734	500	12-10	.250	3/8"	6	1.38	.59	.48	1.09
RC10-12X	50	12-10	.250	1/2"	6	1.48	.72	.52	1.13

U.L. Listed E9809

Installing tools: WT2000, WT112M, WT145C, ERG4001, ERG2003, WT145A





These ring terminals are self-insulated with heat shrinkable polyolefin and internally coated sealant. Upon completed installation, a fully sealed connection is achieved to protect the joint against the degrading effects of galvanic action, corrosion, and environmental exposure.

*RAS & RBS stock thickness: .03
RCS stock thickness: .04*

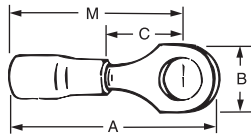
Heat Shrinkable Ring Terminals – Expanded Insulation Support

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
RAS18-6X	100	22-18	.170	#6	2	1.23	.25	.27	1.10
RAS18-8X	100	22-18	.170	#8	3	1.26	.31	.27	1.10
RAS18-10X	100	22-18	.170	#10	2	1.26	.31	.27	1.10
RBS14-6X	100	16-14	.200	#6	3	1.23	.25	.27	1.10
RBS14-8X	100	16-14	.200	#8	3	1.23	.25	.27	1.10
RBS14-10X	100	16-14	.200	#10	3-1/2	1.26	.31	.27	1.10
RCS10-6X	50	12-10	.250	#6	3	1.34	.31	.27	1.15
RCS10-8X	50	12-10	.250	#8	5	1.34	.37	.27	1.15
RCS10-10X	50	12-10	.250	#10	5	1.34	.37	.27	1.15
RCS10-14X	50	12-10	.250	1/4"	6	1.34	.49	.32	1.15

U.L. Listed E9809

Installing tool: WT1255

Note: Not available on Mylar Tape.



Sta-Kon® Terminals



** (Chamfered Funnel)*

*RD, RE, RF stock thickness: .04
RG stock thickness: .05**



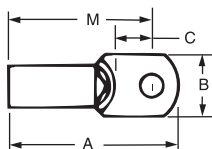
**Brazed Seam, Lolly-Pop Style Tongue.*

Nylon Insulated Ring

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
*RD167	200	8	.340	#8	12	1.48	.42	.28	1.29
*RD8-10	25	8	.340	#10	12	1.48	.42	.28	1.29
*RD367	200	8	.340	#10	12	1.48	.42	.28	1.29
*RD8-14	25	8	.340	1/4"	12	1.54	.46	.36	1.32
*RD717	200	8	.340	1/4"	12	1.54	.46	.36	1.32
*RD8-516	25	8	.340	5/16"	12	1.63	.57	.36	1.35
*RD727	200	8	.340	5/16"	12	1.63	.57	.36	1.35
*RD8-38	25	8	.340	3/8"	12	1.63	.57	.36	1.35
*RD737	200	8	.340	3/8"	12	1.63	.57	.36	1.35
*RD8-12	25	8	.310	1/2"	12	1.79	.82	.55	1.39
RD757	200	8	.310	1/2"	12	1.79	.82	.55	1.39
RD10161	200	8AN	.270	#8	12	1.40	.41	.24	1.20
RD10361	200	8AN	.270	#10	12	1.40	.41	.24	1.20
RD10711	200	8AN	.270	1/4"	12	1.45	.45	.34	1.22
RD10721	200	8AN	.270	5/16"	12	1.53	.56	.34	1.25
RD10731	200	8AN	.270	3/8"	12	1.53	.56	.34	1.25
*RE6-10	20	6	.420	#10	16	1.65	.49	.28	1.40
*RE267	200	6	.420	#10	16	1.65	.49	.28	1.40
*RE6-14	20	6	.420	1/4"	16	1.65	.49	.28	1.40
*RE717	200	6	.420	1/4"	16	1.65	.49	.28	1.40
*RE6-516	20	6	.420	5/16"	16	1.76	.61	.34	1.47
*RE727	200	6	.420	5/16"	16	1.76	.61	.34	1.47
*RE6-38	20	6	.420	3/8"	16	1.76	.61	.34	1.47
*RE737	200	6	.420	3/8"	16	1.76	.61	.34	1.47
*RE6-12	20	6	.395	1/2"	16	1.83	.82	.55	1.43
RE757	200	6	.395	1/2"	16	1.83	.82	.55	1.43
RE10261	200	6AN	.315	#10	16	1.55	.49	.24	1.31
RE10711	200	6AN	.315	1/4"	16	1.55	.49	.27	1.31
RE10721	200	6AN	.315	5/16"	16	1.70	.60	.34	1.40
RE10731	200	6AN	.315	3/8"	16	1.70	.60	.34	1.40
*RF4-10	15	4	.510	#10	21	1.76	.56	.36	1.49
*RF267	100	4	.510	#10	21	1.76	.56	.36	1.49
*RF4-14	15	4	.510	1/4"	21	1.76	.56	.36	1.49
*RF717	100	4	.510	1/4"	21	1.76	.56	.36	1.49
*RF4-516	15	4	.510	5/16"	21	1.84	.62	.35	1.53
*RF727	100	4	.510	5/16"	21	1.84	.62	.35	1.53
*RF4-38	15	4	.510	3/8"	23	1.84	.62	.35	1.53
*RF737	100	4	.510	3/8"	23	1.84	.62	.35	1.53
RF757	100	4	.500	1/2"	23	1.90	.82	.55	1.49
RF10261	100	4AN	.380	#10	26	1.78	.55	.30	1.51
RF10711	100	4AN	.380	1/4"	26	1.78	.55	.30	1.51
RF10721	100	4AN	.380	5/16"	26	1.80	.62	.34	1.49
RF10731	100	4AN	.380	3/8"	26	1.80	.62	.34	1.49
*RG2-10	10	2	.588	#10	42	2.15	.69	.40	1.83
*RG267	50	2	.588	#10	42	2.15	.69	.40	1.83
*RG2-14	10	2	.588	1/4"	42	2.15	.69	.40	1.83
*RG717	50	2	.588	1/4"	42	2.15	.69	.40	1.83
*RG2-516	10	2	.588	5/16"	42	2.15	.69	.40	1.83
*RG727	50	2	.588	5/16"	42	2.15	.69	.40	1.83
*RG2-38	10	2	.588	3/8"	42	2.15	.69	.40	1.83
*RG737	50	2	.588	3/8"	42	2.15	.69	.40	1.83
*RG2-12	10	2	.588	1/2"	42	2.35	.80	.49	1.93
*RG757	50	2	.588	1/2"	42	2.35	.80	.49	1.93
RG9711	50	2AN	.453	1/4"	48	2.07	.69	.40	1.74
RG9731	50	2AN	.453	3/8"	48	2.07	.69	.40	1.74
RG9751	100	2AN	.453	1/2"	48	2.26	.80	.49	1.84

AN – Aircraft Wire. U.L. Listed E9809. Installing tools: TBM6/TBM6S, ERG4007, (RD & RE Except Brazed Seam)

Note: Not available on Mylar Tape.





Stock Thickness:

- RH = .05
- RJ = .06
- RK = .06
- RL = .07
- RM = .07

Nylon Insulated Ring – continued

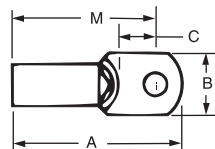
Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
RH9711	100	1AN	.500	1/4"	54	2.14	.77	.44	1.81
RH9731	50	1AN	.500	3/8"	54	2.14	.77	.44	1.81
RH9751	100	1AN	.500	1/2"	54	2.34	.77	.54	1.90
RJ9711	50	1/0AN	.550	1/4"	80	2.35	.83	.46	1.97
RJ9731	25	1/0AN	.550	3/8"	80	2.35	.83	.46	1.97
RJ9751	100	1/0AN	.550	1/2"	80	2.49	.89	.55	2.04
RH717	50	1/0	.629	1/4"	80	2.14	.77	.43	1.81
RH727	50	1/0	.629	5/16"	80	2.14	.77	.43	1.81
RH737	50	1/0	.629	3/8"	80	2.14	.77	.43	1.81
RH757	100	1/0	.629	1/2"	80	2.34	.77	.54	1.90
RK9731	25	2/0AN	.610	3/8"	70	2.52	.93	.55	2.14
RK9751	25	2/0AN	.610	1/2"	70	2.60	.93	.55	2.15
RJ717	50	2/0	.675	1/4"	80	2.34	.83	.46	1.96
RJ727	50	2/0	.675	5/16"	80	2.34	.83	.46	1.96
RJ737	50	2/0	.675	3/8"	80	2.34	.83	.46	1.96
RJ757	50	2/0	.675	1/2"	80	2.48	.89	.54	2.03
RL9731	25	3/0AN	.680	3/8"	120	2.83	1.04	.57	2.36
RL9751	100	3/0AN	.680	1/2"	120	2.83	1.04	.57	2.36
RK717	25	3/0	.765	1/4"	84	2.60	.93	.54	2.21
RK727	25	3/0	.765	5/16"	84	2.60	.93	.54	2.21
RK737	25	3/0	.765	3/8"	84	2.60	.93	.54	2.21
RM9731	100	4/0AN	.750	3/8"	160	3.00	1.13	.66	2.51
RM9751	20	4/0AN	.750	1/2"	160	3.00	1.13	.66	2.51
RL737	25	4/0	.785	3/8"	130	2.83	1.04	.57	2.35
RL757	100	4/0	.785	1/2"	130	2.83	1.04	.57	2.35
RM737	25	250MCM	.868	3/8"	130	3.00	1.13	.65	2.51
RM747	25	250MCM	.868	7/16"	130	3.00	1.13	.65	2.51
RM757	25	250MCM	.868	1/2"	130	3.00	1.13	.65	2.51

AN – Aircraft Wire

U.L. Listed E9809

Installing tools: TBM6/TBM6S, ERG4007, (RD & RE Except Brazed Seam)

Note: Not available on Mylar Tape.



Sta-Kon®

Terminals



These ring terminals are self-insulated with a PVC insulation sleeve of extra length to give protection and relieve bending stress at wire's flex point. Brazed seam barrel is serrated to obtain high pull-out value. Terminal is made of high conductivity electrolytic copper, electro-tin plated. Insulation material is colour-coded:

Colour Code	Wire Range
red	22-16
blue	18-14
yellow	12-10

Stock Thickness:

RA & RB	=	.03
RC	=	.04

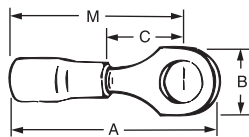
Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Vinyl Insulated Ring – Insulation Grip

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
18RA-4	100	22-16	.150	#4	3	.97	.31	.27	.81
RA77	1000	22-16	.150	#4	3	.97	.31	.27	.81
18RA-6	100	22-16	.150	#6	3	.94	.25	.27	.81
RA857	1000	22-16	.150	#6	3	.94	.25	.27	.81
18RA-8	100	22-16	.150	#8	3	.97	.31	.27	.81
RA867	1000	22-16	.150	#8	3	.97	.31	.27	.81
18RA-10	100	22-16	.150	#10	3	.97	.31	.27	.81
RA877	1000	22-16	.150	#10	3	.97	.31	.27	.81
18RA-14	100	22-16	.150	1/4"	4	1.13	.50	.37	.88
RA717	1000	22-16	.150	1/4"	4	1.13	.50	.37	.88
18RA-516	100	22-16	.150	5/16"	4	1.13	.50	.37	.88
RA727	1000	22-16	.150	5/16"	4	1.13	.50	.37	.88
18RA-38	100	22-16	.150	3/8"	4	1.24	.54	.37	.91
RA737	1000	22-16	.150	3/8"	4	1.24	.54	.37	.91
14RB-4	100	18-14	.170	#4	3	.94	.25	.27	.81
RB1327	1000	18-14	.170	#4	3	.94	.25	.27	.81
14RB-6	100	18-14	.170	#6	3	.97	.31	.27	.81
RB857	1000	18-14	.170	#6	3	.97	.31	.27	.81
14RB-8	100	18-14	.170	#8	3	.97	.31	.27	.81
RB867	1000	18-14	.170	#8	3	.97	.31	.27	.81
14RB-10	100	18-14	.170	#10	3	.97	.31	.27	.81
RB877	1000	18-14	.170	#10	3	.97	.31	.27	.81
14RB-14	100	18-14	.170	1/4"	4	1.14	.50	.38	.89
RB717	1000	18-14	.170	1/4"	4	1.14	.50	.38	.89
14RB-516	100	18-14	.170	5/16"	4	1.15	.50	.38	.89
RB727	1000	18-14	.170	5/16"	4	1.15	.50	.38	.89
14RB-38	100	18-14	.170	3/8"	4	1.16	.54	.38	.91
RB737	1000	18-14	.170	3/8"	4	1.16	.54	.38	.91
10RC-6	50	12-10	.210	#6	5	1.06	.31	.27	.90
RC337	500	12-10	.210	#6	5	1.06	.31	.27	.90
10RC-8	50	12-10	.210	#8	5	1.06	.31	.27	.90
RC777	500	12-10	.210	#8	5	1.06	.31	.27	.90
10RC-10	50	12-10	.210	#10	5	1.06	.31	.27	.90
RC367	500	12-10	.210	#10	5	1.06	.31	.27	.90
10RC-14	50	12-10	.210	1/4"	6	1.16	.50	.27	.90
RC717	500	12-10	.210	1/4"	6	1.16	.50	.27	.90
10RC-516	50	12-10	.210	5/16"	6	1.17	.50	.37	.92
RC707	500	12-10	.210	5/16"	6	1.17	.50	.37	.92
10RC-38	50	12-10	.210	3/8"	6	1.29	.59	.44	.99
RC737	500	12-10	.210	3/8"	6	1.29	.59	.44	.99

U.L. Listed E9809

Installing tools: WT145C, WT2000, WT112M, ERG4001, ERG2003





Catalogue numbers with the suffix X indicate an expanded insulation support. This means a wider wire entry to accommodate heavy wall insulation. Ring terminals won't fall free even if the mounting screw loosens.

Stock Thickness:
RA & RB = .03
RC = .04

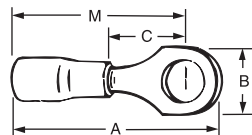
Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Vinyl Insulated Ring – Expanded Insulation Support

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
18RA-6X	100	22-16	.170	#6	3	.97	.31	.27	.81
18RA-8X	100	22-16	.170	#8	3	.97	.31	.27	.81
RA867-170	1000	22-16	.170	#8	3	.97	.31	.27	.81
18RA-10X	100	22-16	.170	#10	3	.97	.31	.27	.81
RA877-170	1000	22-16	.170	#10	3	.97	.31	.27	.81
18RA-14X	100	22-16	.170	1/4"	4	1.13	.50	.37	.88
RA727-170	1000	22-16	.170	5/16"	4	1.13	.50	.37	.88
14RB-4X	100	18-14	.200	#4	3	.94	.25	.27	.81
14RB-6X	100	18-14	.200	#6	3	.97	.31	.27	.81
RB857-200	1000	18-14	.200	#6	3	.97	.31	.27	.81
14RB-8X	100	18-14	.200	#8	3	.97	.31	.27	.81
RB867-200	1000	18-14	.200	#8	3	.97	.31	.27	.81
14RB-10X	100	18-14	.200	#10	3	.97	.31	.27	.81
RB877-200	1000	18-14	.200	#10	3	.97	.31	.27	.81
14RB-14X	100	18-14	.200	1/4"	4	1.14	.50	.38	.89
RB717-200	1000	18-14	.200	1/4"	4	1.14	.50	.38	.89
14RB-516X	100	18-14	.200	5/16"	4	1.15	.50	.38	.89
14RB-38X	100	18-14	.200	3/8"	4	1.16	.54	.35	.91
10RC-6X	50	12-10	.250	#6	5	1.06	.31	.27	.90
RC337-250	500	12-10	.250	#6	5	1.06	.31	.27	.90
10RC-8X	50	12-10	.250	#8	5	1.06	.31	.27	.90
RC777-250	500	12-10	.250	#8	5	1.06	.31	.27	.90
10RC-10X	50	12-10	.250	#10	5	1.06	.31	.27	.90
RC367-250	500	12-10	.250	#10	5	1.06	.31	.27	.90
10RC-14X	50	12-10	.250	1/4"	6	1.16	.50	.27	.90
RC717-250	500	12-10	.250	1/4"	6	1.16	.50	.27	.90
10RC-516X	50	12-10	.250	5/16"	6	1.17	.50	.37	.92
10RC-38X	50	12-10	.250	3/8"	6	1.29	.59	.44	.99
RC737-250	500	12-10	.250	3/8"	6	1.29	.59	.44	.99

U.L. Listed E9809

Installing tools: WT145C, WT2000, WT112M, ERG4001, ERG2003





Stock Thickness: .04



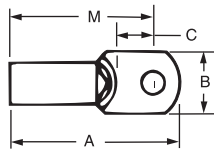
*Brazed Seam, Lolly-Pop Style Tongue

Vinyl Insulated Ring

Cat. No.	Stud Size	Max. Ins. Dia.	Wire Range	Dimensions			
				A	B	C	M
Series RDV – Aircraft Wire AN							
RDV10161	#8	.270	8	1.40	.41	.24	1.20
RDV10361	#10	.270	8	1.40	.41	.24	1.20
RDV10711	1/4"	.270	8	1.45	.45	.27	1.22
RDV10721	5/16"	.270	8	1.53	.56	.34	1.25
RDV10731	3/8"	.270	8	1.53	.56	.34	1.25
Code Wire AWG							
RDV167	#8	.340	8	1.48	.42	.28	1.29
RDV367	#10	.340	8	1.48	.42	.28	1.29
RDV717	1/4"	.340	8	1.54	.46	.36	1.32
RDV727	5/16"	.340	8	1.63	.57	.36	1.35
RDV737	3/8"	.340	8	1.63	.57	.36	1.35
RDV757*	1/2"	.310	8	1.79	.82	.55	1.39
Series REV – Aircraft Wire AN							
REV10261	#10	.315	6	1.55	.45	.24	1.31
REV10711	1/4"	.315	6	1.55	.49	.27	1.31
REV10721	5/16"	.315	6	1.70	.60	.34	1.40
REV10731	3/8"	.315	6	1.70	.60	.34	1.40
Code Wire AWG							
REV267	#10	.420	6	1.65	.45	.28	1.40
REV717	1/4"	.420	6	1.65	.49	.28	1.40
REV727	5/16"	.420	6	1.76	.61	.34	1.47
REV737	3/8"	.420	6	1.76	.61	.34	1.47
REV757*	1/2"	.395	6	1.83	.82	.55	1.43

Note: Not available on Mylar Tape.

Installing tool: ERG4007 (RD & RE Except Brazed Seam), TBN6/65





These non-insulated ring terminals are made of electrolytic copper for high conductivity. They can be installed with crimping tools having a single indenter or double indenter (recommended for solid wire). Serrated barrel increases grip on wire. Wire range identification is stamped on the tongue of each terminal.

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and applicator dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M.

(Bulk number 1000 and 500 packages.)

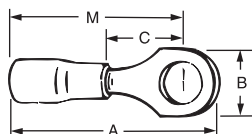
Stock Thickness:
A & B = .03
BC = .05
C = .04

Non-Insulated Ring

Cat. No.	Pkg. Qty.	Wire Range	Bolt Hole	Wt./lb. Per 1000	Dimensions			
					A	B	C	M
A18-4	100	22-16	#4	2	.75	.31	.27	.59
A18-6	100	22-16	#6	2	.72	.25	.27	.59
A85	1000	22-16	#6	2	.72	.25	.27	.59
A18-8	100	22-16	#8	2	.75	.31	.27	.59
A86	1000	22-16	#8	2	.75	.31	.27	.59
A18-10	100	22-16	#10	2	.75	.31	.27	.59
A87	1000	22-16	#10	2	.75	.31	.27	.59
A18-14	100	22-16	1/4"	3	.92	.50	.37	.67
A71	1000	22-16	1/4"	3	.92	.50	.37	.67
A18-516	100	22-16	5/16"	3	.92	.50	.37	.67
A72	1000	22-16	5/16"	3	.92	.50	.37	.67
A18-38	100	22-16	3/8"	3	.99	.54	.35	.67
A73	1000	22-16	3/8"	3	.99	.54	.35	.67
A18-12	100	22-16	1/2"	3	1.06	.72	.38	.70
A75	1000	22-16	1/2"	3	1.06	.72	.38	.70
B14-4	100	18-14	#4	2	.72	.25	.27	.59
B132	1000	18-14	#4	2	.72	.25	.27	.59
B14-6	100	18-14	#6	2	.75	.31	.27	.59
B133	1000	18-14	#6	2	.75	.31	.27	.59
B14-8	100	18-14	#8	3	.75	.31	.27	.59
B86	1000	18-14	#8	3	.75	.31	.27	.59
B14-10	100	18-14	#10	3	.75	.31	.27	.59
B87	1000	18-14	#10	3	.75	.31	.27	.59
B14-14	100	18-14	1/4"	6	.93	.50	.38	.68
B71	1000	18-14	1/4"	6	.93	.50	.38	.68
B14-516	100	18-14	5/16"	6	.93	.50	.38	.68
B72	1000	18-14	5/16"	6	.93	.50	.38	.68
B14-38	100	18-14	3/8"	6	.96	.54	.35	.68
B73	1000	18-14	3/8"	6	.96	.54	.35	.68
B14-12	100	18-14	1/2"	6	1.06	.72	.38	.70
B75TB	1000	18-14	1/2"	6	1.06	.72	.38	.70
B85	1000	18-14	#6	6	.75	.31	.27	.59
B134	1000	18-14	#8	6	.72	.25	.27	.59
BC14-6	50	heavy duty 16-14	#6	4	.81	.25	.29	.68
BC85	500	use C tooling	#6	4	.81	.25	.29	.68
BC14-8	50	heavy duty 16-14	#8	4	.87	.39	.29	.68
BC86	500	use C tooling	#8	4	.87	.39	.29	.68
BC14-10	50	heavy duty 16-14	#10	5	.87	.39	.29	.68
BC87	500	use C tooling	#10	5	.87	.39	.29	.68
BC14-14	50	heavy duty 16-14	1/4"	5	.93	.51	.29	.68
BC71	500	use C tooling	1/4"	5	.93	.51	.29	.68
BC14-516	50	heavy duty 16-14	5/16"	6	1.04	.54	.38	.77
BC72	500	use C tooling	5/16"	6	1.04	.54	.38	.77
BC14-38	50	heavy duty 16-14	3/8"	6	1.09	.63	.38	.77
BC79	500	use C tooling	3/8"	6	1.09	.63	.38	.77
BC14-12	50	heavy duty 16-14	1/2"	6	1.32	.76	.54	.94
BC75	500	use C tooling	1/2"	6	1.32	.76	.54	.94
C10-6-SK	50	12-10	#6	4	.82	.31	.27	.66
C33	500	12-10	#6	4	.82	.31	.27	.66
C10-8-SK	50	12-10	#8	5	.82	.31	.27	.66
C77	500	12-10	#8	5	.82	.31	.27	.66
C10-10	50	12-10	#10	5	.85	.38	.27	.66
C26	500	12-10	#10	5	.85	.38	.27	.66
C36	500	12-10	#10	7	.82	.31	.27	.66
C10-14	50	12-10	1/4"	7	.91	.50	.27	.66
C71	500	12-10	1/4"	7	.91	.50	.27	.66
C10-516	50	12-10	5/16"	8	.98	.50	.38	.73
C70	500	12-10	5/16"	8	.98	.50	.38	.73
C72	500	12-10	5/16"	7	1.10	.59	.45	.80
C10-38	50	12-10	3/8"	7	1.10	.59	.45	.80
C73	500	12-10	3/8"	7	1.10	.59	.45	.80
C10-12	50	12-10	1/2"	7	1.21	.72	.38	.84
C75	500	12-10	1/2"	7	1.21	.72	.38	.84

U.L. Listed E9809

Installing tools: WT111M, WT112M, WT110M, ERG4002, ERG4005, WT2000



Sta-Kon® Terminals



These non-insulated ring terminals are made of electrolytic copper for high conductivity. They can be installed with crimping tools having a single indentor or double indentor (recommended for solid wire). Serrated barrel increases grip on wire. Wire range identification is stamped on the tongue of each terminal.

Stock Thickness:
D & E = .06
F = .07
D10, E10, F10 = .04
D975 & F975 = .04

Non-Insulated Ring – Brazed Seam

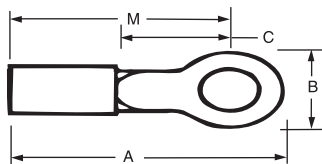
Cat. No.	Pkg. Qty.	Wire Range	Bolt Hole	Wt./lb. Per 1000	Dimensions			
					A	B	C	M
D8-10	25	8	#10	16	1.13	.48	.36	.90
D36*	200	8	#10	16	1.13	.48	.36	.90
D8-14-SK	25	8	1/4"	14	1.13	.48	.36	.90
D71*	200	8	1/4"	14	1.13	.48	.36	.90
D8-516	25	8	5/16"	16	1.32	.59	.49	1.03
D72*	200	8	5/16"	16	1.32	.59	.49	1.03
D8-38	25	8	3/8"	14	1.32	.59	.49	1.03
D73*	200	8	3/8"	14	1.32	.59	.49	1.03
D8-12	25	8	1/2"	14	1.49	.82	.55	1.09
D75*	200	8	1/2"	14	1.49	.82	.55	1.09
E6-10	20	6	#10	17	1.13	.48	.36	.90
E26*	200	6	#10	17	1.13	.48	.36	.90
E6-14	20	6	1/4"	20	1.13	.48	.36	.90
E71*	200	6	1/4"	20	1.13	.48	.36	.90
E6-516	20	6	5/16"	20	1.32	.60	.49	1.03
E72*	200	6	5/16"	20	1.32	.60	.49	1.03
E6-38	20	6	3/8"	20	1.32	.60	.49	1.03
E73*	200	6	3/8"	20	1.32	.60	.49	1.03
E6-12	20	6	1/2"	20	1.49	.82	.55	1.08
E75*	200	6	1/2"	20	1.49	.82	.55	1.08
F4-10	20	4	#10	24	1.16	.48	.36	.93
F26*	200	4	#10	24	1.16	.48	.36	.93
F4-14	20	4	1/4"	25	1.16	.48	.36	.93
F71*	200	4	1/4"	25	1.16	.48	.36	.93
F4-516	20	4	5/16"	25	1.35	.60	.49	1.06
F72*	200	4	5/16"	25	1.35	.60	.49	1.06
F4-38	20	4	3/8"	25	1.35	.60	.49	1.06
F73*	200	4	3/8"	25	1.35	.60	.49	1.06
F4-12	20	4	1/2"	25	1.52	.82	.55	1.11
F75*	200	4	1/2"	25	1.52	.82	.55	1.11

Installing tools: ERG4005 (D Series only), WT115A D, E, F and G, TBM6/TBM6S, WT3185

Installing dies: 11802 INDENTOR (D-E-F-G), D-11803-NEST, E-11805-NEST, F-11806-NEST (all ordered separately)

Not available on Mylar Tape.

* Brazed seam, lolly-pop style torque



Sta-Kon® Terminals



These non-insulated ring terminals are made of electrolytic copper for high conductivity. They can be installed with crimping tools having a single indenter or double indenter (recommended for solid wire). Serrated barrel increases grip on wire. Wire range identification is stamped on the tongue of each terminal.

Stock Thickness:
G & H = .05
J & K = .06
L & M = .07

Non-Insulated Ring – Tubular

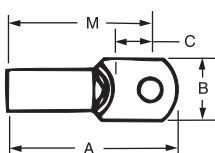
Cat. No.	Pkg. Qty.	Wire Range	Bolt Hole	Wt./lb. Per 1000	Dimensions			
					A	B	C	M
D10161	200	8	#8	12	1.15	.41	.28	.95
D10361	200	8	#10	12	1.15	.41	.28	.95
D10711	200	8	1/4"	12	1.20	.45	.36	.97
D10721	200	8	5/16"	12	1.28	.56	.36	1.00
D10731	200	8	3/8"	12	1.28	.56	.36	1.00
D975*	200	8	1/2"	12	1.46	.83	.49	1.06
E10261	200	6	#10	14	1.26	.49	.24	1.02
E10711	200	6	1/4"	14	1.26	.49	.27	.99
E10721	200	6	5/16"	14	1.38	.60	.34	1.04
E10731	200	6	3/8"	14	1.38	.60	.34	1.04
F10261	100	4	#10	20	1.37	.55	.30	1.07
F10711	100	4	1/4"	20	1.37	.55	.30	1.07
F10721	100	4	5/16"	20	1.42	.62	.34	1.08
F10731	100	4	3/8"	20	1.42	.62	.34	1.08
F975*	200	4	1/2"	20	1.49	.83	.45	1.10
G2-14	10	2	1/4"	50	1.59	.69	.40	1.26
G2-516	10	2	5/16"	50	1.59	.69	.40	1.26
G2-38	10	2	3/8"	50	1.59	.69	.40	1.26
G2-12	10	2	1/2"	50	1.79	.80	.49	1.36
G926	100	2 AN-1-2	#10	40	1.59	.69	.40	1.26
G971	100	2 AN-1-2	1/4"	40	1.59	.69	.40	1.26
G972	100	2 AN-1-2	5/16"	40	1.59	.69	.40	1.26
G973	100	2 AN-1-2	3/8"	40	1.59	.69	.40	1.26
G975	100	2 AN-1-2	1/2"	40	1.79	.80	.49	1.36
H971	100	1AN-1/0	1/4"	50	1.65	.77	.43	1.32
H972	100	1AN-1/0	5/16"	50	1.65	.77	.43	1.32
H973	100	1AN-1/0	3/8"	50	1.65	.77	.43	1.32
H975	100	1AN-1/0	1/2"	50	1.85	.77	.54	1.41
H10-14	10	1/0	1/4"	50	1.65	.77	.43	1.32
J971	50	1/0AN-2/0	1/4"	60	1.94	.84	.48	1.53
J972	50	1/0AN-2/0	5/16"	60	1.94	.84	.48	1.53
J973	50	1/0AN-2/0	3/8"	60	1.99	.84	.53	1.58
J974	50	1/0AN-2/0	7/16"	60	1.99	.89	.51	1.56
J975	50	1/0AN-2/0	1/2"	60	1.99	.89	.51	1.56
J20-38	10	2/0	3/8"	70	1.84	.83	.46	1.46
K971	50	2/0AN-3/0	1/4"	76	2.08	.93	.54	1.69
K972	50	2/0AN-3/0	5/16"	76	2.08	.93	.54	1.69
K973	50	2/0AN-3/0	3/8"	76	2.08	.93	.54	1.69
K974	50	2/0AN-3/0	7/16"	76	2.08	.93	.54	1.70
K975	50	2/0AN-3/0	1/2"	76	2.08	.93	.54	1.70
K30-38	5	3/0	3/8"	82	2.08	.93	.54	1.69
L973	50	3/0AN-4/0	3/8"	92	2.25	1.04	.57	1.77
L974	50	3/0AN-4/0	7/16"	92	2.25	1.04	.57	1.77
L975	50	3/0AN-4/0	1/2"	92	2.25	1.04	.57	1.77
L40-38	5	4/0	3/8"	100	2.25	1.04	.57	1.77
M972	50	4/0AN-250MCM	5/16"	112	2.28	1.12	.62	1.90
M973	50	4/0AN-250MCM	3/8"	112	2.40	1.12	.65	1.91
M974	50	4/0AN-250MCM	7/16"	112	2.40	1.12	.65	1.91
M975	50	4/0AN-250MCM	1/2"	112	2.40	1.12	.65	1.91
M250-38	5	250MCM	3/8"	135	2.40	1.12	.65	1.91

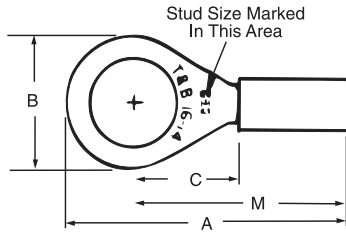
AN – Aircraft Wire

Installing tools: TBM6/TBM6S, WT3185 (G, H, J Series only)

Note: Not available on Mylar Tape.

* Brazed seam, lolly-pop style torque





Nylon or Vinyl Insulated

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Material: copper .050 thk.
 Finish: electro tin-plate
 Wire Range: #16-14
 Colour Code: green vinyl or nylon insulator

Nylon #16-14 AWG – Heavy Duty

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
RBC14-6	50	16-14 heavy duty	.210	#6	—	.98	.25	.29	.85
RBC853	500	use RC tooling	.210	#6	—	.98	.25	.29	.85
RBC14-8	50	16-14 heavy duty	.210	#8	—	1.04	.39	.29	.85
RBC863	500	use RC tooling	.210	#8	—	1.04	.39	.29	.85
RBC14-10	50	16-14 heavy duty	.210	#10	—	1.04	.39	.29	.85
RBC873	500	use RC tooling	.210	#10	—	1.04	.39	.29	.85
RBC14-14	50	16-14 heavy duty	.210	1/4	—	1.10	.51	.29	.85
RBC713	500	use RC tooling	.210	1/4	—	1.10	.51	.29	.85
RBC14-516	50	16-14 heavy duty	.210	5/16	—	1.21	.54	.38	.94
RBC723	500	use RC tooling	.210	5/16	—	1.21	.54	.38	.94
RBC14-38	50	16-14 heavy duty	.210	3/8	—	1.26	.63	.38	.94
RBC793	500	use RC tooling	.210	3/8	—	1.26	.63	.38	.94
RBC14-12	50	16-14 heavy duty	.210	1/2	—	1.49	.76	.54	1.11
RBC753	500	use RC tooling	.210	1/2	—	1.49	.76	.54	1.11

ERG4001, WT2000, WT145C, and power tools as recommended crimp in the 12-10 nest (yellow)

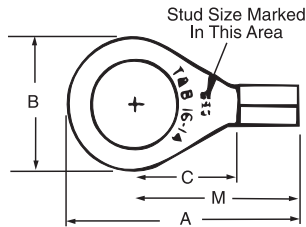
Vinyl #16-14 AWG – Heavy Duty

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
14RBC-6	50	16-14 heavy duty	.210	#6	5	1.06	.25	.29	.93
RBC857	500	use RC tooling	.210	#6	5	1.06	.25	.29	.93
14RBC-8	50	16-14 heavy duty	.210	#8	5	1.13	.39	.29	.93
RBC867	500	use RC tooling	.210	#8	5	1.13	.39	.29	.93
14RBC-10	50	16-14 heavy duty	.210	#10	5	1.13	.39	.29	.93
RBC877	500	use RC tooling	.210	#10	5	1.13	.39	.29	.93
14RBC-14	50	16-14 heavy duty	.210	1/4"	6	1.19	.51	.29	.93
RBC717	500	use RC tooling	.210	1/4"	6	1.19	.51	.29	.93
14RBC-516	50	16-14 heavy duty	.210	5/16"	6	1.29	.54	.38	1.03
RBC727	500	use RC tooling	.210	5/16"	6	1.29	.54	.38	1.03
14RBC-38	50	16-14 heavy duty	.210	3/8"	6	1.34	.63	.38	1.03
RBC797	500	use RC tooling	.210	3/8"	6	1.34	.63	.38	1.03
14RBC-12	50	16-14 heavy duty	.210	1/2"	6	1.57	.76	.54	1.19
RBC757	500	use RC tooling	.210	1/2"	6	1.57	.76	.54	1.19

Non-Insulated #16-14 AWG – Heavy Duty

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
BC14-6	100	16-14 heavy duty	—	#6	—	.81	.25	.29	.68
BC85	500	use RC tooling	—	#6	—	.81	.25	.29	.68
BC14-8	100	16-14 heavy duty	—	#8	—	.87	.39	.29	.68
BC86	500	use RC tooling	—	#8	—	.87	.39	.29	.68
BC14-10	100	16-14 heavy duty	—	#10	—	.87	.39	.29	.68
BC87	500	use RC tooling	—	#10	—	.87	.39	.29	.68
BC14-14	100	16-14 heavy duty	—	1/4	—	.93	.51	.29	.68
BC71	500	use RC tooling	—	1/4"	—	.93	.51	.29	.68
BC14-516	100	16-14 heavy duty	—	5/16	—	1.04	.54	.38	.77
BC72	500	use RC tooling	—	5/16"	—	1.04	.54	.38	.77
BC14-38	100	16-14 heavy duty	—	3/8	—	1.09	.63	.38	.77
BC79	500	use RC tooling	—	3/8"	—	1.09	.63	.38	.77
BC14-12	100	16-14 heavy duty	—	1/2	—	1.32	.76	.54	.94
BC75	500	use RC tooling	—	1/2"	—	1.32	.76	.54	.94

ERG4002, WT111M, WT2000, and power tools as recommended, crimp in the 12-10 nest



Non-Insulated

Sta-Kon®

Terminals



For easily installed, permanent terminations of solid, round, or stranded nichrome wires as used in toasters, irons, heaters, etc. High temperature non-insulated ring terminals and splices are designed for use with solid or stranded resistance wires as used in appliances such as toasters, irons, and heaters.

Stock Thickness:
 24-22 ga. = .032
 20-18 ga. = .032
 16-14 ga. = .040
 12-10 ga. = .040

High Temperature Non-Insulated Ring – 1200°F Max.

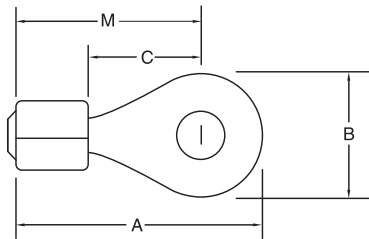
Terminals for nichrome wire NW Series

Cat. No.	Pkg. Qty.	Wire Range	Bolt Hole	Wt./lb. Per 1000	Dimensions			
					A	B	C	M
NW21	1000	24-22	#6	1.5	.59	.31	.28	.44
NW22	1000	24-22	#8	1.5	.59	.31	.28	.44
NW23	1000	24-22	#10	1.5	.59	.31	.28	.44
NW18-10	100	20-18	#10	2.5	.63	.31	.28	.38
NW52	1000	20-18	#8	2.5	.63	.31	.28	.38
NW81	1000	16-14	#6	2.5	.66	.31	.28	.51
NW14-8	100	16-14	#8	2.5	.66	.31	.28	.51
NW14-10	100	16-14	#10	2.5	.66	.31	.28	.51
NW83	1000	16-14	#10	2.5	.66	.31	.28	.51
NW14-12	100	16-14	#12*	2.5	.66	.31	.28	.51
NW84	1000	16-14	#12*	2.5	.66	.31	.28	.51
NW10-8	50	12-10	#8	3	.66	.31	.28	.51
NW10-10	50	12-10	#10	3	.66	.31	.28	.51
NW10-12	50	12-10	#12*	3	.66	.31	.28	.51

* #12 stud is approximate 1/4" stud.

