



GREENLEE®

A Textron Company

**TRUSTED
SINCE
1862**




FULL LINE CATALOG



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MADE FOR THE TRADE!™



FOR OVER 150 YEARS THE GREENLEE  HAS STOOD AS A SIGN OF QUALITY, INNOVATION, AND WORKFORCE EFFICIENCY. WE PROUDLY PLACE THIS LOGO ON OUR PRODUCTS SO YOU CAN BE SURE THAT THE GREENLEE TOOL YOU'RE USING WAS DESIGNED, TESTED AND MANUFACTURED TO GET THE JOB DONE FASTER, SAFER, AND EASIER™.

WHETHER IT'S NEW TECHNOLOGY, PROFESSIONAL GRADE MATERIALS, OR INNOVATIVE DESIGN, TRADE PROFESSIONALS DEPEND ON GREENLEE TOOLS TO DELIVER CUSTOMER-FOCUSED INNOVATION AND JOB SITE EFFICIENCY EVERY TIME. FOR OVER 150 YEARS, GREENLEE TOOLS HAVE HELPED PROFESSIONALS WORLDWIDE ACROSS ELECTRICAL, UTILITY, COMMUNICATIONS, PLUMBING AND PIPEFITTING GET THE JOB DONE FASTER, SAFER, AND EASIER™.

THIS CATALOG FEATURES A SELECTION OF TOOLS DESIGNED WITH THE TRADESPERSON IN MIND. PUNCH UP TO 3X FASTER WITH THE NEW SPEED PUNCH™ SYSTEM (P.60). PROGRAM BENDS IN UNDER ONE MINUTE WITH THE 855GX INTELLIBENDER™ (P.151). ENSURE CRIMPS ARE MADE TO EXACT SPECIFICATIONS WITH OUR INTELLICRIMP™ GATOR® BRAND TOOLS (P.222), AND MUCH MORE.

CONTACT GREENLEE TO FIND OUT FIRSTHAND HOW PROFESSIONAL, LONG-LASTING, AND INNOVATIVE TOOLS CAN HELP IMPROVE YOUR PERFORMANCE ON THE JOBSITE.



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**NEW
PRODUCT**

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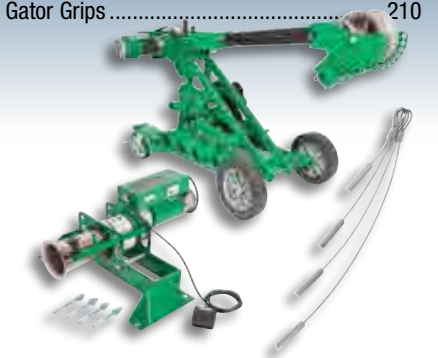
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HAND TOOLS

FROM SAFE, INSULATED TOOLS TO SCREW-HOLDING DRIVERS, HEX KEYS AND PLIERS, GREENLEE HAND TOOLS ARE DESIGNED BY PROFESSIONAL ELECTRICIANS, BACKED BY A LIMITED LIFETIME WARRANTY, AND MADE FOR THE TRADE™



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PLIERS

High Leverage Side-Cutting Pliers



- High Leverage design provides 46% greater cutting and gripping power than standard plier designs.
- Forged from chrome vanadium steel for greater strength and long life of the whole plier.
- Laser hardened cutting knives keep edge and last longer than induction hardened knives. Designed to provide long life even when cutting hardened wire, ACSR, screws, bolts and nails.
- Tempered handles help to absorb the 'snap' and reduce fatigue when cutting through hardened wire, bolts and screws.
- Diamond serrated jaws for superior gripping power.
- Exceeds ASME/ANSI specifications.
- Note: this is not an insulated tool.
- Lifetime limited warranty.

Stripping Pliers (0151-09SM and 0151-09SD)

- Stripping hole allows stripping of #12 AGW solid wire. Looping and bending hole forms wire for connections.

Crimping Pliers

- Crimping die for non-insulated and insulated connectors, lugs, and terminals.

Fish Tape Pulling Pliers

- Pulls 1/8" and 1/4" fish tape

Thread Cleaning Pliers

- Cleans threads on 5/8" bolts



0151-09SM

MOLDED GRIP

- Slip-proof, ergonomic molded grips and flared handles for increased comfort and reduced fatigue.
- Location of handle ridge allows the user to "choke up" for greater control.

MOLDED GRIP PLIERS

| CAT. NO. | UPC | DESCRIPTION | OVERALL LENGTH | WEIGHT |
|-----------|-------|--|------------------|--------------------|
| 0151-08M | 54701 | High Leverage Side-cutting Pliers 8" molded grip | 8-1/2" (21.6 cm) | .87 lbs. (.04 kg) |
| 0151-09M | 54702 | High Leverage Side-cutting Pliers 9" molded grip | 9-3/8" (23.8 cm) | 1.13 lbs. (.51 kg) |
| 0151-09CM | 13488 | Crimping Pliers 9" molded grip | 9-3/8" (23.8 cm) | 1.13 lbs. (.51 kg) |
| 0151-09FM | 89265 | Fish Tape Pulling Pliers 9" molded grip | 9-3/8" (23.8 cm) | 1.13 lbs. (.51 kg) |
| 0151-09SM | 89264 | High Leverage Side-cutting Pliers W/ Stripping Hole 9" molded grip | 9-3/8" (23.8 cm) | 1.13 lbs. (.51 kg) |



NEW PRODUCT

0151-09TD

DIPPED GRIP

- Double layered vinyl handles for comfort and slip resistance.
- Reduced handle size allows for easy storage of tools in pouches and tool bags.

DIPPED GRIP PLIERS

| CAT. NO. | UPC | DESCRIPTION | OVERALL LENGTH | WEIGHT |
|-----------|-------|--|------------------|--------------------|
| 0151-08D | 89263 | High Leverage Side-cutting Pliers 8" dipped grip | 8-1/2" (21.6 cm) | .87 lbs. (.04 kg) |
| 0151-09D | 89250 | High Leverage Side-cutting Pliers 9" dipped grip | 9-3/8" (23.8 cm) | 1.13 lbs. (.51 kg) |
| 0151-09CD | 13487 | Crimping Pliers 9" dipped grip | 9-3/8" (23.8 cm) | 1.13 lbs. (.51 kg) |
| 0151-09FD | 89262 | Fish Tape Pulling Pliers 9" dipped grip | 9-3/8" (23.8 cm) | 1.13 lbs. (.51 kg) |
| 0151-09SD | 89262 | High Leverage Side-cutting Pliers W/ Stripping Hole 9" dipped grip | 9-3/8" (23.8 cm) | 1.13 lbs. (.51 kg) |
| 0151-09TD | 89914 | 9" Side Cutting Pliers with Thread Cleaning Grooves | 9-3/8" (23.8 cm) | 1.13 lbs. (.51 kg) |



Diagonal Cutting Pliers



- High Leverage design provides greater cutting power than standard plier designs.
- Forged from chrome vanadium steel for greater strength and long life of the whole plier.
- Laser hardened cutting knives keep edge and last longer than induction hardened knives. Designed to provide long life even when cutting hardened wire, ACSR, screws, bolts and nails.
- Tempered handles help to absorb the 'snap' and reduce fatigue when cutting through hardened wire, bolts and screws.
- Exceeds ASME/ANSI specifications.
- Note: this is not an insulated tool.
- Lifetime limited warranty.



Angled Head Pliers (0251-08AM and 0251-08AD)

- Angled head design allows for easy work in confined areas



MOLDED GRIP

- Slip-proof, ergonomic molded grips and flared handles for increased comfort and reduced fatigue.
- Location of handle ridge allows the user to "choke up" for greater control.

MOLDED GRIP PLIERS

| CAT. NO. | UPC NO. | DESCRIPTION | OVERALL | |
|-----------|---------|---|------------------|-------------------|
| | | | LENGTH | WEIGHT |
| 0251-05M | 54736 | Diagonal Cutting Pliers 5" Mini molded grip | 5-1/2" (14.0 cm) | .28 lbs. (.13 kg) |
| 0251-06M | 54737 | Diagonal Cutting Pliers 6" molded grip | 6-1/8" (15.5 cm) | .35 lbs. (.16 kg) |
| 0251-07M | 54738 | High Leverage Diagonal Cutting Pliers 7" molded grip | 7" (17.8 cm) | .57 lbs. (.26 kg) |
| 0251-08M | 54739 | High Leverage Diagonal Cutting Pliers 8" molded grip | 8-3/4" (22.2 cm) | .85 lbs. (.39 kg) |
| 0251-08AM | 54740 | High Leverage Diagonal Cutting Pliers 8" angled molded grip | 8-3/4" (22.2 cm) | .85 lbs. (.39 kg) |



DIPPED GRIP

- Double layered vinyl handles for comfort and slip resistance.
- Reduced handle size allows for easy storage of tools in pouches and tool bags.

DIPPED GRIP PLIERS

| CAT. NO. | UPC NO. | DESCRIPTION | OVERALL | |
|-----------|---------|---|------------------|-------------------|
| | | | LENGTH | WEIGHT |
| 0251-05D | 89257 | Diagonal Cutting Pliers 5" Mini dipped grip | 5-1/2" (14.0 cm) | .28 lbs. (.13 kg) |
| 0251-06D | 89256 | Diagonal Cutting Pliers 6" dipped grip | 6-1/8" (15.5 cm) | .35 lbs. (.16 kg) |
| 0251-07D | 89255 | High Leverage Diagonal Cutting Pliers 7" dipped grip | 7" (17.8 cm) | .57 lbs. (.26 kg) |
| 0251-08D | 89254 | High Leverage Diagonal Cutting Pliers 8" dipped grip | 8-3/4" (22.2 cm) | .85 lbs. (.39 kg) |
| 0251-08AD | 89258 | High Leverage Diagonal Cutting Pliers 8" angled dipped grip | 8-3/4" (22.2 cm) | .85 lbs. (.39 kg) |

Long Nose Side Cutting and Stripping Pliers



- Forged from chrome vanadium steel for greater strength and long life of the whole plier.
- Laser hardened cutting knives keep edge and last longer than induction hardened knives. Designed to provide long life even when cutting hardened wire.
- Serrated jaws for stronger gripping power.
- Exceeds ASME/ANSI specifications.
- Note: this is not an insulated tool.
- Lifetime limited warranty.

Wire Stripping Pliers (0351-08SM and 0251-08SD)

- Stripping hole allows stripping of #12 AWG solid wire.




0351-08M

MOLDED GRIP

- Slip proof, ergonomic molded grips and flared handles for increased comfort and reduced fatigue.
- Location of handle ridge allows the user to "choke up" for greater control.

MOLDED GRIP PLIERS

| CAT. NO. | UPC NO. | DESCRIPTION | OVERALL | |
|---|---------|---|----------------------|----------------------|
| | | | LENGTH | WEIGHT |
| 0351-06M | 54717 | Long Nose Pliers/Side Cutting 6" molded grip | 6-5/8" (16.8 cm) | .27 lbs. (.12 kg) |
| 0351-07M | 54718 | Long Nose Pliers/Side Cutting 7" molded grip | 7-1/8" (18.1 cm) | .30 lbs. (.14 kg) |
| 0351-08M | 54719 | Long Nose Pliers/Side Cutting 8" molded grip | 8-9/16" (21.7 cm) | .64 lbs. (.29 kg) |
|  0351-08SM | 20958 | Long Nose Pliers/Stripping 8" molded grip | 8-9/16" (21.7 cm) | .64 lbs. (.29 kg) |




0351-08SD

DIPPED GRIP

- Double layered vinyl handles for comfort and slip resistance.
- Reduced handle size allows for easy storage of tools in pouches and tool bags.

DIPPED GRIP PLIERS

| CAT. NO. | UPC NO. | DESCRIPTION | OVERALL | |
|---|---------|---|----------------------|----------------------|
| | | | LENGTH | WEIGHT |
| 0351-06D | 89253 | Long Nose Pliers/Side Cutting 6" dipped grip | 6-5/8" (16.8 cm) | .27 lbs. (.12 kg) |
| 0351-07D | 89252 | Long Nose Pliers/Side Cutting 7" dipped grip | 7-1/8" (18.1 cm) | .30 lbs. (.14 kg) |
| 0351-08D | 89251 | Long Nose Pliers/Side Cutting 8" dipped grip | 8-9/16" (21.7 cm) | .64 lbs. (.29 kg) |
|  0351-08SD | 20957 | Long Nose Pliers/Stripping 8" dipped grip | 8-9/16" (21.7 cm) | .64 lbs. (.29 kg) |

Pump Pliers



- Forged from chrome vanadium steel for greater strength and long life of the whole tool.
- Precision-machined and hardened teeth for durability and long life.
- Right-angled teeth for assured gripping power from both directions.
- Exceeds ASME/ANSI specifications.
- Note: This is not an insulated tool.
- Lifetime limited warranty.



0451-10M



MOLDED GRIP

- Slip proof, ergonomic molded grips and flared handles for increased comfort and reduced fatigue.
- Location of handle ridge allows the user to "choke up" for greater control.

MOLDED GRIP PLIERS

| CAT. NO. | UPC NO. | DESCRIPTION | JAW CAPACITY | ADJUSTMENT GROOVES | OVERALL LENGTH | WEIGHT |
|----------|---------|--------------------------------|--------------------|--------------------|------------------|-----------------------|
| 0451-10M | 54709 | Pump Pliers 10" molded grip | 2" (5.1 cm) | 7 | 10" (25.4 cm) | .83 lbs. (.38 kg) |
| 0451-12M | 54744 | Pump Pliers 12" molded grip | 2-1/4" (5.7 cm) | 7 | 12" (30.5 cm) | 1.29 lbs. (.59 kg) |



0451-16D



DIPPED GRIP

- Double layered vinyl handles for comfort and slip resistance.
- Reduced handle size allows for easy storage of tools in pouches and tool bags

MOLDED GRIP PLIERS

| CAT. NO. | UPC NO. | DESCRIPTION | JAW CAPACITY | ADJUSTMENT GROOVES | OVERALL LENGTH | WEIGHT |
|----------|---------|--------------------------------|---------------------|--------------------|------------------|-----------------------|
| 0451-10D | 89259 | Pump Pliers 10" dipped grip | 2" (5.1 cm) | 7 | 10" (25.4cm) | .83 lbs. (.38 kg) |
| 0451-12D | 89260 | Pump Pliers 12" dipped grip | 2-1/4" (5.7 cm) | 7 | 12" (30.5 cm) | 1.29 lbs. (.59 kg) |
| 0451-16D | 54707 | Pump Pliers 16" dipped grip | 4-1/4" (10.8 cm) | 8 | 16" (40.6 cm) | 3 lbs. (1.4 kg) |

CUTTING & CRIMPING TOOLS

Crimping Combination Tool



- Heavy duty forged, heat treated steel for greater strength and long life of the whole tool.
- Crimps both 10-22 AWG insulated and non-insulated terminals and connectors.
- Machine hardened steel cutting blades for long life, even when cutting hardened wire.
- Exceeds ASME/ANSI specifications.
- Note: This is not an insulated tool.
- Lifetime limited warranty.

Molded Grip Handles

- Slip Proof, ergonomic molded grips and half handles for increased comfort and reduce fatigue.
- Location of handle ridge allows the user to "choke up" for greater control.

Dipped Grip Handles

- Double layered vinyl handles for comfort and slip resistance
- Reduced handle size for easy storage in pouches and bags

| CAT. NO. | UPC NO. | DESCRIPTION | OVERALL | |
|----------|---------|---|------------------|-------------------|
| | | | LENGTH | WEIGHT |
| KP1022 | 02155 | Terminal Crimping Tool with molded grip | 9-1/2 " (241 MM) | 1.05 lbs (.48 kg) |
| KP1022D | 10633 | Terminal Crimping Tool with dipped grip | 9-1/2 " (241MM) | 1.05 lbs (.48 kg) |

High Leverage Cable Cutters



- High leverage design provides greater cutting power, reducing fatigue.
- Heavy duty, forged, heat treated steel for greater strength and long life of the tool.
- Precision ground, beveled, shear action blades cut cable cleanly each time.
- Exceeds ASME/ANSI specifications.
- Note: This is not an insulated tool.
- Lifetime limited warranty.

Molded Grip Handles

- Slip Proof, ergonomic molded grips and half handles for increased comfort and reduce fatigue.
- Location of handle ridge allows the user to "choke up" for greater control.

Dipped Grip Handles

- PVC dipped for assured grip
- Reduced handle size for easy storage in pouches and bags

| CAT. NO. | UPC NO. | DESCRIPTION | SPECIFICATIONS | | | | |
|----------|---------|--------------------------|----------------|-------|------------|----------------|----------------|
| | | | COPPER | ALUM. | COMM CABLE | OVERALL LENGTH | WEIGHT |
| 727 | 31291 | Cable Cutter/Dipped Grip | 2/0 | 2/0 | 100 Pair | 9-1/4" | 1lbs (0.45 kg) |
| 727M | 12629 | Cable Cutter/Molded Grip | 2/0 | 2/0 | 100 Pair | 9-1/4" | 1lbs (0.45 kg) |

Ratchet Cable Cutters



45206



45207

- Simple, one-hand operation
- Exclusive two-speed ratcheting mechanism adjusts for light/heavy cutting
- Well-suited for tight working spaces
- Blades can be opened mid-cycle
- Cushioned handles for comfort and assured grip.

SPECIFICATIONS

45206

Maximum Capacity* **Copper:** 600 kcmil (MCM) (300 mm²)
Aluminum: 600 kcmil (MCM) (300 mm²)
Communications Cable: 1-3/8" (35 mm) dia.
Weight: 1.5 lbs./7 kg

45207

Maximum Capacity* **Copper:** 750 kcmil (MCM) (400 mm²)
Aluminum: 1000 kcmil (MCM) (500 mm²)
Communications Cable: 2" (51 mm) dia.
Weight: 2.4 lbs./1.1 kg

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---------------------------------|
| 45206 | 45206 | Ratchet Cable Cutter |
| 45207 | 45207 | Ratchet Cable Cutter |
| R 45218 | 45218 | Movable Blade (45206 & 45206I) |
| R 45212 | 45212 | Fixed Blade and Handle (45206) |
| R 12526 | 12526 | Fixed Blade and Handle (45206I) |
| R 45211 | 45211 | Movable Blade (45207 & 45207I) |
| R 45228 | 45228 | Fixed Blade and Handle (45207) |
| R 05883 | 05883 | Fixed Blade and Handle (45207I) |

Compact Ratchet Cable Cutters



759



760

- Simple, one-hand operation.
- Compact – convenient for working in tight places and stores easily in tool pouches.
- Single-speed ratchet mechanism.
- Blade release allows blades to be opened in mid-cut.
- Heavy-duty blades provide long life.

SPECIFICATIONS

759

Maximum Capacity* **Copper:** 500 kcmil (MCM) (240 mm²)
Aluminum: 750 kcmil (MCM) (400 mm²)
Communications Cable: 1-1/8" dia. (28 mm²).
Weight: 1.4 lbs./0.6 kg

760

Maximum Capacity* **Copper:** 1000 kcmil (MCM) (500 mm²)
Aluminum: 1000 kcmil (MCM) (500 mm²)
Communications Cable: 1-3/4" dia. (42 mm²)
Weight: 1.75 lbs./0.8 kg

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|------------------------------|
| 759 | 45277 | Compact Ratchet Cable Cutter |
| 760 | 17600 | Compact Ratchet Cable Cutter |
| R 45282 | 45282 | Movable Blade (759) |
| R 45281 | 45281 | Fixed Blade (759) |
| R 09908 | 09908 | Movable Blade (760) |
| R 09907 | 09907 | Fixed Blade (760) |
| R 45297 | 45297 | Handle Spring |

*Capacity may be less for compact and compressed cables

WIRE STRIPPING TOOLS

Pro Wire Strippers

NEW PRODUCT



1950A



1955A



1956A

- Strips both solid and stranded wires.
- Precision ground blades ensure consistent stripping and cutting.
- Ergonomically designed, extra long handles for superior comfort and assured grip.
- Heat treated for strength with black oxide finish for rust resistance.
- Serrated nose pliers for bending, pulling, and shaping wire.
- Lock tab protects cutting edges during storage.
- Cleanly cuts #6-32 and #8-32 screws.
- Note: this is not an insulated tool.
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | CAP (AWG) | |
|----------|---------|-----------------------------------|-----------|----------|
| | | | SOLID | STRANDED |
| N 1950A | 06852 | Pro Stripper 10-18 AWG | 10-18 | 12-20 |
| N 1955A | 06857 | Pro Plus Wire Stripper, 10-18 AWG | 10-18 | 12-20 |
| N 1956A | 10300 | Pro Plus Stripper 8-16 AWG | 6-14 | 8-16 |

Wire Stripper/Cutters

NEW PRODUCT



1916A



1917A

- Strips both solid and stranded wires.
- Precision ground blades ensure consistent stripping and cutting.
- Double dipped grips for superior comfort and assured grip.
- Heat treated for strength with black oxide finish for rust resistance.
- Serrated nose pliers for bending, pulling, and shaping wire.
- Lock tab protects cutting edges during storage.
- Cleanly cuts #6-32 and #8-32 screws.
- Note: this is not an insulated tool.
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | CAP (AWG) | |
|----------|---------|---------------|-----------|----------|
| | | | SOLID | STRANDED |
| N 1916A | 31891 | Wire Stripper | 10-20 | 12-22 |
| N 1917A | 31890 | Wire Stripper | 16-26 | 18-28 |

Stripping/Crimping Combination Tool

NEW PRODUCT



1927A

- Easily strip both solid and stranded wires, crimp terminals, cut screws and wire.
- Precision ground blades ensure consistent stripping and cutting.
- Double dipped ergonomic grips for superior comfort and assured grip.
- Heat treated for strength with black oxide finish for rust resistance.
- Narrow, serrated nose pliers for bending, pulling, and shaping wire.
- Lock tab protects cutting edges during storage.
- Cleanly cuts #4-40, #5-40, #6-32 and #8-32, #10-24, #10-32 screws.
- Crimps 10-22 AWG insulated and non-insulated terminals, splices and lugs.
- Note: this is not an insulated tool.
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | CAP. AWG |
|----------|---------|-------------------------------------|--------------------------|
| 1927A | 06851 | Stripping/Crimping Combination Tool | 10-22 solid and stranded |

Crimping/Stripping Combination Tool

NEW PRODUCT



1923A

- Easily strip both solid and stranded wires, crimp terminals, cut screws and wire.
- Precision ground blades ensure consistent stripping and cutting.
- Double dipped grips for superior comfort and assured grip.
- Heat treated for strength with black oxide finish for rust resistance.
- Cleanly cuts and strips 10–22 AWG wire.
- 2 wire cutters: middle cuts copper, tip also cuts hardened wire.
- Cleanly cuts #4-40, #6-32 and #8-32, #10-24, #10-32 screws.
- Crimps 10-22 AWG insulated and non-insulated terminals, splices and lugs.
- Splices and terminates 7mm and 8mm ignition terminals.
- Note: this is not an insulated tool.
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | CAP. AWG | |
|----------------|---------|-------------------------------------|----------|----------|
| | | | SOLID | STRANDED |
| N 1923A | 06850 | Crimping/Stripping Combination Tool | 8–18 | 10–22 |

Multi-Cable Cutter



1969



- Cuts solid/stranded wire, coaxial cable and multi-conductor cable.
- Heavy-duty, curved, precision ground blades for clean cuts.
- Double dipped ergonomic grips for superior comfort and assured grip.
- Heat treated for strength with black oxide finish for rust resistance.
- Anvil cutter for solid/stranded wires up to 8 AWG.
- Cuts Coaxial cable up to RG6 Quad, multi-conductor cable up to 1/2" diameter.
- Cleanly cuts #6-32 and #8-32 screws
- Note: This is not an insulated tool.
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------|
| 1969 | 23948 | Multi-Cable Cutter |

Automatic Wire Stripper



- Production grade wire stripper strips insulation from most smaller gauge wire.
- Strips up to 7/8" (22.2 mm) length.
- Strips PVC and THHN insulation.
- For use with solid and stranded wire.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | CAP. AWG |
|----------|---------|-------------------------|--------------------------|
| 1935 | 37600 | Automatic Wire Stripper | 10-22 solid and stranded |

Kwik Stripper® Wire Stripper



- Strips and cuts flat and round cable.
- Self-adjusts to different wire gauges.
- Laminated steel blades minimize the risk of nicking conductors.
- Front entry jaws have an adjustable strip length guide.
- Lightweight reinforced nylon is chemical and corrosion resistant.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | CAP. AWG |
|---|---------|-----------------------------|--------------------------|
| 45000 | 45000 | Kwik Stripper Wire Stripper | 10-34 solid and stranded |
|  20243 | 20243 | Blade Cassette | |

NM Cable Ripper



- Slits outer jacket of Romex® 10/2, 12/2, 14/2 and other non-metallic (NM) sheathed cable.
- Wire gauge on handle for identifying #6 to #14 AWG.
- Corrosion-resistant zinc plating.
- Side-entry design for end or mid-run slitting of jacket.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | OVERALL LENGTH |
|----------|---------|-----------------|-----------------|
| 0252-11 | 56300 | NM Cable Ripper | 3-5/8" (9.2 cm) |

SCREWDRIVERS

7-Piece Screwdriver Set



- Heavy-duty construction for longer life.
- Handle marked for easy identification of screwdriver size, type and length.
- Precision-machined tips for accurate fastener contact.
- Strong, durable black phosphate tips prevent chipping of plating.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.
- Contains: 3/16" x 4" Cabinet, 3/16" x 6" Cabinet, 1/4" x 4" Keystone, 1/4" x 4" Cabinet, 5/16" x 6" Keystone, #1 x 3" Phillips & #2 x 4" Phillips

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-------------------------|---------------------|
| 0153-02C | 54661 | 7-Piece Screwdriver Set | 1.63 lbs. (.74- kg) |

5-Piece Screwdriver Set



- Heavy-duty construction for longer life.
- Handle marked for easy identification of screwdriver size, type and length.
- Precision-machined tips for accurate fastener contact.
- Strong, durable black phosphate tips prevent chipping of plating.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.
- Contains: 3/16" x 6" Cabinet, 1/4" x 4" Keystone, 1/4" x 6" Cabinet, 5/16" x 6" Keystone & #2 x 4" Phillips

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|-------------|---------|--|--------------------|
| 0153-01C | 56303 | 5-Piece Screwdriver Set | 1.38 lbs. (.63 kg) |
| 0153-01C-CP | 95930 | 5-Piece Screwdriver Set Counter Pack (Qty 5) | 1.38 lbs. (.63 kg) |

Mini Screwdriver Set



- Precision machined tips for exact fastener fit.
- Strong durable black phosphate tips to prevent chipping or plating.
- Handle marked for easy identification of screwdriver size and type.
- Cushion grip handle for extra comfort and no slipping.
- Designed to meet ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|-------------------|
| 0153-03C | 13438 | 4-Piece Mini Screwdriver Set (Round Shank): Sizes #0 Phillips, 1/16" Keystone, 3/32" Cabinet & 1/8" Cabinet | .16 lbs. (.08 kg) |

9-In-1 Multi-Tool Driver



0153-43C

- Versatile multi-bit screwdriver, 9 tools in one.
- Drive hex nuts, Phillips, Square-recess and slotted fasteners.
- High-grade, rust resistant, chrome-plated finish.
- Precision machined, hardened steel bits.
- Cushion grip handle for extra comfort and torque.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---|----------|
| 0153-43C | 13490 | 9-In-1 Multi-tool, Contains bits: #1 & #2 Phillips, #1 & #2 Square Recess and 3/16" & 1/4" Flat Tip, 1/4", 5/16" & 3/8" Hex | .45 lbs. |
| 9953-15 | 10628 | Replacement bits 9-In-1 | — |

6-In-1 Multi-Tool



0153-42C

- Versatile multi-bit screwdriver, 6 tools in one.
- Precision machined, hardened steel bits.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|---------|
| 0353-41C | 89218 | 6-In-1 Multi-tool, Contains: #1 & #2 Square Recess, 6mm Flat-Tip & #2 Phillips and 1/4" & 5/16" Hex. | .42 lbs |
| 0153-42C | 56308 | 6-In-1 Multi-tool, Contains: 3/16" & 1/4" Flat-Tip, #1 & #2 Phillips and 5/16 & 1/4" Hex | .42 lbs |
| 9953-13 | 56310 | Replacement bits – 3/16" & 1/4" Flat-tip and #1 & #2 Phillips | — |
| 9953-14 | 89219 | Replacement bits – #1 & #2 Square Recess and 6mm Flat Tip & #2 Phillips | — |

8" Striking Tool/Screwdriver



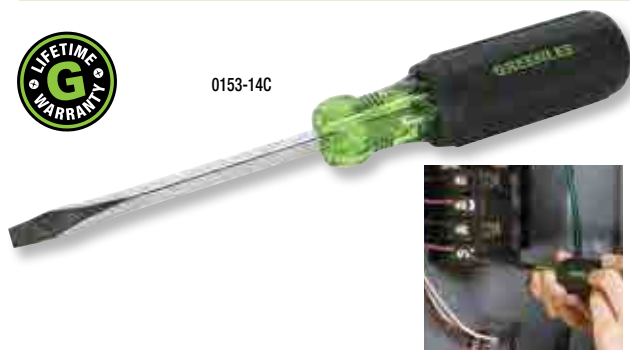
- 5/16" x 8" slotted screwdriver with shaft extending through the handle to ensure durability when striking with a hammer.
- 8" square shaft is heat treated for strength and durability and black oxide coating at the tip helps prevent cam-out when in use.
- Square shank allows for use of wrench or pliers for added torque.
- Hardened plastic handle with a metal cap at the end of the screwdriver ensures durability when using a hammer.
- Exceeds ASME/ANSI specifications.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------------|----------|
| UT153-18 | 89913 | Striking Tool / Screwdriver | .56 lbs. |

