

MORE POWER TO YOU

For over 70 years, Canadian electrical contractors, plant engineers and engineering consultants have placed their trust in Thomas & Betts electrical components. Today, Thomas & Betts offers a complete package of market-driven products and services designed to give you the power to succeed in today's economy.

THE POWER OF T&B ENGINEERED PRODUCTS AND SERVICES

Our products and services continue to set new standards for quality, reliability and innovation.

- Highly-focused sales, product support and customer service team dedicated to serving the industrial MRO and OEM markets.
- Guaranteed competitive pricing.
- The broadest offering of field-proven brand name products available from one manufacturer.
- "One order, one shipment" for thousands of standard products through your Thomas & Betts distributor.
- Reduced lead time on critical products through your Thomas & Betts distributor.
- Technical support via phone, fax on demand and the internet.
- ISO-certified manufacturing – quality engineering and manufacturing.
- Local and national inventory support.
- T&B Tool Lease program – the tools you need today without tomorrow's investment.

Thomas & Betts

THE POWER OF CHOICE

As North America's largest single source for electrical components, Thomas & Betts is powered by the longest and most complete list of reputable brand name products available from one manufacturer in the industry today. With services like "one order, one shipment" available through your Thomas & Betts distributor, the more T&B purchases you make, the more you can save. To request information about any of these products, contact your Regional Sales Office.

- All-Struct**™ Aluminum and steel structures
- Amerace**® Airfield lighting
- Battpac**™ Battery-powered and compression tools
- Blackburn**® Compression connectors
- Blackburn**® Grounding products
- Color-Keyed**® Compression connectors
- Elastimold**® Premolded connectors for underground distribution applications
- Emergi-Lite**® Emergency lighting systems
- ExpressTray**® Wire-mesh cable management system
- E-Z-Code**® Wire marker systems
- E-Z-Ground**® Compression connectors
- Furseweld**™ Exothermic connectors
- Hazlux**® Hazardous location lighting
- Iberville**® "Roughing-in" products
- Iberville**® Steel boxes and covers
- Lumacell**® Emergency lighting systems
- Marrette**® Wire connectors
- Meyer**® Transmission and light duty engineered steel poles
- Microelectric**® Meter sockets and pole line hardware
- Mipco**® Plugs, receptacles, modules power outlets and connectors
- Nutek**® Nonmetallic boxes
- Ocal**™ Coated products
- Partex**™ Wire marker systems
- Pos-E-Kon**™ Industrial connectors
- Power Solutions-Industrial**™ Power quality
- Ready-Lite**® Emergency lighting systems
- Red•Dot**® Weatherproof boxes and covers
- Reznor**® Heating, ventilation and cooling systems
- Russellstoll**® Plugs, receptacles and connectors
- Safe-Ty**™ Low profile in-line fasteners
- Shield-Kon**® Grounding connectors and tools
- Shrink-Kon**™ Insulation products
- Sta-Kon**® Terminals and application tools
- StarTeck**® Fittings for teck cable
- Steel City**® Floor boxes, access modules and poke-throughs
- Superstrut**® Metal framing, channel and accessories
- Sure-Ty**™ Automated fastening system
- T&B**® Cable tray systems
- T&B**® Conduit fittings
- Ty-Duct**™ Wiring duct
- Ty-Fast**® One-piece ties and accessories
- Ty-Rap**® Cable ties

Every effort is made to ensure the accuracy of the information contained in this catalogue at the time of publication. As part of our ongoing quality control program, we actively encourage customer input. Should you have any comments regarding the content of our catalogues, please forward them via e-mail to mrkt.canada@tnb.com or contact your Thomas & Betts sales representative.

Color-Keyed[®]

Blackburn[®]

Battpac[™]

T&B TOOLS



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Thomas & Betts

Introduction

An Unbeatable Tool Selection

Thomas & Betts offers a complete range of tools for industrial electrical applications. This catalogue provides a look at our extensive tool offering including manual, hydraulic, and battery-operated compression tools. You'll also find a comprehensive die selection chart that makes matching dies to tools fast and easy.

Whatever the application or budget, there's a Thomas & Betts tool that will help you get the job done faster and more efficiently.

Warranty and Service Providers

Thomas & Betts Tool Service

Thomas & Betts Tool Service has a staff of highly trained, experienced and dedicated technicians and application specialists to support our customers in every aspect of their tooling needs.

The Tool Service Department is capable of repairing all Thomas & Betts tools, from small tools to large hydraulic pumps and crimping heads. The department is also responsible for warranty repairs and will supply a loaner tool when necessary.

For customers capable of repairing their own tools, Tool Service also sells the component parts. In addition, the department can provide the technical data and information required.

Other services include the calibration or certification of tools to meet applicable standards including "in house" certification of tools for larger OEMs in conjunction with the ISO 9000 programs.

**Corporate Thomas & Betts
Tool Service**
8735 Hamilton Road, Southaven, MS 3867
Tel.: 662-342-1545 ext. 3930
1-800-284-866
Fax: 662-393-3929

**Centre de réparation
hydraulique Uptown Ltée**
464 St-Hubert
Laval, Quebec H7G 2Y9
Tel.: 514-387-6143
Fax: 450-667-8335

Trydor Industries Ltd.
1201 Franklin Street
Vancouver, British Columbia V6A 1L2
Tel.: 604-254-1695
1-800-567-8558
Fax: 604-254-6666

Warranty and Service Providers

Limited Warranty

Thomas & Betts manufactures its tools to be free of defects in material and workmanship for the time specified below. Should any defect occur during the specified time period, Thomas & Betts will repair or replace the tool at its option.

Limitations and Exclusions

This Warranty is in lieu of all other representations and expressed and implied warranties (including the implied warranties of merchantability and fitness for use) and under no circumstances shall Thomas & Betts be liable for any incidental or consequential property damages or losses.

This warranty is non-transferable and replacement of defective parts must be made at a facility designated by the manufacturer.

90 DAYS

- Electronic ally operated tools (printers, testers)
- Individual dies

2 YEARS

- Mechanical hand tools with ratchet or Shure-Stake® mechanisme
- Hydraulic pumps (battery operated tools included)

1 YEAR

- Pneumatic tools
- Cable cutters, strippers
- ID systems

5 YEARS

- Mechanical hand tools without ratchet or Shure-Stake® mechanisme
- Hydraulic tools (self-contained and remote heads)

Color-Keyed®

Direct all inquiries to the Thomas & Betts Regional Sales Office in your area.

Manual Compression Tools

Color-Keyed®

TBM45S Crimp Tool

- Wide range of #8 to #2 for copper lugs and #10 to #6 for aluminum lugs
- Each die has die code embossing
- Shure-Stake® mechanism ensures a properly completed crimp each time
- Color-coded die wheel rotates into position for proper die nest adjustment
- Also installs up to green color-coded C-taps and MD2 Series motor disconnects
- Requires two crimps per connector



Creates Diamond-style crimp



| Cat. No. | Description | Pkg. Qty |
|----------|--|----------|
| TBM45S | Crimp tool with Shure-Stake® mechanism for #8–#2 copper and #10–#6 aluminum lugs | 1 |

| | Conductor Size | | | | | |
|----------------------------|----------------|------------|------------|------------|-------------|-------------|
| | #10 Red | #8 Red | #6 Blue | #4 Grey | #2 Brown | #1 Green |
| Copper Connectors | | | | | | |
| One hole, short | | 54104 | 54134 | 54138 | 54107 | |
| | | | 54130 | 54105 | 54106 | 54142-TB |
| | | | 54131 | 54135 | 54139 | 54143-TB |
| | | | 54132 | 54136 | 54140 | 54145-TB |
| | | | 54104 | 54205 | 54206 | 54207 |
| Splice, short | | 54504 | 54505 | 54506 | 54507 | |
| One hole, long | | 54930BE | 54905BE | 54906BE | 54942BE | |
| Two hole, long | | 54850BE | 54852BE | 54854BE | 54856BE | |
| Splice, long | | 54804 | 54805 | 54806 | 54807 | |
| Cable Joints | | | 54610 | 54615 | 54620 | |
| Narrow Tongue | | | | 55112 | 55116 | |
| C-Taps | | 54705 | 54710 | 54715 | 54720 | 54725 |
| Motor Disconnects | | MD8 series | MD6 series | MD4 series | MD2 series | |
| Aluminum Connectors | | | | | | |
| One hole | 60096 | 60101 | 60106 | | | |
| | 60096 | 60102 | 60107 | | | |
| | 60099 | 60103 | 60108 | | | |
| | | 60104 | 60109 | | | |
| Splices | 60500 | 60501 | 60507 | | | |
| Bi-Pins | | 61905A | 61910A | | | |
| Equipment Lugs | | 61102 | 61107 | | | |

Manual Compression Tools

TBM4S Dieless Crimp Tool

- Wide range of #8 to 250 kcmil for copper lugs and #8 to 4/0 for aluminum lugs
- Adjustable indenter eliminates the need to buy and maintain numerous individual dies
- Shure-Stake® mechanism ensures a properly completed crimp each time
- Easily adjusted by turning knurled adjusting wheel and aligning pointer with proper terminal size
- Dieless adjustable crimper for Color-Keyed® compression connectors



Color-Keyed®

| Cat. No. | Description | Pkg. Qty |
|----------|---|----------|
| TBM4S | Dieless crimp tool with Shure-Stake® mechanism for #8-250 kcmil copper and #8-4/0 aluminum lugs | 1 |

Manual Compression Tools

Color-Keyed®

TBM5 and TBM5S* Crimp Tools

- Wide range of #8 to 250 kcmil for copper and #10 to 4/0 for aluminum lugs and splices
- Also install C-taps from 54705 to 54750
- *Shure-Stake® mechanism ensures a properly completed crimp each time
- Include color-coded, die-code-embossed installation dies



Creates Diamond-style crimp

| Cat. No. | Color Code | AL | CU | Die Cat. No. | Pkg. Qty |
|----------------------|------------|-----|-------|--------------|----------|
| TBM5 or TBM5S* | Red | 10 | 8 | 13454 | 1 |
| | Blue | 8 | 6 | | |
| | Grey | 6 | 4 | | |
| | Brown | | 2 | | |
| | Green | 4 | 1 | 13455 | |
| | Pink | 2 | 1/0 | | |
| | Black | | 2/0 | | |
| | Orange | | 3/0 | 13456 | |
| | Purple | | 4/0 | | |
| | Yellow | | 250 | | |
| | Gold | 1 | | 13457 | |
| | Tan | 1/0 | | | |
| | Olive | 2/0 | | | |
| | Ruby | 3/0 | | | |
| White | 4/0 | | 13458 | | |

Carrying Cases for TBM5 and TBM5S

| Cat. No. | Description | Pkg. Qty |
|------------|---|----------|
| 295-31365M | Steel Carrying Case for TBM5, TBM5S, TBM6 and TBM6S | 1 |
| 295-31365 | Plastic Carrying Case for TBM5, TBM5S, TBM6 and TBM6S | |

Manual Compression Tools

TBM6 and TBM6S* Crimp Tools



- Wide range of #8 thru 500 kcmil for copper lugs, splices and taps and #10 thru 350 kcmil for aluminum lugs and splices
- Also install 63105 through 63140 orange, green and blue H-taps
- *Shure-Stake® mechanism ensures a properly completed crimp each time
- Complete with plastic carrying case and wire brush
- No dies included

Color-Keyed®

| Cat. No. | Color Code | AL | CU | Upper Die Cat. No. | Lower Die Cat. No. | Pkg. Qty |
|----------------------|------------|-----|-----|--------------------|--------------------|----------|
| TBM6 or TBM6S* | Red | 10 | 8 | 13475 | 13477 | 1 |
| | Blue | 8 | 6 | 13472 | 13476 | |
| | Grey | 6 | 4 | 13474 | 13477 | |
| | Brown | | 2 | 13475 | 13476 | |
| | Green | 4 | 1 | 13474 | 13477 | |
| | Pink | 2 | 1/0 | 13475 | 13476 | |
| | Black | | 2/0 | 13473 | 13477 | |
| | Orange | | 3/0 | 13475 | 13476 | |
| | Purple | | 4/0 | 13473 | 13477 | |
| | Yellow | | 250 | 13474 | 13476 | |
| | Gold | 1 | | 13475 | 13477 | |
| | Tan | 1/0 | | 13473 | 13476 | |
| | Olive | 2/0 | | 13472 | 13477 | |
| | Ruby | 3/0 | | 13468 | 13476 | |
| | White | 4/0 | | 13475 | 13476 | |
| | Red | 250 | 350 | 13472 | 13468 | |
| | Blue | 300 | 400 | | | |
| Brown | | 500 | | | | |

Carrying Cases for TBM6 and TBM6S

| Cat. No. | Description | Pkg. Qty |
|------------|---|----------|
| 295-31365M | Steel Carrying Case for TBM5, TBM5S, TBM6 and TBM6S | 1 |
| 295-31365 | Plastic Carrying Case for TBM5, TBM5S, TBM6 and TBM6S | |

