BURNDY® TOOLS

FULL LINE CATALOG

BURNDY®

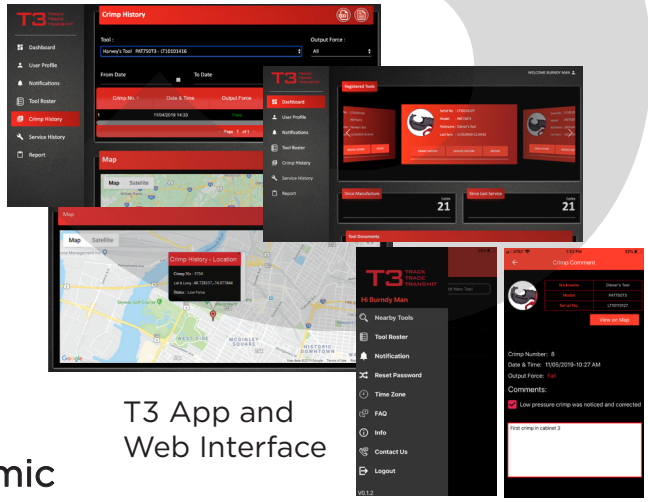
PATRIOT®
T3

Track | Trace | Transmit

T3 Technology with Onboard GPS

Record when and where crimps occur, unassisted by external devices.

- **TRACK** crimp locations with onboard GPS - BURNDY Exclusive!
- **TRACE** individual crimps with comments, photos, and output force validation
- **TRANSMIT** via Bluetooth® technology and sync data to the cloud
- Remotely observe project status
- Output force validation, green/red LED
- Manage BURNDY® T3 tool inventory
- Link accounts and securely share tools
- Create custom reports for projects



T3 App and Web Interface

All of the exceptional features of its PATRIOT predecessor, plus a new ergonomic design and state of the art technology.

1-800-451-4956 | www.burndyT3.com

Installation Tools

The BURNDY® Engineered System features the most complete line of installation tools in the electrical industry. Available in various styles: battery actuated, mechanical, full cycle ratchet, self contained hydraulic, remote controlled hydraulic, along with power actuated pumps, hoses and accessories. BURNDY has the options to suit your needs. BURNDY tools are designed to integrate with the complete line of BURNDY connectors. Whether you are a small contractor working with #22 wire or a large utility working with 2500 kcmil conductor, there is a BURNDY tool available to do the job.

The benefits of the BURNDY® Engineered System are many, the most significant benefit being reliability. There is nothing more important to the electrical industry today than reliability.

It represents the one area that leads to economical installations that will endure for the life of the installation.

Tool Center

An important element of the BURNDY® Engineered System is the BURNDY Tool Center, located at 150 Burndy Road, Littleton, NH 03561, (800-426-8720 or 603-444-6781).

This center provides advice and information on the operation, maintenance and repair of BURNDY tools. The repair center is staffed with specialized technicians who provide the best possible service for all BURNDY tools, pumps and accessories.

BURNDY designed and produced the first self contained hydraulic compression electrical connector installation tool in 1934. In our continuing efforts to provide the highest quality and highest value connection systems, we offer the current BURNDY tool policy.

Limited Warranty

The majority of BURNDY tools are warranted to be free of defects in materials and workmanship for a period of five (5) years from the date of shipment. See specific tool page for length of warranty. If inspection by a certified technician shows the trouble is caused by defective workmanship or material, BURNDY will repair or (at our option) replace the tool.

This Warranty does not apply where:

- Repairs or alterations have been made or attempted by others
- Repairs are required because of normal wear and tear
- The tool has been abused, misused or improperly maintained
- The use of any non-BURNDY product has resulted in damage to the tool

Repair Policy

All non-warranty repaired tools are completely reconditioned, at a maximum cost of 40% of a new tool, and receive a limited 1-year warranty.

If the decision is made not to repair, a handling charge of $25.00 will be applied plus return freight costs.

Return Procedure

Prior to shipping a tool for repair, please contact the BURNDY Tool Center (1-800-426-8720; 603-444-6781) or an authorized repair center, to obtain a return authorization. An estimate of the repair costs will be sent for approval once the tool is received and inspected. No repair work will begin until written approval and PO are provided. All tools sent to the BURNDY Tool Center or an authorized repair center as a warranty claim must be accompanied by a proof of purchase such as a BURNDY invoice or invoice from any BURNDY distributor.

All tools must be shipped at the owner's expense, prepaid. BURNDY pays for the return freight, same surface freight as received. Airfreight returns will be returned same way, collect for non-warranty repair and prepaid for warranty repairs.

This warranty and repair policy supercedes all previous policies and is in effect as of April 1, 2024.

IMPORTANT NOTES:

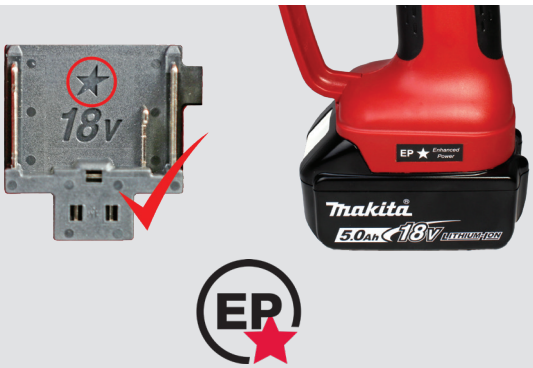
Unless noted, product is not recommended for use on energized lines.

Notes for battery operated crimpers and cutters:

It is recommended that the battery be removed when changing jaws, changing dies or storing tool in case.

Weights reflect "without battery", bare tool only.

Contact Customer Service for further information:
US: 1-800-346-4175
Canada: 1-800-465-7051
International: 1-603-647-5299



PATRIOT® SERIES with EP★ENHANCED POWER

BURNDY® PATRIOT® Tools are designed to accept an expanded range of Makita 18V Lithium-Ion Batteries, identified by Makita Star Power. Multi-Ah Capability provides the user with more choices and flexibility than ever before. Accepts large capacity 6Ah to smaller capacity 2Ah batteries.

More **POWER**, More **FLEXIBILITY**, More **PRODUCTIVITY**

Battery Tool Accessories:

BAT18VLI:	3.0Ah Li-Ion Battery
BAT18V5AHLI:	5.0Ah Li-Ion Battery
PATCHGRLI:	120V-AC Charger
PT208620:	Lanyard
PT10074020:	Wrist Strap (IN-LINE® tool)
W28K (6-ton):	Cutter die, 4-4/0 CU/AL, ACSR
WDA8300 (6-ton):	Range taking die, #8-300 AL, #6-400 CU Str., #2-4/0 CU Flex
WDC4500 (6 ton):	Range taking die, 4-500 CU Str., #2-4/0 CU Flex
P15K (15-ton):	Cutter die, max. diameter 1.2"
PUADP1 (15-ton):	U-die Adapter
PATCASELI:	Polymer Carry Case
PATPROBAG:	Nylon Pro Bag
TOOLBAGMDLI:	Vinyl Utility Bag (IN-LINE® tool)

PLEASE NOTE:

Prior models, tools **WITHOUT** the EP Enhanced Power mark, will only accept Makita 18V **3.0Ah** batteries.

Do not force any other size battery into the tool. Damage caused by doing so will void the warranty.

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Battery Crimpers

Hand Operated Crimpers

Remote Powered Crimpers

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Most frequently ordered catalog numbers are highlighted in BLUE

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Remote Cutter

Electric Pump

Force Test Gauge

Wire Micrometer

WEJTAP™ Tooling and Boosters

T3 Technology Battery Crimper 11 Ton, Dieless C-Head

PATRIOT® 11 Ton with T3 Technology
TRACK TRACE TRANSMIT

Tool Series: PAT444ST3

- **TRACK** crimp locations with onboard GPS - **BURNDY Exclusive!**
- **TRACE** individual crimps with comments, photos, and output force validation
- **TRANSMIT** via Bluetooth® technology and sync data to the cloud
- C-Head style for easy access and increased flexibility
- Dieless System with range taking capability
- 355° Head rotation
- Bright LED Worklight and Red/Green LED to validate output force
- Improved ergonomic design with more balance and better grip to reduce user fatigue

For Use On:

Copper #4 - 1000 kcmil Code & Flex
- **Terminals:** YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N, YAV, YAZ, YA-L-FX, YA-FXB, YAG
- **Splices:** YS-L, YS, YS-T

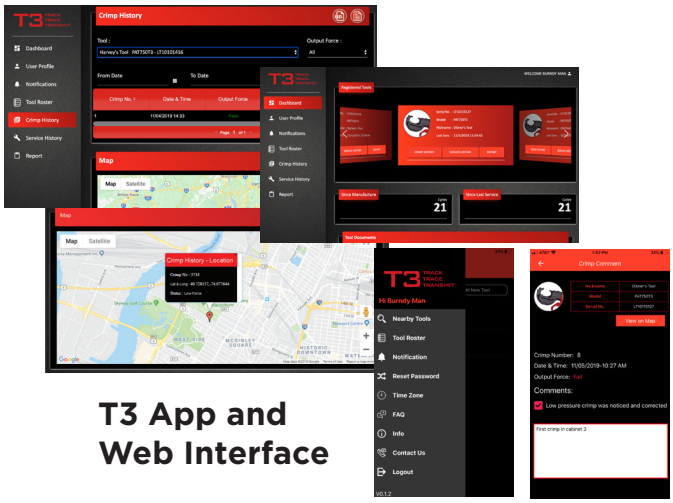
Copper #4 - 1000 kcmil Code; #2 - 777 kcmil Flex
- **HYPLUG™:** YE-P, YE-P-FX, YEV-P-FX

Aluminum #4 AWG - 1000 kcmil
- **Terminals:** YA-A, YA-A-TN
- **Splices:** YS-A
- **HYPLUG™:** AYP, AYPO

ACSR, AAC, AAAC, ACAR #4 AWG - 556.5 kcmil
- **Splices:** YDS-RL, YDS-RLNI

Cable Pulling Heads #6 AWG - 1000 kcmil copper & aluminum
- **Type:** YCP-L

See Expanded Range details in Reference Section



T3 App and Web Interface

Models:

PAT444ST3U03A2	with 3.0Ah Li-Ion batteries, hard case
PAT444ST3U05A2	with 5.0Ah Li-Ion batteries, hard case
PAT444ST3U03A3	with 3.0Ah Li-Ion batteries, pro bag
PAT444ST3U05A3	with 5.0Ah Li-Ion batteries, pro bag

Specifications:

Unique Crimp Embossment

Output Force:	11 Tons
Tool Weight:	15.20 lbs (without battery)
Size:	16.90" x 14.95" x 3.25"
Die Style:	Dieless
Operating Voltage:	18 V-DC Lithium-Ion (Accepts 2.0Ah-6.0Ah Makita)
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger
Kits Include:	2 batteries, charger, lanyard, and carrying case

Connections are UL Listed to UL 486A-486B on BURNDY® Copper and Aluminum Terminals and Splices

Complies with ANSI C119.4 on YDS-RL and YDS-RLNI Splices (ACSR, AAC, AAAC, ACAR)

Qualified for use on YCP-L Compression Pulling Heads

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
FORCEGAUGE11:	Force Test Gauge
PATPROBAG:	Nylon Pro Bag

See Important Notes page at start of Tooling Section.

T3 Technology Battery Crimper 12 Ton, C-Head

PATRIOT® 12 Ton with T3 Technology
TRACK TRACE TRANSMIT

Tool Series: PAT750T3

- **TRACK** crimp locations with onboard GPS - **BURNDY Exclusive!**
- **TRACE** individual crimps with comments, photos, and output force validation
- **TRANSMIT** via Bluetooth® technology and sync data to the cloud
- C-head with 1.65" jaw opening and 355° head rotation
- Used with U dies (sold separately)
- Patented T-Track alignment guide for HYGROUND® as well as other asymmetrical connectors
- Bright LED Worklight and Red/Green LED to validate output force
- Improved ergonomic design with more balance and better grip to reduce user fatigue

For Use On:

Tension Sleeves

Copper	#8 sol. - 500 kcmil
Aluminum	#8 sol. - 587.2 kcmil
ACSR	#4 - 556.5 kcmil

Taps

Copper	#14 sol. - 500 kcmil
Aluminum	#8 - 500 kcmil

Aerial Cable

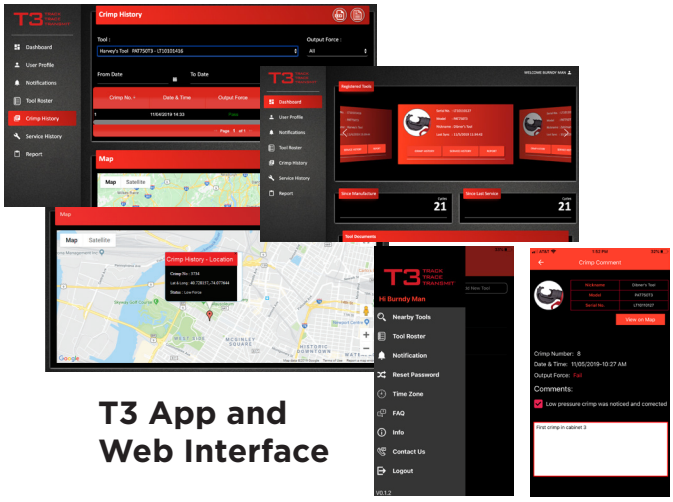
Copper	#6 - 500 kcmil

Terminals & Splices

Copper	#8 - 750 kcmil
Aluminum	#8 - 750 kcmil
ACSR	#4 - 556.5 kcmil

HYGROUND® (Compression Grounding)

Copper	#8 - 500 kcmil
Ground Rods	1/2" - 1" diameter



T3 App and Web Interface

Models:

PAT750T3U03A2	with 3.0Ah Li-Ion batteries, hard case
PAT750T3C03A2	with rubber covered head (3.0Ah), hard case
PAT750T3U05A2	with 5.0Ah Li-Ion batteries, hard case
PAT750T3C05A2	with rubber covered head (5.0Ah), hard case
PAT750T3U03A3	with 3.0Ah Li-Ion batteries, pro bag
PAT750T3C03A3	with rubber covered head (3.0Ah), pro bag
PAT750T3U05A3	with 5.0Ah Li-Ion batteries, pro bag
PAT750T3C05A3	with rubber covered head (5.0Ah), pro bag

Specifications:

Output Force:	12 Tons
Tool Weight:	14.85 lbs (without battery)
Size:	15.75" x 14.75" x 3.25"
Die Style:	U dies
Jaw Opening:	1.65"
Operating Voltage:	18 V-DC Lithium-Ion (Accepts 2.0Ah-6.0Ah Makita)
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger
Kits Include:	2 batteries, charger, lanyard, and carrying case

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
FORCEGAUGE1215:	Force Test Gauge
PATPROBAG:	Nylon Pro Bag

See Important Notes page at start of Tooling Section.

T3 Technology Battery Crimper 15 Ton, C-Head

PATRIOT® 15 Ton with T3 Technology
TRACK TRACE TRANSMIT

Tool Series: PAT46T3 C-Head

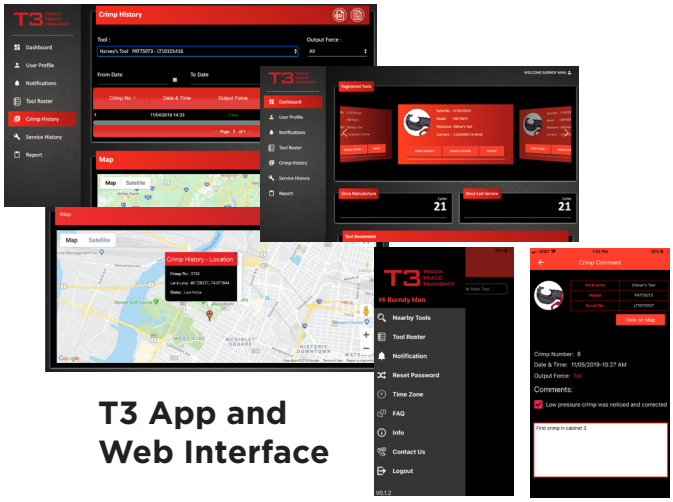
- **TRACK** crimp locations with onboard GPS - **BURNDY Exclusive!**
- **TRACE** individual crimps with comments, photos, and output force validation
- **TRANSMIT** via Bluetooth® technology and sync data to the cloud
- C-head with 2.00" jaw opening and 355° head rotation
- Used with P dies; U dies with PUADP1 Adapter (sold separately)
- Bright LED Worklight and Red/Green LED to validate output force
- Improved ergonomic design with more balance and better grip to reduce user fatigue

For Use On:

Copper - #8 AWG Str. - 1500 kcmil: Code Cable, Navy Cable, Flexible, Extra Flexible, 1/2" - 1" Ground Rods
Terminals, grounding:
to 500 kcmil; YGA, YGHA, YGF
Terminals, uninsulated:
#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX
Terminals, insulated:
#8 - 2/0 AWG; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH
Splices:
#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS
Taps:
#14 - 1000 kcmil; YH, YCHC
to 4/0 AWG; YC-C
Taps, grounding:
to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

Aluminum - #8 AWG - 1250 kcmil Code Cables
Terminals: YA-A, AYP, AYPO
Splices: YS-A, YS-AT, YRB
Taps: YFD, YFN, YFO, YFR

ACSR - see Overhead Transmission & Distribution Sections H & I



T3 App and Web Interface

Models:

PAT46T3SU03A2	with 3.0Ah Li-Ion batteries, hard case
PAT46T3SU05A2	with 5.0Ah Li-Ion batteries, hard case
PAT46T3SC03A2	with rubber covered head (3.0Ah), hard case
PAT46T3SC05A2	with rubber covered head (5.0Ah), hard case
PAT46T3SU03A3	with 3.0Ah Li-Ion batteries, pro bag
PAT46T3SU05A3	with 5.0Ah Li-Ion batteries, pro bag
PAT46T3SC03A3	with rubber covered head (3.0Ah), pro bag
PAT46T3SC05A3	with rubber covered head (5.0Ah), pro bag

Specifications:

Output Force:	15 Tons
Tool Weight:	18.15 lbs (without battery)
Size:	18.44" x 14.13" x 3.26"
Die Style:	P and U dies (with PUADP1)
Jaw Opening:	2.00"
Operating Voltage:	18 V-DC Lithium-Ion (Accepts 2.0Ah-6.0Ah Makita)
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger
Kits Include:	2 batteries, charger, lanyard, and carrying case

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
FORCEGAUGE1215:	Force Test Gauge
PATPROBAG:	Nylon Pro Bag

See Important Notes page at start of Tooling Section.

T3 Technology Battery Crimper 15 Ton, Latch Head

PATRIOT® 15 Ton with T3 Technology
TRACK TRACE TRANSMIT

Tool Series: PAT46T3 Latch Head

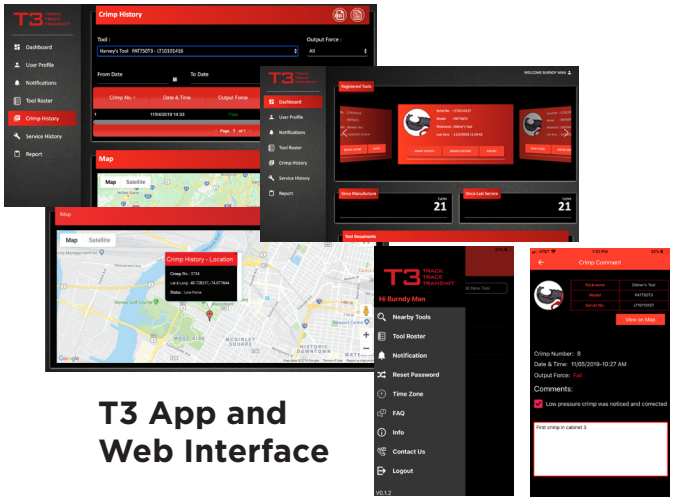
- **TRACK** crimp locations with onboard GPS - **BURNDY Exclusive!**
- **TRACE** individual crimps with comments, photos, and output force validation
- **TRANSMIT** via Bluetooth® technology and sync data to the cloud
- Latch head with 2.00" ram travel and 355° head rotation
- Used with P dies; U dies with PUADP1 Adapter (sold separately)
- Bright LED Worklight and Red/Green LED to validate output force
- Improved ergonomic design with more balance and better grip to reduce user fatigue

For Use On:

Copper - #8 AWG Str. - 1500 kcmil: Code Cable, Navy Cable, Flexible, Extra Flexible, 1/2" - 1" Ground Rods
Terminals, grounding:
to 500 kcmil; YGA, YGHA, YGF
Terminals, uninsulated:
#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX
Terminals, insulated:
#8 - 2/0 AWG; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH
Splices:
#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS
Taps:
#14 - 1000 kcmil; YH, YCHC
to 4/0 AWG; YC-C
Taps, grounding:
to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

Aluminum - #8 AWG - 1250 kcmil Code Cables
Terminals: YA-A, AYP, AYPO
Splices: YS-A, YS-AT, YRB
Taps: YFD, YFN, YFO, YFR

ACSR - see Overhead Transmission & Distribution Sections H & I



T3 App and Web Interface

Models:

PAT46T3LU03A2	with 3.0Ah Li-Ion batteries, hard case
PAT46T3LU05A2	with 5.0Ah Li-Ion batteries, hard case
PAT46T3LU03A3	with 3.0Ah Li-Ion batteries, pro bag
PAT46T3LU05A3	with 5.0Ah Li-Ion batteries, pro bag

Specifications:

Output Force:	15 Tons
Tool Weight:	16.00 lbs (without battery)
Size:	18.59" x 15.18" x 3.26"
Die Style:	P and U dies (with PUADP1)
Ram Travel:	2.00"
Operating Voltage:	18 V-DC Lithium-Ion (Accepts 2.0Ah-6.0Ah Makita)
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger
Kits Include:	2 batteries, charger, lanyard, and carrying case

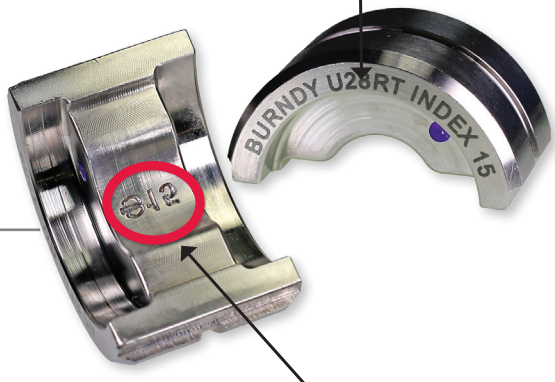
Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
FORCEGAUGE1215:	Force Test Gauge
PATPROBAG:	Nylon Pro Bag

See Important Notes page at start of Tooling Section.

THE BURNDY® ENGINEERED SYSTEM

Our mark means no guesswork. It starts with the BURNDY® Engineered System of coordinating dies, connectors and tools. It ends with safe, easy and inspectable industry compliant connections verified by the BURNDY bug. Behind every embossment is over 100 years of innovation, testing and support.



We're accountable. Every UL Listed compression connection made with the proper BURNDY® tool, die and connector combination now comes with a 5-year warranty.

The Mark of Insp
and Quality Ass

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BURNDY® TOOLS

Our products are designed to work together to meet stringent, accepted quality standards. When improving our products or debuting new ones, we are committed to ensuring they continue to work with the BURNDY® items you already have. There is no substitute for the BURNDY® Engineered System.

TRUST THE BURNDY® ENGINEERED SYSTEM

Battery Crimper 15 Ton, C-Head

PATRIOT® 15 Ton, C-Head
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT46LWS

- 2" jaw opening
- Used with P dies; U dies with PUADP1 adapter (sold separately)
- Light weight, scoop style C-head with 355º head rotation
- Overmolded, ergonomic handle
- Improved ergonomic balance
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper - #8 AWG Str. - 1500 kcmil
Code Cable, Navy Cable, Flexible, Extra Flexible
1/2" - 1" Ground Rods
Terminals, grounding:
to 500 kcmil; YGA, YGHA, YGF
Terminals, uninsulated:
#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX
Terminals, insulated:
#8 - 2/0 AWG; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH
Splices:
#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS
Taps:
#14 - 1000 kcmil; YH, YCHC
to 4/0 AWG; YC-C
Taps, grounding:
to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

Aluminum - #8 AWG - 1250 kcmil
Code Cables
Terminals: YA-A, AYP, AYPO
Splices: YS-A, YS-AT, YRB
Taps: YFD, YFN, YFO, YFR

ACSR - see Overhead Transmission & Distribution Sections H & I

Models:

PAT46LWSLI	with 3.0Ah Li-Ion batteries, hard case
PAT46CLWSLI	with rubber covered head (3.0Ah), hard case
PAT46LWSL5	with 5.0Ah Li-Ion batteries, hard case
PAT46CLWSL5	with rubber covered head (5.0Ah), hard case
PAT46LWSLIPB	with 3.0Ah Li-Ion batteries, pro bag
PAT46CLWSLIPB	with rubber covered head (3.0Ah), pro bag
PAT46LWSL5PB	with 5.0Ah Li-Ion batteries, pro bag
PAT46CLWSL5PB	with rubber covered head (5.0Ah), pro bag

Specifications:

Output Force:	15 Tons
Tool Weight:	17.65 lbs (without battery)
Size:	18.00" x 14.00" x 3.00"
Die Style:	P and U dies (with PUADP1)
Jaw Opening:	2.00"
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

Accessories:

P15K:	Cutter Die, max. diameter 1.2"
PUADP1:	U Die Adapter
BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
FORCEGAUGE1215:	Force Test Gauge

See Important Notes page at start of Tooling Section.

Battery Crimper 15 Ton, Latch Head

PATRIOT® 15 Ton, Latch Head
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT46LW

- 2" ram travel
- Used with P dies; U dies with PUADP1 adapter (sold separately)
- Light weight, Latch-head with 355° head rotation
- Overmolded, ergonomic handle
- Ergonomically balanced
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper - #8 AWG Str. - 1500 kcmil
Code Cable, Navy Cable, Flexible, Extra Flexible
1/2" - 1" Ground Rods
Terminals, grounding:
to 500 kcmil; YGA, YGHA, YGF
Terminals, uninsulated:
#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX
Terminals, insulated:
#8 - 2/0 AWG; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH
Splices:
#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS
Taps:
#14 - 1000 kcmil; YH, YCHC
to 4/0 AWG; YC-C
Taps, grounding:
to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

Aluminum - #8 AWG - 1250 kcmil
Code Cables
Terminals: YA-A, AYP, AYPO
Splices: YS-A, YS-AT, YRB
Taps: YFD, YFN, YFO, YFR

ACSR - see Overhead Transmission & Distribution Sections H & I

Models:

PAT46LWLI	with 3.0Ah batteries, hard case
PAT46LWL5	with 5.0Ah batteries, hard case
PAT46LWLIPB	with 3.0Ah batteries, pro bag
PAT46LWL5PB	with 5.0Ah batteries, pro bag

Specifications:

Output Force:	15 Tons
Tool Weight:	15.50 lbs (without battery)
Size:	18.75" x 13.75" x 3.75"
Die Style:	P and U dies (with PUADP1)
Ram Travel:	2.00"
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

Accessories:

P15K:	Cutter Die, max. diameter 1.2"
PUADP1:	U Die Adapter
BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
FORCEGAUGE1215:	Force Test Gauge

See Important Notes page at start of Tooling Section.

Battery Crimper 12 Ton, C-Head

PATRIOT® 12 Ton, C-Head
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT750

- 1.65" jaw opening
- Used with U dies
- C-head with 355° head rotation
- Patented T-Track alignment guide for HYGROUND® as well as other asymmetrical connectors
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Tension Sleeves

Copper	#8 sol. - 500 kcmil
Aluminum	#8 sol. - 587.2 kcmil
ACSR	#4 - 556.5 kcmil

Taps

Copper	#14 sol. - 500 kcmil
Aluminum	#8 - 500 kcmil

Aerial Cable

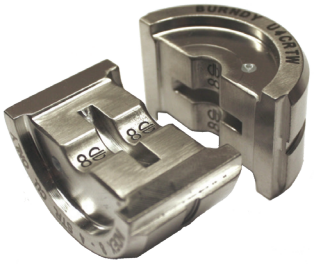
Copper	#6 - 500 kcmil

Terminals & Splices

Copper	#8 - 750 kcmil
Aluminum	#8 - 750 kcmil
ACSR	#4 - 556.5 kcmil

HYGROUND® (Compression Grounding)

Copper	#8 - 500 kcmil
Ground Rods	1/2" - 1" diameter



Wide U-dies (sold separately) can be used with long barrel terminals and splices saving time and labor!

Models:

PAT750LI	with 3.0Ah Li-Ion batteries, hard case
PAT750CLI	with rubber covered head (3.0Ah), hard case
PAT750L5	with 5.0Ah Li-Ion batteries, hard case
PAT750CL5	with rubber covered head (5.0Ah), hard case
PAT750LIPB	with 3.0Ah Li-Ion batteries, pro bag
PAT750CLIPB	with rubber covered head (3.0Ah), pro bag
PAT750L5PB	with 5.0Ah Li-Ion batteries, pro bag
PAT750CL5PB	with rubber covered head (5.0Ah), pro bag

Specifications:

Output Force:	12 Tons
Tool Weight:	14.25 lbs (without battery)
Size:	15.75" x 13.50" x 3.50"
Die Style:	U dies
Jaw Opening:	1.65"
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
FORCEGAUGE1215:	Force Test Gauge

See Important Notes page at start of Tooling Section.

Battery Crimper 11 Ton, C-Head, Dieless

PATRIOT® 11 Ton, C-Head, Dieless Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT444S

- C-Head style for easy access and increased flexibility
- Dieless System with range taking capability
- 355° Head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper #4 - 1000 kcmil Code & Flex

Terminals:	YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N, YAV, YAZ, YA-L-FX, YA-FXB, YAG
Splices:	YS-L, YS, YS-T

Copper #4 - 1000 kcmil Code; #2 - 777 kcmil Flex

HYPLUG™:	YE-P, YE-P-FX, YEV-P-FX

Aluminum #4 AWG - 1000 kcmil

Terminals:	YA-A, YA-A-TN
Splices:	YS-A
HYPLUG™:	AYP, AYPO

ACSR, AAC, AAAC, ACAR #4 AWG - 556.5 kcmil

Splices:	YDS-RL, YDS-RLNI

Cable Pulling Heads #6 AWG - 1000 kcmil copper & aluminum

Type:	YCP-L

See Expanded Range details in Reference Section

Models:

PAT444SLI	with 3.0Ah Li-Ion batteries, hard case
PAT444SL5	with 5.0Ah Li-Ion batteries, hard case
PAT444SLIPB	with 3.0Ah Li-Ion batteries, pro bag
PAT444SL5PB	with 5.0Ah Li-Ion batteries, pro bag

Specifications:

Output Force:	11 Tons
Tool Weight:	14.80 lbs (without battery)
Size:	16.9" x 13.7" x 3.2"
Die Style:	Dieless
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 years on batteries and charger

Unique 444S Crimp Embossment

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC Makita charger
PT208620:	Lanyard
FORCEGAUGE11:	Force Test Gauge

Connections are UL Listed to UL 486A-486B on BURNDY® Copper and Aluminum Terminals and Splices

Complies with ANSI C119.4 on YDS-RL and YDS-RLNI Splices (ACSR, AAC, AAAC, ACAR)

Qualified for use on YCP-L Compression Pulling Heads

See Important Notes page at start of Tooling Section.