Heavy-Duty Keystone Tip Screwdriver



0153-14C



- Square shank allows use of wrench or pliers for added torque.
- Handle marked for easy identification of screwdriver size, type and length.
- Rugged keystone tip for additional strength.
- Precision-machined tips for accurate fastener contact.
- Strong, durable black phosphate tips prevent chipping of plating.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION: HEAVY DUTY KEYSTONE TIP | WEIGHT |
|----------|---------|--|---------|
| 0153-11C | 54644 | Square Shank 1/4" x 4" Flat Blade Screwdriver | .25 lbs |
| 0153-12C | 54645 | Square Shank 1/4" x 6" Flat Blade Screwdriver | .30 lbs |
| 0153-13C | 54646 | Square Shank 1/4" x 8" Flat Blade Screwdriver | .35 lbs |
| 0153-14C | 54647 | Square Shank 1/4" x 10" Flat Blade Screwdriver | .40 lbs |
| 0153-15C | 56304 | Square Shank 5/16" x 6" Flat Blade Screwdriver | .40 lbs |
| 0153-16C | 56305 | Square Shank 3/8" x 8" Flat Blade Screwdriver | .55 lbs |

Heavy-Duty Cabinet Tip Screwdriver



0153-21C



- Narrow cabinet tip for limited access applications.
- Handle marked for easy identification of screwdriver size, type and length.
- Precision-machined tips for accurate fastener contact.
- Strong, durable black phosphate tips prevent chipping of plating.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION: HEAVY DUTY CABINET TIP | WEIGHT |
|----------|---------|--|---------|
| 0153-21C | 54652 | Round Shank 3/16" x 4" Flat Blade Screwdriver | .15 lbs |
| 0153-22C | 54653 | Round Shank 3/16" x 6" Flat Blade Screwdriver | .18 lbs |
| 0153-23C | 54654 | Round Shank 3/16" x 8" Flat Blade Screwdriver | .20 lbs |
| 0153-24C | 54655 | Round Shank 3/16" x 10" Flat Blade Screwdriver | .22 lbs |
| 0153-25C | 54649 | Round Shank 1/4" x 4" Flat Blade Screwdriver | .25 lbs |
| 0153-26C | 54650 | Round Shank 1/4" x 6" Flat Blade Screwdriver | .30 lbs |
| 0153-27C | 54651 | Round Shank 1/4" x 8" Flat Blade Screwdriver | .35 lbs |

Stubby Screwdriver



0153-32C



0153-28C



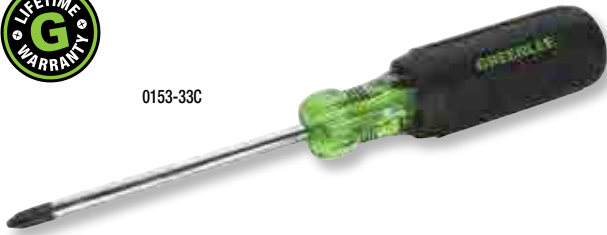
- Precision-machined tips for exact fit.
- Handle marked for easy identification of screwdriver size, type and length.
- Strong, durable black phosphate tips prevent chipping of plating.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION: | WEIGHT |
|----------|---------|--|---------|
| 0153-04C | 13491 | Stubby 2PC Screwdriver Set | .20 lbs |
| 0153-28C | 54648 | Round Shank 1/4" x 1-1/2" Flat Blade Screwdriver | .10 lbs |
| 0153-32C | 54657 | Heavy Duty Phillips Tip #2 x 1-1/2" Screwdriver | .10 lbs |

Heavy-Duty Phillips Tip Screwdriver



0153-33C



- Precision-machined tips for exact fit.
- Handle marked for easy identification of screwdriver size, type and length.
- Strong, durable black phosphate tips prevent chipping of plating.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|---------|
| 0153-31C | 54656 | Heavy Duty Phillips Tip #1 x 3" Screwdriver | .15 lbs |
| 0153-33C | 54658 | Heavy Duty Phillips Tip #2 x 4" Screwdriver | .25 lbs |
| 0153-34C | 54659 | Heavy Duty Phillips Tip #2 x 6" Screwdriver | .30 lbs |
| 0153-35C | 54660 | Heavy Duty Phillips Tip #3 x 6" Screwdriver | .35 lbs |
| 0153-36C | 89213 | Heavy Duty Phillips Tip #2 x 10" Screwdriver | .40 lbs |

Heavy-Duty Crank Action Screwdriver



0153-51C



- Rotary action allows for fast & convenient insertion of fasteners.
- Precision-machined tips for exact fit.
- Handle marked for easy identification of screwdriver size type and length.
- Strong, durable black phosphate tips prevent chipping of plating.
- Cushion grip handle for extra comfort and torque.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---|---------|
| 0153-51C | 89211 | Cabinet Tip 3/16" x 6" Flat Blade Screwdriver | .16 lbs |
| 0153-52C | 89212 | Cabinet Tip 1/4" x 6" Flat Blade Screwdriver | .25 lbs |
| 0153-53C | 89209 | Phillips Tip #1 x 6" Screwdriver | .17 lbs |
| 0153-54C | 89210 | Phillips Tip #2 x 6" Screwdriver | .25 lbs |
| 0353-52C | 89220 | Square-Recess Tip Driver - #1 x 6" | .25 lbs |
| 0353-53C | 89221 | Square-Recess Tip Driver - #2 x 6" | .25 lbs |

Screw-Holding Screwdriver



0453-15C



- The industry's finest screw-holding device, available for either slotted or Phillips screws.
- Easily holds screw in place when installing in hard-to-reach locations.
- Precision tip for accurate fastener fit.
- Heavy-duty construction for longer life.
- Cushion grip handle for extra comfort and torque.
- Handle marked for easy identification of screwdriver size and type.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION: | WEIGHT |
|----------|---------|--|---------|
| 0453-11C | 56311 | Screw-holding Screwdriver 3/32" x 5" | .10 lbs |
| 0453-12C | 56312 | Screw-holding Screwdriver 1/8" x 5" | .16 lbs |
| 0453-13C | 56313 | Screw-holding Screwdriver 5/32" x 5" | .16 lbs |
| 0453-14C | 56314 | Screw-holding Screwdriver 3/16" x 6" | .16 lbs |
| 0453-15C | 56315 | Screw-holding Screwdriver 1/4" x 7" | .30 lbs |
| 0453-16C | 56316 | Screw-holding Screwdriver Phillips Tip #0 x 5" | .10 lbs |
| 0453-17C | 56317 | Screw-holding Screwdriver Phillips Tip #1 x 5" | .16 lbs |
| 0453-18C | 56318 | Screw-holding Screwdriver Phillips Tip #2 x 7" | .30 lbs |

4-Piece Square-Recess Tip Driver Set

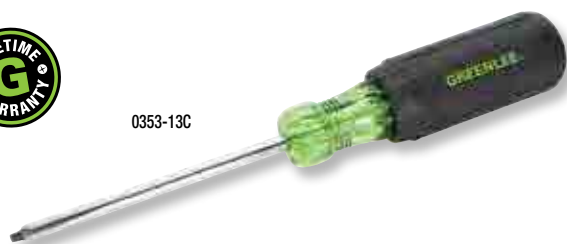


0353-01C

- Precision tip for accurate fastener fit.
- Handle marked and color coded for easy identification of screwdriver size and type.
- Heavy-duty construction for longer life.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---|---------|
| 0353-01C | 54695 | 4-Piece Square-Recess Tip Driver Set, Contains - #0 x 4", #1 x 4", #2 x 4", & #3 x 4" | 1.0 lbs |

Square-Recess Tip Drivers



0353-13C

- Precision tip for accurate fastener fit.
- Handle marked and color coded for easy identification of screwdriver size and type.
- Heavy-duty construction for longer life.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|------------------------------------|---------|
| 0353-11C | 54688 | Square-Recess Tip Driver - #0 x 4" | .20 lbs |
| 0353-12C | 54689 | Square-Recess Tip Driver - #1 x 4" | .20 lbs |
| 0353-13C | 54691 | Square-Recess Tip Driver - #2 x 4" | .30 lbs |
| 0353-14C | 54693 | Square-Recess Tip Driver - #3 x 4" | .30 lbs |
| 0353-21C | 89214 | Square-Recess Tip Driver - #0 x 8" | .40 lbs |
| 0353-22C | 89215 | Square-Recess Tip Driver - #1 x 8" | .40 lbs |
| 0353-23C | 89216 | Square-Recess Tip Driver - #2 x 8" | .40 lbs |
| 0353-24C | 89217 | Square-Recess Tip Driver - #3 x 8" | .40 lbs |

Stubby Square-Recess Tip Driver



0353-32C

- Precision tip for accurate fastener fit.
- Handle marked and color coded for easy identification of screwdriver size and type.
- Heavy-duty construction for longer life.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---|---------|
| 0353-02C | 89222 | 2-Piece Square-Recess Tip Stubby Driver Set, Contains - #1 & #2 | .22 lbs |
| 0353-32C | 89223 | Square-Recess Tip Driver - #1 x 1-1/2" | .11 lbs |
| 0353-33C | 89224 | Square-Recess Tip Driver - #2 x 1-1/2" | .11 lbs |

Conduit Reaming Screwdriver



- Deburs ID and OD of 1/2", 3/4" and 1" thin wall conduit.
- Handle marked for easy identification.
- Hardened blade for longer life.
- Hooded, flat tip driver used to fasten EMT fittings.
- Cushion grip handle for extra comfort and torque.
- Replaceable blade.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|---------|
| 9753-11C | 54696 | Conduit Reaming Screwdriver | .49 lbs |
| 9953-11 | 56319 | Replacement blade, Conduit Reaming Screwdriver | — |

Scratch Awl



- Integrated steel endcap for durability and long life.
- Heavy-duty construction for piercing and scribing.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|----------------|---------|
| 9753-12C | 54697 | Scratch Awl 3" | .22 lbs |

Bottle Opener



- Heavy-duty construction to handle any size job.
- High-grade, stainless steel for repeated use.
- Cushion grip handle for extra comfort and torque.
- Handle marked for easy identification.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---------------|---------|
| 9753-13C | 89249 | Bottle Opener | .22 lbs |

NUT DRIVERS

7-Piece Nut Driver Set



0253-01C



- Rugged hollow shaft for screw clearance.
- Heavy-duty construction for longer life.
- Handle and shaft marked for easy identification of nut driver size.
- Precision 6-point sockets for accurate fastener fit.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

FRACTIONAL KIT

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---|----------|
| 0253-01C | 54671 | 7-Piece Nut Driver Set (3" Shank): Sizes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16" & 1/2" | 1.65 lbs |

METRIC KIT

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|----------|
| 0253-02C | 89225 | 7-Piece Nut Driver Set (75mm Shank): Sizes 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm & 10mm | 1.65 lbs |

2-Piece Stubby Nut Driver Set



0253-05-S

- Rugged hollow shaft for screw clearance.
- Precision 6-point sockets for accurate fastener fit.
- Handles marked for easy identification of nut driver size.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Each nut driver is 3-3/4" in length.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|-----------|---------|--|---------|
| 0253-05-S | 13520 | 2-Piece Stubby Nut Driver Set (1-1/2" Shank): Sizes 1/4" & 5/16" | .26 lbs |

Heavy-Duty Nut Drivers



0253-16C

- Rugged hollow shaft for bolt clearance.
- Heavy-duty construction for longer life.
- Handle color marked for easy identification of nut driver size.
- Precision 6-point sockets for accurate fastener fit.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.



FRACTIONAL SIZES 3" SHAFT

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------------------|---------|
| 0253-11C | 54664 | Heavy-Duty Nut Driver 3/16" x 3" | .20 lbs |
| 0253-12C | 54665 | Heavy-Duty Nut Driver 1/4" x 3" | .20 lbs |
| 0253-13C | 54666 | Heavy-Duty Nut Driver 5/16" x 3" | .20 lbs |
| 0253-14C | 54667 | Heavy-Duty Nut Driver 11/32" x 3" | .20 lbs |
| 0253-15C | 54668 | Heavy-Duty Nut Driver 3/8" x 3" | .20 lbs |
| 0253-16C | 54669 | Heavy-Duty Nut Driver 7/16" x 3" | .25 lbs |
| 0253-17C | 54670 | Heavy-Duty Nut Driver 1/2" x 3" | .33 lbs |

METRIC SIZES 75 MM SHAFT

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-------------------------------------|---------|
| 0253-33C | 89228 | Heavy-Duty Nut Driver 5mm x 75mm | .20 lbs |
| 0253-34C | 89229 | Heavy-Duty Nut Driver 5.5mm x 75mm | .20 lbs |
| 0253-35C | 89230 | Heavy-Duty Nut Driver 6.0mm x 75mm | .20 lbs |
| 0253-36C | 89231 | Heavy-Duty Nut Driver 7.0mm x 75mm | .20 lbs |
| 0253-37C | 89232 | Heavy-Duty Nut Driver 8.0mm x 75mm | .20 lbs |
| 0253-38C | 89233 | Heavy-Duty Nut Driver 9.0mm x 75mm | .20 lbs |
| 0253-39C | 89234 | Heavy-Duty Nut Driver 10.0mm x 75mm | .20 lbs |
| 0253-41C | 89235 | Heavy-Duty Nut Driver 11.0mm x 75mm | .20 lbs |
| 0253-42C | 89236 | Heavy-Duty Nut Driver 12.0mm x 75mm | .33lbs |
| 0253-43C | 89237 | Heavy-Duty Nut Driver 13.0mm x 75mm | .33 lbs |

2-Piece Nut Holding Driver Set



0253-06NH-6



- Precision tapered socket holds nut for one-handed operation.
- Patent pending non-magnetic design will not pick up metal chips.
- Rugged 6" hollow shank for screw clearance.
- Handle marked and color coded for easy identification of nut driver size.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|-------------|---------|--|---------|
| 0253-06NH-6 | 10629 | 2-piece Nut Holding Driver Set (6" shaft) sizes: 1/4" and 5/16" Hex | .60 lbs |

7-Piece Nut Holding Driver Set

NEW PRODUCT



- Precision tapered socket holds nut for one-handed operation.
- Patent pending non-magnetic design will not pick up metal chips.
- Rugged 6" hollow shaft for screw clearance.
- Handles color-coded and marked for easy identification.
- Cushion grip handle for extra comfort and torque.
- High-grade rust resistant, chrome-plated finish.
- Heavy-duty construction for longer life.
- Designed to exceed ASME/ANSI torque requirements.
- Lifetime Limited Warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------------------|---------|--|--------|
| N 0253-01NH-6 | 13417 | 7-Piece Nut Holding Driver Set (6" Shank): Hex Sizes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2" | 2.2 |

Nut Holding Nut Drivers

NEW PRODUCT



0253-14NH-6



- Precision tapered socket holds nut for one-handed operation.
- Patent pending non-magnetic design will not pick up metal chips.
- Rugged 6" hollow shaft for screw clearance.
- Handles color-coded and marked for easy identification.
- Cushion grip handle for extra comfort and torque.
- High-grade rust resistant, chrome-plated finish.
- Heavy-duty construction for longer life.
- Designed to exceed ASME/ANSI torque requirements.
- Lifetime Limited Warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|-------------|---------|-------------------------------------|---------|
| 0253-11NH-6 | 13418 | Nut Holding Nut Driver, 3/16" X 6" | .29 lbs |
| 0253-12NH-6 | 13419 | Nut Holding Nut Driver, 1/4" X 6" | .29 lbs |
| 0253-13NH-6 | 13420 | Nut Holding Nut Driver, 5/16" X 6" | .31 lbs |
| 0253-14NH-6 | 13421 | Nut Holding Nut Driver, 11/32" X 6" | .31 lbs |
| 0253-15NH-6 | 13422 | Nut Holding Nut Driver, 3/8" X 6" | .33 lbs |
| 0253-16NH-6 | 13423 | Nut Holding Nut Driver, 7/16" X 6" | .33 lbs |
| 0253-17NH-6 | 13424 | Nut Holding Nut Driver, 1/2" X 6" | .38 lbs |

ADJUSTABLE & RATCHETING WRENCHES

Composite Handle Adjustable Wrench



0154-10C

- Patented lightweight ergonomic design reduces user fatigue.
- Precision-machined to tight tolerances for professional feel and smooth operation.
- Wide capacity jaw design provides extra versatility.
- Measuring scale on head for easy sizing.
- Corrosion-resistant finish.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|----------|
| 0154-08C | 56320 | Adjustable Wrench Composite Handle 8" | .66 lbs |
| 0154-10C | 56321 | Adjustable Wrench Composite Handle 10" | 1.03 lbs |
| 0154-12C | 56322 | Adjustable Wrench Composite Handle 12" | 1.36 lbs |

Dipped Handle Adjustable Wrench



0154-10D

- Heavy-duty construction to handle any size job.
- Double-dipped vinyl handle for user comfort and slip resistance.
- Precision-machined to tight tolerances for professional feel and smooth operation.
- Wide capacity jaw design provides extra versatility.
- Measuring scale on head for easy sizing.
- Corrosion – resistant finish.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-------------------------------------|----------|
| 0154-06D | 89275 | Adjustable Wrench Dipped Handle 6" | .35lbs |
| 0154-08D | 89291 | Adjustable Wrench Dipped Handle 8" | .8 lbs |
| 0154-10D | 89292 | Adjustable Wrench Dipped Handle 10" | 1.17 lbs |
| 0154-12D | 89293 | Adjustable Wrench Dipped Handle 12" | 1.9 lbs |

Adjustable Wrench



0154-10

- Heavy-duty construction to handle any size job.
- Precision-machined to tight tolerances for professional feel and smooth operation.
- Wide capacity jaw design provides extra versatility.
- Measuring scale on head for easy sizing.
- Corrosion-resistant finish.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------|----------|
| 0154-06 | 89276 | Adjustable Wrench 6" | .35 lbs |
| 0154-08 | 55483 | Adjustable Wrench 8" | .8 lbs |
| 0154-10 | 55484 | Adjustable Wrench 10" | 1.17 lbs |
| 0154-12 | 55485 | Adjustable Wrench 12" | 1.9 lbs |

7-Piece Combination Ratcheting Wrench Set - Fractional



0354-01

- Compact reversible switch allows a 15° offset of the box end for clearance of obstacles.
- “Five-degree” ratcheting design for versatility and ease of use in tight spaces.
- Polished chrome finish for superior corrosion resistance.
- Precision heads for accurate fastener fit.
- Hardened for durability and longer life.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|----------|
| 0354-01 | 55501 | 7-Piece Combination Ratcheting Wrench Set: Contains - Sizes 1/4", 5/16", 3/8", 7/16", 1/2", 9/16" & 5/8" | 1.25 lbs |

Combination Ratcheting Wrenches - Fractional



0354-15

- Compact reversible switch allows a 15° offset of the box end for clearance of obstacles.
- “Five-degree” ratcheting design for versatility and ease of use in tight spaces.
- Polished chrome finish for superior corrosion resistance.
- Precision heads for accurate fastener fit.
- Hardened for durability and longer life.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--------------------------------------|----------|
| 0354-11 | 55494 | Combination Ratcheting Wrench 1/4" | .09 lbs |
| 0354-12 | 55495 | Combination Ratcheting Wrench 5/16" | .08 lbs |
| 0354-13 | 55496 | Combination Ratcheting Wrench 3/8" | .12 lbs |
| 0354-14 | 55497 | Combination Ratcheting Wrench 7/16" | .16 lbs |
| 0354-15 | 55498 | Combination Ratcheting Wrench 1/2" | .22 lbs |
| 0354-16 | 55499 | Combination Ratcheting Wrench 9/16" | .26 lbs |
| 0354-17 | 55500 | Combination Ratcheting Wrench 5/8" | .37 lbs |
| 0354-18 | 89268 | Combination Ratcheting Wrench 11/16" | .45 lbs |
| 0354-19 | 89269 | Combination Ratcheting Wrench 3/4" | .53 lbs |
| 0354-20 | 89270 | Combination Ratcheting Wrench 13/16" | .79 lbs |
| 0354-21 | 89271 | Combination Ratcheting Wrench 7/8" | .79 lbs |
| 0354-22 | 89272 | Combination Ratcheting Wrench 15/16" | 1.1 lbs |
| 0354-23 | 89273 | Combination Ratcheting Wrench 1" | 1.1 lbs |
| 0354-24 | 13517 | Combination Ratcheting Wrench 1-1/16 | 1.44 lbs |
| 0354-25 | 13518 | Combination Ratcheting Wrench 1-1/8 | 2.05 lbs |
| 0354-26 | 13519 | Combination Ratcheting Wrench 1-1/4 | 2.05 lbs |

7-Piece Combination Ratcheting Wrench Set - Metric



0354-02

- Compact reversible switch allows a 15° offset of the box end for clearance of obstacles.
- “Five-degree” ratcheting design for versatility and ease of use in tight spaces.
- Polished chrome finish for superior corrosion resistance.
- Precision heads for accurate fastener fit.
- Hardened for durability and longer life.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|---------|
| 0354-02 | 89274 | 7-Piece Combination Ratcheting Wrench Set: Contains - Sizes 7, 9, 10, 11, 13, 14, and 15 mm | 1.3 lbs |

Combination Ratcheting Wrenches - Metric



0354-55

- Compact reversible switch allows a 15° offset of the box end for clearance of obstacles.
- “Five-degree” ratcheting design for versatility and ease of use in tight spaces.
- Polished chrome finish for superior corrosion resistance.
- Precision heads for accurate fastener fit.
- Hardened for durability and longer life.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|------------------------------------|---------|
| 0354-51 | 89277 | Combination Ratcheting Wrench 6mm | .08 lbs |
| 0354-52 | 89278 | Combination Ratcheting Wrench 7mm | .09 lbs |
| 0354-53 | 89279 | Combination Ratcheting Wrench 8mm | .08 lbs |
| 0354-54 | 89280 | Combination Ratcheting Wrench 9mm | .10 lbs |
| 0354-55 | 89281 | Combination Ratcheting Wrench 10mm | .14 lbs |
| 0354-56 | 89282 | Combination Ratcheting Wrench 11mm | .16 lbs |
| 0354-57 | 89283 | Combination Ratcheting Wrench 12mm | .18 lbs |
| 0354-58 | 89284 | Combination Ratcheting Wrench 13mm | .22 lbs |
| 0354-59 | 89285 | Combination Ratcheting Wrench 14mm | .27 lbs |
| 0354-60 | 89286 | Combination Ratcheting Wrench 15mm | .31 lbs |
| 0354-61 | 89287 | Combination Ratcheting Wrench 16mm | .35 lbs |
| 0354-62 | 89288 | Combination Ratcheting Wrench 17mm | .44 lbs |
| 0354-63 | 89289 | Combination Ratcheting Wrench 18mm | .47 lbs |
| 0354-64 | 89290 | Combination Ratcheting Wrench 19mm | .57 lbs |

HEX KEYS

T-Handle Hex Key Drivers

NEW PRODUCT



- 10 sizes available piece for convenience and versatility (including sizes 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8").
- 10 piece set includes all sizes listed above and convenient holder.
- Heat-treated and tempered for extra strength and durability.
- Exceeds ASME/ANSI specifications.
- Ergonomic molded grips for max torque & comfort.
- Ball end allows up to 30 degrees misalignment.
- Square-cut end for high torque applications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-------------------------------|---------|
| 0254-40 | 13499 | T-Handle Wrench Set, 10PC set | 1.8 lbs |
| 0254-42 | 13500 | T-Handle Wrench, 3/32" | .06 lbs |
| 0254-43 | 13501 | T-Handle Wrench, 7/64" | .07 lbs |
| 0254-44 | 13502 | T-Handle Wrench, 1/8" | .07 lbs |
| 0254-45 | 13503 | T-Handle Wrench, 9/64" | .08 lbs |
| 0254-46 | 13504 | T-Handle Wrench, 5/32" | .11 lbs |
| 0254-47 | 13505 | T-Handle Wrench, 3/16" | .13 lbs |
| 0254-48 | 13506 | T-Handle Wrench, 7/32" | .16 lbs |
| 0254-49 | 13507 | T-Handle Wrench, 1/4" | .25 lbs |
| 0254-50 | 89187 | T-Handle Wrench, 5/16" | .33 lbs |
| 0254-51 | 89197 | T-Handle Wrench, 3/8" | .44 lbs |

9-Piece Folding Hex-Key Set - Standard



0254-11



- 9 piece set for convenience and versatility (including sizes 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4").
- One-piece, powder-coated handle/case for corrosion resistance.
- Laser-etched sizes on case for easy identification.
- Heat-treated and tempered for extra strength and durability.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---|---------|
| 0254-11 | 56323 | 9-Piece Folding Hex-key Set: Sizes - 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4" | .48 lbs |

9-Piece Folding Ball-End Hex-Key Set - Standard



- 9 piece set for convenience and versatility (including sizes 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4").
- Ball-end design allows for angled use up to 30 degrees.
- One-piece, powder-coated handle/case for corrosion resistance.
- Laser-etched sizes on case for easy identification.
- Heat-treated and tempered for extra strength and durability.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|---------|
| 0254-12 | 55482 | 9-Piece Folding Ball-end Hex-key Set: Sizes - 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4" | .48 lbs |

5-Piece Folding Hex-Key Set - Standard



- 5 Piece Folding Set for convenience and versatility when stored in a pouch or a toolbox
- Each hex key is heat treated and tempered for extra strength and durability
- Sizes included: 3/16", 7/32", 1/4", 5/16", and 3/8"
- Powder coated case for corrosion resistance and long life
- Designed to exceed ASME/ANSI specifications
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|---------|
| 0254-13 | 56269 | 5 Piece Folding Set: Sizes included: 3/16", 7/32", 1/4", 5/16", and 3/8" | .75 lbs |

9-Piece Folding Hex-Key Set - Metric



- 9 piece set for convenience and versatility (including sizes 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10 mm).
- One-piece, powder-coated handle/case for corrosion resistance.
- Laser-etched sizes on case for easy identification.
- Heat-treated and tempered for extra strength and durability.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---|---------|
| 0254-31 | 89267 | 9-Piece Folding Hex-key Set: Sizes - 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, and 7mm. | .51 lbs |

CUTTING TOOLS

Professional Folding Utility Knives

NEW PRODUCT



- Quick change mechanism for easy blade removal.
- Heavy-duty handle.
- Back lock for additional safety.
- Blade Storage on tool.
- Not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------------------|---------|
| 0652-22 | 00041 | Folding Utility Knife | .85 lbs |
| 0652-23 | 00043 | Folding Utility Knife, Heavy-Duty | .85 lbs |

Utility Knife



- Over-molded for secure, comfortable grip.
- Retractable three-position blade for safety and convenience.
- Easy front-loading design provides for quick blade change.
- Blade storage in pop-up holder.
- Packaged with three heavy-duty patented serrated blades (Cat # 9952-11).
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|---------|
| 0652-11 | 54729 | Utility Knife with blades | .44 lbs |
| 9952-11 | 56301 | Blades for 0652-11 Utility Knife, 5 pack | — |

Professional Pocket Knives

NEW PRODUCT



| SPECIFICATIONS | BLADE | BLADE LENGTH | BLADE SAFETY | HANDLE SIZE | HANDLE MATERIAL | SHEATH |
|----------------|---|---------------|--------------|---------------|---|---------------------------------|
| 0652-24 | 440C Stainless Steel | 2.25" (57 mm) | Lock-back | 3.50" (89mm) | Desert Ironwood with Stainless Bolsters and Belt Clip. | — |
| 0652-25 | Titanium Coated 440C Stainless Steel | 2.25" (57 mm) | Lock-back | 3.50" (89mm) | Anodized Aluminum with Reversible Belt Clip and Lanyard Hole | — |
| 0652-26 | 440C Stainless Steel | 2.25" (57 mm) | Lock-back | 3.25" (82mm) | Rosewood with Stainless Bolsters and Swivel Ring | — |
| 0652-28 | 440C Stainless Steel | 2.63" (67 mm) | Lock-back | 4.00" (101mm) | Rosewood with Swivel Ring | — |
| 0652-29 | 440C Stainless Steel | 3.00" (76mm) | — | 7.80" (198mm) | Full-length Solid Tang with Rosewood Facing, Stainless Bolster and Lanyard Hole | Reinforced Nylon with Belt Loop |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 0652-24 | 00057 | Drop Point Pocket Knife, Wood |
| 0652-25 | 00058 | Titanium-Coated Drop Point Pocket Knife, Aluminum |
| 0652-26 | 00059 | Coping Blade |
| 0652-28 | 00061 | Hawkbill Pocket Knife, Wood Handle |
| 0652-29 | 00062 | Hawkbill Fixed Blade with Sheath |

PowerBlade



- Innovative wire & cable stripping system.
- SOG® knife blade with bevel edge.
- Cryogenic heat treated blade increases strength to enable longer sharpness and chip resistance.
- Manufactured from AUS 8 stainless steel.
- Lightweight tool handle military-style Zytel plastic.
- Liner Lock Blade Release System to keep knife securely locked while in-use position.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|-------------|---------|
| PA6575 | Powerblade | .35 lbs |

Keyhole/Jab Saw



- Integrated blade and handle design provides maximum strength.
- Ergonomic handle with non-slip grip.
- Hardened steel blade with clog-free teeth.
- Pointed tip easily punches through drywall for plunge cuts.
- Blade cuts on both push and pull strokes.
- Hole in handle may be used for lanyard or convenient storage.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|----------------|---------|
| 301A | 23641 | 6" Keyhole Saw | .27 lbs |

Retractable Saw Set



- Cuts drywall, wood, conduit, metal, pvc and plastics
- 6" blade retracts into the handle for convenience and safety.
- Accepts most 6" (or shorter) standard reciprocating saw blades and jab saw blades.
- Ergonomically designed handle allows force to be applied both on the push and pull stroke.
- Built-in blade storage area can hold 2 additional blades.
- Adjustable blade can be used at any length or the 3 hard stops can be used for aggressive sawing.
- Jab blade and a bi-metal blade included.
- U.S. Patent #D527,602.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---------------------|---------|
| 311 | 13110 | Retractable Saw Set | .35 lbs |
| 311-JAB | 71945 | Jab Blades | — |