Installing tool: WT1377

Note: Not available on Mylar Tape.





Stock Thickness:
RAT & RBT = .03
RCT = .04

Package Quantities:
RAT & RBT = 1000 pcs.
RCT = 500 pcs.

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

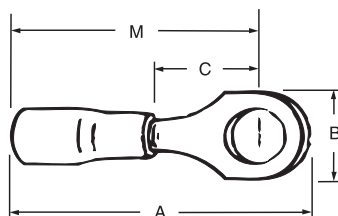
Fluoropolymer Insulated Ring – Insulation Grip

Cat. No.	Pkg	Stud Size	Max. Ins. Dia.	Wire Range	Dimensions			
					A	B	C	M
Series RAT – For U.L. 94V-O Flammability Rating/High Temperature and Chemical Resistance.								
RAT853	1000	#6	.140	22-18	.81	.25	.25	.69
RAT18-6	100	#6	.140	22-18	.81	.25	.25	.69
RAT863	1000	#8	.140	22-18	.84	.31	.25	.69
RAT18-8	100	#8	.140	22-18	.84	.31	.25	.69
RAT873	1000	#10	.140	22-18	.84	.31	.25	.69
RAT18-10	100	#10	.140	22-18	.84	.31	.25	.69
RAT713	1000	1/4"	.140	22-18	1.07	.46	.31	.84
RAT18-14	100	1/4"	.140	22-18	1.07	.46	.31	.84
Series RBT								
RBT853	1000	#6	.170	16-14	.84	.31	.25	.69
RBT14-6	100	#6	.170	16-14	.84	.31	.25	.69
RBT863	1000	#8	.170	16-14	.84	.31	.25	.69
RBT14-8	1000	#8	.170	16-14	.84	.31	.25	.69
RBT873	1000	#10	.170	16-14	.84	.31	.25	.69
RBT14-10	100	#10	.170	16-14	.84	.31	.25	.69
RBT713	1000	1/4"	.170	16-14	1.08	.46	.31	.81
RBT14-14	100	1/4"	.170	16-14	1.08	.46	.31	.81
Series RCT								
RCT333	500	#6	.210	12-10	1.00	.37	.27	.81
RCT10-6	100	#6	.210	12-10	1.00	.37	.27	.81
RCT863	500	#8	.210	12-10	1.00	.37	.27	.81
RCT10-8	100	#8	.210	12-10	1.00	.37	.27	.81
RCT363	500	#10	.210	12-10	1.00	.37	.27	.81
RCT10-10	100	#10	.210	12-10	1.00	.37	.27	.81
RCT713	500	1/4"	.210	12-10	1.11	.52	.32	.85
RCT10-14	100	1/4"	.210	12-10	1.11	.52	.32	.85
RCT703	500	5/16"	.210	12-10	1.23	.52	.31	.96
RCT10-516	100	5/16"	.210	12-10	1.23	.52	.31	.96
RCT733**	500	3/8"	.210	12-10	1.29	.58	.35	1.00
RCT10-12**	100	3/8"	.210	12-10	1.29	.58	.35	1.00

** Not available on tape.

U.L. Listed E9809

Installing tool: WT145C, WT112M





Stock Thickness:
RA & RB = .03
RC = .04

Note:
22-18 ga. = 1-2 Navy
16-14 ga. = 2-1/2 - 4 Navy
12-10 ga. = 6-9 Navy

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Nylon Insulated Rectangular Rings

Cat. No.	Pkg	Stud Size	Wire Range	Dimensions				Bu-Ships Tongue Shape
				A	B	C	M	
Series RA								
RA486	1000	#4	22-18	.796	.237	.237	.143	L86P-1
RA485	1000	#4	22-18	1.015	.237	.404	.195	L85P-1
RA483	1000	#5	22-18	.859	.277	.277	.143	L83P-1
RA484	1000	#6	22-18	1.015	.237	.404	.195	L84P-1
RA481	1000	#6	22-18	1.109	.302	.465	.227	L81P-1
RA482	1000	#8	22-18	1.109	.302	.465	.227	L82P-1
RA480**	1000	#8	22-18	1.359	.390	.621	.310	L80P-1
Series RB								
RB486	1000	#4	16-14	.796	.237	.237	.143	L86P-2
RB485	1000	#4	16-14	1.015	.237	.404	.195	L85P-2
RB483	1000	#5	16-14	.859	.277	.277	.143	L83P-2
RB484	1000	#6	16-14	1.015	.237	.404	.195	L84P-2
RB481	1000	#6	16-14	1.109	.302	.465	.227	L81P-2
RB482	1000	#8	16-14	1.109	.302	.465	.227	L82P-2
RB480**	1000	#8	16-14	1.359	.390	.621	.310	L80P-2
Series RC								
RC486	500	#4	12-10	.984	.237	.237	.143	L86P-3
RC485	500	#4	12-10	1.187	.237	.404	.195	L85P-3
RC483	500	#5	12-10	1.046	.277	.277	.143	L83P-3
RC484	500	#6	12-10	1.203	.237	.404	.195	L84P-3
RC481	500	#6	12-10	1.281	.302	.465	.227	L81P-3
RC482	500	#8	12-10	1.281	.302	.465	.227	L82P-3
RC480**	500	#8	12-10	1.531	.390	.621	.310	L80P-3

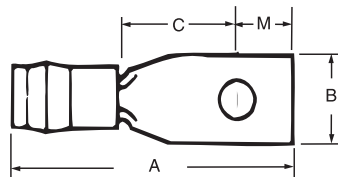
** Not available on tape.

Note: RA, RB, RC486 for use with BU-Ships terminal board types 26TB. RA, RB, RC485 for use with 25TB and 27TB. RA, RB, RC483 for use with 8TB. RA, RB, RC484 for use with 10TB and 11TB. RA, RB, RC481 for use with 6TB, 7TB and 9TB. RA, RB, RC482 for use with 15TB. RA, RB, RC480 for use with 3TB, 4TB, 5TB, 16TB, 17TB and 18TB.

Note: When ordering terminals on tape add the suffix **M**, example: (RA250M), to the catalogue number.

U.L. Listed E9809

Installing tools: ERG4001, WT145C





Stock Thickness:
A & B = .03
C = .04

Note:
22-18 ga. = 1-2 Navy
16-14 ga. = 2-1/2 - 4 Navy
12-10 ga. = 6-9 Navy

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Non-Insulated Rectangular Rings

Cat. No.	Pkg	Stud Size	Wire Range	Dimensions				Bu-Ships Tongue Shape
				A	B	C	M	
Series A								
A486	1000	#4	22-18	.65	.237	.237	.143	L86
A485	1000	#4	22-18	.87	.237	.404	.195	L85
A483	1000	#5	22-18	.70	.277	.277	.143	L83
A484	1000	#6	22-18	.87	.237	.404	.195	L84
A481	1000	#6	22-18	.96	.302	.465	.227	L81
A482	1000	#8	22-18	.96	.302	.465	.227	L82
A480**	1000	#8	22-18	1.21	.390	.621	.310	L80
Series B								
B486	1000	#4	16-14	.65	.237	.237	.143	L86
B485	1000	#4	16-14	.87	.237	.404	.195	L85
B483	1000	#5	16-14	.70	.277	.277	.143	L83
B484	1000	#6	16-14	.87	.237	.404	.195	L84
B481	1000	#6	16-14	.96	.302	.465	.227	L81
B482	1000	#8	16-14	.96	.302	.465	.227	L82
B480**	1000	#8	16-14	1.21	.390	.621	.310	L80
Series C								
C486	500	#4	12-10	.73	.237	.237	.143	L86
C485	500	#4	12-10	.90	.237	.404	.195	L85
C483	500	#5	12-10	.76	.277	.277	.143	L83
C484	500	#6	12-10	.94	.237	.404	.195	L84
C481	500	#6	12-10	1.03	.302	.465	.227	L81
C482	500	#8	12-10	1.03	.302	.465	.227	L82
C480**	500	#8	12-10	1.27	.390	.621	.310	L80

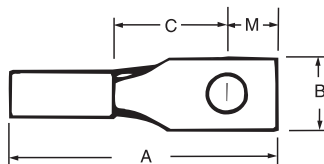
** Not available on tape.

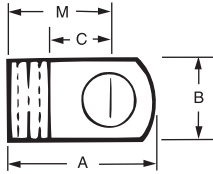
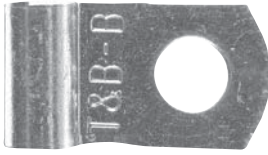
Note: A, B, C486 for use with Bu-Ships terminal board types 26TB, A, B, C485 for use with 25TB, 27TB, A, B, C483 for use with 8TB, A, B, C484 for use with 10TB and 11TB, A, B, C481 for use with 6TB, 7TB and 9TB, A, B, C482 for use with 15TB, A, B, C480 for use with 3TB, 5TB, 16TB, 17TB and 18TB.

Note: When ordering terminals on tape add the suffix **M**, example: (RA250M), to the catalogue number.

U.L. Listed E9809

Installing tool: ERG 2002





Flag terminals allow a 90° connection to the terminal block without bending the wire.

Stock Thickness:

- AB = .03
- C = .04
- D = .06
- E = .06
- F = .07
- G = .08

Non-Insulated Flag

Cat. No.	Pkg. Qty.	Wire Range	Bolt Hole	Wt./lb. Per 1000	Dimensions			
					A	B	C	M
AB14-6A	100	22-14	#6	2-1/2	.55	.31	.22	.39
AB51	1000	22-14	#6	2-1/2	.55	.31	.22	.39
AB14-8A	100	22-14	#8	2-1/2	.55	.31	.22	.39
AB52	1000	22-14	#8	2-1/2	.55	.31	.22	.39
AB14-10A	100	22-14	#10	2-1/2	.55	.31	.22	.39
AB53	1000	22-14	#10	2-1/2	.55	.31	.22	.39
C51	1000	12-10	#6	5	.66	.31	.25	.48
C10-8A	50	12-10	#8	5	.66	.31	.25	.48
C52	500	12-10	#8	5	.66	.31	.25	.48
C10-10A	50	12-10	#10	5	.66	.31	.25	.48
C53	500	12-10	#10	5	.66	.31	.25	.48
D236	1000	9,8,7	#10	—	.83	.50	.25	.59
D226	1000	9,8,7	#10	—	.88	.50	.29	.64
D271	1000	9,8,7	1/4"	—	.92	.50	.33	.68
E226	1000	6,5	#10	—	.93	.50	.29	.69
E271	1000	6,5	1/4"	—	.97	.50	.33	.73
E272	1000	6,5	5/16"	—	1.05	.50	.41	.81
F226	1000	4,3	#10	—	1.07	.56	.33	.80
F271	1000	4,3	1/4"	—	1.10	.63	.33	.80
F272	1000	4,3	5/16"	—	1.18	.63	.41	.88
F273	1000	4,3	3/8"	—	1.20	.63	.43	.90
G671	1000	2	1/4"	—	1.20	.63	.33	.89
G672	1000	2	5/16"	—	1.28	.63	.41	.97
G673	1000	2	3/8"	—	1.32	.63	.46	1.02

U.L. Listed E9809
Installing tools: ERG4004, WT129
Note: Not available on Mylar Tape.



Fork terminals with nylon insulation sleeves, recommended for temperatures up to 105°C. Inner bronze insulation grip sleeve lengthens flex radius of conductor and eliminates conductor creep. Nylon jacket is colour-coded.

Stock thickness same as ring terminal of same size.

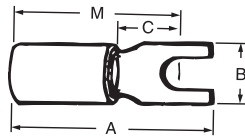
Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Nylon Insulated Fork – Insulation Grip

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
RA18-6F	100	22-16	.136	#6	3	.83	.25	.25	.71
RA1103	1000	22-16	.136	#6	3	.83	.25	.25	.71
RA18-8F	100	22-16	.136	#8	3	.86	.31	.25	.71
RA1123	1000	22-16	.136	#8	3	.86	.31	.25	.71
RA18-10F	100	22-16	.136	#10	3	.86	.31	.25	.71
RA1153	1000	22-16	.136	#10	3	.86	.31	.25	.71
RA18-14F	100	22-16	.136	1/4"	4	.95	.44	.31	.70
RA1163	1000	22-16	.136	1/4"	4	.95	.44	.31	.70
RB14-6F	100	18-14	.162	#6	3-1/2	.87	.31	.25	.71
RB1113	1000	18-14	.162	#6	3-1/2	.87	.31	.25	.71
RB14-8F	100	18-14	.162	#8	3-1/2	.87	.31	.25	.71
RB1123	1000	18-14	.162	#8	3-1/2	.87	.31	.25	.71
RB14-10F	100	18-14	.162	#10	4	.87	.38	.25	.71
RB1153	1000	18-14	.162	#10	4	.87	.38	.25	.71
RB14-14F	100	18-14	.162	1/4"	4	.95	.44	.28	.74
RB1163	1000	18-14	.162	1/4"	4	.95	.44	.28	.74
RB1103	1000	18-14	.162	#6	6	.74	.28	.16	.60
RB1124	1000	18-14	.190	#8	6	.95	.31	.25	.79
RB1154	1000	18-14	.190	#10	6	.95	.31	.25	.79
RC10-6F	50	12-10	.210	#6	6	.97	.31	.27	.81
RC1113	500	12-10	.210	#6	6	.97	.31	.27	.81
RC10-8F	50	12-10	.210	#8	6	1.00	.37	.27	.81
RC1123	500	12-10	.210	#8	6	1.00	.37	.27	.81
RC10-10F	50	12-10	.210	#10	6	1.00	.37	.27	.81
RC1153	500	12-10	.210	#10	6	1.00	.37	.27	.81
RC10-14F	50	12-10	.210	1/4"	6	1.12	.50	.27	.86
RC1163	500	12-10	.210	1/4"	6	1.12	.50	.27	.86
RC1124	500	12-10	.250	#8	6	1.10	.37	.27	.91
RC1154	500	12-10	.250	#10	6	1.10	.37	.27	.91

U.L. Listed E9809

Installing tools: WT145C, WT2000, WT112M, ERG4001, ERG2003, WT145A





Fork terminals allow easy installation because screw needs only to be loosened. Suffix S indicates a flanged-tongue fork with turned up tips for extra holding protection.

Stock thickness same as ring terminal of same size.

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies).

See pages 196-197.

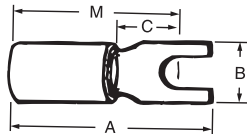
Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Nylon Insulated Fork Flanged Tongue – Insulation Grip

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
RA18-6FS	100	22-16	.136	#6	3	.75	.28	.16	.62
RA1203	1000	22-16	.136	#6	3	.75	.28	.16	.62
RA18-8FS	100	22-16	.136	#8	3	.89	.31	.23	.65
RA1223	1000	22-16	.136	#8	3	.89	.31	.23	.65
RA18-10FS	100	22-16	.136	#10	3	.93	.38	.26	.68
RA1253	1000	22-16	.136	#10	3	.93	.38	.26	.68
RB14-6FS	100	18-14	.162	#6	4	.74	.28	.16	.60
RB1203	1000	18-14	.162	#6	4	.74	.28	.16	.60
RB14-8FS	100	18-14	.162	#8	4	.89	.31	.23	.66
RB1223	1000	18-14	.162	#8	4	.89	.31	.23	.66
RB14-10FS	100	18-14	.162	#10	4	.94	.38	.27	.69
RB1253	1000	18-14	.162	#10	4	.94	.38	.27	.69
RB1204	1000	18-14	.190	#6	4	.79	.28	.16	.67
RB1224	1000	18-14	.190	#8	4	.94	.31	.23	.71
RC10-8FS	50	12-10	.210	#8	5	.97	.34	.23	.73
RC1223	500	12-10	.210	#8	5	.97	.34	.23	.73
RC10-10FS	50	12-10	.210	#10	5	1.00	.38	.26	.74
RC1253	500	12-10	.210	#10	5	1.00	.38	.26	.74
RC1224	1000	12-10	.250	#8	5	1.08	.34	.23	.80
RC1254	1000	12-10	.250	#10	5	1.12	.38	.26	.86

U.L. Listed E9809

Installing tools: WT145C, WT2000, WT112M, ERG4001, ERG2003, WT145A, WT2130A(RC)



Sta-Kon® Terminals



These fork terminals have extra-long PVC insulation sleeve for protection and stress relief at wire's flex point. Brazed seam barrel is serrated for high pull-out value. Terminal is high conductivity electrolytic copper, electro-tin plated. Insulation is colour-coded.

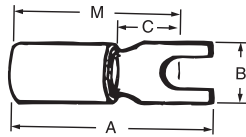
Stock thickness same as ring terminal of same size.

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Vinyl Insulated Fork – Insulation Support

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
18RA-6F	100	22-16	.150	#6	5	.94	.25	.27	.81
RA1167	1000	22-16	.150	#6	5	.94	.25	.27	.81
18RA-8F	100	22-16	.150	#8	5	.97	.31	.27	.81
RA1147	1000	22-16	.150	#8	5	.97	.31	.27	.81
18RA-10F	100	22-16	.150	#10	5	.97	.31	.27	.81
RA1157	1000	22-16	.150	#10	5	.97	.31	.27	.81
14RB-6F	100	18-14	.170	#6	6	.97	.31	.27	.81
RB647	1000	18-14	.170	#6	6	.97	.31	.27	.81
14RB-6FS	100	18-14	.170	#6	6	.89	.30	.25	.75
14RB-8F	100	18-14	.170	#8	6	.97	.31	.27	.81
RB657	1000	18-14	.170	#8	6	.97	.31	.27	.81
14RB-10F	100	18-14	.170	#10	6	.97	.31	.27	.81
RB1157	1000	18-14	.170	#10	6	.97	.31	.27	.81
14RB-14F	100	18-14	.170	1/4"	6	1.11	.44	.38	.89
RB1717	1000	18-14	.170	1/4"	6	1.11	.44	.38	.89
10RC-6F	50	12-10	.210	#6	7	1.09	.38	.27	.90
RC1337	500	12-10	.210	#6	7	1.09	.38	.27	.90
10RC-8F	50	12-10	.210	#8	7	1.09	.38	.27	.90
RC1147	500	12-10	.210	#8	7	1.09	.38	.27	.90
10RC-10F	50	12-10	.210	#10	7	1.09	.38	.27	.90
RC1157	500	12-10	.210	#10	7	1.09	.38	.27	.90
10RC-14F	50	12-10	.210	1/4"	7	1.15	.50	.37	.90
RC1167	500	12-10	.210	1/4"	7	1.15	.50	.37	.90

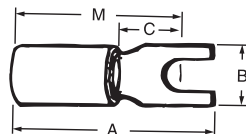
U.L. Listed E9809. Installing tools: WT145C, WT2000, WT112M, ERG4001, ERG2003, WT2130A(RC)



Vinyl Insulation Fork – Expanded Insulation Support

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
18RA-6FX	100	22-16	.170	#6	5	.94	.25	.27	.81
RA1167-170	1000	22-16	.170	#6	5	.94	.25	.27	.81
18RA-8FX	100	22-16	.170	#8	5	.97	.31	.27	.81
RA1147-170	1000	22-16	.170	#8	5	.97	.31	.27	.81
18RA-10FX	100	22-16	.170	#10	5	.97	.31	.27	.81
RA1157-170	1000	22-16	.170	#10	5	.97	.31	.27	.81
14RB-6FX	100	18-14	.200	#6	6	.97	.31	.27	.81
RB647-200	1000	18-14	.200	#6	6	.97	.31	.27	.81
14RB-8FX	100	18-14	.200	#8	6	.97	.31	.27	.81
RB657-200	1000	18-14	.200	#8	6	.97	.31	.27	.81
14RB-10FX	100	18-14	.200	#10	6	.97	.31	.27	.81
RB1157-200	1000	18-14	.200	#10	6	.97	.31	.27	.81
10RC-8FX	50	12-10	.250	#8	7	1.11	.38	.27	.90
RC1147-250	500	12-10	.250	#8	7	1.11	.38	.27	.90
10RC-10FX	50	12-10	.250	#10	7	1.11	.38	.27	.90
RC1157-250	500	12-10	.250	#10	7	1.11	.38	.27	.90
10RC-14FX	50	12-10	.250	1/4"	7	1.17	.50	.37	.90

U.L. Listed E9809. Installing tools: WT145C, WT2000, WT112M, ERG4001, ERG2003, WT2130A(RC)



Fork terminals allow easy installation since the mounting screw does not have to be completely removed. Catalogue numbers with the suffix X indicate an expanded insulation support. This means a wider wire entry to accommodate heavy wall insulation.

Stock thickness same as ring terminal of same size.

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Sta-Kon®

Terminals



These non-insulated fork terminals are made of electrolytic copper for high conductivity. They can be installed with crimping tools having a single indentor or double indentor (recommended for solid wire). Serrated barrel increase grip on wire. Wire range identification is stamped on the tongue of each terminal.

Stock thickness same as ring terminal of same size.

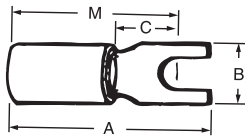
Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Non-Insulated Fork

Cat. No.	Pkg. Qty.	Wire Range	Bolt Hole	Wt./lb. Per 1000	Dimensions			
					A	B	C	M
A18-6F	100	22-16	#6	4	.72	.25	.27	.59
A116	1000	22-16	#6	4	.72	.25	.27	.59
A18-8F	100	22-16	#8	4	.75	.31	.27	.59
A114	1000	22-16	#8	4	.75	.31	.27	.59
A18-10F	100	22-16	#10	4	.75	.31	.27	.59
A115	1000	22-16	#10	4	.75	.31	.27	.59
B14-6F	100	18-14	#6	6	.75	.31	.27	.59
B64	1000	18-14	#6	6	.75	.31	.27	.59
B19	1000	18-14	#6	6	.66	.25	.13	.50
B14-8F	100	18-14	#8	6	.75	.31	.27	.59
B65	1000	18-14	#8	6	.75	.31	.27	.59
B14-10F	100	18-14	#10	6	.75	.31	.27	.59
B115	1000	18-14	#10	6	.75	.31	.27	.59
B14-14F	100	18-14	1/4"	6	.90	.44	.38	.68
C10-6F	50	12-10	#6	7	.77	.31	.27	.63
C133	500	12-10	#6	7	.77	.31	.27	.63
C10-8F	50	12-10	#8	7	.82	.38	.27	.63
C114	500	12-10	#8	7	.82	.38	.27	.63
C10-10F	50	12-10	#10	7	.82	.38	.27	.63
C115	500	12-10	#10	7	.82	.38	.27	.63
C10-14F	50	12-10	1/4"	7	.98	.50	.37	.73
C116	500	12-10	1/4"	7	.98	.50	.37	.73

U.L. Listed E9809

Installing tools: WT111M, WT112M, WT110M, WT2000, ERG4002, ERG4005



Sta-Kon®

Terminals

Locking fork terminals have a specially designed tongue that lets them go on like a fork and stay on like a ring.



Stock thickness same as ring terminal of same size.

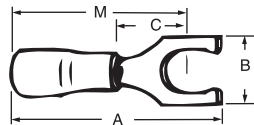
Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Nylon Insulated Locking Fork – Insulation Grip

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
RA18-6FL	100	22-16	.136	#6	5	.86	.25	.25	.71
RA2213	1000	22-16	.136	#6	5	.86	.25	.25	.71
RA18-8FL	100	22-16	.136	#8	5	.86	.29	.25	.71
RA2243	1000	22-16	.136	#8	5	.86	.29	.25	.71
RA18-10FL	100	22-16	.136	#10	5	.86	.29	.25	.71
RA2253	1000	22-16	.136	#10	5	.86	.29	.25	.71
RB14-6FL	100	18-14	.162	#6	6	.87	.25	.25	.71
RB2213	1000	18-14	.162	#6	6	.87	.25	.25	.71
RB2214	1000	18-14	.190	#6	6	.95	.25	.25	.79
RB14-8FL	100	18-14	.162	#8	6	.87	.29	.25	.71
RB2233	1000	18-14	.162	#8	6	.87	.29	.25	.71
RB14-10FL	100	18-14	.162	#10	6	.87	.29	.25	.71
RB2253	1000	18-14	.162	#10	6	.87	.29	.25	.71
RB2254	1000	18-14	.190	#10	6	.95	.29	.25	.71
RC10-6FL	50	12-10	.210	#6	8	.97	.31	.27	.81
RC2203	500	12-10	.210	#6	8	.97	.31	.27	.81
RC2204	1000	12-10	.250	#6	8	1.07	.31	.27	.91
RC10-8FL	50	12-10	.210	#8	8	1.00	.37	.27	.81
RC2213	500	12-10	.210	#8	8	1.00	.37	.27	.81
RC10-10FL	50	12-10	.210	#10	8	1.00	.37	.27	.81
RC2223	500	12-10	.210	#10	8	1.00	.37	.27	.81
RC2224	1000	12-10	.250	#10		1.10	.37	.27	.91
RC10-14FL	50	12-10	.210	1/4"	8	1.12	.50	.32	.86
RC2233	500	12-10	.210	1/4"	8	1.12	.50	.32	.86

U.L. Listed E9809

Installing tools: ERG4001, ERG2003, WT145C, WT2000, WT112M, WT145A, WT2130A(RC)





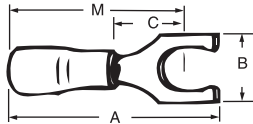
Stock thickness same as ring terminal of same size.

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Vinyl Insulated Locking Fork – Insulation Support

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
18RA-6FL	100	22-16	.150	#6	5	.97	.25	.25	.81
RA2217	1000	22-16	.150	#6	5	.97	.25	.25	.81
RA2227	1000	22-16	.155	#6	5	.97	.29	–	.81
18RA-8FL	100	22-16	.150	#8	5	.97	.29	.25	.81
RA2247	1000	22-16	.150	#8	5	.97	.29	.25	.81
18RA-10FL	100	22-16	.150	#10	5	.97	.29	.25	.81
RA2257	1000	22-16	.150	#10	5	.97	.29	.25	.81
14RB-6FL	100	18-14	.170	#6	6	.97	.25	.27	.81
RB2207	1000	18-14	.170	#6	6	.97	.25	.27	.81
RB2217	1000	18-14	.170	#6	6	.97	.29	.27	.81
14RB-8FL	100	18-14	.170	#8	6	.97	.29	.27	.81
RB2237	1000	18-14	.170	#8	6	.97	.29	.27	.81
14RB-10FL	100	18-14	.170	#10	6	.97	.29	.27	.81
RB2257	1000	18-14	.170	#10	6	.97	.29	.27	.81
10RC-6FL	50	12-10	.220	#6	8	1.09	.31	.27	.90
RC2207	500	12-10	.220	#6	8	1.09	.31	.27	.90
10RC-8FL	50	12-10	.220	#8	8	1.09	.37	.27	.90
RC2217	500	12-10	.220	#8	8	1.09	.37	.27	.90
10RC-10FL	50	12-10	.220	#10	8	1.09	.37	.27	.90
RC2227	500	12-10	.220	#10	8	1.09	.37	.27	.90
10RC-14FL	50	12-10	.220	1/4"	8	1.09	.49	.27	.90
RC2237	500	12-10	.220	1/4"	8	1.09	.49	.27	.90

U.L. Listed E9809. Installing tools: ERG4001, ERG2003, WT145C, WT2000, WT112M



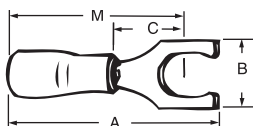
Stock thickness same as ring terminal of same size.

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Vinyl Insulated Locking Fork – Expanded Insulation Support

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
18RA-6FLX	100	22-16	.170	#6	5	.97	.25	.25	.81
18RA-8FLX	100	22-16	.170	#8	5	.97	.29	.25	.81
18RA-10FLX	100	22-16	.170	#10	5	.97	.29	.25	.81
RA2257-170	1000	22-16	.170	#10	5	.97	.29	.25	.81
14RB-6FLX	100	18-14	.200	#6	6	.97	.31	.27	.81
RB2207-200	1000	18-14	.200	#6	6	.97	.31	.27	.81
RB2217-200	1000	18-14	.200	#6	6	.97	.29	.27	.81
14RB-8FLX	100	18-14	.200	#8	6	.97	.31	.27	.81
RB2237-200	1000	18-14	.200	#8	6	.97	.31	.27	.81
14RB-10FLX	100	18-14	.200	#10	6	.97	.31	.27	.81
RB2257-200	1000	18-14	.200	#10	6	.97	.31	.27	.81
10RC-6FLX	50	12-10	.250	#6	8	1.07	.31	.27	.91
RC2207-250	500	12-10	.250	#6	8	1.07	.31	.27	.91
10RC-8FLX	50	12-10	.250	#8	8	1.10	.37	.27	.91
10RC-10FLX	50	12-10	.250	#10	8	1.10	.37	.27	.91
RC2227-250	500	12-10	.250	#10	8	1.10	.37	.27	.91
10RC-14FLX	50	12-10	.250	1/4"	8	1.22	.50	.32	.96

U.L. Listed E9809. Installing tools: ERG4001, ERG2003, WT145C, WT2000, WT112M





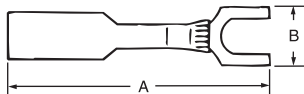
Heat Shrinkable Locking Fork Terminals – Expanded Insulation Support

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions	
						A	B
RAS18-6FLX	100	22-18	.170	#6	5	1.350	.25
RAS18-8FLX	100	22-18	.170	#8	5	1.350	.29
RAS18-10FLX	100	22-18	.170	#10	5	1.350	.29
RBS14-6FLX	100	16-14	.200	#6	6	1.350	.25
RBS14-8FLX	100	16-14	.200	#8	6	1.350	.29
RBS14-10FLX	100	16-14	.200	#10	6	1.350	.29
RCS10-6FLX	50	12-10	.250	#6	8	1.350	.31
RCS10-8FLX	50	12-10	.250	#8	8	1.350	.37
RCS10-10FLX	50	12-10	.250	#10	8	1.350	.37
RCS10-14FLX	50	12-10	.250	1/4"	8	1.350	.49

U.L. Listed E9809

Installing tool: WT1255

Note: Heat Shrinkable terminals not available on Mylar Tape.

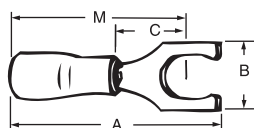


Non-Insulated Locking Fork

Cat. No.	Pkg. Qty.	Wire Range	Bolt Hole	Wt./lb. Per 1000	Dimensions			
					A	B	C	M
A18-6FL	100	22-16	#6	4-3/4	.75	.25	.27	.59
A221	1000	22-16	#6	4-3/4	.75	.25	.27	.59
A18-8FL	100	22-16	#8	4-3/4	.75	.29	.27	.59
A224	1000	22-16	#8	4-3/4	.75	.29	.27	.59
A18-10FL	100	22-16	#10	4-3/4	.75	.29	.27	.59
A225	1000	22-16	#10	4-3/4	.75	.29	.27	.59
B14-6FL	100	18-14	#6	4-3/4	.75	.25	.27	.59
B220	1000	18-14	#6	4-3/4	.75	.25	.27	.59
B14-8FL	100	18-14	#8	4-3/4	.75	.29	.27	.59
B223	1000	18-14	#8	4-3/4	.75	.29	.27	.59
B14-10FL	100	18-14	#10	4-3/4	.75	.29	.27	.59
B225	1000	18-14	#10	4-3/4	.75	.29	.27	.59
C10-6FL	50	12-10	#6	4-3/4	.85	.31	.27	.66
C220-TB	500	12-10	#6	4-3/4	.85	.31	.27	.66
C10-8FL	50	12-10	#8	4-3/4	.85	.37	.27	.66
C221	500	12-10	#8	4-3/4	.85	.37	.27	.66
C10-10FL	50	12-10	#10	4-3/4	.85	.37	.27	.66
C222-TB	500	12-10	#10	4-3/4	.85	.37	.27	.66
C10-14FL	50	12-10	1/4"	4-3/4	.85	.49	.27	.66

U.L. Listed E9809

Installing tools: WT110M, WT111M, WT112M, WT2000, ERG4002, ERG4005

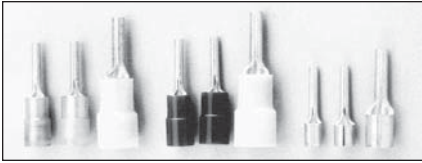


Stock thickness same as ring terminal of same size.

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

Sta-Kon®

Terminals



- Provides an easy and effective way to terminate stranded wire into European/metric-style terminal blocks.
- Designed to prevent shorting, wire strand loss and/or wire pullout resulting from improper termination of stranded wire.
- Designed to meet emerging global standards which require wire-to-metric style terminal block installations be terminated with a "pin" style terminal.
- Available in vinyl insulated, nylon insulated, and non-insulated styles.
- All styles offered in 22 AWG to 10 AWG and compatible with existing Sta-Kon® tooling.

Voltage Rating

Vinyl – 300V
Nylon – 300V

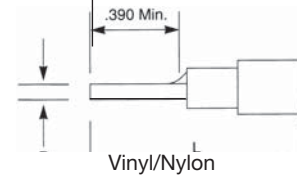
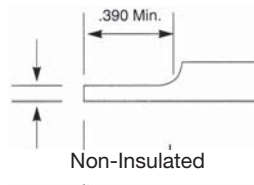
Pin Terminals

Nylon Insulated Terminals

Cat. No.	Pkg. Qty.	Wire Range	D (Dia.)	L	Recommended Tools
Non-Insulated					
A47PT	1000	22-18	.075	.63	WT111M
B47PT	1000	16-14	.075	.63	ERG4002
C55PT	500	12-10	.110	.76	ERG4002
Vinyl					
18RA-47PT	100	22-18	.075	.85	ERG2003
RA47PT	1000	22-18	.075	.85	ERG4001
14RB-47PT	100	16-14	.075	.87	
RB47PT	1000	16-14	.075	.87	ERG4001
10RC-55PT	50	12-10	.110	1.06	
RC55PT	500	12-10	.106	1.06	ERG4001
Nylon					
RA18-47PT	100	22-18	.075	.85	ERG2003
RA147PT	1000	22-18	.075	.85	WT2000
RB14-47PT	100	16-14	.075	.87	
RB147PT	1000	16-14	.075	.87	ERG4001
RC10-55PT	50	12-10	.110	1.06	
RC155PT	500	12-10	.106	1.06	ERG4001

Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197.

Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)



Sta-Kon® Insulated Ferrules



Features

- Ferrules ensure reliable electrical connections when terminating conductors in screw clamp terminal blocks.
- Fraying and breaking of wire strands is prevented and the possibility of an unreliable connection is minimized.
- Insulated ferrules prevent conductor breakage due to bending, wire stress or vibration, while facilitating wire insertions into the terminal block clamp.
- Ferrules are the preferred alternative to twisting wire stands or tinning the wire end before terminating into a terminal block.
- Ferrules are thin-walled copper tubes, which are mechanically crimped onto the ends of stranded wires.
- They are easy to use – simply strip the wire, slide the ferrule onto the end of the wire and crimp.

How to Apply a Ferrule

- Strip the insulation from the end of the wire and insert into the insulated end of the ferrule.
- Using the designated crimping tool, place the metal shaft into the tool's appropriate slot. Compress the tool to make a crescent-shape depression along the length of the ferrule.
- Insert the crimped ferrule into the terminal block.
- Tighten the ferrule and wire into the terminal block.