Battery Crimper 11 Ton, Latch Head, Dieless

PATRIOT® 11 Ton, Latch Head, Dieless Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT644

- Dieless system
- Range taking capabilities
- 355° head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper #4 - 1000 kcmil Code; #2 - 777 kcmil Flex
Terminals: YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N, YAV, YAZ, YA-L-FX, YA-FXB, YBA, YAG
Splices: YS-L, YS, YS-T
HYPLUG™: YE-P, YE-P-FX, YEV-P-FX

Aluminum #6 AWG - 900 kcmil
Terminals: YA-A, YA-A-TN
Splices: YS-A
HYPLUG™: AYP, AYPO

ACSR, AAC, AAAC, ACAR #4 AWG - 556.5 kcmil
Splices: YDS-RL, YDS-RLNI

Cable Pulling Heads: YCP-L
#6 AWG - 1000 kcmil (copper & aluminum)

See Expanded Range details in Reference Section

Models:

PAT644LI	with 3.0Ah Li-Ion batteries, hard case
PAT644L5	with 5.0Ah Li-Ion batteries, hard case
PAT644LIPB	with 3.0Ah Li-Ion batteries, pro bag
PAT644L5PB	with 5.0Ah Li-Ion batteries, pro bag

Specifications:

Output Force:	11 Tons
Tool Weight:	14.55 lbs (without battery)
Size:	15.62" x 14.12" x 3.25"
Die Style:	Dieless
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

Connections are UL Listed to UL 486A-486B on BURNDY® Copper and Aluminum Terminals and Splices

Complies with ANSI C119.4 on YDS-RL and YDS-RLNI Splices (ACSR, AAC, AAAC, ACAR)

Qualified for use on YCP-L Compression Pulling Heads

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
FORCEGAUGE11:	Force Test Gauge

See Important Notes page at start of Tooling Section.

Battery Crimper 6 Ton, Latch Head, Dieless

PATRIOT® 4-POINT® 6 Ton, Latch Head, Dieless Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT81K2

- Dieless system with range taking capabilities
- Unique crimping guides for improved reliability and ease of use
- 360° head rotation
- Mechanical ram release
- Includes guides, 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

Shown with large connector guides (included)

For Use On:

Copper #8 - 1000 kcmil

Terminals: YA, YA-L
Splices: YS-L, YS, YS-T, Y-R

Copper Flex #8 - 777.7 kcmil Flex

Terminals: YA-FX, YAV, YA-L-FX
Splices: YS, YSV-FXB

Aluminum #8 - 750 kcmil

Terminals: YA-A, YA-A-TN
Splices: YS-A
HYPLUG™: AYP, AYPO

See Expanded Range details in Reference Section

Models:

PAT81K2U03A2	with 3.0Ah Li-Ion batteries, hard case
PAT81K2U05A2	with 5.0Ah Li-Ion batteries, hard case
PAT81K2U03A3	with 3.0Ah Li-Ion batteries, pro bag
PAT81K2U05A3	with 5.0Ah Li-Ion batteries, pro bag

Specifications:

Output Force:	6 Tons
Tool Weight:	11.05 lbs (without battery)
Size:	15.20" x 14.93" x 3.25"
Die Style:	Dieless
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

Small Guides:
Copper #8-4 AWG
Aluminum #8-6 AWG

Large Guides:
Copper #3 AWG-#250 kcmil
Aluminum #5-3/0 AWG

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
81KSMLGUIDEKIT:	Kit, Small Crimp Guides (included with tool)
81KLRGGUIDEKIT:	Kit, Large Crimp Guides (included with tool)

See Important Notes page at start of Tooling Section.

Battery Crimper 6 Ton, C-Head, Dieless

PATRIOT® 4-POINT® 6 Ton, C-Head, Dieless Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT4PC834

- Dieless system
- Range taking capabilities
- 360° head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper

Terminals: YA, YA-L (#8-1000 kcmil)
Splices: YS-L, YS, YS-T, Y-R (#8-500 kcmil)

Copper Flex

Terminals: YA-FX, YAV, YA-L-FX (#8-777.7 Flex)
Splices: YS, YSV-FXB (#8-500 kcmil)

Aluminum

Terminals: YA-A, YA-A-TN (#8-750 kcmil)
Splices: YS-A (#8-350 kcmil)*
HYPLUG™: AYP, AYPO (#8-750 kcmil)

*1.06" barrel diameter maximum for splices due to jaw opening

See Expanded Range details in Reference Section

Models:

PAT4PC834LI	with 3.0Ah Li-Ion batteries, hard case
PAT4PC834L5	with 5.0Ah Li-Ion batteries, hard case
PAT4PC834LIPB	with 3.0Ah Li-Ion batteries, pro bag
PAT4PC834L5PB	with 5.0Ah Li-Ion batteries, pro bag

Specifications:

Output Force:	6 Tons
Tool Weight:	12.50 lbs (without battery)
Size:	15.62" x 13.20" x 3.25"
Die Style:	Dieless
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard

See Important Notes page at start of Tooling Section.

Battery Crimper 6 Ton, Latch Head

PATRIOT® 6 Ton, Latch Head
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT600

- Permanent functional D3 groove (no die needed)
- Uses W and X style dies
- 180° head rotation
- Enhanced clearance for tap connections
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, Compact, Stranded and Solid conductors

Copper #8 - 600 kcmil

Terminals: YA, YA-L
Splices: YS-L, YS, YS-T, Y-R

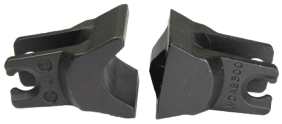
Copper Flex #8 - 350 kcmil Flex

Terminals: YA-FX, YAV, YA-L-FX
Splices: YS, YSV-FXB

Aluminum #8 - 350 kcmil

Terminals: YA-A, YA-A-TN
Splices: YS-A

WDC4500
(sold separately)



WDA8300
(sold separately)

* When used with UL Listed/CSA Certified YA, YS, YA-A, and YS-A series terminals and splices, connections are UL/CSA.
Range taking dies also for use on the YAV and YSV series.

Models:

PAT600LI	with 3.0Ah Li-Ion batteries, hard case
PAT600L5	with 5.0Ah Li-Ion batteries, hard case
PAT600LIPB	with 3.0Ah Li-Ion batteries, pro bag
PAT600L5PB	with 5.0Ah Li-Ion batteries, pro bag

Specifications:

Output Force:	6 Tons
Tool Weight:	8.65 lbs (without battery)
Size:	14.50" x 13.75" x 3.50"
Die Style:	W and X dies
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
WDIETREE:	W die holder
WDC4500*:	Range taking die for #4 - 500 Cu Str. and #2 - 4/0 Cu Flex
WDA8300*:	Range taking die for #8 - 300 Al, #6 - 400 Cu Str. and #2 - 4/0 Cu Flex

See Important Notes page at start of Tooling Section.

Battery Crimper 6 Ton, Scissor Action

PATRIOT® 6 Ton, Scissor Action Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT500SJ

- Interchangeable scissor action crimping and cutting jaws
- 180° head rotation
- Uses W and X style dies
- Ergonomically balanced tool design
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

Taps:
Copper: #10 sol. to 2/0 str.
Aluminum & ACSR: #14 sol. to 4/0 ACSR

Stirrups:
#6 to 4/0 ACSR

Overhead Full Tension Deadends, Full Tension Splices and Terminals:
#10 str. to 4/0 ACSR

Installs Splices, Taps or Terminations:
#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)
#8 to 350 kcmil Copper Flex
#8 to 350 kcmil Aluminum (YA-A, YS-A)

Interchangeable Jaw Assemblies:

PATMD6LWJAW	Crimp jaw with BG and D3 grooves
PATMD68LWJAW	Crimp jaw with O and D3 grooves
PATMD66LWJAW	Crimp jaw with D3 groove only
PATMDXPJLWJAW	Crimp jaw with X, P & J grooves
PATMD430LWJAW	Crimp jaw, Dieless, #4 AWG - 3/0 AWG
PATMDCUTLWJAW	Cutting jaw with ACSR blades
PATMDCUTCLWJAW	Cutting jaw with CU/AL blades
PATMDCUTGLWJAW	Cutting jaw with GUY blades

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC Charger
PATMD6LWJWCVR:	Jaw covers for PATMD6 and PATMD68 versions
PATMD66LWJWCVR:	Jaw covers for PATMD66 snub-nose versions
W28K:	Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
WDIETREE:	W-die holder for 6 die sets

Models:

PAT500SJ6LI	BG and D3 grooves, 3.0Ah batteries
PAT500SJ68LI	O and D3 grooves, 3.0Ah batteries
PAT500SJ66LI	D3 groove only (snub-nose), 3.0Ah batteries
PAT500SJ6L5	BG and D3 grooves, 5.0Ah batteries
PAT500SJ68L5	O and D3 grooves, 5.0Ah batteries
PAT500SJ66L5	D3 groove only (snub-nose), 5.0Ah batteries

Crimp/Cut Kits:

PAT500SJ6LICUTKIT1	Kit includes crimp head with BG & D3 grooves, cutter jaw with ACSR blades, 120V charger and 2 batteries (3.0Ah)
PAT500SJ68LICUTKIT1	Kit includes crimp head with O & D3 grooves, cutter jaw with ACSR blades, 120V charger and 2 batteries (3.0Ah)

Specifications:

Output Force:	6 Tons
Tool Weight:	10.10 lbs (without battery)
Size:	17.00" X 14.25" X 3.00"
Die Style:	W and X dies (with crimping jaws)
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

See Important Notes page at start of Tooling Section.

Battery Crimper 6 Ton, Scissor Action

PATRIOT® IN-LINE®, 6 Ton, Crimper/Cutter Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATMD-LW

Shown with BG / D3 Grooves

- Light weight, compact and ergonomic design
- Interchangeable scissor action crimping and cutting jaws
- Safety trigger lock and locking jaw tabs
- LED Worklight
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

Interchangeable Jaws

0 / D3 Grooves

D3 Groove Only Snub-Nose

XPJ Grooves

**430 Dieless

ACSR Cutting Jaw

CU/AL Cutting Jaw

GUY Cutting Jaw

Crimp Capacity*		
Connector Type	**Conductor Type**	**Range**
Terminals & Splices	Copper	#8 AWG - 500 kcmil
Terminals & Splices	Flex Copper	#8 AWG - 350 kcmil
Terminals & Splices	Aluminum (AAC)	#8 AWG - 350 kcmil
Full-Tension	ACSR	#10 - 4/0 AWG
Taps	Copper	#10 - 2/0 AWG
Taps	AAC or ACSR	#14 - 4/0 AWG
Stirrups	ACSR	#6 - 4/0 AWG

**Dieless Jaw only for use on #4-3/0 BURNDY® Overhead Distribution Families: YDS-RL, YDSR-RL, YDS-RLY, YDR-RL, YDRR-RL, YCS-RL, YCA-RL & YSS-R

Interchangeable Jaw Assemblies:

***PATMD6LWJAW**	Crimp jaw with BG and D3 grooves
***PATMD68LWJAW**	Crimp jaw with 0 and D3 grooves
***PATMD66LWJAW**	Crimp jaw with D3 groove only
PATMDXPJLWJAW	Crimp jaw with X, P, & J grooves
****PATMD430LWJAW**	**Crimp jaw, Dieless for #4-3/0 AWG
PATMDCUTLWJAW	Cutting jaw with ACSR blades
PATMDCUTCLWJAW	Cutting jaw with CU/AL blades
PATMDCUTGLWJAW	Cutting jaw with GUY blades

Standard Crimp/Cut Kits are available supplied with both crimping and cutting jaws. (See separate pages in Cutters Section.) Customize a tool kit with up to 3 jaws and optional accessories. Contact Customer Service at 1-800-346-4175.

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
W28K:	Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
WDIETREE:	W-die holder for 6 die sets
CASEWDIES:	W-die case holder for 12 die sets
TOOLBAGMDLI:	Tool bag (included with tool)

Models:

PATMD6LW	BG and D3 grooves, 3.0Ah batteries
PATMD68LW	0 and D3 grooves, 3.0Ah batteries
PATMD66LW	D3 groove only, 3.0Ah batteries
PATMD70003A1	XPJ grooves, 3.0Ah batteries
****PATMD80003A1**	**#4-3/0 dieless, 3.0Ah batteries
PATMD6LW5	BG and D3 grooves, 5.0Ah batteries
PATMD68LW5	0 and D3 grooves, 5.0Ah batteries
PATMD66LW5	D3 groove only, 5.0Ah batteries
PATMD70005A1	XPJ grooves, 5.0Ah batteries
****PATMD80005A1**	**#4-3/0 dieless, 5.0Ah batteries

Specifications:

Output Force:	6 Tons
Tool Weight:	5.50 lbs (without battery)
Length:	17.85" - 18.73" (varies by jaw size)
Die Style*:	W and X dies (with crimping jaws; excluding XPJ grooves and 430 Dieless)
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 years on batteries and charger

See Important Notes page at start of Tooling Section.

Battery Crimper For Small Terminals #22-1 AWG

PATRIOT® Small Terminal Battery Crimper Mechanically Driven, 18V Lithium-Ion

Tool Series: PAT221

- Scissor action, angled head design
- One-second crimp time with auto retract and calibration
- Connector hold feature for easy wire insertion
- LED Worklight
- Red LED to indicate an incomplete crimp
- Safety Trigger Lock - **BURNDY Exclusive!**
- Emergency Release

Shown with #81WHL221 Die Wheel

Dies / Wheels and For Use On:

Catalog Number	Copper Wires Size	Connector Catalog Types
81WHL221	#8 - #1 AWG	YA, YAV, YS, YSV
122WHL221	#12 - #2 AWG	T, YAD, YA, YAV, YAZ, YAZV, YS, YSV
2210B221	#22 - #10 AWG Bare	T, YAD, T-F, YAD-H, YAV, YAV-H, YAV-H-F, YAV-R, YAV-T-F, YAV-Z, YSV, YSV-H
2210NV221	#22 - #10 AWG Nylon & Vinyl	TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS, TN, YAES, TN-F, YAES-F, SNM*, YSES*, YAE-N, YAE-N-F, YAE-Z, YSE-HN, YSE-H, YAEV (*Excludes #10 Size)

81WHL221

122WHL221

2210B221

2210NV221

Models*:

PAT221A02A2	with dies #2210B221, 2210NV221, and die wheels 81WHL221, 122WHL221
PAT221B02A2	with kit accessories, no dies/wheels
PAT221C02A2	with dies #2210B221, 2210NV221
PAT221D02A2	with wheels #81WHL221, 122WHL221
PAT221B0000	Bare tool only

Specifications:

Tool Weight:	2.60 lbs
Size:	10.60" x 4.20" x 2.80"
Die Style:	Interchangeable dies with permanent grooves
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	< 25 minutes (2.0Ah)
Battery:	Accept 2.0Ah - 6.0Ah Makita batteries
Warranty:	3 year limited warranty 3 year on batteries and charger
***Kit Contents:**	Includes (2) 2.0Ah batteries, charger, case and respective dies noted

Accessories:

BAT18V2AHLI:	2.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
CASEPAT221:	Polymer carrying case

See Important Notes page at start of Tooling Section.

Hand Operated Crimper 12 Ton, C-Head

HYPRESS™ 12 Ton, C-Head Hydraulic Self-Contained

Tool Series: Y750HSXT

- 355° head rotation
- 1.65" jaw opening
- Rapid advance pump
- Uses standard BURNDY U dies (sold separately)

For Use On:

Tension Sleeves

Copper	#8 sol. - 500 kcmil
Aluminum	#8 sol. - 587.2 kcmil
ACSR	#4 - 556.5 kcmil

Taps

Copper	#14 sol. - 500 kcmil
Aluminum	#8 - 500 kcmil

Aerial Cable

Copper	#6 - 500 kcmil

Terminals & Splices

Copper	#8 - 750 kcmil
Aluminum	#8 - 750 kcmil
ACSR	#4 - 556.5 kcmil

HYGROUND® (Compression Grounding)

Copper	#8 - 500 kcmil
Ground Rods	1/2" - 1" diameter

Models:

Y750HSXT	Standard C-Head tool
Y750CHSXT	**Y750HSXT** with rubber covered head

Specifications:

Output Force:	12 Tons
Tool Weight:	14.5 lbs
Size:	23.96" x 8.71" x 2.90"
Die Style:	U dies
Jaw Opening:	1.65"
Warranty:	5 year limited warranty

Accessories:

PT10024162:	Plastic carrying case for Y750HSXT/Y750CHSXT
FORCEGAUGE1215:	Force test gauge
CASEUDIES15:	Plastic die case for U dies

Hand Operated Crimper 12 Ton, C-Head

HYPRESS™ 12 Ton, C-Head Hydraulic Self-Contained

Tool Series: Y35

- 180° head rotation
- Uses BURNDY U style dies (sold separately)
- Body and handles rubber covered for impact protection
- Trigger controlled ram release

For Use On:

Copper #8 str. - 500 kcmil code cable
Grounding Terminals:
YGH, YGHA, YGF
Grounding Splices:
YGS, YGHS

Copper #8 str. - 500 kcmil and up to 3/4" ground rod
Grounding Taps:
YGHC-C, YGHP-C, YGHR-C

Copper #8 str. - 750 kcmil code cable, N30 - N500 Navy cable, flexible, and extra flex
Terminals (Bare):
YA, YA-2N, YA-L, YA-LB, YA-2LN
Terminals (Insulated):
YAEV-L, YAEV-H, YAEV-RS, YAEV-RH
Splices to 400 kcmil only:
YS, YS-T, YS-L, YS-LB, YSV-L, YSM

Aluminum #8 str. - 750 kcmil code cable
Terminals:
YA-A, AYP, AYPO
Splices to 350 kcmil only:
YSA, YRB, YS-AT

ACSR - See Overhead Transmission & Distribution Sections H & I

Models:

Y35	Standard C-Head tool (rubber covered body and handles only)
Y352	Y35 with rubber covered head, body, and handles

Specifications:

Output Force:	12 Tons
Tool Weight:	13.5 lbs
Size:	23.25" x 4.75" x 2.75"
Die Style:	U dies
Warranty:	5 year limited warranty

Accessories:

PT2972:	Steel Carry Case (included with tool)
Y35/Y39REPKITA:	Seal Repair Kit
PT292792:	12 ton Force Gauge

Hand Operated Crimper 11 Ton, Latch Head, Dieless

HYPRESS™ 11 Ton, Latch Head, Dieless Hydraulic Self-Contained

Tool: Y644HSXT

- 355° head rotation
- Dieless System
- Range taking capabilities
- Only "1" crimp necessary for most standard and long barrel terminals and splices
- Easy inspection; positive identification proved with BURNDY® 'Bug' ( ) embossment after crimp completion

For Use On:

Copper #4 - 1000 kcmil Code; #2 - 777 kcmil Flex
Terminals: YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N, YAV, YAZ, YA-L-FX, YA-FXB, YBA, YAG
Splices: YS-L, YS, YS-T
HYPLUG™: YE-P, YE-P-FX, YEV-P-FX

Aluminum #6 - 900 kcmil
Terminals: YA-A, YA-A-TN
Splices: YS-A
HYPLUG™: AYP, AYPO

ACSR, AAC, AAAC, ACAR #4 AWG - 556.5 kcmil
Splices: YDS-RL

#6 AWG - 1000 kcmil (copper & aluminum)
Cable Pulling Heads: YCP-L

See Expanded Range details in Reference Section

Models:

Y644HSXT	Standard Dieless Latch Head tool

Specifications:

Output Force:	11 Tons
Tool Weight:	15.0 lbs
Size:	23.20" x 7.04" x 3.00"
Die Style:	Dieless
Warranty:	5 year limited warranty

Accessories:

Y644HSCASE:	Plastic carrying case (included with tool)

Connections are UL Listed to UL 486A-486B on BURNDY® Copper and Aluminum Terminals and Splices

Complies with ANSI C119.4 on YDS-RL and YDS-RLNI Splices (ACSR, AAC, AAAC, ACAR)

Qualified for use on YCP-L Compression Pulling Heads

Hand Operated Crimper 6 Ton, Latch Head, Dieless

4-POINT® 6 Ton, Latch Head, Dieless Hydraulic Self-Contained

Tool: Y81K2

- Dieless System
- Range taking capabilities
- Unique crimping guides for improved reliability and ease of use
- Flip top latch head design
- 360° head rotation

Shown with large connector guides (included)

For Use On:

Copper #8 -1000 kcmil

Terminals: YA, YA-L
Splices: YS-L, YS, YS-T, Y-R

Copper Flex #8 - 777.7 kcmil Flex

Terminals: YA-FX, YAV, YA-L-FX
Splices: YS, YSV-FXB

Aluminum #8 - 750 kcmil

Terminals: YA-A, YA-A-TN
Splices: YS-A
HYPLUG™: AYP, AYPO

See Expanded Range details in Reference Section

Models:

Y81K2	Standard 4-POINT® Dieless Latch Head tool

Specifications:

Output Force:	6 Tons
Tool Weight:	13.6 lbs
Size:	23.90" x 7.70" x 2.50"
Die Style:	Dieless
Warranty:	5 year limited warranty

Small Guides:
Copper #8-4 AWG
Aluminum #8-6 AWG

Large Guides:
Copper #3 AWG-#250 kcmil
Aluminum #5-3/0 AWG

Accessories:

PT10050733:	Plastic carrying case (included with tool)
81KSMLGUIDEKIT:	Kit, Small Crimp Guides (included with tool)
81KLRGGUIDEKIT:	Kit, Large Crimp Guides (included with tool)

Hand Operated Crimper 6 Ton, C-Head, Dieless

4-POINT® 6 Ton, C-Head, Dieless Hydraulic Self-Contained

Tool: Y4PC834

- 360° head rotation
- Dieless System
- Range taking capabilities
- Handle trigger release

For Use On:

Copper

Terminals: YA, YA-L (#8-1000 kcmil)
Splices: YS-L, YS, YS-T, Y-R (#8-500 kcmil)

Copper Flex

Terminals: YA-FX, YAV, YA-L-FX (#8-777.7 Flex)
Splices: YS, YSV-FXB (#8-500 kcmil)

Aluminum

Terminals: YA-A, YA-A-TN (#8-750 kcmil)
Splices: YS-A (#8-350 kcmil)*
HYPLUG™: AYP, AYPO (#8-750 kcmil)

*1.06" barrel diameter maximum for splices due to jaw opening

See Expanded Range details in Reference Section

Models:

Y4PC834	Standard 4-POINT® Dieless C-Head tool

Specifications:

Output Force:	6 Tons
Tool Weight:	11.9 lbs
Size:	25.62" x 7.75" x 2.50"
Die Style:	Dieless
Warranty:	5 year limited warranty

Accessories:

PT10050733:	Plastic carrying case (included with tool)

Hand Operated Crimper 6 Ton, Latch Head

L'IL CRIMP™ 6 Ton, Latch Head Hydraulic Self-Contained

Tool: Y500CTHS

- Permanent functional D3 groove (no die needed)
- Used with W and X style dies
- 180° head rotation
- Enhanced clearance for tap connectors

For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, Compact, Stranded and Solid conductors

Copper #8 - 600 kcmil

Terminals: YA, YA-L
Splices: YS-L, YS, YS-T, Y-R

Copper Flex #8 - 350 kcmil Flex

Terminals: YA-FX, YAV, YA-L-FX
Splices: YS, YSV-FXB

Aluminum #8 - 350 kcmil

Terminals: YA-A, YA-A-TN
Splices: YS-A

WDC4500 range taking die for
#4 - 500 Cu Str. and
#2 - 4/0 Cu Flex
(sold separately)

WDA8300 range taking die for
#8 - 300 Al
#6 - 400 Cu Str. and
#2 - 4/0 Cu Flex
(sold separately)

Models:

Y500CTHS	Standard Latch Head tool

Specifications:

Output Force:	6 Tons
Tool Weight:	7.8 lbs
Size:	18.00" x 5.50" x 2.68"
Die Style:	W and X dies
Warranty:	5 year limited warranty

Accessories:

WDC4500*:	Range taking die for #4 - 500 Cu Str. and #2 - 4/0 Cu Flex
WDA8300*:	Range taking die for #8 - 300 Al, #6 - 400 Cu Str. and #2 - 4/0 Cu Flex
PT212851:	Metal carrying case (included with tool)

* When used with UL Listed/CSA Certified YA, YS, YA-A, and YS-A series terminals and splices, connections are UL/CSA.
Range taking dies also for use on the YAV and YSV series.

Remote Operated Crimper 60 Ton, Latch Head

60 Ton, Latch Head, Remote Powered Single Acting Light Weight Hydraulic Tool

Tool: Y60LW

- Remote power operated
- Used with BURNDY L, wide L style dies, and HPS/Fargo-equivalent 60 ton dies
- Base stand and metal carry case (for head only) included
- Side lift handle

For Use On:

Copper 300 - 2000 kcmil Str. Code Cable
Terminals: YA, YA-2N, YA-4N, YA-L, YA-2LN, YA-LB
Splices: YS, YST, YS-L, YS-T, YSP-T

Aluminum 250 - 2000 kcmil Str. Code Cable
Terminals: YA-A
Splices: YS-A, YS-AT

Transmission & Distribution Connectors:
Tension Sleeves:
Copper: 1/0 str. - 1000 kcmil
Aluminum: 1/0 str. - 2300 kcmil
ACSR: 1/0 str. - 2156 (84/19 str.) kcmil
Aerial:
Copper: 4/0 str. - 2500 kcmil
Aluminum: 3/0 str. - 2500 kcmil
Types: YTS, YTN, YNS, YNA, YNT, YNTA, YNU, YDS, YDN, YCS, YCA, YCU

Models:

Y60LW	Standard Remote Latch Head tool

Specifications:

Output Force:	60 Tons
Tool Weight:	43.0 lbs
Size:	12.93" x 8.06" x 8.06"
Die Style:	L dies (standard or wide style); HPS/Fargo-equivalent 60 ton dies
Operating Pressure:	10,000 PSI
Warranty:	5 year limited warranty

Y60LW pictured on Y60LWSTAND (included with tool purchase)

Accessories:

Y60LWSTAND:	Metal stand for Y60LW (included with tool)
Y60LWCASE:	Steel carry case for Y60LW head (included with tool)

See Gas or Electric Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Wide L-dies (sold separately) can be used to save time and labor! Indicator marks on die set for ease of aligning connector properly. **L725W** shown.

Remote Operated Crimper 15 Ton, C-Head

15 Ton, C-Head Remote Operated Hydraulic Tool

Tool Series: Y46LWSBH

- 2" jaw opening
- Used with P dies; U dies with PUADP1 adapter (sold separately)
- Positive push button die locks
- Light weight scoop style open head design

For Use On:

Copper - #8 AWG Str. - 1500 kcmil
Code Cable, Navy Cable, Flexible, Extra Flexible
1/2" - 1" Ground Rods
Terminals, grounding:
to 500 kcmil; YGA, YGHA, YGF
Terminals, uninsulated:
#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX
Terminals, insulated:
#8 - 2/0 AWG; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH
Splices:
#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS
Taps:
#14 - 1000 kcmil; YH, YCHC
to 4/0 AWG; YC-C
Taps, grounding:
to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

Aluminum - #8 AWG - 1250 kcmil
Code Cables
Terminals: YA-A, AYP, AYPO
Splices: YS-A, YS-AT, YRB
Taps: YFD, YFN, YFO, YFR

ACSR - See Overhead Transmission & Distribution Sections H & I

Models:

Y46LWSBH	Standard Light Weight C-Head tool
Y46CLWSBH	Permanently molded head of 3/16" rubber included separate molded rubber boot for lower body and hydraulic coupler
Y46CLWSBHF	Y46CLWSBH (covered) tool with Female coupler
Y46LWSBHF	Y46LWSBH tool with Female coupler (not rubber covered)

Specifications:

Output Force:	15 Tons
Tool Weight:	14.5 lbs
Size:	14.68" x 5.06" x 2.88"
Die Style:	P and U dies (with PUADP1)
Operating Pressure:	10,000 PSI
Cycles:	10,000
Warranty:	5 year limited warranty

Accessories:

PUADP1:	U die adapter
P15K:	Cutter Die, max. diameter 1.2"
PT10054094:	Red nylon carry bag (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Remote Operated Crimper 15 Ton, Latch Head

15 Ton, Latch Head Remote Operated Hydraulic Tool

Tool Series: Y46LWBH

- 2" ram travel
- Used with P dies; U dies with PUADP1 adapter (sold separately)
- Positive push button die locks
- Light weight latch head design

For Use On:

Copper - #8 AWG Str. - 1500 kcmil
Code Cable, Navy Cable, Flexible, Extra Flexible
1/2" - 1" Ground Rods
Terminals, grounding:
to 500 kcmil; YGA, YGHA, YGF
Terminals, uninsulated:
#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX
Terminals, insulated:
#8 - 2/0 AWG; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH
Splices:
#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS
Taps:
#14 - 1000 kcmil; YH, YCHC
to 4/0 AWG; YC-C
Taps, grounding:
to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

Aluminum - #8 AWG - 1250 kcmil
Code Cables
Terminals: YA-A, AYP, AYPO
Splices: YS-A, YS-AT, YRB
Taps: YFD, YFN, YFO, YFR

ACSR - See Overhead Transmission & Distribution Sections H & I

Models:

Y46LWBH	Standard Light Weight Latch Head tool
Y46LWBHF	Y46LWBH tool with Female coupler (not rubber covered)

Specifications:

Output Force:	15 Tons
Tool Weight:	12.4 lbs
Size:	14.88" x 5.06" x 3.07"
Die Style:	P and U dies(with PUADP1)
Operating Pressure:	10,000 PSI
Cycles:	10,000
Warranty:	5 year limited warranty

Accessories:

PUADP1:	U die adapter
P15K:	Cutter Die, max. diameter 1.2"
PT10054094:	Red nylon carry bag (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Remote Operated Crimper 15 Ton, C-Head

15 Ton, C-Head Remote Operated Hydraulic Tool

Tool: Y45

- Lifting eye
- Fully protected ram and die buttons
- Used with S dies; U dies with PT6515 adapter (sold separately)

For Use On:

Tension Sleeves:
Copper #8 sol. - 500 kcmil
Aluminum #6 sol. - 954 kcmil
ACSR #4 - 795 (26/7) kcmil

Taps:
Aluminum #14 - 954 (18/1) kcmil
ACSR #6 - 795 (54/7) kcmil

Aerial Cable Connectors:
Copper #6 str. - 1500 kcmil
Aluminum #4 str. - 1000 kcmil

HYGROUND® Compression Grounding:
Copper #6 - 500 kcmil
1/2" - 1" ground rods

Code Cable Terminals/Splices:
Copper #8 - 1500 kcmil
Aluminum #8 - 1000 kcmil

Code Cable Taps:
Copper #14 - 1000 kcmil
Aluminum #14 - 900 kcmil

Models:

Y45	Standard Remote C-Head tool

Specifications:

Output Force:	15 Tons
Tool Weight:	15.5 lbs
Size:	15.25" x 4.50" x 2.62"
Die Style:	S and U dies (with PT6515)
Operating Pressure:	10,000 PSI
Cycles:	10,000
Warranty:	5 year limited warranty

Accessories:

PT6515:	Adapter for use with U die sets
PT6545:	Die carrying case for S and/or P die type dies. Holds eight (8) die sets. Dies sold separately.
433206016010:	Carry case (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Remote Operated Crimper 12 Ton, C-Head

12 Ton, C-Head Remote Operated Hydraulic Tool

Tool: Y750BHXT

- 1.65" jaw opening
- 355º head rotation
- Used with U dies
- Exposed positive die lock buttons

For Use On:

Tension Sleeves

Copper	#8 sol. - 500 kcmil
Aluminum	#8 sol. - 587.2 kcmil
ACSR	#4 - 556.5 kcmil

Taps

Copper	#14 sol. - 500 kcmil
Aluminum	#8 - 500 kcmil

Aerial Cable

Copper	#6 - 500 kcmil

Terminals & Splices

Copper	#8 - 750 kcmil
Aluminum	#8 - 750 kcmil
ACSR	#4 - 556.5 kcmil

HYGROUND® (Compression Grounding)

Copper	#8 - 500 kcmil
Ground Rods	1/2" - 1" diameter

Models:

Y750BHXT	Standard Remote C-Head tool

Specifications:

Output Force:	12 Tons
Tool Weight:	10.8 lbs
Size:	12.80" x 5.20" x 2.90"
Die Style:	U dies
Jaw Opening:	1.65"
Operating Pressure:	10,000 PSI
Warranty:	5 year limited warranty

Accessories:

CASEUDIES15:	Plastic die case for U style dies Holds 15 die sets. Dies sold separately.
PT10054094:	Red nylon carry bag (included with tool)

See Hydraulic Pumps and Hydraulic Hoses;
Pump Accessories
for other necessary equipment.