12" Heavy Duty Hack Saw



- Over-molded rugged design for heavy-duty use and comfort.
- Fully-adjustable blade tension up to 30,000 psi for longer blade life and faster, accurate cuts.
- Alternative 45° blade mounting allows for flush cutting.
- Mounting for most reciprocating saw blades for extra versatility.
- Handy blade storage in tubular frame.
- Convenient front grip feature for two-handed sawing.
- Complete with bi-metal blade (12"/24 TPI).
- Length is 15-3/4"
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|----------|
| 333A | 23635 | 12" Heavy Duty Hacksaw | 2.15 lbs |
| 333-1218 | 10037 | 12" (30.5 cm) Bi-metal Blades, 18 teeth per inch, 5 pack | — |
| 333-1224 | 10038 | 12" (30.5 cm) Bi-metal Blades, 24 teeth per inch, 5 pack | — |
| 333-1232 | 10039 | 12" (30.5 cm) Bi-metal Blades, 32 teeth per inch, 5 pack | — |

PVC Cutters



- Cuts 3/4" schedule 40 PVC
- Cuts 1/8" - 1-3/8" (3-35mm) O.D. flexible plastic pipe
- Diecast aluminum alloy body for added strength and blade guide for square cuts.
- Reversible blade for twice the life.
- Handle latch for safety.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---------------------|---------|
| 862 | 89806 | Plastic Pipe Cutter | .36 lbs |

PVC Cutter for up to 1-1/4"



- Cuts up to 1-1/4" schedule 40 pvc
- Ratchet action for fast, easy cutting.
- Heat-treated, replaceable steel blade for long cutting life.
- Rugged metal alloy frame for durability.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------------|---------|-----------------------------|---------|
| 864 | 04253 | PVC Cutter for up to 1-1/4" | .08 lbs |
| R 00355 | 00355 | Blade Kit | — |

PVC Cutter for up to 2"



- Cuts up to 2" schedule 40 pvc
- High-leverage compound ratchet action and long handles reduce effort.
- Heavy-duty metal frame for cutting large diameters.
- Replaceable steel blade may be sharpened.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------------|---------|-------------------------|---------|
| 865 | 09865 | PVC Cutter for up to 2" | 2.5 lbs |
| 07978 | 07978 | Blade | — |
| R 07982 | 07982 | Pressing Spring | — |
| R 07987 | 07987 | Ratchet Spring | — |

EMT Conduit Cutter



- Patented cutting wheel scores the conduit allowing the user to snap it in two. Eliminates the need to debur the ID.
- Cuts 1/2" and 3/4" diameter EMT electrical conduit.
- Simple to use-just tighten the screw, turn the tool around the conduit, and snap the conduit in two!
- Heavy duty cast body for long life.
- Large smooth spindle knob is easy to grip and doesn't hurt your hand.
- Replaceable cutter wheel.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------|---------|
| 8600 | 11915 | Conduit Cutter | 1.2 lbs |
| 11917 | 11917 | Cutter Wheel for 8600 | — |

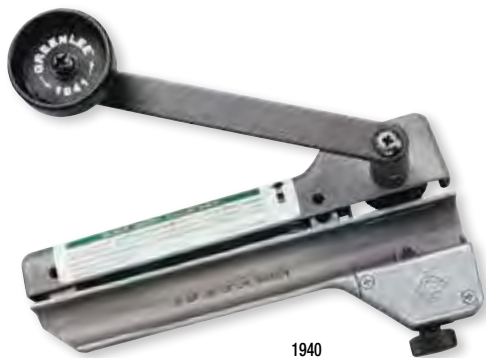
Aviation Snips



- Drop-forged, chrome-moly steel blades with serrated edges.
- Includes left, right and straight-cut versions with color coded grips green (right), yellow (straight), red (left).
- Cuts up to 18-gauge steel or 24-gauge stainless.
- Auto-release latch for one-handed operation.
- Compound leverage design reduces effort required by user.
- Meets ANSI/ASTM standards.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---|---------|
| 0653-01L | 13393 | Left (Red) Aviation Snip molded grip | .85 lbs |
| 0653-01R | 13394 | Right (Green) Aviation Snip molded grip | .85 lbs |
| 0653-01S | 13395 | Straight (Yellow) Aviation Snip molded grip | .85 lbs |

Flex Splitter® 3/8" MC Flexible Cable/Conduit Cutter



- Use With AC and MC Cable up to 3/8 Inch outside diameter
- Thumb screw allows for easy adjustment for cable sizes from 14-2 to 10-5
- Cuts in seconds with a few quick turns of the crank and an easy twist of the armor.
- Will not nick inner conductors
- Convenient under-handle blade storage holds spare blades
- Quick load clamp system makes repeat cuts fast and easy
- Use with replacement blades Greenlee Cat #1941-1 or #1941-5

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|---------|
| 1940 | 34953 | Flex Splitter® Flexible Metal Conduit Cutter | 4.0 lbs |
| 1941-1 | 00288 | Single Replacement Blade for 1940 | — |
| 1941-5 | 33735 | 5 Pack Replacement Blades for 1940 | — |

MC 1" Flexible Cable/Conduit Cutter



- Use With AC and MC Cable up to 1 Inch outside diameter
- Thumb screw allows for easy adjustment for cable sizes up to 1"
- Cuts in seconds with a few quick turns of the crank and an easy twist of the armor.
- Will not nick inner conductors.
- Convenient under-handle blade storage holds spare blades
- Quick load clamp system makes repeat cuts fast and easy
- Use with replacement blades Greenlee Cat #1941-1 or #1941-5

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---------------------------|--------|
| 0952-01 | 02072 | Cutter, Cable MC | .72 |
| 1941-1 | 00288 | Single Replacement Blade | — |
| 1941-5 | 33735 | 5 Pack Replacement Blades | — |

BOLT CUTTERS

Threaded Rod Cutter



- One stroke cuts through threaded rod.
- Capacity: 1/4"-20 and 3/8"-16 soft steel rod.
- Cuts clean, eliminating the need to grind or file before threading a nut onto cut end.
- Wide base for stable cutting. Includes mounting hole for fast and easy permanent mounting to work surface.
- Strong forged steel cutting head with tool steel cutting die for long life.
- Includes: Threaded Rod Cutter, 1/4" - 20 Cutting Die Set, 3/8" - 16 Cutting Die Set.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------|
| 36587 | 36587 | Threaded Rod Cutter |
| 37186 | 37186 | 1/4" - 20 Cutting Die Set |
| 37187 | 37187 | 3/8" - 16 Cutting Die Set |

Heavy-Duty Bolt Cutters with Fiberglass Handles







- Unique cam bolt blade adjustment for easy cutter alignment.
- Forged steel blades for long life.
- Clevis-mounted blades for greater strength.
- Custom rubber grips for maximum power.
- Fiberglass handles are tough and lightweight.

| CAT. NO. | UPC NO. | DESCRIPTION | CAPACITY | |
|----------------|---------|---|----------------|-----------------|
| | | | RB85 | RC40 |
| HDFBC18 | 11277 | Heavy-Duty Bolt Cutter with Fiberglass Handles 18 in. (457 mm) Long | 5/16" (7.9 mm) | 7/32" (5.6 mm) |
| HDFBC24 | 11278 | Heavy-Duty Bolt Cutter with Fiberglass Handles 24 in. (610 mm) Long | 3/8" (9.5 mm) | 9/32" (7.1 mm) |
| HDFBC30 | 11279 | Heavy-Duty Bolt Cutter with Fiberglass Handles 30 in. (762 mm) Long | 1/2" (12.7mm) | 5/16" (7.9 mm) |
| HDFBC36 | 11280 | Heavy-Duty Bolt Cutter with Fiberglass Handles 36 in. (914 mm) Long | 5/8" (15.9mm) | 11/32" (8.7 mm) |
| R 11367 | 11367 | Blade Unit for HDFBC18 | — | — |
| R 11342 | 11342 | Blade Unit for HDFBC24 | — | — |
| R 11344 | 11344 | Blade Unit for HDFBC30 | — | — |
| R 11346 | 11346 | Blade Unit for HDFBC36 | — | — |

Heavy-Duty Bolt Cutters








- Unique cam bolt blade adjustment for easy cutter alignment.
- Forged steel blades for long life.
- Clevis-mounted blades for greater strength.
- Custom rubber grips for maximum power.

| CAT. NO. | UPC NO. | DESCRIPTION | CAPACITY | |
|---|---------|--|----------------|-----------------|
| | | | Rb85* | Rc40 |
| HDBC24 | 11273 | Heavy-Duty Bolt Cutter - 24 in. (610 mm) Long | 3/8" (9.5 mm) | 9/32" (7.1 mm) |
| HDBC30 | 11274 | Heavy-Duty Bolt Cutter - 30 in. (762 mm) Long | 1/2" (12.7 mm) | 5/16" (7.9 mm) |
| HDBC36 | 11275 | Heavy-Duty Bolt Cutter - 36 in. (914 mm) Long | 5/8" (15.9 mm) | 11/32" (8.7 mm) |
| HDBC42 | 11276 | Heavy-Duty Bolt Cutter - 42 in. (1067 mm) Long | 3/4" (19.1 mm) | 3/8" (9.5 mm) |
|  11342 | 11342 | Blade Unit for HDBC24 | — | — |
|  11344 | 11344 | Blade Unit for HDBC30 | — | — |
|  11346 | 11346 | Blade Unit for HDBC36 | — | — |
|  11348 | 11348 | Blade Unit for HDBC42 | — | — |

Bolt Cutters

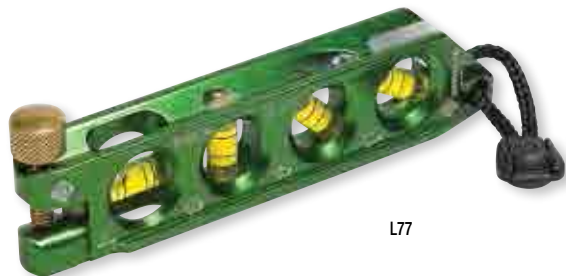


- Unique cam bolt blade adjustment for easy cutter alignment.
- Forged steel blades for long life.
- Clevis-mounted blades for greater strength.
- Custom rubber grips for maximum power.

| CAT. NO. | UPC NO. | DESCRIPTION | CAPACITY | |
|---|---------|---|----------------|-----------------|
| | | | RB85 | RC40 |
| BC14 | 11267 | Standard Bolt Cutter - 14 in. (356 mm) Long | 1/4" (6.4 mm) | 3/16" (4.8 mm) |
| BC18 | 11268 | Standard Bolt Cutter - 18 in. (457 mm) Long | 5/16" (7.9 mm) | 1/4" (6.4 mm) |
| BC24 | 11269 | Standard Bolt Cutter - 24 in. (610 mm) Long | 3/8" (9.5 mm) | 5/16" (7.9 mm) |
| BC30 | 11270 | Standard Bolt Cutter - 30 in. (762 mm) Long | 1/2" (12.7 mm) | 11/32" (8.7 mm) |
| BC36 | 11271 | Standard Bolt Cutter - 36 in. (914 mm) Long | 5/8" (15.9 mm) | 3/8" (9.5 mm) |
|  11281 | 11281 | Blade Unit for BC14 | — | — |
|  11301 | 11301 | Blade Unit for BC18 | — | — |
|  11306 | 11306 | Blade Unit for BC24 | — | — |
|  11316 | 11316 | Blade Unit for BC30 | — | — |
|  11321 | 11321 | Blade Unit for BC36 | — | — |

LEVELS, TAPE MEASURES & HAMMERS

Mini Magnetic Bubble Level



L77

- Professional grade level with bending offset aid.
- Mini torpedo design with handy “no-dog” attachment for bending.
- Three rare earth magnets provide superior holding strength.
- Four vial design - 0°, 90°, 45°, and 30°.
- Machined from aluminum alloy and anodized to aircraft standards.
- Compact size fits easily in tool pouch.
- Cutouts on top of level for easy view of vials.

| CAT. NO. | UPC NO. | DESCRIPTION | LENGTH | WEIGHT |
|----------|---------|----------------------------|-----------------|---------|
| L77 | 11617 | Mini Magnetic Bubble Level | 5-1/2" (13.9cm) | .22 lbs |

Mini-Magnet Laser Level



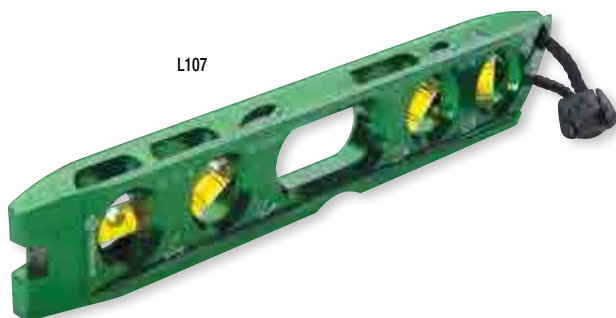
L97

- Professional grade laser level.
- Mini torpedo design with handy “no dog” attachment for bending.
- Three rare earth magnets provide superior holding strength.
- Compact size with 80-plus yard range.
- Laser is capable of working on all planes.
- Four vial design – 0°, 90°, 45° and 30°.
- Cutouts on top of level for easy view of vials.
- Offsets and calculations permanently laser engraved onto level.
- V-groove on bottom for mounting on conduit.
- Requires (2) "N" style batteries

| CAT. NO. | UPC NO. | DESCRIPTION | LENGTH | WEIGHT |
|----------|---------|-------------|-----------------|---------|
| L97 | 03582 | Laser Level | 5-5/8" (14.3cm) | .46 lbs |



Electrician's Torpedo Level



L107

- Professional grade level.
- Perfect for pipe and conduit work.
- Four rare earth magnets allow for hands-free use on metal surfaces.
- Four vial design – 0°, 30°, 45° and 90°.
- Machined from aluminum alloy and anodized to aircraft standards.
- Cutouts on top of level for easy view of vials.

| CAT. NO. | UPC NO. | DESCRIPTION | LENGTH | WEIGHT |
|----------|---------|----------------|-----------------|---------|
| L107 | 03583 | Level, Torpedo | 8-1/2" (21.6cm) | .34 lbs |

Fiberglass Measuring Tapes



- 3/4" extra-wide, heavy-duty fiberglass tape is nonconductive.
- High-impact ABS case with rubber bumpers and grip.
- 3 to 1 gear drive for fast rewinds.
- Heavy-duty end hook with loop.
- 2-sided, 2-color tape features decimal feet and fractional inches.
- Magnetic latch retains end hook for storage.
- Steel-reinforced folding handle.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | LENGTH | WEIGHT |
|----------|---------|--|--------|---------|
| 0155-100 | 13483 | Fiberglass Measuring Tapes, double sided, 100' | 100 ft | 2.1 lbs |
| 0155-200 | 13484 | Fiberglass Measuring Tapes, double sided, 200' | 200 ft | 3.1 lbs |

Power-Return Tape Measures



- Compact housing fits easily in the hand or pouch.
- Easy to use Click Lock holds tape securely.
- Tough ABS case with rubber over mold.
- Rigid 1" wide nylon coated blade is double-sided, with 6 ft. standout.
- Multi-riveted double tang foot for strength.
- 16" and 19.2" stud markings.
- 0155-7MA has Metric and English markings.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---|---------|
| 0155-25A | 12479 | Power Return Tape Measure, double tang/sided, 25 Ft. | .89 lbs |
| 0155-7MA | 12477 | Power Return Tape Measure, double tang/sided, 75meter | .89 lbs |

Electrician's Hammer



0156-11

- Elongated neck and narrow striking face for use in boxes and other confined areas.
- Long straight claws designed for electrical fixture removal.
- Lightweight, durable fiberglass handle for shock resistance.
- Cushioned grip and flared handle end for user comfort and to reduce slipping.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------------|---------|
| 0156-11 | 54698 | 18 oz. Electrician's Hammer | 1.7 lbs |

Straight Claw Hammer



0156-12

- Universal design perfect for a variety of applications.
- Lightweight, durable fiberglass handle for shock resistance.
- Cushioned grip and flared handle end for user comfort and to reduce slipping.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------------|----------|
| 0156-12 | 89266 | 16 oz. Straight Claw Hammer | 1.57 lbs |

FLASHLIGHTS

Aluminum LED Flashlights

**NEW
PRODUCT**



- Long-life 50,000 hour LED light source
- 1 watt LED (D and C sizes) and .5 watt LED (AA sizes)
- 2 brightness settings to extend battery life (for D and C sizes)
- Digitally regulated for constant brightness
- 4 times the battery life of equivalent Xenon
- Aircraft grade anodized aluminum
- Rugged all-weather design
- Anti-roll feature
- Batteries included

| CAT. NO. | UPC NO. | DESCRIPTION | BATTERIES | BRIGHTNESS | WEIGHT |
|----------|---------|------------------------------|-----------------|--------------|---------|
| FL2AA | 13494 | LED Aluminum Flashlight, 2AA | (2) AA Alkaline | 20 lumens | .4 lbs |
| FL2C | 13495 | LED Aluminum Flashlight, 2C | (2) C Alkaline | 85/30 lumens | 1 lbs |
| FL2D | 13497 | LED Aluminum Flashlight, 2D | (2) D Alkaline | 85/30 lumens | 1.6 lbs |

Flexible LED Flashlight

**NEW
PRODUCT**



- Small 9/32" head will illuminate tight spaces other flashlights cannot.
- 16" flexible PVC coated cable will bend and hold the desired state.
- Runs up to 100 hours on two AA batteries (included).
- Rugged white LED light source lasts over 50,000 hours.
- Anodized aluminum housing with push-button ON/OFF switch on tail-cap.
- Note: This is not an insulated tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-------------------------|---------|
| FL2AAF | 10220 | Flexible LED Flashlight | .33 lbs |

LED Plastic Flashlights

NEW PRODUCT



- Powerful LEDs in compact form.
- Rugged, all-weather construction.
- Batteries are included.
- Attachment accessories for added ease-of-use and increased versatility.
- FL2AAAPM, FL4AAP and FLHEAD offer a hands-free option.

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|----------------------------------|
| FL2AAAP | 13493 | LED Penlight |
| FL2AAAPM | 13492 | LED Mini Pocket Light |
| FL4AAP | 13498 | LED Waterproof Flashlight |
| FL4AAP-HM | 13539 | Universal Flashlight Helmet Clip |
| FL4AAP-PCH | 13540 | Nylon Belt Pouch |
| FLHEAD | 13543 | Head Lamp |



SPECIFICATIONS

FL2AAAP

FL2AAAPM

FL4AAP

FLHEAD

| SPECIFICATIONS | FL2AAAP | FL2AAAPM | FL4AAP | FLHEAD |
|----------------------------|---------------------------|---|---|---|
| PLASTIC HOUSING | | | | |
| Type | Rugged Lexan | Rugged ABS | Rugged ABS | Rugged ABS |
| Seal | Yes, against water & dust | Yes, against water & dust | Yes, against water & dust | Yes, against water & dust |
| Waterproof | 3 Feet/1 Meter | 30 Feet/9 Meters | 10 Feet/3 Meters | 33 Feet/10 Meters |
| LED LIGHT BULB | | | | |
| Bulb Life | 50,000 Hours | 50,000 Hours | 50,000 Hours | 50,000 Hours |
| Wattage | 0.1 Watt | 0.1 Watt | 2 Watt | 1 Watt |
| Lumen | 7 Lumen | 7 Lumen | 120 Lumen | 42 High/19 Low Lumen |
| Beam Distance | 46 Feet/14 Meters | 46 Feet/14 Meters | 631 Feet/192 Meters | 127-197 Feet/39-60 Meters |
| Beam Pattern | Normal | Normal | Normal | 3-spot, diffuse and red diffuse withrotating beam angle adjustment |
| BATTERY | | | | |
| Life | 14-15 Hours | 14-15 Hours | 4-5 Hours | 5 (Hi)-12 (Low) Hours |
| Type | (2) AAA Alkaline | (2) AAA Alkaline | (4) AA Alkaline | (3) AAA Alkaline |
| OPTIONS | | | | |
| Included | Pocket Clip | Key-Ring Attachment & Detachable Clip | None | Elastic Head Strap & Rubber Hard Hat Stap |
| Add-On | None | None | Pouch and/or Helmet Clip | None |
| DIMENSIONS | | | | |
| Size | 5.2 x .8 in/132 x 21 mm | 2.9 x 1.1 x .74 in/74 x 28 x 19 mm | 6.3 x 1.6 x 1.4 in/160 x 40 x 35 mm | 2.9 x 1.4 x 1.8 in/73 x 37 x 46 mm |
| Weight | 1.5 oz/43 g | 1.3 oz/37 g | 5.6 oz/158 g | 3.9 oz/110 g |
| ADDITIONAL FEATURES | | | | |
| Certifications | None | None | UL/CSA Class 1, Div 1 | UL/CSA Class 1, Div 1 |
| Rating | None | None | Hazardous Environment | Hazardous Environment |
| Switch | Twist on/off bezel switch | Rubber covered push on/off momentary switch | Rubber covered push button switch | Twist on/off bezel switch |
| Performance | None | None | Thermal Recovery System recycles heat from the LED to warm batteries for improved performance in low temperatures | Thermal Recovery System recycles heat from the LED to warm batteries for improved performance in low temperatures |

TOOL BAGS, POUCHES & BELTS

20" Electrician's Bag



0158-11

- Constructed of heavy-duty canvas for durability.
- Sixteen canvas, interior & exterior pockets for additional versatility.
- Full-grain leather bottom, sides and riveted buckle straps.
- Washer rivets for extra strength.
- Wrap around handles with reinforced stitching fully support bag bottom for heavy load capacity.
- Reinforced bottom helps retain bag shape, while protecting and supporting tools.
- Large-opening steel-framed mouth with hinge for rugged use and easy access to contents.

SPECIFICATIONS

Dimensions L - 20" (50.8 cm), W- 12" (30.5 cm), H - 10" (25.4 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|------------------------------|-----------|
| 0158-11 | 56334 | 20" Electrician's Canvas Bag | 4.25 lbs. |

18" Heavy-Duty Multi-Pocket Bag



0158-12

- Constructed of heavy-duty nylon for longer life.
- Thirty-one multi-use reinforced pockets, inside and out help organize tools and accessories.
- Large-opening steel-framed mouth with hinge and zipper for rugged use and easy access to contents.
- Padded handles and adjustable shoulder strap for comfort and versatility.
- Large interior to easily carry power tools, fish tapes and other large tools.
- Wrap around handles with reinforced stitching fully support bag bottom for heavy load capacity.
- Elastic straps on outside of bag for levels, hammers and crowbars.

SPECIFICATIONS

Dimensions L - 18" (45.7 cm), W- 11" (27.9 cm), H - 10" (25.4 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---------------------------------|-----------|
| 0158-12 | 56335 | 18" Heavy-Duty Multi-pocket Bag | 3.55 lbs. |

11" Cordura® Open Tool Carrier



0158-13

- Constructed of a double-layer of rugged, lightweight Cordura® fabric.*
- Versatile thirty-seven pocket and loop design keeps tools organized.
- Large square opening with snap handle allows for easy access to spacious interior and pockets.
- Box-shaped design and sturdy reinforced bottom with rubber feet prevent tipping.
- Heavy-duty box stitching with washer riveting at all stress points for extra strength and longer life.
- Padded handle, adjustable shoulder strap and additional built-in straps for extra versatility.
- Heavy-duty tape measure holder accepts and holds any size tape securely.

SPECIFICATIONS

Dimensions L - 11" (27.9 cm), W- 9" (22.9 cm), H - 10" (25.4 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-------------------------------|-----------|
| 0158-13 | 56336 | 11" Cordura Open Tool Carrier | 4.55 lbs. |

*Cordura® is a registered trademark for durable fabric.

16" Tool Carrier with Parts Bin



- Versatile 15-pocket design accommodates a wide variety of hand tools.
- 13" x 9" multi-compartment plastic tray for small parts storage including connectors, wire nuts, screws, etc.
- Padded shoulder strap and carrying handle.
- Metal tool clip, electrical tape strap, tape measure clip and 4 pencil/punch tubes.
- Main pocket with web loops to accommodate large tools.
- Constructed of heavy-duty fabric for durability.
- Steel-reinforced edges to maintain shape.

SPECIFICATIONS

Dimensions H - 10" (25.4 cm), D - 10" (25.4 cm), W - 16" (40.6 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-------------------------------------|----------|
| 0158-19 | 13388 | 16" Tool Carrier Bag with Parts Bin | 4.1 lbs. |

3-Piece Pouch/Belt Combo



- Pouch handles allow for easy carrying and storage without spilling tools.
- Design features two versatile pouches that are removable and interchangeable.
- 3" padded belt features foam core padding for extra comfort and support of heavy tools.
- Double layer heavy-duty fabric for durability; will not rot, crack or mildew.
- Cordless drill holster.
- Includes electrician's metal tape chain, hammer loop and tool clip for convenience.
- Made to fit 29"-46" waist.

SPECIFICATIONS

Dimensions H - 13" (33 cm), D - 5" (12.7 cm), L - 53" (134.6 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--------------------------|----------|
| 0158-16 | 89205 | 3-Piece Pouch/Belt Combo | 3.3 lbs. |

7 Pocket Caddy

0158-17



- Constructed of a double-layer of rugged, lightweight Cordura® fabric.
- Versatile seven-pocket design easily accommodates a wide variety of professional hand tools.
- Large capacity pockets allow for easy access to contents.
- Extra versatile design may be carried using handle or worn on a tool belt.
- Padded handle design for easy storage.
- Heavy-duty electrical tape chain.
- Heavy-duty tape measure holder accepts and holds any size tape securely.

SPECIFICATIONS

Dimensions H - 11" (27.9 cm), W - 8" (20.3 cm), D - 4" (10.1 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|----------------|----------|
| 0158-17 | 13386 | 7 Pocket Caddy | .95 lbs. |

*Cordura® is a registered trademark for durable fabric.

20-Pocket Tool Caddy

0158-15



- Constructed of a double-layer of rugged, lightweight Cordura® fabric.*
- Versatile twenty-pocket design easily accommodates a wide variety of professional hand tools.
- Large capacity pockets allow for easy access to contents.
- Padded handle and shoulder strap design for easy storage and the best way to carry a loaded tool pouch.
- Heavy-duty tool snap and electrical tape strap.
- Steel hammer holder loop.
- Extra versatile design may be carried using shoulder strap or handle, or worn on a tool belt.
- Heavy-Duty tape measure holder accepts and holds any size tape securely.

SPECIFICATIONS

Dimensions L - 10" (25.4 cm), W- 7" (17.8 cm), H - 13" (33.0 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|----------------------|-----------|
| 0158-15 | 56337 | 20-Pocket Tool Caddy | 1.45 lbs. |

*Cordura® is a registered trademark for durable fabric.

Heavy-Duty 8-Pocket Leather Pouch

0258-11



- Large, divided main pocket area designed for easy storage and tool access.
- Four smaller compartments for additional tool organization.
- Washer rivets for extra strength.
- Extra large metal tool clip.
- Tapered compartments for tool stability.
- Tape chain included.
- Fits belts up to 3" wide.
- Top grain leather – won't fade or stain.
- Heavy-Duty tape measure holder accepts and holds any size tape securely.

SPECIFICATIONS

Dimensions L - 7" (17.8 cm), W- 6" (15.2 cm), H - 10-1/2" (26.7 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------------------|----------|
| 0258-11 | 56339 | Heavy-Duty 8-Pocket Leather Pouch | 1.8 lbs. |

Heavy-Duty 5-Pocket Leather Pouch



0258-13

- Large main pocket area designed for easy storage and tool access.
- Four smaller compartments for additional tool organization.
- Washer rivets for extra strength.
- Extra large metal tool clip.
- Tapered compartments for tool stability.
- Tape chain included.
- Fits belts up to 3" wide.
- Top grain leather – won't fade or stain.
- Heavy-Duty tape measure holder accepts and holds any size tape securely.

SPECIFICATIONS

Dimensions L - 6" (15.2 cm), W- 3-1/2" (8.9 cm), H - 11" (27.9 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------------------|----------|
| 0258-13 | 56340 | Heavy-Duty 5-Pocket Leather Pouch | 1.2 lbs. |

Heavy-Duty 4-Pocket Leather Pouch



0258-14

- Four compact pocket areas designed for easy storage and tool access.
- Washer rivets for extra strength.
- Metal tool clip.
- Tapered compartments for tool stability.
- Tape chain included.
- Fits belts up to 3" wide.
- Top grain leather – won't fade or stain.

SPECIFICATIONS

Dimensions L - 5" (12.7 cm), W- 2-3/4" (7.1 cm), H - 9" (22.9 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------------------|----------|
| 0258-14 | 56341 | Heavy-Duty 4-Pocket Leather Pouch | .43 lbs. |

Heavy-Duty Leather Tool Belt



9858-11

- 2" wide leather belt
- Steel roller double-pronged buckle
- Can be cut to fit 29" to 52" waist

SPECIFICATIONS

Dimensions L - 57" (121 cm), H - 2" (5.1 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|------------------------------|----------|
| 9858-11 | 56347 | Heavy Duty Leather Tool Belt | .63 lbs. |

Padded Tool Belt



9858-12

- 5" wide padded tool belt.
- Sturdy construction for support of heavy tool pouches.
- Foam core padding for extra comfort.
- Double layer of rugged, lightweight fabric will not rot, crack, harden or mildew.
- Steel roller double-pronged buckle.
- Made to fit 30" to 46" waist

SPECIFICATIONS

Dimensions L - 50" (12.7 cm), H - 5" (12.7 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---------------------|----------|
| 9858-12 | 56348 | 5" Padded Tool Belt | .93 lbs. |

12" Canvas Zipper Bag



0158-14

- Constructed of heavy-duty canvas for durability.
- Strong zipper for secure closing.
- Stores multiple small items or tools.

