

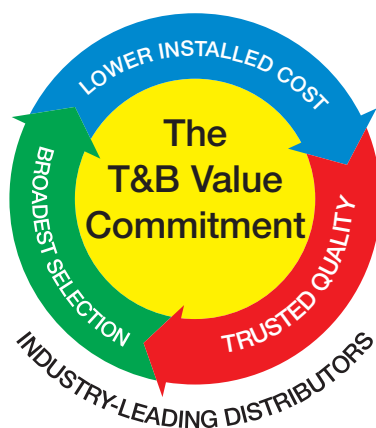
Material Eléctrico
para conexión y
manejo de cables y
conductores.
Seguridad para sus
instalaciones a nivel
de potencia y
control.

Familias de producto

Manejo de conductores



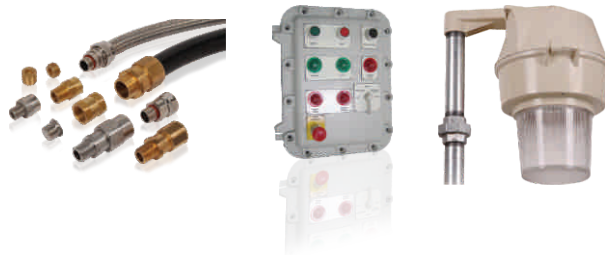
Protección para cables



Control & conexión eléctrica



Tecnología para confiabilidad eléctrica



Carlton®
Catamount®
Blackburn®

Dragon Tooth®
elastimold®
Hazlux®

JENNINGS
TECHNOLOGY
JOSLYN
Kindorf®

Ocal®
redodot®
Russellstoll®

Shrink-Kon®
Sta-Kon®
Steel City®

Superstrut®
T&B Cable Tray
Ty-Duct®

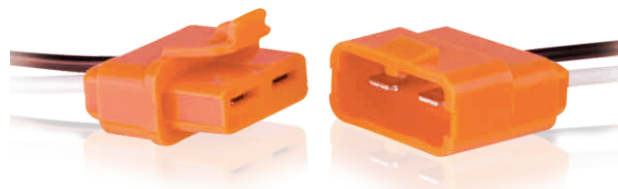


Síguenos en:



Thomas & Betts
A Member of the ABB Group

Amplia gama de terminales y conectores Blackburn®



Color-Keyed® Kube™ Flag & Tee Connectors

Special Lugs for Special Problems — Angled, Shaped and Trimmed the Way You Need Them.

Thomas & Betts can solve your difficult wire bending and terminating problems in confined power distribution panels, switchgear and motor control enclosures.

We have the design and production capability to deliver exactly the type lug you need, shaped the way you need.

- Straight, 15°, 30°, 45°, 60° and 90° angle
- Stacking or non-stacking
- Narrow tongue or standard
- Tin, silver, lead, nickel

Thomas & Betts offers an extensive line of copper Blackburn® lugs featuring the Color-Keyed® system for #8 AWG through 1000 kcmil flex and code cables. The lug tongues are modified in several different configurations to meet your exact needs: 45° and 90° bend angles, narrow tongues to fit into circuit breakers, offset tongues to stack two cables and special stud hole drilling. These special configurations let you:

- Run cable directly to the bus bar with no bending.
- Terminate into very narrow spaces.
- Utilize minimal bus bar space.

The specially designed lugs help you “clean up” your cabling in crowded enclosures.

The photographs show some examples of how and where the lugs can be used

Customized Connectors for Copper Cables

- Standard and special tongue angles, stacking and nonstacking, bolt holes sizes and centers, protective platings.
- Specially modified one- and two-hole copper compression lugs, Series 54100, 54200, 54850BE and 54930BE for flex and code copper stranded cables. Material: Highconductivity wrought copper.
- Minimum order quantity: Standard package quantity by cable size. Consult factory for price and delivery. All customized lugs are made to order. A.R.O. Non cancelable.