Materials

- High conductivity copper
- Tin plating

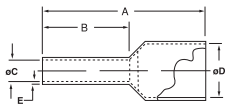
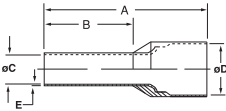


Insulated Ferrules

Cat. No.	Conductor Section		Colour	Dimensions Inches/MM					Installation Tooling	Bag Pkg. Qty.	Case Pkg. Qty.
	AWG	MM ²		A	B	øC	øD	E			
F2020	20	0.50	WHITE	.453 / 11.5	.236 / 6.0	.043 / 1.1	.098 / 2.5	.006 / 0.15	T1, T3 & ERG4	500	5000
F2021	20	0.50	WHITE	.531 / 13.5	.315 / 8.0	.043 / 1.1	.098 / 2.5	.006 / 0.15	T1, T3 & ERG4	500	10000
F2022	20	0.50	WHITE	.610 / 15.5	.394 / 10.0	.043 / 1.1	.098 / 2.5	.006 / 0.15	T1, T3 & ERG4	500	5000
F2023	18	0.75	GREY	.472 / 12.0	.236 / 6.0	.051 / 1.3	.110 / 2.8	.006 / 0.15	T1, T3 & ERG4	500	5000
F2024	18	0.75	GREY	.551 / 14.0	.315 / 8.0	.051 / 1.3	.110 / 2.8	.006 / 0.15	T1, T3 & ERG4	500	10000
F2025	18	0.75	GREY	.630 / 16.0	.394 / 10.0	.051 / 1.3	.110 / 2.8	.006 / 0.15	T1, T3 & ERG4	500	5000
F2026	18	0.75	GREY	.709 / 18.0	.472 / 12.0	.051 / 1.3	.110 / 2.8	.006 / 0.15	T1, T3 & ERG4	500	5000
F2027	18-17	1.00	RED	.492 / 12.5	.236 / 6.0	.059 / 1.5	.118 / 3.0	.006 / 0.15	T1, T3 & ERG4	500	5000
F2028	18-17	1.00	RED	.571 / 14.5	.315 / 8.0	.059 / 1.5	.118 / 3.0	.006 / 0.15	T1, T3 & ERG4	500	10000
F2029	18-17	1.00	RED	.650 / 16.5	.394 / 10.0	.059 / 1.5	.118 / 3.0	.006 / 0.15	T1, T3 & ERG4	500	5000
F2030	18-17	1.00	RED	.728 / 18.5	.472 / 12.0	.059 / 1.5	.118 / 3.0	.006 / 0.15	T1, T3 & ERG4	500	5000
F2031	16	1.50	BLACK	.571 / 14.5	.315 / 8.0	.071 / 1.8	.134 / 3.4	.006 / 0.15	T1, T3 & ERG4	500	10000
F2032	16	1.50	BLACK	.650 / 16.5	.394 / 10.0	.071 / 1.8	.134 / 3.4	.006 / 0.15	T1, T3 & ERG4	500	5000
F2033	16	1.50	BLACK	.728 / 18.5	.472 / 12.0	.071 / 1.8	.134 / 3.4	.006 / 0.15	T1, T3 & ERG4	500	5000
F2034	16	1.50	BLACK	.965 / 24.5	.708 / 18.0	.071 / 1.8	.134 / 3.4	.006 / 0.15	T1, T3 & ERG4	500	5000
F2035	14	2.50	BLUE	.591 / 15.0	.315 / 8.0	.091 / 2.3	.165 / 4.2	.006 / 0.15	T1, T3 & ERG4	500	10000
F2036	14	2.50	BLUE	.748 / 19.0	.472 / 12.0	.091 / 2.3	.165 / 4.2	.006 / 0.15	T1, T3 & ERG4	500	5000
F2037	14	2.50	BLUE	.984 / 25.0	.708 / 18.0	.091 / 2.3	.165 / 4.2	.006 / 0.15	T1, T3 & ERG4	500	5000
F2038	12	4.00	GREY	.889 / 17.5	.394 / 10.0	.114 / 2.9	.189 / 4.8	.008 / 0.20	T3 & ERG4	500	5000
F2039	12	4.00	GREY	.787 / 20.0	.472 / 12.0	.114 / 2.9	.189 / 4.8	.008 / 0.20	T3 & ERG4	500	5000
F2040	12	4.00	GREY	1.024 / 26.0	.708 / 18.0	.114 / 2.9	.189 / 4.8	.008 / 0.20	T3 & ERG4	100	1000
F2041	10	6.00	YELLOW	.787 / 20.0	.472 / 12.0	.142 / 3.6	.244 / 6.2	.008 / 0.20	T3 & ERG4	100	1000
F2042	10	6.00	YELLOW	.984 / 25.0	.708 / 18.0	.142 / 3.6	.244 / 6.2	.008 / 0.20	T3 & ERG4	100	1000
F2043	8	10.00	RED	.827 / 21.0	.472 / 12.0	.181 / 4.6	.295 / 7.5	.008 / 0.20	T3 & ERG4	100	1000
F2044	8	10.00	RED	1.063 / 27.0	.708 / 18.0	.181 / 4.6	.295 / 7.5	.008 / 0.20	T3 & ERG4	100	1000
F2045	6	16.00	BLUE	.906 / 23.0	.472 / 12.0	.236 / 6.0	.346 / 8.8	.008 / 0.20	ERG4	100	1000
F2046	6	16.00	BLUE	1.142 / 29.0	.708 / 18.0	.236 / 6.0	.346 / 8.8	.008 / 0.20	ERG4	50	1000
F2047	4	25.00	YELLOW	1.142 / 29.0	.630 / 16.0	.295 / 7.5	.433 / 11.0	.008 / 0.20	ERG4	50	500
F2048	4	25.00	YELLOW	1.220 / 31.0	.708 / 18.0	.295 / 7.5	.433 / 11.0	.008 / 0.20	ERG4	50	500
F2049	4	25.00	YELLOW	1.378 / 35.0	.866 / 22.0	.295 / 7.5	.433 / 11.0	.008 / 0.20	ERG4	50	500
F2050	2	35.00	RED	1.181 / 30.0	.630 / 16.0	.335 / 8.5	.492 / 12.5	.008 / 0.20	ERG4	50	500
F2051	2	35.00	RED	1.260 / 32.0	.708 / 18.0	.335 / 8.5	.492 / 12.5	.008 / 0.20	ERG4	50	500
F2052	2	35.00	RED	1.535 / 39.0	.984 / 25.0	.335 / 8.5	.492 / 12.5	.008 / 0.20	ERG4	50	500
F2053	1/0	50.00	BLUE	1.417 / 36.0	.787 / 20.0	.413 / 10.5	.591 / 15.0	.014 / 0.35	ERG4	50	500
F2054	1/0	50.00	BLUE	1.614 / 41.0	.984 / 25.0	.413 / 10.5	.591 / 15.0	.014 / 0.35	ERG4	50	500
F4004	26	0.14	GREY	.413/10.5	.236/6.0	.031/.80	.079/2.0	.010/.25	T3, ERG4	500	10,000
F4005	26	0.14	GREY	.492/12.5	.315/8.0	.031/.80	.079/2.0	.010/.25	T3, ERG4	500	10,000
F4006	24	0.25	YELLOW	.413/10.5	.236/6.0	.031/.80	.079/2.0	.010/.25	T3, ERG4	500	10,000
F4007	24	0.25	YELLOW	.492/12.5	.315/8.0	.031/.80	.079/2.0	.010/.25	T3, ERG4	500	10,000
F4008	22	0.34	PURPLE	.413/10.5	.236/6.0	.031/.80	.079/2.0	.010/.25	T3, ERG4	500	10,000
F4009	22	0.34	PURPLE	.492/12.5	.315/8.0	.031/.80	.079/2.0	.010/.25	T3, ERG4	500	10,000

Ferrule Dimensions conform to DIN 46228. Part 4.

Sta-Kon® Insulated Ferrules



Insulated Twin Ferrules

Cat. No.	Conductor Section		Colour	Dimensions Inches/MM					Installation Tooling	Bag Pkg. Qty.	Case Pkg. Qty.
	AWG	MM ²		A	B	øC	øD	E			
F8000	2x 20	2x 0.50	WHITE	.591 / 15.0	.315 / 8.0	.059 / 1.5	.177 / 4.5	.010 / 0.25	T3	500	5000
F8001	2x 18	2x 0.75	GREY	.591 / 15.0	.315 / 8.0	.071 / 1.8	.201 / 5.1	.010 / 0.25	T3	500	5000
F8002	2x 18	2x 0.75	GREY	.669 / 17.0	.394 / 10.0	.071 / 1.8	.201 / 5.1	.006 / 0.15	T3	500	5000
F8003	2x 17	2x 1.00	RED	.591 / 15.0	.315 / 8.0	.081 / 2.05	.201 / 5.1	.006 / 0.15	T3	500	5000
F8005	2x 17	2x 1.00	RED	.669 / 17.0	.394 / 10.0	.081 / 2.05	.201 / 5.1	.006 / 0.15	T3	500	5000
F8006	2x 16	2x 1.50	BLACK	.630 / 16.0	.315 / 8.0	.091 / 2.3	.252 / 6.4	.006 / 0.15	T3	500	5000
F8007	2x 16	2x 1.50	BLACK	.787 / 20.0	.472 / 12.0	.091 / 2.3	.252 / 6.4	.006 / 0.15	T3	500	5000
F8008	2x 14	2x 2.50	BLUE	.728 / 18.5	.394 / 10.0	.114 / 2.9	.295 / 7.5	.006 / 0.15	T3	500	5000
F8009	2x 14	2x 2.50	BLUE	.846 / 21.5	.512 / 13.0	.114 / 2.9	.295 / 7.5	.006 / 0.15	T3	500	5000
F8010	2x 12	2x 4.00	GREY	.906 / 23.0	.472 / 12.0	.150 / 3.8	.339 / 8.6	.006 / 0.15	ERG4 / 6MM DIE	100	1000
F8011	2x 10	2x 6.00	YELLOW	.984 / 25.0	.551 / 14.0	.193 / 4.9	.378 / 9.6	.008 / 0.20	ERG4 / 10MM DIE	100	1000

Ferrule Dimensions conform to DIN 46228, Part 4.

Insulated Ferrules (Old DIN and French Standards)

Cat. No.	Style	Conductor Section		Colour	Dimensions Inches/MM					Installation Tooling	Bag Pkg. Qty.	Case Pkg. Qty.
		AWG	MM ²		A	B	øC	øD	E			
F4000	OLD DIN	20	0.50	ORANGE	.571 / 14.5	.315 / 8.0	.043 / 1.1	.102 / 2.6	.006 / 0.15	T1, T3 & ERG4	500	10000
F4001	OLD DIN	18	0.75	WHITE	.571 / 14.5	.315 / 8.0	.051 / 1.3	.110 / 2.8	.006 / 0.15	T1, T3 & ERG4	500	10000
F4002	OLD DIN	18-17	1.00	YELLOW	.571 / 14.5	.315 / 8.0	.059 / 1.5	.118 / 3.0	.006 / 0.15	T1, T3 & ERG4	500	10000
F4003	OLD DIN	16	1.50	RED	.571 / 14.5	.315 / 8.0	.071 / 1.8	.134 / 3.4	.006 / 0.15	T1, T3 & ERG4	500	10000
F4004		26	0.14	GREY	.413/10.5	.236/6.0	.031/0.80	.079/2.0	.010/0.25	T3, ERG4	500	10,000
F4005		26	0.14	GREY	.492/12.5	.315/8.0	.031/0.80	.079/2.0	.010/0.25	T3, ERG4	500	10,000
F4006		24	0.25	YELLOW	.413/10.5	.236/6.0	.031/0.80	.079/2.0	.010/0.25	T3, ERG4	500	10,000
F4007		24	0.25	YELLOW	.492/12.5	.315/8.0	.031/0.80	.079/2.0	.010/0.25	T3, ERG4	500	10,000
F4008		22	0.34	PURPLE	.413/10.5	.236/6.0	.031/0.80	.079/2.0	.010/0.25	T3, ERG4	500	10,000
F4009		22	0.34	PURPLE	.492/12.5	.315/8.0	.031/0.80	.079/2.0	.010/0.25	T3, ERG4	500	10,000
F4020	OLD DIN	14	2.50	BLUE	.571 / 14.5	.315 / 8.0	.091 / 2.3	.165 / 4.2	.006 / 0.15	T1, T3 & ERG4	500	10000
F4021	FRENCH	20	0.50	WHITE	.571 / 14.5	.315 / 8.0	.043 / 1.1	.102 / 2.6	.006 / 0.15	T1, T3 & ERG4	500	10000
F4023	FRENCH	18	0.75	Lt BLUE	.571 / 14.5	.315 / 8.0	.051 / 1.3	.110 / 2.8	.006 / 0.15	T1, T3 & ERG4	500	10000
F4024	FRENCH	18-17	1.00	RED	.571 / 14.5	.315 / 8.0	.059 / 1.5	.118 / 3.0	.006 / 0.15	T1, T3 & ERG4	500	10000
F4027	FRENCH	16	1.50	BLACK	.571 / 14.5	.315 / 8.0	.071 / 1.8	.134 / 3.4	.006 / 0.15	T1, T3 & ERG4	500	10000
F4028	FRENCH	14	2.50	GREY	.571 / 14.5	.315 / 8.0	.091 / 2.3	.165 / 4.2	.006 / 0.15	T1, T3 & ERG4	500	10000

Ferrule Dimensions conform to DIN 46228, Part 4.

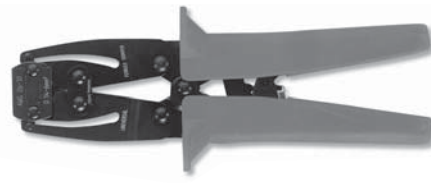
Tooling for Sta-Kon® Insulated Ferrules

Cat. No.	Description	Std. Pkg.
T1	Sta-Kon® Crimp tool for wire ferrules #20-14 AWG – insulated handle	1
T3	Sta-Kon® Crimp tool for wire ferrules #26-10 AWG – insulated handle	1
ERG4	Comfort Crimp® Sta-Kon® Crimp Tool with Shure-Stake® mechanism, for installing wire ferrules #26-1 AWG. 4 interchangeable die sets included. Insulated handle. Packaged in sturdy plastic carrying case.	1

ERG3000 Dies available.



T1



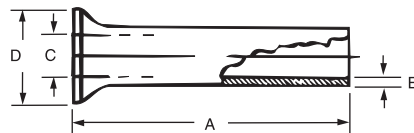
T3



ERG4

Non-Insulated Ferrule Terminals

Cat. No.	Conductor Section		Dimensions (Inches / MM)				Installation Tooling	Pkg. Qty.
	AWG	MM ²	C	D	A	E		
F9000	24	.25	.030 / 0.75	.067 / 1.7	.196 / 5	.006 / 0.15	T1, ERG4	1000
F9001	22	.50	.039 / 1.0	.083 / 2.1	.236 / 6	.006 / 0.15	T1, T3, ERG4	1000
F9002	22	.50	.039 / 1.0	.083 / 2.1	.394 / 10	.006 / 0.15	T1, T3, ERG4	100
F9003	18	.75	.047 / 1.2	.091 / 2.3	.236 / 6	.006 / 0.15	T1, T3, ERG4	1000
F9004	18	.75	.047 / 1.2	.091 / 2.3	.394 / 10	.006 / 0.15	T1, T3, ERG4	1000
F9005	18	1.0	.055 / 1.4	.098 / 2.5	.236 / 6	.006 / 0.15	T1, T3, ERG4	1000
F9006	18	1.0	.055 / 1.4	.098 / 2.5	.394 / 10	.006 / 0.15	T1, T3, ERG4	1000
F9007	16	1.5	.067 / 1.7	.110 / 2.8	.276 / 7	.006 / 0.15	T1, T3, ERG4	1000
F9008	16	1.5	.067 / 1.7	.110 / 2.8	.394 / 10	.006 / 0.15	T1, T3, ERG4	1000
F9009	16	1.5	.067 / 1.7	.110 / 2.8	.473 / 12	.006 / 0.15	T1, T3, ERG4	1000
F9010	16	1.5	.067 / 1.7	.110 / 2.8	.709 / 18	.006 / 0.15	T1, T3, ERG4	1000
F9011	14	2.5	.087 / 2.2	.139 / 3.4	.276 / 7	.006 / 0.15	T1, T3, ERG4	1000
F9012	14	2.5	.087 / 2.2	.139 / 3.4	.394 / 10	.006 / 0.15	T1, T3, ERG4	1000
F9013	14	2.5	.087 / 2.2	.139 / 3.4	.472 / 12	.006 / 0.15	T1, T3, ERG4	1000
F9014	14	2.5	.087 / 2.2	.139 / 3.4	.709 / 18	.006 / 0.15	T1, T3, ERG4	1000
F9015	12	4.0	.110 / 2.8	.158 / 4	.354 / 9	.008 / 0.2	T3, ERG4	1000
F9016	12	4.0	.110 / 2.8	.158 / 4	.472 / 12	.008 / 0.2	T3, ERG4	1000
F9017	12	4.0	.110 / 2.8	.158 / 4	.591 / 15	.008 / 0.2	T3, ERG4	1000
F9018	12	4.0	.110 / 2.8	.158 / 4	.709 / 18	.008 / 0.2	T3, ERG4	1000
F9019	10	6.0	.138 / 3.5	.185 / 4.7	.472 / 12	.008 / 0.2	T3, ERG4	250
F9020	10	6.0	.138 / 3.5	.185 / 4.7	.591 / 15	.008 / 0.2	T3, ERG4	250
F9021	10	6.0	.138 / 3.5	.185 / 4.7	.709 / 18	.008 / 0.2	T3, ERG4	250
F9022	8	10.0	.177 / 4.5	.228 / 5.8	.472 / 12	.008 / 0.2	T3, ERG4	250
F9023	8	10.0	.177 / 4.5	.228 / 5.8	.591 / 15	.008 / 0.2	T3, ERG4	250
F9024	8	10.0	.177 / 4.5	.228 / 5.8	.709 / 18	.008 / 0.2	T3, ERG4	250
F9025	6	16.0	.228 / 5.8	.295 / 7.5	.472 / 12	.008 / 0.2	T3, ERG4	250
F9026	6	16.0	.228 / 5.8	.295 / 7.5	.591 / 15	.008 / 0.2	T3, ERG4	250
F9027	6	16.0	.228 / 5.8	.295 / 7.5	.709 / 18	.008 / 0.2	T3, ERG4	250
F9028	6	16.0	.228 / 5.8	.295 / 7.5	.984 / 25	.008 / 0.2	T3, ERG4	250
F9029	6	16.0	.228 / 5.8	.295 / 7.5	1.26 / 32	.008 / 0.2	T3, ERG4	250
F9030	4	25.0	.287 / 7.3	.374 / 9.5	.591 / 15	.010 / .25	ERG4	1000
F9031	4	25.0	.287 / 7.3	.374 / 9.5	.709 / 18	.010 / .25	ERG4	1000
F9032	4	25.0	.287 / 7.3	.374 / 9.5	.984 / 25	.010 / .25	ERG4	1000
F9033	4	25.0	.287 / 7.3	.374 / 9.5	1.26 / 32	.010 / .25	ERG4	1000
F9034	2	35.0	.327 / 8.3	.433 / 11	.709 / 18	.010 / .25	ERG4	100
F9035	2	35.0	.327 / 8.3	.433 / 11	.984 / 25	.010 / .25	ERG4	100
F9036	2	35.0	.327 / 8.3	.433 / 11	1.26 / 32	.010 / .25	ERG4	100
F9037	1/0	50.0	.406 / 10.3	.512 / 13	.709 / 18	.012 / 0.3	ERG4	100
F9038	1/0	50.0	.406 / 10.3	.512 / 13	.984 / 25	.012 / 0.3	ERG4	100
F9039	1/0	50.0	.406 / 10.3	.512 / 13	1.18 / 30	.012 / 0.3	ERG4	100



Heat Shrinkable

These ring terminals, butt splices and disconnects are self-insulated with heat shrinkable polyolefin and internally coated sealant. Upon completed installation, a

fully sealed connection is achieved to protect the joint against the degrading effects of galvanic action, corrosion, and environmental exposure.



These ring terminals are self-insulated with heat shrinkable polyolefin and internally coated sealant. Upon completed installation, a fully sealed connection is achieved to protect the joint against the degrading effects of galvanic action, corrosion, and environmental exposure.

RAS & RBS stock thickness: .03
RCS stock thickness: .04

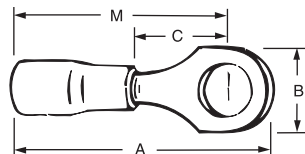
Heat Shrinkable Ring Terminals – Expanded Insulation Support

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions			
						A	B	C	M
RAS18-6X	100	22-18	.170	#6	2	1.23	.25	.27	1.10
RAS18-8X	100	22-18	.170	#8	3	1.26	.31	.27	1.10
RAS18-10X	100	22-18	.170	#10	2	1.26	.31	.27	1.10
RBS14-6X	100	16-14	.200	#6	3	1.23	.25	.27	1.10
RBS14-8X	100	16-14	.200	#8	3	1.23	.25	.27	1.10
RBS14-10X	100	16-14	.200	#10	3-1/2	1.26	.31	.27	1.10
RCS10-6X	50	12-10	.250	#6	3	1.34	.31	.27	1.15
RCS10-8X	50	12-10	.250	#8	5	1.34	.37	.27	1.15
RCS10-10X	50	12-10	.250	#10	5	1.34	.37	.27	1.15
RCS10-14X	50	12-10	.250	1/4"	6	1.34	.49	.32	1.15

U.L. Listed E9809

Installing tool: WT1255

Note: Not available on Mylar Tape.



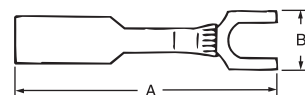
Heat Shrinkable Locking Fork Terminals – Expanded Insulation Support

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Bolt Hole	Wt./lb. Per 1000	Dimensions	
						A	B
RAS18-6FLX	100	22-18	.170	#6	5	1.350	.25
RAS18-8FLX	100	22-18	.170	#8	5	1.350	.29
RAS18-10FLX	100	22-18	.170	#10	5	1.350	.29
RBS14-6FLX	100	16-14	.200	#6	6	1.350	.25
RBS14-8FLX	100	16-14	.200	#8	6	1.350	.29
RBS14-10FLX	100	16-14	.200	#10	6	1.350	.29
RCS10-6FLX	50	12-10	.250	#6	8	1.350	.31
RCS10-8FLX	50	12-10	.250	#8	8	1.350	.37
RCS10-10FLX	50	12-10	.250	#10	8	1.350	.37
RCS10-14FLX	50	12-10	.250	1/4"	8	1.350	.49

U.L. Listed E9809

Installing tool: WT1255

Note: Heat Shrinkable terminals not available on Mylar Tape.

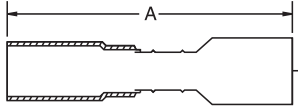




Heat Shrinkable-Fully Insulated 250 Disconnects – Female

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins	Tab Size	Wt./lb. Per 1000	A
RAS18-250AX	25	22-18	.170	.250 x .032	4	1.82
RBS14-250AX	25	16-14	.200	.250 x .032	5	1.77
RCS10-250AX	50	12-10	.250	.250 x .032	6	1.80

Installing tool: WT1255



Heat Shrinkable-Fully Insulated 250 Disconnects – Male

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins	Tab Size	Wt./lb. Per 1000	A
18RAS-251TX	25	22-18	.170	.250 x .032	4	1.80
14RBS-251TX	25	16-14	.200	.250 x .032	5	1.75
10RCS-251TX	25	12-10	.250	.250 x .032	6	1.80

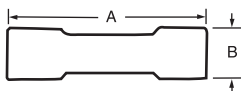
Installing tool: WT1255



Heat Shrinkable Splices – Butt Type – Expanded Insulation

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins	Wt./lb. Per 1000	A	B
2RAS18X	50	22-18	.170	3	1.50	.25
RAAS22X	1000	22-18	.170	3	1.50	.25
2RBS14X	50	16-14	.200	3	1.50	.26
RBBS22X	500	16-14	.200	3	1.50	.26
2RCS10X	25	12-10	.250	7	1.60	.31
RCCS22X	500	12-10	.250	7	1.60	.31

Installing tool: WT1255



These butt splices are self-insulated with heat shrinkable polyolefin and internally coated sealant. Upon completed installation, a fully sealed connection is achieved to protect the joint against the degrading effects of galvanic action, corrosion, and environmental exposure.



WT-PTORCH

Cat. No.	Description
WT-PTORCH	Hand-Held Butane Torch (Butane not supplied)

Butt Type Splices

In butt splices, the wires are butted together and crimped at each end of the splice. They are available either non-insulated, or insulated with nylon or

PVC. Nylon insulated splices meet or exceed the requirements of MIL-T-7928. These splices are colour-coded according to wire size.

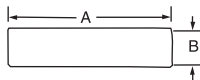


Nylon Insulated Splices – Aircraft Systems Splices

Cat. No.	Pkg. Qty.	Wire Range	Wt./lb. Per 1000	Dimensions	
				A	B
2RZZ	50	26-22	2	1.22	.15
2RAA	50	22-18	6	1.52	.25
RAA23	500	22-18	6	1.52	.25
2RBB	50	16-14	6	1.52	.28
RBB23	500	16-14	6	1.52	.28
2RCC	25	12-10	8	1.89	.35
RCC23	250	12-10	8	1.89	.35

Not U.L. Listed

Installing tools: WT145C, ERG4001, ERG2003, WT1452(R22)



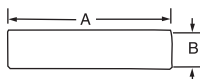
Nylon Insulated Splices – Butt Type – Insulation Support

Cat. No.	Pkg. Qty.	Max Ins. Dia.	Wire Range	Wt./lb. Per 1000	Dimensions	
					A	B
2RA18	100	.115	22-18	3	1.19	.18
RAA21	1000	.115	22-18	3	1.19	.18
2RB14	100	.148	16-14	3	1.19	.21
RBB21	1000	.148	16-14	3	1.19	.21
2RC10	50	.210	12-10	7	1.26	.28
RCC21	500	.210	12-10	7	1.26	.28
2RD8	25	.340	8	25	1.69	.36
RDD27	200	.340	8	25	1.69	.36
2RE6	20	.420	6	35	1.85	.45
REE28	200	.420	6	35	1.85	.45
2RF4	15	.510	4	40	1.85	.52

U.L. Listed E9809

Installing tools: ERG4001, ERG2003, WT145C, WT112M, TBM6/TBM6S (D-F)

Note: Not available on Mylar Tape.



Sta-Kon®

Splice Connectors



Vinyl Insulated Splices – Butt Type – Expanded Insulation

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins	Wt./lb. Per 1000	Dimensions	
					A	B
2RA18X	100	22-18	.155	3	1.13	.25
RAA217-170	1000	22-18	.170	3	1.13	.25
RAA217	1000	22-18	.155	3	1.13	.23
2RB14X	100	16-14		3	1.13	.26
RBB217-200	1000	16-14	.200	3	1.13	.26
RBB217	1000	16-14		3	1.13	.23
2RC10X	50	12-10	.210	7	1.31	.31
RCC217-250	500	12-10	.250	7	1.31	.31
RCC217	500	12-10	.210	7	1.31	.29

U.L. Listed E9809

Installing tools: WT145C, WT2000, WT112M, ERG4001, ERG2003, WT2130A

Bulk No's:RAA22X- RBB22X - RCC22X



A, B & C bulk numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

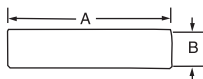
Non-Insulated Splices – Butt Type

Cat. No.	Pkg. Qty.	Wire Range	Wt./lb. Per 1000	Dimensions	
				A	B
2A-18	100	22-18	2-1/2	.62	.12
AA2	1000	22-18	2-1/2	.62	.12
2B-14	100	16-14	2-1/2	.62	.16
BB2	1000	16-14	2-1/2	.62	.16
2C-10	50	12-10	7	.72	.22
CC2-TB	500	12-10	7	.72	.22
2D-8	25	9-8-7	18	1.03	.28
DD102	200	9-8-7	18	1.03	.28
2E-6	20	6-5	25	1.12	.37
EE2	200	6-5	25	1.12	.37
2F-4	15	4-3	30	1.25	.44
FF2	200	4-3	30	1.25	.44
2G21	5	2-1	40	1.72	.55
GG2	25	2-1	40	1.72	.55

U.L. Listed E9809

Installing tools – A, B, C: WT111M, WT110M, WT2000, ERG4002, ERG4005, WT112M

Installing tools – D, E, F, G: WT115A, TBM6/TBM6S





Overlap Type Splices

Wires are laid side by side in the connector, and the connection is made in one crimp. These splices offer

advantages in simplicity of installation, and small size. One crimp completes the splice.



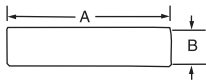
Nylon Insulated Splices – Overlap Type (Parallel)

Cat. No.	Pkg. Qty.	Wire Range	Wt./lb. Per 1000	Dimensions	
				A	B
2A20	100	22-20	2	.84	.20
RAA24	1000	22-20	2	.84	.20
2B-16	100	18-16	2	.84	.23
RBB25	1000	18-16	2	.84	.23
2C-12	50	14-12	4	.90	.28
RCC26	500	14-12	4	.90	.28

U.L. Listed E9809
Installing tools: WT2000, WT112M

High-Tech Splice-Overlap Type (Parallel)

Cat. No.	Pkg. Qty.	Wire Range	Wt./lb. Per 1000	Dimensions	
				A	B
675-1425	1000	18-16	3	.31	.16



Fluoropolymer Insulated Butt Splice

Cat. No.	Pkg. Qty.	Wire Range	Wt./lb. Per 1000	Dimensions	Max. Ins Dia.
				A	
RAAT21	1000	22-18	3	1.22	.115
RBBT21	1000	16-14	3	1.22	.148
RCCT21	1000	12-10	7	1.22	.210

Installing tool – WT-145C

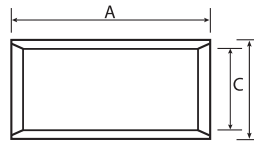
Sta-Kon®

Parallel Splices



Sta-Kon® Parallel Splices offer solutions for hundreds of OEM, utility and communications applications. These splices provide excellent reliability, long-term performance, and a UL listed connection at a low installed cost. Sta-Kon parallel splices are resistant to corrosion and preserve the electrical integrity of the wires in single or multiple strands. The new Sta-Kon parallel splices also feature an intelligent constructable part number for quick identification of the wire range and pack quantity.

Material: Tin-plated Copper
 Range: 22AWG to 500 MCM
 Listing: UL, CSA Listed



Wire Strip Length Chart

Cat. Number	Wire Size	Cir Mil Range	Length (A)	O.D. (B)	I.D. (C)	Pack Qty.	UPC Number
A18-PS-M	22-16 AWG	509-3,260	0.314	0.129	0.086	1000	78621093625
B14-PS-M	16-14 AWG	2,050-5,180	0.315	0.155	0.113	1000	78621093626
C10-PS-D	12-10 AWG	5,180-13,100	0.380	0.220	0.170	500	78621093627
D8-PS-D	8 AWG	13,100-20,800	0.375	0.260	0.180	500	78621089076
E6-PS-D	6 AWG	20,800-33,100	0.500	0.365	0.266	500	78621089080
F4-PS-W	4 AWG	33,100-52,600	0.531	0.410	0.302	250	78621089082
G2-PS-W	2 AWG	52,600-83,700	0.640	0.521	0.396	250	78621089084
H1/0-PS-C	1/0 AWG	83,700-119,500	0.750	0.571	0.446	100	78621089086
J2/0-PS-C	2/0 AWG	119,500-150,500	0.750	0.632	0.507	100	78621089078
K3/0-PS-L	3/0 AWG	150,500-190,000	0.750	0.701	0.564	50	78621089777
L4/0-PS-L	4/0 AWG	190,000-231,100	0.770	0.766	0.629	50	78621089092
M250-PS-Q	250 MCM	231,100-300,000	1.063	0.926	0.749	25	78621089094
N300-PS-X	300 MCM	300,000-380,000	1.125	1.100	0.882	10	78621089096
P400-PS-X	400 MCM	380,000-478,000	1.250	1.200	0.956	10	78621089098
R500-PS-V	500 MCM	478,000-600,000	1.438	1.330	1.060	5	78621089100

Tools

Wire Size	Tools
22-10 AWG	ERG4002, WT111M, WT112M, WT2000
16-6 AWG	ERG4005
8-2 AWG	WT115A, TBM8-750M1, TBM8-750BSCR
1/0 AWG - 500 MCM	TBM8-750M1, TBM8-750BSC

Disconnect terminals provide a quick, reliable method of connection to terminal blocks and boards without the use of tools. They are supplied in a variety of styles to meet virtually all quick-disconnect requirements. Female disconnect terminals and matching male tabs accommodate a range of 22-10 AWG, and are available in non-insulated,

partially insulated, and fully insulated styles, in both nylon and vinyl. They are available in various tab widths including .250", .187", and .110", and a combination size. A unique construction of the female disconnect offers long-term dependability. The brazed seam serrated barrel provides maximum tensile strength.



RA18-250F
nylon self-insulated
installing tools – WT145C,
WT2000, ERG4001,
ERG2003, WT112M



18RA-250F
vinyl self-insulated
installing tools – WT145C,
WT2000, ERG4001,
ERG2003, WT112M



18RA-2577
nylon fully-insulated
installing tools – WT145C,
WT2000, ERG4001,
ERG2003, WT112M



RAS18-250AX
heat-shrinkable fully
insulated disconnects
installing tool – WT1255

250 Series – Female Disconnects

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Tab Size	Wt./lb. Per 1000	Dimensions	
						A	B
① RA18-250F	100	22-18	.136	.250 x .032	4	.91	.29
RA250TB	1000	22-18	.136	.250 x .032	4	.91	.29
RB14-250F	100	16-14	.162	.250 x .032	4	.91	.29
RB250	1000	16-14	.162	.250 x .032	4	.91	.29
RC10-250F	50	12-10	.215	.250 x .032	4	1.04	.29
RC250	500	12-10	.215	.250 x .032	4	1.04	.29
② 18RA-250F	100	22-18	.150	.250 x .032	3	.96	.29
RA257	1000	22-18	.150	.250 x .032	3	.96	.29
RA257-170	1000	22-18	.170	.250 x .032		.96	.29
14RB-250F	100	16-14	.170	.250 x .032	3	.96	.29
RB257	1000	16-14	.170	.250 x .032	3	.96	.29
RB257-200	1000	16-14	.200	.250 x .032		.96	.29
10RC-250F	50	12-10	.250	.250 x .032	4	1.03	.29
RC257	500	12-10	.250	.250 x .032	4	1.03	.29
③ 18RA-2577	100	22-18	.165	.250 x .032	3	1.01	.38
RA2573	1000	22-18	.165	.250 x .032	3	1.01	.38
14RB-2577	100	16-14	.185	.250 x .032	4	1.01	.38
RB2573	1000	16-14	.185	.250 x .032	4	1.01	.38
10RC-2577	50	12-10	.225	.250 x .032	5	1.04	.38
RC2573	500	12-10	.225	.250 x .032	5	1.04	.38
④ RAS18-250AX	25	22-18	.170	.250 x .032	4	1.83	–
RBS14-250AX	25	16-14	.200	.250 x .032	5	1.78	–
RCS10-250AX	50	12-10	.250	.250 x .032	6	1.80	–

Material: brass
Finish: tin plated
U.L. Listed **E66716**



Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197 for description of tooling. Please add the suffix "M" for Mylar Tape (i.e. RA2573-M).



①



RA18-250A
nylon open top insulated 90° flag installing tools – WT145C, WT2000, ERG4001, ERG2003, WT112M

②



A18-250
non-insulated installing tools – WT111M, WT1110M, WT2000, ERG4002, WT112M

③



B14-250F
non-insulated/insulation grip installing tool – WT110M

④

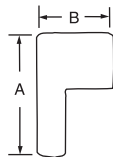
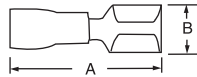


A18-250A
non-insulated 90° flag installing tools – WT110M, WT111M, WT2000, ERG4002, WT112M

250 Series – Female Disconnects – continued

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Tab Size	Wt./lb. Per 1000	Dimensions	
						A	B
① RA18-250A	50	22-18	.170	.250 x .032	4	.80	.71
RA2577F	500	22-18	.170	.250 x .032	4	.80	.71
RB14-250A	50	16-14	.190	.250 x .032	5	.80	.72
RB2577F	500	16-14	.190	.250 x .032	5	.80	.72
RC10-250A	50	12-10	.245	.250 x .032	6	.80	.88
RC2577F	500	12-10	.245	.250 x .032	6	.80	.88
② A18-250	100	22-18	–	.250 x .032	3	.73	.31
A250-TB	1000	22-18	–	.250 x .032	3	.73	.31
B14-250	100	16-14	–	.250 x .032	3	.73	.31
B250	1000	16-14	–	.250 x .032	3	.73	.31
C10-250F	50	12-10	–	.250 x .032	4	.73	.31
C250	500	12-10	–	.250 x .032	4	.73	.31
③ B14-250F	100	16-14	–	.250 x .032	5	.87	.31
B250G	1000	16-14	–	.250 x .032	5	.87	.31
④ A18-250A	50	22-18	–	.250 x .032	3	.58	.61
A252G	1000	22-18	–	.250 x .032	3	.58	.61
B14-250A	50	16-14	–	.250 x .032	3	.58	.62
B252G	1000	16-14	–	.250 x .032	3	.58	.62
C10-250A	50	12-10	–	.250 x .032	4	.64	.63
C252G	500	12-10	–	.250 x .032	4	.64	.63

U.L. Listed E66716

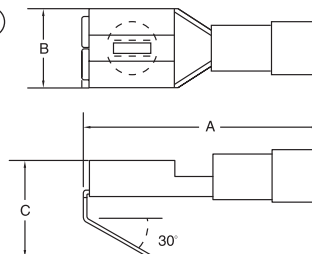


250 Series – Piggy Back Disconnects – Nylon Insulated

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Tab Size	Wt./lb. Per 1000	Dimensions		
						A	B	C
⑤ RA18-250FP	100	22-18	.136	.250 x .032	3	.87	.30	.43
RA250P	1000	22-18	.136	.250 x .032	3	.87	.30	.43
RB14-250FP	100	16-14	.163	.250 x .032	3	.87	.30	.43
RB250P	1000	16-14	.163	.250 x .032	3	.87	.30	.43

For stacking applications
Installing Tool – WT112M

⑤



Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197 for description of tooling. Please add the suffix "M" for Mylar Tape (i.e. RA2573-M).



①



RAD18-183
nylon self-insulated
installing tools – WT145C,
WT2000, ERG4001,
ERG2003, WT112M

②



18RAD-183
vinyl self-insulated
installing tools – WT145C,
WT2000, ERG4001,
ERG2003, WT112M

③



18RAD-18377
nylon fully-insulated
installing tools – WT145C,
WT2000, ERG4001,
ERG2003, WT112M



AD18-183
non-insulated
installing tools –
WT111M, ERG4002,
WT2000, WT112M,

⑤



RAD18-187A
nylon fully-insulated 90° flag
installing tools – WT1145C,
WT2000, ERG4001,
ERG2003, WT112M

Disconnect terminals provide a quick, reliable method of connection to terminal blocks and boards without the use of tools. They are supplied in a variety of styles to meet virtually all quick-disconnect requirements. Female disconnect terminals and matching male tabs accommodate a range of 22-10 AWG, and are available in non-insulated, partially insulated, and fully insulated styles, in both nylon and vinyl. They are available in various tab widths including .250", .187", and .110", and a combination size. A unique construction of the female disconnect offers long-term dependability.