Remote Operated Crimper 12 Ton, C-Head

12 Ton, C-Head Remote Operated Hydraulic Tool

Tool Series: Y35BH

- Lifting eye
- .95" jaw opening
- Uses U dies
- Positive die lock buttons

For Use On:

Copper #8 str. - 500 kcmil code cable
Grounding Terminals:
YGH, YGHA, YGF
Grounding Splices:
YGS, YGHS

Copper #8 str. - 500 kcmil and up to 3/4" ground rod
Grounding Taps:
YGHC-C, YGHP-C, YGHR-C

Copper #8 str. - 750 kcmil code cable, N30 - N500 Navy cable, flexible, and extra flex
Terminals (Bare):
YA, YA-2N, YA-L, YA-LB, YA-2LN
Terminals (Insulated):
YAEV-L, YAEV-H, YAEV-RS, YAEV-RH
Splices to 400 kcmil only:
YS, YS-T, YS-L, YS-LB, YSV-L, YSM

Aluminum #8 str. - 750 kcmil code cable
Terminals:
YA-A, AYP, AYPO
Splices to 350 kcmil only:
YSA, YRB, YS-AT

ACSR - See Overhead Transmission & Distribution Sections H & I

Models:

Y35BH	Standard Remote C-Head tool
Y35BH4	Permanent molded rubber head, 3/16" rubber for tool impact protection

Specifications:

Output Force:	12 Tons
Tool Weight:	8.0 lbs
Size:	9.25" x 4.75" x 2.62"
Die Style:	U dies
Jaw Opening:	.95"
Operating Pressure:	10,000 PSI
Cycles:	10,000
Warranty:	5 year limited warranty

Accessories:

PT29413:	Carry case (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Remote Operated Crimper 11 Ton, C-Head, Dieless

11 Ton, C-Head, Dieless
Remote Operated Hydraulic Tool

Tool Series: Y444SBH

- C-Head style for easy access and increased flexibility
- Dieless system with range taking capability
- Qualified on both UL and ANSI connections

For Use On:

Copper #4 - 1000 kcmil Code & Flex
Terminals: YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N, YAV, YAZ, YA-L-FX, YA-FXB, YBA, YAG
Splices: YS-L, YS, YS-T

Copper #4 - 1000 kcmil Code; #2 - 777 kcmil Flex
HYPLUG™: YE-P, YE-P-FX, YEV-P-FX

Aluminum #4 - 1000 kcmil
Terminals: YA-A, YA-A-TN
Splices: YS-A
HYPLUG™: AYP, AYPO

ACSR, AAC, AAAC, ACAR #4 AWG - 556.5 kcmil
Splices: YDS-RL, YDS-RLNI

Cable Pulling Heads: YCP-L
#6 AWG - 1000 kcmil (copper & aluminum)

See Expanded Range details in Reference Section

Models:

Y444SBH	Tool with male couplers
Y444SBHF	Tool with female couplers

Specifications:

Output Force:	11 Tons
Tool Weight:	10.6 lbs
Size:	13.33" x 4.75" x 2.92"
Die Style:	Dieless
Operating Pressure:	10,000 PSI
Warranty:	5 year limited warranty

Unique 444S Crimp Embossment

Accessories:

PT10054094:	Red nylon carry bag (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Connections are UL Listed to UL 486A-486B on BURNDY® Copper and Aluminum Terminals and Splices

Complies with ANSI C119.4 on YDS-RL and YDS-RLNI Splices (ACSR, AAC, AAAC, ACAR)

Qualified for use on YCP-L Compression Pulling Heads

Remote Operated Crimper 6 Ton, Latch Head, Dieless

4-POINT® 6 Ton, Latch Head, Dieless Remote Operated Hydraulic Tool

Tool: Y81K2MBH

- Dieless system with range taking capabilities
- Unique crimping guides for improved reliability and ease of use
- Flip top design
- Incorporates Parker-type quick connect 3/8" male coupler
- 360º head rotation

Shown with small connector guides (included)

For Use On:

Copper #8 - 1000 kcmil

Terminals: YA, YA-L
Splices: YS, YS-L, YS-T, Y-R

Copper Flex #8 - 777.7 kcmil Flex

Terminals: YA-FX, YAV, YA-L-FX
Splices: YS, YSV-FXB

Aluminum #8 - 750 kcmil

Terminals: YA-A, YA-A-TN
Splices: YS-A
HYPLUG™: AYP, AYPO

See Expanded Range details in Reference Section

Models:

Y81K2MBH	Standard 4-POINT® Dieless Remote tool

Specifications:

Output Force:	6 Tons
Tool Weight:	8.5 lbs
Size:	12.30" x 5.40" x 2.00"
Die Style:	Dieless
Operating Pressure:	10,000 PSI
Warranty:	5 year limited warranty

Small Guides:
Copper #8-4 AWG
Aluminum #8-6 AWG

Large Guides:
Copper #3 AWG-#250 kcmil
Aluminum #5-3/0 AWG

Accessories:

PT10054094:	Red nylon carry bag (included with tool)
81KSMLGUIDEKIT:	Kit, Small Crimp Guides (included with tool)
81KLRGGUIDEKIT:	Kit, Large Crimp Guides (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Remote Operated Crimper 6 Ton, C-Head, Dieless

4-POINT® 6 Ton, C-Head, Dieless Remote Operated Hydraulic Tool

Tool: Y4PC834MBH

- Dieless System
- Range taking capabilities
- C-shaped head design
- 360° head rotation

For Use On:

Copper

Terminals: YA, YA-L (#8-1000 kcmil)
Splices: YS-L, YS, YS-T, Y-R (#8-500 kcmil)

Copper Flex

Terminals: YA-FX, YAV, YA-L-FX (#8-777.7 Flex)
Splices: YS, YSV-FXB (#8-500 kcmil)

Aluminum

Terminals: YA-A, YA-A-TN (#8-750 kcmil)
Splices: YS-A (#8-350 kcmil)*
HYPLUG™: AYP, AYPO (#8-750 kcmil)

*1.06" barrel diameter maximum for splices due to jaw opening

See Expanded Range details in Reference Section

Models:

Y4PC834MBH	Standard 4-POINT® Dieless Remote C-Head tool

Specifications:

Output Force:	6 Tons
Tool Weight:	8.4 lbs
Size:	5.50" x 4.00" x 2.00"
Die Style:	Dieless
Operating Pressure:	10,000 PSI
Warranty:	5 year limited warranty

Accessories:

PT10054094:	Red nylon carry bag (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Remote Operated Crimper 9 Ton, C-Head

9 Ton, Latch Head Remote Operated Hydraulic Tool

Tool Series: Y34BH

- Molded rubber covering on head, body, and hose fittings
- Fast ram retraction
- Compact C-shaped forged head

For Use On:

Copper #4 - 500 kcmil code cable
Welding Cable: 350 kcmil
N40 to N500 Navy Cable
Flexible and Extra Flexible
#4 - 4/0 Aircraft Cable

HYLUG™ Terminals (Bare)
HYLINK™ Splices (Bare)

HYCRAB™ BURNDY® Network Connector System
Copper: #4 - 500 kcmil str.
Aluminum: #6 - 300 kcmil

Models:

Y34BH	9-Ton Remote C-Head tool

Specifications:

Output Force:	9 Tons
Tool Weight:	8.0 lbs
Size:	16.75" x 3.00" x 3.00"
Die Style:	B nest & Y34 series indenter dies
Jaw Opening:	1.10"
Operating Pressure:	10,000 PSI
Warranty:	5 year limited warranty

Installation Die Charts for Y34BH

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Copper Conductor		
Installation Die		Max. Conductor
Nest	Indenter	
B4CD	Y34PR	#4 Str.
B2CD	Y34PR	#2 Str.
B1CD	Y34PR	#1 Str.
B25D	Y34PR	1/0 Str.
B26D	Y34PR	2/0 Str.
B27D	Y34PR	3/0 Str.
B28D	Y34PR	4/0 Str.
B29D	Y34PR	250 kcmil
B30D	Y34PR	300 kcmil
B31D	Y34PR	350 kcmil
No Die Req'd	Y34PR	500 kcmil

Aluminum Conductor		
Installation Die		Max. Conductor
Nest	Indenter	
B4CD	Y34PA	#6 Str.
B1CD	Y34PA	#4 Str.
B25D	Y34PA	#2 Str.
B26D	Y34PR5	#1 Str.
B27D	Y34PR5	1/0 Str.
B29D	Y34PR5	2/0 Str.
B30D	Y34PR5	3/0 Str.
B31D	Y34PR5	4/0 Str.
B32D	Y34PR5	250 kcmil
No Die Req'd	Y34PR11	300 kcmil

Remote Operated Crimper 4.5 Ton, C-Head

4.5 Ton, 6,000 PSI, C-Head Remote Operated Hydraulic Tool

Tool: Y29BH

- D series nest dies and Y29 series indenter dies
- Light weight, portable design
- C-shaped head; 1.2" jaw opening
- Easy placement/removal on continuous conductor lengths

For Use On:

Copper #8 - 2/0 AWG Code/Flex

Nylon Insulated Lugs:
(Connectors meet MIL-T-7928 requirements)
YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

Non-Insulated Lugs:
(Connectors meet MIL-T-7928 requirements)
YAV-L, YAV-R, YAV-RS

Copper #8 - 4/0 AWG

Non-Insulated Splices:
(Type YSV-L connectors UL Listed/CSA Certified)
YSM, YSV-L

Models:

Y29BH	4.5-Ton, 6,000 PSI, Remote C-Head tool

Specifications:

Output Force:	4.5 Tons
Tool Weight:	5.0 lbs
Size:	10.75" x 3.00" x 1.25"
Die Style:	D nest & Y29 series indenter dies
Jaw Opening:	1.15"
Operating Pressure:	6,000 PSI
Warranty:	5 year limited warranty

Installation Die Chart for Y29BH (Connectors meet MIL-T-7928 requirements)

Non-Insulated Connectors		Maximum Conductor	Insulated Connectors	
Nest	**Indenter**	**Size**	**Nest**	**Indenter**
DV8L1	Y29PL	#8 AWG	DEV8L	Y29PLE1
DV6L	Y29PL	#6 AWG	DEV6L	Y29PLE1
DV4L	Y29PL	#4 AWG	DEV4L	Y29PLE1
DV2L	Y29PL	#2 AWG	DEV2L	Y29PLE
DV1L	Y29PL	#1 AWG	DV26L	Y29PLE
DV25L	Y29PR	1/0 AWG	DEV25L	Y29PLE
DV26L	Y29PR	2/0 AWG	DEV26L	Y29PLE

Accessories:

PT30250:	Metal carrying case (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

PT30250 metal carrying case (included with tool)

DIE 692
BURNDY

THE POWER OF EXPERIENCE

BURNDY® Tools exemplify both reliability and engineering knowledge unsurpassed in the industry.

Plier Hand Tool; for #22-10 AWG Nylon/Bare

Hand tool for #22 - 10 AWG Nylon and Bare Connectors

Tool: Y10D

- One tool for both nylon insulated and bare connectors
- Precision machined wire cutter for aluminum and copper
- Heavy duty forged steel, rust resistant finish

For Use On:

#22 - 10 AWG Nylon Insulated Terminals
Types: TN, TN-F, YAE-N, YAE-N-F, YAE-Z, YAEV, YAES, YAES-E
#22 - 10 AWG Nylon Insulated Splices
Types: SN, YSE-HN*, SNM, YSES, YSE-H*
#22 - 10 AWG Bare Uninsulated Terminals
Types: T, YAD, T-F, YAD-F, YAV, YAV-T-F, YAV-H*, YAV-H-F*, YAV-Z
#22 - 10 AWG Bare Uninsulated Splices
Types: YSV, YSV-H*

*Conductor crimp only

Models:

Y10D	Plier tool for #22 - #10 AWG; Nylon & Bare

Specifications:

Size:	9.75" x 5.00" x 1.00"
Weight:	13.5 oz.
Warranty:	5 year limited warranty

Full Cycle Ratchet Tool for Ferrules, Dieless

Dieless, Front and Side Load Ferrule Tool #26 - 8 AWG Covered and Bare Ferrules

Tool: YF268CFSL

- Rotatable die head for front or side loading
- Full cycle ratchet with emergency release
- Ergonomic design with low handle force with non slip comfort grip
- Self adjusting for covered and bare ferrules
- Compact and lightweight
- Hole for safety strap

For Use On:

#26 - 8 AWG Covered and Bare Ferrules
Types: YF-UIL, YF-IDL, YF-ITL, YF-IWL, YFTW-DL
Wire End Ferrules

Models:

YF268CFSL	Front & Side Load Ferrule Crimp tool

Specifications:

Size:	7.10" x 2.70" x 0.90"
Die Style:	Dieless, Rotatable
Weight:	.65 lbs
Warranty:	5 year limited warranty

Close-up of YF268CFSL front load & side load views

Full Cycle Ratchet Tool for Ferrules, Side Load

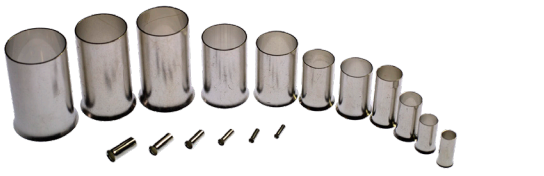
Side Load Ferrule Tool
#26 - 1/0 AWG Covered and Bare Ferrules

Tool Series: YF261CSKIT

- Kit includes ratchet crimping tool and 3 interchangeable dies: YF2610D (#26-10 AWG), YF864D (#8-4 AWG), and YF21D (#2-1/0 AWG)
- Crimps both covered and bare ferrules
- Low handle force reduces hand strain
- Ergonomic design with non-slip handles
- Light weight plastic case with handle for easy transporting
- Micro foam insert to secure tool, dies and die changing tool

For Use On:

#26 - 1/0 AWG **Covered Ferrules**
#20 - 2 AWG **Bare Ferrules**
Types: YF-UIL, YF-IDL, YF-ITL, YF-IWL, YFTW-DL
Wire End Ferrules



Close-up of YF261CSKIT side load view

Models:

YF261CSKIT	Kit, ferrule tool, dies for #26-1/0 AWG

Specifications (Kit):

Size:	10.00" x 2.70" x 0.90"
Die Style:	Interchangeable dies
Weight:	1.25 lbs
Warranty:	5 year limited warranty

Hand Tool for #22 - 8 AWG Uninsulated (Bare) Connectors

Tool: Y8MRB1

- Light weight
- Each indenter has unique identifying marks for inspectability
- Fullly enclosed, protected ratchet mechanism does not allow the handles to be opened until full ratchet cycle is completed
- Inspection gauges (sold separately) available to check each groove

For Use On:

#22 - 8 AWG Uninsulated (Bare) Terminals:
Types: T, YAD, T-F, YAD-F, YAV, YAV-L, YAV-T-F, YAV-Z

#22 - 8 AWG Uninsulated (Bare) Splices:
Types: YSV, YSV-L

Accessories:

PG3951:	Inspection gauge for #18 groove
PG3961:	Inspection gauge for #14 groove
PG3971:	Inspection gauge for #10 groove
PG3981:	Inspection gauge for #8 groove

Models:

Y8MRB1	Hand-held tool, #22 - 8 AWG

Specifications:

Weight:	1.2 lbs
Size:	10.56" x 3.50" x 1.04"
Die Style:	Permanent dies
Warranty:	5 year limited warranty

Full Cycle Ratchet Hand Tool for #22 - 10 AWG Terminals/Splices

Tool Series: MR

- Ratchet mechanism does not allow handles to open until full cycle is complete
- Easy groove identification with color coded dies
- Compact, narrow nose
- Comfort grip handles
- Ratchet release lever in case of misalignment

For Use On:

MR15
#22 - 10 AWG Vinyl Insulated Terminals/Splices
Types: TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS

MR20
#22 - 10 AWG Uninsulated (Bare) Terminals/Splices
Types: T, YAD-F, T-F, YAV-H*, YAV, YAV-H-F*, YAD, YAV-T-F, YSV, YSV-H*

*Conductor crimps only
**Excludes #10 Size

Models:

MR15	Tool, #22 - 10 AWG, Vinyl
MR20	Tool, #22 - 10 AWG, Bare

Specifications:

Size:	8.88" x 6.00" x 2.50"
Weight:	1.1 lbs
Warranty:	5 year limited warranty

Accessories:

MR15DIESETD1:	MR15 interchangeable die set
MR20DIESETD1:	MR20 interchangeable die set

Fully Protected Ratchet Mechanism, Full Cycle Ratchet Tools

Fully Protected Ratchet Mechanism Full Cycle Ratchet Tools for Critical Applications

Tool Series: MR8

- Fully enclosed, protected ratchet mechanism does not allow the handles to be opened until full ratchet cycle is completed
- Designed for critical applications such as nuclear-class 1E terminations, heavy duty industrial, aircraft
- Light weight aluminum
- Easy groove identification with color-coded dies

For Use On:

#18 - 8 AN Copper Cable
#22 - 10 AWG Sol. Cable
#22 - 8 AWG Str. Cable
Types: YAV, YSV, T, T-F, YAD, YAD-F

Models:

MR89Q	Tool, #22 - 8 AWG

Specifications:

Size:	10.50" x 3.50" x 1.50"
Weight:	1.5 lbs
Die Style:	Permanent dies
Warranty:	5 year limited warranty

Ergonomic Hand Crimp Tool for #22 - 10 AWG; Nylon/Vinyl and Bare

Tool Series: MRE1022

- Ratchet mechanism does not allow handles to open until full cycle is complete
- Stop plate ensures proper location for consistent reliable connection
- Die Inspection Gauges available (sold separately)
- Easy groove identification with color coded dies
- Ratchet release lever in case of misalignment

For Use On:

MRE1022B
#22 - 10 AWG Uninsulated (Bare) Terminals/Splices
Types: T, YAD, T-F, YAD-F, YAV, YAV-H, YAV-R, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H

MRE1022NV
#22 - 10 AWG Nylon & Vinyl Insulated Terminal/Splices
Types: TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS, TN, YAES, TN-F, YAES-F, SNM*, YSES*, YAE-N, YAE-N-F, YAE-Z, YSE-HN, YSE-H, YAEV

*Excludes #10 size

Models:

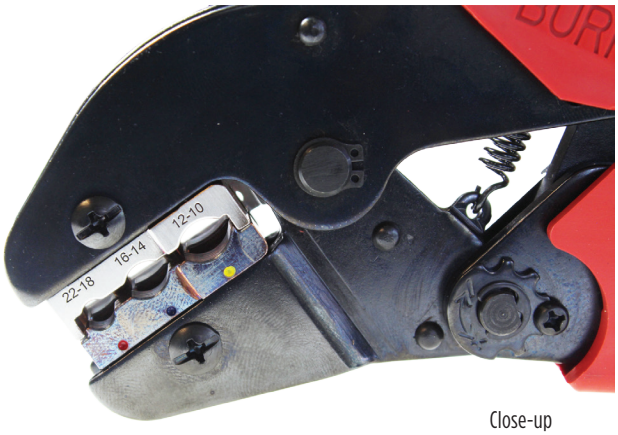
MRE1022B	Tool, #22 - 10 AWG, Bare
MRE1022NV	Tool, #22 - 10 AWG, Nylon/Vinyl

Specifications:

Weight:	1.3 lbs
Size:	10.50" x 3.00" x 1.00"
Die Style:	Permanent dies
Warranty:	5 year limited warranty

Accessories:

PG4032R:	Die Inspection Gauge for #22 - 14 AWG for MRE1022B
PG4031R:	Die Inspection Gauge for #12 - 10 AWG for MRE1022B
PG4061:	Die Inspection Gauge for #22 - 18 AWG (Red) for MRE1022NV
PG4071:	Die Inspection Gauge for #16 - 14 AWG (Blue) for MRE1022NV
PG4081:	Die Inspection Gauge for #12 - 10 AWG (Yellow) for MRE1022NV



Close-up
MRE1022NV

Rotating Die, Full Cycle Ratchet Tool

Rotating Die, Hand Tool for #8 - #1 AWG Copper HYDENT™ Terminals/Splices and #14 - 4 Thin-Wall C-Taps

Tool Series: Y1MRTC

- Die index embossment
- Rotating die with color coding to match connectors
- Ratchet mechanism with release in case of misalignment

For Use On:

See charts for details

#8 - 1 AWG Uninsulated (Bare) Terminals and Splices
Types: YA, YAV, YS, YSV
#14 - 4 AWG Thin Wall C-Taps
YC10L12, YC8L12, YC6L12, YC4L12

Copper Terminals & Splices				
Copper Wire Size	Connector Catalog Types	Die Index # (Color)	# Crimps per Barrel Length	
			Std	Long
#8 AWG Code & Flex	YA8C- YS8C- YAV8C- YSV8C-	49 (Red)	1	2
#6 AWG Code	YA6C- YS6C-	7 (Blue)	1	2
#6 AWG Code & Flex	YAV6C- YSV6C-			
#4 AWG Code	YA4C- YS4C-	8 (Grey)	2	4
#4 AWG Code & Flex	YAV4C- YSV4C-			
#3 AWG #2 Sol.	YA3C- YS3C-	9 (White)	2	4
#2 AWG Code	YA2C- YS2C-	10 (Brown)**	2	4
# 2 AWG Code & Flex	YAV2C- YSV2C-			
#1 AWG Code	YA1C- YS1C-	11 (Green)**	2	4

**Die Index 10/Brown and 11/Green use the same die wheel crimp groove.

Models:

Y1MRTC	Standard tool only
Y1MRKIT	Y1MRTC tool, sturdy metal carrying case and select terminals/splices
Y1MRTCKIT	Y1MRTC tool, sturdy metal carrying case, selected terminals and YC4L12 Thin-Wall C-Tap

Specifications:

Catalog Number:	**Y1MRTC**
Size:	9.88" x .75" x 2.75"
Weight:	1.7 lbs
Die Style	Rotating die wheel
Warranty:	5 year limited warranty

Copper C-Tap Connectors				
Catalog Number	Wire Size Cu Str. AWG		Die Index # (Color)	# of Crimps
	Run	Tap		
YC10L12	14 12 10	16-14 16-14 16	49 (Red)	1
YC8L12	10 8	10 12	7 (Blue)	1
YC6L12	8 6	10-8 12-10	8 (Grey)	1
YC4L12	6 5, 4	8-6 12-8	10 (Brown)	2

Ergonomic Full Cycle Ratchet Tool

Ergonomic Hand Tool for #12 - 2 AWG; Stranded, Solid, Flex

Tool: Y122CMR

- Overmolded comfort grip handles
- Easy groove identification with color coded dies
- UL Listed/CSA Certified connections when used with recommended BURNDY terminals/ splices
- Die index embossment for all 6 wire ranges
- Emergency release mechanism in case of misalignment or mistaken die choice
- Two different kits are also available with a selection of connectors in a sturdy metal carrying case (**Y122CMRKIT** and **Y122CMRCIKIT**)

Accommodates Copper Terminals and Splices				
Copper Wire Size	Connector Catalog Types	Die Index # (Color Code)	Number of Crimps	
			Standard Barrel	Long Barrel
#10 - #12 AWG Sol. & Str.	**T10-, YAD10-, YAV10, YAZ10, YAZV10-**	– – (Yellow)	1	N/A
#8 AWG Code & Flex	**YA8C-, YAV8C-, YAZ8C-, YAZV8C-, YS8C, YSV8C-**	49 (Red)	1	2
#6 AWG Code	**YA6C-, YAZ6C, YS6C-**	7 (Blue)	1	2
#6 AWG Code & Flex	**YAV6C-, YAZV6C-, YSV6C-**			
#4 AWG Code	**YA4C-, YAZ4C-, YS4C-**	8 (Gray)	2	4
#4 AWG Code & Flex	**YAV4C-, YAZV4C-, YSV4C-**			
#3 AWG Code & #2 AWG Sol	**YA3C-, YS3C**	9 (White)	2	4
#2 AWG Code	**YA2C-, YAZ2C-, YS2C-**	10 (Brown)	2	4
#2 AWG Code & Flex	**YAV2C-, YAZV2C-, YSV2C-**			

Gage Catalog Number	AWG Size	Die Index	Color Code
PG4091	#10 - #12	– –	Yellow
PG4092	#8	49	Red
PG4093	#6	7	Blue
PG4094	#4	8	Gray
PG4095	#3	9	White
PG4096	#2	10	Brown

Models:

Y122CMR	Tool, #12 - 2 AWG
Y122CMRKIT	Tool, select LONG barrel connectors, case
Y122CMRCIKIT	Tool, select STANDARD barrel connectors, case

Copper C-Tap Connectors				
Catalog Number	Wire Size Cu Str. AWG		Die Index # (Color)	# of Crimps
	Run	Tap		
YC10L12	14 12 10	16-14 16-14 16	49 (Red)	1
YC8L12	10 8	10 12	7 (Blue)	1
YC6L12	8 6	10-8 12-10	8 (Grey)	1
YC4L12	6 5, 4	8-6 12-8	10 (Brown)	2

Specifications:

Catalog Number:	**Y122CMR**
Size:	10.38" x 3.00" x 1.00"
Weight:	1.3 lbs
Die Style:	Rotating die wheel
Warranty:	5 year limited warranty

Accessories:

Die Inspection Gages are available and sold separately. See table to the left for information.

Y122CMR Tool Kit with select connectors

Y122CMR Tool, Case and select connectors for #12 - 2 AWG Stranded, Solid, and Flex

Tool Series: Y122CMR Kits

- Overmolded comfort grip handles
- Easy groove identification with color coded dies
- UL Listed/CSA Certified connections when used with recommended BURNDY terminals/ splices
- Die index embossment for all 6 wire ranges
- Two kits available that include popular connectors in a sturdy metal carrying case
- **Y122CMRKIT** offers select LONG barrel connectors
- **Y122CMRCIKIT** offers select STANDARD barrel connectors

Y122CMRKIT shown

Y122CMRKIT Contents: (all connectors are LONG Barrel)		
Catalog Number	**Description**	**Qty**
Y122CMR	HYTOOL™ Full Cycle Ratchet Tool	1
Y1MRKITCASE	Metal Case for Tool and Connectors	1
YAV102TC14	#10 Sol & Str, 1/4" Stud, 2 Holes	15
YAZV10TC14	#10 Sol & Str, 1/4" Stud, 1 Hole	15
YAZV102TC14	#10 AWG, 1/4" Stud, 2 Holes	15
YAZ8CTC14	#8 AWG, 1/4" Stud, 1 Hole	15
YAZ8C2TC38	#8 AWG, 3/8" Stud, 2 Holes	15
YAZ6CTC14	#6 AWG, 1/4" Stud, 1 Hole	15
YAZ6C2TC38SL	#6 AWG, 3/8" Stud, 2 Slotted Holes	15
YAZ6C2TC14	#6 AWG, 1/4" Stud, 2 Holes	15
YAZV6C2TC14FX	#6 Code & Flex, 1/4" Stud, 2 Holes	15
YAZ6C2TC38	#6 AWG, 3/8" Stud, 2 Holes	15
YAZ4C2TC38	#4 AWG, 3/8" Stud, 2 Holes	15
YAZ3C2TC14	#3 AWG, 1/4" Stud, 2 Holes	15
YAZ3C2TC38SL	#3 AWG, 3/8" Stud, 2 Slotted Holes	15
YAZ2C2TC38	#2 AWG, 3/8" Stud, 2 Holes	15
YAZ2C2TC38SL	#2 AWG, 3/8 Stud, 2 Slotted Holes	15
YAZV2C2TC14FX	#2 Code & Flex, 1/4" Stud, 2 Holes	15
Y122CMRSOMI	Safety Operating & Maintenance Instructions	1

Specifications:

Size:	18.00" x 7.50" x 2.00"
Weight:	13.7 lbs
Die Style	Rotating die wheel
Warranty:	5 year limited warranty

Y122CMRCIKIT Contents: (all connectors are STANDARD Barrel)		
Catalog Number	**Description**	**Qty**
Y122CMR	HYTOOL™ Full Cycle Ratchet Tool	1
Y1MRKITCASE	Metal Case for Tool and Connectors	1
YAV10T3	#10 Sol & Str, 1/4" Stud, 1 Hole	15
YA8CL	#8 AWG, #10 Stud, 1 Hole	15
YA8CL1	#8 AWG, 1/4" Stud, 1 Hole	15
YA6CL	#6 AWG, 1/4" Stud, 1 Hole	15
YAV6CLTC14FX	#6 AWG & Flex, 1/4" Stud, 1 Hole	15
YA4CL	#4 AWG, 1/4" Stud, 1 Hole	15
YAV4CLTC516FX	#4 AWG & Flex, 5/16" Stud, 1 Hole	15
YA2CL	#2 AWG, 5/16" Stud, 1 Hole	15
YAV2CLTC516FX	#2 AWG & Flex, 5/16" Stud, 1 Hole	15
YSV10	#10 Sol & Str Splice	15
YS8CL	#8 AWG Splice	15
YS6CL	#6 AWG Splice	15
YS4CL	#4 AWG Splice	15
YS2CL	#2 AWG Splice	15
Y122CMRSOMI	Safety Operating & Maintenance Instructions	1

Accessories:

Die Inspection Gages are available and sold separately.
See **Y122CMR** catalog page for details.