SPECIFICATIONS

Dimensions L - 12" (30.5 cm), H - 7" (17.8 cm)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------|----------|
| 0158-14 | 56338 | 12" Canvas Zipper Bag | .17 lbs. |

LINEMAN BUCKETS AND BAGS

22 Pocket Oval Bucket

NEW PRODUCT



- 18 oz Heavy-duty canvas
- Molded plastic base and top ring
- Cotton webbing handle and adjustable shoulder strap
- 22 Pockets-13 exterior and 9 interior
- Tripod rope handle with nickel-plated swivel hook
- Rated for 55 lbs safe working capacity (25 kg)

SPECIFICATIONS

| | |
|--------------------------|--|
| Finish | Nickel-Plated Swivel Hook |
| Load Capacity | 55 LB (25 KG) |
| Material | Canvas, Plastic Base And Top Ring, Cotton Webbing Handle |
| Number of Pockets | 13 Exterior, 9 Interior |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| UT158-30 | 04872 | 22 Pocket Oval Bucket, Rated for 55 lbs Safe Working Capacity (25 kg) |

14 Pocket Oval Bucket

NEW PRODUCT



- 18 oz Heavy-duty canvas
- Molded plastic base and top ring
- Cotton webbing handle and adjustable shoulder strap
- Heavy-duty large hanging grommets
- 14 Interior pockets
- Rated for 55 lbs safe working capacity (25 kg)

SPECIFICATIONS

| | |
|--------------------------|--|
| Load Capacity | 55 LB (25 KG) |
| Material | Canvas, Plastic Base And Top Ring, Cotton Webbing Handle |
| Number of Pockets | 14 Interior |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| UT158-33 | 04874 | 14 Pocket Oval Bucket, Rated for 55 lbs Safe Working Capacity (25 kg) |

12.5" x 15" Round Bucket

NEW PRODUCT



- 18 oz Heavy-duty canvas
- Molded plastic base and top ring
- Polypropylene rope handle with nickel-plated swivel hook
- Interior pocket
- Rated for 100 lbs safe working capacity (45 kg)

SPECIFICATIONS

| | |
|----------------------|--|
| Dimensions | 12.5 Diameter X 15 Height |
| Finish | Nickel-Plated Swivel Hook |
| Load Capacity | 100 LB (45 KG) |
| Material | Canvas, Plastic Base And Top Ring, Polypropylene Rope Handle |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| UT158-32 | 04873 | 12.5" x 15" Round Bucket, Rated for 100 lbs Safe Working Capacity (45 kg) |

12.5" x 17" Large Leather-Bottom Round Bucket

NEW
PRODUCT



- 20 oz Heavy-duty canvas
- Leather reinforced base
- Molded plastic top ring
- Polypropylene rope handle with nickel-plated swivel hook
- Interior pocket
- Rated for 150 lbs safe working capacity (68 kg)

SPECIFICATIONS

| | |
|----------------------|--|
| Dimensions | 12.5 Diameter X 17 Height |
| Finish | Nickel-Plated Swivel Hook |
| Load Capacity | 150 LB (68 KG) |
| Material | Canvas, Leather Base, Plastic Top Ring |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| UT158-34 | 04875 | 12.5" x 17" Large Leather-bottom Round Bucket, Rated for 150 lbs Safe Working Capacity (68 kg) |

12.5" x 13" Round Tapered Bucket

NEW
PRODUCT



- 18 oz Heavy-duty canvas
- Molded plastic base and top ring
- Polypropylene rope handle with nickel-plated swivel hook
- 15 Interior pockets
- 12.5" wide & 10" base
- Rated for 75 lbs safe working capacity (34 kg)

SPECIFICATIONS

| | |
|----------------------|--|
| Dimensions | 12.5" diameter x 13" Height |
| Finish | Nickel-plated Swivel Hook |
| Load Capacity | 75 lbs (34 Kg) |
| Material | Canvas, plastic base, plastic top ring |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| UT158-35 | 04876 | 12.5" x 13" Round Tapered Bucket, Rated for 75 lbs Safe Working Capacity (34 kg) |

12.5" Round Bucket Top

NEW
PRODUCT



- 18 oz Heavy-duty canvas
- Rugged YKK buckles
- Patent-pending

SPECIFICATIONS

| | |
|-------------------|---------------|
| Dimensions | 12.5 Diameter |
| Material | Canvas |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------|
| UT158-43 | 04877 | 12.5" Round Bucket Top |

Utility Pouch

**NEW
PRODUCT**



- 16 oz Heavy-duty canvas
- 3 Exterior tool pockets
- Nickel-plated storm drain
- Strap attachment

SPECIFICATIONS

Finish Nickel-Plated Storm Drain
Material Canvas
Number of Pockets 3 Exterior

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------|
| UT158-40 | 04878 | Utility Pouch |

Bolt Bag

**NEW
PRODUCT**



- 20 oz Heavy-duty canvas
- Nickel-plated rivets
- 6 and 12-ply Nylon stitching
- 2 Exterior tool loops
- Loop attachment

SPECIFICATIONS

Finish Nickel-Plated Rivets
Material Canvas, 6 And 12-Ply Nylon Stitching
Number of Pockets 2 Exterior

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
| UT158-42 | 04879 | Bolt Bag |

19" Large Glove Bag

**NEW
PRODUCT**



- 16 oz Heavy-duty canvas
- 8" x 2.75" x 19"
- Nickel-plated snap closures
- Screened nickel-plated storm drains
- Two-way snap on back

SPECIFICATIONS

Dimensions 8 Length X 2.75 Width X 19 Height
Finish Nickel-Plated Storm Drains And Snap Closures

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------|
| UT158-44 | 04880 | 19" Large Glove Bag |

Bucket Hook

**NEW
PRODUCT**



- Reinforced nylon 66
- Universal design

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
| UT158-50 | 04881 | Bucket Hook |

INSULATED PLIERS, CUTTERS & CRIMPERS



A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT: www.youtube.com/GreenleeDEMO

Insulated Pliers



1000 V



0151-09-INS



0251-08A-INS



0351-08-INS



0451-10-INS

- Forged from chrome vanadium steel for greater strength and long life.
- High leverage design provides greater cutting power, reducing fatigue.
- Independently tested to meet or exceed IEC and ASTM standards.
- Safety orange handles provide visibility and are easily identifiable.
- Dual layer insulation for maximum protection.
- Guards protect hand from accidental contact of energized source.
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | WT |
|-----------------------|---------|--|----------|
| N 0151-09-INS | 13456 | Pliers, Sidecut, 9", Insulated, Molded Handles | 1.22 lbs |
| N 0251-08A-INS | 13454 | Pliers, Diagonal, 8", Insulated, Molded Handles | .72 lbs |
| N 0351-08-INS | 13455 | Pliers, Long Nose, 8", Insulated, Molded Handles | .72 lbs |
| N 0451-10-INS | 13453 | Pliers, Pump, 10", Insulated, Molded Handles | 1.13 lbs |

Insulated High Leverage Cable Cutter



1000 V



727-INS

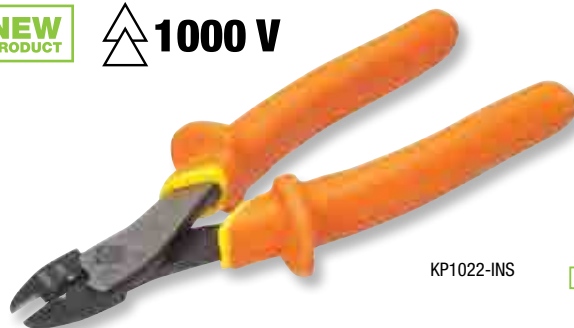
- Cuts up to 2/0 copper and aluminum cables and 100 pair communications cables.
- High leverage design provides greater cutting power, reducing fatigue.
- Precision ground, beveled, shear action blades cut cable cleanly each time.
- Independently tested to meet or exceed IEC and ASTM standards.
- Safety orange handles provide visibility and are easily identifiable.
- Dual layer insulation for maximum protection.
- Guards protect hand from accidental contact of energized source.
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|------------------|---------|--|---------|
| N 727-INS | 31402 | Cable Cutter, High Leverage, Insulated, Molded Handles | 1.3 lbs |

Insulated Terminal Crimping Tool



1000 V



KP1022-INS

- For crimping both 10-22 AWG insulated and non-insulated terminals and connectors.
- Independently tested to meet or exceed IEC and ASTM standards
- Safety orange handles provide visibility and are easily identifiable.
- Dual layer insulation for maximum protection.
- Guards protect hand from accidental contact of energized source.
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|---------------------|---------|--|----------|
| N KP1022-INS | 31403 | Crimping Tool, Terminal, Insulated, Molded Handles | 1.05 lbs |

Insulated Ratchet Cable Cutters



- Exclusive 2-speed ratcheting mechanism adjusts for light / heavy duty cutting
- Simple one-handed operation
- Blades can be opened mid-cycle
- Independently tested to meet or exceed IEC and ASTM standards
- Dual layer insulation for maximum protection.
- Guards protect hand from accidental contact of energized source.
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--|
| 45206I | 12680 | Ratchet Cable Cutter with insulated Handles (1.5 lbs/.7 kg) |
| 45207I | 12681 | Ratchet Cable Cutter with insulated Handles (2.4 lbs/1.1 kg) |
| R 45218 | 45218 | Movable Blade (45206 & 45206I) |
| R 45212 | 45212 | Fixed Blade (45206) |
| R 12526 | 12526 | Fixed Blade (45206I) |
| R 45211 | 45211 | Movable Blade (45206 & 45206I) |
| R 45228 | 45228 | Fixed Blade (45207) |
| R 05883 | 05883 | Fixed Blade (45207I) |

SPECIFICATIONS

| | COPPER | ALUMINUM | COMMUNICATION CABLE |
|------------------------|---------------------------------------|--|-------------------------|
| 45206I | | | |
| Maximum Capacity* | 600 kcmil (MCM)(300 mm ²) | 600 kcmil (MCM)(300 mm ²) | 1-3/8" (35 mm) diameter |
| Frequent use Capacity* | 500 kcmil (MCM)(240 mm ²) | 500 kcmil (MCM)(240 mm ²) | |
| 45207I | | | |
| Maximum Capacity* | 750 kcmil (MCM)(400 mm ²) | 1000 kcmil (MCM)(500 mm ²) | 2" (51 mm) diameter |
| Frequent use Capacity* | 600 kcmil (MCM)(300 mm ²) | 750 kcmil (MCM)(400 mm ²) | |

Insulated Plier and Screwdriver Set

NEW PRODUCT



1000 V



0159-01-INS

- Independently tested to meet or exceed IEC and ASTM standards.
- Dual layer insulation for maximum protection.
- Guards protect hand from accidental contact of energized source.
- Lifetime limited warranty.
- Custom tool roll-up carrier.

Kit Includes:

9" Insulated Side-Cutting Pliers, 8" Insulated Diagonal Cutting Pliers, 8" Insulated Long-Nose Pliers, 10" Insulated Pump Pliers, 3/16"x4" Insulated Cabinet Tip Screwdriver, 1/4"x4" Insulated Cabinet Tip Screwdriver, #2x4" Insulated Phillips Tip Screwdriver, Custom Tool Roll-Up Carrier

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|-------------|---------|---|----------|
| 0159-01-INS | 10627 | Plier & Screwdriver, Insulated Kit, 7 Piece Kit | 4.94 lbs |

INSULATED DRIVERS

9-Piece Insulated Screwdriver Set



VIDEO

A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:

www.youtube.com/GreenleeDEMO

NEW PRODUCT



1000 V



- Exceeds the IEC 60900 and ASTM F1505 standards for insulated tools.
- Helps meet the requirements of OSHA 1910.331-335, NFPA 70E & CSA-Z462.
- Cushion grip handles for comfort and torque
- Dual layer insulation provides added safety and protection against electric shock.
- Custom Tool Roll-Up Carrier
- Lifetime limited warranty.

Kit Includes:

#1x3" Insulated Screwdriver, #2x4" Insulated Screwdriver, #3x6" Insulated Screwdriver, 1/4"x4" Insulated Cabinet Tip Screwdriver, 3/16"x4" Insulated Cabinet Tip Screwdriver, 3/16"x6" Insulated Cabinet Tip Screwdriver, 3/16"x8" Insulated Cabinet Tip Screwdriver, 5/16"x6" Insulated Cabinet Tip Screwdriver, 3/8"x10" Insulated Cabinet Tip Screwdriver, Custom Tool Roll-Up Carrier

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|-------------|---------|-------------------------------------|---------|
| 0153-01-INS | 13439 | Screwdriver, Insulated, 9 Piece Kit | 3.1 lbs |

Insulated Screwdrivers

NEW PRODUCT



1000 V



- Rated to 1000V AC and exceed both ASTM and IEC standards.
- Built heavy-duty for longer life.
- Built with precision-machined, black phosphate-plated tips for accurate fastener contact.
- Cushion grip handles for comfort and torque
- Dual color insulation provides added safety.
- Lifetime Limited Warranty.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------|---------|---|
| 0153-11-INS | 13443 | Screwdriver, Insulated, Cabinet Tip, 1/4" X 4" |
| 0153-15-INS | 13447 | Screwdriver, Insulated, Cabinet Tip, 5/16" X 6" |
| 0153-17-INS | 13448 | Screwdriver, Insulated, Cabinet Tip, 3/8" X 10" |
| 0153-21-INS | 13444 | Screwdriver, Insulated, Cabinet Tip, 3/16" X 4" |
| 0153-22-INS | 13445 | Screwdriver, Insulated, Cabinet Tip, 3/16" X 6" |
| 0153-23-INS | 13446 | Screwdriver, Insulated, Cabinet Tip, 3/16" X 8" |
| 0153-31-INS | 13440 | Screwdriver, Insulated, #1 X 3" |
| 0153-33-INS | 13441 | Screwdriver, Insulated, #2 X 4" |
| 0153-35-INS | 13442 | Screwdriver, Insulated, #3 X 6" |
| 0353-32-INS | 13451 | Screwdriver, Insulated, Sq Tip, #1 X 6" |
| 0353-33-INS | 13451 | Screwdriver, Insulated, Sq Tip, #2 X 6" |

CABINET TIP

| SPECIFICATIONS | 1/4" X 4" | 5/16" X 6" | 3/8" X 10" | 3/16" X 4" | 3/16" X 6" | 3/16" X 8" |
|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Overall Length | 8-1/4" (21.0 cm) | 10-7/8" (27.6 cm) | 14-7/8" (37.8 cm) | 7-3/4" (19.7 cm) | 9-3/4" (24.8 cm) | 11-5/8" (29.5 cm) |
| Weight | .26 lbs. (.12 kg) | .40 lbs. (.18 kg) | .61 lbs. (.28 kg) | .16 lbs. (.07 kg) | .19 lbs. (.08 kg) | .21 lbs. (.09 kg) |

PHILLIPS TIP

| SPECIFICATIONS | #1 X 3" | #2 X 4" | #3 X 6" |
|----------------|-------------------|-------------------|-------------------|
| Overall Length | 6-3/4" (17.1 cm) | 8-1/4" (21.0 cm) | 10-7/8" (27.6 cm) |
| Weight | .15 lbs. (.07 kg) | .24 lbs. (.11 kg) | .40 lbs. (.18 kg) |

SQUARE TIP

| SPECIFICATIONS | #1 X 3" | #2 X 4" |
|----------------|-------------------|-------------------|
| Overall Length | 6-3/4" (17.1 cm) | 8-1/4" (21.0 cm) |
| Weight | .15 lbs. (.07 kg) | .24 lbs. (.11 kg) |

7-Piece Insulated Nut Holding Nut Driver Set

NEW PRODUCT

LIFETIME WARRANTY

1000 V



- Exceeds the IEC 60900 and ASTM F1505 standards for insulated tools.
- Patent pending Nut-Holding, non-magnetic design – won't collect metal filings, works with stainless steel and brass.
- Complies with the IEC 60900 & ASTM F1505 standards.
- Helps meet the requirements of OSHA 1910.331-335, NFPA 70E & CSA-Z462.
- Dual layer insulation provides added safety and protection against electric shock.
- Custom Tool Roll-Up Carrier
- Lifetime limited warranty.

Kit Includes:

3/16"x6" Insulated Nut Driver, 1/4"x6" Insulated Nut Driver, 5/16"x6" Insulated Nut Driver, 11/32"x6" Insulated Nut Driver, 3/8"x6" Insulated Nut Driver, 7/16"x6" Insulated Nut Driver, 1/2"x6" Insulated Nut Driver, Custom Tool Roll-Up Carrier

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|---------------|---------|--|---------|
| 0253-03NH-INS | 13473 | Insulated Nut Holding Nut Drivers, 7 Piece Kit | 3.1 lbs |

Insulated Nut Holding Nut Drivers

NEW PRODUCT

LIFETIME WARRANTY

1000 V



0253-13NH-INS

- Rated to 1000V AC and exceed both ASTM and IEC standards.
- Built heavy-duty for longer life.
- Cushion grip handle for more comfort and torque.
- Lifetime Limited Warranty.
- Patent pending Nut-Holding, non-magnetic design – won't collect metal filings, works with stainless steel and brass.

| CAT. NO. | UPC NO. | DESCRIPTION |
|---------------|---------|--|
| 0253-17NH-INS | 13480 | Insulated Nut Holding Nut Drivers, 1/2" X 6" |
| 0253-12NH-INS | 13475 | Insulated Nut Holding Nut Drivers, 1/4" X 6" |
| 0253-14NH-INS | 13477 | Insulated Nut Holding Nut Drivers, 11/32" X 6" |
| 0253-11NH-INS | 13474 | Insulated Nut Holding Nut Drivers, 3/16" X 6" |
| 0253-15NH-INS | 13478 | Insulated Nut Holding Nut Drivers, 3/8" X 6" |
| 0253-13NH-INS | 13476 | Insulated Nut Holding Nut Drivers, 5/16" X 6" |
| 0253-16NH-INS | 13479 | Insulated Nut Holding Nut Drivers, 7/16" X 6" |

| SPECIFICATIONS | 3/16" | 1/4" | 5/16" | 11/32" | 3/8" | 7/16" | 1/2" |
|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Overall Length | 10-1/4" (26.0 cm) | 10-1/4" (26.0 cm) | 10-1/4" (26.0 cm) | 10-1/4" (26.0 cm) | 10-1/4" (26.0 cm) | 10-7/8" (27.6 cm) | 10-7/8" (27.6 cm) |
| Weight | 0.33 lbs. (.15 kg) | 0.33 lbs. (.15 kg) | 0.36 lbs. (.16 kg) | 0.37 lbs. (.17 kg) | 0.37 lbs. (.17 kg) | 0.46 lbs. (.21 kg) | 0.50 lbs. (.23 kg) |

SAFETY PRODUCTS

Safety Vests

**NEW
PRODUCT**



- 3 styles of Class 2 Hi-Vis vests, all of top quality materials and construction
- Tradesman 2-tone vest for extra visibility, standard Tradesman and Surveyor's vest with extra pockets - 3 sizes each
- 3M Scotchlite™† reflective material for maximum performance
- ANSI compliant background material offers conformance and comfort
- Mesh fabric is lightweight and provides ventilation

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|---|
| 01761-01M | 00205 | Vest, Hi-Vis Tradesman, Class 2, S/M |
| 01761-01L | 00206 | Vest, Hi-Vis Tradesman, Class 2, L/XL |
| 01761-01XL | 00207 | Vest, Hi-Vis Tradesman, Class 2, 2XL/3XL |
| 01761-02M | 00208 | Vest, Hi-Vis Tradesman 2-Tone, Class 2, S/M |
| 01761-02L | 00209 | Vest, Hi-Vis Tradesman 2-Tone, Class 2, L/XL |
| 01761-02XL | 00210 | Vest, Hi-Vis Tradesman 2-Tone, Class 2, 2XL/3XL |
| 01761-03M | 00211 | Vest, Hi-Vis Surveyor, Class 2, S/M |
| 01761-03L | 00212 | Vest, Hi-Vis Surveyor, Class 2, L/XL |
| 01761-03XL | 00213 | Vest, Hi-Vis Surveyor, Class 2, 2XL/3XL |



Tradesman
2-Tone



Tradesman



Surveyor

Hats

**NEW
PRODUCT**



Wide Brim

Ball Cap

- 2 styles of hats - ANSI compliant provides both Hi-Vis functionality and fashion
- Ball Cap style with front brim and Wide Brim hat keeps sun off face, ears and neck
- Mesh venting panels reduce heat buildup and perspiration

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------|
| 04761-01 | 00214 | Hat, Hi-Vis Ball Cap |
| 04761-02 | 00216 | Hat, Hi-Vis Wide brim |

†Scotchlite™ is a trademark of the 3M Corporation.

Gloves

NEW PRODUCT



Handyman



Handyman Nitrile



Tradesman



Tradesman Fingerless



Workman Pro



Workman Pro Thinsulate™

- 3 styles of top quality, high dexterity gloves – 2 sizes each
- Light-duty Nitrile dipped gloves for resistance to abrasion, punctures and improved grip
- Fingerless Gloves for absolute maximum dexterity and ventilation
- 3M™ Thinsulate™ Gloves to protect the hands and keep them warm and sweat-free while in cold weather
- Glove Clips – easy clip on/off design for attaching gloves to belt, clothing or equipment. Keeps them handy and minimizes accidental loss

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|------------------------------------|
| 0358-13L | 00117 | Gloves, Handyman L |
| 0358-13XL | 00118 | Gloves, Handyman XL |
| 0358-14L | 00120 | Gloves Tradesman L |
| 0358-14XL | 00121 | Gloves Tradesman XL |
| 0358-15L | 00130 | Gloves Workman Pro L |
| 0358-15XL | 00131 | Gloves Workman Pro XL |
| 06765-10L | 00222 | Gloves, Tradesman Finger less, L |
| 06765-10XL | 00223 | Gloves, Tradesman Fingerless, XL |
| 06765-11L | 00224 | Gloves, Handyman Nitrile, L |
| 06765-11XL | 00225 | Gloves, Handyman Nitrile, XL |
| 06765-12L | 00233 | Gloves Workman Pro Thinsulate™, L |
| 06765-12XL | 00234 | Gloves Workman Pro Thinsulate™, XL |
| 9858-15 | 00235 | Glove Clips |



Glove Clips

Safety Glasses

NEW PRODUCT



Tradesman Smoke



Two-Tone Smoke



Tradesman Amber



Pro-View Mirror



Tradesman Clear



Frameless Clear



Overwrap Clear



Bi-focals

- 8 styles of ANSI compliant eyewear to meet the varied needs and tastes of the trade professional
- 2 models with clear lenses for all-around activities
- 2 sunglass styles for outdoor work
- Amber lens for overcast, low-light conditions
- REVO mirror lens for ultimate style and protection
- “Cheater” bi-focal lens option for those who need to see close up
- Overwrap-style to fit over prescription glasses or for visitors

| CAT. NO. | UPC NO. | DESCRIPTION |
|---------------|---------|---|
| 01762-01C | 00181 | Safety Glasses, Tradesman, Clear |
| 01762-01S | 00196 | Safety Glasses, Tradesman, Smoke |
| 01762-02C-150 | 00193 | Safety Glasses, Bi-focals, 150 Pwr, Clear |
| 01762-03A | 00197 | Safety Glasses, Tradesman, Amber |
| 01762-04M | 00198 | Safety Glasses, Pro View, Mirror |
| 01762-05S | 00199 | Safety Glasses, Two Tone, Smoke |
| 01762-06C | 00200 | Safety Glasses, Frameless, Clear |
| 01762-07C | 00201 | Safety Glasses, Over-wrap, Clear |

Knee Pads

NEW PRODUCT



Tradesman

Workman Pro

- Swivel Cap Knee Pads – foam padding with rounded hard cap provides comfort when frequently swiveling and pivoting on the knees
- Slip Resistant Knee Pads – extra padding and expanded hard rubber cap for better grip on wet or dry surfaces

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------|
| 01765-01 | 00203 | Knee Pad, Tradesman |
| 01765-02 | 00204 | Knee Pad, Workman Pro |

Warm Weather

NEW PRODUCT



Cap



Hard Hat Liner



Hard Hat Pad



Bandana

- Cooling Products – Designed to be dipped in water; effectively keeps body temperature down and reduces overheating

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|-------------------------------------|
| 06762-01 | 00236 | Cap, Evaporative Cooling |
| 06762-02HB | 00237 | Hard Hat Liner, Evaporative Cooling |
| 06762-02HH | 00238 | Hard Hat Pad, Evaporative Cooling |
| 06762-04G | 00240 | Bandana, Evaporative Cooling |

Cold Weather

NEW PRODUCT



Shoe Traction Attachment



Balaclava

- Available in 2 sizes - steel studded slip-on cleats provides added traction in snow and ice to prevent slips and falls
- Balaclava – Stretch fleece with Spandex top for lightweight, extra stretchable fit and comfortable protection against the cold

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|-----------------------------|
| 04765-01L | 00242 | Shoe Traction Attachment L |
| 04765-01XL | 00243 | Shoe Traction Attachment XL |
| 06762-03 | 00239 | Balaclava with Spandex Top |

TOOL KITS

28-piece Electrician's Tool Kit



0159-11

- All-inclusive tool kit designed with the master electrician in mind.
- Kit Includes: 18" Heavy-Duty Multi-pocket Bag, Heavy-Duty 8-Pocket Leather Pouch, 2" Leather Tool Belt, 9" Side-Cutting Pliers, 8" Diagonal Cutting Pliers, 8" Long Nose Pliers, 10" Pump Pliers, Pro Plus Wire Stripper 10-18 AWG, NM Cable Ripper, Stripping/Crimping Combination Tool, Cable Cutter, Utility Knife, 12" Hacksaw, Keystone Tip Square Shank 1/4" x 4" Flat Blade Screwdriver, Keystone Tip Square Shank 5/16" x 6" Flat Blade Screwdriver, Cabinet Tip Round Shank 3/16" x 6" Flat Blade Screwdriver, Cabinet Tip Round Shank 1/4" x 6" Flat Blade Screwdriver, Phillips Tip #1 - 3/16" x 3" Screwdriver, Phillips Tip #2 - 1/4" x 4" Screwdriver, Screw-holding screwdriver 3/16" x 6", 3" Scratch Awl, 10" Adjustable Wrench, 9-Piece Folding Hex-Key Set, 25' Tape Measure, Torpedo Level, 18 oz. Electrician's Hammer, High dexterity gloves (L) and GT-11 Voltage tester.
- See individual product information for specifications.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-------------------------------|----------|
| 0159-11 | 56349 | Electrician's Tool Kit, 28 pc | 19.7 lbs |

Journeyman's Tool Kit - Standard



0159-12

- Perfect kit for the journeyman electrician.
- Kit Includes: 20-Pocket Tool Caddy, GT-11 Voltage tester, Torpedo Level, 18 oz. Electrician's Hammer, 25' Tape Measure, Keystone Tip Square Shank 1/4" x 4" Flat Blade Screwdriver, Cabinet Tip Round Shank 3/16" x 6" Flat Blade Screwdriver, Phillips Tip #1 - 3/16" x 3" Screwdriver, Phillips Tip #2 - 1/4" x 4" Screwdriver, 9" Side-Cutting Pliers, 8" Diagonal Cutting Pliers, 8" Long Nose Pliers, 10" Pump Pliers, Pro Plus Wire Stripper 10-18 AWG, NM Cable Ripper, Stripping/Crimping Combination Tool and Cable Cutter.
- See individual product information for specifications.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|------------------------------|---------|
| 0159-12 | 56350 | Journeyman's Tool Kit, 17 pc | 9.7 lbs |

Journeyman's Tool Kit - Metric



- Perfect kit for the journeyman electrician.
- Kit Includes: High Leverage Side-cutting pliers 9" molded grip, High Leverage Diagonal Cutting Pliers 8" molded grip, High Leverage Long Nose Pliers/Side Cutting 8" molded grip, Pump Pliers 10" molded grip, Dual NM Cable Ripper, Heavy Duty Keystone Tip, Square Shank 1/4" x 4" Flat Blade Screwdriver, Heavy Duty Cabinet Tip, Round Shank 3/16" x 6" Flat Blade Screwdriver, Heavy Duty Phillips Tip #1 - 3/16" x 3" Screwdriver, Heavy Duty Phillips Tip #2 - 1/4" x 4" Screwdriver, 7.5m/25' Tape measure, 18 oz. Electrician's Hammer, 20 Pocket Tool Caddy, Voltage tester (for kits only), Pro Plus Wire Stripper 10-18 AWG, Stripping/Crimping Combination Tool, Cable Cutter, Torpedo Level, 4 pc Squaredrive (Robertson) Set, Square Tip Driver #0X4", Square Tip Driver #1X4", Square Tip Driver #2X4", Square Tip Driver #3X4"
- See individual product information for specifications.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|------------------------------------|----------|
| 0159-23 | 89238 | Journeyman's Tool Kit, Metric 21pc | 13.7 lbs |

12-piece Electrician's Tool Kit - Standard



- Perfect kit for the professional or apprentice electrician.
- Kit Includes: 2" Leather Tool Belt, 8-Pocket Leather Pouch, 25' Tape Measure, Phillips Tip #1 - 3/16" x 3" Screwdriver, Phillips Tip #2 - 1/4" x 4" Screwdriver, Cabinet Tip Round Shank 3/16" x 6" Flat Blade Screwdriver, Keystone Tip Square Shank 1/4" x 4" Flat Blade Screwdriver, Pro Plus Wire Stripper 10-18 AWG, 8" Long Nose Pliers, 10" Pump Pliers, 8" Diagonal Cutting Pliers and 9" Side-Cutting Pliers.
- See individual product information for specifications.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|----------|
| 0159-13 | 56351 | Electrician's Tool Kit - Standard, 12 pc | 7.75 lbs |

16-piece Electrician's Tool Kit - Metric



- Perfect kit for the professional or apprentice electrician.
- Kit Includes: High Leverage Side-cutting pliers 9" molded grip, High Leverage Diagonal Cutting Pliers 8" molded grip, High Leverage Long Nose Pliers/Side Cutting 8" molded grip, Pump Pliers 10" molded grip, Heavy Duty Keystone Tip, Square Shank 1/4" x 4" Flat Blade Screwdriver, Heavy Duty Cabinet Tip, Round Shank 3/16" x 6" Flat Blade Screwdriver, Heavy Duty Phillips Tip #1 - 3/16" x 3" Screwdriver, Heavy Duty Phillips Tip #2 - 1/4" x 4" Screwdriver, 7.5m/25' Tape measure, Heavy Duty 8 Pocket Leather Pouch, Heavy Duty Leather Tool Belt, Pro Plus Wire Stripper 10-18 AWG, 4 pc Squaredrive (Robertson) Set, Square Tip Driver #0X4", Square Tip Driver #1X4", Square Tip Driver #2X4", Square Tip Driver #3X4"
- See individual product information for specifications.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|----------|
| 0159-24 | 89239 | Electrician's Tool Kit - Metric, 16 pc | 16.5 lbs |

14 Piece Multi-Purpose Tool Kit

NEW PRODUCT



Kit Includes:

18" Heavy-Duty Bag, 8" Diagonal Dipped Grip Pliers, 8" Long Nose Dipped Grip Pliers, 9" Side-Cutting Dipped Grip Pliers, 10" Dipped Grip Pump Pliers, 18 oz. Electrician's Hammer, 3/16" x 6" Cabinet Tip Screwdriver, 1/4" x 4" Keystone Tip Screwdriver, 1/4" x 6" Cabinet Tip Screwdriver, 5/16" x 6" Keystone Tip Screwdriver, #2 x 4" Phillips Tip Screwdriver, Plastic Pipe Cutter, Utility Knife, 6-in-1 Multi-Tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|------------------------------|------------|
| 0159-30 | 35762 | Multi Purpose Kit - 14 Piece | 13.08 lbs. |

6 Piece Kit

NEW PRODUCT



Kit Includes:

8" Long-Nose Pliers, 8" Diagonal Cutting Pliers, 9" High Leverage Side-Cutting Pliers, 1/4" x 4" Heavy Duty Slotted Screwdriver, Cabinet Tip, #2 x 4" Heavy Duty Phillips Screwdriver, 1955A ProPlus Wire Stripper, 10-18 AWG.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|------------------------|----------|
| 0159-36 | 31400 | Hand Tool Kit, 6 Piece | 3.46 lbs |

5 Piece Installation Kit

NEW PRODUCT



Kit Includes:

5 Pocket Leather Pouch, 9" Side-Sutting Pliers, ProPlus Wire Stripper, 10-18 AWG, Insulated and Uninsulated Terminal Crimping Tool, 6-in-1 Multi-Tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|----------------------------|-----------|
| 0159-34 | 10187 | Installation Kit - 5 Piece | 5.08 lbs. |

5 Piece Dipped Pliers Kit

NEW PRODUCT



Kit Includes:

Caddy, 8" Long Nose Dipped Grip Pliers, 8" Diagonal Dipped Grip Pliers, 9" Side-Cutting Dipped Grip Pliers, 10" Dipped Grip Pump Pliers.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|------------------------------|----------|
| 0159-29 | 31342 | Pliers Kit, Dipped - 5 Piece | 6.0 lbs. |

Starter Electrician's Tool Kit



- Four-pocket, heavy-duty, leather tool pouch holds an assortment of four professional grade hand tools.
- Kit Includes: Heavy Duty 4 Pocket Leather Pouch, Phillips Tip #2 - 1/4" x 4" Screwdriver, Cabinet Tip Round Shank 3/16" x 6" Flat Blade Screwdriver, Pro Plus Wire Stripper 10-18 AWG and 9" Side-Cutting pliers.
- See individual product information for specifications.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--------------------------------------|----------|
| 0159-14 | 56352 | Starter Electrician's Tool Kit, 5 pc | 2.25 lbs |

4 Piece Basic Kit

NEW
PRODUCT



Kit Includes:
4 Pocket Polyester Pouch, 8" Long Nose Dipped Grip Pliers, ProPlus Wire Stripper, 10-18 AWG, and 6-in-1 Multi-Tool.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---------------------|----------|
| 0159-28 | 10191 | Basic Kit - 4 Piece | 1.97 lbs |

2 Piece Kit

NEW
PRODUCT



Kit Includes:
9" Side Cutting Pliers with dipped grip Handles (0151-09D)
6-in-1 Multi tool (0153-42C) Contains 3/16" and 1/4" flat tip, #1 and #2 Phillips and 5/16" and 1/4" Hex.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|--|----------|
| 0159-42 | 00763 | Dipped Grip 9" Side Cutting Plier, 6-In-1 Tool | 1.55 lbs |



KNOCKOUTS

WANT SPEED? TRY THE GREENLEE SPEED PUNCH™ SYSTEM.
WANT SELF CENTERING? SLUG SPLITTER / SLUG BUSTER® SC.
WANT SIZE? LARGE-DIAMETER STAINLESS STEEL KNOCKOUTS.
WANT THE WIDEST RANGE OF FAST, RELIABLE KNOCKOUTS?
TRY GREENLEE.