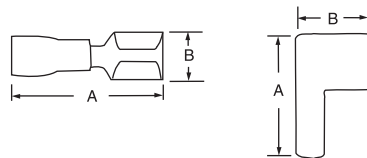
187 Series – Female Disconnects

Cat. No.	Pkg. Qty.	Tab Size	Wire Range	Max. Ins. Dia.	Dimensions	
					A	B
① RAD18-183	100	.187 x .032	22-18	.136	.83	.23
RAD1833	1000	.187 x .032	22-18	.136	.83	.23
RAD18-182	100	.187 x .020	22-18	.136	.83	.23
RAD1823	1000	.187 x .020	22-18	.136	.83	.23
RBD14-183	100	.187 x .032	16-14	.163	.83	.23
RBD1833	1000	.187 x .032	16-14	.163	.83	.23
RBD14-182	100	.187 x .020	16-14	.163	.83	.23
RBD1823	1000	.187 x .020	16-14	.163	.83	.23
② 18RAD-183	100	.187 x .032	22-18	.150	.85	.23
RAD1837	1000	.187 x .032	22-18	.150	.85	.23
18RAD-182	100	.187 x .020	22-18	.150	.85	.23
RAD1827	1000	.187 x .020	22-18	.150	.85	.23
14RBD-183	100	.187 x .032	16-14	.170	.85	.23
RBD1837	1000	.187 x .032	16-14	.170	.85	.23
14RBD-182	100	.187 x .020	16-14	.170	.85	.23
RBD1827	1000	.187 x .020	16-14	.170	.85	.23
③ 18RAD-18377	100	.187 x .032	22-18	.150	.89	.30
RAD18377	500	.187 x .032	22-18	.150	.89	.30
18RAD-18277	100	.187 x .020	22-18	.150	.89	.30
RAD18277	500	.187 x .020	22-18	.150	.89	.30
14RBD-18377	100	.187 x .032	16-14	.170	.89	.30
RBD18377	500	.187 x .032	16-14	.170	.89	.30
14RBD-18277	100	.187 x .020	16-14	.170	.89	.30
RBD18277	500	.187 x .020	16-14	.170	.89	.30
④ AD18-183	100	.187 x .032	22-18	–	.64	.23
AD183	1000	.187 x .032	22-18	–	.64	.23
AD18-182	100	.187 x .020	22-18	–	.64	.23
AD182	1000	.187 x .020	22-18	–	.64	.23
BD14-183	100	.187 x .032	16-14	–	.64	.23
BD183	1000	.187 x .032	16-14	–	.64	.23
BD14-182	100	.187 x .020	16-14	–	.64	.23
⑤ RAD18-187A	50	.187 x .032	22-18	.150	.74	.59
RAD1877F	500	.187 x .032	22-18	.150	.74	.59
RAD18-188A	50	.187 x .020	22-18	.150	.74	.59
RAD1887F	500	.187 x .020	22-18	.150	.74	.59
RBD14-187A	50	.187 x .032	16-14	.170	.74	.61
RBD1877F	500	.187 x .032	16-14	.170	.74	.61
RBD14-188A	50	.187 x .020	16-14	.170	.74	.61
RBD1887F	500	.187 x .020	16-14	.170	.74	.61

U.L. Listed E66716

Material: brass

Finish: tin plated



Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197 for description of tooling. Please add the suffix "M" for Mylar Tape (i.e. RA2573-M).



18RA-250T
vinyl self-insulated
installing tools – WT145C,
WT2000, ERG4001,
ERG2003, WT112M



18RA-251T
nylon fully insulated
installing tools – WT145C,
WT2000, ERG4001,
ERG2003, WT112M



18RAS-251TX
heat shrinkable nylon fully
insulated
installing tool – WT1255



A18-250T
Non-insulated/insulated grip
installing tool – WT110M

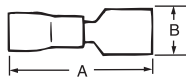


18-251T
Non-insulated
installing tools – WT110M,
WT111M, WT2000,
WT112M, ERG4002, WT112M

250 Series – Male Tabs

	Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Tab Size	Wt./lb. Per 1000	Dimensions	
							A	B
①	18RA-250T	100	22-18	.150	.250 x .032	3	.95	–
	RA2517	1000	22-18	.150	.250 x .032	3	.95	–
	14RB-250T	100	16-14	.170	.250 x .032	3	.95	–
	RB2517	1000	16-14	.170	.250 x .032	3	.95	–
	10RC-250T	50	12-10	.250	.250 x .032	4	1.08	–
	RC2517	500	12-10	.250	.250 x .032	4	1.08	–
②	18RA-251T	50	22-18	.150	.250 x .032	5	1.13	.45
	RA25177	500	22-18	.150	.250 x .032	5	1.13	.45
	14RB-251T	50	16-14	.170	.250 x .032	5	1.13	.45
	RB25177	500	16-14	.170	.250 x .032	5	1.13	.45
	10RC-251T	25	12-10	.210	.250 x .032	5	1.17	.45
	RC25177	500	12-10	.210	.250 x .032	5	1.17	.45
③	18RAS-251TX	25	22-18	.170	.250 x .032	4	1.80	–
	14RBS-251TX	25	16-14	.200	.250 x .032	5	1.75	–
	10RCS-251TX	25	12-10	.250	.250 x .032	6	1.80	–
④	A18-250T	100	22-18	–	.250 x .032	3	.87	–
	B14-250T	100	20-14	–	.250 x .032	3	.87	–
⑤	A18-251T	100	22-18	–	.250 x .032	2	.68	–
	A251	1000	22-18	–	.250 x .032	2	.68	–
	B14-251T	100	16-14	–	.250 x .032	2	.68	–
	B251	1000	16-14	–	.250 x .032	2	.68	–
	C10-251T	50	12-10	–	.250 x .032	2	.68	–

Material: brass
Finish: tin plated



Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197 for description of tooling. Please add the suffix "M" for Mylar Tape (i.e. RA2573-M).



18RAD-187
vinyl insulated
installing tools – WT145C,
WT2000, ERG4001,
ERG2003, WT112M

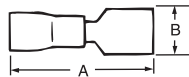
187 Series – Male Tabs

Cat. No.	Pkg. Qty.	Tab Size	Wire Range	Max Ins.	Wt./lb. Per 1000	Dia. A
① 18RAD-187	100	.187 x .032	22-18	.150	4	.87
18RAD-188	100	.187 x .020	22-18	.150	4	.87
14RBD-187	100	.187 x .032	16-14	.170	4	.87
14RBD-188	100	.187 x .020	16-14	.170	4	.87

U.L. Listed E66716

Material: brass

Finish: tin plated



RA18-111F
nylon-insulated
installing tool –
WT465

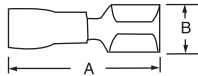
110 Series – Disconnects*

Cat. No.	Pkg. Qty.	Tab Size	Wire Range	Max Ins.	Wt./lb. Per 1000	Dimensions	
						A	B
② RA18-110F	100	.110 x .032	22-18	.110	4	.75	.15
RA10SK	1000	.110 x .032	22-18	.110	4	.75	.15
RA18-111F	100	.110 x .020	22-18	.110	4	.75	.15
RA11	1000	.110 x .020	22-18	.110	4	.75	.15
RB14-110F	100	.110 x .032	16-14	.135	4	.75	.15
RB10-SK	1000	.110 x .032	16-14	.135	4	.75	.15
RB14-111F	100	.110 x .020	16-14	.135	4	.75	.15
RB11-TB	1000	.110 x .020	16-14	.135	4	.75	.15
③ A18-110F	100	.110 x .032	22-18	–	3	.59	.15
A10-TB	1000	.110 x .032	22-18	–	3	.59	.15
A18-111F	100	.110 x .020	22-18	–	3	.59	.15
A11	1000	.110 x .020	22-18	–	3	.59	.15
B14-110F	100	.110 x .032	16-14	–	3	.59	.15
B10TB	1000	.110 x .032	16-14	–	3	.59	.15
B14-111F	100	.110 x .020	16-14	–	3	.59	.15
B11-TB	1000	.110 x .020	16-14	–	3	.59	.15

*Not U.L. Listed or CSA approved.

Material: brass

Finish: tin plated



A18-111F
non-insulated
installing tools –
WT111M, WT2000,
WT112M

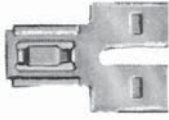
Most standard bulk catalogue numbers can be put on Mylar Tape for reel fed applications (i.e. 12050 tool and application dies). See pages 196-197. Please put the suffix M for Mylar Tape RA2573M. (Bulk number 1000 and 500 packages.)

RA Series requires a 12061 Die.

RB Series requires a 12062 Die.

Sta-Kon® Disconnects

①



②



RB14-250
insulated coupler
no tool required
Male

250 Series – Adapters & Couplers †

Cat. No.	Pkg. Qty.	Tab Size	Wt./lb. Per 1000	Dimensions	
				A	B
① F250TA	50	.250 x .032	3	.82	.56
FTA250	1000	.250 x .032	3	.82	.56
② RB14-250	50	.250 x .032	7	2.35	.51
RBB250	500	.250 x .032	7	2.35	.51

† Not U.L. Listed

Cat. No. F250TA –

Material: brass

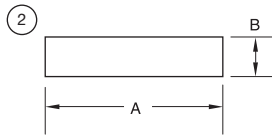
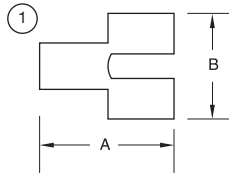
Finish: tin plated

Cat. No. RB14-250 –

Material: brass

Finish: none

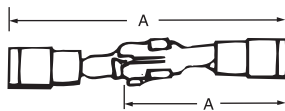
Insulation: vinyl



RA18D
Nylon-insulated wire barrels
installing tool –
WT2000 (Not U.L.)



B14-D
non-insulated/insulation grip
installing tool –
WT110M (Not U.L.)



Nylon Insulated and Non-insulated
Picture shows wristlock assembled as 2 pieces. Parts are sold by the piece not assemblies.

Wristlock Disconnects †

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins.	Wt./lb. Per 1000	Dimensions	
					A	A1
RA18D	50	22-18	.136	4	.99	1.70
RA23	1000	22-18	.136	4	.99	1.70
RB14D	50	16-14	.162	4	.99	1.70
RB23	500	16-14	.162	4	.99	1.70
B14-D	50	16-14	.187	4	.97	1.66
B23	1000	16-14	.187	4	.97	1.66

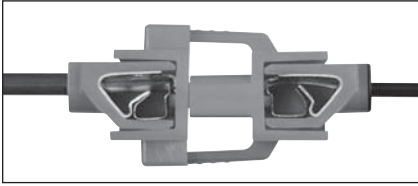
† Not U.L. Listed

Note: Not available on Mylar Tape.

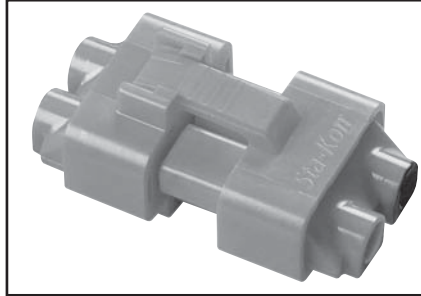
Sta-Kon®

Disconnects

**Faster and Easier to Install –
Just Push in the Wires!**



- Enables electricians changing ballasts to easily disconnect incoming power for safe servicing without having to trip the main power breaker
- Disconnect halves snap together and separate easily — but won't accidentally disconnect
- Foolproof design eliminates the potential for incorrect installation and reverse polarity
- Fits through 1/2 in. knockouts for easy retrofit
- Ballast hot-lead wire entry is colour-coded black for easy visibility
- Finger-safe on both sides
- For use in all non-residential fluorescent lighting applications and in ordinary location HID lighting applications — both up to 600V, 4A maximum
- Complies with NEC, CEC, UL and CSA requirements
- Sold in mated pairs (male/line and female/load sides)



Sta-Kon® Push-In Luminaire Disconnect

Cat. No.	Description	Std. Pack.
LD2P-Q	2-Wire push-in luminaire disconnect, contractor pack	25
LD2P-D	2-Wire push-in luminaire disconnect, bulk packaging	500

Meets 2009 CEC® Part 1 30-308(4) Requirements

Pin Terminals/Vinyl Terminals (Mini-Pack)



- Convenient 20-count packaging.
 - Wire ranges from 22 AWG to 10 AWG.
 - Vinyl Insulated Ring and forked-tongued terminals, female disconnects, butt-type splice connectors.
- Note: "CP" designates mini-pack quantities. Refer to other catalogue pages for description and dimensional information.

Sta-Kon® Mini-Pack Terminals

Cat. No.	Unit Qty.	Std. Pack.	Wire Range	Bolt Hole
18RA-6FCP	20	100	22-18	#6
18RA-8CP	20	100	22-18	#8
18RA-10CP	20	100	22-18	#10
14RB-6CP	20	100	16-14	#6
14RB-8CP	20	100	16-14	#8
14RB-10CP	20	100	16-14	#10
10RC-10CP	20	100	12-10	#10
10RC-14CP	20	100	12-10	1/4
18RA-8FCP	20	100	22-18	#8
18RA-10FCP	20	100	22-18	#10
14RB-6FCP	20	100	16-14	#6
14RB-8FCP	20	100	16-14	#8
14RB-10FCP	20	100	16-14	#10
10RC-8FCP	20	100	12-10	#8
10RC-10FCP	20	100	12-10	#10
2RA18XCP	20	100	22-18	—
2RB14XCP	20	100	16-14	—
2RC10XCP	20	100	12-10	—
18RA-250FCP	20	100	22-18	—
14RB-250FCP	20	100	16-14	—
10RC-250FCP	20	100	12-10	—

U.L. Listed E9809



① one piece nylon self-insulated
Installing tool – WT2000,
WT2130A (RC & RP)



② two piece nylon insulator



③ Installing tool – WT161M
one piece non-insulated
Installing tool – WT161M

Sta-Kon® wire joints come in one-piece nylon, self-insulated and non-insulated, and a two-piece nylon insulator. Tool applied.

Crimp on Wire Joints – Tool Applied

Cat. No.	Pkg. Qty.	Wire Range		Dimensions		Wt./lb. Per 1000
		Min.	Max.	A	B	
① RB44	100	2#18	2#16	.31	.78	
RB4TB	1000			–	–	2
RC55	50	4#18	2#12	.43	.95	3
RC6	500			–	–	3
RP12	100	3#14	4#12	.53	1.00	
RP7	500			–	–	
② PT66M	100	2#18	3#12 combination	–	–	4
PT6M	100	–	Insulator only	.50	.93	2
PT60M	100	2#14	3#12 Connector only	.31	.37	2
③ PT70	200	2#14	3#12	.29	.34	2
PT70M	200	3#18	4#12	.31	.37	2
PT80	100	2#16	4#10	.35	.62	6

U.L. Listed E9809

Items on this page sold in multiples of unit packages only.

Installation Procedure for “PT” Connectors

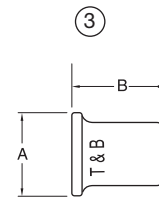
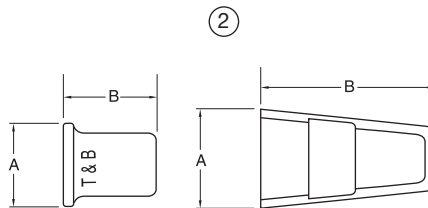
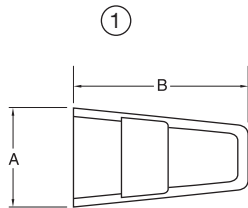


Twist wires, insert through serrated barrel of wire joint. (PT60M, PT70, PT70M, PT80).



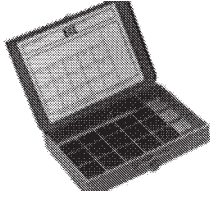
Crimp and trim off excess wire with WT161M hand tool.

Screw PT6 insulator firmly onto PT160M barrel.



Cat. No.	Allowable Wire Combinations						
	#22	#20	#18	#16	#14	#12	#10
RB4/RB44			2-3				
			1-2	2			
	3						
		3					
	3		1				
	2	3					
	1-2		2				
	2			1			
		3	1				
	1	2					
	2		1				
	1	2					
RC6/RC55							1
							1
					1-2		1
							2
			3-5				1
				2-4			1
							3
			1-4				2
				1-3			2
			1-3				3
			1			3	
			2-5				
						4-6	
RP7/RP12							2
							1
							1
							2-4
							2-4
							1
							3-6
							1
							2-3
							2
						1-2	
						3	
						1-2	
						4	
						1	

Sta-Kon® Installation Kits



ORG-2



Wiring Organizer

Cat. No.	Description	Std. Pkg.	Wt.
ORG2	Heavy Duty Steel Drawer with (17) compartments to hold Sta-Kon® terminals, Color-Keyed® lugs, Ty-Rap® cable ties, and other small parts	1	4

Drawer does not include Thomas & Betts products.

Sta-Kon® Terminal Kit

For residential or light commercial installations we recommend this proven assortment of popular Sta-Kon® vinyl terminals. This kit includes a WT112M crimping tool.

Cat. No.	Description	Std. Pkg.	Wt.
SK-CLASSIQUE	36 2RA18X Butt splices for 22-16 AWG,	1	6.5
	36 18RA-8F Fork terminals for 22-16 AWG,		
	36 18RA-10F Fork terminals for 22-13 AWG,		
	36 18RA-8 Ring terminals for 22-16 AWG,		
	36 18RA-10 Ring terminals for 22-16 AWG,		
	36 RBB217-200 Butt splices for 16-14 AWG,		
	36 14RB-10F Fork terminals for 18-14 AWG,		
	36 18RA-250F Disconnects for 22-18 AWG,		
	36 14RB-8F Fork terminals for 18-14 AWG,		
	36 14RB-8 Ring terminals for 18-14 AWG,		
	36 14RB-10 Ring terminals for 18-14 AWG,		
	25 RCC217-250 Butt splices for 12-10 AWG,		
	25 10RC-8F Fork terminals for 12-10 AWG,		
	25 10RC-10 Ring terminals for 12-10 AWG,		
	20 RC6 Wire joints,		
	1 WT112M Crimping tool		
	50 822D Wire connectors XTP blue #22-#8		

Sta-Kit*

For residential or light commercial installations we recommend this proven assortment of popular Sta-Kon® vinyl terminals. This kit includes a WT112M crimping tool.

Cat. No.	Description	Std. Pkg.	Wt.
STAKIT*	100 2RA18X butt splices for 22-18 AWG,	1	1
	100 2RB14X butt splices for 18-14 AWG,		
	50 2RC10X butt splices for 12-10 AWG,		
	50 10RC-10 ring terminals for 12-10 AWG,		
	50 10RC-10FL locking fork terminals for 12-10 AWG,		
	50 10RC-250F disconnects for 12-10 AWG,		
	100 14RB-10 ring terminals for 18-14 AWG,		
	100 14RB-8FL locking fork terminals for 18-14 AWG,		
	100 14RB-250F disconnects for 18-14 AWG,		
	100 18RA-8F Fork Terminals for 22-18 AWG,		
	100 18RA-6FL locking fork terminals for 22-18 AWG,		
	100 18RA-250F disconnects for 22-18 AWG		
	1 WCMB-0-9		
	1 WT112M crimping tool and 100 TY525M Ty-Rap® cable ties (approx. length 7-1/2)		

* (All splices, terminals and disconnects are vinyl insulated).



Never fumble for the right terminal again!

Sta-Org™ Terminal and Splice Organizer Kit

Fits in Your Tool Box or on Your Bench for Easy Access

Searching and fumbling for the right terminal wastes time and productivity. Keep terminals and splices organized and at your fingertips with the Sta-Org Terminal and Splice Organizer Kit. Small enough to slip into your tool box or sit on your bench, the handy organizer contains 6 see-through, lidded canisters holding the most popular Sta-Kon terminals and splices. The Sta-Org can also be mounted to your bench. When a canister runs low, simply refill it, and you're ready to go!

- Ideal for contractors, OEMs, or any other user of terminals and splices
- Slips in a tool box or sits on your bench—only 6.6"L x 3" dia.
- Benchmountable (Hardware included)
- Lightweight yet durable nylon construction for long service life
- 6 refillable canisters come pre-filled with the most popular Sta-Kon terminals and splices
- Sta-Kon terminals and splices are UL Listed and CSA Approved
- Packaged with T&B Header card for easy merchandising.

Kit Contains:

- (1) blue nylon organizer/carrier
- (6) see-through nylon canisters with lids
- (20) 12–10 AWG vinyl ring terminals (Cat. No. 10RC-10)
- (25) 18–14 AWG vinyl ring terminals (Cat. No. 14RB-10)
- (15) 12–10 AWG vinyl butt splices (Cat. No. 2RC-10X)
- (25) 18–14 AWG vinyl butt splices (Cat. No. 2RB-14X)
- (20) 12–10 AWG vinyl fork terminals (Cat. No. 10RC-10F)
- (25) 18–14 AWG vinyl fork terminals (Cat. No. 14RB-10F)



Sta-Org Terminal and Splice Organizer Kit

Cat. Number	Description	Std. Pkg. Qty.	UPC Number
STA-ORG	Sta-Kon® Sta-Org™ Terminal and Splice Organizer Kit	1	78621093652

Catamount™

Terminals — Now in Convenient, Spillproof, Re-Usable Packaging!

While poly bags keep their contents dry, they don't offer much other protection, and they aren't environmentally friendly. That's why Catamount™ terminals now come in sturdy plastic containers that safeguard the connectors inside against crushing and can be re-used or recycled when empty. T&B is always adding value to its products. With the introduction of a durable plastic container, the value of T&B's Catamount™ terminals has been significantly enhanced. No more lost or spilled terminals because of inadequate packaging.



Vinyl Insulated Ring Terminals

Cat. No.	Wire Range	Bolt Size	Pkg Qty
TV18-6R-XV	22-16	#6	15
TV18-8R-XV		#8	
TV18-10R-XV		#10	
TV14-6R-XV	16-14	#6	15
TV14-8R-XV		#8	
TV14-10R-XV		#10	
TV10-8R-XV	12-10	#8	15
TV10-10R-XV		#10	
TV10-14R-XV		1/4"	



Vinyl Insulated Fork Terminals

Cat. No.	Wire Range	Bolt Size	Pkg Qty
TV18-6F-XV	22-16	#6	15
TV18-8F-XV		#8	
TV14-6F-XV	16-14	#6	15
TV14-8F-XV		#8	
TV14-10F-XV		#10	
TV10-8F-XV	12-10	#8	15
TV10-10F-XV		#10	
TV10-14F-XV		1/4"	



Vinyl Insulated Butt Splices

Cat. No.	Wire Range	Pkg Qty
TV18-BS-XV	22-18	15
TV14-BS-XV	16-14	15
TV10-BS-XV	12-10	15

Vinyl Insulated Butt Splices Set of connectors

Cat. No.	Wire Range	Qty	Pkg Qty
TV10-18-BS	22-18	5	15
	16-14	5	
	12-10	5	



Nylon Insulated Wire Joints

Cat. No.	Wire Range	Pkg Qty
TN18-WJ-XV	22-16	15
TN14-WJ-XV	16-14	15
TN10-WJ-XV	12-10	15



Vinyl Insulated Double Crimp Locking Fork

Cat. No.	Wire Range	Pkg Qty
TV18-10LFD-XV	22-16	15
TV18-6LFD-XV		
TV18-8LFD-XV		
TV14-10LFD-XV	16-14	15
TV14-6LFD-XV		
TV14-8LFD-XV		
TV10-10LFD-XV	12-10	15
TV10-6LFD-XV		
TV10-8LFD-XV		



Vinyl Insulated Locking Fork Terminal

Cat. No.	Wire Range	Pkg Qty
TV18-10LF-XV	22-16	15
TV18-6LF-XV		
TV18-8LF-XV		
TV14-10LF-XV	16-14	15
TV14-6LF-XV		
TV14-8LF-XV		
TV10-10LF-XV	12-10	15
TV10-6LF-XV		
TV10-8LF-XV		



Vinyl Insulated Female Disconnects – 250 Series

Cat. No.	Wire Range	Pkg Qty
TV18-250FD-XV	22-16	15
TV14-250FD-XV	16-14	15
TV10-250FD-XV	12-10	15



Vinyl Insulated male Disconnects – 250 Series

Cat. No.	Wire Range	Pkg Qty
TV18-250MD-XV	22-16	15
TV14-250MD-XV	16-14	15
TV10-250MD-XV	12-10	15



Vinyl Insulated Blade Terminal

Cat. No.	Wire Range	Pkg Qty
TV18-10BL-XV	22-16	15
TV14-10BL-XV	16-14	15
TV14-18BL-XV		15
TV10-10BL-XV	12-10	15



Vinyl Insulated Pin Terminal

Cat. No.	Wire Range	Pkg Qty
TV18-12PT-XV	22-16	15
TV14-12PT-XV	16-14	15
TV10-14PT-XV	12-10	15



Non insulated Ring Terminals

Cat. No.	Wire Range	Pkg Qty
T14-10R-XV	16-14	15
T14-8R-XV		
T10-10R-XV	12-10	15
T10-14R-XV		
T10-8R-XV		



Non insulated Fork Terminals

Cat. No.	Wire Range	Pkg Qty
T18-10F-XV	22-18	15
T18-8F-XV		
T14-10F-XV	16-14	15
T14-8F-XV		
T10-10F-XV	12-10	15
T10-14F-XV		
T10-8F-XV		



Vinyl Fully Insulated Double Crimp Female Disconnect

Cat. No.	Wire Range	Pkg Qty
TVF18-250FDD-XV	22-16	15
TVF14-250FDD-XV	16-14	15
TVF10-250FDD-XV	12-10	15



Vinyl Fully Insulated Female Disconnect

Cat. No.	Wire Range	Pkg Qty
TVF18-250FD-XV	22-16	15
TVF14-250FD-XV	16-14	15
TVF10-250FD-XV	12-10	15



Vinyl Insulated Piggy Back Disconnect

Cat. No.	Wire Range	Pkg Qty
TV18-250PD-XV	22-16	15
TV14-250PD-XV	16-14	15
TV10-250PD-XV	12-10	15



Vinyl Insulated Double Crimp Piggy Back Disconnect

Cat. No.	Wire Range	Pkg Qty
TV18-250PDD-XV	22-16	15
TV14-250PDD-XV	16-14	15
TV10-250PDD-XV	12-10	15

Catamount™

Terminals — Now in Convenient, Spillproof, Re-Usable Packaging!



Nylon Fully Insulated Female Disconnect

UL LISTED

Cat. No.	Wire Range	Pkg Qty
TNF18-250FD-XV	22-16	15
TNF14-250FD-XV	16-14	15
TNF10-250FD-XV	12-10	15

Nylon Fully Insulated Male Disconnect

UL LISTED

Cat. No.	Wire Range	Pkg Qty
TNF-18-250MD-XV	22-16	15
TNF-14-250MD-XV	16-14	15
TNF-10-250MD-XV	12-10	15

Vinyl Insulated Double Crimp Female Disconnect

UL LISTED

Cat. No.	Wire Range	Pkg Qty
TV18-250FDD-XV	22-16	15
TV14-250FDD-XV	16-14	15
TV10-250FDD-XV	12-10	15

Vinyl Insulated Double Crimp Male Disconnect

UL LISTED

Cat. No.	Wire Range	Pkg Qty
TV18-250MDD-XV	22-16	15
TV14-250MDD-XV	16-14	15
TV10-250MDD-XV	12-10	15

Vinyl Insulated Quick Splice

UL LISTED

Cat. No.	Wire Range	Pkg Qty
TV18-00QS-V	22-18	5
TV14-00QS-V	18-14	5
TV10-00QS-V	12-10	5

Nylon Fully Insulated Female Bullet

UL LISTED

Cat. No.	Wire Range	Pkg Qty
TNF18-4FB-XV	22-16	15
TNF14-4FB-XV	16-14	15

Nylon Fully Insulated Double Crimp Female Disconnect

UL LISTED

Cat. No.	Wire Range	Pkg Qty
TNF-18-250FDD-XV	22-16	15
TNF-14-250FDD-XV	16-14	15
TNF-10-250FDD-XV	12-10	15

Nylon Fully Insulated Double Crimp Male Disconnect

UL LISTED

Cat. No.	Wire Range	Pkg Qty
TNF-18-250MDD-XV	22-16	15
TNF-14-250MDD-XV	16-14	15
TNF-10-250MDD-XV	12-10	15

Nylon Fully Insulated Male Bullet

UL LISTED

Cat. No.	Wire Range	Pkg Qty
TNF18-4MB-XV	22-16	15
TNF14-4MB-XV	16-14	15

Catamount™ Terminal Tools



CM2000A

Cat. No.	Description
CM2000A	Crimping all Insulated Terminals 22-16 AWG (1.25 mm ²) 16-14 AWG (2 mm ²) 12-10 AWG (5.5 mm ²)
CM2000C	Crimping all single Crimp Insulated Female / Male Disconnect 22-16 AWG (1.25 mm ²) 16-14 AWG (2 mm ²) 12-10 AWG (5.5 mm ²)
CM2000D	Crimping Non-Insulated Terminals 22-16 AWG (1.25 mm ²) 16-14 AWG (2 mm ²) 12-10 AWG (5.5 mm ²) 8 AWG (8 mm ²)
CM2000G	Crimping Closed End Connectors & all Heat Shrinkable Terminals 22-16 AWG (1.25 mm ²) 16-14 AWG (2 mm ²) 12-10 AWG (5.5 mm ²)

Sta-Kon®

Wire Stripping/Cutting Tool

ERG1-WS



The ERG1-WS is a self-adjusting wire stripping and cutting tool for insulated wires ranging from 34 AWG (0.02 mm²) to 8 AWG (10 mm²). The ERG1-WS has the **widest** stripping range for this type tool in the industry. It also incorporates interchangeable stripping cassettes for a wide range of wire insulations. The lightweight, ergonomic design makes this tool ideal for higher volume production as well as portable field usage. This tool replaces the ERG1 cutting/stripping tool.

The Sta-Kon® ERG1-WS Wire Stripping Tool advantages:

- **Versatile** - Interchangeable cassettes allows the user to strip a wide range of insulations without having to change tools. Integral wire cutter lets user cut and strip with the same tool.
- **Powerful** - The V-Blade cassette is designed for stripping difficult insulation like PTFE coated wire.

- **Safe & Ergonomic** - Stationary handle has a soft grip molded into the tool for extra comfort. Optimized grip span and lightweight ensures comfortable operation for the user. Cutting blades are not exposed so user's hands are protected.
- **Automatic & Precise** - Tool automatically strips wire to preset length. Hard plastic wire stop allows the user to easily adjust wire strip length. Fine adjustability slide allows user to strip thin insulation jackets without damaging conductors.
- **Durable & Reliable** - Cutting blades manufactured from high grade hardened steel. Body is molded in a new high-strength plastic to withstand the harshest working environments. Tool has been tested to over 150,000 cycles.



ERG1-WS features interchangeable blades that allow user to strip a wide range with the same tool. ("V" Blade Cassette shown. Sold separately.)

Specifications

Stripping Capacity:	Straight Blade Cassette, PVC Insulations 34-8 AWG (0.02-10 mm ²) "V" Blade Cassette, All Insulations 34-10 AWG (0.02-6 mm ²)
Cutting Capacity:	Flexible wires - 8 AWG (10 mm ²) Rigid wires - 16 AWG (1.5 mm ²)
Dimensions:	7.5" x 4.8" x 0.8" (191 x 123 x 20 mm)
Weight	0.3 lb. (0.136 kg)

Sta-Kon® ERG1-WS Ordering Information

Cat No.	Description	Weight Ea.	UPC
ERG1-WS	Ergonomic Wire Stripping Tool	.3 lb.	786210-86322
SBC-1	Replacement Straight Blade Cassette	.03 lb.	786210-86324
VBC-1	Replacement "V" Blade Cassette	.03 lb.	786210-86328

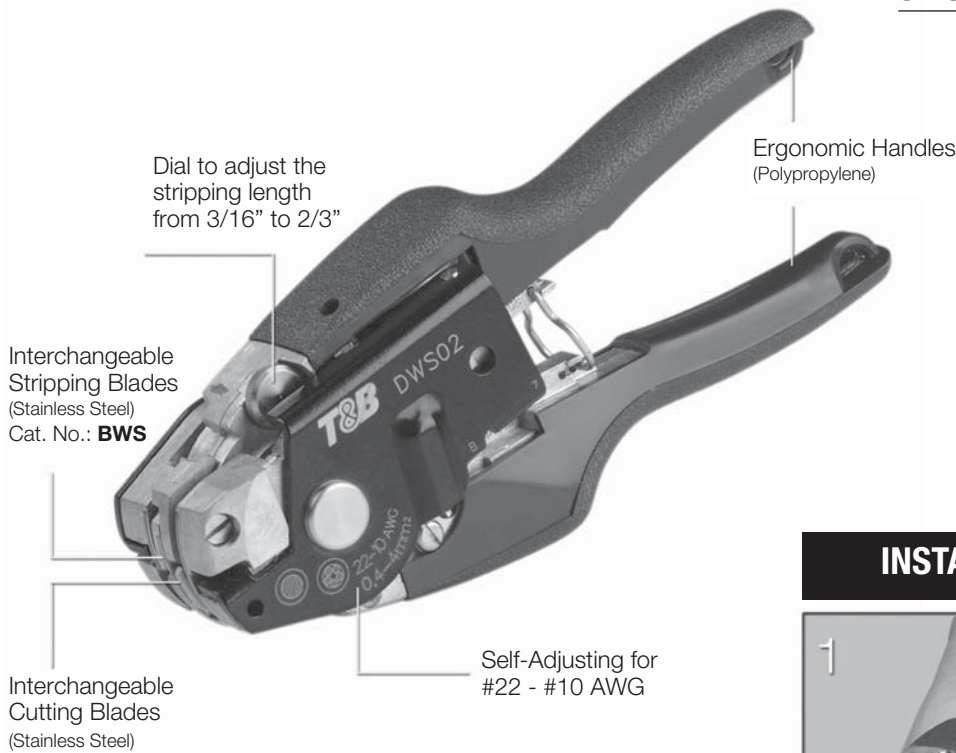
ERG1-WS Wire Stripping/Cutting Tool is shipped with one Straight Blade Cassette. "V" Blade Cassettes sold separately. Tool and Replacement Blades are shipped in packaging suitable for merchandising display.

Please ask your Thomas & Betts Sales Representative for a complete catalogue of quality Sta-Kon® wire termination products.

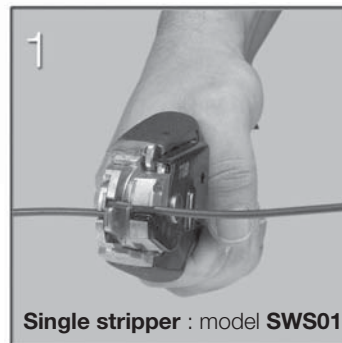
Sta-Kon®

Cutting & Stripping TOOL

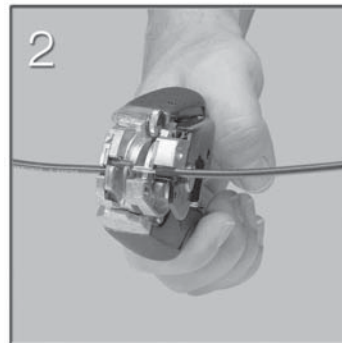
SWS01 / DWS02



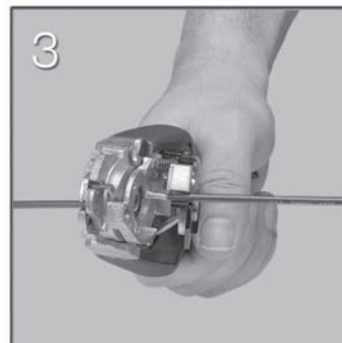
INSTALLATION INSTRUCTIONS



Lateral grip of the wire with automatic adjustment at the section.



Cut and strip the wires from #22 to #10 AWG in a single operation.



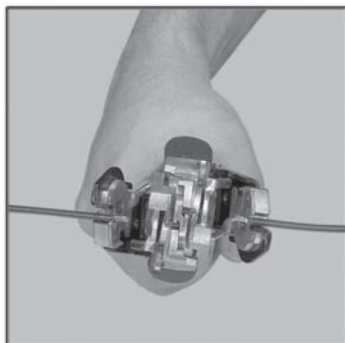
Release.

Reliability tested on more than 150,000 operations.

Copper or Aluminum Conductors

0.03" to 0.09" (0.7 to 2.3 mm)	#22 - #10 AWG (0.4 to 4 mm ²)	3/16" to 2/3" (4 to 17 mm)	3/16" (5 mm)

Double stripper available :
model DWS02



Sta-Kon® Application Tools



WT110M



WT111M

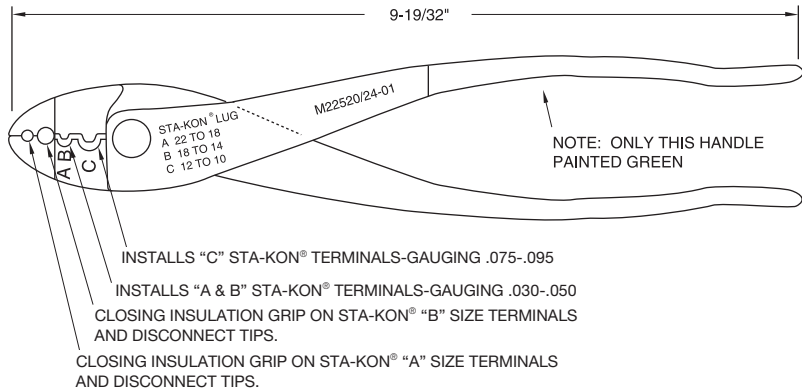


WT112M

These tools are designed in a variety of styles—some with wire cutters and strippers—for installation of the various STA-KON terminal series. #22-10 AWG wire range.

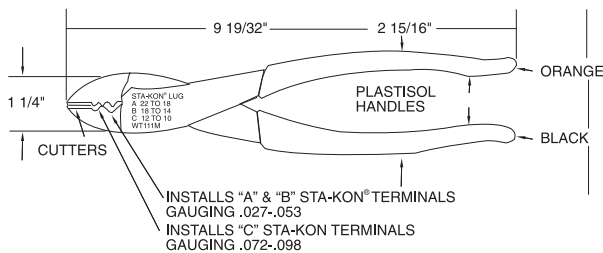
Plier Type Tools

Cat. No.	Description	Std. Pkg.	Wt. Each
WT110M	A, B, C non-insulated terminal and splices and A, B non-insulated terminals with insulation grip	1	1 lb
WT111M	A, B, C, PT non-insulated terminal and splices	1	1 lb
WT112M	RA, RB, A, B, C, non-insulated and RC insulated nylon and vinyl terminal and splices	1	1 lb



WT110M

Installs "C" Sta-Kon® terminals-gauging .075-.095
Installs "A" & "B" Sta-Kon® terminals-gauging .030-.050
Closing Insulation Grip on Sta-Kon® "B" size terminals and disconnect tips.
Closing Insulation Grip on Sta-Kon® "A" size terminals and disconnect tips.

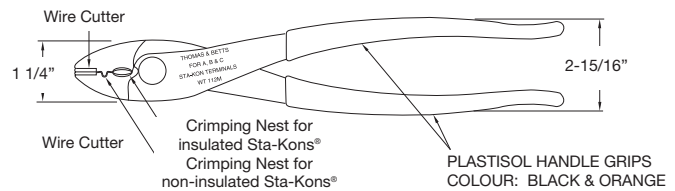


WT111M

Cutters

Installs "A" & "B" Sta-Kon® terminals gauging .027-.053.

Installs "C" Sta-Kon® terminals gauging .072-.098.



WT112M

Installs insulated and non-insulated Sta-Kon® terminals, splices, disconnects, and wire joints 22-10 AWG.