Full Cycle Ratchet Hand Tool for #26 - 8 AWG Terminals/Splices

Tool: M8ND

- Ratchet mechanism does not allow handles to open until full cycle is complete
- Fully protected ratchet mechanism
- Uses standard BURNDY N style dies (sold separately)
- Easy groove identification with color coded dies

For Use On:

#26 - 8 AWG Terminals
Terminal Types: YAD, BA-E, YAD-F, BA-EF, YAE, BA-ES, YAE-F, BA-EZ, YAE-Z, BA-EL, YAES, YAEV-H, YAEV-L, YAV, YAV-F, YAV-H, YAV-H-F

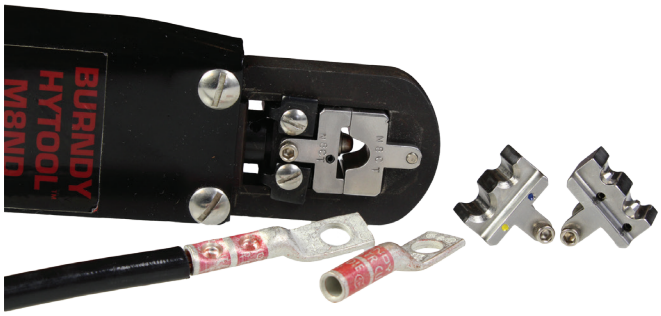
#26 - 8 AWG Splices
Splice Types: YSV, YSM, YSV-H, YRV-L

Models:

M8ND	Tool, #26 - 8 AWG

Specifications:

Weight:	1.8 lbs
Size:	10.88" x 2.00" x .88"
Die Style:	N dies
Cycles:	10,000
Warranty:	5 year limited warranty



M8ND shown with N8CT die set installed. (Dies sold separately.)

Mechanical Rotating Crimp Tool

Mechanical Rotating Crimp Tool for #8 - 4/0 AWG Uninsulated (Bare) Terminals/Splices

Tool Series: MRC840

- Heat treated steel jaws
- Spring loaded mechanism locks die wheel into position
- Multiple crimp selection with rotatable die wheels
- Die index embossment for inspectability

For Use On:

MRC840
#8 - 4/0 AWG Copper Terminals/Splices
Types: YA, YA-L, YS, YS-L

MRC840AL
#8 - 4/0 AWG Aluminum Terminals/Splices
Types: YA-A, YS-A

Models:

MRC840	Tool, #8 - 4/0 AWG Copper
MRC840AL	Tool, #8 - 4/0 AWG Aluminum

Specifications:

Size:	26.00" x 8.00" x 1.50"
Weight:	8.3 lbs
Die Style:	Rotating die wheel
Warranty:	5 year limited warranty

Mechanical Compression Tool, Dieless
#8 Str. - 250 kcmil Copper;
#8 Str. - 4/0 Str. Aluminum

Tool Series: MY28 / MY29

- Easy to adjust nest die with knurled steel knob and machine threads
- Rugged tool design with heavy duty forged steel with reinforced back and handles
- Bench mount adapter (sold separately) available

For Use On:

MY293, MY293C (covered handles),
MY293CF (fully covered)
#8 Str. - 250 kcmil Copper commercial (code) cable
30 Navy - 250 Navy Copper Navy cable
#8 Str. - 4/0 Str. Aluminum commercial (code) cable
Types (Copper): YA, YA-L, YS-L
Types (Aluminum): YA-A, YS-A

MY2911, MY2911C (covered handles),
#8 Str. - 250 kcmil Copper commercial (code) cable
30 Navy - 250 Navy Copper Navy cable
#8 Str. - 4/0 Str. Flexible copper mine machine cable
Types (Copper): YA, YA-L, YS, YAV-FX, YS-L, YAV-L, YSV-L

MY28
#8 Str. - 4/0 Str. Copper aircraft cable
Types (Copper): YAV-L, YSV-L

MY284
#8 Str. - 4/0 Str. Aluminum aircraft cable
Types (Aluminum): YAV-A-L, YSV-A-L, YAV-A-R

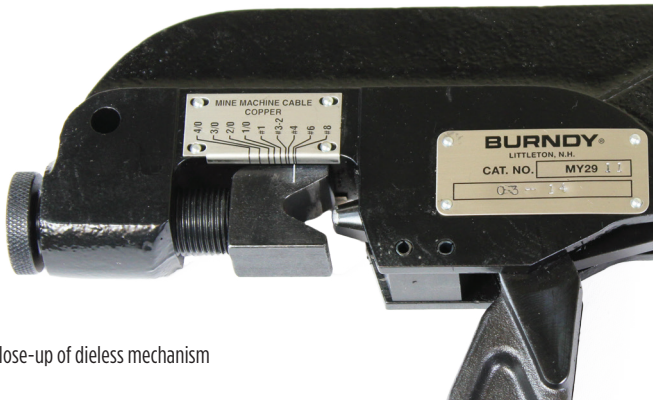
MY286
#8 Str. - 2/0 Str. Copper aircraft cable (flexible)
Types (Copper): Nylon Insulated: YAE-L, YAEV-RS, YAEV-H, YAEV-RH

Models:

(See For Use On)

Specifications:

Weight:	8.0 lbs
Size:	22.65" x 4.88" x 1.12"
Die Style:	Dieless
Cycles:	10,000
Warranty:	5 year limited warranty



Close-up of dieless mechanism

Full Cycle Ratchet Tool, Dieless, Service Entrance Splices

Dieless Hand Tool, Installs #10 - 1/0 Str. Service Entrance Splice Connectors

Tool: OH25

- Ratchet mechanism does not allow handles to open until full cycle is complete
- Easy, one-hand operation incrementally closes jaws with each handle stroke
- Spring-loaded comfort grip handles
- Forged steel jaws and stainless steel indenter

For Use On:

Conductor Range: #10 - 1/0 Str.

5/8" Service Entrance Sleeves:
INSULINK™ Type ES (insulated) #10 - 1/0 Str.
LINKIT™ Type YSU (bare) #8 - 1/0 Str.

5/8" Neutral Tension Sleeves
HYSPLICE™ Types:
YS-S, YCS-R, YDS-AT #4 - 1/0 Str.

HYPLUG™ AYP Type #6 - 1/0 Str.

Models:

OH25	Tool, #10 - 1/0 Str

Specifications:

Handle Force:	50 lbs max.
Force Developed:	6,000 lbs max.
Size:	12.25" x 3.75" x 1.50"
Weight:	2 lbs. 11 oz.
Die Style:	Dieless
Warranty:	5 year limited warranty

Accessories:

PT8504:	Go/No-Go Gauge; used to check crimp dimensions

HYTOOL™ Hand-Operated Crimper

HYTOOL™ Hand Crimper for #14 AWG - 500 kcmil

Tool Series: MD6

- Uses W & X style dies
- Spring loaded positive lock die retainer buttons
- Multiple variations available

For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

Taps:
Copper: #10 sol. to 2/0 str.
Aluminum & ACSR: #14 sol. to 4/0 ACSR
Stirrups:
#6 to 4/0 ACSR
Overhead Full Tension Deadends, Full Tension Splices and Terminals:
#10 str. to 4/0 ACSR
Terminals & Splices*:
#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)
#8 to 350 kcmil Copper Flex
#8 to 350 kcmil Aluminum (YA-A, YS-A)

*** NOTE:** Sizes 250-500 kcmil are not recommended with MD6 & MD7 Series due to high handle force. Suggest PATMD-LW Series.

Specifications:

Crimp Force:	4.5 Tons
Life Cycle:	Tested over 90,000 cycles with no adjustments or part replacement
Length:	25.50" x 4.50" x 2.00"
Weight:	6.0 lbs
Die Style:	W and X dies
Warranty:	5 year limited warranty

Models:

MD6	Permanent BG (5/8) and D3 grooves; with W0 die (sold separately) can install the CABLELOK CRIMPIT™ and HYCRIMP™ tap connectors
MD68	Permanent 0 and D3 grooves; with WBG die (sold separately) can install the CABLELOK CRIMPIT™ and HYCRIMP™ tap connectors
MD66	Snub-nose, permanent D3 groove only
MD637	Permanent 161, 162, 163, 171 dies in jaw (J, M & P, T & X)
MD638	Permanent K, BG, C dies in jaw
MD64	Permanent BG (5/8) and D3 grooves; straight fiberglass handles 24" long; fiberglass rated 100kV per foot for 5 min.
MD614	Permanent BG (5/8) and D3 grooves; straight fiberglass handles 19" long with grips; fiberglass rated 100kV per foot for 5 min.
MD612	Permanent 0 and D3 grooves; straight fiberglass handles 24" long; fiberglass

Accessories:

WBG:	Common die set for MD68, MD612
W0:	Common die set for MD6, MD64, MD614
WDIETREE:	W die holder for 6 die sets

HYTOOL™ Hand-Operated Crimper

HYTOOL™ Hand Crimper for #14 AWG - 500 kcmil

Tool Series: MD7

- Uses W & X style dies
- Ergonomic, one-piece composite polymer handles
- Nickel plated jaws and jaw links

For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

Taps:
Copper: #10 sol. to 2/0 str.
Aluminum & ACSR: #14 sol. to 4/0 ACSR
Stirrups:
#6 to 4/0 ACSR
Overhead Full Tension Deadends, Full Tension Splices and Terminals:
#10 str. to 4/0 ACSR
Terminals & Splices*:
#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)
#8 to 350 kcmil Copper Flex
#8 to 350 kcmil Aluminum (YA-A, YS-A)

* **NOTE:** Sizes 250-500 kcmil are not recommended with MD6 & MD7 Series due to high handle force. Suggest PATMD-LW Series.

Specifications:

Output Force:	4.5 Tons
Size:	25.00" x 4.50" x 2.00"
Weight:	7.0 lbs.
Die Style:	W and X dies
Life Cycle:	Tested over 90,000 cycles with no adjustments or part replacement
Warranty:	5 year limited warranty

Models:

MD7	Permanent BG (5/8) and D3 grooves; with WO die (sold separately) can install the CABLELOK CRIMPIT™ and HYCRIMP™ tap connectors
MD78	Permanent O and D3 grooves; with WBG die (sold separately) can install the CABLELOK CRIMPIT™ and HYCRIMP™ tap connectors
MD76	Snub-nose, permanent D3 groove only

Accessories:

WBG:	Common die set for MD78
WO:	Common die set for MD7, MD76
WDIETREE:	W die holder for 6 die sets

OEM Pneumatic Press for #8 - 4/0 AWG

Tool Series: OEM840NCP

- Customizable clear safety guard for left, right, or front feed cable entry
- Guarded foot switch
- Adjustable connector locator
- Cycle counter
- Accommodates UM, U and W dies

For Use On:

#8 - 4/0 AWG Copper Terminals
Type: YA, YA-L, YAD-M, YAV, YAV-L

Models:

OEM840NCP OEM Pneumatic Press (press only*)

*Requires U / UM or W Die Holder Assembly for use. Sold separately, see below.

Connector and Die Selection Matrix

Wire Size	YAD-M Connectors		YA and YA-L Connectors		YAV and YAV-L Connectors	
	UM Dies (DLO Copper)		U Dies (Code)	W Dies (Code)	U Dies (Code)	W Dies (Code)
	Indenter	Nest	Copper	Copper	Copper	Copper
#8 AWG	UMA	UM8CN	U8CRT	W8CRT	U8CRT	W8CRT
#6 AWG	UMB	UM6CN	U5CRT	W5CRT	U5CRT	W5CRT
#4 AWG	UMB	UM4CN	U4CRT	W4CRT	U4CRT	W4CRT
#2 AWG	UMB	UM2CN	U2CRT	W2CRT	U2CRT	W2CRT
1/0 AWG	UMC	UM25N	U25RT	W25RT	U25RT	W25RT
2/0 AWG	UMC	UM26N	U26RT	W26RT	U26RT	W26RT
3/0 AWG	UMC	UM27N	U27RT	W27RT	U27RT	W27RT
4/0 AWG	UMC	UM28N	U28RT	W28RT	U28RT	W28RT

UM Nest/Indenter

UM Crimped Terminal

Specifications:

Weight:	61.0 lbs
Size:	22.75" x 12.38" x 10.25" (18.56" L with air gauge)
Die Style:	UM, U, and W dies
Crimp Speed:	3 seconds (approximately)
Life Cycles:	2.5 M cycles (min)
Air Pressure:	90-100 PSI
Connector Port:	3/8" NPT female thread
Warranty:	2 year limited warranty

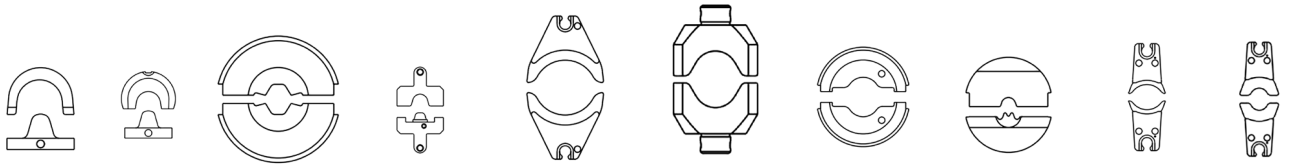
Accessories:

PT50024685: U / UM Die Holder Assembly (sold separately)
PT50024683: W Die Holder Assembly (sold separately)
PT50024605: Front Safety Guard

See Connector and Die Selection Matrix above.
All dies, nest and indenters are sold separately.

Die Profiles

DIE PROFILES



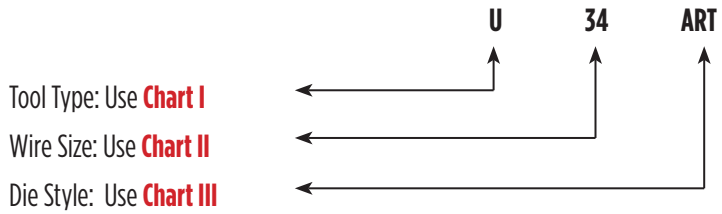


CHART I - Tool Type

B = Y34BH

D = Y29BH

L = 60 Series

N = M8ND

P = 46 Series

S = Y45

U = 35 and 750 Series, 46 Series w/PUADP1 U-die Adapter

UM = OEM840NCP, 750 Series, 46 Series w/PUADP1 U-die Adapter

W = MD and PATMD Series, PAT500SJ, PAT600

X = MD6 and MD7 Series

CHART II - Wire Size

12 = #12 AWG
10 = #10 AWG
8C = #8 AWG
6C = #6 AWG
5C = #5 AWG
4C = #4 AWG
3C = #3 AWG
2C = #2 AWG
1C = #1 AWG
25 = 1/0
26 = 2/0
27 = 3/0
28 = 4/0
29 = 250 kcmil
30 = 300 kcmil
31 = 350 kcmil
32 = 400 kcmil
34 = 500 kcmil
36 = 600 kcmil
39 = 750 kcmil
44 = 1000 kcmil

Or INDEX NUMBER: Example U312 = **312** Die Index

CHART III - Die Style

A = Aluminum
R = Round (circumferential)
T = Twin Die (both halves)

60 Ton Dies HPS/Fargo-Equivalent; CD Index, Circumferential Profile

60 Ton Dies HPS/Fargo-equivalent Dies; CD Index, Circumferential

BURNDY Die Catalog Number	Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
			UNI-GRIP® Splice	UNI-GRIP® Deadend
07CD60	Peony	300.0 AAC	C150707	C010707
	Tulip	336.4 AAC	C150707	C010707
	Daffodil	350.0 AAC	C150707	C010707
	no name (0.595-0.680 dia.)	281.4-312.8 AAAC	AB150707	AB010707
	Owl	266.8 ACSR 6/7 Str.	A150709	A010709
	Partridge	266.8 ACSR 26/7 Str.	A150710	A010710
08CD60	Canna	397.5 AAC	C150808	C010808
	Four-O'Clock	400.0 AAC	C150808	C010808
	no name (0.681-0.765 dia.)	394.5-419.6 AAAC	AB150808	AB010808
	Ostrich	300.0 ACSR 26/7 Str.	A150811	A010811
	Merlin	336.4 ACSR 18/1 Str.	A150812	A010812
	Linnet	336.4 ACSR 26/7 Str.	A150813	A010813
	Chickadee	397.5 ACSR 18/1 Str.	A150815	A010815
09CD60	Goldentuft	450.0 AAC	C150909	C010909
	Yarrow	450.0 AAC	C150909	C010909
	Cosmos	477.0 AAC	C150909	C010909
	Syringa	477.0 AAC	C150909	C010909
	Zinnia	500.0 AAC	C150909	C010909
	Hyacinth	500.0 AAC	C150909	C010909
	Ganzania	550.0 AAC	C150909	C010909
	no name (0.772-0.855 dia.)	465.4-503.6 AAAC	AB150909	AB010909
	Oriole	336.4 ACSR 30/7 Str.	A150914	A010914
	Brant	397.5 ACSR 24/7 Str.	A150916	A010916
	Ibis	397.5 ACSR 26/7	A150917	A010917
	Pelican	477.0 ACSR 18/1 Str.	A150919	A010919
	Flicker	477.0 ACSR 24/7 Str.	A150920	A010920
10CD60	Dahlia	556.5 AAC	C151010	C011010
	Mistletoe	556.5 AAC	C151010	C011010
	Meadowsweet	600.0 AAC	C151010	C011010
	Orchid	636.0 AAC	C151010	C011010
	Heuchera	650.0 AAC	C151010	C011010
	no name (0.856-0.950 dia.)	545.0-657.3 AAAC	AB151010	AB011010
	Hawk	477.0 ACSR 26/7 Str.	A1510211	A0110211

60 Ton Dies, HPS/Fargo-Equivalent; CD Index, Circumferential Profile

60 Ton Dies HPS/Fargo-equivalent Dies; CD Index, Circumferential (Continued)

BURNDY Die Catalog Number	Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
			UNI-GRIP® Splice	UNI-GRIP® Deadend
10CD60 (Continued)	Osprey	556.5 ACSR 18/1 Str.	A151023	A011023
	Parakeet	556.5 ACSR 24/7 Str.	A151024	A011024
	Dove	556.5 ACSR 26/7 Str.	A151025	A011025
	Swift	636.0 ACSR 36/1 Str.	A151030	A010030
	Kingbird	636.0 ACSR 18/1 Str.	A151031	A010031
11CD60	Verbena	700.0 AAC	C151111	C011111
	Flag	700.0 AAC	C151111	C011111
	Violet	715.5 AAC	C151111	C011111
	Nasturtium	715.5 AAC	C151111	C011111
	Petunia	750.0 AAC	C151111	C011111
	Cattail	750.0 AAC	C151111	C011111
	Arbutus	795.0 AAC	C151111	C011111
	Lilac	795.0 AAC	C151111	C011111
	Fuchsia	800.0 AAC	C151111	C011111
	Heliotrope	800.0 AAC	C151111	C011111
	no name (0.940-1.036 dia.)	739.8-740.8 AAAC	AB151111	AB011111
	Hen	477.0 ACSR 30/7 Str.	A151122	A011122
	Eagle	556.5 ACSR 30/7 Str.	A151126	A011126
	Peacock	605.0 ACSR 24/7 Str.	A151127	A011127
	Squab	605.0 ACSR 26/7 Str.	A151128	A011128
	Rook	636.0 ACSR 24/7 Str.	A151132	A011132
	Grosbeak	636.0 ACSR 26/7 Str.	A151133	A011133
	Flamingo	666.6 ACSR 24/7 Str.	A151136	A011136
	Gannett	666.6 ACSR 26/7 Str.	A151137	A011137
	Stilt	715.5 ACSR 24/7 Str.	A151138	A011138
	Coot	795.0 ACSR 36/1 Str.	A151141	A011141
12CD60	Anemone	874.5 AAC	C151212	C011212
	Crocus	874.5 AAC	C151212	C011212
	Cockscomb	900.0 AAC	C151212	C011212
	Snapdragon	900.0 AAC	C151212	C011212
	Magnolia	954.0 AAC	C151212	C011212
	Goldenrod	954.0 AAC	C151212	C011212
	no name (1.026-1.131 dia.)	833.6-932.6 AAAC	AB151212	AB011212
	Teal	605.0 ACSR 30/19 Str.	A151229	A011229
	Egret	636.0 ACSR 30/19 Str.	A151234	A011234

60 Ton Dies, HPS/Fargo-Equivalent; CD Index, Circumferential Profile

60 Ton Dies HPS/Fargo-equivalent Dies; CD Index, Circumferential (Continued)

BURNDY Die Catalog Number	Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
			UNI-GRIP® Splice	UNI-GRIP® Deadend
12CD60 (continued)	Starling	715.5 ACSR 26/7 Str.	A151239	A011239
	Tern	795.0 ACSR 45/7 Str.	A151242	A011242
	Cuckoo	795.0 ACSR 24/7 Str.	A151243	A0112431
	Condor	795.0 ACSR 54/7 Str.	A1512441	A0112441
	Drake	795.0 ACSR 26/7 Str.	A1512451	A0112451
	Ruddy	900.0 ACSR 45/7	A151247	A011247
	Catbird	954.0 ACSR 36/1 Str.	A151249	A011249
13CD60	Hawkweed	1000.0 AAC 37 Str.	C151313	C011313
	Camelia	1000.0 AAC 61 Str.	C151313	C011313
	Bluebell	1033.5 AAC 37 Str.	C151313	C011313
	Larkspur	1033.5 AAC 61 Str.	C151313	C011313
	Marigold	1113.0 AAC 61 Str.	C151313	C011313
	no name (1.140-1.235 dia.)	1000.0-1127.0 AAAC	AB151313	AB011313
	Mallard	795.0 ACSR 30/19 Str.	A151346	A011346
	Canary	900.0 ACSR 54/7 Str.	A151348	A011348
	Rail	954.0 ACSR 45/7 Str.	A151350	A011350
	Cardinal	954.0 ACSR 54/7 Str.	A1513511	A011351
	Ortolan	1033.5 ACSR 45/7 Str.	A151353	A011353
14CD60	Hawthorn	1192.5 AAC 61 Str.	C151414	C011414
	Narcissus	1272.0 AAC 61 Str.	C151414	C011414
	no name (1.236-1.330 dia.)	1172.0-1300.0 AAAC	AB151414	AB011414
	Curlew	1033.5 ACSR 54/7 Str.	A151454	A011454
	Bluejay	1113.0 ACSR 45/7 Str.	A151455	A011455
	Finch	1113.0 ACSR 54/19 Str.	A151456	A011456
	Bunting	1192.5 ACSR 45/7 Str.	A151457	A011457
15CD60	Columbine	1351.5 AAC 61 Str.	AC151515	AC011515
	Carnation	1431.0 AAC 61 Str.	AC151515	AC011515
	Gladiolus	1510.5 AAC 61 Str.	AC151515	AC011515
	no name (1.331-1.425 dia.)	1361.0-1500.0 AAAC	AB151315	AB011515
	Grackle	1192.5 ACSR 54/19 Str.	A151558	A011558
	Bittern	1272.0 ACSR 45/7 Str.	A1515591	A0115591
	Pheasant	1272.0 ACSR 54/19 Str.	A151560	A011560
	Dipper	1351.5 ACSR 45/7 Str.	A151561	A011561
	Martin	1351.5 ACSR 54/19 Str.	A151562	A011562

60 Ton Dies, HPS/Fargo-Equivalent; CD Index, Circumferential Profile

60 Ton Dies HPS/Fargo-equivalent Dies; CD Index, Circumferential (Continued)

BURNDY Die Catalog Number	Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
			UNI-GRIP® Splice	UNI-GRIP® Deadend
16CD60	Coreopsis	1590.0 AAC 61 Str.	C151616	C011616
	Dogwood	1590.0 AAC 91 Str.	C151616	C011616
	no name (1.426-1.520 dia.)	1534.0-1703.0 AAAC	AB151616	AB011616
	Bobolink	1431.0 ACSR 45/7 Str.	A151663	A011663
	Lapwing	1590.0 ACSR 45/7 Str.	A151667	A011667
17CD60	Jessamine	1750.0 AAC 61 Str.	C151717	C011717
	Falcon	1590.0 ACSR 54/19 Str.	A1517681	A0117681
	Chukar	1780.0 ACSR 84/19 Str.	A151769	A011769
	Seahawk	1869.0 ACSR 68/7 Str.	A151770	A011717

Top: Close up of marking on Fargo splice requiring 12CD die index.

Bottom: Fargo splice requiring 12CD die index.

60 Ton Dies HPS/Fargo-Equivalent; SH and AH Index; Hexagonal Profile

60 Ton Dies HPS/Fargo-equivalent Dies, SH Index, Hexagonal, AH Index, Hexagonal

Two Die Sets Required (sold separately)		Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
BURNDY Catalog # Aluminum Die	BURNDY Catalog # Steel Die			2-Die Splice	2-Die Deadend
75AH60	75SH60	Pigeon	3/0 ACSR 6/1 Str.	TJA7829	SEDA7829
76AH60	75SH60	Penguin	4/0 ACSR 6/1 Str.	TJA7929	SEDA7929
	74SH60	Waxwing	266.8 ACSR 18/1 Str.	TJA1102	SEDA1102
	76SH60	Partridge	266.8 ACSR 26/7 Str.	TJA1109	SEDA1109
20AH60	74SH60	Merlin	336.4 ACSR 18/1 Str.	TJA1302	SEDA1302
	74SH60	Chickadee	397.5 ACSR 18/1 Str.	TJA1502	SEDA1502
	10SH60	Ostrich	300.0 26/7 Str.	TJA1209	SEDA1209
	10SH60	Linnet	336.4 ACSR 26/7 Str.	TJA1309	SEDA1309
	10SH60	Oriole	336.4 ACSR 30/7 Str.	TJA1313	SEDA1313
	10SH60	Brant	397.5 ACSR 24/7 Str.	TJA1508	SEDA1508
	10SH60	Ibis	397.5 ACSR 26/7 Str.	TJA1509	SEDA1509
	12SH60	Lark	397.5 ACSR 30/7 Str.	TJA1513	SEDA1513
24AH60	75SH60	Pelican	477.0 ACSR 18/1 Str.	TJA1802	SEDA1802
	75SH60	Osprey	556.5 ACSR 18/1 Str.	TJA2202	SEDA2202
	10SH60	Flicker	477.0 ACSR 24/7 Str.	TJA1808	SEDA1808
	10SH60	Parakeet	556.5 ACSR 24/7 Str.	TJA2208	SEDA2208
	12SH60	Hawk	477.0 ACSR 26/7 Str.	TJA1809	SEDA1809
	12SH60	Hen	477.0 ACSR 30/7 Str.	TJA1813	SEDA1813
	12SH60	Dove	556.5 ACSR 26/7 Str.	TJA2209	SEDA2209
27AH60	12SH60	Peacock	605.0 ACSR 24/7 Str.	TJA2408	SEDA2408
	12SH60	Squab	605.0 ACSR 26/2 Str.	TJA2409	SEDA2409
	12SH60	Rook	636.0 ACSR 24/7 Str.	TJA2508	SEDA2508
	12SH60	Grosbeak	636.0 ACSR 26/7 Str.	TJA2509	SEDA2509
	12SH60	Flamingo	666.6 ACSR 24/7 Str.	TJA2808	SEDA2808
	12SH60	Gannet	666.6 ACSR 26/7 Str.	TJA2809	SEDA2809
	14SH60	Eagle	556.5 ACSR 30/7 Str.	TJA2213	SEDA2213
	14SH60	Wood Duck	605.0 ACSR 30/7 Str.	TJA2413	SEDA2413
	14SH60	Teal	605.0 ACSR 30/19 Str.	TJA2417	SEDA2417
	14SH60	Scoter	636.0 ACSR 30/7 Str.	TJA2513	SEDA2513
	14SH60	Egret	636.0 ACSR 30/19 Str.	TJA2517	SEDA2517
30AH60	10SH60	Tern	795.0 ACSR 45/7 Str.	TJA3318	SEDA3318
	10SH60	Ruddy	900.0 ACSR 45/7 Str.	TJA3818	SEDA3818
	10SH60	Rail	954.0 ACSR 45/7 Str.	TJA4118	SEDA4118
	12SH60	Stilt	715.5 ACSR 24/7 Str.	TJA3008	SEDA3008
	12SH60	Cuckoo	795.0 ACSR 24/7 Str.	TJA3308	SEDA3308

60 Ton Dies HPS/Fargo-Equivalent; SH and AH Index; Hexagonal Profile

60 Ton Dies, HPS/Fargo-equivalent Dies, SH Index, Hexagonal, AH Index, Hexagonal (Continued)

Two Die Sets Required (sold separately)		Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
BURNDY Catalog # Aluminum Die	BURNDY Catalog # Steel Die			2-Die Splice	2-Die Deadend
30AH60 (Continued)	12SH60	Condor	795.0 ACSR 54/7 Str.	TJA3321	SEDA3321
	12SH60	Crane	874.5 ACSR 54/7 Str.	TJA3721	SEDA3721
	14SH60	Starling	715.5 ACSR 26/7 Str.	TJA3009	SEDA3009
	14SH60	Drake	795.0 ACSR 26/7 Str.	TJA3309	SEDA3309
	14SH60	Canary	900.0 ACSR 54/7 Str.	TJA3821	SEDA3821
	14SH60	Towhee	954.0 ACSR 48/7 Str.	TJA4119	SEDA4119
	14SH60	Cardinal	954.0 ACSR 54/7 Str.	TJA4121	SEDA4121
	16SH60	Redwing	715.5 ACSR 30/19 Str.	TJA3017	SEDA3017
	16SH60	Mallard	795.0 ACSR 30/19 Str.	TJA3317	SEDA3317
34AH60	10SH60	Ortolan	1033.5 ACSR 45/7 Str.	TJA4418	SEDA4418
	12SH60	Bluejay	1113.0 ACSR 45/7 Str.	TJA4718	SEDA4718
	12SH60	Bunting	1192.5 ACSR 45/7 Str.	TJA4918	SEDA4918
	14SH60	Curlew	1033.5 ACSR 54/7 Str.	TJA4421	SEDA4421
	14SH60	Finch	1113.0 ACSR 54/19 Str.	TJA4724	SEDA4724
36AH60	12SH60	Bittern	1272.0 ACSR 45/7 Str.	TJA5118	SEDA5118
	12SH60	Dipper	1351.5 ACSR 45/7 Str.	TJA5218	SEDA5218
	12SH60	Bobolink	1431.0 ACSR 45/7 Str.	TJA5418	SEDA5418
	14SH60	Grackle	1192.5 ACSR 54/19 Str.	TJA4924	SEDA4924
	16SH60	Pheasant	1272.0 ACSR 54/19 Str.	TJA5124	SEDA5124
38AH60	16SH60	Martin	1351.5 54/19 Str.	TJA5224	SEDA5224
	16SH60	Plover	1431.0 54/19 Str.	TJA5424	SEDA5424
	12SH60	Nuthatch	1510.5 45/7 Str.	TJA5618	SEDA5618
40AH60	16SH60	Parrot	1510.5 54/19 Str.	TJA5624	SEDA5624
	12SH60	Lapwing	1590.0 45/7 Str.	TJA5718	SEDA5718

Above: Close up of marking on Fargo splice requiring 14SH die index.