Blackburn®

Conexión - Desconexión de motores

Blackburn®



Motor Pigtail Connectors

Quick, reliable change-out of electric motors with no bolting, taping or loose connections.

Motor Lead Disconnects

- Complete line of motor lead disconnects for 600V and 5kV applications, covering wire range from #16 AWG through 500 kcmil.
- Fast, snap-together assembly offers maximum labor savings.
- No need for nuts, bolts and washers or insulating tape — simply slide on reusable boot.
- Total assembly fits into tight motor housings.
- Quick disconnect — no knife cutting of melted tape, eliminating the risk of accidental cutting of wire insulation, resulting motor downtime and installer exposure.
- Meet or exceed electrical and mechanical performance of bolted connections.
- Constructed of high-conductivity copper with tin plating.
- Female disconnects equipped with beryllium copper interface band for dependable connections.

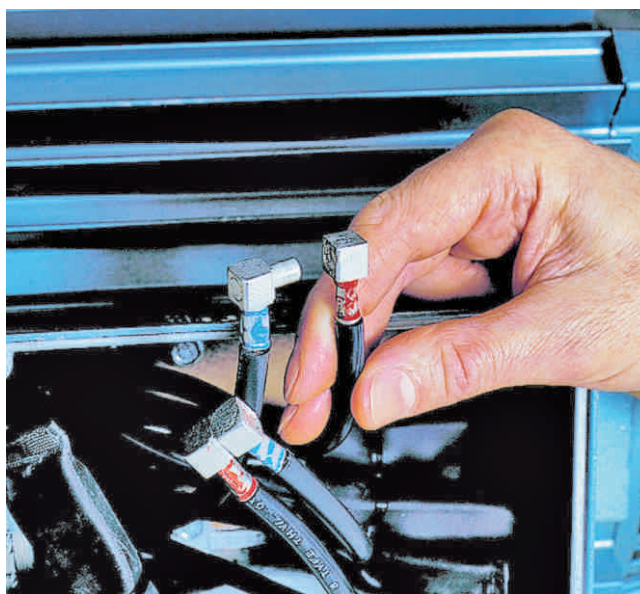
KUBE® Connectors Multi-Tap

Make economical, field-constructible, UL® Listed multiple-tap electrical connections!

Leave it to Thomas & Betts to bring you the most versatile, affordable solution for multiple-load installations from a single main conductor.

The KUBE® Multi-Tap system gangs multiple permanent, dependable compression taps mounted on a high-conductivity copper rod to achieve a space- and cost-efficient UL® Listed multiple-tap connection you configure in the field. For even more flexibility, you can rotate connectors individually on the Multi-Tap rod to accommodate the bends and angles necessary to install equipment or complete circuitry — without the high cost of flexible-conductor cable.

- Lowest installed cost for the application — eliminates the need for expensive flexible-conductor cable.
- Individual connectors can be rotated 360° on rod for multi-directional connections.



- Versatile, modular design supports a myriad of connection possibilities.
- UL® 486AB Listed and CSA Certified for field installation.
- Compression connections maintain integrity even under vibration and high temperatures.
- Supports wire sizes from #16 to 4/0 AWG
- Suitable for applications up to 600 volts (1000 volts in signs and fixtures).
- Rods constructed of high-conductivity copper with corrosion-resistant tin plating.
- Connectors constructed of electro-tin plated high conductivity copper with louvered contact bands for reliable connections and color coding for easy selection of crimping die.
- Two-piece, UL94-V0-rated, polycarbonate insulators snap onto connectors easily for fast, safe installation

Typical Applications

- Commercial construction.
- Specialized installations for entertainment applications.
- Gutter taps for all applications.
- Any other application requiring the running of multiple loads from a main conductor.