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SELECTION GUIDES

Holemaking Selection Guide

| MATERIAL TYPE | MATERIAL THICKNESS | NUMBER OF HOLES | PRODUCTS | APPLICATION CONSIDERATIONS | PAGES |
|---|--------------------|-----------------|------------------------------------|---|---------|
| Steel  | 10GA | Highest | Slug-Splitter SC™ Punches | Maximum durability and universal material usage Maximum hole size 2-3/8 inches | 64-67 |
| | | | Speed Punch™ Punches | Maximum hole size 2-3/8 inches | 60-61 |
| | 10GA | High | Slug-Buster® Punches | Maximum hole size 2-3/8 inches | 68-80 |
| | 10GA | High | Standard Punches | Maximum hole size 6-3/8 inches | 81-87 |
| | 10GA | Medium-High | Ultra Cutters | Maximum hole size 2-1/2 inches | 120 |
| | 8GA | High | Carbide-Tipped Hole Cutters | Maximum hole size 2-1/2 inches | 119 |
| | 10GA | Medium-High | Step Bits | Maximum hole size 1-3/8 inches | 104-105 |
| | 10GA | Medium | Hole Saws | Maximum hole size 6 inches | 121-122 |
| Stainless Steel  | 10GA | Highest | Slug-Splitter SC™ Punches | Maximum durability and universal material usage | 64-67 |
| | 10GA | Highest | Lrg. Dia. Punches for Stainless | Hole size 2-1/2 – 4 inches | 67 |
| | 9GA | Medium-High | Quick Change Carbide-Tipped Cutter | Maximum hole size 3 inches, quick change cutting heads | 118 |
| | 8GA | Medium-High | Carbide-Tipped Hole Cutters | Maximum hole size 2-1/2 inches | 119 |
| Wood  | 18" | High | Nail Eater® RT | Cuts through nails, good chip removal, max hole size 1 inches | 106 |
| | 18" | High | Nail Eater II® Bits | Cuts through nails, good chip removal, max hole size 1-1/4 inches | 107 |
| | 2-2 x 4's | High | E-Z Bore® Bits | Self feed screw for hard or soft woods, max hole size 4-5/8 inches | 110 |
| | 2 x 4 | High | Step Bits | Maximum hole size 1-3/8 inches, low chip removal | 104-105 |
| | 16" | Medium | Spade Bits | Maximum hole size 1-1/2 inches | 111-112 |
| | 1-5/8" or 2 x 4 | High | Hole Saws | Maximum hole size 6 inches | 121-122 |
| Aluminum  | 10GA | Highest | Slug-Splitter SC™ Punches | Maximum durability and universal material usage Maximum hole size 2-3/8 inches | 64-67 |
| | | | Speed Punch™ Punches | Maximum hole size 2-3/8 inches | 60-61 |
| | 10GA | High | Slug-Buster® Punches | Maximum hole size 2-3/8 inches | 68-80 |
| | 10GA | High | Standard Punches | Maximum hole size 6-3/8 inches | 81-87 |
| | 10GA | High | Ultra Cutters | Maximum hole size 2-1/2 inches | 120 |
| | 10GA | High | Step Bits | Maximum hole size 1-3/8 inches | 104-105 |
| | 10GA | Medium | Hole Saws | Maximum hole size 6 inches | 121-122 |
| Fiberglass/Plastic   | approx. 1/8" | Highest | Slug-Splitter SC™ Punches | Maximum durability and universal material usage Maximum hole size 2-3/8 inches | 64-67 |
| | | | Speed Punch™ Punches | Maximum hole size 2-3/8 inches | 60-61 |
| | approx. 1/8" | High | Slug-Buster® Punches | Maximum hole size 2-3/8 inches | 68-80 |
| | approx. 1/8" | High | Standard Punches | Maximum hole size 6-3/8 inches | 81-87 |
| | | High | Ultra Cutters | Maximum hole size 2-1/2 inches | 120 |
| | | Medium-High | Step Bits | Maximum hole size 1-3/8 inches | 104-105 |
| | 1-5/8" | Medium | Hole Saws | Maximum hole size 6 inches | 121-122 |
| Drywall/Ceiling Tile  | 7/8" | High | Recessed Light Hole Saws | Replaceable blades | 126 |
| | 7/8" | Medium-Low | Quick Cutter | Adjustable or fixed, sprinkler heads or lighting | 126 |
| | 7/8" | Medium | Keyhole Saw | Non-round holes | 131 |
| Quazite®* Enclosures | | High | Slug-Buster® Punches | | 68-80 |
| | approx. 1/8" | High | Carbide-Grit Hole Saws | | 123 |
| Cement Board/Hardy Board Siding | | High | Carbide-Grit Hole Saws | | 123 |
| Existing Wall | | | D'versibits® | Remodeling, phone, cable, alarm installation | 113-117 |
| Non-Round Hole  | | High | Non-Round Punches | Square, rectangular, electronic connector holes | 88-90 |
| | | Medium | Reciprocating Blades | | 128-129 |
| Metric & Non-Conduit Sizes | 16-10GA | High | Standard Punches | | 81-87 |
| Metal Studs | 20GA | | Stud Punches | | 96-97 |

Knockout Punch Selection Guide



| DRIVER TYPE | DRIVE METHOD | CAPACITY | SIZE RANGE AVAILABLE | PAGES |
|------------------------------------|---------------------------------------|---|--|-------|
| Speed Punch™ | Hydraulic or Battery | Mild steel up thru 10 gauge (3.5 mm) | 1.115" through 2.416" dia. (28.3 mm through 61.4 mm) | 60-61 |
| Slug-Splitter™ & Slug-Splitter SC™ | Ratchet, Hydraulic or Battery | Stainless steel or mild steel up thru 10 gauge (3.5 mm) | .598" through 2.526" dia. (15.2 mm through 64 mm) | 64-67 |
| Slug-Buster® & Slug-Buster SC® | Manual, Ratchet, Hydraulic or Battery | Mild steel up thru 10 gauge (3.5 mm) | .492" through 2.52" dia. (12.5 mm through 64.0 mm) | 68-80 |
| Standard Round | Manual, Ratchet, Hydraulic or Battery | Mild steel up thru 10 gauge (3.5 mm) | .500" through 6.375" dia. (12.7 through 161.9 mm) | 81-87 |

Knockout Punch Driver Selection Guide

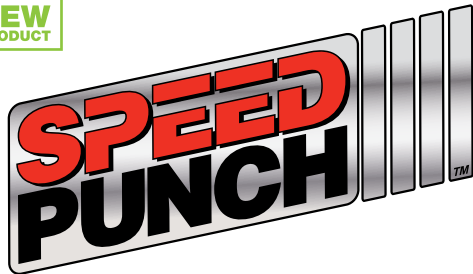


| DRIVER TYPE | DESCRIPTION | AVAILABLE DRIVER KITS | PAGES | |
|---|--|---|--|-------|
| Battery-Powered Driver (18V Li-Ion Battery) | <ul style="list-style-type: none"> Punch holes from any angle with the 360° rotating head. Punches up to 6" holes in 14 gauge mild steel and 2" holes in 14 gauge stainless steel. Slim, compact and lightweight design for reduced fatigue and easy control. Automatic retraction prevents damage to punch and die. One trigger controls all tool functions, no additional manual work required. LED light illuminates dark work areas. | Driver with Speed Punch™ Punches | 60-61 | |
| Battery-Powered or Corded Hydraulic Driver (18V Li-Ion Battery or 120VAC Adapter) | <ul style="list-style-type: none"> Develops 6.7 tons of hydraulic force. Available with a choice of three battery chargers – 120V. Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch™, Slug-Buster® and standard knockout punches and 12 gauge (2.5 mm) stainless steel with Greenlee Slug-Splitter SC™ knockout punches. | Driver Only and Driver with Slug-Buster® Punches | 62-63 | |
| Hand Pump Hydraulic Driver with Ram | <ul style="list-style-type: none"> Foot operation frees both hands to operate punch. Powerful hydraulic ram develops 11 tons of hydraulic force. Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch™, Slug-Buster® and standard knockout punches and 10 gauge (3.5 mm) stainless steel with Greenlee Slug-Splitter SC™ knockout punches. | Driver with Slug-Buster® SC Punches | 64-65 | |
| Foot Pump Hydraulic Driver with Ram | <ul style="list-style-type: none"> Powerful hydraulic ram develops 11 tons of hydraulic force. Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch™, Slug-Buster® and standard knockout punches and 10 gauge (3.5 mm) stainless steel with Greenlee Slug-Splitter SC™ knockout punches. | Driver Only and Driver with Slug-Buster® Punches | 68-69 | |
| Quick Draw® Hydraulic Driver | <ul style="list-style-type: none"> Quick Draw driver is perfect for fast, straight-on panel punching. | Driver with Standard Punches | 81-82 | |
| Quick Draw 90® Hydraulic Driver | <ul style="list-style-type: none"> Quick Draw 90 right-angle design allows greater versatility in tight spaces. | <ul style="list-style-type: none"> Develops 8 tons of hydraulic force for easy punching. Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch™, Slug-Buster® and standard knockout punches and 10 gauge (3.5 mm) stainless steel with Greenlee Slug-Splitter SC™ knockout punches. | Driver Only and Driver with Slug-Buster® Punches | 70-71 |
| Quick Draw® Flex Hydraulic Driver | <ul style="list-style-type: none"> Quick Draw Flex allows unlimited driver orientation. | Driver with Speed Punch™ Punches | 60-61 | |
| High Leverage Ratchet Driver | <ul style="list-style-type: none"> Quick Draw 90 right-angle design allows greater versatility in tight spaces. | Driver Only and Driver with Slug-Buster® Punches | 72-73 | |
| Manual Ratchet Driver | <ul style="list-style-type: none"> Quick Draw Flex allows unlimited driver orientation. | Driver with Speed Punch™ Punches | 60-61 | |
| High Leverage Ratchet Driver | <ul style="list-style-type: none"> Time saving ball bearing head punches faster than wrench method. Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch™, Slug-Buster® and standard knockout punches and 16 gauge (1.5 mm) stainless steel with Greenlee Slug-Splitter SC™ knockout punches. | Driver Only and Driver with Slug-Buster® Punches | 74 | |
| Manual Ratchet Driver | <ul style="list-style-type: none"> Unique punch profile splits slugs allowing easy slug removal. 1" Hex Ratchet Wrench allows use with both 3/8" (19.1 mm) and 3/4" (9.5 mm) draw studs. Slug-Buster® Punches available in sizes up thru 2.52" (64.0 mm). Standard round punches available up to 5 5/8" (144.1 mm). | Driver with Slug-Buster® Punches | 75 | |
| | | Driver with Slug-Buster® Metric Punches | 77 | |
| | | Driver with Standard Metric Punches | 85 | |

SPEED PUNCH™ KNOCKOUTS

Speed Punch™ Knockout System

NEW PRODUCT



VIDEO

A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:
www.youtube.com/GreenleeDEMO

SAVE TIME AND MONEY WITH EVERY PUNCH!

From the leaders in knockout technology comes the new SPEED PUNCH™ System. The patent pending “no-thread” design eliminates cross-threading, while the innovative SPEED LOCK mechanism quickly secures the punch in place. This means longer tool life and faster punches, saving you time and money on the job. SPEED PUNCH™ is available in 3/4” - 2” conduit sizes and three kit configurations.

- Punch up to 10 gauge mild steel, aluminum, fiberglass or plastic.
- Use with hydraulic and battery-powered drivers.
- Available in 3/4” - 2” conduit sizes and three kit configurations.

SPECIFICATIONS

| | |
|--------------------|--|
| Capacity | Mild steel up through 10 gauge (3.5 mm) |
| Application | Mild steel, fiberglass and plastic enclosures. |
| Hole Sizes | Conduit Sizes - Hole size is outside diameter of US conduit sizes. Example: 3/4" conduit size actually makes a 1-3/32" hole. Pg Sizes - European standard pipe sizes. ISO Sizes - International Standards Organization pipe sizes. |
| Operation | Operate with battery, hydraulic driver only. |



UP TO 3X FASTER*

“No-thread” punch design quickly and easily slides on/off draw stud: The fastest punch system on the market today.

* Compared to standard threaded punch & draw stud set-up and disassembly.

It's as simple as:



1 SLIDE
Slide die and punch onto draw stud: “No-thread” design eliminates cross-threading.



2 SECURE
Secure SPEED LOCK onto draw stud: Faster setup and disassembly.



3 PUNCH
Punch hole: Save time and money with every punch!

Speed Punch™ Knockout System



| CAT. NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | | | | | CAPACITY MILD STEEL | | |
|---------------|---------|---|---------------------|----------|-------|------|----|-----------------|---------------------|----------------|---|
| | | | CONDUIT & PIPE SIZE | ACTUAL | | GA | MM | LS50L11SP/01081 | 7906SBSP/09278 | 7905SBSP/01081 | |
| | | | | Ø INCH | Ø MM | | | | | | |
| 7212SP-3/4P | 00952 | Punch, 3/4" Conduit, Speed Punch | 3/4" | - | 1.115 | 28.3 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 7212SP-1P | 00953 | Punch, 1" Conduit, Speed Punch | 1" | - | 1.362 | 34.6 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 7212SP-1-1/4P | 00955 | Punch, 1-1/4" Conduit, Speed Punch | 1-1/4" | 1-11/16" | 1.701 | 43.2 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 7212SP-1-1/2P | 09282 | Punch, 1-1/2" Conduit, Speed Punch | 1-1/2" | 1-15/16" | 1.951 | 49.6 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 7212SP-2P | 09283 | Punch, 2" Conduit, Speed Punch | 2" | 2-3/8" | 2.416 | 61.5 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 7212SP-3/4D | 09279 | Die, 3/4" Conduit, Speed Punch | 3/4" | - | 1.115 | 28.3 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 7212SP-1D | 09280 | Die, 1" Conduit, Speed Punch | 1" | - | 1.362 | 34.6 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 7212SP-1-1/4D | 09281 | Die, 1-1/4" Conduit, Speed Punch | 1-1/4" | 1-11/16" | 1.701 | 43.2 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 7212SP-1-1/2D | 00956 | Die, 1-1/2" Conduit, Speed Punch | 1-1/2" | 1-15/16" | 1.951 | 49.6 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 7212SP-2D | 00957 | Die, 2" Conduit, Speed Punch | 2" | 2-3/8" | 2.416 | 61.5 | 10 | 3.5 | ✓ | ✓ | ✓ |
| SP-LOCK | 09277 | Speed Lock | | | | | | | ✓ | ✓ | ✓ |
| 7212SP11 | 10002 | Draw Stud, 3/4" X 4.77", Speed Punch | | | | | | | ✓ | ✓ | ✓ |
| 7212SP12* | 00979 | Draw Stud, 3/4" X 5.63", Speed Punch | | | | | | | | | |
| 34403 | 34403 | Kwik-Stepper #3 Step Bit | | | | | | | ✓ | ✓ | ✓ |
| - | - | Plastic Case | | | | | | | | ✓ | ✓ |
| 33786 | 33786 | Quick Draw 90 Punch Driver | | | | | | | | ✓ | |
| 52178 | 52178 | 120V Charger | | | | | | | ✓ | | |
| 52177 | 52177 | 18V 1.5 Ah Li-Ion Battery | | | | | | | ✓ | | |
| LS50LB | 01131 | LS50 Punch Driver and Case Only (No Battery, Charger, or accessories) | | | | | | | ✓ | | |
| KK50LFLEX | 00185 | LS50 Plastic Case Only | | | | | | | ✓ | | |

*For use with 746 Hydraulic RAM

ELECTRIC & BATTERY-POWERED KNOCKOUT KITS

LS50L Battery-Powered Knockout Punch Driver

NEW PRODUCT

AVAILABLE AS
BARE TOOL



- Punch holes from any angle with the 360° rotating head.
- Punches up to 6" holes in 14 gauge mild steel and 2" holes in 14 gauge stainless steel.
- Slim, compact and lightweight design for reduced fatigue and easy control.
- Automatic retraction prevents damage to punch and die.
- One trigger controls all tool functions, no additional manual work required.
- Non-slip rubber grip for firm and comfortable hold.
- LED light illuminates dark work areas.

SPECIFICATIONS

| | |
|-------------------------------------|--|
| Weight (driver with battery) | 5.05 lbs (2.29kg) |
| Maximum Punch Force | 6 Tons (60kN) |
| Charging Time | 22 min (RAL2/BL1380) or 15 min (RAL1/BL1815) |
| Battery Voltage | 18V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| LS50L11A | 04951 | Punching Tool Kit Includes: LS50L Battery Driver, (1) 18V Li-ion Battery, (1) 120V Battery Charger, (1) Spacer (1924AA), (1) 3/4-16 x 4 Drawstud (31872). (1) 3/8 x 4.8 Drawstud (209633) |
| LS50L11B | 04956 | Punching Tool Kit Includes: LS50L Battery Driver, (1) 18V Li-ion Battery, (1) 120V Battery Charger, (1) Spacer (1924AA), (1) 3/4-16 x 4 Drawstud (31872). (1) 3/8 x 4.8 Drawstud (209633), Slugbuster punches and dies for (1/2", 3/4", 1", 1-1/4", 1 1/2" and 2") conduit |
| LS50LB | 01131 | LS50 punch driver and case only (no battery, charger, or accessories). |



A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:
www.youtube.com/GreenleeDEMO

Battery-Powered Knockout Punch Driver Kits Parts List

| | CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | | KIT CAT./UPC NO. | |
|----------------------|-----------|---------|--|---------------------|---------|-------|------------------|----------|
| | | | | CONDUIT & PIPE SIZE | ACTUAL | | LS50L11A | LS50L11B |
| | | | | | Ø INCH | Ø MM | LS60LA11 | LS60LB11 |
| PUNCHES AND DIES | 721-1/2 | 31756 | 1/2" Conduit Size Slug-Buster® Punch | 1/2" | 7/8 | 0.885 | 22.5 | ✓ |
| | 14722 | 14722 | 1/2" Conduit Size Die | 1/2" | 7/8 | 0.885 | 22.5 | ✓ |
| | 721-3/4 | 31757 | 3/4" Conduit Size Slug-Buster® Punch | 3/4" | — | 1.115 | 28.3 | ✓ |
| | 124AV | 06972 | 3/4" Conduit Size Die | 3/4" | — | 1.115 | 28.3 | ✓ |
| | 721-1 | 31758 | 1" Conduit Size Slug-Buster® Punch | 1" | — | 1.362 | 34.6 | ✓ |
| | 126AV | 04011 | 1" Conduit Size Die | 1" | — | 1.362 | 34.6 | ✓ |
| | 721-1-1/4 | 31759 | 1-1/4" Conduit Size Slug-Buster® Punch | 1-1/4" | 1-11/16 | 1.701 | 43.2 | ✓ |
| | 128AV | 04013 | 1-1/4" Conduit Size Die | 1-1/4" | 1-11/16 | 1.701 | 43.2 | ✓ |
| | 721-1-1/2 | 31760 | 1-1/2" Conduit Size Slug-Buster® Punch | 1-1/2" | 1-15/16 | 1.951 | 49.6 | ✓ |
| | 440AV | 04061 | 1-1/2" Conduit Size Die | 1-1/2" | 1-15/16 | 1.951 | 49.6 | ✓ |
| DRAW STUDS AND MISC. | 721-2 | 31761 | 2" Conduit Size Slug-Buster® Punch | 2" | 2-3/8 | 2.416 | 61.5 | ✓ |
| | 442AV | 04063 | 2" Conduit Size Die | 2" | 2-3/8 | 2.416 | 61.5 | ✓ |
| | 1614SS | 30043 | Draw Stud - 3/8" x 2-13/16" | | | | | ✓ |
| | 31872 | 31872 | Draw Stud - 3/4" x 4-1/8" | | | | | ✓ |
| | 1924AA | 03248 | Spacer Short | | | | | ✓ |
| | 33967 | 33967 | Stud Adapter - 3/8" | | | | | ✓ |

LS60L Battery-Powered Knockout Punch Driver Kits



LS60LA11

- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Punching cycle stops automatically when hole is complete to prevent damage to punch
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered punching tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V battery charger or with 120V corded adapter in place of batteries and charger

SPECIFICATIONS

| | |
|--|--|
| Weight (driver with battery only) | 8.8 lbs. (4.0 kg) |
| Overall Length (ram retracted) | 11.5 in. (292 mm) |
| Height | 12.5 in. (318 mm) |
| Maximum Punch Force | 6.7 tons (60 kN) |
| Maximum Round Punch Size (in 10 gauge mild steel) | 2.42 in. dia. (61.5 mm dia) |
| Maximum Square Punch Size (in 10 gauge mild steel) | 2-11/16 in. x 2-11/16 in. (68.0 x 68.0 mm) |
| Maximum Rectangular Punch Size (in 10 gauge mild steel) | 1.378 x 2.559 in. (35.0 x 65.0 mm) |
| Maximum Ram Travel | 0.87 in (22 mm) |
| Charging Time | Approximately 1 hour |
| Battery Voltage | 18 V, 3.0Ah, Li-ion |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|--|
| LS60LA11 | 52155 | Battery Punch Driver -120 Volt Charger |
| LS60LB11 | 52158 | Battery Punch Driver -120 Volt Charger |
| LS60LA120 | 52161 | Punch Driver - 120 Volt AC Adapter |
| LS60LB120 | 52163 | Punch Driver - 120 Volt AC Adapter |
| KKLS60LGL | 25749 | Carry Case |
| 52176 | 52176 | 18V, 3.0Ah, Li-ion Battery |
| 12274 | 12274 | Strap |
| 52178 | 52178 | 120V Charger |
| 52179 | 52179 | 230V Charger |
| 52180 | 52180 | 12V Charger |

See kit contents on page 62.

STEEL CAPACITIES FOR CONDUIT SIZES

| STUD AND ACCESSORIES | STANDARD PUNCHES AND SLUG-BUSTER® | | | | | | | SLUG-SPLITTER SC™ | | | | | | | Electronic Connector Punches RS-232, 229, 231, 234, 238 |
|-----------------------|--------------------------------------|------------|---------------|----------|--------------|--------------|----------|---|------------|---------------|----------|--------------|--------------|----------|--|
| | 1/2" COND. | 3/4" COND. | 1-7/32" COND. | 1" COND. | 1-1/4" COND. | 1-1/2" COND. | 2" COND. | 1/2" COND. | 3/4" COND. | 1-7/32" COND. | 1" COND. | 1-1/4" COND. | 1-1/2" COND. | 2" COND. | |
| 1614SS Draw Stud | | | | | | | | | | | | | | | |
| 1924AA Spacer | 10 GA. (0.1345" [3.5 mm]) MILD STEEL | | | | | | | | | | | | | | |
| 33967 Adapter | | | | | | | | | | | | | | | 16 GA. (0.0598" [1.5 mm]) MILD STEEL AND 1/8" ALUMINUM |
| 1924AA Spacer ① | | | | | | | | 10 GA. (0.1345" [3.5 mm]) STAINLESS STEEL | | | | | | | |
| 29451 7/16" Draw Stud | | | | | | | | | | | | | | | |
| 1924AA Spacer | | | | | | | | | | | | | | | |
| 31872 3/4" Draw Stud | | | | | | | | | | | | | | | |
| 31872 3/4" Draw Stud | | | | | | | | | | | | | | | |
| 33967 Adapter | | | | | | | | | | | | | | | |

① 29451 sold separately. See page 94 for ordering information.

10 GA. (0.1345" [3.5 mm]) MILD STEEL

10 GA. (0.1345" [3.5 mm]) STAINLESS STEEL

12 GA. (0.1046" [2.5 mm]) STAINLESS STEEL

16 GA. (0.0598" [1.5 mm]) MILD STEEL AND 1/8" ALUMINUM

SLUG-SPLITTER SC™ KNOCKOUT KITS

Slug-Splitter SC™ Ram and Hand Pump Hydraulic Driver Punch Kits

Designed for stainless steel applications

All Kits Feature:

- Slug-Splitter SC™ (Self Centering) knockout punches with capacities up through 10 gauge (3.5 mm) stainless steel. Refer to individual punch capacity ratings.
- Self-centering punch aligns itself on pilot hole. (Slug-Splitter SC™)
- No need to draw crosshairs or line up die alignment marks. (Slug-Splitter SC™)

7506 Kit Features

- Fast, easy and simple to operate.
- Compact design makes this a perfect choice for use on construction sites and maintenance jobs.
- Will also drive 751 Cable Cutter head.
- Powerful 11-ton hydraulic ram.
- 3-foot hose.

SPECIFICATIONS

Operation 7307/29528 - Quick Draw®, Quick Draw 90® and Quick Draw® Flex Hydraulic Drivers, Battery-Powered Drivers, 7646 and 7625 Ram-Type Drivers.
 744/29619 - Quick Draw®, Quick Draw 90® and Quick Draw® Flex Hydraulic Drivers, Battery-Powered Drivers, 7646 and 7625 Ram-Type Drivers.
 7506/30385 - Hydraulic Ram and Hand Pump included.



7506 Punch Kit



7307 Punch Kit (driver not included)



744 Punch Kit (driver not included)

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------|---------|--|--------|------|
| | | | LBS. | KG. |
| 744 | 29619 | 1/2" through 1-1/4" Conduit Size Slug-Splitter SC Knockout Punch Kit | 5 | 2.3 |
| 7307 | 29528 | 1/2" through 2" Conduit Size Slug-Splitter SC™ Knockout Punch Kit | 10.4 | 4.7 |
| 7506 | 30385 | 1/2" through 2" Conduit Size Slug-Splitter SC™ Knockout Punch Kit with Hydraulic Ram and Hand Pump | 32 | 14.5 |

NOTE: See Slug-Splitter SC™ knockout punch units on pages 82-83 for list of individual punches, dies and draw studs.