Left: Fargo splice requiring 30AH die index.

12 Ton U Dies* For 35 and 750 Tool Series; 46 Series with PUADP1 Adapter

U28RT Die Set

* Non-tension U-type 12 ton dies for YA, YS, YA-A, YS-A style connectors.

** Wide dies are intended for use on long barrel terminals and splices (YA/YS) only.

Die Sets sold separately; U Die Kits also available; see following page.

Note: N/A = not applicable

Wire Size	Copper	Copper Wide Die**	Aluminum
#8 AWG	**U8CRT**	**U8CRTW**	**U8CABT**
#6 AWG	**U5CRT**	**U5CRTW**	**U6CABT**
#4 AWG	**U4CRT**	**U4CRTW**	**U4CABT**
#3 AWG	**U3CRT**	**U3CRTW**	**N/A**
#2 AWG	**U2CRT**	**U2CRTW**	**U2CABT**
#1 AWG	**U1CRT1**	**U1CRT1W**	**U1CART**
1/0 AWG	**U25RT**	**U25RTW**	**U25ART**
2/0 AWG	**U26RT**	**U26RTW**	**U26ART**
3/0 AWG	**U27RT**	**U27RTW**	**U27ART**
4/0 AWG	**U28RT**	**U28RTW**	**U28ART**
250 kcmil	**U29RT**		**U29ART**
300 kcmil	**U30RT**		**U30ART**
350 kcmil	**U31RT**		**U31ART**
400 kcmil	**U32RT**		**U32ART**
500 kcmil	**U34RT**	**N/A**	**U34ART**
535 Flex	**U38XRT**		**N/A**
600 kcmil	**U36RT**		**U36ART**
750 kcmil	**U39RT**		**U39ART2**
777 Flex	**U44XRT**		**N/A**

U4CRTW Wide Die Set

CASEUDIES15 die box is available (sold separately) holding up to 15 "U" style (standard or wide) die sets; dies not included.

12 Ton U Die Kits

12 Ton U Die Kits For 35 and 750 Tool Series; 46 Series with PUADP1 Adapter

UDIEKITCU and **UDIEKITAL** include 15 sets of "U" dies and die case. These stainless steel color coded dies are for crimping YA, YS, YA-A, and YS-A types of connectors, ranging from #6 AWG through 750 kcmil.

Note: N/A = not applicable

UDIEKITHYGRD

Wire Size	UDIEKITCU includes	UDIEKITAL includes
#8 AWG	N/A	N/A
#6 AWG	U5CRT	U6CABT
#4 AWG	U4CRT	U4CABT
#2 AWG	U2CRT	U2CABT
#1 AWG	U1CRT1	U1CART
1/0 AWG	U25RT	U25ART
2/0 AWG	U26RT	U26ART
3/0 AWG	U27RT	U27ART
4/0 AWG	U28RT	U28ART
250 kcmil	U29RT	U29ART
300 kcmil	U30RT	U30ART
350 kcmil	U31RT	U31ART
400 kcmil	U32RT	U32ART
500 kcmil	U34RT	U34ART
600 kcmil	U36RT	U36ART
750 kcmil	U39RT	U39ART2
Die Case	CASEUDIES15	CASEUDIES15

UDIEKITHYGRD includes 8 dies sets. Seven die sets are used to install the BURNDY® HYGROUND® irreversible compression grounding connectors; the U2CABT die set is for pre-crimping 1/2", 5/8" and 3/4" ground rods for increased rotational resistance. The UDIEKITHYGRD also includes the **CASEUDIES8** die case.

UDIEKITHYGRD includes
UC, U0, U997, PU998, U1011, U1104, U1105, U2CABT (Ground rod pre-crimp die), and **CASEUDIES8** die case

UM-Style Dies For OEM840NCP up to 4/0; 35 and 750 Tool Series; 46 Series with PUADP1 Adapter

UM-style Nest and Indenter dies are specifically designed to work with the YAD lugs. The distinctive "M" crimping profile design straddles the brazed seam of the YAD-M and YAV-L series lugs to provide a consistent, long term, reliable connection. Accepts copper cable sizes from #8 AWG to 600 kcmil for DLO/Flex cable.

CNC machined from stainless steel, these dies are compatible with all BURNDY® tooling that accepts a "U" die envelope.

Sold individually or in a kit (**UMDIEKIT**) which has select dies/indenters covering #8 to 4/0 AWG in a plastic die case.

Copper Wire Size	Catalog Number (Indenter Dies)	Catalog Number (Nest Dies)	Crimps Lug Series
8 AWG DLO	**UMA**	**UM8CN**	YAD-M*, YAV-L
6 AWG DLO	**UMB**	**UM6CN**	YAD-M*, YAV-L
4 AWG DLO	**UMB**	**UM4CN**	YAD-M*, YAV-L
2 AWG DLO	**UMB**	**UM2CN**	YAD-M*, YAV-L
1/0 AWG DLO	**UMC**	**UM25N**	YAD-M*, YAV-L*
2/0 AWG DLO	**UMC**	**UM26N**	YAD-M*, YAV-L*
3/0 AWG DLO	**UMC**	**UM27N**	YAD-M*, YAV-L*
4/0 AWG DLO	**UMC**	**UM28N**	YAD-M*, YAV-L*
300 kcmil DLO	**UME**	**UM30N**	YAD-M*
350 kcmil DLO	**UME**	**UM31N**	YAD-M*
450 kcmil DLO	**UME**	**UM33N**	YAD-M*
600 kcmil DLO	**UME**	**UM36N**	YAD-M*

* Not UL Listed

Close up of "M" Profile Crimp

UMDIEKIT Contents		
Catalog Number	**Description**	**Quantity**
UMA	Indenter #8 AWG	1
UMB	Indenter #6, #4, #2 AWG	1
UMC	Indenter 1/0-4/0	1
UM8CN	Nest #8 AWG	1
UM6CN	Nest #6 AWG	1
UM4CN	Nest #4 AWG	1
UM2CN	Nest #2 AWG	1
UM25N	Nest 1/0 AWG	1
UM26N	Nest 2/0 AWG	1
UM27N	Nest 3/0 AWG	1
UM28N	Nest 4/0 AWG	1
CASEUDIES15	UM Die Kit Case	1

6 Ton W Dies

W Dies For MD/PATMD, 500, and 600 Tool Series

* Sizes 250-500 kcmil are not recommended for use with MD6 & MD7 Series tools due to high handle force, suggest PATMD-LW Series.
** For PAT600 and Y500CTHS only.
*** Use of W249 will not produce a UL Listed connection.

Note: N/A = not applicable

Suitable for use on YA, YS, YA-A, YS-A type non-tension connectors.

Die Sets sold separately; W Die Kits also available; see following page.

W25RT Die Set

Wire Size	Copper (-VT)	Copper (-RT)	Aluminum
#8 AWG	**W8CVT**	**W8CRT**	**X8CART**
#6 AWG	**W5CVT**	**W5CRT**	**W161**
#4 AWG	**W4CVT**	**W4CRT**	**W162**
#3 AWG	**N/A**	**W3CRT**	**N/A**
#2 AWG	**W2CVT**	**W2CRT**	**W239**
#1 AWG	**W1CVT**	**W1CRT1**	**W163**
1/0 AWG	**W25VT**	**W25RT**	**W241**
2/0 AWG	**W26VT**	**W26RT**	**W245**
3/0 AWG	**W27VT**	**W27RT**	**W166**
4/0 AWG	**W28VT**	**W28RT**	**W660**
250 kcmil	**W29VT***	**W29RT***	**W249*****
300 kcmil	**W30VT***	**W30RT***	**N/A**
350 kcmil	**W31VT***	**W31RT***	**W31ART***
400 kcmil	**W32VT***	**W32RT***	**N/A**
450 kcmil	**W33VT***	**W33RT***	**N/A**
500 kcmil	**W34VT***	**W34RT***	**N/A**
600 kcmil	**N/A**	**W36RT****	**N/A**

VT = "V" profile die for reduced handle force when using MD6/MD7 series tools; Twin die (includes both halves)
RT = Round die (circumferential); Twin die (includes both halves)

WDIETREE available (sold separately); holds up to 6 "W" style die sets (dies not included)

CASEWDIES die box available (sold separately); holds up to 12 "W" or "X" style die sets (dies not included)

W Die Kits For MD/PATMD, 500, and 600 Tool Series

* Sizes 250-500 kcmil are not recommended for use with MD6 & MD7 Series tools due to high handle force, suggest PATMD-LW Series.

** Use of W249 will not produce a UL Listed connection.

Note: N/A = not applicable

Suitable for use on YA, YS, YA-A, YS-A type non-tension connectors.

CASEWDIES
included with die kits;
also sold separately
(dies not included)

Wire Size	WDIEKITCU for Copper includes	WDIEKITAL for Aluminum includes
#8 AWG	**W8CRT**	**X8CART**
#6 AWG	**W5CRT**	**W161**
#4 AWG	**W4CRT**	**W162**
#2 AWG	**W2CRT**	**W239**
#1 AWG	**W1CRT1**	**W163**
1/0 AWG	**W25RT**	**W241**
2/0 AWG	**W26RT**	**W245**
3/0 AWG	**W27RT**	**W166**
4/0 AWG	**W28RT**	**W660**
250 kcmil	**W29RT***	**W249****
350 kcmil	**W31RT***	**W31ART***
500 kcmil	**W34RT***	**N/A**
Die Case	**CASEWDIES**	**CASEWDIES**

BURNDY® maintains and operates one of the largest connector laboratories in the electrical industry. BURNDY is certified to participate in the UL Client Test Data Program. This in-house testing capability ensures that each and every BURNDY® engineered tool, die and connector combination has met the criteria needed for ANSI and UL Listing.

BURNDY® TOOLS

Battery Cutter, Scissor Action

PATRIOT® Scissor Action Cutter
Copper and Aluminum up to 4.00” O.D.
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATCUT4

- Extra wide jaw opening
- Scissor action cutting jaws
- 355° head rotation
- Multi-position assist handle
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Maximum Cutting Capacity:

Copper and Aluminum: up to 4.00” O.D.

Models:

PATCUT4CUALLI	with 3.0Ah Li-Ion batteries
PATCUT4L5	with 5.0Ah Li-Ion batteries

Specifications:

Output Force:	11 Tons
Tool Weight:	19.70 lbs (without battery)
Size:	24.31” X 3.26” X 15.33”
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty (excludes blades) Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

PATCUT4CUAL
with multi-position assist handle

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard

See Important Notes page at start of Tooling Section.

Battery Cutter, Latch Head

PATRIOT® Latch Head Cutter
ACSR up to 2156 kcmil
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATCUT2156

- 180° head rotation
- Durable hardened steel blades
- Specialized latch head for mid-span cuts
- Mechanical ram release with no power consumption
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper/Aluminum Cable:	up to 2”
ACSR:	up to 2156 kcmil
Ground Rod:	up to 3/4”
Rebar:	up to 5/8”
Soft Steel Bolts:	up to 3/4”
Standard Guy:	up to 9/16”
EHS Guy:	up to 9/16”

Models:

PATCUT2156LI	with 3.0Ah Li-Ion batteries, hard case
PATCUT2156L5	with 5.0Ah Li-Ion batteries, hard case
PATCUT2156LIPB	with 3.0Ah Li-Ion batteries, pro bag
PATCUT2156L5PB	with 5.0Ah Li-Ion batteries, pro bag

Specifications:

Output Force:	10 Tons
Tool Weight:	14.10 lbs (without battery)
Size:	16.50” x 13.50” x 3.38”
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty (excluding blades) Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
CUT200BLMVBL:	Replacement Moving Blade
CUT200BLSTA:	Replacement Fixed (Stationary) Blade

See Important Notes page at start of Tooling Section.

Battery Cutter, Latch Head

PATRIOT® Latch Head Cutter Copper/Aluminum up to 1.29" O.D. Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATCUT129

- 180° head rotation
- Overmolded handle and ergonomic design
- One-handed operation for advance, retract and hold
- Latch head design for interference free closure for mid-span cuts
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper/Aluminum Cable:	up to 1.29"
ACSR:	up to 1113 kcmil
Ground Rod:	up to 5/8"
Rebar:	up to 1/2"
Soft Steel Bolts:	up to 5/8"
Standard Guy:	up to 1/2"
EHS Guy Strand:	up to 3/8"

Models:

PATCUT129LI	with 3.0Ah Li-Ion batteries, hard case
PATCUT129L5	with 5.0Ah Li-Ion batteries, hard case
PATCUT129LIPB	with 3.0Ah Li-Ion batteries, pro bag
PATCUT129L5PB	with 5.0Ah Li-Ion batteries, pro bag

Specifications:

Output Force:	7 Tons
Tool Weight:	9.85 lbs (without battery)
Size:	14.50" x 13.50" x 3.50"
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty (excluding blades) Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
PT10037388:	Replacement Moving Blade
PT10037384:	Replacement Fixed Blade

See Important Notes page at start of Tooling Section.

PATRIOT® Latch Head Cutter Copper/Aluminum up to 2.45" O.D. Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATCUT245

- 180° head rotation
- Cuts up to 2.45" diameter copper/aluminum cable
- Specialized latch style cutting head for interference-free closure for mid-span work
- Ergonomic design, overmolded handle
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper/Aluminum Cable: Up to 2.45" O.D.

For Copper and Aluminum cable only. Do not cut steel, ground rod, rebar or guy wire.

Models:

PATCUT245LI	with 3.0Ah battery, hard case
PATCUT245L5	with 5.0Ah battery, hard case
PATCUT245LIPB	with 3.0Ah battery, pro bag
PATCUT245L5PB	with 5.0Ah battery, pro bag

Specifications:

Output Force:	6 Tons
Tool Weight:	12.20 lbs (without battery)
Size:	18.13" x 13.50" x 3.50"
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty (excluding blades) Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PT208620:	Lanyard
PT10038657:	Replacement Moving Blade
PT10040663:	Replacement Fixed Blade

See Important Notes page at start of Tooling Section.

Battery Cutter, Scissor Action

PATRIOT® Scissor Action Cutter Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT500SJCUT

- Interchangeable scissor action crimping and cutting jaws
- 180° head rotation
- Uses W and X style dies with available crimping jaws
- Ergonomically balanced tool design
- Includes 2 batteries, charger, and polymer carrying case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On: Maximum Cutting Capacity:

ACSR:	556.5 kcmil (26/7 Dove)
AAC:	636 kcmil
Copper:	350 kcmil soft drawn copper

Interchangeable Jaw Assemblies:

PATMD6LWJAW	Crimp jaw with BG and D3 grooves
PATMD68LWJAW	Crimp jaw with O and D3 grooves
PATMD66LWJAW	Crimp jaw with D3 groove only
PATMDXPJLWJAW	Crimp jaw with X, P, & J grooves
****PATMD430LWJAW**	**Crimp jaw, Dieless for #4-3/0 AWG
PATMDCUTLWJAW	Cutting jaw with ACSR blades
PATMDCUTCLWJAW	Cutting jaw with CU/AL blades
PATMDCUTGLWJAW	Cutting jaw with GUY blades

****Dieless Jaw** only for use on #4-3/0 AWG BURNDY® Overhead Distribution Families: YDS-RL, YDSR-RL, YDS-RLY, YDR-RL, YDRR-RL, YCS-RL, YCA-RL and YSS-R

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
PATMD6LWJWCVR:	Jaw covers for PATMD6 and PATMD68 versions
PATMD66LWJWCVR:	Jaw covers for PATMD66 snub-nose versions
W28K:	Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
WDIETREE:	W-die holder for 6 die sets

Models:

PAT500SJCUTLI	with ACSR cutting jaw, 3.0Ah battery
PAT500SJCUTL5	with ACSR cutting jaw, 5.0Ah battery

Crimp/Cut Kits:

PAT500SJ6LICUTKIT1	Kit includes crimp head with BG & D3 grooves, cutter jaw with ACSR blades, 120V charger and 2 batteries (3.0Ah)
PAT500SJ68LICUTKIT1	Kit includes crimp head with O & D3 grooves, cutter jaw with ACSR blades, 120V charger and 2 batteries (3.0Ah)

Specifications:

Output Force:	6 Tons
Tool Weight:	10.10 lbs (without battery)
Size:	17.00" X 14.25" X 3.00"
Die Style:	W and X dies (with crimping jaws)
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

See Important Notes page at start of Tooling Section.

PATRIOT® IN-LINE® 6 Ton Crimper/Cutter Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATMDCUTLW

Shown with ACSR Cutting Jaw

Interchangeable Jaws

- Light weight, compact and ergonomic design
- Interchangeable scissor action crimping and cutting jaws
- Safety trigger lock and locking jaw tabs
- LED Worklight
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

Cutting Capacities	ACSR (26/7)	Aluminum (AAC)	Copper (soft drawn)	Guy Wire (EHS)
ACSR Blade	556.5 kcmil	636 kcmil	350 kcmil	-
CU/AL Blade	-	636 kcmil	600 kcmil	-
GUY Blade	-	-	-	3/8”

CU/AL Cutting Jaw

GUY Cutting Jaw

XPJ Grooves

**430 Dieless

BG / D3 Groove

D3 Groove Only Snub-Nose

O / D3 Grooves

Interchangeable Jaw Assemblies:

***PATMD6LWJAW**	Crimp jaw with BG and D3 grooves
***PATMD68LWJAW**	Crimp jaw with O and D3 grooves
***PATMD66LWJAW**	Crimp jaw with D3 groove only
***PATMDXPJLWJAW**	Crimp jaw with X, P & J grooves
***PATMD430LWJAW**	Crimp jaw, Dieless, #4 AWG - 3/0 AWG
PATMDCUTLWJAW	Cutting jaw with ACSR blades
PATMDCUTCLWJAW	Cutting jaw with CU/AL blades
PATMDCUTGLWJAW	Cutting jaw with GUY blades

Standard Crimp/Cut Kits are available supplied with both crimping and cutting jaws. (See separate pages in Crimpers Section.)
***See battery crimper page for complete crimp specifications.**

Models:

PATMDCUTLW	**ACSR** Cutting Jaw, 3.0Ah batteries
PATMDCUTLW5	**ACSR** Cutting Jaw, 5.0Ah batteries
PATMDCUTCLW	**CU/AL** Cutting Jaw, 3.0Ah batteries
PATMDCUTCLW5	**CU/AL** Cutting Jaw, 5.0Ah batteries
PATMD60003A1	**GUY** Cutting Jaw, 3.0Ah batteries
PATMD60005A1	**GUY** Cutting Jaw, 5.0Ah batteries

Customize a tool kit with up to 3 jaws and optional accessories. Contact Customer Service at 1-800-346-4175.

Accessories:

PATMDCUTACSRKIT:	**ACSR** Replacement blades (2 per kit)
PATMDCUTCUALKIT:	**CU/AL** Replacement blades (2 per kit)
PATMDCUTGUYKIT:	**GUY** Replacement blades (2 per kit)
BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
W28K:	Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
WDIETREE:	W-die holder for 6 die sets
CASEWDIES:	W-die case holder for 12 die sets
TOOLBAGMDLI:	Tool bag (included with tool)

Specifications:

Output Force:	6 Tons
Tool Weight:	5.50 lbs (without battery)
Length:	19.25”
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 years on batteries and charger

See Important Notes page at start of Tooling Section.

Battery Cutter, Scissor Action, ACSR Kits

PATRIOT® IN-LINE® 6 Ton Crimper/Cutter Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATMD-LW ACSR Kits

- Light weight, compact and ergonomic design
- Interchangeable scissor action crimping and cutting jaws
- Safety trigger lock and locking jaw tabs
- LED Worklight
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

Shown with ACSR Cutting Jaw

Interchangeable Jaws

BG / D3 Groove

O / D3 Groove

D3 Groove Only Snub-Nose

Crimp Capacity		
Connector Type	**Conductor Type**	**Range**
Terminals & Splices	Copper	#8 AWG - 500 kcmil
Terminals & Splices	Flex Copper	#8 AWG - 350 kcmil
Terminals & Splices	Aluminum (AAC)	#8 AWG - 350 kcmil
Full-Tension	ACSR	#10 - 4/0 AWG
Taps	Copper	#10 - 2/0 AWG
Taps	AAC or ACSR	#14 - 4/0 AWG
Stirrups	ACSR	#6 - 4/0 AWG

ACSR Blade Cutting Capacity	
Conductor Type	**Maximum Size**
ACSR (26/7)	556.5 kcmil
Aluminum (AAC)	636 kcmil
Copper	350 kcmil

Models: all listed include AC Charger

PATMD6LWWCJ	BG & D3, ACSR Cutter, 3.0Ah batteries
PATMD68LWWCJ	O & D3, ACSR Cutter, 3.0Ah batteries
PATMD66LWWCJ	D3 only, ACSR Cutter, 3.0Ah batteries
PATMD6LW5WCJ	BG & D3, ACSR Cutter, 5.0Ah batteries
PATMD68LW5WCJ	O & D3, ACSR Cutter, 5.0Ah batteries
PATMD66LW5WCJ	D3 only, ACSR Cutter, 5.0Ah batteries

Interchangeable Jaw Assemblies:

PATMD6LWJAW	Crimp jaw with BG and D3 grooves
PATMD68LWJAW	Crimp jaw with O and D3 grooves
PATMD66LWJAW	Crimp jaw with D3 groove only
PATMDCUTLWJAW	Cutting jaw with ACSR blades

Accessories:

PATMDCUTACSRKIT:	**ACSR** Replacement blades (2 per kit)
BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
W28K:	Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
WDIETREE:	W-die holder for 6 die sets
CASEWDIES:	W-die case holder for 12 die sets
TOOLBAGMDLI:	Tool bag (included with tool)

Specifications:

Output Force:	6 Tons
Tool Weight:	5.50 lbs (without battery)
Length:	
PATMD6LW	18.73”
PATMD68LW	18.73”
PATMD66LW	17.85”
PATMDCUTLW	19.25”
Die Style:	W and X dies (with crimping jaws)
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 years on batteries and charger

See Important Notes page at start of Tooling Section.

Battery Cutter, Scissor Action, CU/AL Kits

PATRIOT® IN-LINE® 6 Ton, Crimper/ Cutter Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATMD-LW CU/AL Kits

- Light weight, compact and ergonomic design
- Interchangeable scissor action crimping and cutting jaws
- Safety trigger lock and locking jaw tabs
- LED Worklight
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

Crimp Capacity		
Connector Type	**Conductor Type**	**Range**
Terminals & Splices	Copper	#8 AWG - 500 kcmil
Terminals & Splices	Flex Copper	#8 AWG - 350 kcmil
Terminals & Splices	Aluminum (AAC)	#8 AWG - 350 kcmil
Full-Tension	ACSR	#10 - 4/0 AWG
Taps	Copper	#10 - 2/0 AWG
Taps	AAC or ACSR	#14 - 4/0 AWG
Stirrups	ACSR	#6 - 4/0 AWG

CU/AL Blade Cutting Capacity	
Conductor Type	**Maximum Size**
Copper - Soft Drawn	600 kcmil
Aluminum (AAC)	636 kcmil

Shown with CU/AL Cutting Jaw

Interchangeable Jaws

BG / D3 Groove

O / D3 Groove

D3 Groove Only Snub-Nose

Models: all listed include AC Charger

PATMD6LWWCCJ	BG & D3, CU/AL Cutter, 3.0Ah batteries
PATMD68LWWCCJ	O & D3, CU/AL Cutter, 3.0Ah batteries
PATMD66LWWCCJ	D3 only, CU/AL Cutter, 3.0Ah batteries
PATMD6LW5WCCJ	BG & D3, CU/AL Cutter, 5.0Ah batteries
PATMD68LW5WCCJ	O & D3, CU/AL Cutter, 5.0Ah batteries
PATMD66LW5WCCJ	D3 only, CU/AL Cutter, 5.0Ah batteries

Interchangeable Jaw Assemblies:

PATMD6LWJAW	Crimp jaw with BG and D3 grooves
PATMD68LWJAW	Crimp jaw with O and D3 grooves
PATMD66LWJAW	Crimp jaw with D3 groove only
PATMDCUTCLWJAW	Cutting jaw with CU/AL blades

Accessories:

PATMDCUTCUALKIT:	**CU/AL** Replacement blades (2 per kit)
BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
W28K:	Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
WDIETREE:	W-die holder for 6 die sets
CASEWDIES:	W-die case holder for 12 die sets
TOOLBAGMDLI:	Tool bag (included with tool)

Specifications:

Output Force:	6 Tons
Tool Weight:	5.50 lbs (without battery)
Length:	
PATMD6LW	18.73”
PATMD68LW	18.73”
PATMD66LW	17.85”
PATMDCUTCLW	19.25”
Die Style:	W and X dies (with crimping jaws)
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 years on batteries and charger

See Important Notes page at start of Tooling Section.

Battery Cutter, Scissor Action, GUY Kits

PATRIOT® IN-LINE® 6 Ton Crimper/Cutter Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATMD-LW GUY Kits

- Light weight, compact and ergonomic design
- Interchangeable scissor action crimping and cutting jaws
- Safety trigger lock and locking jaw tabs
- LED Worklight
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

Interchangeable Jaws

Crimp Capacity		
Connector Type	**Conductor Type**	**Range**
Terminals & Splices	Copper	#8 AWG - 500 kcmil
Terminals & Splices	Flex Copper	#8 AWG - 350 kcmil
Terminals & Splices	Aluminum (AAC)	#8 AWG - 350 kcmil
Full-Tension	ACSR	#10 - 4/0 AWG
Taps	Copper	#10 - 2/0 AWG
Taps	AAC or ACSR	#14 - 4/0 AWG
Stirrups	ACSR	#6 - 4/0 AWG

GUY Blade Cutting Capacity	
Conductor Type	**Maximum Size**
Guy Wire (EHS)	3/8"

Models: all listed include AC Charger

PATMD16003A1	BG & D3, GUY Cutter, 3.0Ah batteries
PATMD36003A1	O & D3, GUY Cutter, 3.0Ah batteries
PATMD26003A1	D3 only, GUY Cutter, 3.0Ah batteries
PATMD16005A1	BG & D3, GUY Cutter, 5.0Ah batteries
PATMD36005A1	O & D3, GUY Cutter, 5.0Ah batteries
PATMD26005A1	D3 only, GUY Cutter, 5.0Ah batteries

Interchangeable Jaw Assemblies:

PATMD6LWJAW	Crimp jaw with BG and D3 grooves
PATMD68LWJAW	Crimp jaw with O and D3 grooves
PATMD66LWJAW	Crimp jaw with D3 groove only
PATMDCUTGLWJAW	Cutting jaw with GUY blades

Accessories:

PATMDCUTGUYKIT:	GUY Replacement blades (2 per kit)
BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
W28K:	Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
WDIETREE:	W-die holder for 6 die sets
CASEWDIES:	W-die case holder for 12 die sets
TOOLBAGMDLI:	Tool bag (included with tool)

Specifications:

Output Force:	6 Tons
Tool Weight:	5.50 lbs (without battery)
Length:	
PATMD6LW	18.73"
PATMD68LW	18.73"
PATMD66LW	17.85"
PATMD60003A1	19.25"
Die Style:	W and X dies (with crimping jaws)
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 3 years on batteries and charger

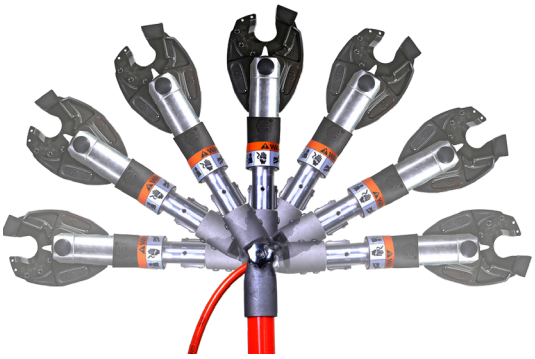
See Important Notes page at start of Tooling Section.