Manual Compression Tools

TBM8 and TBM8S* Crimp Tools



Creates Diamond-style crimp

- Install coded copper lugs and connectors #8 through 500 kcmil
- Install aluminum lugs and connectors #10 through 350 kcmil
- *Shure-Stake® mechanism ensures positive compression
- Included dies are color-coded and provide die-code embossing for easy installation and inspection
- Install all coded copper compression joints and a selection of small C-taps
- Complete with installing dies and wire brush in plastic carrying case

| Cat. No. | Color Code | AL | CU | Lower Die Cat. No. | Pkg. Qty | |
|----------------------|------------|-----|-----|--------------------|----------|-------|
| TBM8 or TBM8S* | Red | 10 | 8 | 13461 | 1 | |
| | Blue | 8 | 6 | | | |
| | Grey | 6 | 4 | | | |
| | Brown | | 2 | | | |
| | Green | 4 | 1 | 13462 | | |
| | Pink | 2 | 1/0 | | | |
| | Black | | 2/0 | | | |
| | Orange | | 3/0 | 13463 | | |
| | Purple | | 4/0 | | | |
| | Yellow | | 250 | 13464 | | |
| | Gold | 1 | | | | |
| | Tan | 1/0 | | | | |
| | Olive | 2/0 | | | | |
| | Ruby | 3/0 | | | | |
| | White | 4/0 | | 300 | | 13465 |
| | Red | 250 | | 350 | | 13466 |
| | Blue | 300 | | 400 | | 13467 |
| Brown | 350 | | 500 | 13468 | | |

Manual Compression Tools

TBM840 Crimp Tool



Color-Keyed®

- Wide range of #8 to 4/0 for copper connectors and splices
- Installs lugs and splices Series 54000 and 58000
- 8-position color-coded rotatable die
- Comfort hand grip
- Die index embossed for permanent inspectability
- Overall length: 23-3/4"
- Handle length: 16-1/2"
- Weight: 8.8 lb

| Cat. No. | Description | Pkg. Qty |
|----------|---|----------|
| TBM840 | Crimp Tool for #8 to 4/0 Copper Lugs c/w Rotating Color Coded Die Wheel | 1 |

Metric Compression Tools



- Specifications**
- Wire Range: 0.25 – 10 sq. mm
 - Dimensions (L x W): 9.21" x 2.87"
 - Weight: 1.15 lb

| Cat. No. | Description | Pkg. Qty |
|----------|-----------------------|----------|
| TBM25MCC | Mechanical Crimp Tool | 1 |

TBM25MCC Crimp Tool

- For non-insulated metric connectors
- High-precision heat treated steel jaws
- Ergonomically designed molded plastic grips
- Compact, lightweight and easy to use
- Toggle-action leverage reduces operator effort
- Shure-Stake® mechanism ensures a properly completed crimp each time
- Automatic handle opening after crimping operation



- Specifications**
- Output Force: 25.8 tons
 - Operating Pressure: 10,000 psi nominal
 - Dimensions (L x W): 12.4" x 4.7"
 - Weight: 11.4 lb

| Cat. No. | Description | Pkg. Qty |
|------------|----------------------------|----------|
| TBM26MCC | 26-Ton Hydraulic Presshead | 1 |
| TBM26M-ADP | Adaptor | 1 |

TBM26MCC 26-Ton Hydraulic Crimping Head

- Installs crimp-type electrical connectors on cables up to 500 mm²
- Includes male automatic coupler for connection to 10,000 psi hydraulic pump
- Optional adaptor (TBM26M-ADP) available for use with semicircular slotted dies common to most C-shaped heads (12-ton) available on the market
- Sturdy steel carrying case complete with die compartment for holding up to 10 sets of dies available on request



- Specifications**
- Output Force: 58.4 tons
 - Operating Pressure: 10,000 psi nominal
 - Dimensions (L x W): 12" x 7.9"
 - Weight: 39.6 lb

| Cat. No. | Description | Pkg. Qty |
|------------|----------------------------|----------|
| TBM60MCC | 60-Ton Hydraulic Presshead | 1 |
| TBM60M-ADP | Adaptor | 1 |

TBM60MCC 60-Ton Hydraulic Crimping Head

- Installs crimp-type electrical connectors on cables up to 1000 mm²
- Includes male automatic coupler for connection to 10,000 psi hydraulic pump
- Optional adaptor (TBM60M-ADP) available for use with semicircular slotted dies common to most C-shaped heads (12-ton) available on the market
- Sturdy steel carrying case complete with die compartment for holding up to 10 sets of dies available on request

Tools c/w adaptors can be used with standard 12 – 15 ton half shelled dies. Please contact your regional sales office for information concerning metric dies.

Power-Assisted Compression Tools

25000 Air-Operated Bench-Mount Crimp Tool

- Installs copper and aluminum connectors on wire sizes from 8 AWG to 500 kcmil
- Compact, heavy-duty pneumatic air tool
- Simple to operate – just insert stripped wire into connector barrel, position it in crimping nest and depress foot pedal to actuate crimping dies
- Uses same crimping dies as TBM6S (13000 series) (see pages 44 and 45)



Creates Diamond-style crimp



Color-Keyed®

| Cat. No. | Description | Pkg. Qty |
|----------|-------------------------------------|----------|
| 25000 | Air-Operated Bench-Mount Crimp Tool | 1 |

Power-Assisted Compression Tools

Color-Keyed®

Battpac™ BPLT62BSCR/BPLT62500BSCR 6-Ton Compression Tools

- Ergonomic design and reduced weight for operator comfort
- New double-speed feature decreases crimp time by doubling jaw speed until it reaches full cycle
- New, more powerful Ni-MH battery has 50% more energy and less memory effect than old batteries
- Rotating head allows maximum flexibility for crimping
- Uses TBM62 Series dies (refer to page 45)
- Approx. 200 crimps per battery charge (based on 3/0 AWG cable)

Specifications

- Installing Range:
Up to 500 kcmil copper lugs and splices
Up to 350 kcmil aluminum lugs and splices
54705 to 54750 C-taps
- Output Force: 6 tons
- Dimensions (L x W x H): 11" x 3-3/4" x 11-7/8"
- Battery: Ni-MH 14.4V 3.0Ah
- Weight with Battery: 8 lb



Creates Hex-style crimp

| Cat. No. | Description | Pkg. Qty |
|----------------------|--|----------|
| BPLT62BSCR | Battpac™ LT Tool Kit. Includes tool, two batteries, charger, shoulder strap, wrist strap, carrying case (no dies). | 1 |
| BPLT62500BSCR | Complete Battpac™ LT Tool Kit with dies TBM6221 through TBM6287. | |

Power-Assisted Compression Tools

The Lightest and Most Compact Crimp Tool in its Class!

BPI42300CR Battpac™ LT 4-Ton Cordless Crimp Tool

- Lightweight, balanced, ergonomic design and extremely quiet operation with minimal vibration for superior user comfort.
- For convenience, its closed-yoke head rotates 180° for easy access in tight spaces but can be opened to enable crimping of connected wiring.
- It uses the same TBM62 Series hex crimp dies as Color-Keyed® Battpac™ LT 6-ton compression tools.

Specifications

- Installing Range:
Up to 300 kcmil copper or 4/0 AWG aluminum lugs and splices
- Output Force: 4 tons
- Dimensions (L x W x H): 14.6" x 2.6" x 4.2"
- Battery: Ni-MH 9.6V 2.0Ah
- Weight with Battery: 5.3 lb
- Including Dies: TBM6221, TBM6224, TBM6233, TBM6242, TBM6245, TBM6250, TBM6254, TBM6262, TBM6266



Color-Keyed®

| Cat. No. | Description | Pkg. Qty |
|-------------------|---|----------|
| BPI42300CR | Battpac™ LT 4-ton Inline Tool with Die Sets. Includes tool, 2 NI-MH batteries, battery charger, battery adaptor, carrying case and TBM62 Series hex crimp dies and charts | 1 |

Power-Assisted Compression Tools

Color-Keyed®

Balanced, Inline Design for Better Handling and Greater Control.

4-Ton Battery-Powered Crimping Tool

This new 4-Ton Battery-Powered Crimping Tool weighs only 6.4 lb — including battery — but yields 4 tons of output force for crimping T&B service entry connectors and lugs or splices up to 300 kcmil copper or 4/0 AWG aluminum. The jaws automatically return to the open position after the completion of a crimp, but you can stop the automatic jaw return at any time for ease of positioning in confined spaces.

- Offers extremely quiet operation with minimal vibration
- Equipped with maximum pressure valve for safety
- Durable molded body offers high resistance to wear and damage in tough field conditions.
- Fixed 5/8" BG and D grooves; accepts all W style dies
- Includes 0 die insert
- Crimps select Homac®, Blackburn® and Color-Keyed® connectors

| Cat. No. | Description | Pkg. Qty |
|---------------|--|----------|
| BP4UCR | Includes tool, 0 die insert, two batteries, charger and durable plastic carrying case. | 1 |



Specifications

- Installing Range:
Up to 300 kcmil copper or 4/0 AWG aluminum lugs and splices
- Output Force: 4 tons
- Dimensions (L x W x H): 17.7" x 2.6" x 4.7"
- Battery: Ni-MH 9.6V 3.0Ah
- Weight with Battery: 6.4 lb



Creates Hex-style crimp



Battpac™ BPLT6BSCR 6-Ton Compression Tool

- Open yoke design allows for maximum crimping flexibility
- New double-speed feature decreases crimp time by doubling jaw speed until it reaches full cycle
- New, more powerful Ni-MH battery has 50% more energy and less memory effect than old batteries
- Uses 6-TON Series dies and Blackburn "O" and "D" Series dies (refer to pages 45 and 46)
- Compatible with Burndy "W" die
- Approx. 200 crimps per full battery charge (based on 3/0 AWG cable)

Specifications

- Installing Range:
Up to 600 kcmil copper lugs & splices
Up to 400 kcmil aluminum lugs & splices
CHT814-10 to CHT214-9 copper H-taps
63105 to 63148 aluminum H-taps
54705 to 54750 C-taps
- Output Force: 6 tons
- Dimensions (L x W x H):
11" x 3-3/4" x 11-7/8"
- Battery: Ni-MH 14.4V 3.0Ah
- Weight with Battery: 8 lb

| Cat. No. | Description | Pkg. Qty |
|------------------|--|----------|
| BPLT6BSCR | Battpac™ LT Tool Kit. Includes tool, two batteries, charger, shoulder strap, carrying case (no dies) | 1 |

DIEADPODW – Accepts O + D Blackburn® dies and Burndy W series dies
DIEADP62 – Adaptor to accept TBM6200 series dies
DBL – "D" Blackburn® connector compression die
OJB – "O" Blackburn® connector compression die

Power-Assisted Compression Tools

BPLT6500BSCR Battpac™ LT 6-Ton Compression Tool and Die Sets

- Open-yoke design provides maximum crimping flexibility
- Double-speed feature maximizes efficiency by doubling jaw speed until it reaches full cycle
- Powerful Ni-MH battery yields more crimps per charge
- Ships complete with 16 TBM Series hex crimp dies for 8 AWG to 500 kcmil copper (10 AWG to 350 kcmil aluminum)
- Also accepts Color-Keyed® 6TON and, with adaptor, Blackburn® O and D Series dies (refer to pages 45 and 46)
- Approx. 200 crimps per battery charge (based on 3/0 AWG cable)
- Compatible with Burndy "W" dies



Creates Hex-style crimp



Specifications

- Installing Range:
 - Up to 600 kcmil copper lugs & splices
 - Up to 400 kcmil aluminum lugs & splices
 - CHT814-10 to CHT214-9 copper H-taps
 - 63105 to 63148 aluminum H-taps
 - 54705 to 54750 C-taps
- Output Force: 6 tons
- Dimensions (L x W x H): 12" x 2-1/4" x 3-9/16"
- Battery: Ni-MH 14.4V 3.0Ah
- Weight with Battery: 6.5 lb

| Cat. No. | Description | Pkg. Qty |
|---------------------|---|----------|
| BPLT6500BSCR | Battpac™ LT 6-Ton Tool Kit. Includes BPLT6BSCR tool, two Ni-MH batteries, charger, shoulder strap, carrying case and 16 crimp case and 16 crimp dies from TBM6221 through TBM6287 | 1 |

DIEADPODW – Accepts O + D Blackburn® dies and Burndy W series dies
DIEADP62 – Adaptor to accept TBM6200 series dies
DBL – “D” Blackburn® connector compression die
OJB – “O” Blackburn® connector compression die

Color-Keyed®

Manual and Power-Assisted Compression Tools

SMART™ Tool

- Automatically compresses to the correct depth based on size of connector in jaws
- C-type head swivels 90° for easy crimp positioning
- Forged steel construction is well suited for both field and bench work
- Installs both Color-Keyed® and non-insulated Sta-Kon® connectors

How the SMART™ Tool Works

The SMART™ Tool was engineered with built-in intelligence* that enables it to sense the connector barrel diameter and automatically apply just the right amount of compression force. This eliminates virtually all air spaces and forms the connector and conductor strands into a solid mass, resulting in a high-quality, low-resistance connection. In addition, the tool clearly embosses “T&B” with each compression for positive verification that the correct tool was used.

* *Novopress System*

Uniform, Dependable Connections

The SMART™ Tool gives you consistent, high-quality compression connections over a wide range of connector sizes. Available in manual, battery-powered and air-operated versions, this tool easily installs lugs and splices from #8 AWG through 900 kcmil copper or 750 kcmil aluminum — without changing dies. For the specified wire range, all you need is one tool. You always have the right die size, eliminating die selection mistakes.

Lower Installation Costs

Productivity will be greatly improved with the SMART™ Tool, especially when installing a variety of connector sizes or types. Initial investment is low, requiring minimal tool inventory. These benefits add up to lower installed cost.

C-Type Yoke Offers Installation Convenience

The C-type yoke configuration and large die spacing enable the SMART™ Tool to slip directly over the connector. This means added speed and convenience when installing two-way splice connectors, especially in confined spaces.