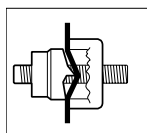
| CAT. NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | | | CAPACITY | | KIT CAT./UPC NO. | | |
|----------|---------|--|---------------------|---------|-------|-----------------|----------|-------|------------------|-------|---|
| | | | CONDUIT & PIPE SIZE | ACTUAL | | STAINLESS STEEL | | 744/ | 7307/ | 7506/ | |
| | | | | Ø INCH | Ø MM | GA | MM | 29619 | 29528 | 30385 | |
| 28154 | 28154 | 1/2" Conduit Size Punch | 1/2" | 7/8 | .885 | 22.5 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 28155 | 28155 | 1/2" Conduit Size Die | 1/2" | 7/8 | .885 | 22.5 | 10 | 3.5 | | ✓ | ✓ |
| 28156 | 28156 | 3/4" Conduit Size Punch | 3/4" | — | 1.115 | 28.3 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 28157 | 28157 | 3/4" Conduit Size Die | 3/4" | — | 1.115 | 28.3 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 36490 | 36490 | 1-7/32" Punch Oiltight | — | 1-7/32 | 1.210 | 30.5 | 10 | 3.5 | | | |
| 36489 | 36489 | 1-7/32" Die Oiltight | — | 1-7/32 | 1.210 | 30.5 | 10 | 3.5 | | ✓ | |
| 28158 | 28158 | 1" Conduit Size Punch | 1" | 1-11/32 | 1.362 | 34.6 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 28159 | 28159 | 1" Conduit Size Die | 1" | 1-11/32 | 1.362 | 34.6 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 28160 | 28160 | 1-1/4" Conduit Size Punch | 1-1/4" | 1-11/16 | 1.701 | 43.2 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 28161 | 28161 | 1-1/4" Conduit Size Die | 1-1/4" | 1-11/16 | 1.701 | 43.2 | 10 | 3.5 | ✓ | ✓ | ✓ |
| 28162 | 28162 | 1-1/2" Conduit Size Punch | 1-1/2" | 1-15/16 | 1.951 | 49.6 | 10 | 3.5 | | ✓ | ✓ |
| 28163 | 28163 | 1-1/2" Conduit Size Die | 1-1/2" | 1-15/16 | 1.951 | 49.6 | 10 | 3.5 | | ✓ | ✓ |
| 28165 | 28165 | 2" Conduit Size Punch | 2" | 2-3/8 | 2.416 | 61.5 | 10 | 3.5 | | ✓ | ✓ |
| 28166 | 28166 | 2" Conduit Size Die | 2" | 2-3/8 | 2.416 | 61.5 | 10 | 3.5 | | ✓ | ✓ |
| 29451 | 29451 | 7/16" x 4-1/4" Draw Stud | | | | | | | ✓ | ✓ | ✓ |
| 29452 | 29452 | 3/4" x 5-1/2" Draw Stud | | | | | | | ✓ | ✓ | ✓ |
| 29529 | 29529 | Metal Case | | | | | | | | ✓ | |
| 19193 | 19193 | Metal Case | | | | | | | | | |
| 31068 | 31068 | Metal Case | | | | | | | | | ✓ |
| 746SS | 30387 | Ram (includes 1 each of the following 3 items) | | | | | | | | | |
| 54167 | 54167 | 1/4" Female Coupler | | | | | | | | | ✓ |
| 54168 | 54168 | Dust Plug | | | | | | | | | |
| 15908 | 15908 | Spacer Group (includes 1 each of the following 3 items) | | | | | | | | | |
| 1924AA | 03248 | Spacer-Short | | | | | | | | | |
| 1925AA | 03249 | Spacer-Medium | | | | | | | | | ✓ |
| 1926AA | 06904 | Spacer-Long | | | | | | | | | |
| 767 | 13284 | Hydraulic Hand Pump | | | | | | | | | ✓ |
| 38316 | 38316 | High Pressure Hose Unit—1/4" x 3' (includes 1 each of the following 3 items) | | | | | | | | | |
| 54169 | 54169 | 1/4" Male Coupler | | | | | | | | | ✓ |
| 54170 | 54170 | Dust Cap | | | | | | | | | |
| 06302 | 06302 | High Pressure Hose—1/4" x 3' | | | | | | | | | ✓ |

KNOCKOUTS FOR STAINLESS STEEL

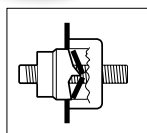
Slug-Splitter SC™ and Slug-Splitter Knockout Punches



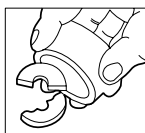
- Slug-Splitter SC™ heavy-duty punches are designed to punch up through 10 gauge (3.5 mm) stainless steel.
- Unique slug-splitting design and tool steel construction easily punch 10 gauge (3.5 mm) mild steel and stainless steel.
- Self-centering punch aligns itself on pilot hole. (Slug-Splitter SC™)
- No need to draw crosshairs or line up die alignment marks. (Slug-Splitter SC™)
- Unique punch profile also splits slugs for easier slug removal.
- Heavy-duty dies and stainless steel draw studs for longer life.
- Excellent abrasion resistance for punching fiberglass and plastic.
- Slug-Splitter SC™ punch units consist of: punch, die and draw stud. Check individual punch for specific capacity.
- Patent Pending for Self-centering Slug-Splitter SC™.



Unique Slug-Splitter SC™ punch design creates slug as the punch is drawn into the die.



Slug is split in half as punching operation is completed.



Split slugs fall free from the die and stud.

SPECIFICATIONS

| | |
|--------------------|---|
| Capacity | Stainless steel up through 10 gauge (3.5 mm) |
| Application | 10-gauge stainless steel, mild steel, fiberglass and plastic enclosures. |
| Hole Sizes | Conduit Sizes - Hole size is outside diameter of US conduit sizes. Example: 1/2" conduit size actually makes a 7/8" hole. Pg Sizes - European standard pipe sizes. ISO Sizes - International Standards Organization pipe sizes. |
| Operation | Operate with battery, hydraulic or high leverage ratchet driver only. |

SELF CENTERING – SLUG-SPLITTER SC™ KNOCKOUT PUNCHES 0.885" TO 2.416"

| PUNCH CAT./UPC NO. | DIE CAT./UPC NO. | CONDUIT & PIPE | HOLE SIZE | | | | CAPACITY | | DRAW STUDS | | | |
|-----------------------|---------------------|-------------------|-----------|--------|------|-----|-----------------|-------------------|------------|----------------|-------|-------|
| | | | ACTUAL | | | | STAINLESS STEEL | HYDRAULIC DRIVERS | | RATCHET DRIVER | | |
| | | | Ø (INCH) | Ø (MM) | PG | ISO | GA. | (MM) | 7804/7904 | 7646/7625 | 1904 | |
| 28154 | 28155 | 1/2" | 7/8 | 0.885 | 22.5 | 16 | - | 10 | 3.5 | 29451 | 29451 | 30227 |
| 28156 | 28157 | 3/4" | - | 1.115 | 28.3 | 21 | - | 10 | 3.5 | 31872 | 29452 | 12099 |
| 36490 | 36489 | - | 1-7/32 | 1.210 | 30.5 | - | - | 10 | 3.5 | 31872 | 29452 | 12099 |
| 28158 | 28159 | 1" | 1-11/32 | 1.352 | 34.6 | - | - | 10 | 3.5 | 31872 | 29452 | 12099 |
| 28160 | 28161 | 1-1/4" | 1-11/16 | 1.701 | 43.2 | - | - | 10 | 3.5 | 31872 | 29452 | 12099 |
| 28162 | 28163 | 1-1/2" | 1-15/16 | 1.951 | 49.6 | - | - | 10 | 3.5 | - | 29452 | 12099 |
| 28165 | 28166 | 2" | 2-3/8 | 2.416 | 61.5 | - | - | 10 | 3.5 | - | 29452 | 12099 |

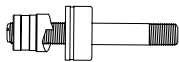
STANDARD – SLUG-SPLITTER KNOCKOUT PUNCHES 0.598" TO 2.520"

| | | | | | | | | | | | | |
|-------|-------|---|-------|-------|------|----|----|----|-----|-------|-------|-------|
| 31117 | 31126 | - | - | 0.598 | 15.2 | 9 | - | 12 | 2.5 | 29451 | 29451 | 30227 |
| 04599 | 04598 | - | - | 0.638 | 16.2 | - | 16 | 12 | 2.5 | 29451 | 29451 | 30227 |
| 31119 | 31128 | - | - | 0.732 | 18.6 | 11 | - | 12 | 2.5 | 29451 | 29451 | 30227 |
| 31120 | 31129 | - | - | 0.803 | 20.4 | 13 | 20 | 12 | 2.5 | 29451 | 29451 | 30227 |
| 04602 | 04601 | - | 1 | 1.000 | 25.4 | - | 25 | 10 | 3.5 | 31872 | 29451 | 30227 |
| 04605 | 04603 | - | - | 1.280 | 32.5 | - | 32 | 10 | 3.5 | 31872 | 29452 | 12099 |
| 31122 | 31135 | - | - | 1.457 | 37.0 | 29 | - | 10 | 3.5 | 31872 | 29452 | 12099 |
| 04608 | 04607 | - | - | 1.595 | 40.5 | - | 40 | 10 | 3.5 | 31872 | 29452 | 12099 |
| 31123 | 31131 | - | - | 1.850 | 47.0 | 36 | - | 10 | 3.5 | - | 29452 | 12099 |
| 04611 | 04609 | - | 2 | 2.000 | 50.8 | - | 50 | 10 | 3.5 | - | 29452 | 12099 |
| 31124 | 31132 | - | 2 1/8 | 2.125 | 54.0 | 42 | - | 10 | 3.5 | - | 29452 | 12099 |
| 31125 | 31133 | - | - | 2.362 | 60.0 | 48 | - | 10 | 3.5 | - | 29452 | 12099 |
| 04614 | 04613 | - | - | 2.520 | 64.0 | - | 63 | 10 | 3.5 | - | 29452 | 12099 |

* 16 ga. stainless steel capacity with ratchet driver.

Slug-Splitter SC™ and Slug-Splitter Knockout Punches

PUNCH UNITS



SELF CENTERING – SLUG-SPLITTER SC™ KNOCKOUT PUNCHES 0.885" TO 2.416"

| PUNCH UNIT - INCLUDES PUNCH, DIE & DRAW | | HOLE SIZE | | | CAPACITY STAINLESS STEEL | | WEIGHT | | DRIVER | | | | DRAW STUD |
|---|--------|---------------------|---------|------|--------------------------|-----|--------|------|--------|-----------|-------|-----------|-----------|
| CATALOG NO. | UPC NO | CONDUIT & PIPE SIZE | IN | MM | GA | MM | LBS. | KG | 1904 | 7804/7904 | LS60* | 7646/7625 | |
| 745R-1/2 | 30384 | 1/2" | 7/8 | 22.5 | 16 | 1.5 | .6 | .27 | x | | | | 30227 |
| 745H-1/2 | 29560 | 1/2" | 7/8 | 22.5 | 10 | 3.5 | .7 | .32 | | x | x | x | 29451 |
| 740H-1-7/32 Oil Tight | 29563 | - | 1-7/32 | 30.5 | 10 | 3.5 | 1.2 | .54 | | x | x | x | 29452 |
| 745H-3/4 | 12318 | 3/4" | 1-3/32 | 28.3 | 10 | 3.5 | 1.26 | .57 | | | | x | 29452 |
| 745H-1 | 12319 | 1" | 1-11/32 | 34.6 | 10 | 3.5 | 1.51 | .68 | | | | x | 29452 |
| 745H-1-1/4 | 12320 | 1-1/4" | 1-11/16 | 43.2 | 10 | 3.5 | 1.96 | .89 | | | | x | 29452 |
| 745H-1-1/2 | 12321 | 1-1/2" | 1-15/16 | 49.6 | 10 | 3.5 | 2.49 | 1.13 | | | | x | 29452 |
| 745H-2 | 12322 | 2" | 2-3/8 | 61.5 | 10 | 3.5 | 3.69 | 1.67 | | | | x | 29452 |

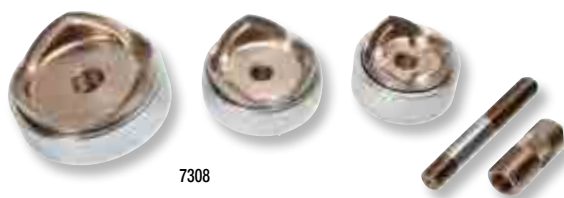
STANDARD – SLUG-SPLITTER KNOCKOUT PUNCHES 0.598" TO 2.520"

| | | | | | | | | | | | | | |
|-----------|-------|---|-------|------|----|-----|------|------|--|--|--|---|-------|
| 745M-15.2 | 12323 | - | 0.598 | 15.2 | 12 | 2.5 | .98 | .44 | | | | x | 29451 |
| 745M-16.2 | 12324 | - | 0.638 | 16.2 | 12 | 2.5 | .97 | .44 | | | | x | 29451 |
| 745M-18.6 | 12325 | - | 0.732 | 18.6 | 12 | 2.5 | .98 | .45 | | | | x | 29451 |
| 745M-20.4 | 12326 | - | 0.803 | 20.4 | 12 | 2.5 | .96 | .44 | | | | x | 29451 |
| 745M-25.4 | 12317 | - | 1.000 | 25.4 | 10 | 3.5 | 1.05 | .48 | | | | x | 29451 |
| 745M-32.5 | 12327 | - | 1.280 | 32.5 | 10 | 3.5 | 1.53 | .69 | | | | x | 29452 |
| 745M-37 | 12328 | - | 1.457 | 37 | 10 | 3.5 | 1.68 | .76 | | | | x | 29452 |
| 745M-40.5 | 12329 | - | 1.595 | 40.5 | 10 | 3.5 | 1.83 | .83 | | | | x | 29452 |
| 745M-47 | 12330 | - | 1.850 | 47 | 10 | 3.5 | 2.3 | 1.04 | | | | x | 29452 |
| 745M-50.8 | 12331 | - | 2.000 | 50.8 | 10 | 3.5 | 2.91 | 1.32 | | | | x | 29452 |
| 745M-54 | 12332 | - | 2.125 | 54 | 10 | 3.5 | 2.90 | 1.31 | | | | x | 29452 |
| 745M-60 | 12333 | - | 2.362 | 60 | 10 | 3.5 | 3.63 | 1.65 | | | | x | 29452 |
| 745M-64 | 12334 | - | 2.520 | 64 | 10 | 3.5 | 3.87 | 1.75 | | | | x | 29452 |

* Battery-Powered or Corded Knockout Punch Driver

Large Diameter Knockouts for Stainless Steel

NEW PRODUCT



- Makes clean & accurate holes.
- For conduit sizes 2-1/2", 3", 3-1/2" & 4".
- Rated for punching in up to 10 gauge stainless steel.
- Excellent abrasion resistance for punching fiberglass and plastic.
- Kit includes punches, dies, draw stud and sleeve.
- High-Impact, rugged plastic carrying case (kit only).

| CAT NO. | UPC NO. | DESCRIPTION |
|------------|---------|---|
| 7308 | 06176 | Kit Includes: Punches and Dies for 2-1/2", 3" & 4" Conduit, Draw Stud (29452), Sleeve (1557SS) and Case |
| 745H-2-1/2 | 06183 | Punch Unit for 2-1/2" Conduit Includes: Punch, Die & Draw Stud (29452) |
| 745H-3 | 06190 | Punch Unit for 3" Conduit Includes: Punch, Die & Draw Stud (29452) |
| 745H-3-1/2 | 06206 | Punch Unit for 3-1/2" Conduit Includes: Punch, Die & Draw Stud (29452) |
| 745H-4 | 06213 | Punch Unit for 4" Conduit Includes: Punch, Die & Draw Stud (29452) |
| 1557SS | 00785 | Hydraulic Punch Sleeve (SS) |
| 00622 | 00622 | 2-1/2" Replacement Punch |
| 00626 | 00626 | 2-1/2" Replacement Die |
| 00623 | 00623 | 3" Replacement Punch |
| 00627 | 00627 | 3" Replacement Die |
| 00624 | 00624 | 3-1/2" Replacement Punch |
| 00629 | 00629 | 3-1/2" Replacement Die |
| 00625 | 00625 | 4" Replacement Punch |
| 00630 | 00630 | 4" Replacement Die |

SLUG-BUSTER® HYDRAULIC KNOCKOUT KITS

Slug-Buster® Ram and Hand Pump Kits (Inch and Metric)



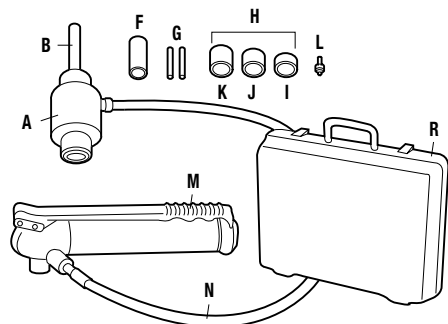
- Fast, easy and simple to operate.
- Compact design for field use on construction sites and maintenance jobs.
- Punches 10 times faster than wrench method.
- Will also drive 751 Cable Cutter head.
- Can be used with most standard round Slug-Buster® and Slug-Splitter SC™ punches (not 1/2", 9/16", 5/8").
- Can be used with non-round punches (adapter may be required).
- 3-foot hose
- Powerful 11-ton hydraulic ram.

| CAT NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|-----------|---------|--|--------|------|
| | | | LBS. | KG. |
| 7646 | 15906 | Driver with Hand Pump, Draw Studs, Spacer and Plastic Case | 20 | 9.1 |
| 7306SB | 34360 | Driver, Hand Pump, Slug-Buster® Punches, Dies and Draw Studs for 1/2" through 2" Conduit, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case | 24 | 10.9 |
| 7310SB | 34361 | Driver, Hand Pump, Slug-Buster® Punches, Dies and Draw Studs for 1/2" through 2" and 2-1/2" through 4" Standard Conduit Size Punches, Dies and Draw Studs, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case | 54 | 24.5 |
| 7646Pg-SB | 32799 | Metric – Driver, Slug-Buster® Pg Punches, Dies and Draw Studs for 15.2 mm through 60.0 mm, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case | 24 | 10.9 |
| 38520 | 38520 | Driver, Hand Pump, Slug-Buster® Punches and Draw Studs for 1/2" through 3" and 4" Conduit, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case | 48 | 21.8 |

STEEL CAPACITIES FOR CONDUIT SIZES

| REQUIRED DRAW STUD AND ACCESSORIES | STANDARD PUNCHES AND SLUG-BUSTER® | | | | | | | | | |
|---|-----------------------------------|------|----|--------|--------|----|--------|----|--------|----|
| | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" |
| 3/4" Stud (2113B), 3/8" Stud (20963) & Spacers | | | | | | | | | | |
| 3/4" Stud (2113B), Long Spacer | | | | | | | | | | |
| 3/4" Stud (2113B), Short Spacer | | | | | | | | | | |
| 3/4" Stud (2113B) | | | | | | | | | | |
| 3/4" Stud (2113B), & Sleeve (03170) | | | | | | | | | | |

10 GA. MILD STEEL



RAM AND HAND PUMP HYDRAULIC DRIVER PARTS IDENTIFICATION

| KEY | CAT. NO. | UPC NO. | DESCRIPTION |
|-----|----------|---------|--|
| | A | 746 | 17091 Ram (includes Item B) |
| | B | 2113B | 10109 Draw Stud-3/4" x 5 3/8" |
| | F | 1557AA | 03170 Punch Sleeve |
| | G | 20963 | 20963 Draw Stud-3/8" x 4.8" |
| | H | 15908 | Spacer Group (includes Items I, J and K) |
| | I | 1924AA | 03248 Spacer-Short |
| | J | 1925AA | 03249 Spacer-Medium |
| | K | 1926AA | 06904 Spacer-Long |
| | L | 34410 | Kwik Stepper® Step Bit 1/2" |
| | M | 767 | 13284 Hydraulic Hand Pump |
| | N | 06302 | 06302 High Pressure Hose-1/4" x 3' |
| | R | 30206 | 30206 Plastic Case |

Slug-Buster® Ram and Hand Pump Kits Parts List

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | | | KIT CAT./UPC NO. | | | | |
|-----------|---------|--|---------------------|---------|-------|------------|------------------|--------------|----------------|-------|---|
| | | | CONDUIT & PIPE SIZE | ACTUAL | | 7646/15906 | 7306SB/34360 | 7310SB/34361 | 7646PGSB/32799 | 38520 | |
| | | | | Ø INCH | Ø MM | | | | | | |
| 721-1/2 | 31756 | 1/2" Conduit Size Slug-Buster® Punch | 1/2" | 7/8 | 0.885 | 22.5 | | 1 | 1 | 1 | 1 |
| 14722 | 14722 | 1/2" Conduit Size Die | 1/2" | 7/8 | 0.885 | 22.5 | | 1 | 1 | 1 | 1 |
| 721-3/4 | 31757 | 3/4" Conduit Size Slug-Buster® Punch | 3/4" | — | 1.115 | 28.3 | | 1 | 1 | | 1 |
| 124AV | 06972 | 3/4" Conduit Size Die | 3/4" | — | 1.115 | 28.3 | | 1 | 1 | | 1 |
| 721-1 | 31758 | 1" Conduit Size Slug-Buster® Punch | 1" | — | 1.362 | 34.6 | | 1 | 1 | | 1 |
| 126AV | 04011 | 1" Conduit Size Die | 1" | — | 1.362 | 34.6 | | 1 | 1 | | 1 |
| 721-1-1/4 | 31759 | 1-1/4" Conduit Size Slug-Buster® Punch | 1-1/4" | 1-11/16 | 1.701 | 43.2 | | 1 | 1 | | 1 |
| 128AV | 04013 | 1-1/4" Conduit Size Die | 1-1/4" | 1-11/16 | 1.701 | 43.2 | | 1 | 1 | | 1 |
| 721-1-1/2 | 31760 | 1-1/2" Conduit Size Slug-Buster® Punch | 1-1/2" | 1-15/16 | 1.951 | 49.6 | | 1 | 1 | | 1 |
| 440AV | 04061 | 1-1/2" Conduit Size Die | 1-1/2" | 1-15/16 | 1.951 | 49.6 | | 1 | 1 | | 1 |
| 721-2 | 31761 | 2" Conduit Size Slug-Buster® Punch | 2" | 2-3/8 | 2.416 | 61.5 | | 1 | 1 | | 1 |
| 442AV | 04063 | 2" Conduit Size Die | 2" | 2-3/8 | 2.416 | 61.5 | | 1 | 1 | | 1 |
| 1429AV | 04175 | 2-1/2" Conduit Size Punch | 2-1/2" | 2-7/8 | 2.914 | 74.0 | | | 1 | | 1 |
| 1430AV | 04177 | 2-1/2" Conduit Size Die | 2-1/2" | 2-7/8 | 2.914 | 74.0 | | | 1 | | 1 |
| 1431AV | 04180 | 3" Conduit Size Punch | 3" | 3-1/2 | 3.539 | 89.9 | | | 1 | | 1 |
| 1432AV | 04183 | 3" Conduit Size Die | 3" | 3-1/2 | 3.539 | 89.9 | | | 1 | | 1 |
| 2982AV | 04653 | 3-1/2" Conduit Size Punch | 3-1/2" | 4 | 4.044 | 102.7 | | | 1 | | |
| 2981AV | 04652 | 3-1/2" Conduit Size Die | 3-1/2" | 4 | 4.044 | 102.7 | | | 1 | | |
| 2984AV | 04655 | 4" Conduit Size Punch | 4" | 4-1/2 | 4.544 | 115.4 | | | 1 | | 1 |
| 2983AV | 04654 | 4" Conduit Size Die | 4" | 4-1/2 | 4.544 | 115.4 | | | 1 | | 1 |
| 31969 | 31969 | Pg-9 Slug-Buster® Punch | — | — | 0.598 | 15.2 | | | | 1 | |
| 32002 | 32002 | Pg-9 Die | — | — | 0.598 | 15.2 | | | | 1 | |
| 31970 | 31970 | Pg-11 Slug-Buster® Punch | — | — | 0.732 | 18.6 | | | | 1 | |
| 32003 | 32003 | Pg-11 Die | — | — | 0.732 | 18.6 | | | | 1 | |
| 31971 | 31971 | Pg-13 Slug-Buster® Punch | — | — | 0.803 | 20.4 | | | | 1 | |
| 32004 | 32004 | Pg-13 Die | — | — | 0.803 | 20.4 | | | | 1 | |
| 31973 | 31973 | Pg-21 Slug-Buster® Punch | 3/4" | — | 1.115 | 28.3 | | | | 1 | |
| 32006 | 32006 | Pg-21 Die | 3/4" | — | 1.115 | 28.3 | | | | 1 | |
| 36284 | 36284 | Slug-Buster® Punch | — | 1-7/32 | 1.210 | 30.5 | | | | 1 | |
| 36279 | 36279 | Die | — | 1-7/32 | 1.210 | 30.5 | | | | 1 | |
| 31975 | 31975 | Pg-29 Slug-Buster® Punch | — | — | 1.457 | 37.0 | | | | 1 | |
| 32008 | 32008 | Pg-29 Die | — | — | 1.457 | 37.0 | | | | 1 | |
| 31976 | 31976 | Pg-36 Slug-Buster® Punch | — | — | 1.850 | 47.0 | | | | 1 | |
| 32009 | 32009 | Pg-36 Die | — | — | 1.850 | 47.0 | | | | 1 | |
| 31978 | 31978 | Pg-48 Slug-Buster® Punch | — | — | 2.362 | 60.0 | | | | 1 | |
| 32011 | 32011 | Pg-48 Die | — | — | 2.362 | 60.0 | | | | 1 | |
| 746 | 17091 | Ram (includes following item) | | | | | 1 | 1 | 1 | 1 | 1 |
| 2113B | 10109 | Draw Stud-3/4" x 5 3/8" | | | | | 1 | 1 | 1 | 1 | 1 |
| 1557AA | 03170 | Punch Sleeve | | | | | 1 | 1 | 1 | 1 | 1 |
| 20963 | 20963 | Draw stud-3/8" x 4.8" | | | | | 1 | 1 | 1 | 1 | 1 |
| 15908 | 15908 | Spacer Group (includes 1 ea. of following 3 items) | | | | | 1 | 1 | 1 | 1 | 1 |
| 1924AA | 03248 | Spacer-Short | | | | | 1 | 1 | 1 | 1 | 1 |
| 1925AA | 03249 | Spacer-Medium | | | | | 1 | 1 | 1 | 1 | 1 |
| 1926AA | 06904 | Spacer-Long | | | | | 1 | 1 | 1 | 1 | 1 |
| 34410 | 34410 | Kwik Stepper® Step Bit 1/2" | | | | | 1 | 1 | 1 | 1 | 1 |
| 767 | 13284 | Hydraulic Hand Pump | | | | | 1 | 1 | 1 | 1 | 1 |
| 06302 | 06302 | High Pressure Hose – 1/4" x 3' | | | | | 1 | 1 | 1 | 1 | |
| 30206 | 30206 | Plastic Case | | | | | 1 | 1 | | 1 | |
| 18402 | 18402 | Steel case | | | | | | | 1 | | 1 |
| 25094 | 25094 | Tray | | | | | | | 1 | | |

PUNCHES AND DIES

DRAW STUDS AND MISC.