Sta-Kon®

Application Tools



WT161M

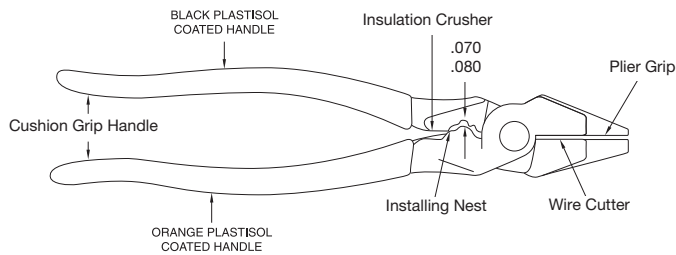


WT2000

These tools are designed in a variety of styles—some with wire cutters and strippers—for installation of the various STA-KON terminal series. #22-10 AWG wire range.

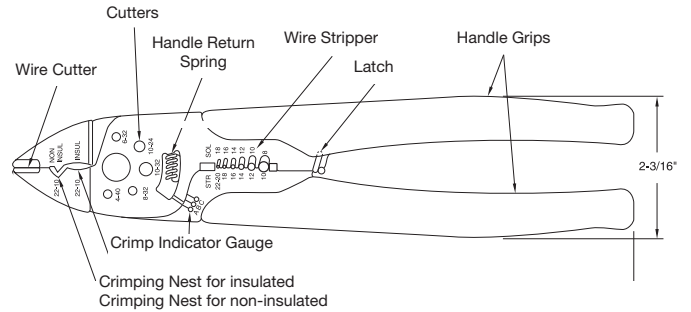
Plier Type Tools – (Continued)

Cat. No.	Description	Std. Pkg.	Wt. Each
WT161M	A, B, C, PT non-insulated terminal and splices	1	1 lb
WT2000	A, B, C: AB, PT, RA, RB, RC insulated and non-insulated terminal and splices	1	1 lb



WT161M

Installs "A," "B," and "C" size (#18-#10 wire) Sta-Kon terminals, splices, and wire joints (PT-60M and PT-70).



WT2000

Wire Cutter—No. 10 AWG and smaller solid or stranded wire.

Crimping Nests—Insulated and non-insulated Sta-Kon terminals, splices and wire joints on No. 22 to No. 10 AWG, solid or stranded wire.

Cutters—Chasing feature for screws, sizes 4-40, 6-32, 8-32, 10-24, 10-32.

Wire Stripper—Removes most types of insulation from No. 22-10 AWG stranded wire and No. 18-8 AWG solid wire.

Sta-Kon®

Application Tools

For easy visual verification of crimps, integrity dots are embossed on the top and bottom of the terminal.

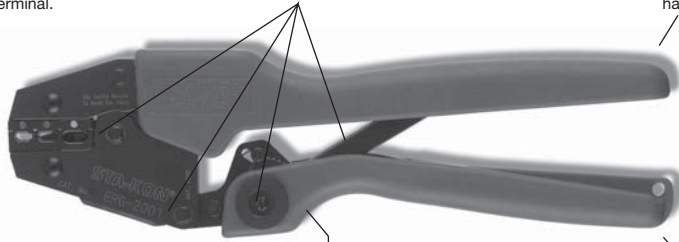
toggle action increases mechanical gain, which dramatically reduces handle force – and the stress on your hands.

Advanced ergonomic design of handle distributes the force more evenly across the hand.

Colour-coded die nests on both the right and left sides of the tool are included for insulated terminals.

Shure-Stake® mechanism helps to ensure a complete crimp cycle before it releases the tool.

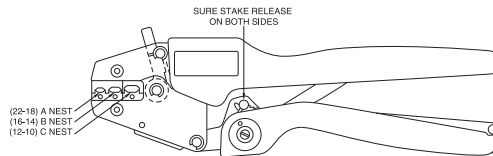
Rubberized thermoplastic handle combines maximum friction with a soft, comfortable feel that reduces muscle tension.



ERG4001



ERG4002



Comfort Crimp™ Terminal Tool

Concerned about safety? Down time? Health care costs?

Thomas & Betts' ergonomically designed Comfort Crimp™ tool helps reduce the risk of Carpal Tunnel Syndrome, the cause of almost one out of every two industrial injuries.

This tool's unique design delivers the same reliable crimp with up to 60% less handle force than other terminal hand tools. So you won't have to sacrifice your hand to make a successful crimp. We've researched the tool components to provide maximum comfort to the operator while assuring a complete crimp.

Just wrap your hands around our Comfort Crimp™ terminal tool. It's such a relief you won't want to handle any other tool ever again.

Sta-Kon®

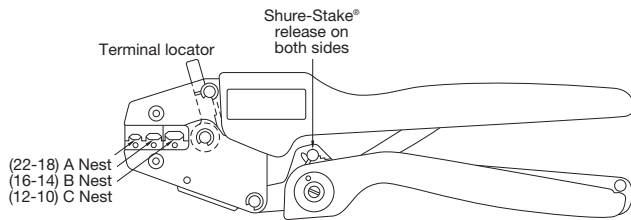
Application Tools



ERG4001

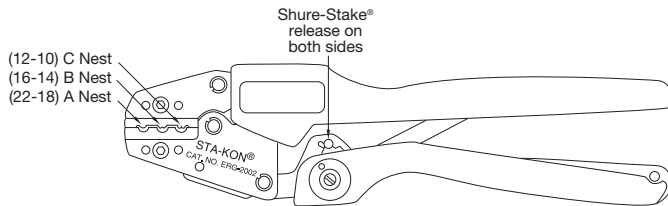


ERG4008



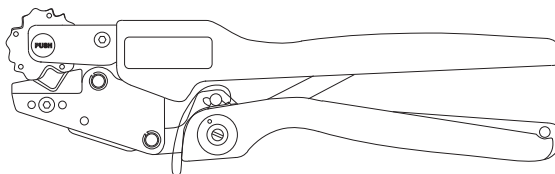
Installs nylon and vinyl insulated terminals, disconnects, and splices 22-10/22-14 AWG.

The force required to release the Shure-Stake® mechanism should be no less than 15 lb.



Installs Non-insulated Terminals, Disconnects, and Splices 22 - 10 AWG.

The force required to release the Shure-Stake® mechanism should be no less than 15 lb.



Installs Non-insulated Terminals #8 AWG - 1/0 AWG.

UL Listed crimp per UL standard 486C on tubular D, E, F, G, and H style Sta-Kon® Terminals.

Comfort Crimp™ Terminal Tool

Cat. No.	Description	Std. Pkg.
ERG4001	RA, RB, RC Nylon & vinyl terminals, splices & disconnects	1
ERG4002	A, B, C Non-insulated terminals, splices, disconnects	1
ERG4004	C and C Flag terminal AB Flag terminal and A, B, C non-insulated terminals, splices, disconnects	1
ERG4005	B, C, D Non-insulated terminals, splices, (D tubular only)	1
ERG4007	RD & RE Insulated terminals (Except Brazed Seam)	1
ERG4008	Non-insulated terminals #8 AWG - 1/0 AWG	1

Tool Gaging Requirements*

Cat. No.	Nest	Gaging Min.-Max.
ERG4001	RA	.100—.106
	RB	.116—.124
	RC	.149—.152
ERG4002	A	.062—.067
	B	.084—.089
	C	.110—.115
ERG4004	AB	.062—.067
	C	.110—.115
ERG4005	B	.082—.090
	C	.117—.125
	D	.145—.153
ERG4007	8 (RED)	.190—.196
	6 (BLUE)	.212—.218
ERG4008	Self-Contained Rotating Die	8AWG - 1/0 AWG

* Gauges available from T&B Tool Service

ERG4001

Nest	Gaging Min.-Max.
Red	.100 - .106
Blue	.116 - .124
Yellow	.149 - .152

ERG4002

Nest	Gaging Min.-Max.
A	.062 - .067
B	.084 - .089
C	.110 - .115

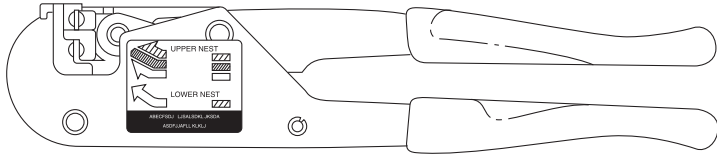
Sta-Kon®

Application Tools



Ratchet Hand Tools

Cat. No.	Description
WT145A	RA, RAX, RB, RBC, RC, RAA, RBB, RBC, RCC nylon terminal

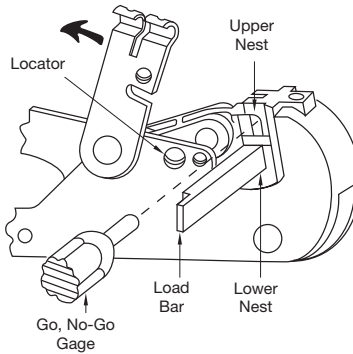


WT145A

Installs RA, RB, RBC, RC nylon terminals.

Correct compression every time—the Shure-Stake® mechanism prevents opening of the handles until full staking action is completed. Installs self-insulated and non-insulated Sta-Kon® terminal series in the #26-10 AWG wire range.

With the “Lower” gage (683-G-398) placed into the rectangular side of the lower nest, the force required to release the Shure-Stake® mechanism should be 10-40 lb.



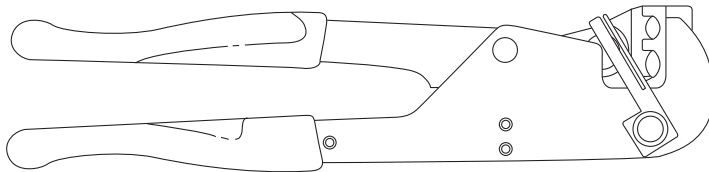
WT145A

Nest	Gaging Min.-Max.
Upper	.097 – .106
Lower	.121 – .128



Ratchet Hand Tools

Cat. No.	Description
WT145C	RA, RB, RC, RAA, RBB, RCC, RBC nylon and vinyl terminals, splices and disconnects

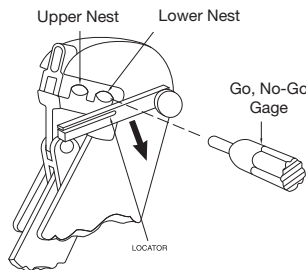


WT145C

Correct compression every time—the Shure-Stake® mechanism principle prevents opening of the handles until full staking action is completed. Installs self-insulated and non-insulated Sta-Kon® terminal series in the #26-10 AWG wire range.

Installs RA, RB, RC nylon terminals, disconnects, splices and RA, RB, RC vinyl terminals, disconnects, splices.

The force required to release the Shure-Stake® mechanism should be 10 lb. minimum.



WT145C

Nest	Gaging Min.-Max.
Upper	.118 – .122
Lower	.169 – .173

Sta-Kon®

Application Tools



WT1377

Installs NW Series Heater Wire Terminals

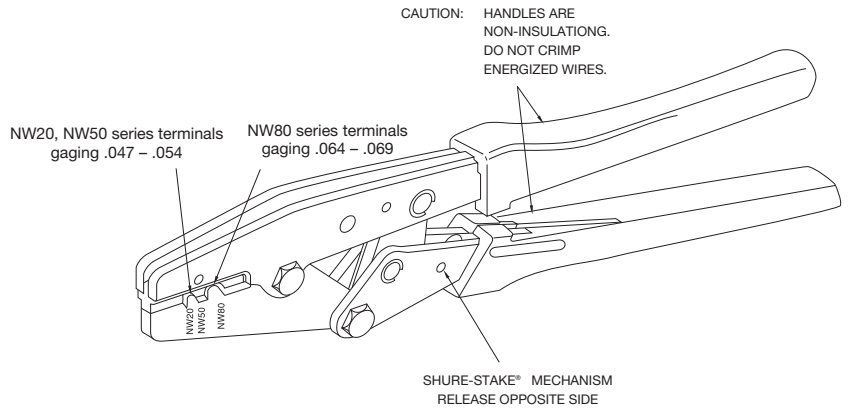
Correct compression every time—the Shure-Stake® mechanism principle prevents opening of the handles until full staking action is completed. Installs self-insulated and non-insulated Sta-Kon® terminal series in the #26-10 AWG wire range.

Ratchet Hand Tools

Cat. No.	Description	Std. Pkg.
WT1377	NW Ring Terminals	1

Use Front Nest to install NW18 series term., NW20 series term., NW22 series term., NW50 series term.

Use Rear Nest to install NW10 series term., NW14 series term., NW80 series term., 675-14716 series term.

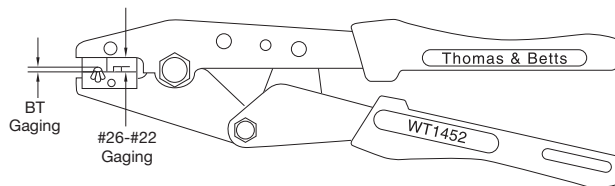


Installs RZ, RV Terminals (26-22 AWG wire) and Splices.

Ratchet Hand Tools

Cat. No.	Description	Std. Pkg.
WT1452	Installs RZ, RV Terminals/Splices	1

Nest	Min. Gage "Go"	Max. Gage "No-Go"
BT	.039	.049
RZ, RV #26-#22	.063	.073



Sta-Kon® Application Tools

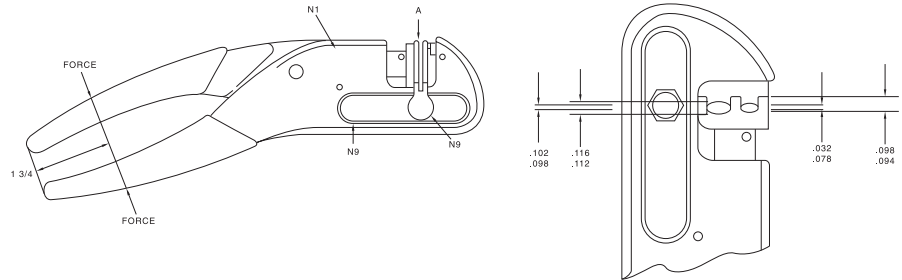


WT465

Installs .110 RA, RB disconnects.
Pre-load requirement: 20-50 lb.

Ratchet Hand Tools

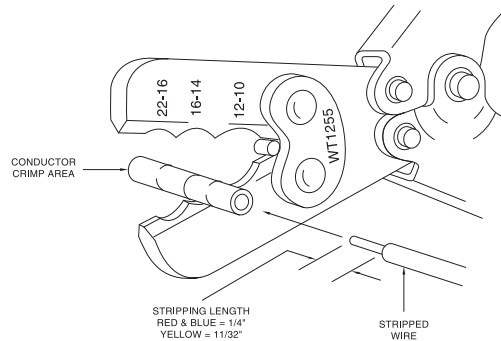
Cat. No.	Description	Std. Pkg.
WT465	RA, RB .110 insulated disconnects	1



Ratchet Hand Tools

Cat. No.	Description	Std. Pkg.
WT1255	RA, RB, RC Heat Shrinkable nylon insulated terminals, butt splices and disconnects	1

Pre-load 35 to 45 pounds.



WT1255

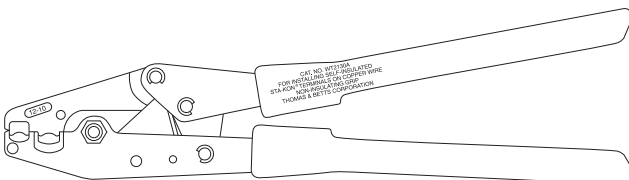
Nest	Gaging
22-18	.098/.086
16-14	.113/.101
12-10	.161/.149



WT2130A

Installs RBC, RC, RD, Sta-Kon® terminals and RC6 and RP7 wire joints.

The force required to release the Shure-Stake® mechanism should be 20 lb. minimum.



Ratchet Hand Tools

Cat. No.	Description	Std. Pkg.
WT2130A	RC, RBC, and RD insulated terminal #14-#8	1

WT2130A

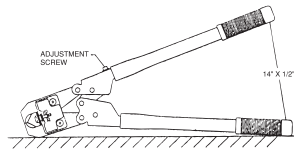
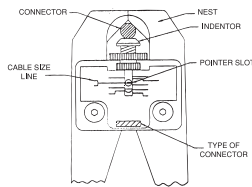
Nest	Gaging Min.-Max.
12-10	.147 - .157
8	.185 - .195

Sta-Kon®

Application Tools



WT3185



Installs Thomas & Betts Sta-Kon® terminals series D, E, F, and G.



Installs Thomas & Betts Sta-Kon® terminals series D, E, F, and G flag terminals.

Ratchet Hand Tools – (Continued)

Cat. No.	For Use With Sta-Kon® Series	Std. Pkg.	Wt. Each
WT3185	For 8 AWG to 250 kcmil non-insulated Sta-Kon® terminals	1	6

Installation and Gaging Procedure – Adjustable Crimper

Gaging Procedure

1. Close the tool jaws until they bottom.
2. Select the side of tool to be gaged (Tubular or Brazed seam)
3. Move indenter until the pointer slot aligns (click) with the selected cable size: For brazed seam connector use 6 AWG. For tubular connectors use 2/0.
4. Gage the crimping area with a suitable pin gage. The gage diameter must fall within .4056010 tubular and .215±.010 for 6 AWG. brazed product.

Checking Handle Pre-load

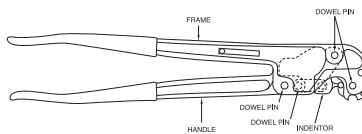
1. Lay the tool on a flat surface as shown in figure 3. Open handle and release it so that it will close of its own weight.
2. Measure the handle spread distance at the inner surface of the handle tips as shown in figure 3.
3. If the distance is 14"±1/2" the tool is adjusted properly. If not, the tool should be adjusted.

Pre-load Adjustment Procedure

1. Turn Adjustment screw clockwise to increase handle spread and counterclockwise to decrease handle spread. (refer to figure 3.)

Toggle Type Hand Tools

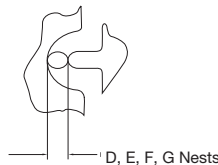
Cat. No.	For Use With Sta-Kon® Series	Std. Pkg.	Wt. Ea.
WT115A	D, E, F, & G non-insulated terminals	1	4



WT115A

Flag Terminal Type Hand Tool

Cat. No.	Description	Std. Pkg.
WT129	D, E, F, & G non-insulated flag terminals	1



WT115A & WT129A

Nest	Gaging
D	.138 ± .005
E	.170 ± .005
F	.192 ± .005
G	.222 ± .005

Sta-Kon®

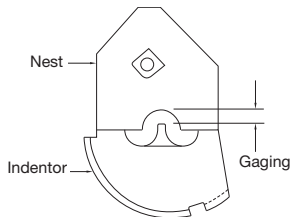
Application Tools



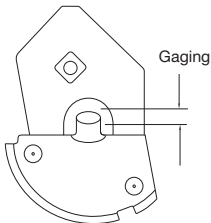
TBM6

Installs D thru M non-insulated terminals and splices, RD thru RM nylon insulated terminals and splices

Close handles until lower die touches upper die. Measure distance between ends of handles. Distance must be 11" min. and 14" max. If it is less than 11" or more than 14", the tool needs adjustment.



Use in installing tool Cat. No. TBM6 and TBM6S

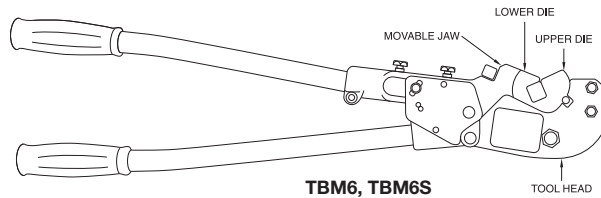


Use in installing tool Cat. No. TBM6 & TBM6S



Toggle Type Hand Tools

Cat. No.	For Use With Sta-Kon® Series	Std. Pkg.	Wt. Ea.
TBM6	D thru M (Dies not included) RD thru RM	1	9
TBM6S	D thru M (Dies not included) RD thru RM with Shure-Stake®	1	9



TBM6, TBM6S

Installing Dies for Non-Insulated Code and Aircraft Sta-Kon® Terminals

Cat. No.		Term. Size	Gaging ± .010
Nest Stationary Die	Indentor Movable Die		
11803		D	.152
11803		E (Tubular)	.152
11805		E (Brazed), F (Tubular)	.167
11806	11802	F (Brazed), G	.206
11807		H	.234
11808		J	.272
11809		K	.250
11810		L	.266
11811		M	.312

Installing Dies for Nylon Insulated Sta-Kon® Terminals TBM6 & TM6S Tool

Cat. No. Die Set	Term. Size	Gaging ± .010
11821	RD	.170
11822	RE	.202
11823	RF	.254
11824	RG	.321
11825	RH	.339
11826	RJ	.370
11827	RK	.382
11828	RL	.456
11829	RM	.554

TBM60RS Short Handle Ratchet Tool

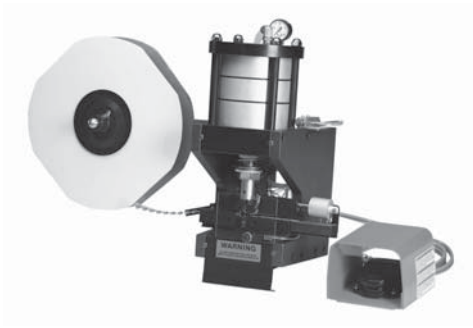
Cat. No.	For Use With Sta-Kon Series	Std. Pkg.	Wt. Ea.
TBM60RS	D thru M (Uninsulated terminals) RD thru RM (Insulated terminals)	1	6

Gaging Procedure

1. Ratchet handles until jaws are fully closed.
2. Insert GO, NO-GO gage into nest. GO gage should enter freely. NO-GO gage should not enter.

Sta-Kon®

Application Tools



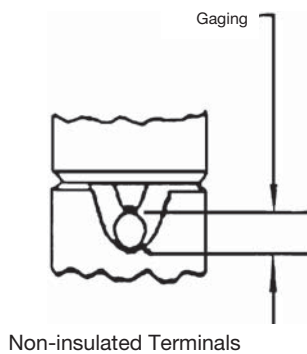
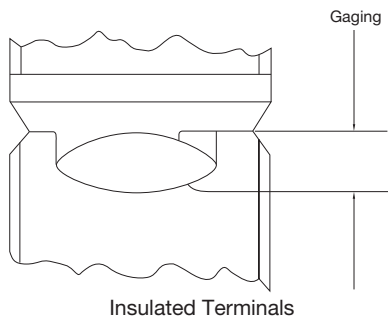
12050

Safety Features

- Fully guarded foot pedal.
- Dies colour matched to terminals.
- Clear plastic safety guard over die area.
- Automatic tool shut-down when safety guard is removed.
- "Ram UP" emergency switch.

Crimping tape-mounted STA-KON® terminals.

Wire Range – #26 - #10 AWG.



Shure-Stake® Auto-Feed Tool

Cat. No.	Description	Std. Pkg.
12050	Compact, pneumatically operated unit for crimping tape-mounted STA-KON® terminals; equipped with a Shure-Stake® mechanism which ensures a full compression each time	1

Space Requirement – 30" W x 20" H x 20" D

Weight – 55 lb.

Wire Range – #26 - #10 AWG

Air Pressure 90-125 psi input air supply

Installing Dies for 12050

Sta-Kon® Terminal Type	AWG Wire Size	Die Cat. No.	Gaging Min.-Max.	Max. Insul. Dia.
RA – Nylon	22-18	12051	.108/.114	.136
RA – Vinyl		12054*	.117/.121	.150
RB – Nylon	16-14	12052	.133/.139	.162
RB – Vinyl		12055*	.122/.126	.170
RC – Nylon and Vinyl Insulated	12-10	12056	.149/.157	.210
A – Non-Insulated	22-18	12057	.061/.068	–
B – Non-Insulated	16-14	12058	.083/.090	–
C – Non-Insulated	12-10	12059	.126/.134	–
C Disconnect, Non-Insul	12-10	12060	.103/.111	–
RV – RZ	26-24	683-54335	.075/.081	–

* Can also be used on nylon.

RA Series requires a 12061 Die.

RB Series requires a 12062 Die.



Easy to handle, it delivers fast and effective crimping power.

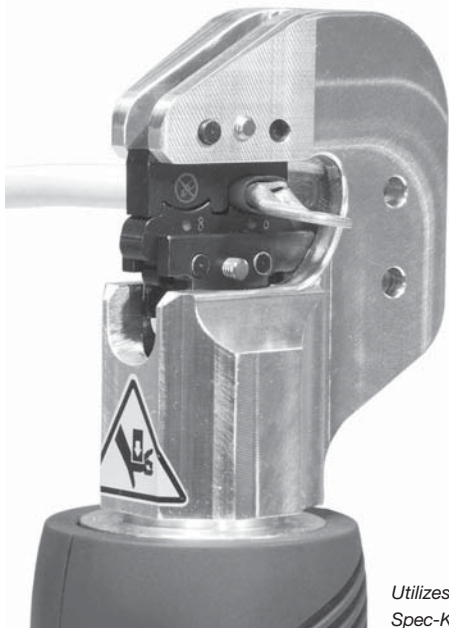
Battery-Powered Crimping Tool BAT22-6

1-1/2 Tons of Grip for Less than Three Pounds!

T&B's newest battery-powered tool is fast and portable for making high volume and difficult-to-reach terminal installations in a snap. The Sta-Kon® BAT22-6 delivers 1.5 tons of crimping force with an easy, push-button trigger. The lightweight, ergonomic design minimizes the risk of repetitive motion injuries that can occur with traditional hand crimping tools. And at less than three pounds, one-hand operation is easy while still packing enough power to crimp up to 6 AWG terminals in seconds.

BAT22-6 Advantages

- **Interchangeable Dies** The BAT22-6 uses the exact dies from the Thomas & Betts Comfort Crimp line of ergonomic tools for Sta-Kon®, Spec-Kon®, and Dragon Tooth® terminals. These can be quickly changed to crimp non-insulated and insulated terminals up to 6 AWG. And because the dies are the same as our hand tools, crimps will be exactly the same between Sta-Kon® hand tools such as our ERG4001 and the new BAT22-6.
- **360° Rotating Head** The BAT22-6 head rotates 360° giving the user the added flexibility when crimping hard-to-reach connections.
- **Short Cycle Time** With crimping times of less than two seconds, this tool brings speed to the workplace. Quick, lightweight and maneuverable, the new BAT22-6 makes installing terminals faster and easier than ever.
- **NiCd Battery Operation** The NiCd battery provides long-lasting battery life to complete up to 150 crimps on a single charge. An extra battery and charger are included with the tool ensuring round-the-clock operation. The battery charger provides full battery life in under sixty minutes.
- **Powerful and Precise** The BAT22-6 tool delivers 1.5 tons of linear crimping force, enough power to crimp up to 6 AWG terminals. The linear crimping motion gives a symmetric, high quality crimp every time.
- **Accessories** Each BAT22-6 tool is equipped with a sturdy, plastic carrying case for using the tool on the move. Case includes two 9.6 Volt NiCd batteries and battery charger along with a sturdy tray for convenient storage of crimp dies.



Utilizes the exact dies of the Comfort Crimp line of ergonomic tools for Sta-Kon®, Spec-Kon™, and Dragon Tooth™.



Specifications

Crimping force:	2900 lb. max.
Wire crimping range:	Up to 6 AWG
Crimp cycle time:	2 seconds
Power supply:	9.6 Volt NiCd battery
Recharging time:	1 hour
Number of crimps per charge:	150
Dimensions:	13.25" (340 mm) Length 3.1" (79 mm) Width 2.1" (53 mm) Height
Tool weight (with battery):	2-3/4 lb.

Sta-Kon® BAT22-6 Ordering Information

Cat. No.	Description	UPC
BAT22-6	Battery Crimping Tool 1.5 Tons with 120 VAC Charger	78621092214
Crimp Dies*		
DIE2001	Insulated 22-10 AWG Sta-Kon® Terminals	78621092215
DIE2002	Non-insulated 22-10 AWG Sta-Kon® and Spec-Kon® Terminals	78621092216
DIE2005	Non-insulated 16-6 AWG Sta-Kon® Terminals	78621093172
DIE2007	Insulated 8-6 AWG Sta-Kon® Terminals	78621092546
DIE2500	Insulated 22-10 AWG Spec-Kon™ Terminals	78621092217

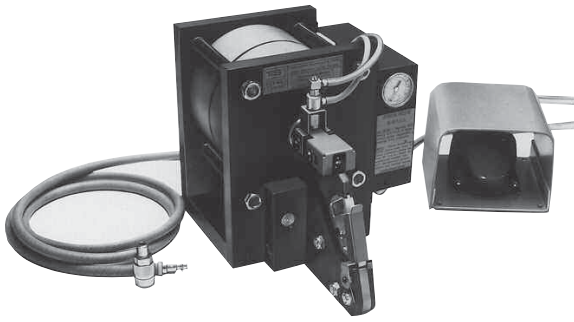
*Tool purchase includes crimping tool, two 9V batteries, charger and case.
Dies sold separately.



Cat. No.	Description	UPC
BAT-LOCATOR	Terminal locator device	78621093654

Sta-Kon®

Application Tools



Air Operated – Bench Mounted Tools

Cat. No.	Description	Std. Pkg.
25000	This compact heavy duty air tool installs nylon and Fluoropolymer insulated Sta-Kon® terminals on wire sizes from 8 AWG to 250 MCM; non-insulated styles are also installed just as quickly and dependably; to crimp a terminal, you simply insert the stripped wire into the terminal barrel, position it in the crimping nest, and depress the foot pedal actuating the crimping dies – it's that easy	1

• Convenience and Economy

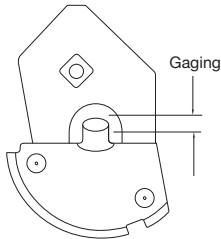
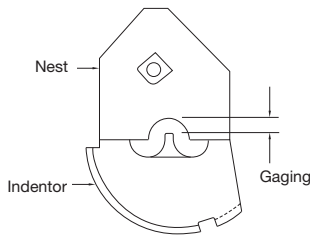
The tool accepts a full range of interchangeable dies, the same as used in the TBM6 or 6S tools. To install the dies, simply pull the spring-loaded pin and remove the indenter die. Then, flex the retaining spring and remove the die nest.

• Shure-Stake® Mechanism Means Quality Connections

The Shure-Stake® mechanism senses inlet air pressure, and if insufficient is designed to prevent the tool from cycling. Thus you avoid “undercrimping.” An 85-90 psi air pressure source is required.

• Safety Features Increase Productivity, Reduce Downtime

Safety features include a guard over the die area, an air shutdown switch activated by a slight push with the finger, and an enclosed foot pedal designed to prevent unwanted tool operation. In addition, the tool may be bench mounted for stability and control. For convenience when crimping large size terminals on heavy wire, the head assembly may overhang the workbench.



Installing Dies for Non-Insulated Code and Aircraft Sta-Kon® Terminals for 25000 tool

Cat. No. Nest Stationary Die	Cat. No. Indenter Movable Die	Term. Size	Gaging ±.010
11803		D	.152
11803		E	.152
11805		F	.167
11806	11802	G	.206
11807		H	.234
11808		J	.272
11809		K	.250
11810		L	.266
11811		M	.312

Installing Dies for Nylon Insulated Sta-Kon® Terminals for 25000 tool

Cat. No. Die Set	Term. Size	Gaging ±.010
11821	RD	.170
11822	RE	.202
11823	RF	.254
11824	RG	.321
11825	RH	.339
11826	RJ	.370
11827	RK	.382
11828	RL	.456
11829	RM	.554

Sta-Kon®

Application Tools



BAIR22-6 (13500)

STA-KON® terminals, insulated and non-insulated #22 thru #10 wire range.

Air Operated – Bench Mounted Tools

Cat. No.	Description	Std. Pkg.
BAIR22-6	Heavy duty, high speed production tool installs a wide range of Sta-Kon® terminals, from 26-10 gauge; uses the 100-1 air tool dies for both non-insulated and insulated terminals; is supplied complete with foot pedal, air hose-air/lubricator	1

STA-KON® Installing Dies for 13500 Tool

Die Cat. No.	Wire Range	Gaging	Type Crimp	Installs Term. Type
11951	10, 22 AWG	.062/.070, .081/.089, .106/.114	Double Indent	{ A, AA, AIA, B, BB BIB, C, CC, CIC
11960	–	.086/.096, 112/.120	Elliptical	RB4, RC6
11994	14, 22 AWG	.105/.109, 125/.129	Elliptical	RB, RB Nylon & Vinyl
11995	10, 12 AWG	.160/.166	Elliptical	RC Nylon & Vinyl



PAIR22-6

Air Hydraulic Tool

Cat. No.	Description
PAIR22-6	Open "C" yoke; hand actuated

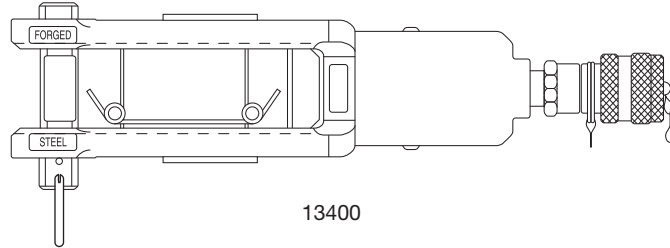
Sta-Kon®

Application Tools



Twelve Ton Crimping Tool

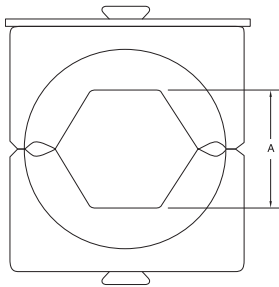
Cat. No.	Description	Std. Pkg.
13400	Twelve ton crimping tool for installing both insulated and noninsulated Sta-Kon® terminals #8 to 250 MCM (dies ordered separately)	1



Twelve Ton Crimping Tool (Military Spec. MS25441-1)

Cat. No.	Description	Std. Pkg.
13642M	Hydraulic operated 12 to press installs "D" size through "M" size Sta-Kon® terminals on "AN" copper wire	1

13642M



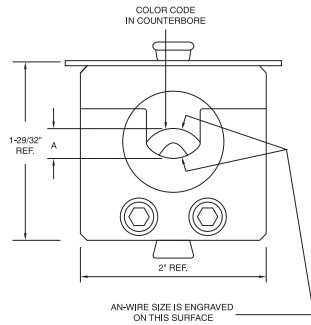
Hex Dies for 13642M & 13400

Die Cat. No.		Sta-Kon® Size	Wire Size	Hex Die Code	A Gaging
For Tubular Term	For Brazed Seam				
11732	-	D	8	21	.197 ± .005
-	11733			24	.228 ± .005
11733	-	E	6	24	.228 ± .005
-	11734			29	.288 ± .005
11734	-	F	4	29	.288 ± .005
-	11735			33	.332 ± .005
11736	-	G	2-1	37	.376 ± .005
11737	-	H	1/0	42	.415 ± .005
11738	-	J	2/0	45	.453 ± .005
11739	-	K	3/0	50	.500 ± .005
11740	-	L	4/0	54	.544 ± .009
11771	-	M	250 MCM	62	.623 ± .004

Hex Dies for 13642M (Military Listed)

Die Cat. No.	Sta-Kon® Size	Wire Size	A Gaging
11781M	D	8AN	.208 - .212
11782M	E	6AN	.238 - .242
11783M	F	4AN	.297 - .301
11784M	G	2AN	.375 - .379
11785M	H	1AN	.415 - .419
11786M	J	1/0AN	.454 - .458
11787M	K	2/0AN	.488 - .502
11788M	L	3/0AN	.560 - .564
11789M	M	4/0AN	.616 - .620

Sta-Kon® Installation Dies



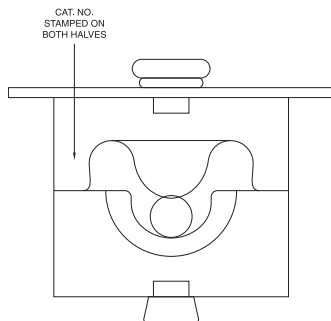
Installing Dies for Insulated Terminals to fit 13642M (Military Listed)

Cat. No.	A Gaging
21707M	.168 – .172
21708M	.200 – .204
21709M	.252 – .256
21710M	.310 – .314
21711M	.337 – .341
21712M	.368 – .372
21713M	.406 – .402
21714M	.436 – .440
21715M	.471 – .475

Gaging for Installing Dies Used to Install Flag Type Sta-Kon® Terminals – Use With 13642M & 13400

Nest Cat. No.	Indentor Cat. No.	Sta-Kon® Size	Gage Min.	Gage Max.
21733		8	.147	.153
21734	21731	6	.171	.177
21735		4	.194	.200
21736		2	.262	.269
21737		1	.278	.284
21738	21732	1/0	.309	.315
21739**		2/0	.356	.362
21740**		3/0	.382	.388
21741**		4/0	.434	.440

** Cat. Nos. 21739, 21740 and 21741 dies must be left in 13642 head with 21732 indentor when gaging.



Nest and Indentor for Installing One Piece – Non-insulated Terminals to Fit 13642M & 13400

Indentor Cat. No.	Nest Cat. No.	A Gaging	Terminal Series
13650	13654	.202-.210	G
13650	13655	.230-.238	H
13650	13656	.268-.276	J
13650	13657	.246-.254	K
13650	13658	.262-.270	L
13650	13659	.308-.316	M

Nest and Indentors for Installing Sta-Kon® Brazed Seam Type Non-insulated Terminals to Fit 13642M & 13400

Nest Cat. No.	Indent. Cat. No.	Sta-Kon® Size	Code Wire	Dia.
13643		D	8	.153/.161
13644	13650	E	6	.183/.191
13645		F	4	.214/.222



13810A



13610A

Electric Hydraulic Pump

Cat. No.	Description	Std. Pkg.
13810A	Electric hydraulic pump, 10000 psi with Shure-Stake® mechanism feature; this is a heavy duty OEM pump with high flow rate; 115V, 60Hz, 1 1/4 HP, 23 Amps; requires hand or foot control	1
13611	Hand Switch for 13810A	1
13612	Foot Switch for 13810A	1
13613	High Pressure, steel reinforced hydraulic hose; 6 ft.	1
13614	High Pressure, steel reinforced hydraulic hose; 10 ft.	1
13619	High Pressure, plastic hydraulic hose; 10 ft.	1

13600 This electric hydraulic pump is for use with all T&B hydraulic heads – consists of pump with pressure gage and Pioneer type male coupler; add suffix **WG** to eliminate gage; output pressure 9800 PSI; order switch and hose separately

13620 Hand Switch – 10 ft

13589A Foot Switch – 10 ft

13619 10 ft. Non Metallic Hose

13618 20 ft. Non Metallic Hose

A remote control switch is required. Order Cat. No. 13620 for hand operation or Cat. No. 13589A for foot operation.