SMART™ Tool Range – Taking Features

The following size Color-Keyed® lugs and splice connectors, when crimped with the SMART™ Tools, produce these range-taking capabilities:

| Copper | | Aluminum | |
|--------------------|----------------|--------------------|----------------|
| Standard Wire Size | Range Taking | Standard Wire Size | Range Taking |
| 1/0-AWG | #6-1/0 AWG | 1/0-AWG | #6-1/0 AWG |
| 2/0-AWG | #1-2/0 AWG | 2/0-AWG | #1-2/0 AWG |
| 4/0-AWG | #2-4/0 AWG | 4/0-AWG | #2-4/0 AWG |
| 300 kcmil | #2/0-300 kcmil | 300 kcmil | #2/0-300 kcmil |
| 350 kcmil | 250-350 kcmil | 350 kcmil | 250-350 kcmil |
| 500 kcmil | 250-500 kcmil | 500 kcmil | 4/0-500 kcmil |
| 750 kcmil | 500-750 kcmil | 750 kcmil | 500-750 kcmil |

Manual and Power-Assisted Compression Tools

TBM8-750M-1 12-Ton Dieless Manual Hydraulic SMART™ Tool

Specifications

- Installing Range:
Up to 900 kcmil copper lugs & splices
Up to 750 kcmil aluminum lugs & splices
- Output Force: 12 tons
- Dimensions (L x W): 21-1/2" x 4-7/32"



Creates Indent-style crimp



Color-Keyed®

| Cat. No. | Description | Pkg. Qty |
|-------------|--|----------|
| TBM8-750M-1 | 12-Ton Dieless Manual Hydraulic Compression Tool | 1 |

Battpac™ LT TBM8-750BSCR 12-Ton Dieless Battery-Powered SMART™ Tool

Specifications

- Installing Range:
Up to 900 kcmil copper lugs & splices
Up to 750 kcmil aluminum lugs & splices
- Min. of 40 crimps (4/0 AWG per battery charge)
- Output Force: 12 tons
- Dimensions (L x W x H): 19-1/2" x 3-7/8" x 8-1/2"
- Battery: Ni-MH 14.4V 3.0Ah
- Weight with Battery: 9 lb



Creates Indent-style crimp

| Cat. No. | Description | Pkg. Qty |
|--------------|--|----------|
| TBM8-750BSCR | 12-Ton Dieless Battery-Powered Compression Tool. Includes carrying case, charger, two batteries and carry strap. | 1 |

TBM8-750 12-Ton Dieless SMART™ Hydraulic Head

Specifications

- Installing Range:
Up to 900 kcmil copper lugs & splices
Up to 750 kcmil aluminum lugs & splices
- Output Force: 12 tons
- Operating Pressure: 10,000 psi nominal
- Dimensions (L x W x H): 14-1/2" x 4-7/32" x 2-9/16"
- Weight: 9 lb



Creates Indent-style crimp



| Cat. No. | Description | Pkg. Qty |
|----------|---|----------|
| TBM8-750 | 12-Ton Dieless Hydraulic Compression Head | 1 |

Manual and Power-Assisted Compression Tools

Color-Keyed®



Creates Hex-style crimp



TBM14M 14-Ton Manual Hydraulic Crimp Tool

- Features fiberglass handles for insulation and ease of use in tight spaces
- Two-stage pump provides rapid advance for fast installation
- Uses standard T&B Color-Keyed® 15500 Series dies (refer to pages 39, 45 and 46)

Specifications

- Installing Range:
 - Up to 900 kcmil copper lugs & splices
 - Up to 750 kcmil aluminum lugs & splices
 - 63105 to 63148 aluminum H-taps
 - 54755 to 54775 C-taps
- Output Force: 14 tons
- Length: 24"
- Weight without Dies: 15.4 lb

| Cat. No. | Description | Pkg. Qty |
|----------|--|----------|
| TBM14M | 14-Ton Manual Hydraulic Crimp Tool with Case | 1 |

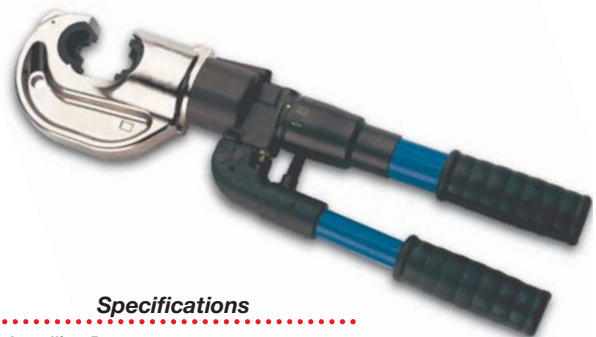
TBM14M C 14-Ton Compact Manual Hydraulic Crimp Tool

- Improved ergonomic design requires less force
- 180° rotating head for use in tight spaces
- 1.65" jaw opening accommodates large compression terminals and joints
- Dual-speed action pump offers fast advancing speed for approach of die to connector and slower, more powerful speed for crimping
- Built-in safety valve bypasses oil supply at maximum pressure
- Pressure-release system can be activated at any stage of compression
- Uses standard T&B Color-Keyed® 15500 Series dies (refer to pages 39, 45 and 46)

| Cat. No. | Description | Pkg. Qty |
|----------|-------------------------------------|----------|
| TBM14MC | 14-Ton Compact Hydraulic Crimp Tool | 1 |



Creates Hex-style crimp



Specifications

- Installing Range:
 - Up to 900 kcmil copper lugs & splices
 - Up to 750 kcmil aluminum lugs & splices
- Output Force: 14 tons
- Length: 20-1/2"
- Weight without Dies: 14 lb
- Complete with carrying case

Manual and Power-Assisted Compression Tools

Battpac™ TBM14BSCR Hermetically Sealed 14-Ton Battery-Powered Compression Tool

- Weather-resistant, non-ventilated body for maximum protection from the elements
- Double-speed feature decreases crimp time by doubling jaw speed until it reaches full cycle
- 180° rotating head
- 75Kv live line rated
- Insulated crimping head
- 20-minute rapid battery charger
- Includes two batteries
- Uses standard T&B Color-Keyed® 15500 series dies (refer to pages 39, 45 and 46)
- Approx. 70 crimps per battery charge (based on 3/0 AWG cable)



Creates Hex-style crimp



Specifications

- Installing Range:
 - Up to 900 kcmil copper lugs & splices
 - Up to 750 kcmil aluminum lugs & splices
 - CHT814-10 to CHT2502-6 copper H-taps
 - 63105 to 63148 aluminum H-taps
 - 54755 to 54775 C-taps
- Output Force: 14 tons
- Dimensions (L x W x H): 19" x 3-1/2" x 10-1/2"
- Battery: 14.4V 3.0Ah Ni-Cd
- Weight without Dies: 20 lb

| Cat. No. | Description | Pkg. Qty |
|------------------|---|----------|
| TBM14BSCR | Hermetically sealed unit. Includes carrying case, charger, two batteries, carry strap | 1 |

Color-Keyed®

Power-Assisted Compression Tools

Color-Keyed®

Battpac™ BPLT14BSCR/BPLT14BSCRI 14-Ton Battery-Powered Compression Tools



Creates Hex-style crimp



Specifications

- Installing Range:
 - Up to 900 kcmil copper lugs & splices
 - Up to 750 kcmil aluminum lugs & splices
 - CHT814-10 to CHT2502-6 copper H-taps
 - 63105 to 63148 aluminum H-taps
 - 54755 to 54775 C-taps
- Output Force: 14 tons
- Dimensions (L x W x H): 18-1/8" x 3-7/8" x 10"
- Battery: 14.4V 3.0Ah Ni-MH
- Weight with Battery: 18.1 lb

- Reduced weight and ergonomic design
- Double-speed feature decreases crimp time by doubling jaw speed until it reaches full cycle
- Rotating head allows maximum flexibility for crimping
- Includes two Makita 14.4V Ni-MH batteries (3.0 Ah)
- Built-in LED battery power indicator
- On-tool DC power jack
- Approx. 70 crimps per battery charge (based on 3/0 AWG cable)
- Use standard T&B Color-Keyed® 15500 series dies (refer to pages 39, 45 and 46)

| Cat. No. | Description | Pkg. Qty |
|--------------------|---|----------|
| BPLT14BSCR | Battpac™ 14-Ton Compression Tool. Includes carrying case, charger, two batteries, carry strap | 1 |
| BPLT14BSCRI | Same as above, but fully insulated | |

TBM14RH 14-Ton Remote Hydraulic Head



Creates Hex-style crimp



- Crimps connectors up to 900 kcmil copper and 750 kcmil aluminum
- Wide, 1.65" jaw opening accommodates large connectors
- Quick automatic coupler enables fast connection to hydraulic systems
- Requires hydraulic pump with working pressure of 10,000 psi
- Provides 14 tons of crimping force
- Includes carrying case (dies sold separately)
- Use standard T&B Color-Keyed® 15500 series dies (refer to pages 39, 45 and 46)

Specifications

| Cat. No. | Description | Pkg. Qty |
|----------------|--------------------------|----------|
| TBM14RH | 14-Ton Crimp Remote Head | 1 |

- Installing Range:
 - Up to 900 kcmil copper lugs & splices
 - Up to 750 kcmil aluminum lugs & splices
 - 54755 to 54775 C-taps
- Output Force: 14 tons
- Dimensions (L x W x H): 9-1/8" x 3-3/4" x 4-7/8"
- Weight: 8.5 lb

Power-Assisted Compression Tools

13100A 14-Ton Hydraulic Crimping Head



Creates Hex-style crimp



- Rugged design, made to last in field or on bench
- C-yoke provides maximum flexibility for crimping
- Uses standard T&B Color-Keyed® 15500 series dies (refer to pages 39, 45 and 46)
- Operates on 10,000 psi hydraulic pumps

Specifications

- Installing Range:
 - Up to 900 kcmil copper lugs & splices
 - Up to 750 kcmil aluminum lugs & splices
 - CHT814-10 to CHT2502-6 copper H-taps
 - 63105 to 63148 aluminum H-taps
 - 54755 to 54775 C-taps
- Output Force: 14 tons
- Operating Pressure: 10,000 psi nominal
- Dimensions (L x W x H): 11-1/2" x 2-1/2" x 4-1/4"
- Weight: 10 lb

| Cat. No. | Description | Pkg. Qty |
|----------|---------------------------------------|----------|
| 13100A | 14-Ton Hydraulic Head with Steel Case | 1 |

Battpac™ TBM15BSCR Hermetically Sealed 15-Ton Battery-Powered Compression Tool

(Also available complete with Smart™ Battery TBM15BSCR-SM)

- Weather-resistant, non-ventilated body for use in the most corrosive environments
- High grade forged steel head rotates 180°
- Rapid jaw-advance feature allows the operator quicker compression cycles
- 75Kv live line rated
- 20-minute rapid battery charger
- Approx. 60 crimps per battery charge (based of 3/0 AWG cable)
- Uses 15600 Series dies; can also use 15500 Series dies with 15500-TB adaptor (refer to pages 39, 45 and 46))

Specifications

- Installing Range:
 - Up to 1500 kcmil copper lugs & splices
 - Up to 1000 kcmil aluminum lugs & splices
 - CHT814-10 to CHT750-350-1F copper H-taps
 - 63105 to 63180 aluminum H-taps
 - 54755 to 54790 C-taps
- Output Force: 15 tons
- Dimensions (L x W x H): 21" x 3-1/2" x 11"
- Battery: 14.4V 3.0Ah Ni-Cd
- Weight with Battery: 23.75 lb



Creates Hex-style crimp

| Cat. No. | Description | Pkg. Qty |
|-----------|---|----------|
| TBM15BSCR | 15-Ton Battery-Powered Compression Tool. Includes carrying case, charger, two batteries, carry strap. | 1 |
| 15500-TB | Die adaptor for 15500 series dies | |

Suggested replacement oil T&B Cat. No. 21061 or any light weight hydraulic fluid or automatic transmission fluid is recommended. Do not use silicon based fluids.