Blackburn®

Typical applications



Splice



Termination



Parallel Splice



Tap

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, UL and CSA.
- Include extra metal sleeve to grip insulation.
- Vinyl insulated and bare Sta-Kon® terminals feature brazed seam wire barrels that can be crimped at any place on the barrel circumference.
- 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 on the tongue of each terminal.
- Can be installed with crimping tools having a single indenter or double indenter (recommended for solid wire).
- Constructed of electrolytic copper for high conductivity.
- Wire range identification on the tongue of each terminal.

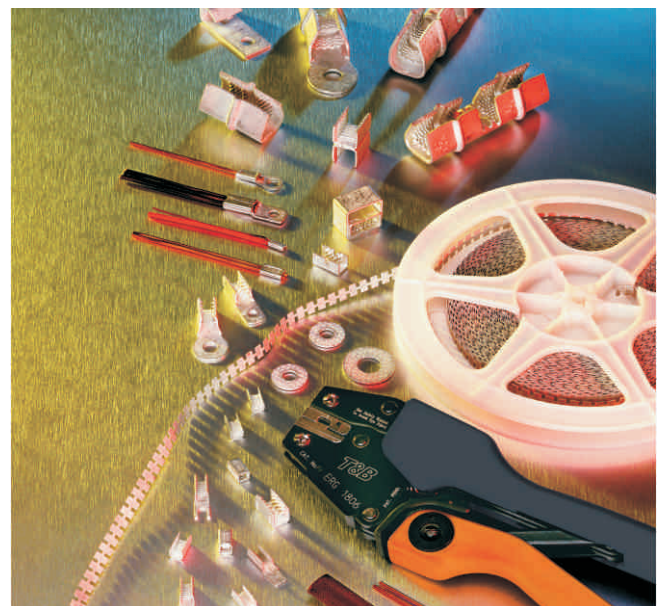
Dragon Tooth®

Dragon Tooth® Magnet Wire Connectors

Dragon Tooth® connectors and installing tools are designed to splice, tap and terminate magnet wire from #32 AWG to 460,000 CMA copper and from #18 AWG to 460,000 CMA aluminum conductors in motor and transformer applications.

Dragon Tooth® Magnet Wire Connectors penetrate the insulation and oxide layers to make electrical contact on magnet wiring. The result is permanent, low-resistance electrical connections, capable of maintaining contact integrity throughout the life of the connection.

- Designed to penetrate magnet wire insulation during application, eliminating the need for stripping, brazing, welding or other methods of joining magnet wire.
- Can be installed in seconds.
- Requires minimal training for installation.
- Made of copper alloy, tin plated, with teeth on the inner surface.
- Splices and taps have an open side enabling easy access to wire and making internal coil tapping possible.
- For aluminum to copper, aluminum to aluminum or copper to copper magnet wire connections.
- Supplied with bolt holes to accommodate #6 through 1/2" studs and includes male and female .250" x .032" disconnects - Rings and fork terminals accommodate wire sizes #24 to #12 AWG in a variety of combinations, including combining magnet wire with stripped wire lead. For solid or stranded wire #20 to 4/0 AWG.
- Larger connectors accommodate circular mil range from 50,000 to 460,000 CMA.
- Connector and matching tooling do the entire job.



Better by Design

Ocal® Blue PVC-coated conduit and fittings represent a complete corrosion-protection package for your entire conduit system. This extensive product line includes the largest number of items in stock along with corrosion-resistant supports and patching compounds. With Ocal PVC-coated conduit and fittings, you get corrosion protection that will extend the life of your electrical raceway system for years and years.