Battery Cutter, Long Reach, Hot Stick, Scissor Action

PATRIOT® IN-LINE® 82" Pole Cutter/ Crimper Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATMDCUT82ALLIF

- Adjustable Angular Head
- ASTM F711 Rated Pole for live line use
- Rocker trigger design for controlled actuation of the tool
- Safety lock to prevent accidental operation
- Includes 2 batteries and charger
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries



For Use On: Maximum Cutting Capacity:

ACSR (26/7):	556.5 kcmil
Aluminum (AAC):	636 kcmil
Copper (soft drawn):	350 kcmil

Interchangeable Jaw Assemblies:

PATMD6LWJAW	Crimp jaw with BG and D3 grooves
PATMD68LWJAW	Crimp jaw with 0 and D3 grooves
PATMD66LWJAW	Crimp jaw with D3 groove only
PATMDCUTLWJAW	Cutting jaw with ACSR blades
PATMDCUTCLWJAW	Cutting jaw with CU/AL blades
PATMDCUTGLWJAW	Cutting jaw with GUY blades

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
WDIETREE:	W-die holder for 6 die sets

Models:

PATMDCUT82ALLIF	Cutter jaw; 82" F711 Pole
PATMD682ALLIF	Crimp Jaws (BG & D3); 82" F711 Pole
PATMD6882ALLIF	Crimp Jaws (0 & D3); 82" F711 Pole
PATMD6682ALLIF	Crimp Jaws (D3 only); 82" F711 Pole

Kits with Tool, Crimping and Cutting Jaws, Pole:

PATMD682ALLIFWCJ	Kit includes crimp head with BG & D3 grooves, cutter jaw, 120V charger and 2 batteries
PATMD6882ALLIFWCJ	Kit includes crimp head with 0 & D3 grooves, cutter jaw, 120V charger and 2 batteries
PATMD6682ALLIFWCJ	Kit includes crimp head with D3 groove, cutter jaw, 120V charger and 2 batteries

Specifications:

Output Force:	6 Tons
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah)
Warranty:	5 year limited warranty (excludes blades and pole) Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger

See Important Notes page at start of Tooling Section.

Battery Cutter, Mechanically Driven

PATRIOT® Battery Actuated Cable Cutter for Copper & Aluminum Mechanically Driven, 18V Lithium-Ion

Tool Series: PATCUT1500

- Variable speed trigger
- Forward/Reverse switch features a locking position
- Large, strategically placed, non-skid bumper
- LED Worklight
- Large, new cutting blade design
- Includes 1 battery, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Aluminum:	up to 1500 kcmil
Copper Flex:	up to 1250 kcmil
Copper (soft drawn):	up to 1000 kcmil
Copper (hard drawn):	up to 750 kcmil

Do Not Cut Steel or ACSR

Models:

PATCUT1500LI	with 3.0Ah Li-Ion battery, hard case
PATCUT1500L5	with 5.0Ah Li-Ion battery, hard case
PATCUT1500LIPB	with 3.0Ah Li-Ion battery, pro bag
PATCUT1500L5PB	with 5.0Ah Li-Ion battery, pro bag

Specifications:

Tool Weight:	6.90 lbs (without battery)
Size:	15.5" x 6.0" x 4.38"
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes (3.0Ah) 45 minutes (5.0Ah)
Warranty:	3 year limited warranty (excluding blades) 3 years on battery and charger

Accessories:

BAT18VLI:	3.0Ah Li-Ion battery
BAT18V5AHLI:	5.0Ah Li-Ion battery
PATCHGRLI:	120V-AC charger
CASEPATCUT1500:	Polymer carrying case
PT208620:	Lanyard

Remote Operated Cutter, Scissor Action

Remote Operated, Scissor Action Cutter Cuts up to 4.00” Copper/Aluminum Cable

Tool: RHCC4CUAL

- Specialized scissor head design for interference free closure for mid-span cuts
- High strength hardened steel cutting blades
- 360° swivel hose fitting
- Stainless Steel lifting assist eyebolt
- Light weight ergonomic design

For Use On:

Copper/Aluminum Cable: up to 4.00”

Models:

RHCC4CUAL Standard remote cutter

Specifications:

Operating Pressure: 10,000 PSI
Weight: 19.9 lbs
Size: 21.29” x 9.13” x 5.15”
Warranty: 5 year limited warranty (excluding blades)

BAGCNVS5X9X24 Canvas Bag available separately (included with tool)

Accessories:

BAGCNVS5X9X24: Canvas Bag (included with tool)
RHCC4CUALBLD: Cutting Blade (one blade; 2 required)
RHCC4CUALGDEBLD: Blade Guide

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Remote Operated Cutter, Latch Head

Remote Operated, Latch Head Cutter Cuts up to 2156 kcmil ACSR Cable

Tool Series: RHCC2156ACSR

- 180° head rotation
- Durable hardened, precision steel blades
- Specialized latch head for mid-span cuts
- Durable canvas carrying bag stores tool and accessories

For Use On:

Copper/Aluminum Cable:	up to 2”
ACSR:	up to 2156 kcmil
Ground Rod:	up to 3/4”
Rebar:	up to 5/8”
Soft Steel Bolts:	up to 3/4”
Standard Guy:	up to 9/16”
EHS Guy Strand:	up to 9/16”

Models:

RHCC2156ACSR	Standard RHCC2156ACSR remote cutter
RHCC2156ACSRF	RHCC2156ACSR tool with female coupler

Specifications:

Operating Pressure:	10,000 PSI
Weight:	10 lbs
Size:	13.17” x 4.13” x 2.69”
Warranty:	5 year limited warranty (excluding blades)

PT10054094 Red Nylon Carry Bag available separately (included with tool)

Accessories:

PT10054094:	Red Nylon Carry Bag (included with tool)
CUT200BLMVBL:	Replacement Moving Blade
CUT200BLSTA:	Replacement Fixed (Stationary) Blade

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Remote Operated Cutter, Latch Head

Remote Operated, Latch Head Cutter Cuts up to 1.29” Copper/Aluminum Cable

Tool: RHCC129ACSR

- Interference free closure for mid-span cuts
- Precision cutting blades for clean cuts
- High strength steel cylinder
- Light weight, ergonomic design
- Durable canvas carrying bag stores tool and accessories

For Use On:

Copper/Aluminum Cable:	up to 1.29”
ACSR:	up to 1113 kcmil
Ground Rod:	up to 5/8”
Rebar:	up to 1/2”
Soft Steel Bolts:	up to 5/8”
Standard Guy:	up to 1/2”
EHS Guy Strand:	up to 3/8”

Models:

RHCC129ACSR	Standard remote cutter

Specifications:

Operating Pressure:	10,000 PSI
Weight:	6.2 lbs
Size:	11.41” x 3.65” x 2.33”
Warranty:	5 year limited warranty (excluding blades)

PT10054094 Red Nylon Carry Bag available separately (included with tool)

Accessories:

PT10054094:	Red Nylon Carry Bag (included with tool)
PT10037388:	Moving Blade
PT10037384:	Fixed Blade

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Remote Operated Cutter, Latch Head

Remote Operated, Latch Head Cutter Cuts up to 2.45” Copper/Aluminum Cable

Tool: RHCC245CUAL

- Interference free closure for mid-span cuts
- Precision cutting blades for clean cuts
- Light weight ergonomic design
- Durable canvas carrying bag stores tool and accessories

For Use On:

Copper/Aluminum Cable:	up to 2.45”

Models:

RHCC245CUAL	Standard remote cutter

Specifications:

Operating Pressure:	10,000 PSI
Weight:	8.4 lbs
Size:	14.80” x 4.74” x 2.45”
Warranty:	5 year limited warranty (excluding blades)

PT10054094 Red Nylon Carry Bag available separately (included with tool)

Accessories:

PT10054094:	Red Nylon Carry Bag (included with tool)
PT10038657:	Moving Blade
PT10040663:	Fixed Blade

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.

Manual Cable Cutters for Copper/Aluminum Cable

Tool Series: MCC

- Rugged, high quality steel cutting blades
- Fiberglass handles with soft grips
- Excellent cutting edge performance
- Minimum of cable distortion

For Use On:

MCC600	Copper & Aluminum up to 600 kcmil 21" overall length 1.31" max. insulation diameter 3.5 lbs
MCC1000	Copper & Aluminum up to 1000 kcmil 32" overall length 1.90" max. insulation diameter 9.0 lbs

Models:

MCC600	Manual Cutter, up to 600 kcmil
MCC1000	Manual Cutter, up to 1000 kcmil

Specifications (MCC600):

Weight:	3.5 lbs
Size:	21.00 x 5.00" x 2.00"
Max. Insulation Dia.:	1.31"
Warranty:	1 year limited warranty (excluding blades)

Accessories:

MCC600BLADESET:	Replacement blades for MCC600
MCC1000BLADESET:	Replacement blades for MCC1000

Ratchet Cable Cutters

Ratchet Cable Cutters for Copper/Aluminum Cable

Tool Series: RCC CU/AL

- Rugged, high quality steel cutting blades
- Excellent cutting edge performance
- Minimal cable distortion

RCC600E

For Use On:

RCC600E: Copper & Aluminum 600 kcmil
10.50" overall length
1.05" max. insulation diameter
1.2 lbs

RCC750HD: Copper & Aluminum 750 kcmil
10.35" overall length
1.62" max. insulation diameter
2.6 lbs

RCC1000: Copper & Aluminum 1000 kcmil
20.00" overall length
2.38" max. insulation diameter
4.5 lbs

Models:

RCC600E	Ratchet Cutter, up to 600 kcmil
RCC750HD	Ratchet Cutter, up to 750 kcmil
RCC1000	Ratchet Cutter, up to 1000 kcmil

Specifications (RCC600E):

Weight:	1.2 lbs
Length:	10.50" x 3.50" x 1.25"
Max. Insulation Dia.:	1.05"
Warranty:	1 year limited warranty (excluding blades)

Ratchet Cable Cutters for ACSR, Aluminum & Copper Cable

Tool Series: RCC ACSR/AL/CU

- Quick release, bi-directional ratchet mechanism
- Rapid blade advance
- Easy cutting with minimal cable distortion

RCC954ACSR1K

For Use On:

RCC336:
ACSR 336 kcmil;
Aluminum 500 kcmil;
Copper 350 kcmil;
10.5" overall length
1.25" max. insulation diameter
1.2 lbs

RCC556:
ACSR 556.5 kcmil;
Aluminum 500 kcmil;
Copper 500 kcmil;
21.00" overall length
1.40" max. insulation diameter
4.0 lbs

RCC954ACSR1K:
ACSR 954 kcmil;
Aluminum 1000 kcmil;
Copper 1000 kcmil;
22.75" overall length
1.38" max. insulation diameter
6.5 lbs

Models:

RCC336	Ratchet Cutter, up to 336 ACSR
RCC556	Ratchet Cutter, up to 556 ACSR
RCC954ACSR1K	Ratchet Cutter, up to 954 ACSR

Specifications (RCC954ACSR1K):

Weight:	6.5 lbs
Size:	22.75" x 7.00" x 1.88"
Max. Insulation Dia.:	1.38"
Warranty:	1 year limited warranty (excluding blades)

Ratchet Wire Rope Cutters

Ratchet Wire Rope Cutters for Mild and Stainless Steel Cable

Tool Series: RWRC

- Hardened steel blades
- Rapid blade advance
- Reduced handle force compared to scissor or compound action designs

RWRC916

For Use On:

RWRC516:
Mild Steel: 5/16" diameter
Stainless Steel: 1/4" diameter
10" overall length
5/16" diameter
1.2 lbs

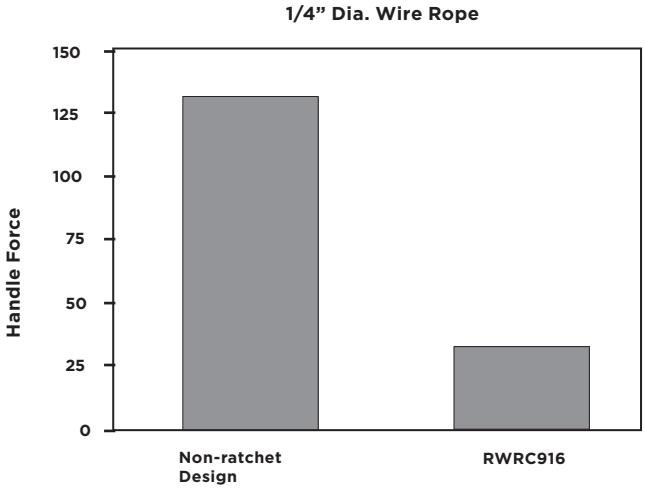
RWRC916:
Mild Steel: 9/16" diameter
Stainless Steel: 1/2" diameter
20" overall length
9/16" diameter
4.4 lbs

Models:

RWRC516	Ratchet Cutter, up to 5/16" dia
RWRC916	Ratchet Cutter, up to 9/16" dia

Specifications (RWRC916):

Weight:	4.4 lbs
Size:	20.00" x 9.00" x 2.00"
Mild Steel Dia.:	9/16"
Stainless Steel Dia.:	1/2"
Warranty:	2 year limited warranty (excluding blades)



Electric Hydraulic Pump

10,000 PSI Light Weight, Space Saving Design

Pump Series: Y10AC9

- Easy to carry and transport
- Factory set relief valve
- 100,000+ life cycles
- Sealed electric pendant switch with 10-foot cord

For Use With:

10,000 PSI Remote Heads:

Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81K2MBH, RHCC Series Cutters

Models:

Y10AC9	10,000 psi electric hydraulic pump
Y10AC90EM	10,000 psi electric hydraulic pump with foot switch; pump features "Jog & Hold"

Examples of some of the remote crimping and cutting heads for use with Y10AC9 pump

RHCC129ACSR

Y60LW

Y81K2MBH

Specifications:

Weight:	28.0 lbs (including oil)
Motor:	115V-AC 50/60 Hz 5/8 HP, 10,000 RPM
Height:	14.38"
Base:	8.25" x 6.50"
Max. Current Draw:	11 amp
Reservoir Volume:	1.61 quarts
Warranty:	5 year limited warranty

Accessories:

YACCASE:	Steel carrying case with handle and locking latch
YACFC:	Foot control switch

See Hydraulic Hoses; Pump Accessories for Hose options

Electric Hydraulic Pump

10,000 PSI Light Weight, Long Service Life

Pump: EPP10

- Lightweight, small size
- 100,000+ life cycles
- Durable remote pendant switch

For Use With:

10,000 PSI Remote Heads:

Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81K2MBH, RHCC Series Cutters

Models:

EPP10	10,000 psi electric hydraulic pump

Examples of some of the remote crimping and cutting heads for use with EPP10 pump

RHCC245CUAL

Y750BHXT

Y81K2MBH

Specifications:

Motor:	115V-AC/60 Hz 1/2 HP @ 3450 RPM
Max. Current Draw:	12.5 amperes
Weight:	30.0 lbs
Base:	18.00" x 8.00" x 6.00"
Height:	16.00"
Reservoir Volume:	2 quarts
Warranty:	5 year limited warranty

Accessories:

EPPCASE1:	Steel carrying case with handle, locking latch
PT9711:	Pendant switch

See Hydraulic Hoses; Pump Accessories for Hose options

Electric Hydraulic Pump

10,000 PSI Dual Voltage/Hertz, Large Reservoir

Pump Series: EP10

- Dual voltage / hertz
- Oil level window
- 8 quart reservoir

For Use With:

10,000 PSI Remote Heads:

Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81K2MBH, RHCC Series Cutters

Models:

EP10	10,000 psi electric hydraulic pump; 1/2 HP 115/230 V-AC; 60 cycle
EP102	10,000 psi electric hydraulic pump; 1/2 HP 220/230 V-AC; 50/60 cycle
EP101HP	10,000 psi electric hydraulic pump; 1 HP 115/230 V-AC; 60 cycle
EP101HP2	10,000 psi electric hydraulic pump; 1 HP 220/230 V-AC; 50/60 cycle

Y750BHXT

RHCC245CUAL

Y81K2MBH

Specifications:

Motor:	1/2 HP 115/230V-AC, 60 Cycle; 1/2 HP @ 3450 RPM
Max. Current Draw:	10 amperes
Reservoir Volume:	8 quarts max; 2 quarts min.
Height:	17.50”
Base:	11.75” x 18.50”
Dry Weight:	68.0 lbs (86.0 lbs with max. fluid)
Warranty:	5 year limited warranty

Accessories:

See Hydraulic Hoses; Pump Accessories for Hose options

Electric Hydraulic Pump

10,000 PSI Large 8 Quart Reservoir, Roll Cage

Pump: EPAC10

- Roll cage
- 3 position switch and control box
- Full automatic or manual "Jog and Hold" cycles
- Windows allow easy inspection of proper oil level

For Use With:

10,000 PSI Remote Heads:

Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81K2MBH, RHCC Series Cutters

Models:

EPAC10	10,000 psi electric hydraulic pump

Examples of some of the remote crimping and cutting heads for use with EPAC10 pump

Y60LW

RHCC129ACSR

Y81K2MBH

Specifications:

Motor:	1/2 HP 115/230V-AC, 60 Cycle; 1/2 HP @ 3450 RPM
Max. Current Draw:	10 amperes
Reservoir Volume:	8 quarts max; 2 quarts min.
Height:	17.50"
Base:	11.75" x 18.50"
Dry Weight:	68.0 lbs (82.0 lbs with max. fluid)
Warranty:	5 year limited warranty

Accessories:

See Hydraulic Hoses; Pump Accessories for Hose options

Gas Driven Hydraulic Pump

10,000 PSI Heavy Duty
4 Horse Power Gasoline Engine

Pump: GP10

- Sturdy steel roll cage design
- Manual control valve
- Fast hose assembly; quick disconnect hydraulic coupler
- Large 8 quart reservoir

For Use With:

10,000 PSI Remote Heads:

Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81K2MBH, RHCC Series Cutters

Models:

GP10	10,000 psi gas driven hydraulic pump

Specifications:

Engine:	4 H.P.; 4 Cycle
Weight:	77.8 lbs (overall dry weight)
Size:	21.00" x 22.25" x 16.00"
Reservoir Volume:	8 quarts
Warranty:	5 year limited warranty

Examples of some of the remote crimping and cutting heads for use with GP10 pump

Y60LW

Y750BHXT

Accessories:

See Hydraulic Hoses; Pump Accessories for Hose options

Non Conductive Hydraulic Hoses

10,000 PSI Non Conductive Hoses

- 3 lengths available in 2 diameters
- Orange
- Stackable couplers (male/female)

Models:

PT2990010	10' length; 3/16" diameter
PT2990015	15' length; 3/16" diameter
PT2990025	25' length; 3/16" diameter
PT2990110	10' length; 1/4" diameter
PT2990115	15' length; 1/4" diameter
PT2990125	25' length; 1/4" diameter

Notes:

For proper care and maintenance of hydraulic hoses, consult the **Hydraulic Hose Care Manual; Form #7828**.

1/4" diameter (available for 10,000 PSI only) hose provides a higher flow rate for faster ram movement.

6,000 PSI Non Conductive Hoses

- Orange
- Stackable couplers (male/female)

Models:

PT2990210	10' length; 3/16" diameter

Conductive Hydraulic Hoses

10,000 PSI Conductive Hoses

- Stackable couplers (male/female)
- Steel braided with steel spring reinforced ends
- Black

Models:

PT91	8' length; steel braided with steel spring reinforced ends; stackable couplers (male/female); Black. No electrical rating.

DO NOT USE ON ENERGIZED CONDUCTOR

Notes:

For proper care and maintenance of hydraulic hoses, consult the **Hydraulic Hose Care Manual; Form #7828**.

Accessories for Pumps / Hoses

PT290741 Insulated Hose Carrying Bag

- Designed for protection and cleanliness for non conductive hoses; maximum carrying capacity of 10 lbs.
- Accommodates 100 feet of non-conductive hose coiled to 17-1/2" OD and 3-3/4" wide

ALFLUID™ Hydraulic Fluid for Pumps

- **AFLUIDQT** is quart size; **ALFLUIDGAL** is gallon size
- All weather hydraulic fluid for BURNDY® pumps types HP hand pump, FP foot pump, GP gasoline pump, and EPP electric pump

PT93 (Female) and PT94 (Male)

- Replacement couplers for 10,000 PSI operating pressure (sold separately)

PT11018 In-Line Pressure Gauge for 10,000 PSI Hydraulic Pumps

- Pressure gauge for 10,000 PSI operating hydraulic pumps

PT29091 (Male) and PT292141 (Female)

- Replacement couplers for 6,000 PSI operating pressure (sold separately)

Accessories MD6/MD7 Related

MD6CP1 Protective Jaw Covers

- Laminated vinyl jaw covers, supplied as set
- Compact, snap in place easily
- Fits all styles except Snub-Nose variations

PT6744 Jaw Cover (Snub-Nose)

- Semi-rigid Neoprene non-conductive material
- Fits all MD66 Snub-nose variations

PT49311 Die Button Repair Kit

- Replacement die button kit for MD6/MD7 tool variations

PT4925 Canvas Bag

- Sturdy canvas bag for MD6/MD7 tool variations with or without covers in place
- Holds up to 9 die sets (sold separately)

PT49521 Steel Carrying Case

- Provides storage for the following: MD6, MD66, MD68, MD614, MD637, MD638, MD7, and MD76 with or without covers (sold separately)
- Holds up to 18 die sets (sold separately)

PT6733 Hotstick Tool Carrying Bag

- Heavy-duty, adjustable canvas bag
- Accommodates 48”, 60” and 72” variations of the MD6 and Y35 Hotstick tools

Accessories MD6/MD7 Related

WBG Die Set

- Double groove die set
- One (1) crimp per end on service entrance sleeves
- Requires half the number of crimps on other 5/8" sleeves

W687 & W702 Non-Bowing Die Sets

- Install one-piece, full-tension UNISPLICE™ sleeves on ACSR conductors without bowing (sold separately)

W687: Installs #4 ACSR 6/1, 7/1; YDS4RL and YDS4RLY
#2 ACSR 6/1; YDS2RL and YDS2RLY

W702: Installs #2 ACSR 7/1; YDS021RL and YDS021RLY
1/0 ACSR; YDS25RL and YDS25RLY

W28K Cutter Die Set

- Cuts #4 - 4/0 ACSR, Aluminum or Copper

WDIETREE W Die Holder

- Innovative die holder as alternative to the standard die case
- Designed to hold up to 6 W dies
- Shown with die sets (not included)

CASEWDIES Compact Die Case

- Space for 12 W or X style dies (not included)

Accessories 12 and 15 Ton Related

PATPROBAG Heavy Duty Nylon Carry Bag

- Fits all PATRIOT® battery tools (excluding PATCUT4 series)
- Heavy Duty, Water-Resistant Nylon
- Corrosion Resistant Steel Hardware
- Dual Heavy Duty Zippers and Straps; Durable Base Liner and Reinforced Side Walls
- 19.4" x 11.5" x 11" and loaded with pockets for everything needed on the job

CASEUDIES15 Carry Case for U Dies

- Plastic case design for storage and protection of U dies
- Accommodates 15 die sets (standard or wide width U dies)
- Case is 11-1/4" x 7-1/2" x 3"
- Die sets sold separately
- **CASEUDIES8** also offered, holds 8 die sets

PT6545 Die Case for S or P Style Die Sets

- Metal carrying case
- Accommodates 8 S or P Style Die Sets typically used with the Y45 and Y46 series of tools

HYFLUID™ Hydraulic Fluid for HYPRESS™ Tools

- **HYFLUIDQT** - quart size; **HYFLUIDGAL** - gallon size
- Hydraulic fluid for HYPRESS™ hand tools types Y35, Y352, Y750HSXT, and Y750CHSXT

Y35/Y39REPKITA Seal Repair Kit

- Seal repair kit for Y35 tools or Y39 (now discontinued)

Steel Carrying Cases for Y35 and Y352

- **PT2972** - steel carrying case for Y35 tool
- **PT29360** - steel carrying case for Y352 tool

Force Test Gauges

For Battery Actuated and Self-Contained Hydraulic Tools Only

- Not recommended for remote powered heads*
- Easy to read dials
- Custom U die blanks with detent (12 & 15 ton tools)
- Custom ram puck and v-block gauge adapters (11 ton dieless tools)
- Comes complete with polymer carry case to protect blanks, adapters, and gauge; inlcudes operating and maintenance manual.
- 1 year limited warranty

*see PT11018 in-line pressure gauge for 10,000 psi pumps

FORCEGAUGE1215
with die blanks (included)

Models:

FORCEGAUGE1215 For 12 & 15 ton tools

Use with: Y750HSXT, PAT750 Series, and PAT46 Series (with PUADP1 Adaptor)

Weight & Size: 2.7 lbs; 8.30” x 4.30” x 1.50”

PT292792 For 12 ton tools

Use with: Y35

Weight & Size: 2.7 lbs; 9.25” x 3.88” x 2.00”

PT292792
with die blanks (included)

FORCEGAUGE11 For 11 ton dieless tools

Use with: Y644HSXT, PAT644 Series, and PAT444S Series

Weight & Size: 2.7 lbs; 9.00” x 3.98” x 1.24”

FORCEGAUGE11
(adapters not shown, included)

WIREMIKE™ Stainless Steel Wire Micrometer

Available in multiple formats

- Strong, durable, high quality
- Most formats:
  - Allows for use as both caliper and ruler
  - Measures I.D. and O.D. of tubing
  - Measures thin-wall and rigid conduit including IPS
  - Measures ACSR, stranded and solid commercial cables

WIREMIKE

WIREMIKE, WIREMIKED and RK1942 are for use on:

ACSR
#6 to 336.4 (26/7) Stranded
Stranded AWG
#18 to 2000 kcmil
Solid
#20 to 4/0 AWG
IPS Tubing (Cu/Al) and Rigid Conduit:
1/4" to 2-1/2"
Tubing Sizes:
3-1/8" inside maximum; 2-15/16" outside maximum
Thin-wall Conduit:
3/8" to 2-1/2"

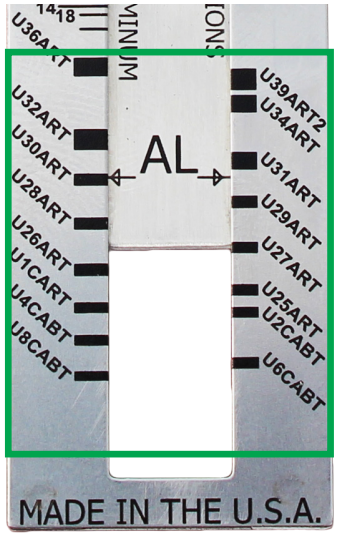
Models:

WIREMIKE	Stainless Steel, inch/fraction markings
WIREMIKECI	Stainless Steel, no ruler capabilities but may be used for reference on specific completed crimps (see more detail below for WIREMIKECI)
WIREMIKED	Stainless Steel, decimal markings in place of fraction markings, same capabilities as catalog number WIREMIKE™
RK1942	Convenience packaging of WIREMIKE™ (with inch markings) in packaging suitable for hanging on a rack; sold in multiples of 10 only

WIREMIKECI is for use on:

Compression Connectors and Splices (including Compression Grounding)
#18 to 2500 kcmil Copper Class B
#10 to 4/0 Solid Aluminum / Copper
#18 to 3500 kcmil Concentric Aluminum
#8 to 1100 kcmil Compact Aluminum
#14 to 1111 kcmil Copper DLO

Also used <u>for reference only</u>* for inspection of completed crimp when using Butting Copper or Aluminum Dies with the 750, 46, or 35 series of tools.
Copper Dies U8CRT to U44XRT
Aluminum Dies U8CABT to U39ART-2



Close up for the Die Inspection Section (Used for Reference Only*) Catalog # WIREMIKECI only

***WIREMIKECI** tool is to provide measurements for reference only, not to confirm the suitability of connection. Customer is responsible to independently verify suitability of connection.

Micro-Adjustable Professional Grade "Click-Type" Torque Wrenches

Tool Series: BTW

- Ratcheting, calibrated, dual direction
- Positive lock with spring-loaded pull-down lock ring
- Individually serialized with matching certificate of calibration traceable to N.I.S.T.
- ASME B107.14M-2004 and ISO 6789

For Use On:

Any mechanical connection with torque values within range of specific torque wrench. Including, but not limited to:

Types: SERVIT®, OKLIP™, VERSITAP™, SCRULUG™, Lay-In QIKLUG™, VARITAP™, VARILUG™, KA-U Universal Terminals, UNITAP™, POLYTAP™, BARTAP™, Type BIPC, Terminal Blocks, U-BLOK™, SPEC-BLOK™, VERSIPOLE™

Models:

BTW30150	Torque range 30 - 150 in-lbs; 10.25" long; 3/8" drive
BTW150750	Torque range 150 - 750 in-lbs; 16.00" long; 3/8" drive
BTW1575F12	Torque range 15 - 75 ft-lbs; 16.00" long; 1/2" drive

Specifications:

Accuracy:	±4% clockwise; ±6% counter clockwise of indicated value clockwise, from 20% to 100% of full scale
Applicable Standards:	ASME B107.14M-2004; ISO 6789
Calibration:	Traceable to N.I.S.T.
Warranty:	1 year limited warranty

WEJTAP™ Tooling and Accessories

WTB

- WEJTAP™ patented tool body
- One piece assembly
- Installs WEJTAP™ and STIRRUP™ connectors #8 AWG - 1590 kcmil ACSR with applicable tool head

WTHY1S

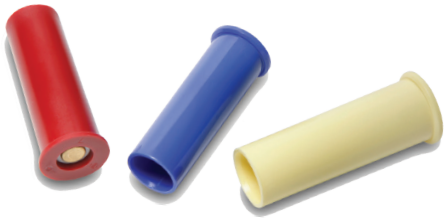
- WEJTAP™ tool head
- Installs medium and large (yellow coded) connectors

WTHRB1S

- WEJTAP™ tool head
- Installs small and medium (red/blue coded) connectors

WTBASY1

- WEJTAP™ ram replacement assembly



WEJTAP™ Boosters

- The WEJTAP™ System requires use of boosters for installation of connectors (red, blue, and yellow boosters match connectors)
- Boosters are available packaged with connectors and also sold separately

Red:	**WPBRNBOX25**
Yellow:	**WPBYNBOX25**
Blue:	**WPBBNBOX25**

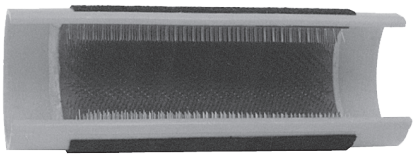
WTOCBR and WTOCY

- WEJTAP™ removal clip for red/blue connectors (**WTOCBR**) with WTHRB1S tool head
- WEJTAP™ removal clip for yellow connectors (**WTOCY)** with WTHY1S tool head

WTCK

- WEJTAP™ tool cleaning/maintenance kit for use with type WTB tool body
- Comes in clear carrying bag

WEJTAP™ Accessories and Kits



WHHWB

- Hand-held wire brush for cleaning surface contact areas on non-energized conductors

WTCC

- Plastic carrying case only; designed for rugged use in all weather conditions
- Accommodates WEJTAP™ installation tool, removal clips, and cleaning kit (sold separately)

WABAG

- Durable bag designed to carry installation tool(s), removal clips, cleaning kit, and hotstick accessories; Holders for power boosters located on outside of bag
- (all sold separately)

WEJTAP™ Kits with contents shown below

	*Non-Hotstick Power Unit	Hotstick Power Unit	Self-Firing Tool	Large Frame (Yellows)	Large Frame Take Off Clip	Small Frame (Red, Blue)	Cleaning Kit	Small Frame Take Off Clip	Molded Carrying Case	Canvas Style Tool Bag
Component / Kit Catalog No.	WTBNHS*	WTB	WTBGBW	WTHY1S	WTOCY	WTHRB1S	WTCK	WTOCBR	WTCC	WABAG
WT2B2RBYWABAG		2		1	1	1	1	1		1
WTRBYK		1		1	1	1	1	1	1	
WTRBYKNHS	1			1	1	1	1	1	1	
WTYK		1		1	1		1			
WTYKNHS	1			1	1		1			
WTRBK		1				1	1	1	1	
WTRBKNHS	1					1	1	1	1	
WTY		1		1			1			
WTRB		1				1	1			
WTRBKNHSBAG	1					1	1	1		1
WTBGBWRBYK			1	1	1	1	1	1	1	
WTRBYWABAG		1		1	1	1	1	1		1
WTRBYKNHSBAG	1			1	1	1	1	1		1

*Note: Non-hotstick power units do not contain features allowing activation with hotsticks; they are not upgradeable.