Color-Keyed®

Power-Assisted Compression Tools

Color-Keyed®



Creates Hex-style crimp



Specifications

- Installing Range:
 - Up to 1500 kcmil copper lugs & splices
 - Up to 1000 kcmil aluminum lugs & splices
 - CHT814-10 to CHT750-350-1F copper H-taps
 - 63105 to 63180 aluminum H-taps
 - 54755 to 54790 C-taps
- Output Force: 15 tons
- Dimensions (L x W x H): 21" x 3-1/2" x 11"
- Battery: 14.4V 3.0Ah Ni-MH
- Weight with Battery: 23.75 lb

Battpac™ BPLT15BSCR 15-Ton Battery-Powered Compression Tool

- Rotating head allows maximum flexibility for crimping
- Double-speed feature decreases crimp time by doubling jaw speed until it reaches full cycle
- Includes two Makita 14.4V Ni-MH batteries (3.0 Ah)
- Built-in LED battery power indicator
- On-tool DC power jack
- Approx. 60 crimps per battery charge (based on 3/0 AWG cable)
- Uses T&B Color-Keyed® 15500 Series dies (refer to pages 39, 45 and 46)

| Cat. No. | Description | Pkg. Qty |
|-------------------|--|----------|
| BPLT15BSCR | 15-Ton Compression Tool. Includes carrying case, charger, two batteries, and carry strap | 1 |



Creates Hex-style crimp



Specifications

- Installing Range:
 - Up to 1500 kcmil copper lugs & splices
 - Up to 1000 kcmil aluminum lugs & splices
 - CHT814-10 to CHT750-350-1F copper H-taps
 - 63105 to 63180 aluminum H-taps
 - 54755 to 54790 C-taps
- Output Force: 15 tons
- Operating Pressure: 10,000 psi nominal
- Dimensions (L x W x H): 15-3/4" x 2-5/8" x 4-3/8"
- Weight: 16.5 lb

TBM15I 15-Ton Hydraulic Crimping Head

- Head made of forged steel and insulated with rubber boot
- Longer, slimmer design enables easier access into tight spaces, such as in cable tray and central office applications
- Wider jaw opening eases crimping of larger lugs, C-taps and H-taps
- Uses 15600 Series dies; can also use 15500 Series dies with 15500-TB adaptor (refer to pages 39, 45 and 46)

| Cat. No. | Description | Pkg. Qty |
|---------------|---|----------|
| TBM15I | Insulated 15-Ton Hydraulic Head with Steel Case | 1 |

15600 Series – Fits directly into tool for larger size connectors, 800 kcmil–1,500 kcmil. 15500 Series – Used in conjunction with 15500-TB Adaptor, #8 AWG–750 kcmil

21940 40-Ton Hydraulic Crimping Head

Specifications

- Installing Range:
 - Up to 2000 kcmil copper lugs & splices
 - Up to 2000 kcmil aluminum lugs & splices
- Output Force: 40 tons
- Operating Pressure: 10,000 psi nominal
- Dimensions (L x W x H): 12" x 4-3/4" x 7-3/8"
- Weight: 40 lb



Creates Hex-style crimp

- Compact design delivers maximum pressure for larger lugs and splices
- Ideal for applications requiring larger lugs up to 2000 kcmil
- Uses 11300 and 11400 Series dies (refer to pages 39 and 45)

| Cat. No. | Description | Pkg. Qty |
|--------------|---------------------------------------|----------|
| 21940 | 40-Ton Hydraulic Head with Steel Case | 1 |

Suggested replacement oil T&B Cat. No. 21061 or any light weight hydraulic fluid or automatic transmission fluid is recommended. Do not use silicon based fluids.

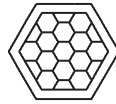
Power-Assisted Compression Tools

TBM12 12-Ton Hydraulic Crimp Head

- Rugged steel construction is durable for most applications
- Includes five sets of multi-nested dies
- Dies emboss die code on connectors for easy inspection
- Closed yoke design yields maximum crimp performance
- Uses TBM12D style dies (refer to pages 44 and 46)

Specifications

- Installing Range:
 - Up to 900 kcmil copper lugs & splices
 - Up to 750 kcmil aluminum lugs & splices
 - 54755 to 54775 C-taps
- Output Force: 12 tons
- Operating Pressure: 10,000 psi nominal
- Dimensions (L x W x H): 14-1/4" x 2-1/2" x 3-7/8"
- Weight: 9 lb



Creates Hex-style crimp



| Cat. No. | Description | Pkg. Qty |
|----------|---------------------------------------|----------|
| TBM12 | 12-Ton Hydraulic Head with Steel Case | 1 |

If using old style 11700 Series Die Set, use adaptor, Cat. # TBM12D-AR (not included) for adaptation to the above tool. Order adaptor separately.

13642M 12-Ton Hydraulic Crimping Head

- Rugged steel construction is durable for most applications
- Used for Color-Keyed® and Sta-Kon® connectors
- The only military-listed hydraulic head (Mil. Spec. MS25441-1)
- Uses 11700 Series dies for Color-Keyed® connectors (refer to pages 44 and 46)

Specifications

- Installing Range:
 - Up to 900 kcmil copper lugs & splices
 - Up to 750 kcmil aluminum lugs & splices
 - 54755 to 54775 C-taps
- Output Force: 12 tons
- Operating Pressure: 10,000 psi nominal
- Dimensions (L x W x H): 14-1/2" x 2-1/2" x 3-15/16"
- Weight: 9 lb



Creates Hex-style crimp

| Cat. No. | Description | Pkg. Qty |
|----------|---------------------------------------|----------|
| 13642M | 12-Ton Hydraulic Head with Steel Case | 1 |

Color-Keyed®

Hydraulic Pumps

13606 Foot/Hand-Operated and 13604 Hand-Operated Hydraulic Pump

Color-Keyed®



- 13606 operates with either foot or hand; 13604 is hand operated only
- Operate all T&B hydraulic heads
- Built-in safety bypass valve
- Factory set at 9,800 psi

Specifications

- Nominal Pressure: 9,800 psi
- Pumping Capacity: 2.6 cu. in./min. @ 200 psi
0.16 cu.in./min. @ 10,000 psi
- Reservoir Volume: 125 cu.in. (0.54 gal.)
- Max. Handle Force: 130 lb
- Dimensions (L x W x H): 23" x 5-3/4" x 6-3/4"
- Weight: 29 lb

| Cat. No. | Description | Pkg. Qty |
|----------|--|----------|
| 13606 | Combination Hand or Foot-Operated Hydraulic Pump | 1 |
| 13604 | Hand-Operated Hydraulic Pump | |

Battpac™ BPLT13970P2 Pump

- Small and lightweight
- 60 minutes full recharge
- Highly visible display indicates battery power level
- Socket for 24 VDC external connection
- Operation in any position: on its side or upright
- Separate operation/release buttons protect against accidental operation
- Energy consumption limited by automatic shut-off
- Easily accessible oil top-up inlet



Specifications

- Nominal Pressure: 10,000 psi
- Pumping Capacity: 30 cu.in./min.
- Reservoir Volume: 60 cu.in. (.26 gal.)
- Dimensions (L x W x H): 13-1/2" x 6-1/2" x 12-3/4"
- Battery: Ni-MH 24V, 3.0 Ah
- Weight with Battery: 20.9 lb

Battery Performance Guide

In tests, the number of crimps obtained from a fully charged battery, using a remote crimping head, was:

- 102 crimps for Cu connectors on 250 kcmil Cu conductor
- 98 crimps for C-Tap connectors on #2 AWG Cu conductor
- 76 crimps for Cu sleeve connectors on 500 kcmil Cu conductor

| Cat. No. | Description | Pkg. Qty |
|-------------|---|----------|
| BPLT13970P2 | Battpac™ Pump includes canvas accessories carrying bag, carrying strap, remote hand controller, two batteries, battery charger and non-drip couplings | 1 |
| BPLT13970RB | Ni-MH 24V Replacement battery | 1 |
| BPLT13970RP | Canvas backpack for pump | 1 |
| BPLT13970DC | Power connecting cable with clips | 1 |
| BPLT13970FS | Remote foot pedal controller | 1 |

Suggested replacement oil T&B Cat. No. 21061 or any light weight hydraulic fluid or automatic transmission fluid is recommended. Do not use silicon based fluids.

Hydraulic Pumps

13600 Electric Hydraulic Pump

- Designed for use with single-acting cylinders and tools rated for 10,000 psi operation
- Supplied with metal carrying case
- 13620 hand switch and 13619 hydraulic hose, both sold separately, required for operation

Specifications

- Motor: 1/2 hp, 115V 50–60 Hz 10 A
- Pumping Capacity:
 - 170 cu. in./min. at 100 psi
 - 32 cu.in./min. at 1,000 psi
 - 25 cu.in./min. at 5,000 psi
 - 18 cu.in./min. at 10,000 psi
- Reservoir Volume: 04 cu.in. (.45 gal.)
- Basic Pump Dimension: 6" x 8" x 16"
- Weight: 25 lb
- Nominal pressure: 10,000 psi

| Cat. No. | Description | Pkg. Qty |
|--------------------|---|----------|
| 13600 | Electric Hydraulic Pump – hand or foot switch and nonmetallic hose (sold separately) required for operation | 1 |
| Accessories | | |
| 13620 | Hand Switch – 10 ft | 1 |
| 13589A | Foot Switch – 10 ft | 1 |
| 13619 | 10 ft Nonmetallic Hose | 1 |
| 13618 | 20 ft Nonmetallic Hose | 1 |
| 13600S | “Sled” type stand for 13600 pump | 1 |



Suggested replacement oil T&B Cat. No. 21061 or any light weight hydraulic fluid or automatic transmission fluid is recommended. Do not use silicon based fluids.

13610A Electric Hydraulic Pump with Shure-Stake® Control



- Shure-Stake® control mechanism requires 9,800 psi pump pressure before recycling to prevent under-crimping
- Designed for use with single-acting cylinders and tools rated for 10,000 psi operation
- Supplied with metal carrying case

Specifications

- Motor: 1/2 hp, 115V 50–60 Hz 12.5 A
- Pumping Capacity:
 - 170 cu. in./min. at 100 psi
 - 32 cu.in./min. at 1,000 psi
 - 25 cu.in./min. at 5,000 psi
 - 18 cu.in./min. at 10,000 psi
- Reservoir Volume: 104 cu.in. (.45 gal.)
- Basic Pump Dimension: 8-1/2" x 10-1/2" x 16"
- Weight: 35 lb
- Nominal pressure: 10,000 psi

| Cat. No. | Description | Pkg. Qty |
|--------------------|--|----------|
| 13610A | Electric Hydraulic Pump with Shure-Stake® – hand or foot switch and non-metallic hose (sold separately) required for operation | 1 |
| Accessories | | |
| 13611 | Hand Switch – 10 ft | 1 |
| 13612 | Foot Switch – 10 ft | 1 |
| 13619 | 10 ft Non-metallic Hose | 1 |
| 13618 | 20 ft Non-metallic Hose | 1 |

Suggested replacement oil T&B Cat. No. 21061 or any light weight hydraulic fluid or automatic transmission fluid is recommended. Do not use silicon based fluids.

Color-Keyed®

Hydraulic Pumps

13810 Heavy-Duty Electric Hydraulic Pump with Shure-Stake® Control

Color-Keyed®



- Designed for perfect crimps every time in heavy-duty OEM applications
- Heavy-duty OEM two-stage pump with high flow rate
- Shure-Stake® control mechanism requires 9,800 psi pump pressure before recycling to prevent under-crimping
- Requires hand or foot control (sold separately)

Specifications

- Motor Rating: 1-1/2 hp, 115V, 60 Hz, 23 A
- Pumping Capacity: 235 cu.in./min. at 200 psi
61 cu.in./min. at 8,000 psi
- Reservoir Volume: 462 cu. in. (2 gal.)
- Dimensions (L x W x H): 10-3/4" x 15" x 20-3/4"
- Weight: 60 lb
- Nominal Pressure: 10,000 psi

| Cat. No. | Description | Pkg. Qty |
|--------------------|---|----------|
| 13810 | Heavy-duty electric hydraulic pump with Shure-Stake® control – hand or foot switch and non-metallic hose (sold separately) required for operation | 1 |
| <i>Accessories</i> | | |
| 13611 | Hand Switch – 10 ft | 1 |
| 13612 | Foot Switch – 10 ft | 1 |
| 13619 | 10 ft Non-metallic Hose | 1 |
| 13618 | 20 ft Non-metallic Hose | 1 |
| 21061 | Hydraulic Oil | 1 |
| 13798 | Male Pioneer Quick Disconnect Coupler | 1 |
| 13799 | Female Pioneer Quick Disconnect Coupler | 1 |
| 13614 | Metallic Reinforced Hose for OEM operations – 10 ft | 1 |

Suggested replacement oil T&B Cat. No. 21061 or any light weight hydraulic fluid or automatic transmission fluid is recommended. Do not use silicon based fluids.

Cable Strippers, Cutters and Other Tools

Battery Connector Crimp Tools

- Available with Shure-Stake® mechanism to ensure a complete crimp every time (BCT840S)
- Crimps casting and tubular battery connectors ranging from 4 AWG to 4/0
- Heavy-duty crimping tool including die for 8 AWG-4/0 battery connectors, lugs and splices
- The single die is an integral part of the tool; no dies to lose or misplace

BCT840, BCT840S



TBM5SV, TBM5V

Color-Keyed®

| Cat. No. | Description | Pkg. Qty |
|----------|---|----------|
| BCT840 | Adjustable Dieless Crimp Tool for cast and tubular battery connectors | 1 |
| BCT840S | Adjustable Dieless Crimp Tool with Shure-Stake® mechanism for cast and tubular battery connectors | |
| TBM5V | Ratchet Crimp Tool with die for 8 AWG to 4/0 battery connectors | |
| TBM5SV | Ratchet Crimp Tool with Shure-Stake® and die for 8 AWG to 4/0 battery connectors | |

BCS8-40 Battery Cable Stripper



| Cat. No. | Description | Pkg. Qty |
|----------|--|----------|
| BCS8-40 | Cable stripper for 8 AWG-4/0 battery cable with replacement blade provided in the handle | 1 |

368-CK Cable Stripper



| Cat. No. | Description | Pkg. Qty |
|----------|--------------------------------------|----------|
| 368-CK | Cable stripper for #1 to 1,000 kcmil | 1 |

Cable Cutters

364RF/366RF Cable Cutters with Fiberglass Handles

Color-Keyed®



| Cat. No. | Description | Pkg. Qty |
|----------|--|----------|
| 364RF | Cutter for up to 500 kcmil copper and aluminum | 1 |
| 366RF | Cutter for up to 1,000 kcmil copper and aluminum | 1 |

For copper and aluminum cable only. Not for steel.

Contact Tool Service for replacement blades.