All pumps are supplied with a metal carrying case.

13610A Shure-Stake® electric hydraulic pump has same features as 13600, but includes the Shure-Stake® control mechanism; prevents under crimping; (pump pressure must reach 9,800 psi before recycling); requires hand or foot control; order switch and hose separately

13611 Hand Switch – 10 ft

13612 Foot Switch – 10 ft

13797 In line hydraulic pressure inspection gage with male and female pioneer type coupler

A remote control switch is required to operate this unit. Use either a #13611 (hand) or #13612 (foot) switch.

Tool	Plier	Ratchet Ergonomic Hand Tools								Ratchet Hand Tool						12050 Die Numbers						11901A – 11904A 13500 Die Numbers																
		WT110M	WT111M	WT112M	WT1161M	WT2000	ERG4001	ERG4002	ERG2003	ERG4004	ERG4005	ERG4007	ERG4008	WT1377	WT129	WT145A	WT145C	WT1452	WT465	WT1255	WT2130A	12051	12052	12054	12055	12056	12057	12058	12059	12060	11951	11958	11959	11960	11964	11994	11995	
Nylon Terminal	RZZ RA, RAX RB, RBC, RC			•		•	•	•	•	•					•	•					•																	
Nylon/ Butt Splice	RA RB RC			•		•	•	•	•	•						•	•																			•	•	
Nylon/ Parallel Splices	RAA RBB RCC					•	•	•																														
Nylon Disconnect/ Fully Insul. Disconnects (except 110 Disconnects)	RA RB RC			•		•	•	•	•	•						•	•					•														•	•	
Heat Shrinkable Nylon Terminal, Butt Splice, Disconnects	RAS RBS RCS																	•	•																			
Vinyl Terminal, Splices	RA, RAA RB, RBB RC, RCC, RBC			•		•	•	•	•	•						•	•					•														•	•	
Bare Terminal, Splices	A, AA B, BB C, CC	•	•	•	•	•	•	•	•	•	•																•	•	•									
Wire Joints	RB RC RP PT			•		•	•	•														•													•	•		
Hi-Temp Terminals	NW-Rings NW-Splice													•	•																							
Insulation Grip	A B	•	•																																			
110 Disconnects	A, B RA, RB	•	•	•															•																			
Flag Terminal	AB C D, E, F, G												•	•	•																							
Fluor. Terminal	RAT, RBT, RCT			•																																		
Vinyl Disconnects	RA RB RC			•		•	•	•	•	•						•	•					•																•
Bare Disconnects	A B C	•	•	•	•	•	•	•	•	•	•																•	•										
Fluoropolymer Butt Splices	RAAT RBBT RCCT			•		•	•	•	•	•						•	•																					
Fluoropolymer	RD, RE												•																									
Self contained rotating die 8 AWG - 1/0 AWG													•																									

Sta-Kon®

Tool Charts

Description	Term.	Terminal	Hand Tool With Dies	25000 Air Tool TBM6 – Toggle Hand Tool TBM6S – Toggle Hand Tool Die Cat. Nos.		Hex Dies	13642M (MS25441-1) and 13400 Hydraulic Tool	
				Nest (Stationary)	Indenter (Movable)		Nest	Indenter
Non-Insulated Terminals and Splices	D	Tubular	ERG4005 WT3185	11803	11802	11781M* 11732	13651	13650**
		Brazed	WT3185			11733	13652	
	E	Tubular	WT3185	11805		11733 11782M*	13652	
		Brazed	WT3185			11734	13653	
	F	Tubular	WT3185	11806		11734 11783M*	13653	
		Brazed	WT3185			11735 11784M*/11736	13645	
	G	Tubular	WT3185	11807		11785M* 11737	13654	
	H	Tubular	WT3185	11808		11786M* 11738	13655	
	J	Tubular	WT3185	11809		11787M* 11739	13656	
	K	Tubular		11810		11788M* 11740	13657	
	L	Tubular		11811		11789M* 11771	13658	
	M	Tubular					13659	
	Fluoropolymer Nylon Insulated Terminals and Splices	RD	Tubular	ERG4007		11821 (Set)		
Brazed				11822 (Set)		21708M* (Set)		
RE		Tubular	ERG4007	11823 (Set)		21709M* (Set)		
		Brazed		11824 (Set)		21710M* (Set)		
RF		Tubular		11825 (Set)		21711M* (Set)		
RG		Tubular		11826 (Set)		21712M* (Set)		
RH		Tubular		11827 (Set)		21713M* (Set)		
RJ		Tubular		11828 (Set)		21714M* (Set)		
RK		Tubular		11829 (Set)		21715M* (Set)		
RL	Tubular							
RM	Tubular							
Non-Insulated Flag Terminals	D		WT129			21733	I N D E N T O R	21731
	E		WT129			21734		
	F		WT129			21735		
	G		WT129			21736		
	H					21737		
	J					21738		
	K					21739		
	L					21740		
M					21741			

* Indicates military listed die.

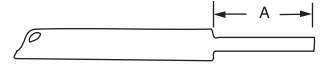
** To order the military version suffix the indenter catalogue number with an **M** (13650M). Nest catalogue number does not change.

Stud Size and Clearance Hole Chart

Stud Size	2	4	6	8	10	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Min. hole diam. – in.	0.92	.116	.143	.169	.196	.262	.323	.388	.453	.516	.650	.775
Min. hole diam. – mm.	2.337	2.946	3.632	4.292	4.978	6.655	8.204	9.855	11.506	13.106	16.510	19.685

Sta-Kon®

Wire Guide Tables



Wire Strip Length Chart

Wire Strip Length	Terminal Series	Recommend Wire Strip Length "A" Standard Terminals
Non-Insulated	A	1/4
	B	1/4
	C, BC	5/16
Vinyl Insulated – Add 1/16" for Funnel Entry Type	RA	1/4
	RB	1/4
	RC, RBC	11/32
Nylon Insulated and Fluoropolymer Insulated	RA	7/32
	RB	7/32
	RC, RBC	5/16
Nylon Insulated and Fluoropolymer Insulated when using Aircraft and Code Wire	RD	17/32
	RE	17/32
	RF	9/16
	RG	11/16
	RH	11/16
	RJ	3/4
	RK	7/8
	RL	7/8
	RM	1
Non-Insulated, when using Aircraft Code Wire	D	15/32
	E	15/32
	F	1/2
	G	41/64
	H	43/64
	J	47/64
	K	55/64
	L	55/64
	M	59/64

Sta-Kon®

Wire Guide Tables

AWG or AN	Navy Shipboard ²	Individual Strands		Whole Conductor		
		No.	diam.	cir.mil. area	diam.	diam. mm.
22 Wire Size						
22	3/5 (1)	1	.025	642	.025	.635
22	3/5 (7)	7	.010	703	.030	.762
AN-22*		7	*	704	.032	.813
	1/2 (21)	21	.005	525	.028	.711
20 Wire Size						
20	1 (1)	1	.032	1,022	.032	.813
20		7	.012	1,024	.036	.914
20		10	.010	1,005	.040	1.016
20		19	.007	1,022	.037	.940
20		26	.006	1,034	.039	.991
AN-20*		7	*	1,119	.040	1.016
	1 (7)	7	.013	1,119	.038	.965
	1 (10)	10	.010	1,005	.038	.965
	1 (26)	26	.006	1,034	.042	1.067
18 Wire Size						
18	1-1/2 (1)	1	.040	1,624	.040	1.016
18	1-1/2 (7)	7	.016	1,624	.049	1.245
18	1-1/2 (16)	16	.010	1,608	.049	1.245
18		19	.009	1,624	.046	1.168
18	1-1/2 (41)	41	.006	1,630	.049	1.245
AN-18*	2 (7)	7	.016	1,779	.048	1.219
16 Wire Size						
16	2-1/2 (1)	1	.051	2,583	.051	1.295
16		7	.019	2,583	.058	1.473
16		19	.012	2,601	.058	1.473
16		26	.010	2,613	.059	1.499
16		65	.006	2,580	.058	1.473
AN-16*	2-1/2 (19)	19	.011	2,407	.061	1.549
	2-1/2 (26)	26	.010	2,613	.061	1.549
14 Wire Size						
14		1	.064	4,107	.064	1.626
14		7	.024	4,107	.073	1.854
14		19	.015	4,107	.074	1.880
14		37	.011	4,107	.074	1.880
14		14	.009	4,157	.083	2.108
14		104	.006	4,128	.074	1.880
AN-14*		19	*	3,830	.076	1.930
	3 (7)	7	.020	2,828	.060	1.524
	3 (19)	19	.013	3,036	.063	1.600
	4 (1)	1	.064	4,107	.064	1.626
	4 (7)	7	.025	4,497	.076	1.930
	4 (19)	19	.014	3,828	.072	1.829
	4 (41)	41	.010	4,121	.077	1.956
12 Wire Size						
12		1	.081	6,530	.081	2.057
12		7	.031	6,530	.092	2.337
12		19	.019	6,530	.093	2.362
12		37	.013	6,530	.093	2.362
12		49	.012	6,593	.104	2.642
12		65	.010	6,533	.093	2.362
12		104	.008	6,574	.094	2.388
12		165	.006	6,559	.095	2.413
AN-12*	6 (19)	19	.018	6,088	.096	2.438
	6 (7)	7	.031	6,512	.092	2.337
	6 (65)	65	.010	6,533	.097	2.964
10 Wire Size						
10		1	.102	10,380	.102	2.591
10		7	.039	10,380	.116	2.946
10		19	.023	10,380	.117	2.972
10		37	.017	10,443	.117	2.972
10		49	.015	10,445	.131	2.327
10		104	.010	10,452	.116	2.946
AN-10*		37	*	10,380	.117	2.972
	9 (7)	7	.036	9,016	.108	2.743
	9 (37)	37	.016	9,402	.109	2.769
	9 (90)	90	.010	9,045	.120	3.048

* MIL-W-5086. 3 MIL-E-16366 A.

* Strand diameter not specified.

Sta-Kon®

Wire Guide Tables

AWG or AN	Navy Shipboard ³	Individual Strands		Whole Conductor		
		No.	diam.	cir.mil. area	diam.	diam. mm.
9 Wire Size						
9		7	.043	13,090	.130	3.302
	14 (7)	7	.045	14,340	.136	3.454
8 Wire Size						
8		7	.049	16,510	.146	3.712
8		19	.030	16,510	.148	3.763
8		37	.021	16,510	.148	3.763
7 Wire Size						
7		1	.144	20,820	.144	3.662
	14 (7)	7	.045	14,340	.136	3.454
	14 (140)	140	.010	14,070	.145	3.787
6 Wire Size						
6		7	.061	25,250	.184	4.672
6		19	.037	26,250	.186	4.722
6		37	.027	26,250	.186	4.722
6		49	.023	26,146	.208	5.283
6		661	.006	26,274	.259	6.579
5 Wire Size						
5		1	.181	33,100	.181	4.595
	20 (49)	7x7	.020	19,800	.180	4.570
	23 (7)	7	.057	22,800	.171	4.345
	23 (228)	19x12	.010	22,190	.190	4.830
	26 (49)	7x7	.023	26,250	.210	5.330
4 Wire Size						
4		7	.077	41,740	.232	5.891
4		19	.047	41,740	.235	5.967
4		37	.034	41,740	.235	5.967
3 Wire Size						
3		1	.229	52,630	.229	5.819
	30 (304)	19x16	.010	30,550	.220	5.590
	33 (336)	7x48	.010	33,370	.235	5.967
	40 (19)	19	.045	38,910	.226	5.742
	42 (49)	7x7	.029	41,740	.260	6.600
	42 (209)	19x11	.014	42,110	.260	6.600
	50 (19)	19	.051	49,080	.254	6.452
2 Wire Size						
2		7	.097	66,370	.292	7.421
2		19	.059	66,370	.296	7.522
2		37	.042	66,370	.297	7.548
2		49	.037	66,356	.331	8.405
2		133	.022	66,140	.335	8.507
AN-2*		663	*	66,832	.345	8.767
	53 (532)	19x28	.010	53,470	.304	7.772
	60 (37)	37	.040	60,090	.282	7.161
	60 (304)	19x16	.014	61,260	.310	7.870
	66 (133)	19x7	.022	66,370	.330	8.380
	75 (37)	37	.045	75,780	.317	8.048
1 Wire Size						
1		7	.109	83,690	.328	8.333
1		19	.066	83,690	.332	8.431
1		37	.048	83,690	.333	8.456
1		61	.037	83,690	.333	8.456
1		133	.025	83,690	.377	9.578
1		259	.018	83,916	.378	9.603
AN-1*		812	*	81,807	.384	9.752
	83 (418)	19x22	.014	84,230	.380	9.650
	84 (2107)	2107	*	83,690	.410	10.41

* MIL-W-5086.

* Strand diameter not specified.

3 MIL-E-16366 A

Sta-Kon®

Wire Guide Tables

AWG or AN	Navy Shipboard ³	Individual Strands		Whole Conductor		
		No.	diam.	cir.mil. area	diam.	diam. mm.
1/0 Wire Size						
1/0		7	.123	105,500	.368	9.343
1/0		19	.075	105,500	.373	9.476
1/0		37	.053	105,500	.374	9.502
1/0		61	.042	105,500	.374	9.502
1/0		133	.028	105,761	.423	10.721
1/0		259	.020	105,672	.424	10.772
AN-0*		1033	*	104,118	.432	10.971
	100 (61)	61	.040	99,060	.363	9.216
	105 (259)	37x7	*	105,500	.410	10.410
2/0 Wire Size						
	105 (2646)	2646	*	105,500	.460	11.680
2/0		7	.138	133,100	.414	10.512
2/0		19	.084	133,100	.419	10.639
2/0		37	.060	133,100	.420	10.670
2/0		61	.047	133,100	.420	10.670
2/0		133	.032	132,800	.474	12.042
2/0		259	.023	133,462	.477	12.118
AN-00*		1327	*	133,665	.490	12.450
	125 (61)	61	.045	124,900	.407	10.338
	133 (259)	37x7	*	133,100	.460	11.680
	133 (684)	19x36	.014	137,800	.480	12.190
	133 (3325)	3325	*	133,100	.520	13.210
	150 (61)	61	.051	157,600	.457	11.608
3/0 Wire Size						
3/0		7	.155	167,800	.464	11.782
3/0		19	.094	167,800	.470	11.940
3/0		37	.067	167,800	.471	11.965
3/0		61	.052	167,800	.472	11.991
3/0		133	.036	167,607	.533	13.536
3/0		259	.026	167,402	.536	13.612
3/0		4227	.006	168,023	.610	15.490
	150 (760)	19x40	.014	153,100	.510	12.950
	168 (427)	61x7	*	167,800	.520	13.210
4/0 Wire Size						
4/0		7	.174	211,600	.522	13.261
4/0		19	.106	211,600	.528	13.413
4/0		37	.076	211,600	.529	13.439
4/0		61	.059	211,600	.530	13.460
4/0		133	.040	211,736	.599	15.219
4/0		259	.029	211,845	.601	15.265
AN-000*		1661	*	167,332	.548	13.923
	200 (61)	61	.057	198,700	.514	13.652
	200 (988)	19x52	.014	199,100	.580	14.730
250 kcmil Wire Size						
250,000		19	.115	250,000	.574	14.582
250,000		37	.2	250,000	.575	14.607
250,000		61	.064	250,000	.576	14.632
250,000		91	.052	250,000	.576	14.632
AN-0000*		2104	*	211,954	.615	15.617
	220 (259)	37x7	.029	220,700	.610	15.490
	250 (61)	61	.064	250,000	.577	14.658

* MIL-W-5086.

* Strand diameter not specified.

3 MIL-E-16366 A.

Terminals Military Standard Cross Reference

MIL-T-7928 MS-25036	T&B Cat. No. Class 1&2	MIL-T-7928 MS-20659	T&B Cat. No. Class 1&2	MIL-T-7928 MS-17143	T&B Cat. No.
-101	RA333	-101	A85G	-1	RA480
-102	RA853	-102	A87G	-2	RB480
-103	RA873	-103	B85G	-3	RC480
-104	RA723	-104	B87G	-4	RA481
-105	RA733	-105	C26	-5	RB481
-106	RB1333	-106	C70	-6	RC481
-107	RB853	-107	D10361	-7	RA482
-108	RB873	-108	D10721	-8	RB482
-109	RB723	-109	E10711	-9	RC482
-110	RB733	-110	E10731	-10	RA483
-111	RC333	-111	F10711	-11	RB483
-112	RC363	-112	F10731	-12	RC483
-113	RC703	-113	G971	-13	RA484
-114	RC733	-114	G973	-14	RB484
-115	RD10361	-115	H971	-15	RC484
-116	RD10711	-116	H973	-16	RA485
-117	RD10721	-117	J971	-17	RB485
-118	RD10731	-118	J973	-19	RA486
-119	RE10261	-119	K972	-20	RB486
-120	RE10711	-120	K973		
-121	RE10721	-121	L973		
-122	RE10731	-122	L975	MIL-T-7928	T&B
-123	RF10711	-123	M973	MS-21004	Cat. No.
-124	RF10721	-124	M975	-1	A486
-125	RF10731	-128	C73	-2	A483
-126	RG9711	-129	D10731	-3	A482
-127	RG9731	-130	E10261	-4	A481
-128	RG9751	-131	E10721	-5	A485
-129	RH9711	-132	F10721	-6	A484
-130	RH9731	-133	G975	-7	A480
-131	RH9751	-134	H975	-8	B486
-132	RJ9711	-135	J975	-9	B483
-133	RJ9731	-136	K975	-10	B482
-135	RK9721	-140	D10161	-11	B481
-136	RK9731	-141	D10711	-12	B485
-137	RK9751	-144	F10261	-13	B484
-138	RL9731	-146	G926	-14	B480
-139	RL9751	-147	G972	-15	C486
-140	RM9731	-148	G974	-16	C483
-141	RM9751	-149	H972	-17	C482
-142		-151	J972	-18	C481
-143	RAX23	-152	J974	-19	C485
-144	RAX43	-153	K971	-20	C484
-145	RAX63	-154	K974	-21	C480
-146	RAX83	-155	L972		
-147	RAX103	-156	L974		
-148	RA323	-157	M972	MIL-T-22909	T&B
-149	RA863	-158	M974	-MS-23002	Cat. No.
-150	RA713	-165	C33	-8	21707M
-151	RA753	-166	C75	-6	21708M
-152	RB1323			-4	21709M
-153	RB863	MIL-T-22909	T&B	-2	21710M
-154	RB713	MS-90485	Cat. No.	-1	21711M
-155	RB753	-8	11781M	-01	21712M
-156	RC863	-6	11782M	-02	21713M
-157	RC713	-4	11783M	-03	21714M
-158	RC753	-2	11784M	-04	21715M
		-1	11785M		
		-01	11786M		
		-02	11787M		
		-03	11788M		
		-04	11789M		

Cross Reference for Packaging

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T&B Distributor Package	T&B Bulk Package	T&B Distributor Package	T&B Bulk Package	T&B Distributor Package	T&B Bulk Package
A18-6	A85	C10-14	C71	RB14-8	RB863
A18-6F	A116	C10-14F	C116-TB	RB14-8F	RB1123
A18-6FL	A221	C10-38	C73	RB14-8FL	RB2233
A18-8	A86	C10-250A	C252G	RB14-8FS	RB1223
A18-8F	A114	C10-250F	C250	RB14-8X	RB864
A18-8FL	A224	C10-516	C70	RB14-10	RB873
A18-10	A87	D8-10	D36	RB14-10F	RB1153
A18-10F	A115	D8-12	D75	RB14-10FL	RB2253
A18-10FL	A225	D8-14-SK	D71	RB14-10FS	RB1253
A18-12	A75	D8-38	D73	RB14-10X	RB874
A18-14	A71	D8-516	D72	RB14-12	RB753
A18-38	A73	E6-10	E26	RB14-14	RB713
A18-110F	A10-TB	E6-12	E75	RB14-14F	RB1163
A18-111F	A11	E6-14	E71	RB14-14X	RB714
A18-250	A250-TB	E6-38	E73	RB14-38	RB733
A18-250A	A252G	E6-516	E72	RB14-38X	RB734
A18-251T	A251	F4-10	F26	RB14-47PT	RB147PT
A18-516	A72	F4-12	F75	RB14-110F	RB10-SK
AB14-6A	AB51	F4-14	F71	RB14-111F	RB11-TB
AB14-8A	AB52	F4-38	F73	RB14-250	RB250
AB14-10A	AB53	F4-516	F72	RB14-250A	RB2577F
AD18-182	AD182	F250TA	FTA250	RB14-250F	RB250
AD18-183	AD183	G2-12	G975	RB14-250FP	RB250P
B14-D	B23	G2-14	G971	RB14-516	RB723
B14-4	B132	G2-38	G973	RB14-516X	RB724
B14-6	B133	G2-516	G972	RB44	RB4-TB
B14-6F	B64	H10-14	H971	RBC14-14	RBC713
B14-6FL	B220	J20-38	J973	RBC14-516	RBC723
B14-6FS	B19	K30-38	K973	RBD14-182	RBD1823
B14-8	B86	L40-38	L973	RBD14-183	RBD1833
B14-8F	B65	M250-38	M973	RC10-6	RC333
B14-8FL	B223	NW14-6	NW81	RC10-6F	RC1113
B14-10	B87	NW14-10	NW83	RC10-6FL	RC2203
B14-10F	B115	NW14-12	NW84	RC10-8	RC863
B14-10FL	B225	NW22-10	NW23	RC10-8F	RC1123
B14-10G	B87G	RA18D	RA23	RC10-8FL	RC2213
B14-12	B75TB	RA18-4	RA323	RC10-8FS	RC1223
B14-14	B71	RA18-6	RA853	RC10-8X	RC864
B14-38	B73	RA18-6F	RA1103	RC10-10	RC363
B14-110F	B10TB	RA18-6FL	RA2213	RC10-10F	RC1153
B14-111F	B11-TB	RA18-6FS	RA1203	RC10-10FL	RC2223
B14-250	B250	RA18-8	RA863	RC10-10FS	RC1253
B14-250A	B252G	RA18-8F	RA1123	RC10-10X	RC364
B14-250F	B250G	RA18-8FL	RA2243	RC10-12	RC753
B14-250T	B251G	RA18-8FS	RA1223	RC10-14	RC713
B14-251T	B251	RA18-10	RA873	RC10-14F	RC1163
B14-516	B72	RA18-10F	RA1153	RC10-14FL	RC2233
BC14-6	BC85	RA18-10FL	RA2253	RC10-14X	RC714
BC14-8	BC86	RA18-10FS	RA1253	RC10-38	RC733
BC14-10	BC87	RA18-12	RA753	RC10-38X	RC734
BC14-12	BC75	RA18-14	RA713	RC10-55PT	RC155PT
BC14-14	BC71	RA18-14F	RA1163	RC10-250A	RC2577F
BC14-38	BC79	RA18-38	RA733	RC10-250F	RC250
BC14-516	BC72	RA18-47PT	RA147PT	RC10-516	RC703
BD14-183	BD183	RA18-110F	RA10SK	RC55	RC6
C10-6-SK	C33	RA18-111F	RA11	RD8-10	RD367
C10-6A	C51	RA18-250A	RA2577F	RD8-12	RD757
C10-6F	C133	RA18-250F	RA250L	RD8-14	RD717
C10-6FL	C220-TB	RA18-250FP	RA250P	RD8-38	RD737
C10-8-SK	C77	RA18-516	RA723	RD8-516	RD727
C10-8A	C52	RAD18-182	RAD1823	RE6-10	RE267
C10-8F	C114	RAD18-183	RAD1833	RE6-12	RE757
C10-8FL	C221	RB14-4	RB1323	RE6-14	RE717
C10-10	C26	RB14-6	RB853	RE6-38	RE737
C10-10A	C53	RB14-6F	RB1113	RE6-516	RE727
C10-10F	C115	RB14-6FL	RB2213	RF4-10	RF267
C10-10FL	C222-TB	RB14-6FS	RB1203	RF4-12	RF757
C10-12	C75	RB14-6X	RB854	RF4-14	RF717

Cross Reference for Packaging

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T&B Distributor Package	T&B Bulk Package	T&B Distributor Package	T&B Bulk Package
RF4-38	RF737	14RB-6F	RB647
RF4-516	RF727	14RB-6FL	RB2207
RG2-10	RG267	14RB-6FLX	RB2207-200
RG2-12	RG757	14RB-6FX	RB647-200
RG2-14	RG717	14RB-6X	RB857-200
RG2-38	RG737	14RB-8	RB867
RG2-516	RG727	14RB-8F	RB657
RP12	RP7	14RB-8FL	RB2237
2A-18	AA2	14RB-8FLX	RB2237-200
2A20	RAA24	14RB-8FX	RB657-200
2A22-20	A1A	14RB-8X	RB867-200
2B-14	BB2	14RB-10	RB877
2B-16	RBB25	14RB-10F	RB1157
2B18-16	B1B	14RB-10FL	RB2257
2C-10	CC2-TB	14RB-10FLX	RB2257-200
2C-12	RCC26	14RB-10FX	RB1157-200
2C14-12	C1C	14RB-10X	RB877-200
2D-8	DD102	14RB-14	RB717
2D10-9	D1D	14RB-14X	RB717-200
2E-6	EE2	14RB-38	RB737
2E8-7	E1E	14RB-47PT	RB47PT
2F-4	FF2	14RB-250F	RB257
2F6-5	F1F	14RB-250T	RB2517
2G21	GG2	14RB-251T	RB25177
2G4-2	G1G	14RB-516	RB727
2RAA	RAA23	14RB-2577	RB2573
2RA18	RAA21	14RBC-6	RBC857
2RA18X	RAA217-170	14RBC-8	RBC867
2RBB	RBB23	14RBC-10	RBC877
2RB14	RBB21	14RBC-14	RBC717
2RB14X	RBB217-200	14RBC-516	RBC727
2RCC	RCC23	14RBC-38	RBC797
2RC10	RCC21	14RBC-12	RBC757
2RC10X	RCC217-250	14RBD-182	RBD1827
2RD8	RDD27	14RBD-183	RBD1837
2RE6	REE28	14RBD-18277	RBD18277
10RC-6	RC337	14RBD-18377	RBD18377
10RC-6F	RC1337	18RA-4	RA77
10RC-6FL	RC2207	18RA-6	RA857
10RC-6FLX	RC2207-250	18RA-6F	RA1167
10RC-6X	RC337-250	18RA-6FL	RA2217
10RC-8	RC777	18RA-6FLX	RA2217-170
10RC-8F	RC1147	18RA-6FX	RA1167-170
10RC-8FL	RC2217	18RA-6X	RA857-170
10RC-8FLX	RC2217-250	18RA-8	RA867
10RC-8X	RC777-250	18RA-8F	RA1147
10RC-10	RC367	18RA-8FL	RA2247
10RC-10F	RC1157	18RA-8FX	RA1147-170
10RC-10FL	RC2227	18RA-8X	RA867-170
10RC-10FLX	RC2227-250	18RA-10	RA877
10RC-10FX	RC1157-250	18RA-10F	RA1157
10RC-10X	RC367-250	18RA-10FL	RA2257
10RC-14	RC717	18RA-10FLX	RA2257-170
10RC-14F	RC1167	18RA-14	RA717
10RC-14FL	RC2237	18RA-38	RA737
10RC-14X	RC717-250	18RA-47PT	RA47PT
10RC-38	RC737	18RA-250F	RA257
10RC-38X	RC737-250	18RA-250T	RA2517
10RC-55PT	RC55PT	18RA-251T	RA25177
10RC-250F	RC257	18RA-516	RA727
10RC-250T	RC2517	18RA-516X	RA727-170
10RC-251T	RC25177	18RA-2577	RA2573
10RC-516	RC707	18RAD-182	RAD1827
10RC-2577	RC2573	18RAD-183	RAD1837
14RB-4	RB1327	18RAD-18277	RAD18277
14RB-6	RB857	18RAD-18377	RAD18377

Cross Reference for Packaging

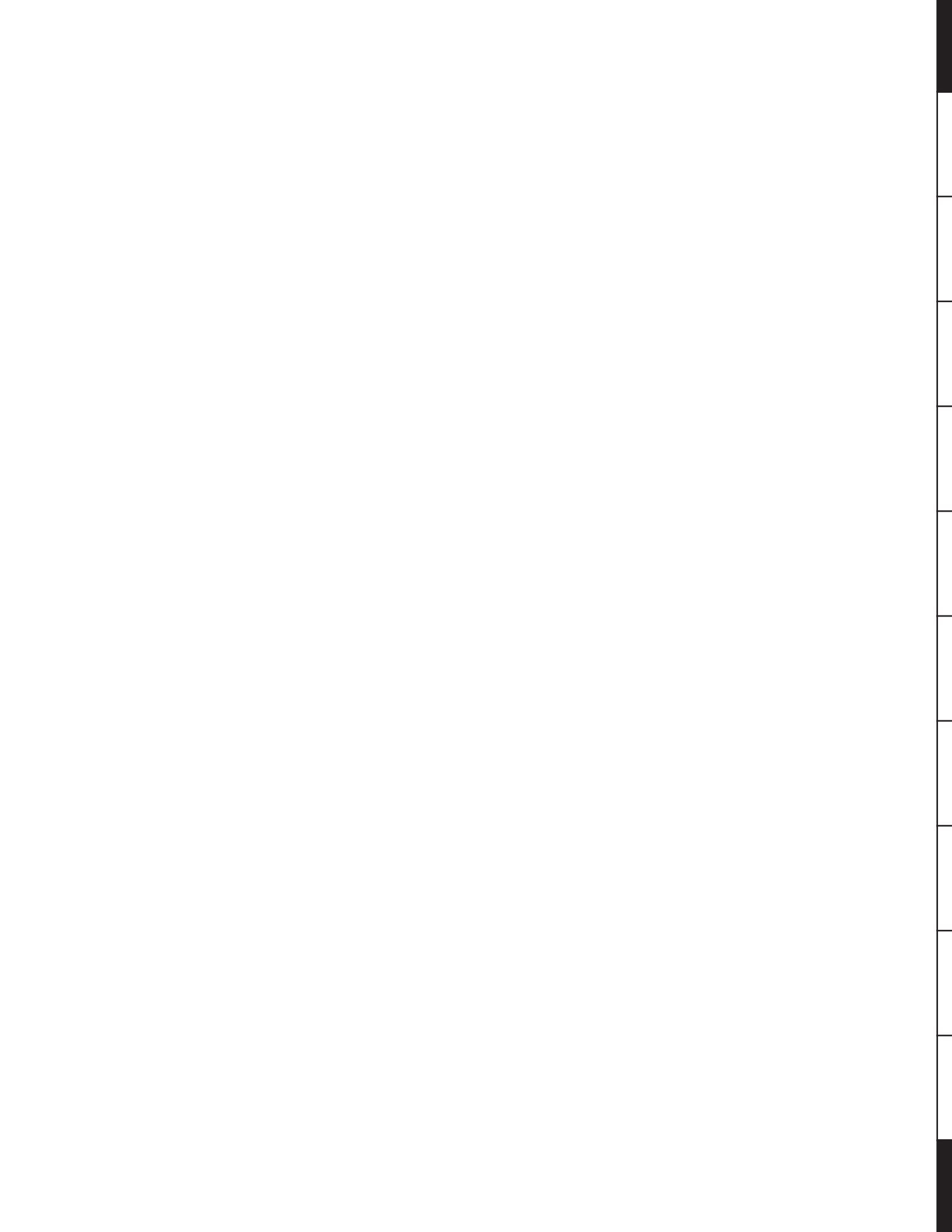
Note: All catalogue numbers do not appear in this cross reference. This means it may not be available in one of the package options.

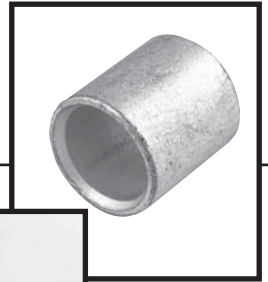
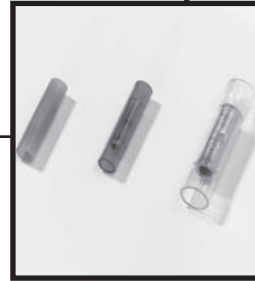
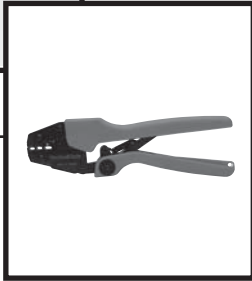
T&B Bulk Package	T&B Distributor Package	T&B Bulk Package	T&B Distributor Package	T&B Bulk Package	T&B Distributor Package
A10-TB	A18-110F	C115	C1010F	RA867-170	18RA-8X
A11	A18-111F	C116-TB	C10-14F	RA873	RA18-10
A115	A18-10F	C133	C10-6F	RA877	18RA-10
A71	A18-14	C220-TB	C10-6FL	RA877-170	18RA-10X
A71F	A18-14F	C221	C10-8FL	RA1103	RA18-6F
A75	A18-12	C222-TB	C10-10FL	RA1123	RA18-8F
A85	A18-6	C250	C10-250F	RA1147	18RA-8F
A86	A18-8	C252G	C10-250A	RA1147-170	18RA-8FX
A87	A18-10	C1C	2C14-12	RA1153	RA18-10F
A114	A18-8F	CC2-TB	2C10	RA1157	18RA-10F
A115	A18-10F	D36	D8-10	RA1163	RA18-14F
A116	A18-6F	D71	D8-14-SK	RA1167	18RA-6F
A221	A18-6FL	D72	D8-516	RA1167-170	18RA-6FX
A224	A18-8FL	D73	D8-38	RA1203	RA18-6FS
A225	A18-10FL	D75	D8-12	RA1223	RA18-8FS
A250-TB	A18-250	D1D	2D10-9	RA1253	RA18-10FS
A251	A18-251T	DD102	2D8	RA2213	RA18-6FL
A252G	A18-250A	E26	E6-10	RA2217	18RA-6FL
A1A	2A22-20	E71	E6-14	RA2217-170	18RA-6FLX
AA2	2A18	E72	E6-516	RA2243	RA18-8FL
AB51	AB14-6A	E73	E6-38	RA2247	18RA-8FL
AB52	AB14-8A	E75	E6-12	RA2253	RA18-10FL
AB53	AB14-10A	E1E	2E8-7	RA2257	18RA-10FL
AD182	AD18-182	EE2	2E6	RA2257-170	18RA-10FLX
AD183	AD18-183	F26	F4-10	RA2517	18RA-250T
B10TB	B14-110F	F71	F4-14	RA2573	18RA-2577
B11-TB	B14-111F	F72	F4-516	RA2577F	RA18-250A
B23	B14-D	F73	F4-38	RA25177	18RA-251T
B64	B14-6F	F75	F4-12	RAA21	2RA18
B65	B14-8F	F1F	2F6-5	RAA23	2RAA
B71	B14-14	FF2	2F4	RAA24	2A20
B72	B14-516	FTA250	F250-TA	RAA217-170	2RA18X
B73	B14-38	G971	G2-14	RAD1823	RAD18-182
B75TB	B14-12	G972	G2-516	RAD1827	18RAD-182
B133	B14-6	G973	G2-38	RAD1833	RAD18-183
B86	B14-8	G975	G2-12	RAD1837	18RAD-183
B87	B14-10	G1G	2G4-2	RAD1887F	RAD18-188A
B87G	B14-10G	GG2	2G21	RAD18277	18RAD18277
B115	B14-10F	H971	H10-14	RAD18377	18RAD18377
B132	B14-4	J973	J20-38	RB4-TB	RB44
B220	B14-6FL	K973	K30-38	RB10-TB	RB14-110F
B223	B14-8FL	L973	L40-38	RB11-TB	RB14-111F
B225	B14-10FL	M973	M250-38	RB23	RB14-D
B250	B14-250	NW23	NW22-10	RB47PT	14RB-47PT
B250G	B14-250F	NW83	NW14-10	RB197	14RB-6FS
B251	B14-251T	NW84	NW14-12	RB147PT	RB14-47PT
B251G	B14-250T	RA10SK	RA18-110F	RB250	RB14-250F
B252G	B14-250A	RA11	RA18-111F	RB250P	RB14-250FP
B1B	2B18-16	RA23	RA18-D	RB257	14RB-250F
BB2	2B14	RA47PT	18RA-47PT	RB647	14RB-6F
BC71	BC14-14	RA77	18RA-4	RB647-200	14RB-6FX
BC72	BC14-516	RA147PT	RA18-47PT	RB657	14RB-8F
BC75	BC14-12	RA250L	RA18-250F	RB657-200	14RB-8FX
BC79	BC14-38	RA250P	RA18-250FP	RB713	RB14-14
BC85	BC14-6	RA257	18RA-250F	RB714	RB14-14X
BC86	BC14-8	RA323	RA18-4	RB717	14RB-14
BC87	BC14-10	RA713	RA18-14	RB717-200	14RB-14X
BD183	BD14-183	RA717	18RA-14	RB723	RB14-516
C26	C10-10	RA723	RA18-516	RB724	RB14-516X
C33	C10-6-SK	RA727	18RA-516	RB727	14RB-516
C52	C10-8A	RA733	RA18-38	RB733	RB14-38
C53	C10-10	RA737	18RA-38	RB734	RB14-38X
AC70	C10-516	RA753	RA18-12	RB737	14RB-38
C71	C10-14	RA853	RA18-6	RB753	RB14-12
C73	C10-38	RA857	18RA-6	RB853	RB14-6
C75	C10-12	RA857-170	18RA-6X	RB854	RB14-6X
C77	C10-8-SK	RA863	RA18-8	RB857	14RB-6
C114	C10-8F	RA867	18RA-8	RB857-200	14RB-6X