Slug-Buster® Ram and Foot Pump Hydraulic Driver Kits



- Foot operation frees both hands to position punch.
- Punches 10 times faster than wrench method.
- Will also drive 751 Cable Cutter head.
- Powerful 11-ton hydraulic ram.
- Can be used with most standard round, Slug-Buster® and Slug-Splitter SC™ punch sizes. (Not 1/2", 9/16" 5/8")
- Can be used with non-round punches (adapter may be required).

| CAT NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|---------|---------|---|--------|-----|
| | | | LBS. | KG. |
| 7625 | 25097 | Driver, Foot Pump, Steel Case | 37 | 17 |
| 7606SB | 07173 | Driver, Foot Pump, Slug-Buster® Punches, Dies and Draw Studs for 1/2" through 2" Conduit, Steel Case | 42 | 19 |
| 7610SB | 07174 | Driver, Foot Pump, Slug-Buster® Punches, Dies & Draw Studs for 1/2" through 2" Conduit, Slug-Buster® Punches and 2 1/2" through 4" Conduit Standard Round Punches | 60 | 27 |

STEEL CAPACITIES FOR CONDUIT SIZES

| REQUIRED DRAW STUD AND ACCESSORIES | STANDARD PUNCHES AND SLUG-BUSTER® | | | | | | STANDARD | | | | SLUG-SPLITTER SC™ | | | | | |
|--|-----------------------------------|-------------------|----|--------|-------------------|----|-------------------|----|-------------------|----|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" |
| 3/4" Stud (2113B), 3/8" Stud (20963) & Spacers | 10 GA. MILD STEEL | | | | | | | | | | | | | | | |
| 3/4" Stud (2113B), Long Spacer | | 10 GA. MILD STEEL | | | | | | | | | | | | | | |
| 3/4" Stud (2113B), Short Spacer | | | | | 10 GA. MILD STEEL | | | | | | | | | | | |
| 3/4" Stud (2113B) | | | | | | | 10 GA. MILD STEEL | | | | | | | | | |
| 3/4" Stud (2113B), & Sleeve (03170) | | | | | | | | | 10 GA. MILD STEEL | | | | | | | |
| 7/16" Stud (29451) | | | | | | | | | | | 10 GA. STAINLESS STEEL | | | | | |
| 3/4" Stud (29452) | | | | | | | | | | | | 10 GA. STAINLESS STEEL | 10 GA. STAINLESS STEEL | 10 GA. STAINLESS STEEL | 10 GA. STAINLESS STEEL | 10 GA. STAINLESS STEEL |

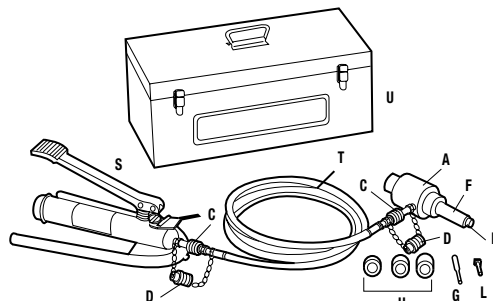
10 GA. MILD STEEL

10 GA. STAINLESS STEEL

Ram and Foot Pump Kits Parts List

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | | | KIT CAT./UPC NO. | | | |
|----------------------|-----------|-----------------------|---|--------|---------|----------------|------------------|------------------|---|---|
| | | | CONDUIT & PIPE SIZE | ACTUAL | | 7625/ 25097 | 7606SB/ 07173 | 7610SB/ 07174 | | |
| | | | | Ø INCH | Ø MM | | | | | |
| PUNCHES AND DIES | 721-1/2 | 31756 | 1/2" Conduit Size Slug-Buster® Punch | 1/2" | 7/8 | 0.885 | 22.5 | | 1 | 1 |
| | 14722 | 14722 | 1/2" Conduit Size Die | 1/2" | 7/8 | 0.885 | 22.5 | | 1 | 1 |
| | 721-3/4 | 31757 | 3/4" Conduit Size Slug-Buster® Punch | 3/4" | — | 1.115 | 28.3 | | 1 | 1 |
| | 124AV | 06972 | 3/4" Conduit Size Die | 3/4" | — | 1.115 | 28.3 | | 1 | 1 |
| | 721-1 | 31758 | 1" Conduit Size Slug-Buster® Punch | 1" | — | 1.362 | 34.6 | | 1 | 1 |
| | 126AV | 04011 | 1" Conduit Size Die | 1" | — | 1.362 | 34.6 | | 1 | 1 |
| | 721-1-1/4 | 31759 | 1-1/4" Conduit Size Slug-Buster® Punch | 1-1/4" | 1-11/16 | 1.701 | 43.2 | | 1 | 1 |
| | 128AV | 04013 | 1-1/4" Conduit Size Die | 1-1/4" | 1-11/16 | 1.701 | 43.2 | | 1 | 1 |
| | 721-1-1/2 | 31760 | 1-1/2" Conduit Size Slug-Buster® Punch | 1-1/2" | 1-15/16 | 1.951 | 49.6 | | 1 | 1 |
| | 440AV | 04061 | 1-1/2" Conduit Size Die | 1-1/2" | 1-15/16 | 1.951 | 49.6 | | 1 | 1 |
| | 721-2 | 31761 | 2" Conduit Size Slug-Buster® Punch | 2" | 2-3/8 | 2.416 | 61.5 | | 1 | 1 |
| | 442AV | 04063 | 2" Conduit Size Die | 2" | 2-3/8 | 2.416 | 61.5 | | 1 | 1 |
| | 1429AV | 04175 | 2-1/2" Conduit Size Punch | 2-1/2" | 2-7/8 | 2.914 | 74.0 | | | 1 |
| | 1430AV | 04177 | 2-1/2" Conduit Size Die | 2-1/2" | 2-7/8 | 2.914 | 74.0 | | | 1 |
| | 1431AV | 04180 | 3" Conduit Size Punch | 3" | 3-1/2 | 3.539 | 89.9 | | | 1 |
| | 1432AV | 04183 | 3" Conduit Size Die | 3" | 3-1/2 | 3.539 | 89.9 | | | 1 |
| | 2982AV | 04653 | 3-1/2" Conduit Size Punch | 3-1/2" | 4 | 4.044 | 102.7 | | | 1 |
| | 2981AV | 04652 | 3-1/2" Conduit Size Die | 3-1/2" | 4 | 4.044 | 102.7 | | | 1 |
| 2984AV | 04655 | 4" Conduit Size Punch | 4" | 4-1/2 | 4.544 | 115.4 | | | 1 | |
| 2983AV | 04654 | 4" Conduit Size Die | 4" | 4-1/2 | 4.544 | 115.4 | | | 1 | |
| DRAW STUDS AND MISC. | 746 | 17091 | (A) Ram (includes 1 ea. of items B, C, and D) | | | | | 1 | 1 | 1 |
| | 2113B | 10109 | (B) Draw Stud—3/4" x 5 3/8" | | | | | 1 | 1 | 1 |
| | 54167 | 54167 | (C) Female Coupler—1/4" | | | | | 1 | 1 | 1 |
| | 54168 | 54168 | (D) Dust Plug | | | | | 1 | 1 | 1 |
| | 1557AA | 03170 | (F) Punch Sleeve | | | | | 1 | 1 | 1 |
| | 20963 | 20963 | (G) Draw stud—3/8" x 4.8" | | | | | 1 | 1 | 1 |
| | 15908 | 15908 | (H) Spacer Group (includes 1 ea. of items I, J, and K) | | | | | 1 | 1 | 1 |
| | 1924AA | 03248 | (I) Spacer-Short | | | | | 1 | 1 | 1 |
| | 1925AA | 03249 | (J) Spacer-Medium | | | | | 1 | 1 | 1 |
| | 1926AA | 06904 | (K) Spacer-Long | | | | | 1 | 1 | 1 |
| | 34410 | 34410 | (L) Kwik Stepper® Step Bit 1/2" | | | | | 1 | 1 | 1 |
| | 1725 | 31353 | (S) Hydraulic Foot Pump (includes 1 ea. – 54167 female coupler and 54168 dust plug) | | | | | 1 | 1 | 1 |
| | 37729 | 37729 | (T) High Pressure Hose Unit – 1/4" x 10'; filled with hydraulic oil; (includes the following 2 items) | | | | | 1 | 1 | 1 |
| | 54169 | 54169 | Couplers | | | | | 2 | 2 | 2 |
| | 54170 | 54170 | Dust Caps | | | | | 2 | 2 | 2 |
| 23955 | 23955 | (U) Steel case | | | | | 1 | 1 | 1 | |
| 25094 | 25094 | Tray | | | | | 1 | 1 | 1 | |

RAM AND FOOT PUMP HYDRAULIC DRIVER PARTS IDENTIFICATION
(Match letters above to drawing.)



Quick Draw® Hydraulic Punch Driver and Kits

7706SB
Flex Driver Kit



7806SB
Quick Draw® Kit



7906SB
Quick Draw 90° Kit



The Quick Draw®, Quick Draw 90®, and Quick Draw® Flex feature:

- Compact, lightweight design for portability and fast, easy one-person operation.
- Develops 8 tons of hydraulic force for easy punching, even in 10-gauge stainless steel, depending on individual punch capacities.
- Quick Draw® is perfect for fast, straight-on front panel punching.
- Quick Draw 90®'s right angle driver head rotates over 180 degrees for maximum flexibility in tight working areas.
- Quick Draw® Flex allows unlimited driver orientation to simplify access to work area.
- Can be used with non-round punches within the capacity of the tool (adapter may be required).
- U.S. Patent #6,772,521.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------|---------|--|--------|-----|
| | | | LBS. | KG. |
| 7704SB | 10475 | Quick Draw® Flex Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case | 12.1 | 5.5 |
| 7706SB | 10476 | Standard – Quick Draw® Flex Driver, 1/2" through 2" Slug-Buster® Conduit Size Punches and Dies, 2 Draw Studs, 1 Adapter, 1 Spacer and Case | 17.3 | 7.9 |
| 7804SB | 34292 | Quick Draw® Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case | 10 | 4.5 |
| 7806SB | 34293 | Standard – Quick Draw® Driver, 1/2" through 2" Slug-Buster® Conduit Size Punches and Dies 2 Draw Studs, 1 Adapter, 1 Spacer and Case | 14 | 6.4 |
| 7804E | 34291 | Metric – Quick Draw® Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case | 9.4 | 4.3 |
| 7804ESB | 35611 | Metric – Quick Draw® Driver, Slug-Buster® Pg Punches and Dies 15.2 mm through 30.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case | 10.3 | 4.7 |
| 7804ISO | 35614 | Metric – Quick Draw® Driver, Slug-Buster® ISO Punches and Dies 16.2 mm through 40.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case | 11.4 | 5.2 |
| 7904SB | 33794 | Quick Draw 90° Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case | 10 | 4.5 |
| 7906SB | 34300 | Quick Draw 90° Driver, 1/2" through 2" Slug-Buster® Conduit Size Punches and Dies, Draw Studs, 1 Adapter, 1 Spacer and Case | 14 | 6.4 |
| 7904E | 34299 | Metric – Quick Draw 90° Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case | 11 | 5.0 |
| 7904ESB | 35615 | Metric – Quick Draw 90° Driver, Slug-Buster® Pg Punches and Dies 15.2 mm through 30.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case | 11 | 5.0 |
| 7904ISO | 35616 | Metric – Quick Draw 90° Driver, Slug-Buster® ISO Punches and Dies 16.2 mm through 40.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case | 12.2 | 5.5 |
| 34983 | 34983 | Plastic Case | | |



STEEL CAPACITIES FOR CONDUIT SIZES

| REQUIRED DRAW STUD AND ACCESSORIES | STANDARD PUNCHES AND SLUG-BUSTER® | | | | | | | SLUG-SPLITTER SC™ | | | |
|------------------------------------|-----------------------------------|------|------------------|----|--------|--------|----|-------------------|------|------------------|--------|
| | 1/2" | 3/4" | 1-7/32" OILTIGHT | 1" | 1-1/4" | 1-1/2" | 2" | 1/2" | 3/4" | 1-7/32" OILTIGHT | 1-1/4" |
| 3/8" Draw Stud | | | | | | | | | | | |
| Spacer & 7/16" Draw Stud | | | | | | | | | | | |
| Spacer & 3/4" Draw Stud | | | | | | | | | | | |
| 3/4" Draw Stud | | | | | | | | | | | |

10 GA. MILD STEEL
 10 GA. STAINLESS STEEL

Parts List for Quick Draw®, Quick Draw 90® and Quick Draw® Flex Kits

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | | | KIT CAT./UPC NO. | | | | | | | | | | | | | | | | | | | | |
|------------------|-----------|---------------------------------------|--|--------|---------|--------------|------------------|-------------|---------------|---------------|--------------|--------------|-------------|---------------|---------------|--------------|--------------|---|---|---|---|---|---|---|---|---|---|
| | | | CONDUIT & PIPE SIZE | ACTUAL | | 7704SB/10475 | 7706SB/10476 | 7804E/34291 | 7804ESB/35611 | 7804ISO/35614 | 7804SB/34292 | 7806SB/34293 | 7904E/34299 | 7904ESB/35615 | 7904ISO/35616 | 7904SB/33794 | 7906SB/34300 | | | | | | | | | | |
| | | | | Ø INCH | Ø MM | | | | | | | | | | | | | | | | | | | | | | |
| PUNCHES AND DIES | 721-1/2 | 31756 | 1/2" Conduit Size Slug-Buster® Punch | 1/2" | 7/8 | 0.885 | 22.5 | | ✓ | | ✓ | | | ✓ | | ✓ | | | | | | | | | | | ✓ |
| | 14722 | 14722 | 1/2" Conduit Size Die | 1/2" | 7/8 | 0.885 | 22.5 | | ✓ | | ✓ | | | ✓ | | ✓ | | | | | | | | | | | ✓ |
| | 721-3/4 | 31757 | 3/4" Conduit Size Slug-Buster® Punch | 3/4" | — | 1.115 | 28.3 | | ✓ | | | | | ✓ | | | | | | | | | | | | | ✓ |
| | | | 3/4" Conduit Size Die | 3/4" | — | 1.115 | 28.3 | | ✓ | | | | | ✓ | | | | | | | | | | | | | ✓ |
| | 124AV | 06972 | 1" Conduit Size Slug-Buster® Punch | 1" | — | 1.362 | 34.6 | | ✓ | | | | | ✓ | | | | | | | | | | | | | ✓ |
| | 721-1 | 31758 | 1" Conduit Size Die | 1" | — | 1.362 | 34.6 | | ✓ | | | | | ✓ | | | | | | | | | | | | | ✓ |
| | 126AV | 04011 | 1-1/4" Conduit Size Slug-Buster® Punch | 1-1/4" | 1-11/16 | 1.701 | 43.2 | | ✓ | | | | | ✓ | | | | | | | | | | | | | ✓ |
| | 721-1-1/4 | 31759 | 1-1/4" Conduit Size Die | 1-1/4" | 1-11/16 | 1.701 | 43.2 | | ✓ | | | | | ✓ | | | | | | | | | | | | | ✓ |
| | 128AV | 04013 | 1-1/2" Conduit Size Slug-Buster® Punch | 1-1/2" | 1-15/16 | 1.951 | 49.6 | | ✓ | | | | | ✓ | | | | | | | | | | | | | ✓ |
| | 721-1-1/2 | 31760 | 1-1/2" Conduit Size Die | 1-1/2" | 1-15/16 | 1.951 | 49.6 | | ✓ | | | | | ✓ | | | | | | | | | | | | | ✓ |
| | 440AV | 04061 | 2" Conduit Size Slug-Buster® Punch | 2" | 2-3/8 | 2.416 | 61.5 | | ✓ | | | | | ✓ | | | | | | | | | | | | | ✓ |
| | 721-2 | 31761 | 2" Conduit Size Die | 2" | 2-3/8 | 2.416 | 61.5 | | ✓ | | | | | ✓ | | | | | | | | | | | | | ✓ |
| | 442AV | 04063 | Pg-9 Slug-Buster® Punch | — | — | 0.598 | 74.0 | | | | | | | ✓ | | | | | | | | | | | | | ✓ |
| | 31696 | 31696 | Pg-9 Die | — | — | 0.598 | 74.0 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 32002 | 32002 | Pg-11 Slug-Buster® Punch | — | — | 0.732 | 89.9 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 31970 | 31970 | Pg-11 Die | — | — | 0.732 | 89.9 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 32003 | 32003 | Pg-13 Slug-Buster® Punch | — | — | 0.803 | 102.7 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 31971 | 31971 | Pg-13 Die | — | — | 0.803 | 102.7 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 32004 | 32004 | Pg-21 Slug-Buster® Punch | 3/4" | — | 1.115 | 115.4 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 31973 | 31973 | Pg-21 Die | 3/4" | — | 1.115 | 115.4 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 32006 | 32006 | 30.5 mm Slug-Buster® Punch | — | 1-7/32 | 1.210 | 30.5 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 36284 | 36284 | 30.5 mm Die | — | 1-7/32 | 1.210 | 30.5 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 36279 | 36279 | ISO-16 Slug-Buster® Punch | — | — | 0.638 | 16.2 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 35163 | 35163 | ISO-16 Die | — | — | 0.638 | 16.2 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 35162 | 35162 | ISO-25 Slug-Buster® Punch | — | 1 | 1.000 | 25.4 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 35165 | 35165 | ISO-25 Die | — | 1 | 1.000 | 25.4 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 35164 | 35164 | ISO-32 Slug-Buster® Punch | — | — | 1.280 | 32.5 | | | | | | | | | | | | | | | | | | | | ✓ |
| | 35169 | 35169 | ISO-32 Die | — | — | 1.280 | 32.5 | | | | | | | | | | | | | | | | | | | | ✓ |
| 35168 | 35168 | ISO-40 Slug-Buster® Punch | — | — | 1.595 | 40.5 | | | | | | | | | | | | | | | | | | | | ✓ | |
| 35158 | 35158 | ISO-40 Die | — | — | 1.595 | 40.5 | | | | | | | | | | | | | | | | | | | | ✓ | |
| 35159 | 35159 | Quick Draw® Hydraulic Punch Driver | | | | | | | | | | | | | | | | | | | | | | | | ✓ | |
| 34288 | 34288 | Quick Draw 90® Hydraulic Punch Driver | | | | | | | | | | | | | | | | | | | | | | | | ✓ | |
| 33796 | 33796 | Quick Draw® Flex Driver | | | | | | | | | | | | | | | | | | | | | | | | ✓ | |
| 10383 | 10383 | Draw Stud - 3/8" x 2-13/16" | | | | | | ✓ | ✓ | | | | | | | | | | | | | | | | | ✓ | |
| 1614SS | 30043 | Draw Stud - 3/4" x 4-1/8" | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 31872 | 31872 | Spacer - Short | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 1924AA | 03248 | Stud Adapter - 3/8" | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 33967 | 33967 | Plastic Case | | | | | | | | | | | | | | | | | | | | | | | | ✓ | |
| 35202 | 35202 | Plastic Case | | | | | | | | | | | | | | | | | | | | | | | | ✓ | |
| 34983 | 34983 | Plastic Case | | | | | | | | | | | | | | | | | | | | | | | | ✓ | |
| 10391 | 10391 | Plastic Case | | | | | | ✓ | ✓ | | | | | | | | | | | | | | | | | ✓ | |

OPTIONAL ACCESSORIES FOR 7806SB, 7804E, 7804ESB, 7804ISO, 7906SB, 7904E, 7904ESB AND 7904ISO KITS (NOT INCLUDED IN KITS)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 29451 | 29451 | 7/16" (11.1 mm) Stainless Steel Draw Stud |

SLUG-BUSTER® KNOCKOUT KITS

Slug-Buster® Ratchet Punch Driver Kits



- Time-saving ball bearing head punches faster than wrench method.
- Requires less than half the force of conventional ratchet drivers.
- Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Standard and Slug-Buster® punches; and 16 gauge (1.5 mm) stainless steel with Greenlee Slug-Splitter SC™ punches.
- Ratchet action allows for use in confined areas.
- Unique design eliminates stud rotation during punching – lowers the strain on studs.
- Steel carrying case.

| CAT NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|---------|---------|--|--------|-----|
| | | | LBS. | KG. |
| 1904 | 30216 | Basic High Leverage Ratchet Driver with Three Draw Studs and Case | 14 | 6.4 |
| 1906SB | 34357 | High Leverage Ratchet Driver with 1/2" through 2" Slug-Buster® Conduit Size Punches, Dies, Draw Studs and Case | 20 | 9.1 |

| | CAT. NO. | UPC NO. | DESCRIPTION | CONDUIT & PIPE SIZE | HOLE SIZE | | | | KIT CAT./UPC NO. | | |
|----------------------|-----------|------------------------------------|--|---------------------|-----------|-------|---------------------|-----|------------------|---------------|---|
| | | | | | ACTUAL | | CAPACITY MILD STEEL | | 1904/ 30216 | 1906SB/ 34357 | |
| | | | | | Ø INCH | Ø MM | GA | MM | | | |
| PUNCHES AND DIES | 721-1/2 | 31756 | 1/2" Conduit Size Slug-Buster® Punch | 1/2" | 7/8 | 0.885 | 22.5 | 10 | 3.5 | ✓ | ✓ |
| | 14722 | 14722 | 1/2" Conduit Size Die | 1/2" | 7/8 | 0.885 | 22.5 | 10 | 3.5 | ✓ | ✓ |
| | 721-3/4 | 31757 | 3/4" Conduit Size Slug-Buster® Punch | 3/4" | — | 1.115 | 28.3 | 10 | 3.5 | ✓ | ✓ |
| | 124AV | 06972 | 3/4" Conduit Size Die | 3/4" | — | 1.115 | 28.3 | 10 | 3.5 | ✓ | ✓ |
| | 721-1 | 31758 | 1" Conduit Size Slug-Buster® Punch | 1" | — | 1.362 | 34.6 | 10 | 3.5 | ✓ | ✓ |
| | 126AV | 04011 | 1" Conduit Size Die | 1" | — | 1.362 | 34.6 | 10 | 3.5 | ✓ | ✓ |
| | 721-1-1/4 | 31759 | 1-1/4" Conduit Size Slug-Buster® Punch | 1-1/4" | 1-11/16 | 1.701 | 43.2 | 10 | 3.5 | ✓ | ✓ |
| | 128AV | 04013 | 1-1/4" Conduit Size Die | 1-1/4" | 1-11/16 | 1.701 | 43.2 | 10 | 3.5 | ✓ | ✓ |
| | 721-1-1/2 | 31760 | 1-1/2" Conduit Size Slug-Buster® Punch | 1-1/2" | 1-15/16 | 1.951 | 49.6 | 10* | 3.5 | ✓ | ✓ |
| | 440AV | 04061 | 1-1/2" Conduit Size Die | 1-1/2" | 1-15/16 | 1.951 | 49.6 | 10* | 3.5 | ✓ | ✓ |
| 721-2 | 31761 | 2" Conduit Size Slug-Buster® Punch | 2" | 2-3/8 | 2.416 | 61.5 | 10* | 3.5 | ✓ | ✓ | |
| 442AV | 04063 | 2" Conduit Size Die | 2" | 2-3/8 | 2.416 | 61.5 | 10* | 3.5 | ✓ | ✓ | |
| DRAW STUDS AND MISC. | 12097 | 12097 | Draw Stud – 3/8" x 3-1/2" | | | | | | | ✓ | ✓ |
| | 12099 | 12099 | Draw Stud – 3/4" x 4-3/4" | | | | | | | ✓ | ✓ |
| | 30227 | 30227 | Draw Stud – 7/16" x 3-5/8" | | | | | | | ✓ | ✓ |
| | 30228 | 30228 | Steel Case | | | | | | | ✓ | ✓ |
| | 20495 | 20495 | Ratchet wrench only | | | | | | | ✓ | ✓ |
| | 30225 | 30225 | Handle | | | | | | | ✓ | ✓ |

Slug-Buster® Knockout Kit with Ratchet Wrench



- 1" Hex Ratchet Wrench allows use with both 3/8" (9.5 mm) and 3/4" (19.1 mm) draw studs.
- High-impact, rugged plastic carrying case.

| CAT NO. | UPC NO. | DESCRIPTION | CAPACITY | | | |
|---------|---------|--|-------------------|-----|------|------|
| | | | MILD STEEL WEIGHT | | | |
| | | | GA | MM | LBS. | KG. |
| 7238SB | 34757 | 1/2" – 2" Conduit Size Slug-Buster® Knockout Punch Kit | 10 | 3.5 | 10 | 4.54 |

7238SB/34757 SLUG-BUSTER® KNOCKOUT PUNCH KIT INCLUDES

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE ACTUAL | | |
|-----------|---------|---|------------------|-------|-------|
| | | | Ø INCH | | Ø MM. |
| 34941 | 34941 | Ratchet wrench – 1" Hex | | | |
| 721-1/2 | 31756 | 1/2" Conduit Size Punch | 7/8 | .885 | 22.5 |
| 14722 | 14722 | 1/2" Conduit Size Die | 7/8 | .885 | 22.5 |
| 721-3/4 | 31757 | 3/4" Conduit Size Punch | — | 1.115 | 28.3 |
| 124AV | 06972 | 3/4" Conduit Size Die | — | 1.115 | 28.3 |
| 721-1 | 31758 | 1" Conduit Size Punch | — | 1.362 | 34.6 |
| 126AV | 04011 | 1" Conduit Size Die | — | 1.362 | 34.6 |
| 721-1-1/4 | 31759 | 1-1/4" Conduit Size Punch | — | 1.701 | 43.2 |
| 128AV | 04013 | 1-1/4" Conduit Size Die | — | 1.701 | 43.2 |
| 721-1-1/2 | 31760 | 1-1/2" Conduit Size Punch | — | 1.951 | 49.6 |
| 440AV | 04061 | 1-1/2" Conduit Size Die | — | 1.951 | 49.6 |
| 721-2 | 31761 | 2" Conduit Size Punch | 2-3/8 | 2.416 | 61.5 |
| 442AV | 04063 | 2" Conduit Size Die | 2-3/8 | 2.416 | 61.5 |
| 00042 | 00042 | Ball Bearing Draw Stud with 1" Hex Head—3/8" x 1-5/8" | | | |
| 304AVBB | 04042 | Ball Bearing Draw Stud—3/4" x 2-15/16" | | | |
| 34758 | 34758 | Plastic Case | | | |

Slug-Buster® Manual Knockout Kits



7235BB

- Assortment of commonly used Slug-Buster® knockout punches, packaged to meet the contractor's needs.
- High-impact, rugged plastic carrying case.

| CAT NO. | UPC NO. | DESCRIPTION | CAPACITY | | | |
|---------|---------|---|----------|-----|------|-----|
| | | | GA | MM | LBS. | KG. |
| 7235BB | 32013 | 1/2" - 1-1/4" Conduit Size Manual Slug-Buster® Knockout Punch Kit | 10 | 3.5 | 2.7 | 1.2 |
| 7237BB | 32014 | 1-1/2" and 2" Conduit Size Manual Slug-Buster® Knockout Punch Kit | 10 | 3.5 | 5.2 | 2.4 |

7235BB/32013 SLUG-BUSTER® KNOCKOUT PUNCH KIT INCLUDES

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE ACTUAL | | |
|-----------|---------|---------------------------|------------------|-------|------|
| | | | Ø INCH | | Ø MM |
| 721-1/2 | 31756 | 1/2" Conduit Size Punch | 7/8 | .885 | 22.5 |
| 14722 | 14722 | 1/2" Conduit Size Die | 7/8 | .885 | 22.5 |
| 00042 | 00042 | Draw Stud-3/8" x 1-5/8" | | | |
| 721-3/4 | 31757 | 3/4" Conduit Size Punch | — | 1.115 | 28.3 |
| 124AV | 06972 | 3/4" Conduit Size Die | — | 1.115 | 28.3 |
| 721-1 | 31758 | 1" Conduit Size Punch | — | 1.362 | 34.6 |
| 126AV | 04011 | 1" Conduit Size Die | — | 1.362 | 34.6 |
| 721-1-1/4 | 31759 | 1-1/4" Conduit Size Punch | — | 1.701 | 43.2 |
| 128AV | 04013 | 1-1/4" Conduit Size Die | — | 1.701 | 43.2 |
| 249AVBB | 04040 | Draw Stud-3/4" x 2-1/8" | | | |
| 31880 | 31880 | Plastic Case | | | |



7237BB

7237BB/32014 SLUG-BUSTER® KNOCKOUT PUNCH KIT INCLUDES

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE ACTUAL | | |
|-----------|---------|---------------------------|------------------|-------|------|
| | | | Ø INCH | | Ø MM |
| 721-1-1/2 | 31760 | 1-1/2" Conduit Size Punch | — | 1.951 | 49.6 |
| 440AV | 04061 | 1-1/2" Conduit Size Die | — | 1.951 | 49.6 |
| 721-2 | 31761 | 2" Conduit Size Punch | 2-3/8 | 2.416 | 61.5 |
| 442AV | 04063 | 2" Conduit Size Die | 2-3/8 | 2.416 | 61.5 |
| 304AVBB | 04042 | Draw Stud-3/4" x 2-15/16" | | | |
| 32012 | 32012 | Plastic Case | | | |

Slug-Buster® Knockout Kit with Ratchet Wrench - Metric

36690



- 1" (25.4 mm) hex ratchet wrench allows use with both 3/8" (9.5 mm) and 3/4" (19.1 mm) draw studs.
- 3/8" (9.7 mm) Kwik Stepper® step bit included.
- High-impact, rugged plastic carrying case.

| CAT NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|---------|---------|--|--------|-----|
| | | | LBS. | KG. |
| 36690 | 36690 | Pg-9 through Pg-21 and 30.5 mm Manual Slug-Buster® Metric Knockout Punch Kit | 4.7 | 2.1 |
| 36691 | 36691 | Pg-9 through Pg-48 and 30.5 mm Manual Slug-Buster® Metric Knockout Punch Kit | 9 | 4.1 |
| 36692 | 36692 | ISO-16 through ISO-40 Manual Slug-Buster® Metric Knockout Punch Kit | 5.6 | 2.5 |
| 36693 | 36693 | ISO-16 through ISO-63 Manual Slug-Buster® Metric Knockout Punch Kit | 9 | 4.1 |

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | | | KIT CAT./UPC NO. | | | | |
|---------|---------|--|-----------|-------|---------------------|----|------------------|-------|-------|-------|---|
| | | | ACTUAL | | CAPACITY MILD STEEL | | 36690 | 36691 | 36692 | 36993 | |
| | | | IN. | MM | GA | MM | | | | | |
| 31969 | 31969 | Pg-9 Slug-Buster® Punch | — | 0.598 | 15.2 | 14 | 2.0 | ✓ | ✓ | | |
| 32002 | 32002 | Pg-9 Die | — | 0.598 | 15.2 | 14 | 2.0 | ✓ | ✓ | | |
| 31970 | 31970 | Pg-11 Slug-Buster® Punch | — | 0.732 | 18.6 | 14 | 2.0 | ✓ | ✓ | | |
| 32003 | 32003 | Pg-11 Die | — | 0.732 | 18.6 | 14 | 2.0 | ✓ | ✓ | | |
| 31971 | 31971 | Pg-13 Slug-Buster® Punch | — | 0.803 | 20.4 | 14 | 2.0 | ✓ | ✓ | ✓ | ✓ |
| 32004 | 32004 | Pg-13 Die | — | 0.803 | 20.4 | 14 | 2.0 | ✓ | ✓ | ✓ | ✓ |
| 721-1/2 | 31756 | Pg-16 Slug-Buster® Punch | 7/8 | 0.885 | 22.5 | 10 | 3.5 | ✓ | ✓ | | |
| 14722 | 14722 | Pg-16 Die | 7/8 | 0.885 | 22.5 | 10 | 3.5 | ✓ | ✓ | | |
| 31973 | 31973 | Pg-21 Slug-Buster® Punch | — | 1.115 | 28.3 | 14 | 2.0 | ✓ | ✓ | | |
| 32006 | 32006 | Pg-21 Die | — | 1.115 | 28.3 | 14 | 2.0 | ✓ | ✓ | | |
| 36284 | 36284 | 30.5 mm Slug-Buster® Punch | 1-7/32 | 1.210 | 30.5 | 14 | 2.0 | ✓ | ✓ | | |
| 36279 | 36279 | 30.5 mm Die | 1-7/32 | 1.210 | 30.5 | 14 | 2.0 | ✓ | ✓ | | |
| 31975 | 31975 | Pg-29 Slug-Buster® Punch | — | 1.457 | 37.0 | 10 | 3.5 | | ✓ | | |
| 32008 | 32008 | Pg-29 Die | — | 1.457 | 37.0 | 10 | 3.5 | | ✓ | | |
| 31976 | 31976 | Pg-36 Slug-Buster® Punch | — | 1.850 | 47.0 | 10 | 3.5 | | ✓ | | |
| 32009 | 32009 | Pg-36 Die | — | 1.850 | 47.0 | 10 | 3.5 | | ✓ | | |
| 31978 | 31978 | Pg-48 Slug-Buster® Punch | — | 2.362 | 60.0 | 10 | 3.5 | | ✓ | | |
| 32011 | 32011 | Pg-48 Die | — | 2.362 | 60.0 | 10 | 3.5 | | ✓ | | |
| 35163 | 35163 | ISO-16 Slug-Buster® Punch | — | 0.638 | 16.2 | 14 | 2.0 | | | ✓ | ✓ |
| 35162 | 35162 | ISO-16 Die | — | 0.638 | 16.2 | 14 | 2.0 | | | ✓ | ✓ |
| 35165 | 35165 | ISO-25 Slug-Buster® Punch | 1 | 1.000 | 25.4 | 14 | 2.0 | | | ✓ | ✓ |
| 35164 | 35164 | ISO-25 Die | 1 | 1.000 | 25.4 | 14 | 2.0 | | | ✓ | ✓ |
| 35169 | 35169 | ISO-32 Slug-Buster® Punch | — | 1.280 | 32.5 | 10 | 3.5 | | | ✓ | ✓ |
| 35168 | 35168 | ISO-32 Die | — | 1.280 | 32.5 | 10 | 3.5 | | | ✓ | ✓ |
| 35158 | 35158 | ISO-40 Slug-Buster® Punch | — | 1.595 | 40.5 | 10 | 3.5 | | | ✓ | ✓ |
| 35159 | 35159 | ISO-40 Die | — | 1.595 | 40.5 | 10 | 3.5 | | | ✓ | ✓ |
| 35160 | 35160 | ISO-50 Slug-Buster® Punch | 2 | 2.000 | 50.8 | 10 | 3.5 | | | | ✓ |
| 35161 | 35161 | ISO-50 Die | 2 | 2.000 | 50.8 | 10 | 3.5 | | | | ✓ |
| 35167 | 35167 | ISO-63 Slug-Buster® Punch | 2-1/2 | 2.500 | 63.5 | 10 | 3.5 | | | | ✓ |
| 35166 | 35166 | ISO-63 Die | 2-1/2 | 2.500 | 63.5 | 10 | 3.5 | | | | ✓ |
| 249AVBB | 04040 | Draw Stud – 3/4" x 2-1/8" | | | | | | | | ✓ | |
| 304AVBB | 04042 | Draw Stud – 3/4" x 2-15/16" | | | | | | | | ✓ | ✓ |
| 36018 | 36018 | Kwik Stepper® Step Bit 9.7mm | | | | | | ✓ | ✓ | ✓ | ✓ |
| 34941 | 34941 | Ratchet Wrench – 1" Hex | | | | | | ✓ | ✓ | ✓ | ✓ |
| 00042 | 00042 | Ball Bearing Drive Nut with 1" Hex Head, 3/8" x 3" | | | | | | ✓ | ✓ | ✓ | ✓ |
| 36685 | 36685 | Plastic Case | | | | | | ✓ | ✓ | ✓ | ✓ |