TBM40HC Hand-Operated Hydraulic Cutting Tool

- Specifically designed to cut copper, aluminum and telecommunications cables up to 3.35" O.D.
- Offers dual-speed action: fast advancing speed for rapid approach of blades to cable and slower, more powerful speed for cutting
- Blades manufactured from high-strength, heat-treated steel to ensure long service life
- Head easily opens to enable cutting of existing run cables
- Head rotates 180°, enabling operator to position for easiest use
- Automatic safety valve bypasses hydraulic system when reaching maximum pressure
- Pressure release device can also be activated during any point of operation



Specifications

- Max. Cutting Capacity: 3.35" O.D.
- Weight: 14.55 lb
- Dimensions (L x W): 25.69" x 6.89"

Contact Tool Service for replacement blades.

| Cat. No. | Description | Pkg. Qty |
|----------|--------------------------------------|----------|
| TBM40HC | Hand-operated hydraulic cutting tool | 1 |

Cable Cutters

CSR750 Cable Cutter

- Special advance stroke mechanism requires less handle force
- Cuts copper or aluminum cables up to 750 kcmil
- Short handles (only 10" long) enable use in tight spaces



Color-Keyed®

| Cat. No. | Description | Pkg. Qty |
|----------|---|----------|
| CSR750 | Cutter for up to 750 kcmil copper or aluminum | 1 |

Contact Tool Service for replacement blades.

Cable Cutters

Battpac™ TBM54BSCT and TBM54BSCTS Battery-Powered Cutters

Color-Keyed®



Specifications

- Battery: 14.4V DC
- Dimensions (L x W x H): 16" x 4" x 4.5"
- Weight with Battery: 7.2 lb
- Approx. 25 cuts per battery charge

- One-handed control of blade advancement and retraction
- TBM54BSCTS cuts up to 750 kcmil copper, 2-1/8" O.D. aluminum and 636 kcmil ACSR
- TBM54BSCT cuts up to 1,500 kcmil copper and 2-1/8" O.D. aluminum (not for use on ACSR)

Guide to Cutting Cycles

This guide indicates the number of cutting cycles that the TBM54BSCT and TBM54BSCTS can be expected to perform when the battery is fully charged. These figures are approximate and will vary according to the charging and other operating conditions, such as temperature, humidity and battery condition.

Battery Unit: (CRCTBP)

Battery Type: Sealed Nickel Cadmium

Voltage: 14.4V DC

Rated Current: 1.9Ah

Dimensions: 3.5" L x 2.7" W x 5.3" H

Weight: 1.6 lb

Battery Charger: (CRCTQC)

Input Voltage: 120V AC Single Phase

Charging Capacity: 20 V AC

Charging Time: 15 min. CRCTBP and CRCTBPI

Dimensions: 7.5" L x 3.7" W x 3.5" H

Weight: 4 lb

Optional Accessories:

Battery Cartridge: CRCTBPI or CRCTBP

DC Charger: CRCTQC

(refer to pages 42 and 43)

| Cat. No. | Conductor | Approx. Cutting Cycles | |
|------------|---------------------------|------------------------|----------|
| | | CRCTBPI and CRCTBP | CRCTPBEI |
| TBM54BSCTS | 750 kcmil Cu; 2-1/8" Al | 35 | 105 |
| | 636 kcmil ACSR | 50 | 150 |
| TBM54BSCT | 1,000 kcmil Cu | 45 | 135 |
| | 1,500 kcmil Cu; 2-1/8" Al | 30 | 90 |

| Cat. No. | Description | Pkg. Qty |
|------------|---|----------|
| TBM54BSCTS | Battery-powered cutter for up to 750 kcmil Cu, 2-1/8" O.D. Al and 636 kcmil ACSR | 1 |
| TBM54BSCT | Battery-powered cutter for up to 1,500 kcmil Cu, 2-1/8" O.D. Al (not for use on ACSR) | |

Contact Tool Service for replacement blades.

Cable Cutters

Battpac™ TBM58BSCT Battery-Powered Cutter

- To operate, simply remove pin latch, place over cable, re-insert pin and cut
- Built-in bypass pops off if material is beyond cutter's capacity
- Cuts ACSR, aluminum and copper cables up to 1-1/2", regular guy wires and ground rods up to 5/8"
- Approx. 25 cuts per battery charge

NOTE: Not recommended for use on hardened steel.

Specifications

- Output: 6 tons
- Max Cutting Capacity: Soft steel bolts: 1-1/16" (17mm)
Rebar & ground rod: 5/8" (16mm) ACSR : 1-1/2" (40mm)
CU & AL strands: 1-1/2" (40mm) Standard guy wire:
5/8" (16mm) Wire rope: 3/4" (20mm)
- Dimensions (H x W x D): 17" x 12" x 3"
- Weight with battery: 14 lb

| Cat. No. | Description | Pkg. Qty |
|-----------|------------------------|----------|
| TBM58BSCT | Battery-Powered Cutter | 1 |



Standard Battpac™ Kit Includes:

- 1 battery-powered tool
- 1 carrying strap
- 1 carrying case
- 2 CRCTBP batteries
- 1 CRCTQC 15-minute AC charger

Contact Tool Service for replacement blades.

297-32136 Hydraulic Cutting Head



- Heavy-duty cutter with high strength steel blades
- Cuts both aluminum and copper wire to 1-1/2 O.D.
- Cutter supplied with carrying case

Specifications

- Max. Cutting Capacity (aluminum and copper): 1-1/2" O.D.
- Dimensions (L x W x H): 14-1/2 x 2-1/2" x 4"
- Weight: 8.5 lb

| Cat. No. | Description | Pkg. Qty |
|-----------|------------------------|----------|
| 297-32136 | Hydraulic Cutting Head | 1 |

Contact Tool Service for replacement blades.

Color-Keyed®

Cable Cutters

Color-Keyed®

Battpac™ BPLT58BSCT Battery-Powered Cutter

- Cuts copper, aluminum and ACSR up to 1-1/2" OD
- Also cuts soft steel bolts, rebar and wire rope
- Forged steel head and cutting blades for strength and durability
- Dual forward speeds enhance productivity
- New, more powerful Ni-MH battery has 50% more energy and less memory effect than old batteries
- Approx. 25 cuts per battery charge

Specifications

- Max. Cutting Capacity: Copper, aluminum and ACSR cable to 1-1/2" O.D.
Rebar, ground rod & standard guy wire to 5/8"
Soft steel bolts to 1-1/16"
Wire rope to 3/4"
- Dimensions (L x W x H): 19-1/2" x 3-7/8" x 9-7/8"
- Battery: Ni-MH 14.4V 3.0Ah
- Weight with Battery: 16.7 lb



Contact Tool Service for replacement blades.

| Cat. No. | Description | Pkg. Qty |
|-------------------|--|----------|
| BPLT58BSCT | Battery-Powered Cutter with carrying case, charger, two batteries and carry strap. | 1 |

TBM40HCRH Hydraulic Cutting Head



- Heat-treated, high-strength steel blades for clean cuts and long service life
- Quick automatic coupler speeds connection to hydraulic systems
- Cutter supplied with carrying case

Specifications

- Max. Cutting Capacity (copper, aluminum and telecommunications cable): Up to 3.35" O.D.*
- Hydraulic Operating Pressure: 10,000 psi (maximum)
- Dimensions (L x W): 15.94" x 5.63"
- Weight: 10.8 lb

* Not designed for cutting steel-reinforced conductors

| Cat. No. | Description | Pkg. Qty |
|------------------|------------------------|----------|
| TBM40HCRH | Hydraulic Cutting Head | 1 |

Contact Tool Service for replacement blades.

Manual Compression Tool

TBM4BB Crimp Tool

- Installs lugs and splices over a wire range of #8 to #2 copper and #10 to #6 aluminum.
- Also installs up to the green colour-coded C-Taps and MD2 series motor disconnect.
- A colour-coded die wheel is rotated into position and each die has die code embossing.
- Shure Stake® tool



Gauging Procedure

1. Rotate wheel to the desired nest.
2. Squeeze handles with 5 to 15 lb force.
3. Holding handles tightly closed, insert GO, NO-GO gauge into nest. GO gauge should enter freely, NO-GO gauge may enter partially, but not pass completely through the length of the nest area.
4. Equivalent to TBM25S

| Cat. No. | Color Code | Gauging Nom. - Tol. |
|----------|------------|---------------------|
| TBM4BB | Red | 0.183 ± 0.006 |
| | Blue | 0.220 ± 0.008 |
| | Grey | 0.273 ± 0.008 |
| | Brown | 0.332 ± 0.008 |
| | Green | 0.414 ± 0.008 |

| | Conductor Size | | | | | |
|-------------------|----------------|---|---|---|---|-------|
| | #10 | #8 | #6 | #4 | #2 | #1 |
| Copper | | | | | | |
| One hole, short | | CTL8-10 CTL8-14 CTL8-516 54132 | CTL6-10 CTL6-14 CTL6-516 CTL6-38 | CTL4-10 CTL4-14 CTL4-516 CTL4-38 | CTL2-14 CTL2-516 CTL2-38 CTL2-12 | |
| Two hole, short | | 54204 | CTL6-214 | CTL4-214 | 54207 | |
| Splice, short | | CSP8 | CSP6 | CSP4 | CSP2 | |
| One hole, long | | CTL8L-14 | CTL6L-14 | CTL4L-14 | 54942BE | |
| Two hole, short | | LCN8-14 | LCN6-14 | LCN4-14 | LCN2-516 | |
| Splice, long | | CU8 | CU6 | CU4 | CU2 | |
| Cable Joints | | | 54610 | 54615 | 54620 | |
| Narrow Tongue | | | | 55112 | 55116 | |
| C-Taps | | 54705 | 54710 | 54715 | 54720 | 54725 |
| Motor Disconnects | | MD8 series | MD6 series | MD4 series | MD2 series | |
| Aluminum | | | | | | |
| One hole | 60096 60099 | ATL8-10 ATL8-14 60103 60104 | ATL6-10 ATL6-14 60108 60109 | | | |
| Splices | 60500 | ASP8 | ASP6 | | | |
| Bi-Pins | | 61905A | 61910A | | | |
| Equipment Lugs | | 61102 | 61107 | | | |

Blackburn®

Power-Assisted Compression Tools

NEW!



Creates Hex-style crimp

Battpac™ TBM61520BSCR 6-Ton Compression Tool and Optional 61520CAT Cutting Head

- Supplied crimp head can be interchanged with optional cutter head — quick-release pins make the switch fast and simple
- Rapid-advance feature yields quicker compression cycles
- Optional cutting head cuts cable up to 500 kcmil
- 1.8" jaw opening
- D3 die nest comes standard with tool
- Accepts T&B 6-TON Series, Blackburn dies and other manufacturers' crimp dies (refer to pages 45 and 46)
- Approx. 200 crimps per full battery charge (based on 3/0 AWG cable)

Specifications

- Installing Range:
 - Up to 600 kcmil copper lugs & splices
 - Up to 400 kcmil aluminum lugs & splices
 - CHT814-10 to CHT214-9 copper H-taps
 - 63105 to 63148 aluminum H-taps
 - 54705 to 54750 C-taps
- Output Force: 6 tons
- Dimensions (L x W x H): 11" x 3-3/4" x 11-7/8"
- Battery: Ni-MH 14.4V 3.0Ah
- Weight with Battery: 8 lb

| Cat. No. | Description | Pkg. Qty |
|---------------------|---|----------|
| 61520CAT | Interchangeable Cutting Head for TBM61520BSCR | 1 |
| TBM61520BSCR | Battpac™ Crimp/Cut Tool Kit. Includes battery-powered crimp tool, interchangeable cutting head, battery, charger, shoulder strap, carrying case (no dies) | |

TBM6H 6-Ton Hydraulic Crimping Head

- Lightweight design – weighs less than 7 lb, including dies
- Embosses die code on connection for easy inspection
- Uses 6-TON Series and Blackburn “O” and “D” Series dies color-coded for easy matching with Color-Keyed® connectors (refer to pages 45 and 46)



Creates Hex-style crimp



Specifications

- Installing Range:
 - Up to 600 kcmil copper lugs & splices
 - Up to 400 kcmil aluminum lugs & splices
 - CHT814-10 to CHT214-9 copper H-taps
 - 63105 to 63148 aluminum H-taps
 - 54705 to 54750 C-taps
- Output Force: 6 tons
- Dimensions (L x W x H): 12" x 2-1/4" x 3-9/16"
- Battery: Ni-MH 14.4V 3.0Ah
- Weight: 6.5 lb

| Cat. No. | Description | Pkg. Qty |
|--------------|--------------------------------------|----------|
| TBM6H | 6-Ton Hydraulic Head with Steel Case | 1 |

Manual and Power-Assisted Compression Tools

JB12B 12-Ton Manual Hydraulic Crimp Tool

- Self-contained hydraulic crimping tool for copper, aluminum and ASCR connectors
- Two-stage, rapid-ram advance mechanism for fast installation
- 180° head rotation
- Accepts all U-type dies used for Alcoa, Burndy, Thomas & Betts and Blackburn tools of equivalent tonnage
- Uses standard T&B Color-Keyed® 15500 series dies (refer to pages 39, 45 and 46)



Creates Hex-style crimp



Specifications

- Installing Range:
 - Up to 750 kcmil copper lugs & splices
 - Up to 650 kcmil aluminum lugs & splices
 - CHT814-10 to CHT2502-6 copper H-taps
 - 63105 to 63148 aluminum H-taps
 - 54755 to 54770 C-taps
- Output Force: 12 tons
- Dimensions (L x W x H): 22-3/4" x 2-1/2" x 4-7/8"
- Weight without Dies: 13 lb

| Cat. No. | Description | Pkg. Qty |
|----------|-------------------------|----------|
| JB12B | 12-Ton Compression Tool | 1 |