Only Ocal Offers These Advantages

- Only Ocal PVC-coated conduit is UL Listed with both the zinc coating and the PVC coating investigated and listed per UL6.
- Only Ocal PVC-coated conduit has hot-dipped galvanized threads. Hot-dip galvanizing is the process through which the steel shell is dipped in molten zinc, causing the zinc to penetrate the steel.
- Only Ocal PVC-coated conduit offers a full undisturbed zinc coating under the PVC coating, fulfilling the requirement of NEMA RN-1 regarding undisturbed zinc coating over the conduit.
- Only Ocal PVC-coated conduit meets the requirements of NEMA RN-1 without exception.
- Only Ocal PVC-coated conduit is UL Listed for UV resistance.
- Only Ocal supplies "Double-Coat" coated fittings, enhancing corrosion protection by applying urethane to the interior and exterior of the fittings before PVC coating.
- Only Ocal offers custom colors.
- Only Ocal offers local installation training and certification.

Standards Met

- ANSI C80.1
- Federal Specification WW-C-581
- NEMA RN-1
- UL6



T&B® Fittings

The STEX Series is specially designed for hazardous (classified) areas, and is designed to stand up to the harshest and most corrosive environments — like pulp and paper mills, mining operations, chemical plants, food processing plants, hydrocarbon facilities, and petrochemical plants refineries.




LU® Universal Conduit


- 4-to-1 SKU reduction - replaces LL, LR, LB and C conduit bodies.
 - Radius is the same as the bent conduit. Pull wire through the body.
 - Angled cover port - easier wire pulling and uses standard covers.
 - BlueKote four-layer protection provides internal and external corrosion resistance.
 - UL Listed as an enclosure - splices allowed inside the LU.
 - Rated for 40% wire fill!
- Compliances: UL: 514A, 514B; CSA: C22.2 No. 18;



Star Teck Extreme® Director™ Cable Fittings

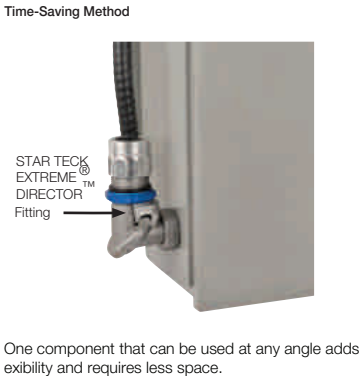
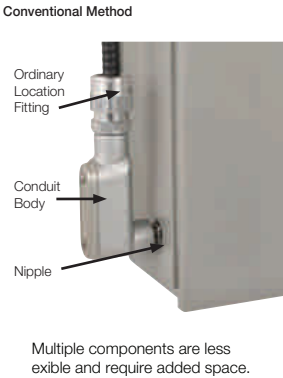
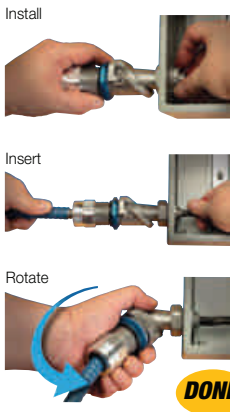


STAR TECK® Teck Cable Fittings



Cat. No.	Hub Size (NPT)	Gland Torque (LB.-IN.)	RANGE OVER JACKET (IN.)		RANGE OVER ARMOR (IN.)		Throat dia. min. (IN.)		Overall length (in.)
			Min.	Max.	Min.	Max.	With armor stop	Without armor stop	
STED050	1/2	450	.600	.885	.520	.795	.505	.617	5.375
STED075	3/4	600	.860	1.205	.780	1.125	.645	.819	5.875

Save time and money!



T&B Fittings

PMA Flexible nylon conduit systems

Extreme-temperature flexible nylon conduit systems

- Continuous operating teperatures of - 100° to 170° C and excellent fire safety characteristics.
- Good flexibility and high impact resistance even at low temperatures.



- Snap- in installation provides a quick and secure connection, saving time and money.
- PMA® has nylon conduit systems specifically designed for extreme temperature environments.
- Conduits for technically demanding applications and special requirements.
- Conduit sizes range from 6mm to 125 mm diameters, from lightweight to heavyweight, and pliable to highly flexible.
- Standard colors are black and gray.
- Many conduits are specially approves, e.g. CSA, UL® Recognition, NF, SNCF, DB, etc.