WEJTAP™ Hotstick Accessories

WHSCWH

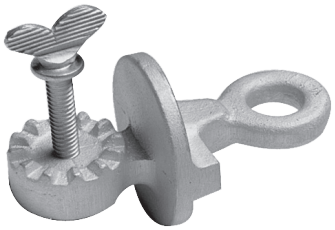
- Hotstick connector clamp holds tap connector and wedge for installation on energized lines with shotgun hotstick

WHSPBC

- Hotstick dual cable clamp to hold run and tap conductors in place during installation; for all applications #8-1272 ACSR

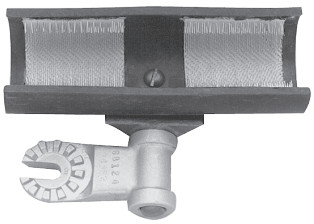
WHSWHADP

- Hotstick angle wedge holder adapter attaches wedge clamp to universal hotstick for hotline installation



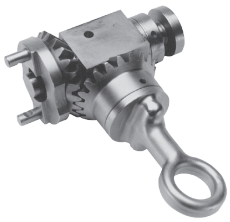
WCHAWAS

- Hotstick angle wedge holder adapter attaches wedge clamp to universal hotstick for installation using shotgun stick



WHSWB

- Hotstick wirebrush attaches to universal hotstick for cleaning the contact surface of the line conductor

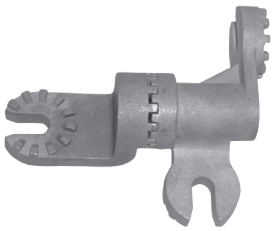


WHSGB

- Hotstick breech drive; geared shotgun hotstick adapter latches to breech end of tool without disassembly for use on energized lines

WHSTA

- Hotstick tool (actuator) hammer attaches to universal hotstick for striking the actuator button to complete installation



WHSSADP

- Hotstick spring loaded 90 degree adapter; used to attach tool to universal hotstick for hotline installations

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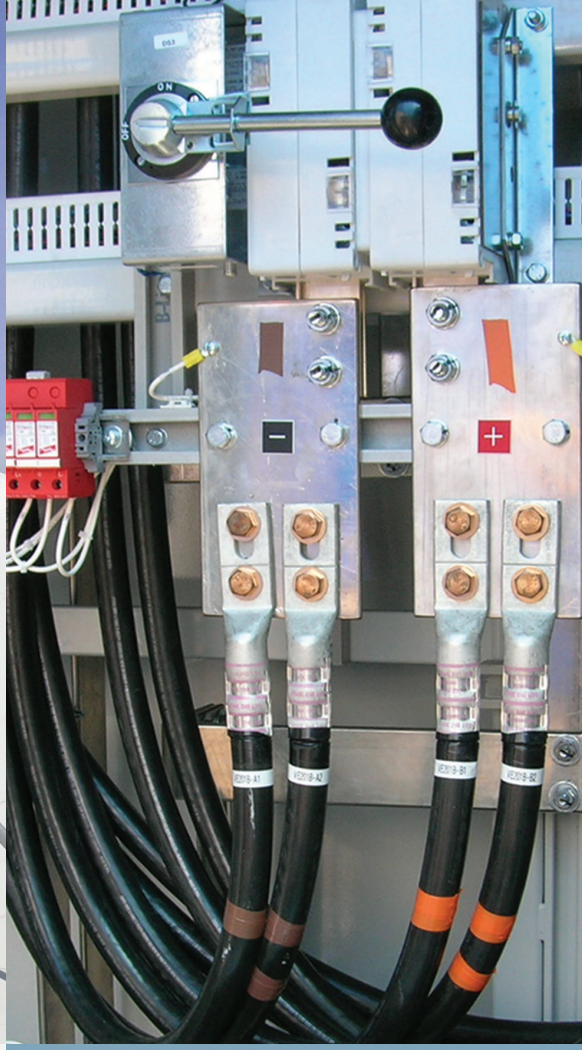

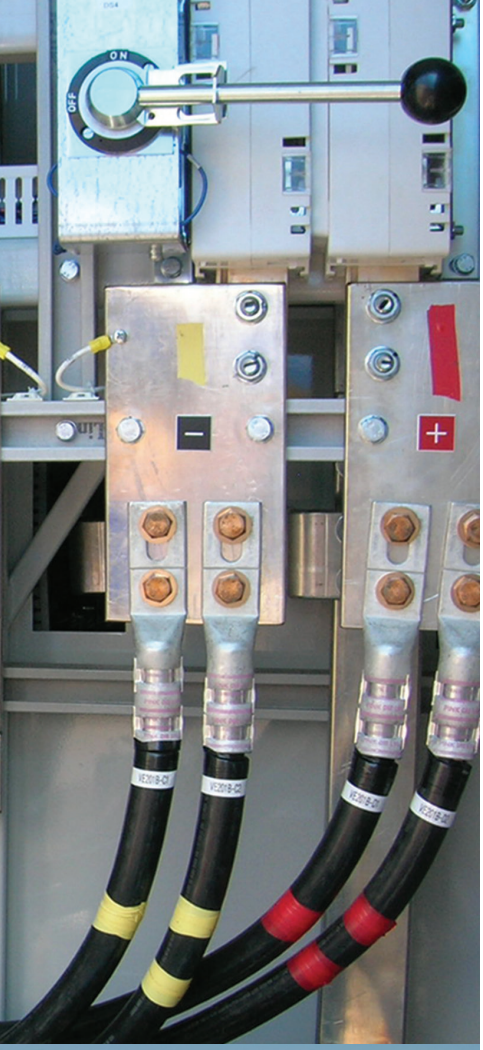

BURNDY® tools are designed to withstand the diverse environments electrical workers face every day.

BURNDY® TOOLS

Code Connectors Accommodating Flexible Wire - 444S/644 Dieless

Code Connectors Accommodating Flexible Wire with Dieless Tools

The following code connectors can accommodate flexible wire when using the 644 or 444S series dieless platform of installation tools ONLY. See table for specific connector to wire combinations.

Example: YA2CN code connector that accommodates #2 AWG Class B,C, can also accommodate a #3 Class G, H, I, K, M, DLO flexible wire when using a 644 or 444S series tools with the number of crimps identified in the table below.

444S Series

644 Series

Catalog Number Designation		Wire Sizes		# Crimps*	
Terminal	Splice*	Copper Code Wire	Copper Flexible Wire and DLO (if applicable)	Standard Barrel	Long Barrel
YA1C-	YS1C-	#1 AWG	#2 FLEX G,H,I,K,M,DLO	1	1
YA25-	YS25-	1/0 AWG	#1 FLEX G,H,I,K,M,DLO	1	1
YA26-	YS26-	2/0 AWG	1/0 FLEX G,H,I,K,M,DLO	1	1
YA27-	YS27-	3/0 AWG	2/0 FLEX G,H,I,K,M,DLO	1	1
YA28-	YS28-	4/0 AWG	3/0 FLEX G,H,I,K,M,DLO	1	1
YA29-	YS29-	250 kcmil	4/0 FLEX G,H	1	1
YA30-	YS30-	300 kcmil	4/0 FLEX I,K,M,DLO 250 FLEX G,H	1	1
YA31-	YS31-	350 kcmil	250 FLEX I,K,M, 262 DLO	1	1
YA32-	YS32-	400 kcmil	300 FLEX G,H,I,K,M, 313 DLO	1	1
YA34-	YS34-	500 kcmil	350 FLEX G,H,I,K,M, 373 DLO	1	1
YA36-	YS36-	600 kcmil	450 FLEX I,K,M, 444 DLO 500 FLEX G,H	1	1
YA38-	YS38-	700 kcmil	500 FLEX I,K,M, 535 DLO	1	1
			550 FLEX G,H	1	1
YA39-	YS39-	750 kcmil	600 FLEX G	1	1
			550 FLEX M	1	1
YA40-	YS40-	800 kcmil	600 FLEX H,I,K,M	1	1
			650 FLEX G, 646 DLO	1	1
YA44-	YS44-	1000 kcmil	650 FLEX I	1	1
			750 FLEX G,H, 777 DLO	1	1

*Splices: # of crimps required for each side

Code Class B/C Terminal **(YA1CN** shown**)**

+

Flexible Wire Accommodates **(#2 G,H,I,K,M,DLO)**

+

=

UL Listed
CSA Certified

BURNDY

Code Connectors Accommodating Flexible Wire 81K Series 4-POINT®

Code Connectors Accommodating Flexible Wire with Dieless Tools

The following code connectors can accommodate flexible wire when using the 81K series 4-POINT® dieless platform of installation tools ONLY. See table for specific connector to wire combinations.

Example: YA2CN code connector that accommodates #2 AWG Class B,C, can also accommodate a #3 Class G, H, I, K, M, DLO flexible wire when using an 81K series tool with the number of crimps identified in the table below.

Catalog Number Designation		Wire Sizes		# Crimps*	
Terminal	Splice*	Copper Code Wire	Copper Flexible Wire and DLO (if applicable)	Standard Barrel	Long Barrel
YA8C-	YS8C-	#8 AWG	#8 FLEX G,H,I,K,M,DLO	1	1
YA4C-	YS4C-	#4 AWG	#6 FLEX G,H,I,K,M,DLO #5 FLEX G,H,I,K,M,DLO	1	1
YA3C-	YS3C-	#3 AWG	#4 FLEX G,H,I,K,M,DLO	1	1
YA2C-	YS2C-	#2 AWG	#3 FLEX G,H,I,K,M,DLO	1	1
YA1C-	YS1C-	#1 AWG	#2 FLEX G,H,I,K,M,DLO	1	1
YA25-	YS25-	1/0 AWG	#1 FLEX G,H,I,K,M,DLO	1	2
YA26-	YS26-	2/0 AWG	1/0 FLEX G,H,I,K,M,DLO	1	2
YA27-	YS27-	3/0 AWG	2/0 FLEX G,H,I,K,M,DLO	1	2
YA28-	YS28-	4/0 AWG	3/0 FLEX G,H,I,K,M,DLO	1	2
YA29-	YS29-	250 kcmil	4/0 FLEX G,H	1	2
YA30-	YS30-	300 kcmil	4/0 FLEX I,K,M,DLO 250 FLEX G,H	1	2
YA31-	YS31-	350 kcmil	250 FLEX I,K,M, 262 DLO	1	2
YA32-	YS32-	400 kcmil	300 FLEX G,H,I,K,M, 313 DLO	1	2
YA34-	YS34-	500 kcmil	350 FLEX G,H,I,K,M, 373 DLO	1	2
YA36-	YS36-	600 kcmil	450 FLEX I,K,M, 444 DLO 500 FLEX G,H	2	2
YA38-	YS38-	700 kcmil	500 FLEX I,K,M, 535 DLO	2	2
			550 FLEX G,H	2	2
YA39-	YS39-	750 kcmil	600 FLEX G	2	3
			550 FLEX M	2	3
YA40-	YS40-	800 kcmil	600 FLEX H,I,K,M	2	3
			650 FLEX G, 646 DLO	2	3
YA44-	YS44-	1000 kcmil	650 FLEX I	—	3
			750 FLEX G,H, 777 DLO	2	3

*Splices: # of crimps required for each side

Code Class B/C Terminal **(YA2CN shown)**

+

Flexible Wire Accommodates **(#3 G,H,I,K,M,DLO)**

+

=

UL Listed
CSA Certified

Expanded Compression Ranges using 444S / 644 Series

EXPANDED RANGES

The following list of connector types can accommodate a range of conductors when crimped using the 644 and 444S family of tools:

COPPER CONNECTORS

Copper HYLUG™ & HYLINK™ Connectors Types YA, YA-L, YAB, YS, YS-L, YSR, YST, YS-T, YSP-T			
Catalog No.		Copper Wire Size	Copper Expanded Wire Range
Terminal*	Splice**		
YA3C- YA2C- YA1C-	YS3C- YS2C- YS1C-	#3 AWG #2 AWG #1 AWG	#3 - #4 AWG #2 - #4 AWG #1 - #4 AWG
YA25- YA26- YA27- YA28-	YS25- YS26- YS27- YS28-	1/0 AWG 2/0 AWG 3/0 AWG 4/0 AWG	1/0 - #4 AWG 2/0 - #4 AWG 3/0 - #2 AWG 4/0 - #1 AWG
YA29- YA30- YA31- YA32- YA34-	YS29- YS30- YS31- YS32- YS34-	250 kcmil 300 kcmil 350 kcmil 400 kcmil 500 kcmil	250 kcmil - 1/0 AWG 300 kcmil - 2/0 AWG 350 kcmil - 3/0 AWG 400 kcmil - 4/0 AWG 500 kcmil - 4/0 AWG
YA36- YA39- YA40-	YS36- YS39- YS40-	600 kcmil 750 kcmil 800 kcmil	600 - 250 kcmil 750 - 500 kcmil 800 - 500 kcmil
YA44-	YS44-	1000 kcmil	1000 - 750 kcmil

* 1 Crimp
** 1 Crimp per side

ALUMINUM CONNECTORS

Aluminum HYLUG™ & HYLINK™ Connectors Types YA-A & YS-A			
Catalog No.		Copper or Aluminum Wire Size	Copper or Aluminum Expanded Wire Range
Terminal*	Splice**		
YA4CA- YA2CA- YA1CA-	YS4CA- YS2CA- YS1CA-	#4 AWG #2 AWG #1 AWG	#4 - #6 AWG #2 - #6 AWG #1 - #2 AWG
YA25A- YA26A- YA27A- YA28A-	YS25A- YS26A- YS27A- YS28A-	1/0 AWG 2/0 AWG 3/0 AWG 4/0 AWG	1/0 - #1 AWG 2/0 - #1 AWG 3/0 - #1 AWG 4/0 - #1 AWG
YA29A- YA30A- YA31A- YA32A- YA34A-	YS29A- YS30A- YS31A- YS32A- YS34A-	250 kcmil 300 kcmil 350 kcmil 400 kcmil 500 kcmil	250 kcmil - 1/0 AWG 300 kcmil - 2/0 AWG 350 kcmil - 3/0 AWG 400 kcmil - 4/0 AWG 500 kcmil - 4/0 AWG
YA36A- YA39A- YA40A- YA42A- †	YS36A- YS39A- YS40A- YS42A- ‡	600 kcmil 750 kcmil 800 kcmil 900 kcmil ▲	600 - 250 kcmil 750 - 500 kcmil 800 - 500 kcmil 900 - 600 kcmil
YA44A-	YS44A-	1000 kcmil	1000 - 750 kcmil

* 1 Crimp
** 1 Crimp per side

▲ 900 AL only
† 2 Crimps
‡ 2 Crimps per side

AYP/AYPO ALUMINUM CONNECTORS

(Aluminum Conductor Only)				
		Pin		
Wire Size	Expanded Range	Straight	Offset	# Crimps
#2 AWG	#4 - #2 AWG	AYP2	—	1
#1 AWG	#2 - #1 AWG	AYP1	—	1
1/0 AWG	#1 - 1/0 AWG	AYP1/0	—	1
2/0 AWG	#1 - 2/0 AWG	AYP2/0	AYPO2/0	1
3/0 AWG	#1 - 3/0 AWG	AYP3/0	AYPO3/0	1
4/0 AWG	#1 - 4/0 AWG	AYP4/0	AYPO4/0	1
250 kcmil	1/0 AWG - 250 kcmil	AYP250	AYPO250	1
300 kcmil	2/0 AWG - 300 kcmil	AYP300	AYPO300	1
350 kcmil	3/0 AWG - 350 kcmil	AYP350	AYPO350	1
400 kcmil	4/0 AWG - 400 kcmil	AYP400	AYPO400	1
500 kcmil	4/0 AWG - 500 kcmil	AYP500	AYPO500	1
600 kcmil	250 - 600 kcmil	AYP600	AYPO600	1
750 kcmil	500 - 750 kcmil	AYP750	AYPO750	1

Expanded Compression Ranges with 81K / 4PC Series Dieless Tools

EXPANDED RANGES

The following list of connector types can accommodate a range of conductors when crimped using the 4-POINT® (81K or 4PC) family of tools:

COPPER CONNECTORS

Copper Conductor (Class B&C)**							
Copper Conductor		Standard Barrel			Long Barrel		
Wire Size	Expanded Range	Terminal	Splice	# of Crimps*	Terminal	Splice	# of Crimps*
#4 AWG	#6 - #4 AWG	YA4CL-	YS4CL-	1	YA4C-	YS4C-	1
#2 AWG	#6-#2 AWG	YA2CL-	YS2CL-	1	YA2C-	YS2C-	2
#1 AWG	#6-#1 AWG	YA1CL-	YS1CL-	1	YA1C-	YS1C-	2
1/0 AWG	#6-1/0 AWG	YA25L-	YS25L-	1	YA25-	YS25-	2
2/0 AWG	#4 - 2/0 AWG	YA26L-	YS26L-	1	YA26-	YS26-	2
3/0 AWG	#2 - 3/0 AWG	YA27L-	YS27L-	2	YA27-	YS27-	2
4/0 AWG	#1 - 4/0 AWG	YA28L-	YS28L-	2	YA28-	YS28-	2
250 kcmil	1/0 AWG - 250 kcmil	YA29L-	YS29L-	2	YA29-	YS29-	2
300 kcmil	2/0 AWG - 300 kcmil	YA30L-	YS30L-	2	YA30-	YS30-	3
350 kcmil	3/0 AWG - 350 kcmil	YA31L-	YS31L-	2	YA31-	YS31-	3
400 kcmil	4/0 AWG - 400 kcmil	YA32L-	YS32L-	2	YA32-	YS32-	3
500 kcmil	4/0 AWG - 500 kcmil	YA34L-	YS34L-	2	YA34-	YS34-	4
600 kcmil	250 - 600 kcmil	YA36L-	YS36L-	2	YA36-	YS36-	4
700 kcmil	350-700 kcmil	YA38L-	YS38L-	3	YA38-	YS38-	4
750 kcmil	500-750 kcmil	YA39L-	YS39L-	3	YA39-	YS39-	4
800 kcmil	500-800 kcmil	YA40L-	YS40L-	3	YA40-	YS40-	4
1000 kcmil	750-1000 kcmil	YA44L-	YS44L-	3	YA44-	YS44-	4

ALUMINUM CONNECTORS

Aluminum & Copper Conductor (Class B & C)**				
Copper / Aluminum Conductor		Connector		
Wire Size	Expanded Range	Terminal	Splice	# Crimps
#4 AWG	#6 - #4 AWG	YA4CA-	YS4CA-	1
#2 AWG	#6-#2 AWG	YA2CA-	YS2CA-	2
#1 AWG	#6-#1 AWG	YA1CA-	YS1CA-	2
1/0 AWG	#6-1/0 AWG	YA25A-	YS25A-	2
2/0 AWG	#4 - 2/0 AWG	YA26A-	YS26A-	2
3/0 AWG	#2 - 3/0 AWG	YA27A-	YS27A-	2
4/0 AWG	#1 - 4/0 AWG	YA28A-	YS28A-	2
250 kcmil	1/0 AWG- 250 kcmil	YA29A-	YS29A-	2
300 kcmil	2/0 AWG - 300 kcmil	YA30A-	YS30A-	2
350 kcmil	3/0 AWG - 350 kcmil	YA31A-	YS31A-	3
400 kcmil	4/0 AWG - 400 kcmil	YA32A-	YS32A-	4
500 kcmil	4/0 AWG - 500 kcmil	YA34A-	YS34A-	4
600 kcmil	250 - 600 kcmil	YA36A-	YS36A-	4
750 kcmil	500-750 kcmil	YA39A-	YS39A-	4

PAT81K2U05A2

PAT4PC834LI

* Same number of recommended crimps for both Standard and Expanded wire ranges
** Class B - Concentric, Compressed, or Compact

Expanded Compression Ranges with 81K / 4PC Series Dieless Tools

EXPANDED RANGES

The following list of connector types can accommodate a range of conductors when crimped using the 4-POINT® (81K or 4PC) family of tools:

COPPER CONNECTORS

Copper Conductor (Flex Only)								
Nom Flex Wire Size	Standard Barrel				Long Barrel			
	Expanded Range	Terminal	Splice	# of Crimps	Expanded Range	Terminal	Splice	# of Crimps
#4 AWG	#6 - #4 AWG	YAV4CL-	YSV4CL-	1	#6 - #4 AWG	YAV4C-	YSV4C-	1
#2 AWG	#6 - #2 AWG	YAV2CL-	YSV2CL-	1	#6 - #2 AWG	YAV2C-	YSV2C-	1
#1 AWG	#4 - #1 AWG	YAV1CL-	YSV1CL-	1	#4 - #1 AWG	YAV1C-	YSV1C-	1
1/0 AWG	#4 - 1/0 AWG	YAV25L-	YSV25L-	1	#4 - 1/0 AWG	YAV25-	YSV25-	2
2/0 AWG	#2 - 2/0 AWG	YAV26L-	YSV26L-	1	#4 - 2/0 AWG	YAV26-	YSV26-	2
3/0 AWG	#1 - 3/0 AWG	YAV27L-	YSV27L-	1	#2 - 3/0 AWG	YAV27-	YSV27-	2
4/0 AWG	1/0 - 4/0 AWG	YAV28L-	YSV28L-	1	#1 - 4/0 AWG	YAV28-	YSV28-	2
250 kcmil	3/0 AWG - 250 kcmil	YAV29L-	YS29L-	1	1/0 AWG - 250 kcmil	YAV29-	YS29-	2
300 kcmil	4/0 AWG - 313 kcmil	YA32L-	YS32L-	1	2/0 AWG - 313 kcmil	YA32-	YS32-	2
350 kcmil	262 - 373 kcmil	YA34L-	YS34L-	1	3/0 AWG - 373 kcmil	YA34-	YS34-	2
450 kcmil	373 - 444 kcmil	YA36L-	YS36L-	1	262 - 444 kcmil	YA36-	YS36-	2
450 kcmil	262 - 444 kcmil	YA36L-	YS36L-	2				
500 kcmil	444 - 535 kcmil	YA38L-	YS38L-	1	373 - 535 kcmil	YA38-	YS38-	2
500 kcmil	373 - 535 kcmil	YA38L-	YS38L-	2				
600 kcmil	373 - 600 kcmil	YA39L-	YS39L-	2	262 - 600 kcmil	YA39-	YS39-	3
650 kcmil	444 - 646 kcmil	YA40L-	YS40L-	2	444 - 646 kcmil	YA40-	YS40-	3
750 kcmil	750 - 777 kcmil	YA44L-	YS44L-	2	646 - 777 kcmil	YA44-	YS44-	3

PAT4PC834LI

PAT81K2U05A2

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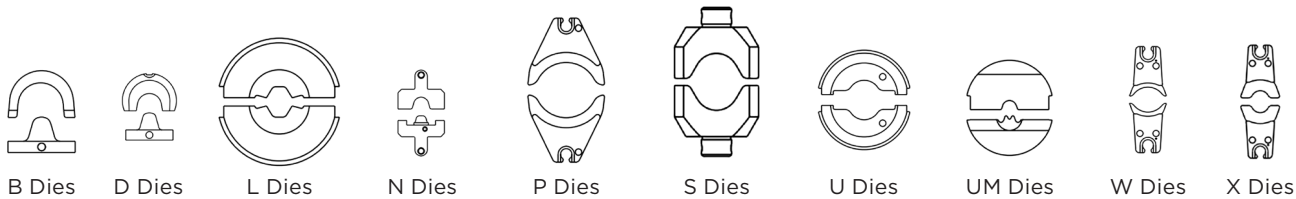
DIE INDEX REFERENCE

This chart provides a cross reference between die index numbers marked on **BURNDY® Compression Connectors** and corresponding **BURNDY® Die Sets** used with the various **BURNDY® Installation Tools**.

This is the only way to have complete connections with **The BURNDY® Engineered System**.

A die index number has been assigned to each required groove configuration. A prefix letter is used to indicate the specific installation tool for which the die has been designed, as shown.

DIE PROFILES



U **34** **ART**

Tool Type: Use **Chart I**

Wire Size: Use **Chart II**

Die Style: Use **Chart III**

CHART I - Tool Type

B = Y34BH

D = Y29BH

L = 60 Series

N = M8ND

P = 46 Series

S = Y45

U = 35 and 750 Series, 46 Series w/PUADP1 U-die Adapter

UM = OEM840NCP, 750 Series, 46 Series w/PUADP1 U-die Adapter

W = MD and PATMD Series, PAT500SJ, PAT600

X = MD6 and MD7 Series

CHART II - Wire Size

12	#12 AWG	**27**	3/0
10	#10 AWG	**28**	4/0
8C	#8 AWG	**29**	250 kcmil
6C	#6 AWG	**30**	300 kcmil
5C	#5 AWG	**31**	350 kcmil
4C	#4 AWG	**32**	400 kcmil
3C	#3 AWG	**34**	500 kcmil
2C	#2 AWG	**36**	600 kcmil
1C	#1 AWG	**39**	750 kcmil
25	1/0	**44**	1000 kcmil
26	2/0		

Or INDEX NUMBER: Example U312 = **312** Die Index

CHART III - Die Style

A = Aluminum
R = Round (circumferential)
T = Twin Die (both halves)

Footnotes for the chart in the following pages:

① - Cat. No. Y35P3 Adapter is required to use "Y34PR" type indenters with "U" type nest dies in 35 and 750 Series
② - Cat. No. PT6515 Adapter is required to use "U" type dies in Y45
③ - Cat. No. PUADP1 Adapter is required to use "U" type dies in 46 Series
④ - These sizes (250 - 500 kcmil) are not recommended for use with MD6 & MD7 Series tools due to high handle force
⑤ - Hexagonal crimp
⑥ - Die 302 recommended for 1.84 O.D. barrel
□ - Index 302 Dieless: can only be crimped with the 444S series, Y644MBH or Y644MBHF

PRESENT INSTALLATION TOOL INDEX

DIE GROOVE		DIE INFORMATION		DIELESS TOOLS		INSTALLATION TOOLING USING DIES						
BURNDY	EEI	TYPE	COLOR	MR, MY	444S / 644 Series	MD / PATMD Series	Y29BH	35 ① Series	750 ① Series	Y45 ②	46 ③ Series	60 Series
A		DIE SET						UA	UA	UA	UA	
BG		DIE SET				Perm. GR WBG		UBG	UBG	UBG	UBG	
C		DIE SET	BROWN			WC		UC	UC	UC	UC	
D		DIE SET						UD	UD	UD	UD	
D3		DIE SET	BLUE					UYFD	UYFD	UYFD	UYFD	
						Perm. GR		UD3	UD3	UD3	UD3	
E		DIE SET						UE	UE	UE	UE	
F		DIE SET						UF	UF	UF	UF	
H		DIE SET						UH	UH	UH	UH	
K1/4		DIE SET				WK14						
K5/16		DIE SET				WK516		UK516T	UK516T	UK516T	UK516T	
K3/8		DIE SET				WK38		UK38T	UK38T	UK38T	UK38T	
K1/2		DIE SET				WK12						
K9/16		DIE SET				WK916		UK916T	UK916T	UK916T	UK916T	
K19/32		DIE SET				WK1932						
K5/81		DIE SET						UK581T	UK581T	UK581T	UK581T	
K11/16		DIE SET				WK1116		UK1116T	UK1116T	UK1116T	UK1116T	
K3/4		DIE SET						UK34T	UK34T	UK34T	UK34T	
K1		DIE SET						UK1T	UK1T	UK1T	UK1T	
K15/16		DIE SET						UK1516T	UK1516T	UK1516T	UK1516T	
K635		DIE SET				WK737		UK737T	UK737T	UK737T	UK737T	
K747		DIE SET				WK747						
K781		DIE SET				WK781						
K840		DIE SET				WK840		UK840T	UK840T	UK840T	UK840T	
KB		DIE SET				WKB		UKBT	UKBT	UKBT	UKBT	
KBKT		DIE SET						UKBKTT	UKBKTT	UKBKTT	UKBKTT	
KC		DIE SET						UKCT	UKCT	UKCT	UKCT	
KK		DIE SET				WKK						
KR		DIE SET	YELLOW								PYFR	
										SKR	PKR	
KT		DIE SET				WKT						
KU		DIE SET						UKUT	UKUT	UKUT	UKUT	
L		DIE SET				WL		UL	UL	UL	UL	
L80		DIE SET						U32XRT	U32XRT	U32XRT	U32XRT	
L99		DIE SET	PINK					U38XRT	U38XRT	U38XRT	U38XRT	
L115		DIE SET	YELLOW					U44XRT	U44XRT	U44XRT	U44XRT	
M		DIE SET						UM	UM	UM	UM	
N		DIE SET	RED					UYFN	UYFN	UYFN	UYFN	
								UN	UN	UN	UN	

See Footnotes at the beginning of chart

Installation Tool Index

PRESENT INSTALLATION TOOL INDEX (continued)