TBMODBSCR 6-Ton Battery-Powered Compression Tool



- Versatile battery-powered crimp tool combines the features of an open yoke tool with the weight and balance of a closed yoke tool
- Reduces stress for operator when crimping connectors
- Ideal for industrial, commercial, telecom and utility applications
- Accepts T&B 6-TON and Blackburn® "O" and "D" dies* (refer to pages 39, 45 and 46)
- Approx. 200 crimps per battery charge

Specifications

- Installing Range:
 - Up to 4/0 aluminum H-taps
 - Standard C-taps
- Output Force: 6 tons
- Dimensions (L x W x H): 12" x 3" x 13"
- Battery: Ni-MH 14.4V 3.0 Ah
- Weight with Battery: 8 lb

| Cat. No. | Description | Pkg. Qty |
|-----------|---|----------|
| TBMODBSCR | Battery-Powered 6-Ton Crimping Tool – Includes Shoulder Strap, Charger, Carrying Case, Battery Cartridge and Owner's Manual | 1 |

Manual Compression Tool

OD581 Manual Compression Tool

Blackburn®

- Integral self-gauging system in tool head assures proper adjustment before each crimp
- Improved design reduces force to crimp by as much as 20%
- Teflon over bronze bearings greatly reduce wear at linkage and pins; far superior to steel bearing surfaces
- All standard insert dies available for OD58 tool: "O" and "D", 840, etc., 5/8" fixed die in nose
- ODF tool has fixed "O" and "D" dies
- ODB tool has fixed "O" and "D" dies; accepts standard insert dies designed for MD6 tool
- Distribution of weight over tool length gives better balance, results in easier handling and positioning
- Optional fiberglass handles for greater strength, lighter weight, better insulating properties and lower moisture absorption rate
- ODF and ODB tools with insulated heads available as an option
- Lever action tool with hot stick handles of Glastrux Fiberglass, rated and tested for 100kV/ft/5 minutes
- Lever action results in minimum applied force to crimp

| Cat. No. | Description | Handle Length (in.) | Weight (lb) |
|--------------|--|---------------------|-------------|
| OD58 | Manual Tool with 5/8" Nose Die and Insert Die Cavity Straight Wooden handles | - | 6.5 |
| OD581 | Manual Tool with 5/8" Nose Die and Insert Die Cavity Straight Fiberglass handles | - | 6.0 |
| OD583 | Manual Tool with 5/8" Nose Die and Insert Die Cavity Curved Wooden handles | - | 6.5 |
| ODF1 | Manual Tool with fixed O & D dies Fiberglass handles | - | 6.0 |
| ODB | Manual Tool with fixed O & D dies. "D" die cavity accepts MD6 tool insert dies Straight Wooden handles | - | - |
| ODB1 | Manual Tool with fixed O & D dies. "D" die cavity accepts MD6 tool insert dies Fiberglass handles | - | 6.0 |
| ODB3 | Manual Tool with fixed O & D dies. "D" die cavity accepts MD6 tool insert dies Curved Wooden handles | - | 6.5 |
| ODH1 | Insulating head cover | - | 0.40 |

For Hand Tool with insulated head, add suffix 5 to cat number; e.g. OD585. (refer to pages 39 and 44 for dies)



Installing Dies

Insert Dies for TBM6H Hydraulic Head and Type OD Tools



| Cat. No. | Description or Color Codes | Cat. No. | Description or Color Codes |
|----------|----------------------------|----------|----------------------------|
| OJB | 0 | BY37 | 840 (EEI 11A) |
| DBL | D | BY55 | Wire Cutter (2/0 max.) |
| BY39 | 510 Hex (non-bow) | BY63 | Orange (Nicopress) |
| BY41 | 635 Hex (non-bow) | BY65 | Plum |
| BY43 | 747 Hex (non-bow) | BY15C* | 7/32 Red |
| BY45 | T | BY17C* | 1/4 Blue |
| BY47 | K | BY19C* | 5/16 Grey |
| BY49 | B | BY21C* | 3/8 Brown |
| BY51 | J | BY23C* | 1/2 Pink |
| BY53 | P | BY24C* | 1/2-1 Gold |
| BY13 | 3/16 | BY25C* | 9/16 Tan/Orange |
| BY15* | 7/32 (EEI-1 index 236) | BY27C* | 11/16 Yellow |
| BY17 | 1/4 | BY31C* | 5/8-1 Olive/Purple |
| BY19 | 5/16 (index 161.242) | BY32C* | Ruby |
| BY21 | 3/8 | BY35C* | 781 White |
| BY23 | 1/2 (index 163) | BY37C* | 840 Red |
| BY25 | 9/16 | BY28C* | 17/32 Black |
| BY27 | 11/16 | BY53C* | P Green |
| BY29 | 19/32 | BG-1-BB | Canvas Bag for OD58 |
| BY31 | 5/8-1 (index 165) | ODH1 | Insulating Head Cover |
| BY33 | 737 | | |
| BY35 | 781 | | |

*Can also be used with OD58 tool.

Insert Dies for Hydraulic Heads* JB12B, 13100A, TBM14M, TBM14MC, TBM14BSCR, TBM14RH, TBM15I, TBM15BSCR, BPLT14BSCR, BPLT15BSCR



| Cat. No. | Description or Colour Codes | Cat. No. | Description or Colour Codes |
|----------|-----------------------------|----------|-----------------------------|
| B58CS | 5/8 Die Set | B75AH | - |
| HO | "O" Die Set | B76AH | - |
| HD | "D" Die Set | B76SH | - |
| HN | "N" Die Set | B06CHI | Pink/Gold #1/0 AWG CU |
| HU | "U" Die Set | B08CH | Tan/Orange #3/0 AWG CU |
| HBKC | BKC | B09CH | Olive/Purple #4/0 AWG CU |
| HBKT | BKT | B11CH | Red/Blue #350/400 kcmil CU |
| B24EA | EEI 8A | B10SH | - |
| B30EA | EEI 9A | B05CH | Green #1 AWG CU |
| B39EA | EEI 10A | B26CH | Ruby/Yellow #250 kcmil CU |
| B49EA | EEI 11A (840) | B71CH | Red #8 AWG CU |
| B61EA | EEI 12A | B72CH | Black #2/0 AWG CU |
| B80EA | EEI 13A | B73CH | Blue #6 AWG CU |
| B20AH | EEI14A | B74CH | Grey #4 AWG CU |
| B71AH | - | B75CH | Brown #2 AWG CU |
| B72AH | - | B76CH | Pink #500 kcmil AL |
| B73AH | - | B10CHI | White #300 kcmil CU |
| B74AH | - | B12CHI | Brown #500 kcmil CU |

*Adaptor 15500-TB required with T&B 15-ton tools.

Cross-Reference for 21940 (40-Ton) Tool Dies

| Die Designation | Die Code | Cat. No. | Burndy | |
|-----------------|-----------|---------------|-------------|-------------|
| | | | Copper | Aluminum |
| | 66 | 11409 | 30RT | 28RT |
| 840 | 71 / 76 | 11363 / 11410 | 31RT / 32RT | 29RT / 30RT |
| 1 | 87 | 11423 | 34RT | 31RT |
| 1-1/8 | 94 / 99 | 11364 / 11424 | 36RT / 38RT | 32RT / 34RT |
| | 106 | 74506 | 39RT | 36RT |
| 1-5/16 | 107 / 112 | 11425 / 11426 | 40 RT | 40 RT |
| 1-1/2 | 115 / 125 | 11308 / 11416 | 44 RT | 39 ART |
| 1-5/8 | 140 | 11418 | | 40RT |
| 1-3/4 | 150 / 161 | 11419 / 11420 | 46RT | 44RT |
| | 175 | 11421 | | |

Manual Compression Cutters

Color-Keyed®

HM 250 Mechanical Single Indent Dieless Crimper

- Manually operated single-indent compression tool
- For copper wire #8 to 250 kcmil
- For aluminum wire #8 to 4/0



| Cat. No. | Description | Pkg. Qty |
|-------------|--|----------|
| HM-250 TOOL | Mechanical Single Indent Dieless Crimper | 1 |

Utility Cable Slicers

- For use on copper and aluminum cable only
- Not to be used on steel or ACSR Cable.



| Cat. No. | Description | Maximum Conductor Size | Max. OD inc. Insulation | Overall Length (in.) | Pkg. Qty |
|----------|---------------------------|------------------------|-------------------------|----------------------|----------|
| UT 4 C | Cable Slicer – Small | 600 Al – 350 Cu | 1-5/16 | 21 | 1 |
| UT 6 C | Cable Slicer – Large | 1000 Al – 500 Cu | 2 | 31-1/2 | |
| UT 4 B* | Blade assembly for UT 4 C | - | - | - | |
| UT 6 B* | Blade assembly for UT 6 C | - | - | - | |

* UT 4 B and UT 6 B available from Tool Service Centers.

Cutting Dies and Other Tools

Cable Slicing Die Sets



- Cut copper and aluminum insulated cable sizes from #8 AWG through 500 kcmil
- Produce clean, squared-end cut which eliminates extra trimming of conductor strands

| Cat. No. | Maximum Cable Size | Tools | Pkg. Qty |
|--------------|--------------------|--------------------------------|----------|
| BY55 | 2/0 | TBM6H, BPLT6BSCR, BPLT6500BSCR | 1 |
| 40CS | 4/0 | TBM14M, 13100A and TBM14BSC | |
| 156CS | 500 kcmil | TBM15I and TBM15BSCR | |

21649 Cable Bender



| Cat. No. | Description | Pkg. Qty |
|--------------|----------------------------------|----------|
| 21649 | Bender for cable up to 750 kcmil | 1 |

CTR-1 C-Tap Removal Tool



Type WW Wire Bristle Brush

- Removes oxides from conductor surfaces
- Easy-grip handle with guard to prevent rubber-glove puncture
- Replaceable long-life brushes can be rotated
- Handle and guard coated with durable, nonconductive plastic for safety



| Cat. No. | Description | Pkg. Qty |
|-------------|----------------------------|----------|
| WWB1 | Complete Brush with Handle | 1 |
| WRB1 | Brush Replacement | |

Color-Keyed®

Replacement Batteries

CRCTBP Standard Replacement Battery for TBM Series Tools

- 14.4 volt battery with life expectancy of 600 recharges
- Cycles-per-charge for both batteries varies depending on the type and size of the material being cut or compressed
- 14.4 volt battery is interchangeable with T&B Battpac™ products except the BPLT series

| Cat. No. | Description | Pkg. Qty |
|----------|------------------------------|----------|
| CRCTBP | Standard Replacement Battery | 1 |



Battery Replacement for BPLT Series Tools

Series BPLT tool use Makita brand batteries, Catalogue No.: 1422. Not sold through Thomas & Betts.



Battery Chargers for TBM Series Tools

CRCTQC Standard 15-Minute Quick Charger



- Charges the CRCTBP battery.

| Cat. No. | Description | Pkg. Qty |
|----------|----------------------------------|----------|
| CRCTQC | Standard 15-minute Quick Charger | 1 |

Battery Chargers for BPLT Series Tools

Series BPLT tools use a Makita brand battery charger, Catalogue No: DC 1411. Not sold through Thomas & Betts.