Cross Reference for Packaging

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T&B Bulk Package	T&B Distributor Package	T&B Bulk Package	T&B Distributor Package
RB863	RB14-8	RC713	RC10-14
RB864	RB14-8X	RC714	RC10-14X
RB867	14RB-8	RC717	10RC-14
RB867-200	14RB-8X	RC717-250	10RC-14X
RB873	RB14-10	RC733	RC10-38
RB874	RB14-10X	RC734	RC10-38X
RB877	14RB-10	RC737	10RC-38
RB877-200	14RB-10X	RC737-250	10RC-38X
RB1113	RB14-6F	RC753	RC10-12
RB1123	RB14-8F	RC777	10RC-8
RB1153	RB14-10F	RC777-250	10RC-8X
RB1157	14RB-10F	RC863	RC10-8
RB1157-200	14RB-10FX	RC864	RC10-8X
RB1163	RB14-14F	RC1113	RC10-6F
RB1203	RB14-6FS	RC1123	RC10-8F
RB1223	RB14-8FS	RC1147	10RC-8F
RB1253	RB14-10FS	RC1153	RC10-10F
RB1323	RB14-4	RC1157	10RC-10F
RB1327	14RB-4	RC1157-250	10RC-10FX
RB2207	14RB-6FL	RC1163	RC10-14F
RB2207-200	14RB-6FLX	RC1223	RC10-8FS
RB2213	RB14-6FL	RC1253	RC10-10FS
RB2233	RB14-8FL	RC1337	10RC-6F
RB2237	14RB-8FL	RC2203	RC10-6FL
RB2237-200	14RB-8FLX	RC2207	10RC-6FL
RB2253	RB14-10FL	RC2207-250	10RC-6FLX
RB2257	14RB-10FL	RC2213	RC10-8FL
RB2257-200	14RB-10FLX	RC2217	10RC-8FL
RB2517	14RB-250T	RC2217-250	10RC-8FLX
RB2573	14RB-2577	RC2223	RC10-10FL
RB2577F	RB14-250A	RC2227	10RC-10FL
RB25177	14RB-251T	RC2227-250	10RC-10FLX
RBB21	2RB14	RC2233	RC10-14FL
RBB23	2RBB	RC2237	10RC-14FL
RBB25	2B16	RC2517	10RC-250T
RBB217-200	2RB14X	RC2573	10RC-2577
RBB250	RB14-250	RC2577F	RC10-250A
RBC713	RBC14-14	RC25177	10RC-251T
RBC717	14RBC-14	RCC21	2RC10
RBC723	RBC14-516	RCC23	2RCC
RBC727	14RBC-516	RCC26	2C12
RBC757	14RBC-12	RCC217-250	2RC10X
RBC797	14RBC-38	RD367	RD8-10
RBC857	14RBC-6	RD717	RD8-14
RBC867	14RBC-8	RD727	RD8-516
RBC877	14RBC-10	RD737	RD8-38
RBD1823	RBD14-182	RD757	RD8-12
RBD1827	14RBD-182	RDD27	2RD8
RBD1833	RBD14-183	RE267	RE6-10
RBD1837	14RBD-183	RE717	RE6-14
RBD18277	14RBD-18277	RE727	RE6-516
RBD18377	14RBD-18377	RE737	RE6-38
RC6	RC55	RE757	RE6-12
RC55PT	10RC-55PT	REE28	2RE6
RC155PT	RC10-55PT	RF267	RF4-10
RC250	RC10-250F	RF717	RF4-14
RC257	10RC-250F	RF727	RF4-516
RC333	RC10-6	RF737	RF4-38
RC337	10RC-6	RFF29	2RF4
RC337-250	10RC-6X	RG267	RG2-10
RC363	RC10-10	RG717	RG2-14
RC364	RC10-10X	RG727	RG2-516
RC367	10RC-10	RG737	RG2-38
RC367-250	10RC-10X	RG757	RG2-12
RC703	RC10-516	RP7	RP12
RC707	10RC-516		

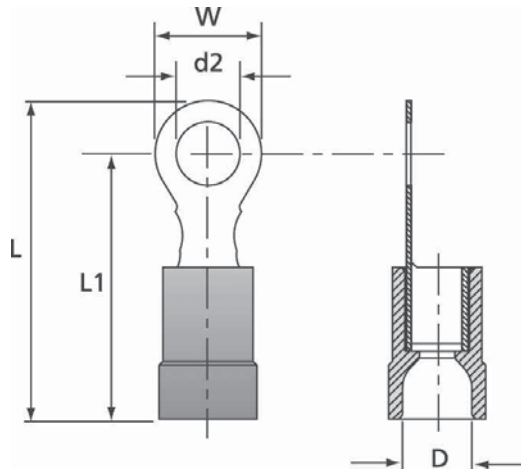
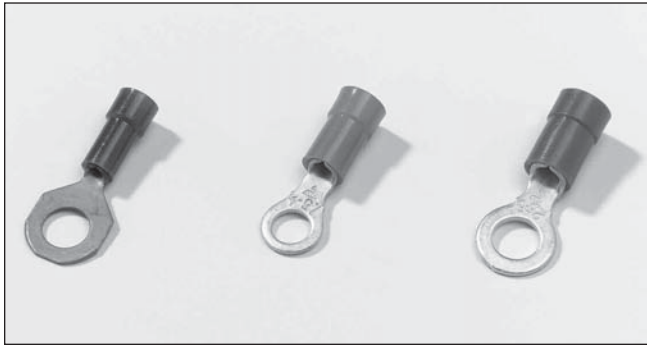




Sta-Kon[®]

METRIC CONNECTORS

Thomas & Betts

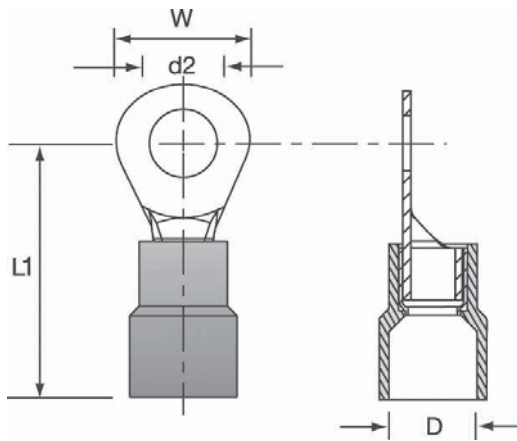
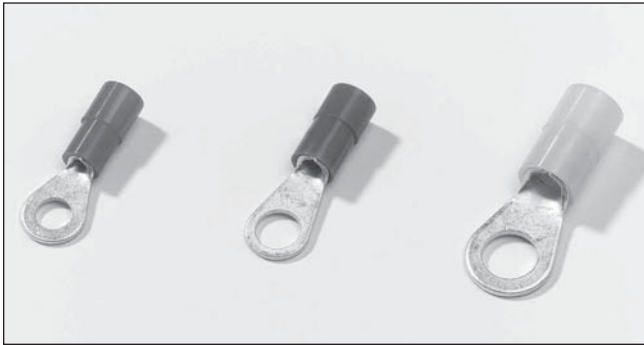


Technical Information

Material	Electrolytic copper
Plating	Tin plated
Marking	Wire size and bolt size stamped on the tongue
Metal barrel	Brazed seam to prevent barrel separation
Insulation	PC = Polycarbonate
Temperature resistance	+115°C / +125°C
Colour coding of the insulation	According to the wire size
Cable insertion	Easy entry

Ordering Information

Cat. No.	Wire Size Range (mm ²)	Colour	Stud Hole Size d2	Dimensions				Wt. (g/100)	Qty. (pieces)	Crimping Tool
				W (mm)	L (mm)	D (mm)	L1 (mm)			
RZ3	0.25 - 0.75	Green	M3	5.5	18.0	3.2	15.0	36	100	ERG2510
RZ4	0.25 - 0.75	Green	M4	7.5	21.0	3.2	17.5	45	100	
RZ5	0.25 - 0.75	Green	M5	9.0	22.0	3.2	17.5	51	100	
RA3RR	0.5 - 1.5	Red	M3	5.5	19.0	4.0	16.0	60	100	ERG2001A WT2124Y
RA4RR	0.5 - 1.5	Red	M4	7.0	20.5	4.0	17.0	71	100	
RA5RR	0.5 - 1.5	Red	M5	9.0	22.5	4.0	18.0	79	100	
RA6RR	0.5 - 1.5	Red	M6	11.0	26.5	4.0	21.0	96	100	
RB3	1.5 - 2.5	Blue	M3	5.5	19.0	4.5	16.0	75	100	
RB4-EU	1.5 - 2.5	Blue	M4	7.0	20.5	4.5	17.0	92	100	
RB5	1.5 - 2.5	Blue	M5	9.0	22.5	4.5	18.0	96	100	ERG2001A WT2124Y
RB6	1.5 - 2.5	Blue	M6	11.0	26.5	4.5	21.0	117	100	
RB8	1.5 - 2.5	Blue	M8	14.0	27.5	4.5	21.0	141	100	
RC4	4.0 - 6.0	Yellow	M4	8.0	24.0	6.4	20.5	158	100	
RC5	4.0 - 6.0	Yellow	M5	9.0	25.0	6.4	20.5	166	100	
RC6-EU	4.0 - 6.0	Yellow	M6	11.0	28.5	6.4	23.0	179	100	
RC8	4.0 - 6.0	Yellow	M8	14.0	31.0	6.4	24.0	220	100	
RC10E	4.0 - 6.0	Yellow	M10	17.0	34.0	6.4	25.5	245	100	

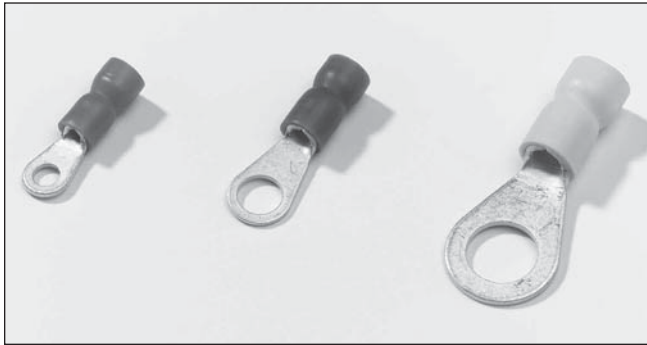


Technical Information

Material	Copper
Plating	Tin plated
Marking	Wire size and bolt size stamped on the tongue
Metal barrel	Brazed seam to prevent barrel separation
Insulation	PA = Polyamide Ideal for harsh environments, provides excellent chemical, impact and abrasion resistance
Temperature resistance	+85°C / +105°C
Colour coding of the insulation	According to the wire size

Ordering Information

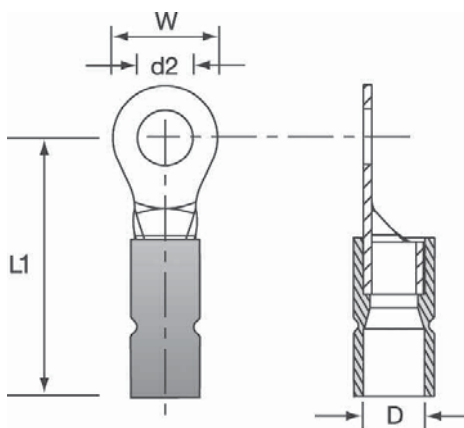
Cat. No.	Wire Size Range (mm ²)	Colour	Stud Hole Size d2	Dimensions			Wt. (g/100)	Qty. (pieces)	Crimping Tool
				W (mm)	L1 (mm)	D (mm)			
TRA3	0.5 - 1.5	Red	M3	5.5	17.5	4.0	70	100	
TRA35	0.5 - 1.5	Red	M3.5	6.6	20.4	4.0	67	100	
TRA4	0.5 - 1.5	Red	M4	8.0	21.8	4.0	76	100	
TRA5	0.5 - 1.5	Red	M5	8.0	21.8	4.0	79	100	
TRA6	0.5 - 1.5	Red	M6	11.6	27.5	4.0	108	100	
TRA8	0.5 - 1.5	Red	M8	11.6	27.5	4.0	134	100	
TRB3	1.5 - 2.5	Blue	M3	6.0	20.6	4.5	79	100	
TRB35	1.5 - 2.5	Blue	M3.5	8.5	23.0	4.5	76	100	
TRB4	1.5 - 2.5	Blue	M4	8.5	23.0	4.5	79	100	
TRB5	1.5 - 2.5	Blue	M5	9.5	22.9	4.5	89	100	ERG2001A
TRB6	1.5 - 2.5	Blue	M6	12.0	28.0	4.5	117	100	WT2124Y
TRB8	1.5 - 2.5	Blue	M8	12.0	28.0	4.5	148	100	
TRB10	1.5 - 2.5	Blue	M10	13.6	31.7	4.5	204	100	
TRC4-EU	4.0 - 6.0	Yellow	M4	7.4	26.7	6.4	158	100	
TRC5-EU	4.0 - 6.0	Yellow	M5	9.5	26.7	6.4	175	100	
TRC6-EU	4.0 - 6.0	Yellow	M6	12.0	32.7	6.4	187	100	
TRC8	4.0 - 6.0	Yellow	M8	15.0	34.9	6.4	230	100	
TRC10	4.0 - 6.0	Yellow	M10	15.0	34.9	6.4	296	100	



Technical Information

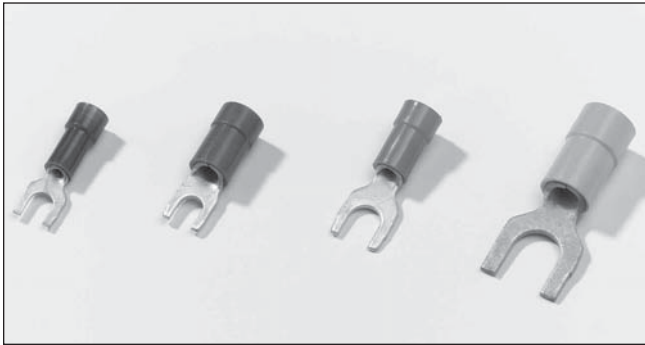
Material	Copper
Plating	Tin plated
Marking	Wire size and bolt size stamped on the tongue
Metal barrel	Brazed seam to prevent barrel separation
Insulation	PVC = Polyvinylchloride (Vinyl). Ideal for harsh environments, provides excellent chemical, impact and abrasion resistance
	+75°C 600 Volts max
	According to the wire size

Max. electrical rating
Colour coding of the insulation



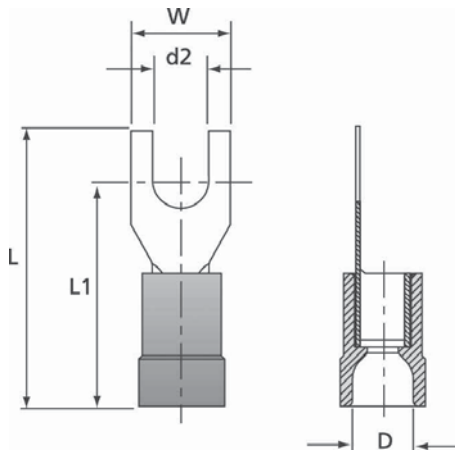
Ordering Information

Cat. No.	Wire Size Range (mm ²)	Colour	Stud Hole Size d2	Dimensions			Wt. (g/100)	Qty. (pieces)	Crimping Tool
				W (mm)	L1 (mm)	D (mm)			
VB-3RR	0.5 - 1.5	Red	M3	6.0	17.2	4.0	68	100	ERG2001A WT2124Y
VB-35RR	0.5 - 1.5	Red	M3.5	6.0	17.2	4.0	69	100	
VB-4RR	0.5 - 1.5	Red	M4	8.0	18.2	4.0	73	100	
VB-5RR	0.5 - 1.5	Red	M5	10.0	19.2	4.0	92	100	
VB-6RR	0.5 - 1.5	Red	M6	10.0	19.2	4.0	87	100	
VB-8RR	0.5 - 1.5	Red	M8	14.0	23.2	4.0	139	100	
VB-10RR	0.5 - 1.5	Red	M10	14.0	23.2	4.0	100	100	
VB-3BR	1.5 - 2.5	Blue	M3	6.0	17.5	4.5	80	100	
VB-35BR	1.5 - 2.5	Blue	M3.5	6.0	17.5	4.5	94	100	
VB-4BR	1.5 - 2.5	Blue	M4	8.0	18.5	4.5	83	100	
VB-5BR	1.5 - 2.5	Blue	M5	10.0	20.5	4.5	110	100	
VB-6BR	1.5 - 2.5	Blue	M6	11.0	22.5	4.5	122	100	
VB-8BR	1.5 - 2.5	Blue	M8	14.0	23.5	4.5	146	100	
VB-10BR	1.5 - 2.5	Blue	M10	15.0	23.5	4.5	204	100	
VB-4YR	4.0 - 6.0	Yellow	M4	8.0	22.1	6.3	167	100	
VB-5YR	4.0 - 6.0	Yellow	M5	10.0	23.1	6.3	196	100	
VB-6YR	4.0 - 6.0	Yellow	M6	11.0	24.1	6.3	195	100	
VB-8YR	4.0 - 6.0	Yellow	M8	14.0	27.1	6.3	250	100	
VB-10YR	4.0 - 6.0	Yellow	M10	18.0	29.1	6.3	305	100	



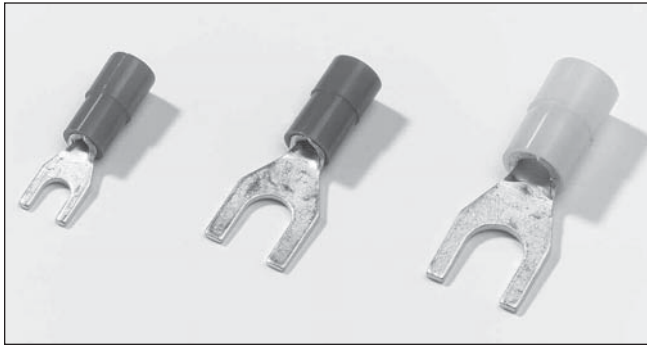
Technical Information

Material	Electrolytic copper
Plating	Tin plated
Marking	Wire size and bolt size stamped on the tongue
Metal barrel	Brazed seam to prevent barrel separation
Insulation	PC = Polycarbonate
Temperature resistance	+115°C / +125°C
Colour coding of the insulation	According to the wire size
Cable insertion	Easy entry



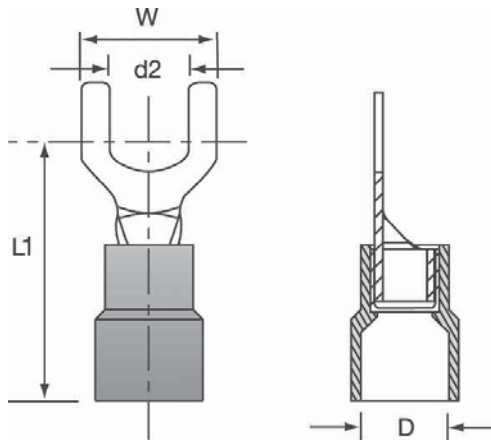
Ordering Information

Cat. No.	Wire Size Range (mm ²)	Colour	Stud Hole Size d2	Dimensions				Wt. (g/100)	Qty. (pieces)	Crimping Tool
				W (mm)	L (mm)	D (mm)	L1 (mm)			
RZ3F	0.25 - 0.75	Green	M3	5.5	18.0	3.2	15.0	41	100	ERG2510
RZ4F	0.25 - 0.75	Green	M4	7.5	21.0	3.2	17.5	41	100	
RA35F	0.5 - 1.5	Red	M3.5	5.5	21.0	4.0	17.5	62	100	
RA4F	0.5 - 1.5	Red	M4	7.0	20.5	4.0	17.0	64	100	
RA5F	0.5 - 1.5	Red	M5	9.0	22.5	4.0	18.0	75	100	
RA6F	0.5 - 1.5	Red	M6	11.0	26.5	4.0	21.0	90	100	
RB3F	1.5 - 2.5	Blue	M3	5.5	19.0	4.5	16.0	72	100	ERG2001A WT2124Y
RB4F	1.5 - 2.5	Blue	M4	7.0	20.5	4.5	17.0	84	100	
RB5F	1.5 - 2.5	Blue	M5	9.0	22.5	4.5	18.0	96	100	
RB6F	1.5 - 2.5	Blue	M6	11.0	26.5	4.5	21.0	113	100	
RC4F	4.0 - 6.0	Yellow	M4	8.0	24.0	6.4	20.5	159	100	
RC5F	4.0 - 6.0	Yellow	M5	9.0	25.0	6.4	20.5	161	100	
RC6F	4.0 - 6.0	Yellow	M6	11.0	28.5	6.4	23.0	174	100	
RC8F	4.0 - 6.0	Yellow	M8	14.0	31.0	6.4	24.0	207	100	
RC10F	4.0 - 6.0	Yellow	M10	18.0	36.0	6.4	27.0	280	100	



Technical Information

Material	Copper
Plating	Tin plated
Marking	Wire size and bolt size stamped on the tongue
Metal barrel	Brazed seam to prevent barrel separation
Insulation	PA = Polyamide Ideal for harsh environments, provides excellent chemical, impact and abrasion resistance
Temperature resistance	+85°C / +105°C
Colour coding of the insulation	According to the wire size
Cable insertion	Easy entry

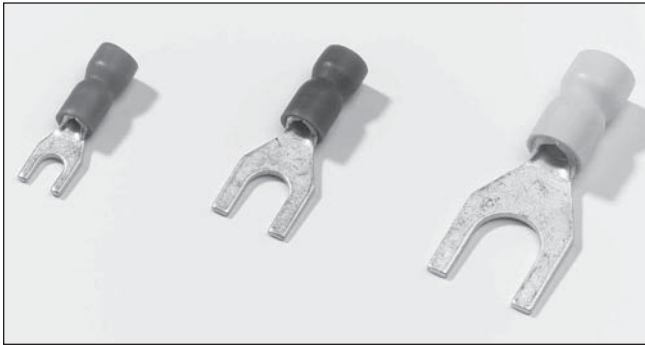


Ordering Information

Cat. No.	Wire Size Range (mm ²)	Colour	Stud Hole Size d2	Dimensions			Wt. (g/100)	Qty. (pieces)	Crimping Tool
				W (mm)	L1 (mm)	D (mm)			
TRA3F	0.5 - 1.5	Red	M3	5.7	22.0	4.0	65	100	ERG2001A WT2124Y
TRA35F	0.5 - 1.5	Red	M3.5	6.2	22.0	4.0	62	100	
TRA4F	0.5 - 1.5	Red	M4	7.2	22.0	4.0	70	100	
TRA5F	0.5 - 1.5	Red	M5	8.0	22.0	4.0	92	100	
TRA6F	0.5 - 1.5	Red	M6	10.8	23.0	4.0	102	100	
TRB3F	1.5 - 2.5	Blue	M3	5.7	22.2	4.5	81	100	
TRB35F	1.5 - 2.5	Blue	M3.5	6.2	22.2	4.5	74	100	
TRB4F	1.5 - 2.5	Blue	M4	7.2	22.2	4.5	80	100	
TRB5F	1.5 - 2.5	Blue	M5	8.0	22.2	4.5	110	100	
TRB6F	1.5 - 2.5	Blue	M6	10.8	23.5	4.5	122	100	
TRC4F	4.0 - 6.0	Yellow	M4	8.2	26.7	6.4	163	100	
TRC5F	4.0 - 6.0	Yellow	M5	9.0	26.7	6.4	182	100	
TRC6F	4.0 - 6.0	Yellow	M6	12.0	30.3	6.4	190	100	

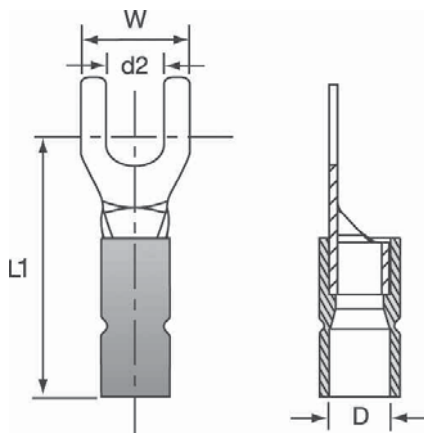
Sta-Kon®

Vinyl Insulated Fork Terminals DIN 46237



Technical Information

Material	Copper
Plating	Tin plated
Marking	Wire size and bolt size stamped on the tongue
Metal barrel	Brazed seam to prevent barrel separation
Insulation	PVC = Polyvinylchloride (Vinyl)
Max. electrical rating	+75°C 600 Volts
Colour coding of the insulation	According to the wire size
Cable insertion	Easy entry

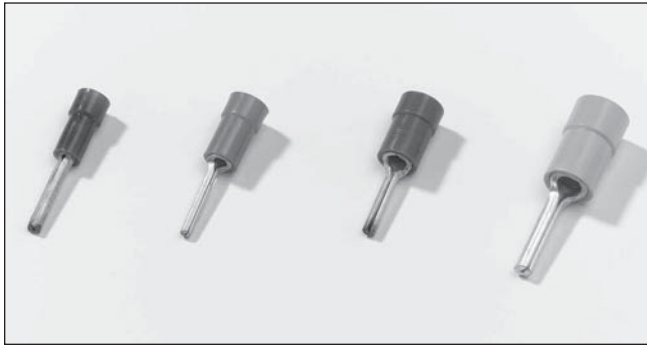


Ordering Information

Cat. No.	Wire Size Range (mm ²)	Colour	Stud Hole Size d2	Dimensions			Wt. (g/100)	Qty. (pieces)	Crimping Tool
				W (mm)	L1 (mm)	D (mm)			
VB-3RF	0.5 - 1.5	Red	M3	6.0	17.2	4.0	68	100	ERG2001A WT2124Y
VB-35RF	0.5 - 1.5	Red	M3.5	6.0	17.2	4.0	68	100	
VB-4RF	0.5 - 1.5	Red	M4	6.8	18.2	4.0	73	100	
VB-5RF	0.5 - 1.5	Red	M5	10.0	19.2	4.0	92	100	
VB-6RF	0.5 - 1.5	Red	M6	11.0	21.2	4.0	103	100	
VB-3BF	1.5 - 2.5	Blue	M3	5.5	19.5	4.5	90	100	
VB-35BF	1.5 - 2.5	Blue	M3.5	6.0	17.5	4.5	97	100	
VB-4BF	1.5 - 2.5	Blue	M4	6.8	19.2	4.5	83	100	
VB-5BF	1.5 - 2.5	Blue	M5	10.0	20.5	4.5	110	100	
VB-6BF	1.5 - 2.5	Blue	M6	11.0	22.5	4.5	121	100	
VB-4YF	2.5 - 6.0	Yellow	M4	8.0	22.1	6.3	169	100	
VB-5YF	2.5 - 6.0	Yellow	M5	10.0	23.1	6.3	189	100	
VB-6YF	2.5 - 6.0	Yellow	M6	11.0	24.1	6.3	200	100	
VB-8YF	2.5 - 6.0	Yellow	M8	14.0	27.1	6.3	235	100	
VB-10YF	2.5 - 6.0	Yellow	M10	18.0	29.1	6.3	305	100	

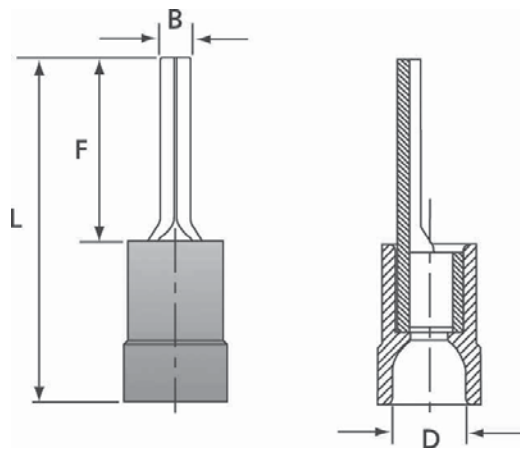
Sta-Kon®

Polycarbonate Insulated Pin Terminals



Technical Information

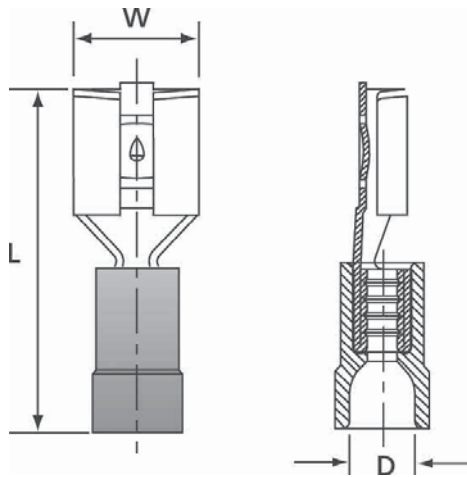
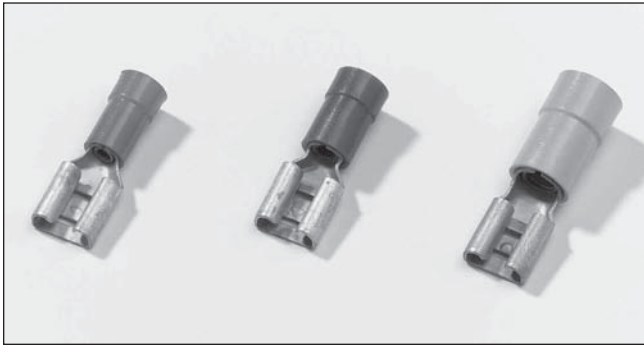
Material	Electrolytic copper
Plating	Tin plated
Metal barrel	Brazed seam to prevent barrel separation
Insulation	PC = Polycarbonate
Temperature resistance	+115°C / +125°C
Colour coding of the insulation	According to the wire size
Cable insertion	Easy entry



Ordering Information									
Cat. No.	Wire Size Range (mm ²)	Colour	Dimensions				Wt. (g/100)	Qty. (pieces)	Crimping Tool
			W (mm)	F (mm)	B (mm)	D (mm)			
RZP	0.25 - 0.75	Green	22.0	12.0	1.8	3.2	47	100	ERG2510
RAP	0.5 - 1.5	Red	22.0	12.0	1.9	4.0	67	100	ERG2001A WT2124Y
RBP	1.5 - 2.5	Blue	22.0	12.0	1.9	4.5	80	100	
RCP	4.0 - 6.0	Yellow	27.0	14.0	2.8	6.4	175	100	

Sta-Kon®

Insulated Female Disconnects DIN 46245



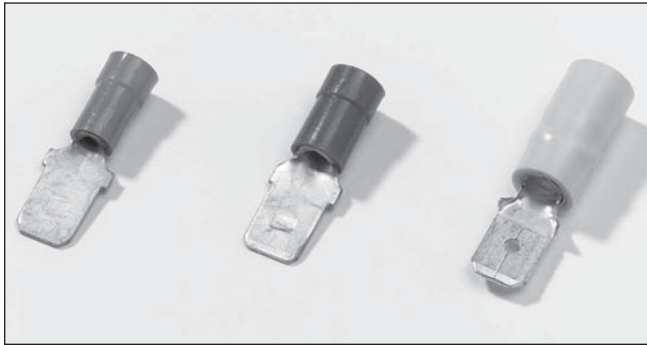
Technical Information

Material	Brass
Plating	Tin plated
Metal barrel	Brazed seam to prevent barrel separation
Insulation	PC = Polycarbonate
Temperature resistance	+115°C / +125°C (for PVC insulation +65°C / +75°C)
Colour coding of the insulation	According to the wire size (DIN)
Cable insertion	Easy entry

Ordering Information

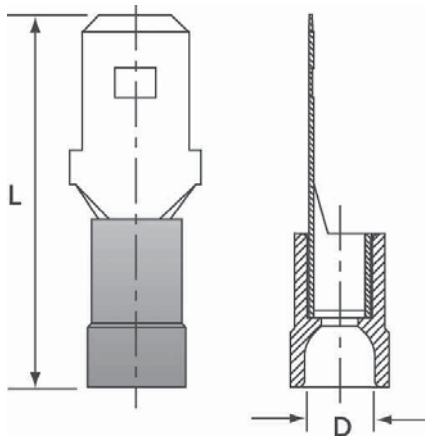
Cat. No.	Wire Size Range (mm ²)	Male Tab Size (mm)	Colour	Dimensions			Wt. (g/100)	Qty. (pieces)	Crimping Tool
				L (mm)	D (mm)	W (mm)			
RA28	0.5 - 1.5	2.8 x 0.8	Red	18.5	3.3	3.5	60	100	
RA29	0.5 - 1.5	2.8 x 0.5	Red	18.5	3.3	3.5	60	100	
RA48**	0.5 - 1.5	4.8 x 0.8	Red	19.0	3.7	5.7	82	100	
RA49**	0.5 - 1.5	4.8 x 0.5	Red	19.0	3.7	5.7	83	100	
RA63	0.5 - 1.5	6.3 x 0.8	Red	20.0	4.0	7.6	96	100	
RB48**	1.5 - 2.5	4.8 x 0.5	Blue	19.0	4.4	5.7	91	100	ERG2001A WT2124Y
RB49**	1.5 - 2.5	4.8 x 0.8	Blue	19.0	4.4	5.7	87	100	
RB63	1.5 - 2.5	6.3 x 0.8	Blue	20.0	4.5	7.6	106	100	
RC63	4.0 - 6.0	6.3 x 0.8	Yellow	24.0	6.4	7.6	183	100	
RC95**	4.0 - 6.0	9.5 x 1.2	Yellow	31.0	6.2	11.0	233	100	

**Non-brazed, with support sleeve and PVC insulation, not easy entry.



Technical Information

Material	Brass
Plating	Tin plated
Metal barrel	Brazed seam to prevent barrel separation
Insulation	PC = Polycarbonate
Temperature resistance	+115°C / +125°C (for PVC insulation +65°C / +75°C)
Colour coding of the insulation	According to the wire size (DIN)
Cable insertion	Easy entry



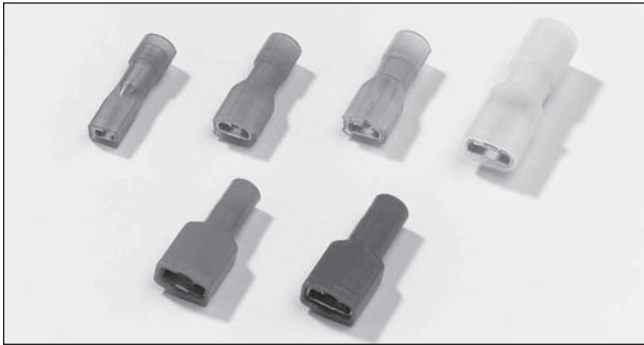
Ordering Information

Cat. No.	Wire Size Range (mm ²)	Male Tab Size (mm)	Colour	Dimensions		Wt. (g/100)	Qty. (pieces)	Crimping Tool
				L (mm)	D (mm)			
RA63M	0.5 - 1.5	6.3 x 0.8	Red	22.0	4.0	107	100	ERG2001A WT2124Y
RB63M	1.5 - 2.5	6.3 x 0.8	Blue	22.0	4.5	107	100	
RC63M**	4.0 - 6.0	6.3 x 0.8	Yellow	25.0	6.3	155	100	

**PVC insulation. No easy entry and non-brazed, with brass support sleeve.

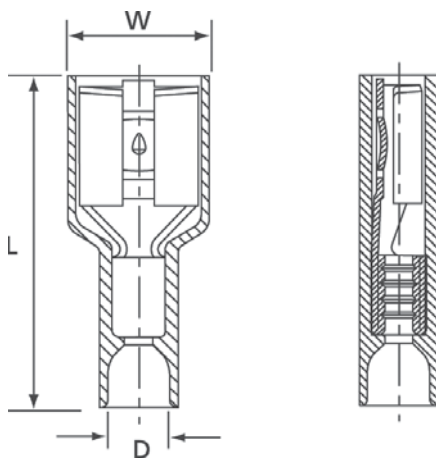
Sta-Kon®

Fully Insulated Female Disconnects



Technical Information

Material	Brass
Plating	Tin plated
Metal barrel	Non-brazed, with brass support sleeve
Insulation	PA = Polyamide Ideal for harsh environments, provides excellent chemical, impact and abrasion resistance
Temperature resistance	+85°C / +105°C
Colour coding of the insulation	According to the wire size (DIN)



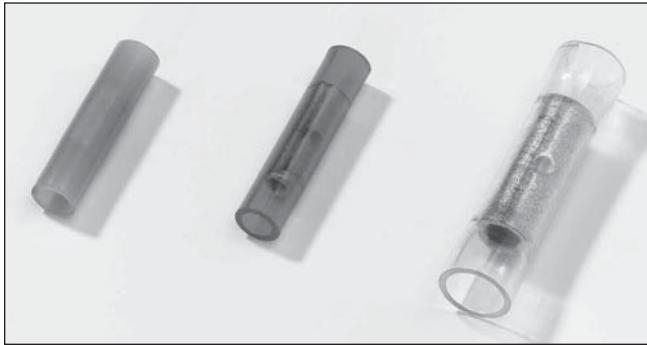
Ordering Information

Cat. No.	Wire Size Range (mm ²)	Male Tab Size (mm)	Colour	Dimensions			Wt. (g/100)	Qty. (pieces)	Crimping Tool
				W (mm)	L (mm)	D (mm)			
RA28V	0.5 - 1.5	2.8 x 0.8	Red	5.0	19.3	3.8	110	100	ERG2001A WT2124Y
RA29V	0.5 - 1.5	2.8 x 0.5	Red	5.0	19.3	3.8	110	100	
RA48V	0.5 - 1.5	4.8 x 0.8	Red	7.4	20.2	3.6	115	100	
RA49V	0.5 - 1.5	4.8 x 0.5	Red	7.4	20.2	3.6	115	100	
RA63V**	0.5 - 1.5	6.3 x 0.8	Red	8.8	21.0	4.0	123	100	
RB48V	1.5 - 2.5	4.8 x 0.8	Blue	7.1	19.5	3.9	120	100	
RB49V	1.5 - 2.5	4.8 x 0.5	Blue	7.1	19.5	3.9	120	100	
RB63V**	1.5 - 2.5	6.3 x 0.8	Blue	8.8	21.0	4.5	132	100	
RC63V	4.0 - 6.0	6.3 x 0.8	Yellow	9.0	26.0	5.3	215	100	

**Easy entry and brazed barrel, polycarbonate insulator.

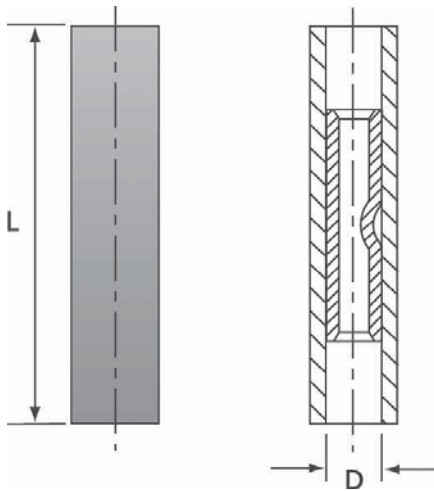
Sta-Kon®

Fully Insulated Butt Splices



Technical Information

Material	Electrolytic copper
Plating	Tin plated
Metal barrel	Brazed seam to prevent barrel separation
Insulation	PC = Polycarbonate
Temperature resistance	+115°C / +125°C
Colour coding of the insulation	According to the wire size (DIN)
Cable insertion	Easy entry