DIE GROOVE		DIE INFORMATION		DIELESS TOOLS		INSTALLATION TOOLING USING DIES						
BURNDY	EEI	TYPE	COLOR	MR, MY	444S / 644 Series	MD / PATMD Series	Y29BH	35 ① Series	750 ① Series	Y45 ②	46 ③ Series	60 Series
0		DIE SET	GREEN					UYFO	UYFO	UYFO	UYFO	
						Perm. GR WO		UO	UO	UO	UO	
Q		DIE SET				WQ						
R		DIE SET						UR	UR	UR	UR	
T		DIE SET								ST		
Z		DIE SET								SZ		
7 94		DIE SET	BLUE	MY293 MY2911	1 CRIMP	W5CRT		U5CRT	U5CRT	U5CRT	U5CRT	
		NEST					D6CL	U6CD1	U6CD1	U6CD1	U6CD1	
		INDENTOR					Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	
8 95		DIE SET	GRAY	MY293 MY2911	1 CRIMP	W4CRT		U4CRT	U4CRT	U4CRT	U4CRT	
		NEST					D4CL	U4CD1	U4CD1	U4CD1	U4CD1	
		INDENTOR					Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	
9 96		DIE SET	WHITE	MY293 MY2911	1 CRIMP	W3CRT		U3CRT	U3CRT	U3CRT	U3CRT	
		NEST					D3CL	U3CD1	U3CD1	U3CD1	U3CD1	
		INDENTOR					Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	
10 97		DIE SET	BROWN	MY293 MY2911	1 CRIMP	W2CRT		U2CRT	U2CRT	U2CRT	U2CRT	
		NEST					D2CL	U2CD1	U2CD1	U2CD1	U2CD1	
		INDENTOR					Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	
11 98		DIE SET	GREEN	MY293 MY2911	1 CRIMP	W1CRT1		U1CRT1	U1CRT1	U1CRT1	U1CRT1	
		NEST					D1CL	U1CD1	U1CD1	U1CD1	U1CD1	
		INDENTOR					Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	
12 99		DIE SET	PINK	MY293 MY2911	1 CRIMP	W25RT		U25RT	U25RT	U25RT	U25RT	
		NEST					D25L	U25D1	U25D1	U25D1	U25D1	
		INDENTOR					Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	
13 100		DIE SET	BLACK	MY293 MY2911	1 CRIMP	W26RT		U26RT	U26RT	U26RT	U26RT	
		NEST					D26L	U26D1	U26D1	U26D1	U26D1	
		INDENTOR					Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	
14 101		DIE SET	ORANGE	MY293 MY2911	1 CRIMP	W27RT		U27RT	U27RT	U27RT	U27RT	
		NEST					D27L	U27D1	U27D1	U27D1	U27D1	
		INDENTOR					Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	
15		DIE SET	PURPLE	MY293 MY2911	1 CRIMP	W28RT		U28RT	U28RT	U28RT	U28RT	
		NEST					D28L	U28D1	U28D1	U28D1	U28D1	
		INDENTOR					Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	
16		DIE SET	YELLOW	MY293 MY2911	1 CRIMP	W29RT ④		U29RT	U29RT	U29RT	U29RT	
		NEST					D29L		U29D1	U29D1	U29D1	
		INDENTOR					Y29PR		Y34PR	Y34PR	Y34PR	
17		DIE SET	WHITE		1 CRIMP	W30RT ④		U30RT	U30RT	U30RT	U30RT	L30RT
		NEST							U30D1	U30D1	U30D1	
		INDENTOR							Y34PR	Y34PR	Y34PR	

See Footnotes at the beginning of chart

PRESENT INSTALLATION TOOL INDEX (continued)

DIE GROOVE		DIE INFORMATION		DIELESS TOOLS		INSTALLATION TOOLING USING DIES						
BURNDY	EEI	TYPE	COLOR	MR, MY	444S / 644 Series	MD / PATMD Series	Y29BH	35 ① Series	750 ① Series	Y45 ②	46 ③ Series	60 Series
18		DIE SET	RED		1 CRIMP	W31RT ④		U31RT	U31RT	U31RT	U31RT	L31RT
		NEST							U31D1	U31D1	U31D1	
		INDENTOR							Y34PR	Y34PR	Y34PR	
19		DIE SET	BLUE		1 CRIMP	W32RT ④		U32RT	U32RT	U32RT	U32RT	L32RT
		NEST							U32D1	U32D1	U32D1	
		INDENTOR							Y34PR	Y34PR	Y34PR	
20		DIE SET	BROWN		1 CRIMP	W34RT ④		U34RT	U34RT	U34RT	U34RT	L34RT
		NEST							U34D1	U34D1	U34D1	
		INDENTOR							Y34PR	Y34PR	Y34PR	
21		DIE SET	YELLOW		1 CRIMP				U35RT	U35RT	U35RT	
		NEST										
		INDENTOR										
22		DIE SET	GREEN		1 CRIMP				U36RT	U36RT	U36RT	L36RT
		NEST									P36D	
		INDENTOR									P44PR	
23		DIE SET	ORANGE		1 CRIMP				U37RT	U37RT	U37RT	
		NEST										
		INDENTOR										
24		DIE SET	BLACK		1 CRIMP				U39RT	S39RT	P39RT	L39RT
		NEST									P39D	
		INDENTOR									P44PR	
25		DIE SET	ORANGE		1 CRIMP					S40RT	P40RT	
		NEST									P40D	
		INDENTOR									P44PR	
26		DIE SET	GOLD		1 CRIMP							
		NEST										
		INDENTOR										
27		DIE SET	WHITE		1 CRIMP					S44RT	P44RT	L44RT
		NEST									P44D	
		INDENTOR									P44PR	
29		DIE SET	YELLOW								P45RT	L45RT
		NEST										
		INDENTOR										
30		DIE SET	ORANGE									
		NEST										
		INDENTOR										
31		DIE SET	GREEN							S46RT	P46RT	L46RT
		NEST									No Nest	
		INDENTOR									P44PR	

See Footnotes at the beginning of chart

Installation Tool Index

PRESENT INSTALLATION TOOL INDEX (continued)

DIE GROOVE		DIE INFORMATION		DIELESS TOOLS		INSTALLATION TOOLING USING DIES						
BURNDY	EEI	TYPE	COLOR	MR, MY	444S / 644 Series	MD / PATMD Series	Y29BH	35 ① Series	750 ① Series	Y45 ②	46 ③ Series	60 Series
33		DIE SET	GRAY									L47RT
		NEST										
		INDENTOR										
34		DIE SET	BROWN									L48RT
		NEST										
		INDENTOR										
38		NEST		MR89Q MY28 Y8MRB1			DV8L	UV8L	UV8L	UV8L	UV8L	
		INDENTOR					Y29PL	Y34PL	Y34PL	Y34PL	Y34PL	
39		NEST		MY28	1 CRIMP		DV6L	UV6L	UV6L	UV6L	UV6L	
		INDENTOR					Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	
40		NEST		MY28			DV4L	UV4L	UV4L	UV4L	UV4L	
		INDENTOR					Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	
41		NEST		MY28			DV2L	UV2L	UV2L	UV2L	UV2L	
		INDENTOR					Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	
42		NEST		MY28			DV1L	UV1L	UV1L	UV1L	UV1L	
		INDENTOR					Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	
43		NEST		MY28			DV25L	UV25L	UV25L	UV25L	UV25L	
		INDENTOR					Y29PL	Y34PA	Y34PA	Y34PA	Y34PA	
44		NEST		MY28			DV26L	UV26L	UV26L	UV26L	UV26L	
		INDENTOR					Y29PL	Y34PA	Y34PA	Y34PA	Y34PA	
45		NEST		MY28				UV27L	UV27L	UV27L	UV27L	
		INDENTOR						Y34PA	Y34PA	Y34PA	Y34PA	
46		NEST		MY28				UV28L	UV28L	UV28L	UV28L	
		INDENTOR						Y34PA	Y34PA	Y34PA	Y34PA	
49		DIE SET	RED			W8CRT		U8CRT	U8CRT	U8CRT	U8CRT	
161		DIE SET				W161		U161	U161	U161	U161	
162		DIE SET				W162		U162	U162	U162	U162	
163 505		DIE SET				W163		U163	U163	U163	U163	
164 275		DIE SET				W164		U164	U164	U164	U164	
165 205 287 339		DIE SET				W165		U165/U205	U165/U205	U165/U205	U165/U205	L165
166 206 459		DIE SET				W166		U166/U459	U166/U459	U166/U459	U166/U459	L166
167 207 211 256 568		DIE SET				W167		U167/U568	U167/U568	U167/U568	U167/U568	L167
168 208		DIE SET						U168	U168	U168	U168	L168
169		DIE SET						U169	U169	U169	U169	L169
170 306		DIE SET						U170	U170	U170	U170	L170

See Footnotes at the beginning of chart

PRESENT INSTALLATION TOOL INDEX (continued)

DIE GROOVE		DIE INFORMATION		DIELESS TOOLS		INSTALLATION TOOLING USING DIES						
BURNDY	EEI	TYPE	COLOR	MR, MY	444S / 644 Series	MD / PATMD Series	Y29BH	35 ① Series	750 ① Series	Y45 ②	46 ③ Series	60 Series
171		DIE SET				W171		U171	U171	U171	U171	
193		DIE SET						U193	U193	U193	U193	L193
202		DIE SET						U202	U202	U202	U202	
203		DIE SET						U203	U203	U203	U203	
204		DIE SET						U204	U204	U204	U204	
205 165 287 339		DIE SET				W165		U165/U205	U165/U205	U165/U205	U165/U205	L165
206 166 459		DIE SET				W166		U166/U459	U166/U459	U166/U459	U166/U459	L166
207 167 211 256 568		DIE SET				W167		U167/U568	U167/U568	U167/U568	U167/U568	L167
208 168		DIE SET						U168	U168	U168	U168	L168
209		DIE SET						U209	U209	U209	U209	L209
210		DIE SET						U210	U210	U210	U210	L210
211 167 256 568		DIE SET				W167		U167/U568	U167/U568	U167/U568	U167/U568	L167
236		DIE SET				W236		U236	U236	U236	U236	
237		DIE SET				W237		U237	U237	U237	U237	
238		DIE SET				W238		U238	U238	U238	U238	
239		DIE SET				W239		U239	U239	U239	U239	
240		DIE SET	RED			W240		U240	U240	U240	U240	
241		DIE SET				W241		U241	U241	U241	U241	
242 244	3S/4S	DIE SET				W242		U242	U242	U242	U242	L242
243		DIE SET				W243		U243	U243	U243	U243	L243
244 242	3S/4S	DIE SET				W242		U242	U242	U242	U242	L242
245	9A	DIE SET				W245		U245	U245	U245	U245	L245
246 248	5S	DIE SET				W248		U248	U248	U248	U248	L248
247		DIE SET				W247		U247	U247	U247	U247	L247
248 246	5S	DIE SET				W248		U248	U248	U248	U248	L248
249	11A	DIE SET				W249		U249	U249	U249	U249	L249
250		DIE SET						U250	U250	U250	U250	L250
251	12A	DIE SET	RED			W251		U251	U251	U251	U251	L251
252		DIE SET						U252	U252	U252	U252	L252
253		DIE SET						U253	U253	U253	U253	L253
254		DIE SET								S254	P254	L254
255		DIE SET						U255	U255	U255	U255	L255
256 167 207 211 568		DIE SET				W167		U167/U567	U167/U567	U167/U567	U167/U567	L167
257		DIE SET						U257	U257	U257	U257	L257
259		DIE SET						U259	U259	U259	U259	

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Installation Tool Index

PRESENT INSTALLATION TOOL INDEX (continued)

DIE GROOVE		DIE INFORMATION		DIELESS TOOLS		INSTALLATION TOOLING USING DIES						
BURNDY	EEI	TYPE	COLOR	MR, MY	444S / 644 Series	MD / PATMD Series	Y29BH	35 Series	750 Series	Y45 ②	46 ③ Series	60 Series
260		DIE SET										L260
261 318	15A	DIE SET						U261	U261	U261	U261	L261
263		DIE SET						U263	U263	U263	U263	
267		DIE SET						U267	U267	U267	U267	L267
275 164		DIE SET				W164		U164	U164	U164	U164	
276		DIE SET						U276	U276	U276	U276	
285		DIE SET						U285	U285	U285	U285	
287 165 205 339		DIE SET				W165		U165/U205	U165/U205	U165/U205	U165/U205	L165
292 578		DIE SET								S292	P292	L292
293 294		DIE SET										L293
296		DIE SET	TAN	MY293	1 CRIMP			U25ART	U25ART	U25ART	U25ART	
		NEST								P27D		
		INDENTOR								P34PR5		
297		DIE SET	OLIVE	MY293	1 CRIMP			U26ART	U26ART	U26ART	U26ART	
		NEST								P29D		
		INDENTOR								P34PR5		
298		DIE SET	WHITE	MY293	1 CRIMP			U28ART	U28ART	U28ART	U28ART	
		NEST									P31D	
		INDENTOR									Y45PR5	
299		DIE SET	BROWN		1 CRIMP			U31ART	U31ART	U31ART	U31ART	L31ART
		NEST									P35D	
		INDENTOR									P48PR1	
300		DIE SET	PINK		1 CRIMP			U34ART	U34ART	U34ART	U34ART	L34ART
		NEST									P39D	
		INDENTOR									P48PR1	
301		DIE SET	RED		1 CRIMP					S39ART	P39ART	L39ART
		NEST									P45D	
		INDENTOR									P48PR1	
302		DIE SET	BROWN		1 CRIMP ☐					S44ART	P44ART	L44ART
		NEST									No Nest	
		INDENTOR									P48PR1	
303		DIE SET	GRAY		2 CRIMPS			U42ART	U42ART	U42ART	U42ART	
304		DIE SET						U304	U304	U304	U304	L304
305 341		DIE SET						U305	U305	U305	U305	L305
306 170		DIE SET						U170	U170	U170	U170	L170
308		DIE SET						U308	U308	U308	U308	
313		DIE SET						U313	U313	U313	U313	L313

See Footnotes at the beginning of chart

PRESENT INSTALLATION TOOL INDEX (continued)

DIE GROOVE		DIE INFORMATION		DIELESS TOOLS		INSTALLATION TOOLING USING DIES						
BURNDY	EEI	TYPE	COLOR	MR, MY	444S / 644 Series	MD / PATMD Series	Y29BH	35 ① Series	750 ① Series	Y45 ②	46 ⑤ Series	60 Series
314 376		DIE SET										L314
316		DIE SET						U316	U316	U316	U316	L316
317 426		DIE SET						U317	U317	U317	U317	L317
318 261		DIE SET						U261	U261	U261	U261	L261
319		DIE SET								S319	P319	L319
320		DIE SET								S320	P320	L320
321		DIE SET						U321	U321	U321	U321	L321
322		DIE SET						U322	U322	U322	U322	
324		DIE SET	RED		1 CRIMP			U29ART	U29ART	U29ART	U29ART	L29ART
		NEST									P32D	
		INDENTOR									P34PR5	
326 538		DIE SET						U33RT	U33RT	U33RT	U33RT	
327	14A	DIE SET						U327	U327	U327	U327	L327
328		DIE SET										L328
329		DIE SET						U329	U329	U329	U329	
331		DIE SET						U331	U331	U331	U331	
339 165 205 287		DIE SET						U165/U205	U165/U205	U165/U205	U165/U205	L165
341 305		DIE SET						U305	U305	U305	U305	L305
342		DIE SET								S342	P342	L342
344		DIE SET										L344
345		DIE SET										L345
346 ⑤		DIE SET	GRAY		1 CRIMP			U6CABT	U6CABT	U6CABT	U6CABT	
348		DIE SET	PINK		1 CRIMP			U2CABT	U2CABT	U2CABT	U2CABT	
350		DIE SET						U350	U350	U350	U350	L350
352		DIE SET								S352	P352	L352
373		DIE SET						U373	U373	U373	U373	
374		DIE SET	BLUE	MY293				U8CABT	U8CABT	U8CABT	U8CABT	
375		DIE SET	GREEN	MY293	1 CRIMP			U4CABT	U4CABT	U4CABT	U4CABT	
376 314		DIE SET										L314
400		DIE SET	PINK					U38RT	U38RT	U38RT	U38RT	
403		DIE SET						U403	U403	U403	U403	
419		DIE SET								S419	P419	L419
422		DIE SET										L422
426 317		DIE SET						U317	U317	U317	U317	
459 166		DIE SET						U166/U459	U166/U459	U166/U459	U166/U459	
467		DIE SET	RUBY	MY293	1 CRIMP			U27ART	U27ART	U27ART	U27ART	
		NEST									P30D	
		INDENTOR									P34PR5	

See Footnotes at the beginning of chart

Installation Tool Index

PRESENT INSTALLATION TOOL INDEX (continued)

DIE GROOVE		DIE INFORMATION		DIELESS TOOLS		INSTALLATION TOOLING USING DIES						
BURNDY	EEI	TYPE	COLOR	MR, MY	444S / 644 Series	MD / PATMD Series	Y29BH	35 ① Series	750 ① Series	Y45 ②	46 ③ Series	60 Series
468		DIE SET						U468	U468	U468	U468	
469		DIE SET								S469	P469	L469
470		DIE SET	BLUE		1 CRIMP			U30ART	U30ART	U30ART	U30ART	L30ART
		NEST									P34D	
		INDENTOR									P48PR1	
471		DIE SET	GOLD	MY293	1 CRIMP			U1CART	U1CART	U1CART	U1CART	
		NEST										
		INDENTOR										
472		DIE SET	GREEN		1 CRIMP			U32ART	U32ART	U32ART	U32ART	L32ART
		NEST									P35D	
		INDENTOR									P48PR1	
473		DIE SET	BLACK		1 CRIMP			U36ART	U36ART	U36ART	U36ART	L36ART
		NEST									P44D	
		INDENTOR									P48PR1	
474		DIE SET	GOLD		1 CRIMP					S40ART	P40ART	L40ART
		NEST										
		INDENTOR										
478		DIE SET	BLUE									L46ART
		NEST										
		INDENTOR										
479		DIE SET	RED									L48ART
490 547		DIE SET						U490	U490	U490	U490	L490
495		DIE SET										L495
505 163		DIE SET				W163		U163	U163	U163	U163	L163
511		NEST INDENTOR		MY293								
512		NEST INDENTOR		MY293								
513		NEST INDENTOR		MY293								
514		NEST INDENTOR		MY293								
515		NEST INDENTOR		MY293								
516		NEST INDENTOR		MY293								
517		NEST INDENTOR		MY293								
518		NEST INDENTOR		MY293								
519		NEST INDENTOR		MY293								

See Footnotes at the beginning of chart

PRESENT INSTALLATION TOOL INDEX (continued)

DIE GROOVE		DIE INFORMATION		DIELESS TOOLS		INSTALLATION TOOLING USING DIES						
BURNDY	EEI	TYPE	COLOR	MR, MY	444S / 644 Series	MD / PATMD Series	Y29BH	35 ① Series	750 ① Series	Y45 ②	46 ⑤ Series	60 Series
520		NEST INDENTOR		MY293								
538 326		DIE SET						U33RT	U33RT	U33RT	U33RT	
547 490		DIE SET						U490	U490	U490	U490	L490
552		DIE SET						U552	U552	U552	U552	
568 167 207 211 256		DIE SET				W167		U167/U568	U167/U568	U167/U568	U167/U568	
575		DIE SET										L575
576		DIE SET										L576
578 292		DIE SET								S292	P292	L292
579		DIE SET								S579	P579	L579
587		DIE SET										L47ART
607		DIE SET						U607	U607	U607	U607	
608		DIE SET						U608	U608	U608	U608	L608
609		DIE SET						U609	U609	U609	U609	
627		DIE SET										L627
642		DIE SET						U642	U642	U642	U642	L642
643		DIE SET						U643	U643	U643	U643	
647 ⑥		DIE SET										L45ART
648		DIE SET										L648
654		DIE SET	PURPLE					U654	U654	U654	U654	L654
655	13A	DIE SET						U655	U655	U655	U655	
658		DIE SET						U658	U658	U658	U658	
659		DIE SET				W659		U659	U659	U659	U659	
660		DIE SET				W660		U660	U660	U660	U660	
667		DIE SET										L667
668		DIE SET						U668	U668	U668	U668	
676		DIE SET						U676	U676	U676	U676	
677		DIE SET						U677	U677	U677	U677	L677
678		DIE SET						U678	U678	U678	U678	
679		DIE SET						U679	U679	U679	U679	
684		DIE SET										L684
687		DIE SET				W687						
690	1S	DIE SET				W690		U690	U690	U690	U690	
691	2S	DIE SET				W691		U691	U691	U691	U691	
692	4S	DIE SET				W692		U692	U692	U692	U692	
693	6A	DIE SET				W693		U693	U693	U693	U693	
694	10A	DIE SET				W694		U694	U694	U694	U694	

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PRESENT INSTALLATION TOOL INDEX (continued)

DIE GROOVE		DIE INFORMATION		DIELESS TOOLS		INSTALLATION TOOLING USING DIES						
BURNDY	EEI	TYPE	COLOR	MR, MY	444S / 644 Series	MD / PATMD Series	Y29BH	35 ① Series	750 ① Series	Y45 ②	46 ③ Series	60 Series
702		DIE SET				W702						
705		DIE SET						U705	U705	U705	U705	
717 ⑤		DIE SET								S717	P717	L717/L717W
718 ⑤		DIE SET										L718
719 ⑤		DIE SET								S719	P719	L719/L719W
720 ⑤		DIE SET								S720	P720	L720/ L720W
721 ⑤		DIE SET										L721
722 ⑤		DIE SET								S722	P722	L722/ L722W
723 ⑤		DIE SET										L723
724		DIE SET								S724	P724	L724/ L724W
725 ⑤		DIE SET								S725	P725	L725/ L725W
726 ⑤		DIE SET										L726
727 ⑤		DIE SET										L727/ L727W
728 ⑤		DIE SET										L728/ L728W
729 ⑤		DIE SET										L729/ L729W
735 ⑤		DIE SET										L735/ L735W
740 ⑤		DIE SET										L740
786		DIE SET						U786	U786	U786	U786	
788		DIE SET						U788	U788	U788	U788	
789		DIE SET										L789
936 ⑤		DIE SET	YELLOW		1 CRIMP			U39ART2	U39ART2	U39ART2	U39ART2	L39ART2
997		DIE SET	ORANGE					U997	U997	U997	U997	
998		DIE SET							PU998	S998	P998	
999		DIE SET								S999	P999	
1011		DIE SET							U1011	S1011	P1011	
1012		DIE SET								S1012		
1013		NEST		MY2911				UV8L	UV8L	UV8L	UV8L	
		INDENTOR						Y34PL	Y34PL	Y34PL	Y34PL	
1014		NEST		MY2911				U6CD1	U6CD1	U6CD1	U6CD1	
		INDENTOR						Y34PR	Y34PR	Y34PR	Y34PR	
1015		NEST		MY2911				U4CD1	U4CD1	U4CD1	U4CD1	
		INDENTOR						Y34PR	Y34PR	Y34PR	Y34PR	
1016		NEST		MY2911				U3CD1	U3CD1	U3CD1	U3CD1	
		INDENTOR						Y34PR	Y34PR	Y34PR	Y34PR	

See Footnotes at the beginning of chart

BURNDY

PRESENT INSTALLATION TOOL INDEX (continued)

DIE GROOVE		DIE INFORMATION		DIELESS TOOLS		INSTALLATION TOOLING USING DIES						
BURNDY	EEI	TYPE	COLOR	MR, MY	444S / 644 Series	MD / PATMD Series	Y29BH	35 ① Series	750 ① Series	Y45 ②	46 ③ Series	60 Series
1017		NEST		MY2911				U2CD1	U2CD1	U2CD1	U2CD1	
		INDENTOR						Y34PR	Y34PR	Y34PR	Y34PR	
1018		NEST		MY2911				U1CD1	U1CD1	U1CD1	U1CD1	
		INDENTOR						Y34PR	Y34PR	Y34PR	Y34PR	
1019		NEST		MY2911				U25D1	U25D1	U25D1	U25D1	
		INDENTOR						Y34PR2	Y34PR2	Y34PR2	Y34PR2	
1020		NEST		MY2911				U26D1	U26D1	U26D1	U26D1	
		INDENTOR						Y34PR2	Y34PR2	Y34PR2	Y34PR2	
1021		NEST		MY2911				U27D1	U27D1	U27D1	U27D1	
		INDENTOR						Y34PR2	Y34PR2	Y34PR2	Y34PR2	
1022		NEST		MY2911				U28D1	U28D1	U28D1	U28D1	
		INDENTOR						Y34PR2	Y34PR2	Y34PR2	Y34PR2	
1023		NEST		MY2911				U29D1	U29D1	U29D1	U29D1	
		INDENTOR						Y34PR2	Y34PR2	Y34PR2	Y34PR2	
1024		NEST						U30D1	U30D1	U30D1	U30D1	
		INDENTOR						Y34PR2	Y34PR2	Y34PR2	Y34PR2	
1025		NEST						U31D1	U31D1	U31D1	U31D1	
		INDENTOR						Y34PR2	Y34PR2	Y34PR2	Y34PR2	
1026		NEST						U32D1	U32D1	U32D1	U32D1	
		INDENTOR						Y34PR2	Y34PR2	Y34PR2	Y34PR2	
1027		NEST						U34D1	U34D1	U34D1	U34D1	
		INDENTOR						Y34PR2	Y34PR2	Y34PR2	Y34PR2	
1028		NEST									P36D	
		INDENTOR									Y48PR1	
1029		NEST									P38D	
		INDENTOR									P48PR1	
1030		NEST									P39D	
		INDENTOR									P48PR1	
1031		NEST									P40D	
		INDENTOR									P48PR1	
1032		NEST									P44D	
		INDENTOR									P48PR1	
1102		DIE SET	WHITE								P1102	
1103		DIE SET	BLUE								P1103	
1104		DIE SET	BROWN						U1104		P1104	
1105		DIE SET							U1105		P1105	
2000		NEST						U27B	U27B	U27B		
		INDENTOR						Y34PR15	Y34PR15	Y34PR15		

See Footnotes at the beginning of chart

BURNDY Tool Service Gets It Done!

GET IT FIXED

Tools repaired at our Littleton, NH facility, or any of our authorized warranty repair centers, receive a one-year warranty at the time of servicing. This warranty is issued regardless of the age of the tool returned.

GET A REPLACEMENT

- Returned tools 1) beyond economic repair, or 2) discontinued and no longer repairable, can be replaced directly through the factory at a discounted price.
- Replacement tools are brand new and carry a new tool warranty.

GET A LOANER

- Tools are available for up to 60 days at no charge.
- Coverage during the repair of a returned tool and urgent customer needs, as available.

GET CALIBRATED

- Tool calibration can be factory checked for a flat fee of $100.00.
- Calibrated tools will be returned with test data and a certificate of compliance.

GET TRAINED

- Tool repair training is offered at the factory in Littleton, NH at no charge.
- Hands-on and individualized to accommodate specific customer needs and schedules.
- On-site training and calibration options also available.

GET TECHNICAL

- Call 603-444-6781 or 800-426-8720 (toll-free) for any tooling related questions.
- Technical assistance is available for servicing and calibration questions. Talk directly with a service manager or senior service technician.

BURNDY® tools are designed, tested and assembled in the U.S. and most carry a 5-year limited warranty. Our PATRIOT® line of battery tools also have a lifetime warranty on the INFINITY DRIVE® transmission.

THE POWER OF OUR PEOPLE

WE ARE WHERE YOU ARE, WHEN YOU NEED US

CUSTOMER SERVICE (24/7/365)

U.S.-based BURNDY Customer Service Professionals provide live assistance. Our customers have access to on-call 24/7 emergency support and an emergency response team equipped to initiate deliveries immediately.

FACTORY DIRECT SALES REPRESENTATIVES

With BURNDY Factory Direct Sales Representatives, you have open lines of communication with engineers, product managers, and technical service specialists to ensure that you have the best products for your applications.

INDUSTRY STANDARD COMMITTEE MEMBERS

BURNDY has representation on a wide variety of industry standard committees, such as NEMA, IEEE, CSA, UL, ANSI and IEC, and others, ensuring that our products are manufactured in accordance with these stringent industry standards.

SERVICE TO THE WEST COAST

BURNDY provides extended hours to service the West Coast. Live, New Hampshire-based BURNDY Customer Service Professionals answer your questions from 8 AM to 8 PM Eastern, Monday through Friday. BURNDY can also ship products to the West Coast until 7 PM Eastern.

STORM STOCK SERVICES — WE NEVER POWER DOWN!

Call BURNDY 24/7/365 at 800-346-4175 and press 2 to reach our Storm Emergency & Power Failure mailbox.*

Leave a voicemail message with the following information:

1. Name and Company Name
2. Phone Number
3. Catalog Number and Quantity
4. Nature of your emergency

A message in the Storm Emergency & Power Failure mailbox will activate the BURNDY Response Team. Within an hour, you will receive a call back from a BURNDY Customer Service Representative. Simultaneously, a distribution center person will be contacted to arrange for the shipping of the products ordered.

*Freight arrangements are the responsibility of the requester.

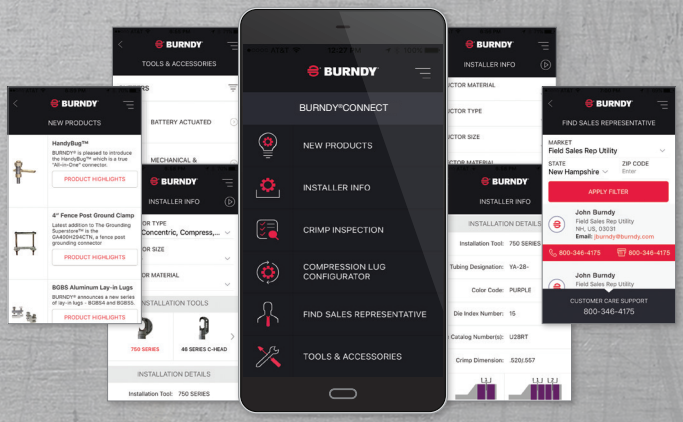
Hubbell USA
47 East Industrial Park Drive
Manchester, NH 03109
www.hubbell.com/burndy
1-800-346-4175 | 1-603-647-5000

Hubbell Canada
870 Brock Road South
Pickering, Ontario, Canada
L1W 1Z8
www.hubbell.ca
serviceexcellence@hubbell.ca
1-800-465-7051

Hubbell Mexico
011-52-722-265-4400

Tool Repair Center
1-800-426-8720

Technical Service
603-647-5019 | 1-800-451-4956



BURNDY® CONNECT

You can have BURNDY® in the palm of your hand. The BURNDY® Connect app allows installers, inspectors, contractors, distributors and sales representatives access to real answers in real time. Correct crimping procedures, easily identified connectors, proper tooling choices, new products to market and much more are at your fingertips.

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