Installing Dies

Dies for Standard Color-Keyed® / Blackburn® Lugs & Splices

| Connector Size | | | Color-Keyed Die Color | | | | TBM8-750M-1 | TBM-8/8S | TBM-5/5S | TBM6/6S / 25000 | | 13642M / 13400 Hydraulic Head | | TBM12 Hydraulic Head | | | |
|----------------|----------------|------------|-----------------------|-------------|-------|--------|--------------------------|-------------------|-------------------|--------------------|--------------------|-------------------------------|--------------|----------------------|--------------|----------|-----|
| Code Copper | Flex /24 | AL | | TBM45S | TBM4S | TBM840 | TBM8-750BSCR TBM8-750 | TBM8 Die Cat. No. | TBM5 Die Cat. No. | Cat. No. Upper Die | Cat. No. Lower Die | Die Cat. No. | Die Code No. | Die Cat. No. | Die Code No. | | |
| 8 AWG | 37/24 | 10 AWG | RED | C-Taps Only | ↕ | ↕ | ↕ | 13461 | 13454 | 13475 | 13477 | 11732 | 21 | TBM12D-1 | 21 | | |
| 6 AWG | 61/24 | 8 AWG | BLUE | | | | | | | 13475 | 13477 | 11733 | 24 | TBM12D-1 | 24 | | |
| 4 AWG | 91/24 | 6 AWG | GREY | | | | | | | 13472 | 13476 | 11734 | 29 | TBM12D-2 | 29 | | |
| 2 AWG | 125/24 | | BROWN | | | | | | | 13474 | 13477 | 11735 | 33 | TBM12D-2 | 33 | | |
| 1 AWG | 150/24 | 4 AWG | GREEN | | | | | | | 13474 | 13477 | 11736 | 37 | TBM12D-3 | 37 | | |
| 1/0 | 225/24 | 2 AWG | PINK | | | | | | | 13475 | 13477 | 11737 | 42 | TBM12D-3 | 42 | | |
| 2/0 | 275/24 | | BLACK | | | | | | | 13474 | 13477 | 11738 | 45 | TBM12D-4 | 45 | | |
| 3/0 | 325/24 | | ORANGE | | | | | | | 13474 | 13477 | 11739 | 50 | TBM12D-4 | 50 | | |
| 4/0 | 450/24 | | PURPLE | | | | | | | 13475 | 13477 | 11740 | 54 | TBM12D-5 | 54 | | |
| 250 kcmil | 550/24 | | YELLOW | | | | | | | 13473 | 13476 | 11771 | 62 | TBM12D-5 | 62 | | |
| | | 1 AWG | GOLD | | | | | | | 13474 | 13477 | 17738 | 45 | TBM12D-4 | 45 | | |
| | | 1/0 | TAN | | | | | | | 13474 | 13477 | 11739 | 50 | TBM12D-4 | 50 | | |
| | | 2/0 | OLIVE | | | | | | | 13475 | 13477 | 11740 | 54 | TBM12D-5 | 54 | | |
| | | 3/0 | RUBY | | | | | | | 13473 | 13476 | 11741 | 60 | TBM12D-5 | 60 | | |
| | | 4/0 | WHITE | | | | | | | 13473 | 13476 | 11742 | 66H | TBM12D-5 | 66H | | |
| 350 kcmil | 775/24 (Short) | 250 kcmil | RED | | | | | | | 13465 | 13476 | 11742 | 66H | TBM12D-5 | 66H | | |
| 400 kcmil | 775/24 (Long) | 300 kcmil | BLUE | | | | | | | 13466 | 13458 | 13472 | 13476 | 11743 | 71H | TBM12D-4 | 71H |
| | 925/24* | | N/A | | | | | | | 13467 | 4/0 Only | 13472 | 13476 | 11744 | 76H | TBM12D-4 | 76H |
| 500 kcmil | | 350 kcmil | BROWN | | | | | | | | | 13479 | 13676 | 11745 | 80H | | |
| 600 kcmil | 1100/24 | 400 kcmil | GREEN | | | 13468 | 13478 | 13478 | 11746-TB | 87H | TBM12D-3 | 87H | | | | | |
| | | | GREEN | | | | | 11747 | 94H | TBM12D-3 | 94H | | | | | | |
| | | | PINK | | | | | | | | 94H | | | | | | |
| 700 kcmil | | 500 kcmil | PINK | | | | | | 11748 | 99H | TBM12D-2 | 99H | | | | | |
| 750 kcmil | | 650 kcmil | BLACK | | | | | | 11749 | 106H | TBM12D-2 | 106H | | | | | |
| 800 kcmil | | | ORANGE | | | | | | 11750 | 107H | | | | | | | |
| | | 700 kcmil | PURPLE | | | | | | 11751 | 112H | TBM12D-1 | 112H | | | | | |
| 900 kcmil | 1925/24 | 750 kcmil | YELLOW | | | | | | 11753 | 115H | TBM12D-1 | 115H | | | | | |
| 1000 kcmil | | 800 kcmil | | | | | | | | | | | | | | | |
| | | 1000 kcmil | | | | | | | | | | | | | | | |

* Standard barrel only. Long barrel requires Brown 87H.

** Standard barrel only. Long barrel requires Black 106H.

Dies for Standard Lugs and Splices (OD58)

| Connector Size | | | Color-Keyed Die Color | OD58 | |
|----------------|---------|--------|-----------------------|-------------|--------------|
| Code Copper | Flex/24 | AL | | Die Cat No. | Die Code No. |
| 8 AWG | 37/24 | 10 AWG | RED | BY15C | 21 |
| 6 AWG | 61/24 | 8 AWG | BLUE | BY17C | 24 |
| 4 AWG | 91/24 | 6 AWG | GREY | BY19C | 29 |
| 2 AWG | 125/24 | | BROWN | BY21C | 33 |
| 1AWG | 150/24 | 4 AWG | GREEN | BY53C | 37 |
| 1/0 | 225/24 | 2 AWG | PINK | BY23C | 42 |
| 2/0 | 275/24 | | BLACK | BY28C | 45 |
| 3/0 | 325/24 | | ORANGE | BY25C | 50 |
| 4/0 | 450/24 | | PURPLE | BY27C | 54 |
| 250 kcmil | 550/24 | | YELLOW | BY31C | 62 |
| | | 1AWG | GOLD | BY24C | 45 |
| | | 1/0 | TAN | BY25C | 50 |
| | | 2/0 | OLIVE | BY31C | 54 |
| | | 3/0 | RUBY | BY32C | 60 |

Installing Dies

Dies for Color-Keyed® / Blackburn® Lugs and Splices

| Connector Size | | | Color-Keyed Die Color | BPLT6BSCR/TBM6H | | BPLT62BSCR | | BPLT14BSCR/TBM14M/TBM14MC/13100A*/JB12B/TBM14RH/TBM14BSCR/BPLT14BSCR/TBM15BSCR/BPLT15BSCR | | BPLT15BSCR/TBM15I*** | | 21940 (40 Ton) | |
|----------------|----------------|------------|-----------------------|-----------------|--------------|--------------|--------------|---|--------------|----------------------|--------------|----------------|--------------|
| Code Copper | Flex/24 | AL/CU | | Die Cat. No. | Die Code No. | Die Cat. No. | Die Code No. | Die Cat. No. | Die Code No. | Die Cat. No. | Die Code No. | Die Cat. No. | Die Code No. |
| 8 AWG | 37/24 | 10 AWG | RED | 6TON21 | 21 | TBM6221 | 21 | 15520 | 21 | 15520 | 21 | | 21 |
| 6 AWG | 61/24 | 8 AWG | BLUE | 6TON24 | 24 | TBM6224 | 24 | 15522 | 24 | 15522 | 24 | | 24 |
| 4 AWG | 91/24 | 6 AWG | GREY | 6TON29 | 29 | TBM6229 | 29 | 15527-CK | 29 | 15527-CK | 29 | 11401 | 29 |
| 2 AWG | 125/24 | | BROWN | 6TON33 | 33 | TBM6233 | 33 | 15528 | 33 | 15528 | 33 | 11402 | 33 |
| 1 AWG | 150/24 | 4 AWG | GREEN | 6TON37 | 37 | TBM6237 | 37 | 15513-CK | 37 | 15513-CK | 37 | 11333 | 37 |
| 1/0 | 225/24 | 2 AWG | PINK | 6TON42 | 42 | TBM6242 | 42 | 15508 | 42 | 15508 | 42 | 11334 | 42 |
| 2/0 | 275/24 | | BLACK | 6TON45 | 45 | TBM6245 | 45 | 15526 | 45 | 15526 | 45 | 11405 | 45 |
| 3/0 | 325/24 | | ORANGE | 6TON50 | 50 | TBM6250 | 50 | 15530 | 50 | 15530 | 50 | 11406 | 50 |
| 4/0 | 450/24 | | PURPLE | 6TON54 | 54 | TBM6254 | 54 | 15511 | 54 | 15511 | 54 | 11407 | 54 |
| 250 kcmil | 550/24 | | YELLOW | 6TON62 | 62 | TBM6262 | 62 | 15510-CK | 62 | 15510-CK | 62 | 297-31669-7 | 62 |
| | | 1 AWG | GOLD | 6TON45 | 45 | TBM6245 | 45 | 15526 | 45 | 15526 | 45 | 11405 | 45 |
| | | 1/0 | TAN | 6TON50 | 50 | TBM6250 | 50 | 15530 | 50 | 15530 | 50 | 11406 | 50 |
| | | 2/0 | OLIVE | 6TON54 | 54 | TBM6254 | 54 | 15511 | 54 | 15511 | 54 | 11407 | 54 |
| | | 3/0 | RUBY | 6TON60 | 60 | TBM6260 | 60 | 15532-CK | 60 | 15532-CK | 60 | 11408 | 60 |
| 300 kcmil | | 4/0 | WHITE | 6TON66 | 66H | TBM6266 | 66 | 15534 | 66H | 15534 | 66H | 11409 | 66 |
| 350 kcmil | 775/24 (Short) | 250 kcmil | RED | 6TON71 | 71H | TBM6271 | 71 | 15514-CK | 71H | 15514-CK | 71H | 11363 | 71 |
| 400 kcmil | 775/24 (Long) | 300 kcmil | BLUE | 6TON76 | 76H | TBM6276 | 76 | 15512 | 76H | 15512 | 76H | 11410 | 76 |
| | 925/24* | | N/A | 6TON80 | 80H | TBM6280 | 80 | 15517 | 80H | 15517 | 80H | | |
| 500 kcmil | | 350 kcmil | BROWN | 6TON87 | 87H | TBM6287 | 87 | 15506 | 87H | 15506 | 87H | 11423 | 87 |
| 600 kcmil | 1100/24 | 400 kcmil | GREEN | 6TON94 | 94H | | | | 94H | 15611 | 94H | 11364 | 94 |
| | | | GREEN | | | | | 15536-CK | | 15536-CK | | | |
| | 1325/24** | | PINK | | | | | | | | | | |
| 700 kcmil | | 500 kcmil | PINK | | 99H | | | 15505 | 99H | 15505 | 99H | 11424 | 99 |
| 750 kcmil | | 650 kcmil | BLACK | | 106H | | | 15515-CK | 106H | 15515-CK | 106H | 7450 | 106 |
| 800 kcmil | | | ORANGE | | 107H | | | | | 15608 | 107H | 11425 | 107 |
| | | 700 kcmil | PURPLE | | 112H | | | | | 15609 | 112H | 11426 | 112 |
| 900 kcmil | 1925/24 | 750 kcmil | YELLOW | | 115H | | | 15504 | 115H | 15504 | 115H | 11308 | 115 |
| 1000 kcmil | | 800 kcmil | N/A | | | | | | | 15603 | 125H | 11416 | 125 |
| | | 1000 kcmil | N/A | | | | | | | 15602 | 140H | 11418 | 140 |
| | | | | | | | | | | 15601 | 150H | 11419 | 150 |

* Standard barrel only. Long barrel requires Brown 87H.

** Standard barrel only. Long barrel requires Black 106H.

*** 15500 Series dies require 15500-TB adaptor. 15500F for full size die to fit TBM15I without adaptor.

Dies for Color-Keyed® C-Taps

| Connector | Color code | TBM45S/TBM4BB Nest Color | TBM5/5S Die Cat. No. | TBM6/6S Die Cat. No. | TBM8/8S Die Cat. No. | BPLT62BSCR Die Cat. No. | TBM6H/BPLT6BSCR Die Cat. No. |
|-----------|------------|--------------------------|----------------------|----------------------|----------------------|-------------------------|------------------------------|
| 54705 | RED | Red Nest | 13454 | 13475/13477 | 13461 | TBM6221 | 6TON21 |
| 54710 | BLUE | Blue Nest | 13454 | 13475/13477 | 13461 | TBM6224 | 6TON24 |
| 54715 | GREY | Grey Nest | 13454 | 13472/13476 | 13461 | TBM6229 | 6TON29 |
| 54720 | BROWN | Brown Nest | 13454 | 13474/13477 | 13461 | TBM6233 | 6TON33 |
| 54725 | GREEN | Green Nest | 13455 | 13474/13477 | 13462 | TBM6237 | 6TON37 |
| 54730 | PINK | - | 13455 | 13475/13477 | 13462 | TBM6242 | 6TON42 |
| 54735 | BLACK | - | 13455 | 13474/13477 | 13462 | TBM6245 | 6TON45 |
| 54740 | ORANGE | - | 13455 | 13474/13477 | 13462 | TBM6250 | 6TON50 |
| 54745 | PURPLE | - | 13456 | 13475/13477 | 13463 | TBM6254 | 6TON54 |
| 54750 | YELLOW | - | 13456 | 13473/13478 | 13463 | TBM6262 | 6TON62 |

Installing Dies

Dies for Large Color-Keyed® C-Taps

| Connector | Color code | 13642M/13400 Die Cat. No. | TBM12 Die Cat. No. | 13100A/JB12B/TBM14M/TBM14RH/TBM14BSCR/BPLT14BSCR/BPLT15BSCR Die Cat. No. | TBM15/BPLT15BSCR/TBM15BSCR Die Cat. No. |
|-----------|------------|---------------------------|--------------------|--|---|
| 54755 | Blue | 11744 | TBM12D-4 | 15512 | 15512 |
| 54760 | Brown | 11746-TB | TBM12D-3 | 15506 | 15506 |
| 54765 | Pink | 11748 | TBM12D-2 | 15505 | 15505 |
| 54770 | Black | 11749 | | 15515-CK | 15515-CK |
| 54775 | Yellow | 11753 | TBM12D-1 | 15504 | 15504 |
| 54780 | White | - | - | - | 15603 |
| 54785 | N/A | | | | |
| 54790 | | | | | |

Dies for Aluminum H-Taps

| Connector | Color code | TBM5/5S Die Cat. No. | TBM6/6S Die Cat. No. | TBM8/8S Die Cat. No. | TBM12 Die Cat. No. | TBM6H/BPLT6BSCR Die Cat. No. | 13100A/JB12B/TBM14M/TBM14RH/TBM14BSCR/TBM14MC/BPLT14BSCR Die Cat. No. | TBM15/BPLT15BSCR/TBM15BSCR Die Cat. No. |
|-----------|------------|----------------------|----------------------|----------------------|--------------------|------------------------------|---|---|
| 63105 | Orange | 13455 | 13474/13477 | 13462 | TBM12D-4 | 6TON50 | 15530 | 15530 |
| 63110 | Green | - | 13470 | - | TBM12D-H | OJB | 15501A | 15501A |
| 63118 | | | 13471 | | | DBL | 15502 | 15502 |
| 63125 | Blue | - | - | - | - | - | - | 15612 |
| 63140 | Red | | | | | | | 15620 |
| 63148 | Black | | | | | | | |
| 63160 | | | | | | | | |
| 63169 | | | | | | | | |
| 63170 | | | | | | | | |
| 63180 | | | | | | | | |