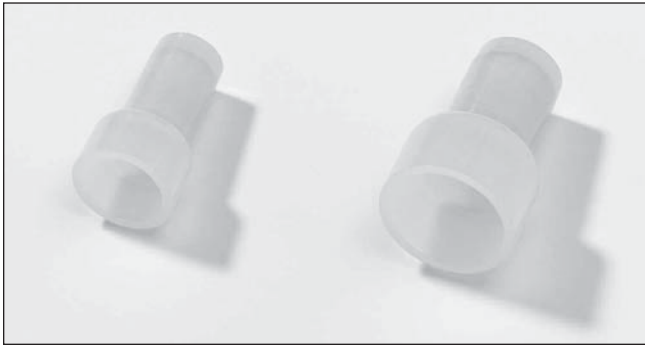


Ordering Information

Cat. No.	Wire Size Range (mm ²)	Colour	Dimensions		Wt. (g/100)	Qty. (pieces)	Crimping Tool
			L (mm)	D (mm)			
RAA15	0.5 - 1.5	Red	24.0	3.4	97	100	ERG2001A WT2124Y
RBB25	1.5 - 2.5	Blue	26.0	4.3	150	100	
RCC6	4.0 - 6.0	Yellow	33.0	6.5	316	100	

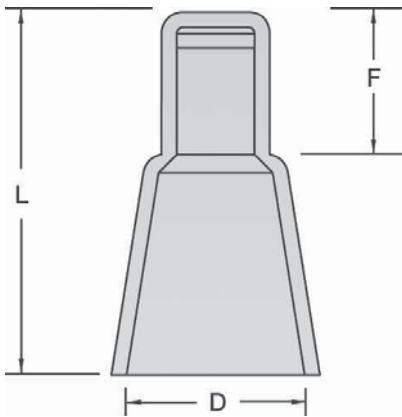
Sta-Kon®

Insulated Wire Joints



Technical Information

Material	Brass
Plating	Tin plated
Metal barrel	Brazed seam to prevent barrel separation
Insulation	PA = Polyamide Ideal for harsh environments, provides excellent chemical, impact and abrasion resistance
Temperature resistance	+85°C / 105°C

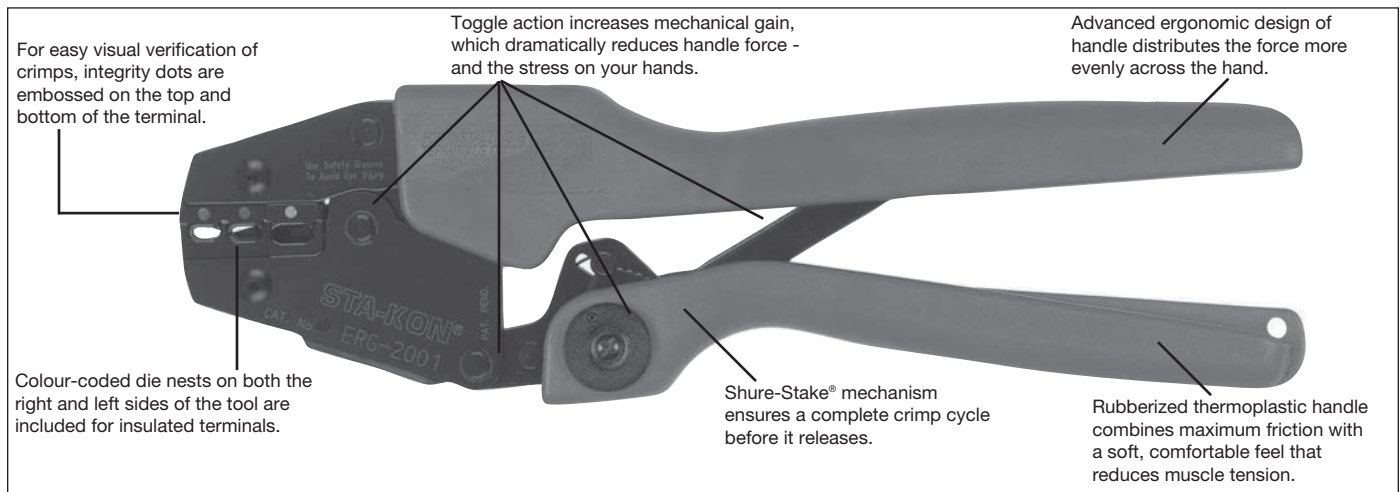


Ordering Information

Cat. No.	Wire Size Range (mm ²)	Colour	Dimensions			Wt. (g/100)	Qty. (pieces)	Crimping Tool
			F (mm)	L (mm)	D (mm)			
RBJ	1.0 - 3.0	White	8.0	15.2	6.4	86	100	ERG2001A
RCJ	2.0 - 6.0	White	9.0	17.7	9.2	166	100	WT2124Y

Ergonomic Hand Tools

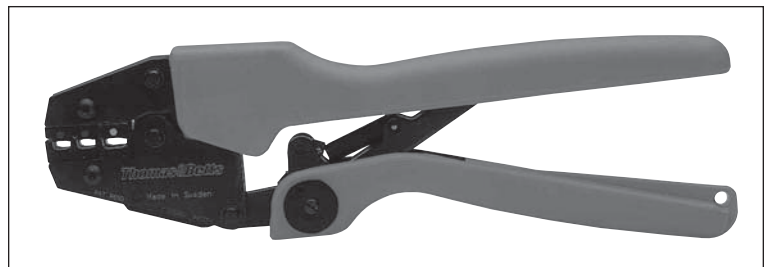
- Ergonomic ratchet style hand tools used for installing insulated and non-insulated terminals.
- Specially designed ergonomic handles distribute the crimping force more evenly across the user's hands. This helps to reduce the risk of Carpal Tunnel Syndrome, the cause of almost one in two industrial injuries.
- Ratchet design greatly reduces handle forces over conventional hand tools and incorporates the **Shure-Stake® mechanism** which ensures a full crimp cycle every time.
- Most dies incorporate wire range mark for easy inspection (insulated only).
- Colour coded die nests (insulated only) make terminal and die nest selection easy.
- The product design and engineering results in a long lasting precision tool.
- Exists in 2 versions: with interchangeable dies or with fixed dies.



Ergonomic Hand Tools with Fixed Die

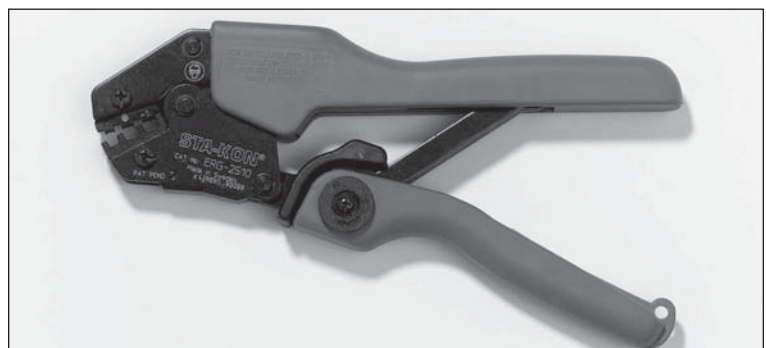
Product Ref.: ERG2001A

- Ergonomic fixed die tool, with three colour-coded die nests for easy selection
- For **insulated terminals** from:
0.5 to 1.5 mm² red
1.5 to 2.5 mm² blue
4.0 to 6.0 mm² yellow
- **Shure-Stake™ mechanism**
- Length: 255 mm
- Weight: 560 g



Product Ref.: ERG2510

- Ergonomic fixed die tool with 2 die nests
- For **insulated terminals** and **insulated bootlace ferrules** from:
0.25 to 0.5 mm²
0.5 to 1.0 mm²
- **Shure-Stake™ mechanism**
- Length: 220 mm
- Weight: 430 g



Crimping Tools

An extensive range of tooling is available, suiting a variety of requirements, to crimp the following terminals:

- Insulated terminals and bootlace ferrules
- Non-insulated terminals
- Copper tube terminals

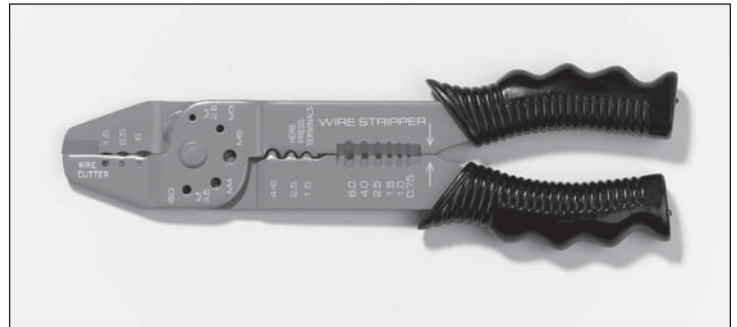
Different types of tooling are offered, depending on volume and application:

- Plier type hand tools for occasional applications (“Do-It-Yourself” users)
- Standard hand tooling for low to medium volume applications
- Ergonomic hand tooling for low to medium volume applications, where high, repeatable quality is essential
- Hydraulic tooling for heavy-duty applications
- Smart tools where no die change is necessary

Standard Crimping Tools

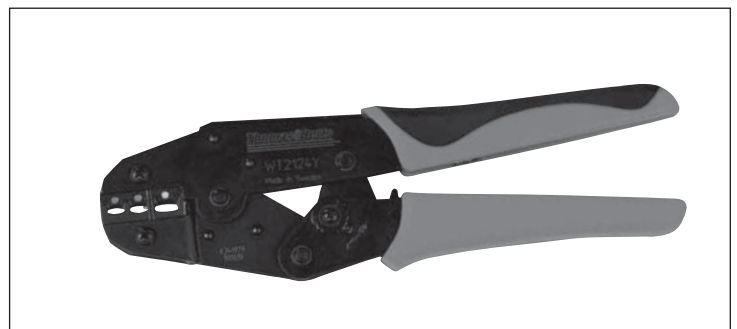
Product Ref.: WT52

- Plier type tool
- For **insulated** and **non-insulated terminals** from 0.5 to 6 mm²
- Incorporates wire stripper and bolt cutters
- Recommended for “Do-It-Yourself” applications only
- Length: 225 mm
- Weight: 200 g



Product Ref.: WT2124Y

- Ratchet type hand tool, fixed die
- For **insulated** and **non-insulated terminals** from:
0.5 to 1.5 mm² red
1.5 to 2.5 mm² blue
4.0 to 6.0 mm² yellow
- Built in **Shure-Stake®** mechanism to ensure a full compression every time
- Length: 228 mm
- Weight: 533 g







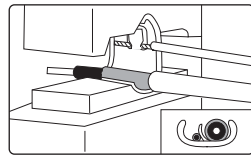
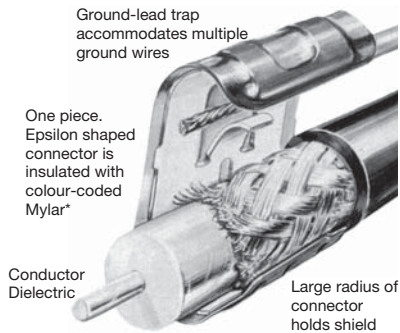
Shield-Kon®

Grounding Connectors

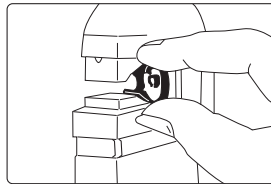
RSK Connectors and Installation Tools	228
Two-Piece Grounding Connectors for Shielded and Coaxial Cable	229 - 231
Colour-Coded Tool and Die Selection System	232 - 233
Connector for Multiple or Overall Shielded Cables Grounded with One Compression	234 - 237

Shield-Kon®

RSK Connectors and Installation Tools



2. Insert ground wires into ground-lead trap, and shielded cable into large opening. Squeeze handle of WT-740 or 13300 tool to form connector around the shield.



1. After handles are fully opened, insert connector into plastic die... small radius on the top.

RSK Connector for Shielded or Coaxial Cable

This solderless, wrap-around connector terminates shielded cable in seconds ... with uniform precision. It is particularly well suited for production work in aircraft, aerospace and electronic industries where size and weight are of importance.

Once crimped, it provides a compact, lightweight, low resistance, high strength connection. It meets and exceeds the performance requirements of MIL-F-21608. The connector works equally well on braided, wrapped, or foil shields and has the added advantage of being able to be used as a mid-span termination. Only four sizes are needed over the range of .050" to .300" diameter.

- Requires no heat to install.
- Low installed cost.
- Compact, low profile connector.
- One piece "Wrap-around" design.
- Inventory savings.
- Easily inspected.

Performance Specification for Shield-Kon® RSK Connectors

Construction

Material: Copper conforming to CDA No. 110.

Finish: Electro-deposited tin in accordance with MIL-T-10727A.

Insulation: Type A Mylar* polyester film, colour-coded for size identification.

Test Criteria

Shield-Kon RSK connectors meet the requirements of MIL-F-21608 for the following environmental and functional criteria:

Voltage drop: 9 millivolts maximum at 1 ampere after environmental exposure.

Insulation dielectric strength: 500 VRMS at 60 Hz for one minute.

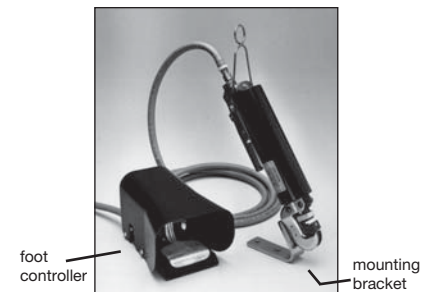
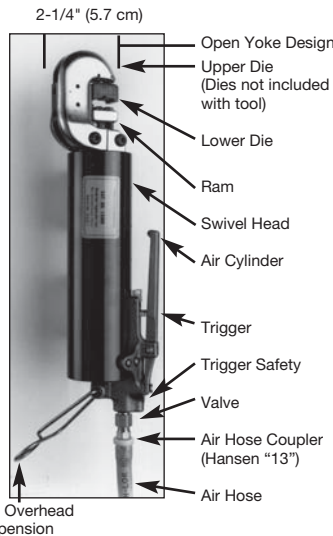
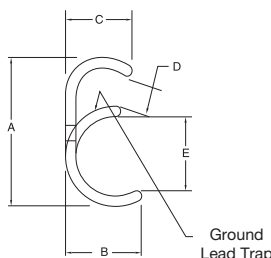
Temperature Cycling: Between the limits of -65 degrees C and +125 degrees C.

Vibration: .03 inch double amplitude between 10 and 55 Hz for 6 hours on each of two axis.

Pullout strength: 15 pounds minimum for 22 AWG, and 19 pounds min. for 20 AWG.

Corrosion resistance: 48 hours in 5% salt fog.

In addition, hypot tests have shown that the cable manufacturers' specified working voltage rating is maintained after the installation of Shield-Kon RSK connectors. It is, however, still advisable to evaluate the suitability of these connectors and verify their performance for the particular application.



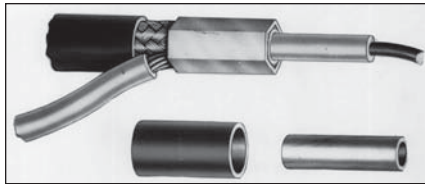
13301 Bench Mounting Kit Converts Easily to Foot Control

The "13300" tool may be converted easily from a hand actuated type to a foot actuated type by the addition of the bench mounting kit, Cat. No. 13301. The kit contains the foot controller, mounting bracket, and all other required hardware.

Cat. No.	Dimensions					Copper Thickness	Colour
	A	B	C	D	E		
RSK-101	.31	.16	.18	.06	.15	.02	Red
RSK-201	.38	.22	.18	.06	.18	.02	Blue
RSK-301	.47	.28	.24	.07	.22	.03	Yellow
RSK-401	.69	.43	.37	.08	.37	.03	Green

Shield-Kon®

Two-Piece Grounding Connectors for Shielded and Coaxial Cable



A reliable method for grounding, terminating and insulating shielded and coaxial cable

All-around hex compression is applied with a simple tool. The result: a permanent, compression joint. With or without grounding wire (insertable from front or back), reliable grounding of termination is done quickly, neatly, and accurately.

The Thomas & Betts hex compression is a permanent method which has reliably connected literally hundreds of millions of installations in communications, aerospace, electronic, telephone, radio and TV. The termination is completed quickly, neatly, accurately ... at a greatly reduced production cost.

Installation Method

1. Slip outer sleeve over insulation jacket, after stripping. Trim braid to within 1/2" of insulation.



2. Fan braid by rotating center conductor and slip inner sleeve under braid.



3. Position inner sleeve to extend about 1/16" beyond braid.



4. Slip one No. 22 or No. 20 ground wire under outer sleeve (front or back), and slide outer sleeve over braid.

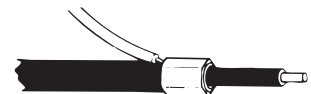


For Daisy chain grounding, two ground wires can be accommodated by selecting the proper size outer sleeve.

5. Outer sleeve covers all exposed strands.



6. Compress in specified tool. (Tool will not release until full compression stroke is completed.)

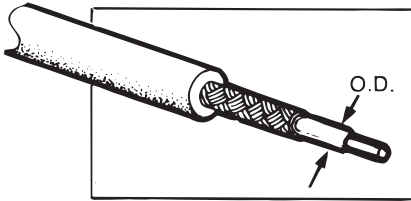


Warning: Never install on energized wire.

Shield-Kon®

Two-Piece Grounding Connectors for Shielded and Coaxial Cable

O.D. Inner Insulation



O.D. Inner Insulation

Determine O.D. of inner conductor insulation with measuring tool.

Inner Sleeve-Cat. GSB



Hard bronze inner sleeve is installed under braid.

Length 5/16"

Tin Plated as standard.

Connector Inner Sleeve

Cat. No.	Colour Code	I.D.	O.D.	Military Spec. No.
GSB-046	Tin	.046	.075	21981-046
GSB-058	Yellow	.058	.083	21981-058
GSB-063	Red	.063	.088	21981-063
GSB-071	Green	.071	.096	21981-071
GSB-080	Blue	.080	.103	21981-080
GSB-090	Orange	.090	.113	21981-090
GSB-096	Purple	.096	.119	21981-096
GSB-101	Yellow	.101	.124	21981-101
GSB-109	Red	.109	.131	21981-109
GSB-115	Tin	.115	.146	21981-115
GSB-124	Green	.124	.145	21981-124
GSB-128	Tin	.128	.152	21981-128
GSB-134	Orange	.134	.156	21981-134
GSB-149	Blue	.149	.179	21981-149
GSB-156	Red	.156	.193	21981-156
GSB-165	Tin	.165	.194	21981-165
GSB-175	Green	.175	.215	21981-175
GSB-187	Yellow	.187	.227	21981-187
GSB-194	Blue	.194	.226	21981-194
GSB-205	Orange	.205	.245	21981-205
GSB-219	Tin	.219	.250	21981-219
GSB-225	Yellow	.225	.256	21981-225
GSB-232	Red	.232	.263	21981-232
GSB-250	Green	.250	.281	21981-250
GSB-261	Blue	.261	.297	21981-261
GSB-266	Tin	.266	.297	21981-266
GSB-275	Orange	.275	.306	21981-275
GSB-281	Yellow	.281	.331	21981-281
GSB-287	Tin	.287	.327	21981-287
GSB-297	Red	.297	.335	21981-297
GSB-312	Purple	.312	.362	21981-312
GSB-348	Orange	.348	.400	21981-348
GSB-375	Blue	.375	.406	21981-375

Inner sleeve

1. Use a measuring tool over the inner conductor insulation. Rotate wire to pick up high spots on cable that are non-symmetrical.
2. Add .005 to the diameter of the conductor insulation. Select inner sleeve with this I.D. or nearest larger I.D.

Two-Piece Grounding Connectors for Shielded and Coaxial Cable

Non-insulated Outer Sleeve-Cat. GSC



Soft bronze outer sleeve slips over the braid and ground wire.

Length 1/4"

Insulated Outer Sleeve-Cat. GSR



Soft bronze outer sleeve with nylon insulator slips over the braid and ground wire.

Connector Outer Sleeves

Cat. No.	Colour Code	I.D.	O.D.	Military Spec. No.
Non-insulated				
GSC-101	Tin	.101	.124	21980-101
GSC-128	Blue	.128	.152	21980-128
GSC-149	Purple	.149	.179	21980-149
GSC-156	Yellow	.156	.193	21980-156
GSC-175	Blue	.175	.215	21980-175
GSC-187	Orange	.187	.227	21980-187
GSC-194	Red	.194	.226	21980-194
GSC-199	Tin	.199	.235	21980-199
GSC-205	Yellow	.205	.245	21980-205
GSC-219	Green	.219	.250	21980-219
GSC-225	Purple	.225	.256	21980-225
GSC-232	Orange	.232	.263	21980-232
GSC-261	Yellow	.261	.297	21980-261
GSC-275	Tin	.275	.306	21980-275
GSC-281	Purple	.281	.331	21980-281
GSC-287	Blue	.287	.327	21980-287
GSC-297	Green	.297	.335	21980-297
GSC-312	Yellow	.312	.362	21980-312
GSC-327	Tin	.327	.372	21980-327
GSC-348	Orange	.348	.393	21980-348
GSC-359	Purple	.359	.399	21980-359
GSC-375	Yellow	.375	.406	21980-375
GSC-405	Red	.405	.453	21980-405
GSC-415	Blue	.415	.463	21980-415
GSC-425	Tin	.425	.475	
GSC-460	Tin	.460	.510	21980-460
GSC-500	Green	.500	.550	21980-500
Insulated				
GSR-101	Tin	.101	.124	18121-101
GSR-128	Blue	.128	.152	18121-128
GSR-149	Purple	.149	.179	18121-149
GSR-156	Yellow	.156	.193	18121-156
GSR-175	Blue	.175	.215	18121-175
GSR-187	Orange	.187	.227	18121-187
GSR-194	Red	.194	.226	18121-194
GSR-199	Tin	.199	.235	18121-199
GSR-205	Yellow	.205	.245	18121-205
GSR-219	Green	.219	.250	18121-219
GSR-225	Purple	.225	.256	18121-225
GSR-232	Orange	.232	.263	18121-232
GSR-261	Yellow	.261	.297	18121-261
GSR-275	Tin	.275	.306	18121-275
GSR-281	Purple	.281	.331	18121-281
GSR-287	Blue	.287	.327	18121-287
GSR-297	Green	.297	.335	18121-297
GSR-312	Yellow	.312	.362	18121-312
GSR-327	Tin	.327	.372	18121-327
GSR-348	Orange	.348	.393	18121-348
GSR-359	Purple	.359	.399	18121-359
GSR-375	Yellow	.375	.406	18121-375
GSR-405	Red	.405	.453	18121-405
GSR-415	Blue	.415	.463	18121-415
GSR-460	Tin	.460	.510	18121-460
GSR-500	Green	.500	.550	18121-500

Outer sleeve

1. Add .060 to O.D. of inner sleeve selected. Use this dimension to select outer sleeve with this I.D. or the nearest larger I.D.
2. Use **GSC** prefix to order non-insulated outer sleeve. Use **GSR** prefix to order nylon insulated outer sleeve.

Note: All parts are standard tin plated per MIL-T-10727A

Note: Inner and outer connector catalogue nos. conform to MIL-F-21608.

These suffixes are NOT colour-coded. They are not stock items.

Add suffix **PF** for plain finish.

Add suffix **T** for tin plate with no colour code.

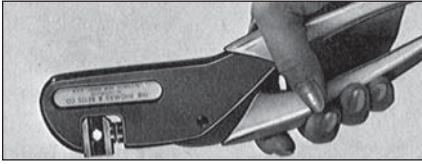
Add suffix **NP** for nickel plate.

Consult regional sales office for delivery and minimum quantities.

Shield-Kon®

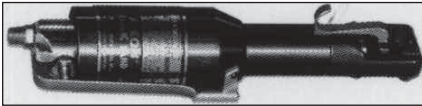
Colour-Coded Tool and Die Selection System

Hand Tools WT-440 and WT-540



This series features interchangeable dies for minimum tool investment. Dies are available for a range of GSC, GSR and GSW series connectors. The steel frame cushion-grip handles combine to provide greater operator efficiency. This series features straight-line action and Shure-Stake® design. Order dies separately. WT-440 – 8" long, 1 lb., WT-540 – 10³/₈" long, 1 lb. 9 ounces.

Power Tool



This series is ideal for production installation since it is small and light enough to be hand held ... 10" in length, 3 lb. 2 ozs. These air hydraulic tools develop 2,000 lb. crimping pressure from operating pressure of 90 lb. Installs GSC, GSR connectors.

Non-insulated Outer Sleeve Connector

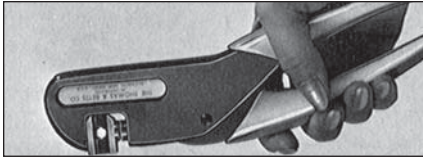
Cat. No.	Colour Code	Tools With Fixed Dies	"GSC" Tools	
			Die Nos. For WT-440	WT-540
GSC-101	Tin	WT-419	4419	
GSC-128	Blue	WT-400	4400	
GSC-149	Purple	WT-401	4401	
GSC-156	Yellow	WT-402	4402	
GSC-175	Blue	WT-403	4403	
GSC-187	Orange	WT-406	4406	
GSC-194	Red	WT-406	4406	
GSC-199	Tin	WT-406	4406	
GSC-205	Yellow	WT-408	4408	
GSC-219	Green	WT-408	4408	
GSC-225	Purple	WT-409	4409	
GSC-232	Orange	WT-410	4410	
GSC-261	Yellow	WT-411	4411	
GSC-275	Tin	WT-412	4412	
GSC-281	Purple	WT-414	4414	
GSC-287	Blue	WT-414	4414	
GSC-297	Green	WT-414	4414	
GSC-312	Yellow	WT-415	4415	
GSC-327	Tin	WT-416	4416	
GSC-348	Orange	WT-417	4417	
GSC-359	Purple	–	5450	
GSC-375	Yellow	–	5451	
GSC-405	Red	–	5452	
GSC-415	Blue	–	5452	
GSC-425	Tin	–	5454	
GSC-460	Tin	–	5456	
GSC-500	Green	–	5457	

Note: Die Nos. 5450 – 5459 are only for WT-540 tool.

Shield-Kon®

Colour-Coded Tool and Die Selection System

Hand Tools WT-440 and WT-540



Hand Tools WT-440 and WT-540

This series features interchangeable dies for minimum tool investment. Dies are available for a range of GSC, GSR and GSW series connectors. The steel frame cushion-grip handles combine to provide greater operator efficiency. This series features straight-line action and Shure-Stake® design. Order dies separately. WT-440 – 8" long, 1 lb., WT-540 – 10³/₈" long, 1 lb. 9 ounces.

Power Tool



This series is ideal for production installation since it is small and light enough to be hand held ... 10" in length, 3 lb. 2 ozs. These air hydraulic tools develop 2,000 lb. crimping pressure from operating pressure of 90 lb. Installs GSC, GSR connectors.

Insulated Outer Sleeve

Cat. No.	Tools With Fixed Dies	"GSR" Tools
		Die Nos. For WT-440 WT-540
GSR-101	WT-400	4400
GSR-128	WT-401	4401
GSR-149	WT-403	4403
GSR-156	WT-406	4406
GSR-175	WT-408	4408
GSR-187	WT-410	4410
GSR-194	WT-410	4410
GSR-199	WT-410	4410
GSR-205	WT-411	4411
GSR-219	WT-411	4411
GSR-225	WT-411	4411
GSR-232	WT-412	4412
GSR-261	WT-414	4414
GSR-275	WT-415	4415
GSR-281	WT-417	4417
GSR-287	WT-417	4417
GSR-297	WT-417	4417
GSR-312	–	5451
GSR-327	–	5452
GSR-348	–	5452
GSR-359	–	5452
GSR-375	–	5453
GSR-405	–	5455
GSR-415	–	5455
GSR-460	–	5458
GSR-500	–	5459

Note: Die Nos. 5450 – 5459 are only for WT-540 tool.

Shield-Kon®

Connector for Multiple or Overall Shielded Cables Grounded With One Compression

Cushioned Shield-Kon® Connector

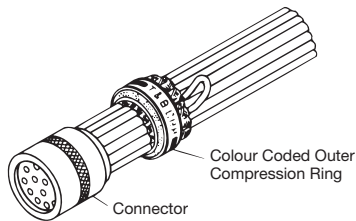
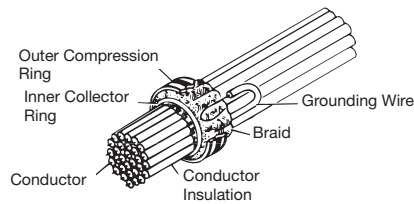


A special feature is the smooth, heat stabilized nylon insulator which acts as a cushion to protect conductor insulation from abrasion. This molded blue nylon insulator is wedge-fitted to the hard brass inner collector rings.



Overall Shield and Multiple-Conductor Shield

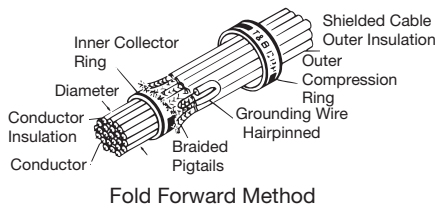
Particularly useful in small space applications as in this 90° connector. The three different ring techniques ground the multiple conductor shields as well as the overall outer braid.



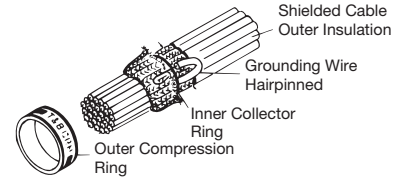
The Shield-Kon Connector System for multiple-conductor shielded cable is based on the principle of cold swaging. It utilizes a two-piece compression connector colour-coded to match the proper die. The connector consists of a hard brass collector inner ring with a tough, smooth insulator and a soft copper compression outer ring. Each set of rings and matching installing die will connect a minimum of 5 shielding braids with one ground wire. The maximum number of braids is limited only by the space between the inner and outer rings.

The design advantages are:

1. Positive selection of inner and outer sleeves and installing die by a complete colour-coded system.
2. A more reliable grounding termination because only one ground wire connection is made – conventional daisy chain jumper method is eliminated.
3. Smaller, more compact bundle is easy to inspect.
4. Only one ground wire is required, however additional ground wires may be used if needed.
5. Smooth insulator protects conductor insulation.
6. With one stroke of the tool, the interlace die will produce a 360° compression uniformly securing all individual shields around the connector.

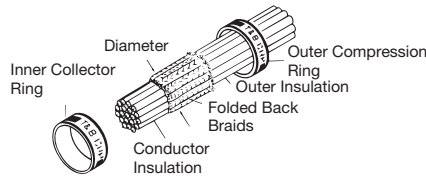


Fold Forward Method



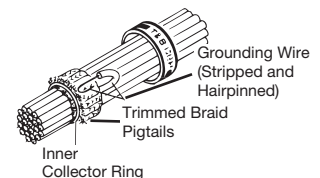
Fold Back Method

Single Fold Shield Methods



Double Fold Method

Grounding wire can be inserted from front or back



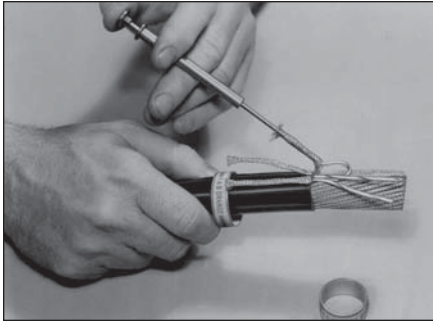
Typical installation for multi-pin connector application. After shielding is extracted, attach ground wire(s) to connector pin and place between collector and compression rings. Colour-coded die will make a 360° compression in one stroke. For complete assembly procedures refer to instructions enclosed with the product.

Warning: Never install on energized wire.

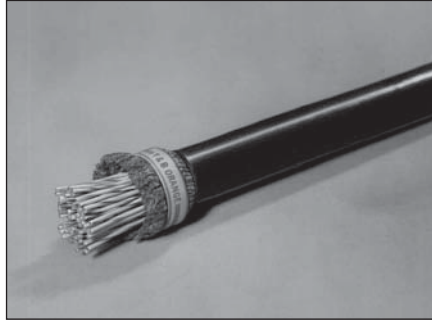
Shield-Kon®

Connector for Multiple or Overall Shielded Cables Grounded With One Compression

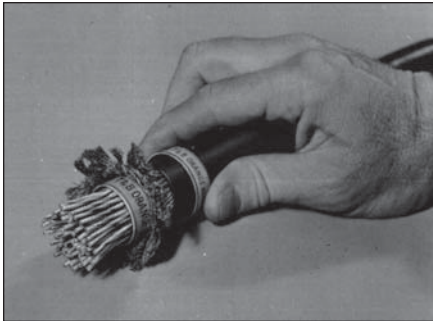
Multi-Shielded Cable Connector Installation Procedure



1. After overall insulation is removed to expose shielded cables, each conductor must be freed from the shielding braid. The Thomas & Betts lead extractor tool simplifies this operation by pushing the inner conductor through an opening in the shielding braid. The braid is then folded back until all conductors are freed. See Lead Ext. Table, page 235.



3. Position outer compression ring over the flattened shielding braid, locating it over the center of the inner collector ring. Braid may be trimmed even with the edge of the outer compression ring before or after compression. Ground wire or wires may be inserted between the outer compression ring and the shield prior to compression.



2. Flattened shielding braids are evenly distributed around the periphery of the inner collector ring.



4. Selection of compression dies is determined by colour code on rings. The dies are colour coded to match the rings. The appropriate dies are easily inserted or removed by depressing die locking button shown.



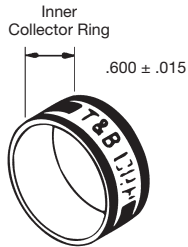
5. The prepared cable is placed in the installing die and compressed. Tool operates on hydraulic power output developing 9800 ±200 psi operating pressure.

6. Completed installation of the “single fold”-“fold forward” method typifies the reliability, compactness and neatness which is obtained with all Thomas & Betts recommended installation methods.

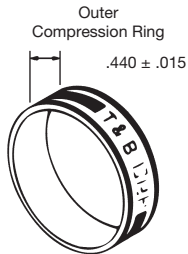
- Easier and quicker to install – one compression grounds all conductors simultaneously.
- Improved reliability – multiple connector errors eliminated.
- Smaller, less bulky bundle diameter – eliminates individual connectors and daisy chained jumpers.
- Reduce installed cost – fewer parts, less installation and inspection time.
- Smooth nylon insulator acts as cushion to protect conductors.

Warning: Never install on energized wire.

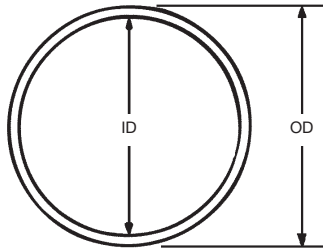
Connector for Multiple or Overall Shielded Cables Grounded With One Compression



Colour-coded marking



Colour-coded marking



Connectors for Shielded Cable

Cat. No.	I.D.	O.D.	Installing Die Cat. No.	Colour-Code
Inner Ring				
GSB-430	.430	.500	GS590	Red
GSB-550	.550	.620	GS710	Blue
GSB-670	.670	.750	GS840	Grey
GSB-810	.810	.880	GS1010	Brown
GSB-920	.920	1.000	GS1130	Green
GSB-1040	1.040	1.120	GS1250	Pink
GSB-1122	1.122	1.192	GS1332	Orange
GSB-1224	1.224	1.294	GS1440	Purple
GSB-1353	1.353	1.423	GS1563	Yellow
GSB-1425	1.425	1.545		
Outer Ring				
GSC-590	.590	.670	GS590	Red
GSC-710	.710	.790	GS710	Blue
GSC-840	.840	.920	GS840	Grey
GSC-1010	1.010	1.090	GS1010	Brown
GSC-1130	1.130	1.210	GS1130	Green
GSC-1250	1.250	1.330	GS1250	Pink
GSC-1332	1.332	1.412	GS1332	Orange
GSC-1440	1.440	1.520	GS1440	Purple
GSC-1563	1.563	1.643	GS1563	Yellow
GSC-1670	1.670	1.750		
GSC-1795	1.795	1.875		
GSC-1920	1.920	2.000		

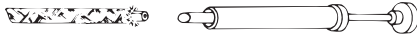
Materials: Inner ring; Copper Alloy ASTM B135, Alloy 2
Outer ring; Copper ASTM B188

Finish: Electro Tin, MIL-T-10727 A, Type 1. For temp. up to 260°C (500°F), nickel; QQN290.

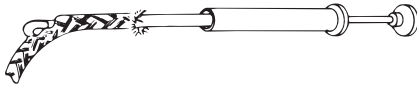
Note: The inner ring, outer ring and installing die are a matched set.

Shield-Kon®

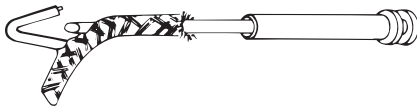
Connector for Multiple or Overall Shielded Cables Grounded With One Compression



After insulation is stripped off, flare exposed braid. Push flared end of braid back causing braid to bulge.



Retract plunger and slide tube over wire until desired breakout point is reached.



Retract plunger and slide tube over wire until desired breakout point is reached.



One Installing Tool Accommodates All Die Sizes

- Thomas & Betts installing tool can be used as a bench mounted or portable tool.
- Twenty-two colour-coded dies install complete range of all commonly used shielded cables; dies are easily snapped in or out.
- Interface die with 360° compression provided uniform pressure around circumference of connector.
- Narrow silhouette head permits complete operator visibility during compression cycle.

Warning: Never install on energized wire.

Lead Extractor

Cat. No.	For Lead Dia. Up To	Plunger Colour-code
WT-045B	.045	Red
WT-060W	.062	White
WT-080G	.093	Blue
WT-100B	.125	Green
WT-130Y	.140	Yellow

Installing Tool

Cat. No.	Description
13640	Installing Head (order dies separately)
13606	Hand-Foot Pump
13600	Electric Hydraulic Pump
13620	Hand Switch
13589A	Foot Switch
13619	Hydraulic Hose 10 ft.
13760	Air-Operated Hydraulic Pump

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