PMA

Línea de productos para iluminación Hazlux®

Incandescent, fluorescent, sodio, metal halide, induction light fixtures



Hose Down, Vibration, High Ambient, Dust, Corrosion, Marine, Ice, Wind.



Area Lighting

Hazlux® 3 Class I, Division 2
 Hazlite® M3 Class I, Division 2
 Hazlux® 1 (Polymeric) Class I, Division 2
 Hazlite® M1 (Polymeric) Class I, Division 2
 Hazlux® 5 Class I, Division 1
 Hazlite® M5 Class I, Division 1
 Hazlite® M4 Class 1, Division 2



Floodlights

Hazlux® 3 Class I, Division 2



Emergency Lighting

HazBatt® H3 Class I, Division 2
 HazBatt® M5 Class I, Division 1
 HazFlash® M4 (Strobe) Class I, Division 2
 HazFlash® M5 (Strobe) Class I, Division 11



Induction light fixture

Agency Approvals & Listings

- Class I, Division 2, Groups A, B, C & D; T2B (260°C)
- Class II, Divisions 1 & 2, Groups E, F & G; T5 (100°C)
- Class I, Zone 2, Groups IIC, IIB, IIA
- UL Listed: UL844: Hazardous Location Lighting UL1598: Wet Locations
- CSA Certified: CSA 22.2 No. 137: Hazardous Location Lighting

Longest lamp life: 100,000 hours - 50% lumen depreciation (11+ years)

- Instant On - 70% of lumen output achieved within 60 seconds of start-up
- High Quality White Light - CRI = 80



Incandescent / compact fluorescent fixtures

- First! Security
- Hazlux® lighting fixtures withstand harsh environmental conditions
- All-Struct® quick pole light-fixture mounting assembly
- One person operation
- No ladders or lifts required
- Simplified maintenance
- Hot-dipped galvanized steel and aluminum finishes

Productos



Blackjack®
Grounding
Bushings



T&B® Fittings
Grounding
Fittings



T&B® Fittings
Stainless Steel
Liquidtight Fittings



Ocal®
OCAL-BLUE® Type 4X
Form 8 Conduit Bodies



T&B® Fittings
BlueKote®
Conduit Bodies



T&B® Fittings
Stainless Steel Liquidtight
Conduit and Cord Fittings



Hazlux®
Hazardous Location
Lighting



T&B® Fittings
STAR TECK® XP SS
and Aluminum Fittings



Nicote®
Metal Cable Glands



Russellstoll®
MaxGard® Explosion-Proof
Interlocked Receptacles



Emergi-Lite®
Lightalarms™
Emergency Lighting
Systems



Russellstoll®
GSUL Safe Ground
Indicator System

Productos



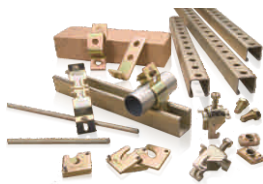
Ty-Rap®
Cable ties
for Quality



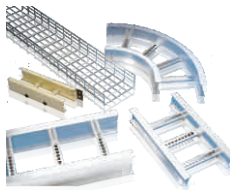
Catamount®
Twist Tail®
Cable Tie



Superstrut®
Metal framing
1 5/8"



Kindorf®
Metal framing
1 1/2"



T&B® Cable Tray



Blackburn®
Grounding Systems



Carlton®
Enclosures &
Junction Boxes



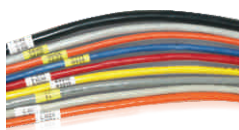
PMA®
Nylon Flexible
Conduit Systems



Adaptaflex®
Metallic & Specialty
Flexible Conduit
Systems



Kopex-Ex®
Hazardous Location
Conduit Systems



EZCODE®
Identification
Products



Ty-Duct®
Wiring Duct &
Wiring Trough



Steel City®
Metallic Boxes &
Covers



Carlton®
Non-Metallic
Boxes



Steel City®
Floor Boxes