Dies for Copper H-Taps

| Connector | Color code | TBM6H/BPLT6BSCR Die Cat. No. | 13100A/JB12B/TBM14M/TBM14BSCR/TBM14RH/TBM14MC/BPLT14BSCR Die Cat. No. | TBM15BSCR/TBM15I/BPLT15BSCR Die Cat. No. |
|--------------|------------|------------------------------|---|--|
| CHT814-10 | Green | 6TON37R | 15CA37RCH | 15CA37RCH |
| CHT214-9 | Brown | 6TON71R | 15CA71RCH | 15CA71RCH |
| CHT250214-8 | Purple | - | 15CA80RCH | 15CA80RCH |
| CHT25014-7 | | | | |
| CHT2502-6 | Brown | - | - | 15612CH |
| CHT50010-5 | | | | |
| CHT50040-4 | | | | |
| CHT75010-3 | Yellow | - | - | 15620CH |
| CHT750350-2 | | | | |
| CHT75040-11 | | | | |
| CHT750350-1F | White | | | 15620CHF |

Dies for Medium-Voltage Connectors (15kV applications)

| Die Code No. | Copper Conductor Size | TBM15I, TBM14M, TBM14RH, TBM14MC, BPLT14BSCR, 13100A | | Round Gauging |
|--------------|-----------------------|--|------------------|---------------|
| | | Adaptor** Type | Non-Adaptor Type | |
| 29R | #4 AWG | 15CA29R | - | .302/.290 |
| 33R | #2 AWG | 15CA33R | | .348/.336 |
| 37R | #1 AWG | 15CA37R | | .394/.382 |
| 42R | 1/0 AWG | 15CA42R | | .432/.420 |
| 45R | 2/0 AWG | 15CA45R | | .472/.460 |
| 49R | 3/0 AWG | 15CA49R | | .522/.510 |
| 54R | 4/0 AWG | 15CA54R | | .576/.564 |
| 60R | 250 kcmil | 15CA60R | | .604/.592 |
| 66R | 300 kcmil | 15CA66R | | .680/.668 |
| 71R | 350 kcmil | 15CA71R | | .730/.718 |
| 76R | 400 kcmil | 15CA76R | | .790/.778 |
| 87R | 500 kcmil | 15CA87R | | .904/.892 |
| 94R | 600 kcmil | 15CA94R*** | | .958/.946 |
| 106R | 750 kcmil | 15CA106R*** | | 1.042/1.030 |
| 125R | 1000 kcmil | - | | 15C125R* |

*To be used with TBM15I or TBM15BSCR tools.

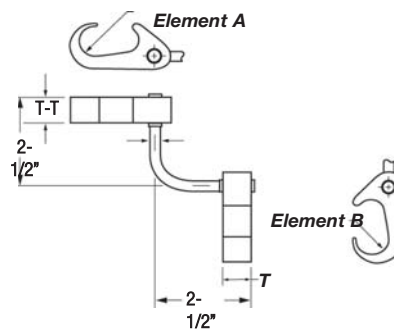
**Use 15500-TB adaptor with TBM15I tool.

***Not UL Listed for use in TBM14M/13100A tools.

Installing Dies

Dies for Figure 6 to 6 Ground Connectors

| Connector | Cable Element A | To Cable Element B | To Ground Rod Element B | To Rebar Element B | Die Selection | |
|-----------|-----------------------|---------------------|-------------------------|---------------------------|---------------|-----------|
| | | | | | Element A | Element B |
| 54855L | #6 Sol. – #2 Str. | #6 Sol. – #2 Str. | – | – | 15501A | 15501A |
| 54865L | #1 Str. – 250 kcmil | | 1/2" – 5/8" Rod | 3/8" – 1/2" #3 – #4 Rebar | 15G86R | 15G86R |
| 54875L | #2 Str. – 250 kcmil | #2 Str. – 250 kcmil | 5/8" – 3/4" Rod | 5/8" – 3/4" #3 – #4 Rebar | 15G126R | 15501A |
| 54885L | 250 kcmil – 500 kcmil | #6 Sol. – #2 Str. | | | 15G126R | 15G86R |
| 54895L | | #2 Str. – 250 kcmil | | | 15G121R | 15G121R |
| 54900L | | | | | | |



Dies for Figure 6 to 6 Ground Connectors and Cross Reference

| Cat. No. | Dies for T&B 14- and 15-Ton Tools | | Burdyn Tools and dies | | | | | |
|----------|--------------------------------------|-------------|-----------------------|------------------|-------------------|-----------|-----------|-----------|
| | Element A * | Element B * | Y750 | | Y45 | | Y46 | |
| | | | A * | B * | A * | B * | A * | B * |
| 54900L | 15G121R [3] | 15G121R [3] | U1011 [3] | U1011 [3] | S1011 [3] | S1011 [3] | P1011 [3] | P1011 [3] |
| 54895L | 15G86R [1] | 15G126R [1] | PU998 or PU998 [1] | U997 [1] | S998 or PU998 [1] | U997 [1] | P998 [1] | U997 [1] |
| 54885L | 15501A [1] | | | U-0 or PU998 [1] | S998 [1] | U-0 [1] | | U-0 [1] |
| 54875L | 15G86R [1] | 15G86R [1] | U997 [1] | U997 [1] | U997 [1] | U997 [1] | U997 [1] | U997 [1] |
| 54865L | 15501A [1] | 15501A [1] | U-0 [1] | U-0 [1] | U-0 [1] | U-0 [1] | U-0 [1] | U-0 [1] |
| 54855L | | | | | | | | |

Use 15500-TB adaptor for T&B 15-ton tool.

* = Number of crimps

Installing Dies

Dies for Figure 6 – Ground Connectors and Cross References

| Cat. No. | Dies for T&B 14- and 15-Ton Tools * | Burdny Tools and dies | | |
|----------|--|-----------------------|----------------------|----------------------|
| | | Y750 * | Y45 * | Y46 * |
| 54900 | 15G121R [3] | U1011 [3] | S1011 [3] | P1011 [3] |
| 54895 | 15G126R [1] | PU998 [1] | PU996 or S998 [1] | PU996 or S998 [1] |
| 54890 | | | | |
| 54885 | | | | |
| 54875 | 15501A [1] | UO [1] | UO [1] | UO [1] |
| 54865CK | 15G86R [1] | 997 [1] | U997 [1] | U997 [1] |
| 54860 | | | | |
| 54855 | | | | |

Use 15500-TB adaptor for T&B 15-ton tool.

* = Number of crimps

Dies for Figure 8 – Ground Connectors and Cross References

| Cat. No. | Cable Range | Dies for T&B 14- and 15-Ton Tools * | Burdny Tools and dies | | |
|-------------------|-------------------|--|-----------------------|--|---------------------------|
| | | | Y750 * | Y45 * | Y46 * |
| GR1-300500* | 300-500 kcmil | 15G121R [2] | U1011 [2] | S1011 [2] | P1011 [2] |
| GR34-300500 & TP* | | | PU998 [1] | S1012 or PU998 [2] | |
| GR58-30050 & TP | | | | PU998 [1] | |
| GR1-40250* | 4/0 AWG-250 kcmil | 15G121R [2] | U1011 [2] | S1011 [2] S1012 [2] or PU998 [1] | P1011 [2] or PU998 [1] |
| GR34-40250 & TP* | | | PU998 [1] | S1012 [2] | |
| GR58-40250 & TP | | | | S1012 [2] | |
| GR12-40250 & TP | | | | PU998 [1] | |
| GR1-202* | 2 AWG-2/0 AWG | 15G121R [2] | U1011 [2] | S1011 [2] S1012 [2] or PU998 [1] | P1011 [2] or PU998 [1] |
| GR34-202 & TP | | | PU998 [1] | S1012 [2] | |
| GR58-202 & TP | | | | S1012 [2] | |
| GR12-202 & TP | | | | PU998 [1] | |

Optional ground rod knurling die for TBM 14- and 15-ton tools: 15508

Use 15500-TB adaptor for T&B 15-ton tool.

Optional ground rod knurling tool: 240-31565-94

*Use 15-ton tool only.

* = Number of crimps

Installing Dies

Dies for Figure 6 to 8 Ground Connectors and Cross Reference

| Cat. No. | Dies for T&B 14- and 15-Ton Tools | | Burdny Tools and dies | | | | | | |
|----------------|--------------------------------------|-------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | Element A * | Element B * | Y750 | | Y45 | | Y46 | | |
| | | | A * | B * | A * | B * | A * | B * | |
| 54920LR100 | 15G121R [2] | 15G126R [1] | U1011 [2] or PU998 [1] | U1011 [2] or PU998 [1] | S1011 [2] or PU998 [1] | U1011 [2] or PU998 [1] | P1011 [2] or PU998 [1] | U1011 [2] or PU998 [1] | |
| 54910LR100 | | 15G86R [1] | | U997 [1] | | U997 [1] | | U997 [1] | |
| 54900L34 & TP | | 15G126R [1] | | U1011 [2] or PU998 [1] | | U1011 [2] or PU998 [1] | | U1011 [2] or PU998 [1] | U1011 [2] or PU998 [1] |
| 54875L34 & TP | | 15G86R [1] | | U997 [1] | | U997 [1] | | U997 [1] | U997 [1] |
| 54895LR58 & TP | | 15G126R [1] | | U1011 [2] or PU998 [1] | | S998 [1] or PU998 [1] | | S998 [1] or PU998 [1] | P998 [1] or PU998 [1] |
| 54865L58 & TP | | 15G86R [1] | | | | U997 [1] | | U997 [1] | U997 [1] |
| 54885LR12 & TP | | 15R126R [1] | | | | S998 [1] or PU998 [1] | | S998 [1] or PU998 [1] | P998 [1] or PU998 [1] |
| 54855LR12 & TP | | 15G86R [0] | | | | U997 [1] | | U997 [1] | U997 [1] |

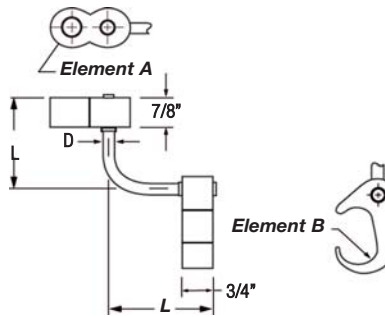
Optional ground rod knurling die for TBM 14- and 15-ton tools: 15508

Use 15500-TB adaptor for T&B 15-ton tool.

Optional ground rod knurling tool: 240-31565-94

*Use 15-ton tool only.

* = Number of crimps



Dies for E-Z-Ground® C-Taps and Cross Reference

| Cat. No. | Dies for T&B 14- and 15-Ton Tools * | Burdny Tools and dies | | |
|-----------|--|-----------------------|-----------|-----------|
| | | Y750 * | Y45 * | Y46 * |
| CTP500500 | 15G121R [3] | U1011 [3] | S1011 [3] | P1011 [3] |
| CTP500250 | 15G121R [2] | U1011 [2] | S1011 [2] | P1011 [2] |
| CTP50020 | | | | |
| CTP250250 | 15G86R [1] | U997 [1] | U997 [1] | U997 [1] |
| CTP25020 | | | | |
| CTP2020 | 15501A [1] | U-0 [1] | U-0 [1] | U-0 [1] |
| CTP202 | | | | |
| CTP22** | HBKC [1] | U-C [1] | U-C [1] | U-C [1] |

*Cat. No. 15500-TB adaptor required if using T&B 15-ton tool with 155XX series dies.

**#6 AWG branch must be doubled.

* = Number of crimps

Knurling Dies for 14- & 15-ton Tools*

| Cat. No. | Description |
|----------|----------------------|
| 15508 | For 3/4" ground rods |

Used to knurl ground rods in order to increase the pullout value of the compression connection by as much as 20%.



*Hand knurling Tool for all Ground Rods

240-31565-94

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| 13799 | .28 | B71CH | .39 | BY19 | .39 |
| 13810 | .28 | B72AH | .39 | BY19C | .39 |
| 15508 | .49 | B72CH | .39 | BY21 | .39 |
| 21061 | .28 | B73AH | .39 | BY21C | .39 |
| 21649 | .41 | B73CH | .39 | BY23 | .39 |
| 21940 | .24 | B74AH | .39 | BY23C | .39 |
| 25000 | .13 | B74CH | .39 | BY24C | .39 |
| 13100A | .23 | B75AH | .39 | BY25 | .39 |
| 13589A | .27 | B75CH | .39 | BY25C | .39 |
| 13600S | .27 | B76AH | .39 | BY27 | .39 |
| 13610A | .27 | B76CH | .39 | BY27C | .39 |
| 13642M | .25 | B76SH | .39 | BY28C | .39 |
| 15500-TB | .23 | B80EA | .39 | BY29 | .39 |
| 156CS | .41 | BCS8-40 | .29 | BY31 | .39 |
| 297-32136 | .33 | BCT840 | .29 | BY31C | .39 |
| 364RF | .30 | BCT840S | .29 | BY32C | .39 |
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| TBM14MC | .20 | WWB1 | .41 | | |
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| TBM15BSCR | .23 | | | | |
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