Slug-Buster® Knockout Punch Kits for Ratchet/Hydraulic Drivers



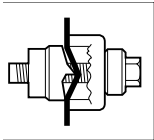
- Packaged in carton for easy insertion into your existing case.
- Replacement punch kits for battery-powered, hydraulic and ratchet drivers.

| CAT NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|---------|---------|---|--------|-----|
| | | | LBS. | KG. |
| 7216 | 32017 | 1/2" - 2" Conduit Size Knockout Punch and Die Kit | 5.5 | 2.5 |
| 7214E | 32398 | Pg-9 through 30.5 mm Slug-Buster® Pg Punch Kit | 1.3 | .6 |
| 7215E | 32803 | ISO-16 through ISO-40 Slug-Buster® ISO Punch Kit | 5.1 | 2.3 |
| 35617 | 35617 | ISO-16 through ISO-40 Slug-Buster® ISO Punch Kit | 1.6 | .7 |
| 06892 | 06892 | ISO-16 through ISO-63 Slug-Buster® ISO Punch Kit | 5.5 | 2.5 |

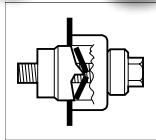
| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | | | KIT CAT./UPC NO. | | | | | | |
|-----------|---------|---------------------------|---------------------|--------|-------|---------------------|------------------|------------|-------------|-------------|-------|-------|---|
| | | | CONDUIT & PIPE SIZE | ACUTAL | | CAPACITY MILD STEEL | | 7216/32017 | 7214E/32398 | 7215E/32803 | 35617 | 06892 | |
| | | | | IN. | MM | GA | MM | | | | | | |
| 721-1/2 | 31756 | 1/2" Conduit Size Punch | 1/2" | 7/8 | .885 | 22.5 | 10 | 3.5 | ✓ | ✓ | ✓ | | |
| 14722 | 14722 | 1/2" Conduit Size Die | 1/2" | 7/8 | .885 | 22.5 | 10 | 3.5 | ✓ | ✓ | ✓ | | |
| 721-3/4 | 31757 | 3/4" Conduit Size Punch | 3/4" | — | 1.115 | 28.3 | 10 | 3.5 | ✓ | | | | |
| 06972 | 06972 | 3/4" Conduit Size Die | 3/4" | — | 1.115 | 28.3 | 10 | 3.5 | ✓ | | | | |
| 721-1 | 31578 | 1" Conduit Size Punch | 1" | — | 1.362 | 34.6 | 10 | 3.5 | ✓ | | | ✓ | |
| 126AV | 04011 | 1" Conduit Size Die | 1" | — | 1.362 | 34.6 | 10 | 3.5 | ✓ | | | ✓ | |
| 721-1-1/4 | 31759 | 1-1/4" Conduit Size Punch | 1-1/4" | — | 1.701 | 43.2 | 10 | 3.5 | ✓ | | | | |
| 128AV | 04013 | 1-1/4" Conduit Size Die | 1-1/4" | — | 1.701 | 43.2 | 10 | 3.5 | ✓ | | | | |
| 721-1-1/2 | 31760 | 1-1/2" Conduit Size Punch | 1-1/2" | — | 1.951 | 49.6 | 10 | 3.5 | ✓ | | | | |
| 440AV | 04061 | 1-1/2" Conduit Size Die | 1-1/2" | — | 1.951 | 49.6 | 10 | 3.5 | ✓ | | | | |
| 721-2 | 31761 | 2" Conduit Size Punch | 2" | 2-3/8 | 2.416 | 61.5 | 10 | 3.5 | ✓ | | | | |
| 442AV | 04063 | 2" Conduit Size Die | 2" | 2-3/8 | 2.416 | 61.5 | 10 | 3.5 | ✓ | | | | |
| 31969 | 31969 | Pg-9 Slug-Buster Punch | — | — | .598 | 15.2 | 14 | 2.0 | | ✓ | ✓ | | |
| 32002 | 32002 | Pg-9 Slug-Buster Die | — | — | .598 | 15.2 | 14 | 2.0 | | ✓ | ✓ | | |
| 31970 | 31970 | Pg-11 Slug-Buster Punch | — | — | .732 | 18.6 | 14 | 2.0 | | ✓ | ✓ | | |
| 32003 | 32003 | Pg-11 Slug-Buster Die | — | — | .732 | 18.6 | 14 | 2.0 | | ✓ | ✓ | | |
| 31971 | 31971 | Pg-13 Slug-Buster Punch | — | — | .803 | 20.4 | 14 | 2.0 | | ✓ | ✓ | ✓ | ✓ |
| 32004 | 32004 | Pg-13 Slug-Buster Die | — | — | .803 | 20.4 | 14 | 2.0 | | ✓ | ✓ | ✓ | ✓ |
| 31973 | 31973 | Pg-21 Slug-Buster Punch | — | — | 1.115 | 28.3 | 14 | 2.0 | | ✓ | ✓ | | |
| 32006 | 32006 | Pg-21 Slug-Buster Die | — | — | 1.115 | 28.3 | 14 | 2.0 | | ✓ | ✓ | | |
| 36284 | 36284 | 30.5 mm Punch | — | 1-7/32 | 1.210 | 30.5 | 14 | 3.5 | | ✓ | ✓ | | |
| 36279 | 36279 | 30.5 mm Die | — | 1-7/32 | 1.210 | 30.5 | 14 | 3.5 | | ✓ | ✓ | | |
| 31975 | 31975 | Pg-29 Slug-Buster Punch | — | — | 1.457 | 37.0 | 10 | 3.5 | | | ✓ | | |
| 32008 | 32008 | Pg-29 Slug-Buster Die | — | — | 1.457 | 37.0 | 10 | 3.5 | | | ✓ | | |
| 31976 | 31976 | Pg-36 Slug-Buster Punch | — | — | 1.850 | 47.0 | 10 | 3.5 | | | ✓ | | |
| 32009 | 32009 | Pg-36 Slug-Buster Die | — | — | 1.850 | 47.0 | 10 | 3.5 | | | ✓ | | |
| 31978 | 31978 | Pg-48 Slug-Buster Punch | — | — | 2.362 | 60.0 | 10 | 3.5 | | | ✓ | | |
| 32011 | 32011 | Pg-48 Slug-Buster Die | — | — | 2.362 | 60.0 | 10 | 3.5 | | | ✓ | | |
| 35163 | 35163 | ISO-16 Punch | — | — | 0.638 | 16.2 | 14 | 2.0 | | | | ✓ | ✓ |
| 35162 | 35162 | ISO-16 Die | — | — | 0.638 | 16.2 | 14 | 2.0 | | | | ✓ | ✓ |
| 35165 | 35165 | ISO-25 Punch | — | 1 | 1.000 | 25.4 | 14 | 2.0 | | | | ✓ | ✓ |
| 35164 | 35164 | ISO-25 Die | — | 1 | 1.000 | 25.4 | 14 | 2.0 | | | | ✓ | ✓ |
| 35169 | 35169 | ISO-32 Punch | — | — | 1.280 | 32.5 | 10 | 3.5 | | | | ✓ | ✓ |
| 35169 | 35169 | ISO-32 Die | — | — | 1.280 | 32.5 | 10 | 3.5 | | | | ✓ | ✓ |
| 35158 | 35158 | ISO-40 Punch | — | — | 1.595 | 40.5 | 10 | 3.5 | | | | ✓ | ✓ |
| 35158 | 35158 | ISO-40 Die | — | — | 1.595 | 40.5 | 10 | 3.5 | | | | ✓ | ✓ |
| 35160 | 35160 | ISO-50 Punch | — | 2 | 2.000 | 50.8 | 10 | 3.5 | | | | | ✓ |
| 35160 | 35160 | ISO-50 Die | — | 2 | 2.000 | 50.8 | 10 | 3.5 | | | | | ✓ |
| 35167 | 35167 | ISO-63 Punch | — | — | 2.520 | 64.0 | 10 | 3.5 | | | | | ✓ |
| 35167 | 35167 | ISO-63 Die | — | — | 2.520 | 64.0 | 10 | 3.5 | | | | | ✓ |

SLUG-BUSTER® KNOCKOUTS

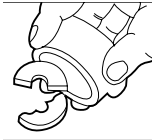
Slug-Buster® Knockout Punches 0.492" to 2.520"



Unique Slug-Buster® punch design creases slug as the punch is drawn into the die.



Slug is split in half as punching operation is completed.



Split slugs fall free from the die and stud.

- The contractor's choice – worldwide.
- Unique punch profile also splits slugs for easier slug removal.
- Use with battery-powered, hydraulic, ratchet or manual drivers.
- Uses standard Greenlee dies and draw studs.
- Slug Buster® punches available in sizes up thru 2.52" (64.0 mm).

SPECIFICATIONS

Capacity Mild steel up through 10 gauge (3.5 mm).
Application Punch mild steel, aluminum, fiberglass and plastic.
Hole Sizes Conduit Sizes- Hole size is outside diameter of US conduit sizes. i.e 1/2" conduit actually 7/8".
 Pg Sizes-European standard pipe sizes.
 ISO Sizes- International Standards Organization pipe sizes.
Operation Battery, hydraulic, ratchet or manual drivers. When used with ratchet, hydraulic or battery drivers, buy the punch and die only; the draw stud is part of the driver kit.

PUNCH UNIT

REPLACEMENT PARTS

| PUNCH UNIT INCLUDES | | CONDUIT & PIPE SIZE | HOLE SIZE ACTUAL | | CAPACITY MILD STEEL | | WEIGHT | | REPLACEMENT PUNCH | | REPLACEMENT DIE | | REPLACEMENT MANUAL DRAW STUD | | |
|---------------------|---------|---------------------|------------------|-------|---------------------|----|--------|------|-------------------|-------------|-----------------|---------|------------------------------|-----------|-------|
| CAT NO. | UPC NO. | | Ø INCH | Ø MM | GA. | MM | LBS | G | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | |
| 06727 | 06727 | — | — | 0.492 | 12.5 | 16 | 1.5 | 0.3 | 137 | 06728 | 06728 | 06729 | 06729 | 1675AV | 04218 |
| 12356 | 12356 | — | 1/2 | — | 12.7 | 16 | 1.5 | 0.15 | 69 | 12360 | 12360 | 12358 | 12358 | 1675AV | 04218 |
| 12357 | 12357 | — | 9/16 | — | 14.3 | 16 | 1.5 | 0.16 | 73.5 | 12359 | 12359 | 12361 | 12361 | 1675AV | 04218 |
| 7211EBB-15.2 | 31989 | — | — | 0.598 | 15.2 | 14 | 2.0 | 0.3 | 137 | 31969 | 31969 | 32002 | 32002 | 00042 | 00042 |
| 35177 | 35177 | — | — | 0.638 | 16.2 | 14 | 2.0 | 0.3 | 137 | 35163 | 35163 | 35162 | 35162 | 00042 | 00042 |
| 12335 | 12335 | — | 11/16 | — | 17.5 | 14 | 2.0 | 0.3 | 177 | 12337 | 12337 | 12336 | 12336 | 00042 | 00042 |
| 7211EBB-18.6 | 31990 | — | — | 0.732 | 18.6 | 14 | 2.0 | 0.3 | 137 | 31970 | 31970 | 32003 | 32003 | 00042 | 00042 |
| 12307 | 12307 | — | 3/4 | — | 19.1 | 14 | 2.0 | 0.4 | 183 | 12306 | 12306 | 12305 | 12305 | 00042 | 00042 |
| 7211EBB-20.4 | 31991 | — | — | 0.803 | 20.4 | 14 | 2.0 | 0.3 | 137 | 31971 | 31971 | 32004 | 32004 | 00042 | 00042 |
| 7211BB-1/2 | 31962 | 1/2" | 7/8 | 0.885 | 22.5 | 10 | 3.5 | 0.3 | 137 | 721-1/2 | 31756 | 14722 | 14722 | 00042 | 00042 |
| 12338 | 12338 | — | 15/16 | — | 23.8 | 14 | 2.0 | 0.5 | 253 | 12340 | 12340 | 12339 | 12339 | 00042 | 00042 |
| ◇ | ◇ | 1/2" | 7/8 | 0.885 | 22.5 | 10 | 3.5 | — | — | 721-1/2P◇ | 01980 | 14722P◇ | 01992 | 00042P | 06678 |
| 35178 | 35178 | — | 1 | 1.000 | 25.4 | 14 | 2.0 | 0.5 | 227 | 35165 | 35165 | 35164 | 35164 | 00042P | 06678 |
| 12341 | 12341 | — | 1-1/16 | — | 27 | 14 | 2.0 | 0.6 | 261 | 12343 | 12343 | 12342 | 12342 | 00042 | 00042 |
| 7211BB-3/4 | 31963 | 3/4" | — | 1.115 | 28.3 | 10 | 3.5 | 0.8 | 363 | 721-3/4 | 31757 | 124AV | 06972 | 249AVBB | 04040 |
| ◇ | ◇ | 3/4" | — | 1.115 | 28.3 | 10 | 3.5 | — | — | 721-3/4P◇ | 01981 | 124AVP◇ | 01993 | 249AVBBP◇ | 01987 |
| 7211EBB-28.3 | 31993 | — | — | 1.115 | 28.3 | 14 | 2.0 | 0.5 | 227 | 31973 | 31973 | 32006 | 32006 | 00042 | 00042 |
| 60246 | 60246 | — | 1-7/32 | 1.210 | 30.5 | 10 | 3.5 | 0.6 | 273 | 60237 | 60237 | 36278 | 36278 | 249AVBB | 04040 |
| 36508 | 36508 | — | 1-7/32 | 1.210 | 30.5 | 14 | 2.0 | 0.6 | 273 | 36284 | 36284 | 36279 | 36279 | 00042 | 00042 |
| 12308 | 12308 | — | 1-1/4 | — | 31.8 | 16 | 1.5 | 0.7 | 326.5 | 12309 | 12309 | 12310 | 12310 | 00042 | 00042 |
| 35179 | 35179 | — | — | 1.280 | 32.5 | 10 | 3.5 | 0.8 | 363 | 35169 | 35169 | 35168 | 35168 | 249AVBB | 04040 |
| 12344 | 12344 | — | 1-5/16 | — | 33.4 | 16 | 1.5 | 0.7 | 345 | 12346 | 12346 | 12345 | 12345 | 00042 | 00042 |
| 7211BB-1 | 31964 | 1" | — | 1.362 | 34.6 | 10 | 3.5 | 1 | 454 | 721-1 | 31758 | 126AV | 04011 | 249AVBB | 04040 |
| ◇ | ◇ | 1" | — | 1.362 | 34.6 | 10 | 3.5 | — | — | 721-1P◇ | 01982 | 126AVP◇ | 01994 | 249AVBBP◇ | 01987 |
| 12304 | 12304 | — | 1-3/8 | — | 34.9 | 10 | 3.0 | 1.1 | 507.5 | 12303 | 12303 | 12302 | 12302 | 04040 | 04040 |
| 7211EBB-37 | 31995 | — | — | 1.457 | 37.0 | 10 | 3.5 | 1.2 | 545 | 31975 | 31975 | 32008 | 32008 | 249AVBB | 04040 |
| 12313 | 12313 | — | 1-1/2 | — | 38.1 | 10 | 3.0 | 1.2 | 559 | 12312 | 12312 | 12311 | 12311 | 04040 | 04040 |
| 35180 | 35180 | — | — | 1.595 | 40.5 | 10 | 3.5 | 1.2 | 545 | 35158 | 35158 | 35159 | 35159 | 249AVBB | 04040 |
| 12347 | 12347 | — | 1-5/8 | — | 41.3 | 10 | 3.0 | 1.3 | 610.25 | 12349 | 12349 | 12348 | 12348 | 04040 | 04040 |
| 7211BB-1-1/4 | 31965 | 1-1/4" | — | 1.701 | 43.2 | 10 | 3.5 | 1.3 | 590 | 721-1-1/4 | 31759 | 128AV | 04013 | 249AVBB | 04040 |
| 12316 | 12316 | — | 1-3/4 | — | 44.5 | 10 | 3.0 | 1.4 | 661.5 | 12315 | 12315 | 12314 | 12314 | 04040 | 04040 |
| ◇ | ◇ | 1-1/4" | — | 1.701 | 43.2 | 10 | 3.5 | — | — | 721-1-1/4P◇ | 01983 | 128AVP◇ | 01995 | 249AVBBP◇ | 01987 |
| 7211EBB-47 | 31996 | — | — | 1.850 | 47.0 | 10 | 3.5 | 1.9 | 862 | 31976 | 31976 | 32009 | 32009 | 304AVBB | 04042 |
| 12350 | 12350 | — | 1-7/8 | — | 47.6 | 10 | 3.0 | 1.8 | 853.5 | 12354 | 12354 | 12352 | 12352 | 04042 | 04042 |
| 7211BB-1-1/2 | 31966 | 1-1/2" | — | 1.951 | 49.6 | 10 | 3.5 | 2.1 | 953 | 721-1-1/2 | 31760 | 440AV | 04061 | 304AVBB | 04042 |
| ◇ | ◇ | 1-1/2" | — | 1.951 | 49.6 | 10 | 3.5 | — | — | 721-1-1/2P◇ | 01984 | 440AVP◇ | 01996 | 304AVBBP◇ | 01988 |
| 35181 | 35181 | — | 2 | 2.000 | 50.8 | 10 | 3.5 | 2.3 | 1043 | 35160 | 35160 | 35161 | 35161 | 304AVBB | 04042 |
| 36171 | 36171 | — | 2-1/8 | 2.125 | 54.0 | 10 | 3.5 | 2.5 | 1134 | 36172 | 36172 | 36173 | 36173 | 304AVBB | 04042 |
| 12351 | 12351 | — | 2-1/4 | — | 57.2 | 10 | 3.0 | 2.9 | 1336 | 12355 | 12355 | 12353 | 12353 | 04042 | 04042 |
| 7211EBB-60 | 31998 | — | — | 2.362 | 60.0 | 10 | 3.5 | 2.8 | 1270 | 31978 | 31978 | 32011 | 32011 | 304AVBB | 04042 |
| 7211BB-2 | 31967 | 2" | 2-3/8 | 2.416 | 61.5 | 10 | 3.5 | 3.2 | 1452 | 721-2 | 31761 | 442AV | 04063 | 304AVBB | 04042 |
| ◇ | ◇ | 2" | 2-3/8 | 2.416 | 61.5 | 10 | 3.5 | — | — | 721-2P◇ | 01985 | 442AVP◇ | 01997 | 304AVBBP◇ | 01988 |
| 35182 | 35182 | — | — | 2.520 | 64.0 | 10 | 3.5 | 3.4 | 1542 | 35167 | 35167 | 35166 | 35166 | 304AVBB | 04042 |

◇ Individually Packaged in Point of Purchase clamshell for display opportunities

Slug-Buster SC® (Self-Centering)



- Save time and ensure accuracy! Self-centering punch aligns itself on pilot hole.
- No need to draw crosshairs or line up die alignment marks.
- Unique punch also splits slugs for easier slug removal.
- US Patent No. 6,973,729



| PUNCH UNIT | | CONDUIT & PIPE SIZE | HOLE SIZES | | WEIGHT OF PUNCH UNIT | | PUNCH ONLY | | DIE ONLY | | STUD ONLY | |
|------------|---------|---------------------|------------|------|----------------------|------|-------------|---------|----------|---------|-----------|---------|
| CAT NO. | UPC NO. | | INCH | MM | LBS. | G | CAT NO. | UPC NO. | CAT NO. | UPC NO. | CAT NO. | UPC NO. |
| 77U-1/2* | 10801 | 1/2" | .885 | 22.2 | 0.3 | 137 | 77P-1/2 | 11361 | 14722 | 14722 | 00042 | 00042 |
| 77U-3/4* | 10802 | 3/4" | 1.115 | 28.3 | 0.8 | 363 | 77P-1/2P* | 11261 | 14722P* | 01992 | 00042 | 00042 |
| 10807* | 10807 | - | 1.21 | 30.5 | 0.9 | 408 | 77P-3/4 | 11362 | 124AV | 06972 | 249AVBB | 04040 |
| 77U-1* | 10803 | 1" | 1.362 | 34.6 | 1 | 454 | 77-3/4P* | 11262 | 124AVP* | 01993 | 249AVBBP* | 01987 |
| 77U-1-1/4* | 10804 | 1-1/4" | 1.701 | 43.2 | 1.3 | 590 | 11357 | 11357 | 36278 | 36278 | 249AVBB | 04040 |
| 77U-1-1/2* | 10805 | 1-1/2" | 1.951 | 49.6 | 2.1 | 953 | 77P-1 | 11363 | 126AV | 04011 | 294AVBB | 04040 |
| 77U-2* | 10806 | 2" | 2.416 | 61.4 | 2.3 | 1043 | 77P-1P* | 11263 | 126AVP* | 01994 | 249AVBBP | 01987 |
| 10800 | 10800 | 1/2"-2" Kit | - | - | - | - | 77P-1-1/4 | 11364 | 128AV | 04013 | 249AVBB | 04040 |
| | | | | | | | 77P-1-1/4P* | 11264 | 128AVP* | 01995 | 249AVBBP* | 01987 |
| | | | | | | | 77P-1-1/2 | 11365 | 440AV | 04061 | 304AVBB | 04042 |
| | | | | | | | 77P-1-1/2P* | 11265 | 440AVP* | 01996 | 304AVBBP* | 01988 |
| | | | | | | | 77P-2 | 11366 | 442AV | 04063 | 304AVBB | 04042 |
| | | | | | | | 77P-2P* | 11266 | 442AVP* | 01997 | 304AVBBP* | 01988 |

*POP Packaged

10800 SLUG-BUSTER SC® KNOCKOUT KIT INCLUDES

| CAT NO. | UPC NO. | DESCRIPTION | CONDUIT SIZE | HOLE SIZES |
|-----------|---------|-------------------------|--------------|------------|
| 77P-1/2 | 11361 | 1/2" Punch Buster, SC | 1/2" | .885 |
| 14722 | 14722 | 1/2" Die Rd. | 1/2" | .885 |
| 77P-3/4 | 11362 | 3/4" Punch Buster, SC | 3/4" | 1.115 |
| 124AV | 06972 | 3/4" Die Rd. | 3/4" | 1.115 |
| 77P-1 | 11363 | 1" Punch Buster, SC | 1" | 1.362 |
| 126AV | 04011 | 1" Die Rd. | 1" | 1.362 |
| 77P-1-1/4 | 11364 | 1-1/4" Punch Buster, SC | 1-1/4" | 1.701 |
| 128AV | 04013 | 1-1/4" Die Rd. | 1-1/4" | 1.701 |
| 77P-1-1/2 | 11365 | 1-1/2" Punch Buster, SC | 1-1/2" | 1.951 |
| 440AV | 04061 | 1-1/2" Die Rd. | 1-1/2" | 1.951 |
| 77P-2 | 11366 | 2" Punch Buster, SC | 2" | 2.416 |
| 442AV | 04063 | 2" Die Rd. | 2" | 2.416 |

STANDARD HYDRAULIC KNOCKOUT PUNCH KITS

Standard Round Manual Industrial Punch Kit (continued)



- Fast, easy and simple to operate.
- Compact design for field use on construction sites and maintenance jobs.
- Punches 10 times faster than wrench method.
- Will also drive 751 Cable Cutter head.
- Can be used with most standard round Slug-Buster® and Slug-Splitter SC™ punches (not 1/2", 9/16", 5/8").
- Can be used with non-round punches (adapter may be required).
- 3-foot hose
- Powerful 11-ton hydraulic ram.

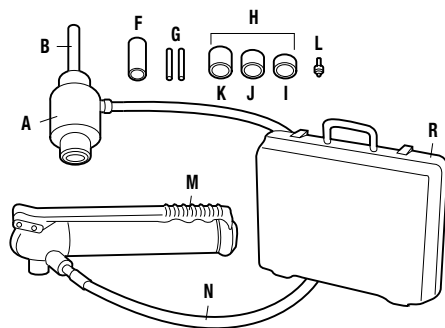
| CAT NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|---------|---------|--|--------|------|
| | | | LBS. | KG. |
| 7306 | 15909 | Driver, Hand Pump, Standard Punches, Dies and Draw Studs for 1/2" through 2" Conduit, Plastic Case | 24 | 10.9 |
| 7310 | 15910 | Driver, Hand Pump, Standard Punches, Dies and Draw Studs and Spacers for 1/2" through 4" Conduit, Plastic Case | 54 | 24.5 |
| 7646Pg | 27433 | Metric – Driver, Hand Pump, Standard Pg Punches, Dies and Draw Studs and Spacers for 15.2 mm through 60.0 mm, Plastic Case | 24 | 10.9 |
| 7304 | 02815 | Standard Punch and Die Kit (no draw studs) for 2-1/2" through 4" Conduit, Plastic Case | 21 | 9.5 |
| 38456 | 38456 | Driver, Hand Pump, Standard Punches, Dies and Draw Studs and Spacers for 1/2" through 3" and 4" Conduit, Plastic Case | 48.4 | 22 |

STEEL CAPACITIES FOR CONDUIT SIZES

| REQUIRED DRAW STUD AND ACCESSORIES | STANDARD PUNCHES AND SLUG-BUSTER® | | | | | | | | | |
|---|-----------------------------------|------|----|--------|--------|----|--------|----|--------|----|
| | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" |
| 3/4" Stud (2113B), 3/8" Stud (20963) & Spacers | | | | | | | | | | |
| 3/4" Stud (2113B), Long Spacer | | | | | | | | | | |
| 3/4" Stud (2113B), Short Spacer | | | | | | | | | | |
| 3/4" Stud (2113B) | | | | | | | | | | |
| 3/4" Stud (2113B), & Sleeve (03170) | | | | | | | | | | |

10 GA. MILD STEEL

RAM AND HAND PUMP HYDRAULIC DRIVER PARTS IDENTIFICATION



| KEY | CAT. NO. | UPC NO. | DESCRIPTION |
|------------|----------|---------|--|
| R A | 746 | 17091 | Ram (includes Item B) |
| R B | 2113B | 10109 | Draw Stud-3/4" x 5 3/8" |
| R F | 1557AA | 03170 | Punch Sleeve |
| R G | 20963 | 20963 | Draw Stud-3/8" x 4.8" |
| R H | 15908 | | Spacer Group (includes Items I, J and K) |
| R I | 1924AA | 03248 | Spacer-Short |
| R J | 1925AA | 03249 | Spacer-Medium |
| R K | 1926AA | 06904 | Spacer-Long |
| R L | 34410 | | Kwik Stepper® Step Bit 1/2" |
| R M | 767 | 13284 | Hydraulic Hand Pump |
| R N | 06302 | 06302 | High Pressure Hose-1/4" x 3' |
| R R | 30206 | | Plastic Case |

Ram and Hand Pump Kits Parts List

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | | | KIT CAT./UPC NO. | | | | |
|---------|---------|--|---------------------|---------|-------|------------|------------------|------------|--------------|-------|---|
| | | | CONDUIT & PIPE SIZE | ACTUAL | | 7646/15906 | 7306/15909 | 7310/15910 | 7646PG/27433 | 38456 | |
| | | | | Ø IN | Ø MM | | | | | | |
| 721-1/2 | 31756 | 1/2" Conduit Size Slug-Buster® Punch | 1/2" | 7/8 | 0.885 | 22.5 | | 1 | 1 | | 1 |
| 14722 | 14722 | 1/2" Conduit Size Die | 1/2" | 7/8 | 0.885 | 22.5 | | | | 1 | |
| 123AV | 04008 | 3/4" Conduit Size Punch | 3/4" | — | 1.115 | 28.3 | | 1 | 1 | 1 | 1 |
| 124AV | 06972 | 3/4" Conduit Size Die | 3/4" | — | 1.115 | 28.3 | | 1 | 1 | | 1 |
| 125AV | 04010 | 1" Conduit Size Punch | 1" | — | 1.362 | 34.6 | | 1 | 1 | | 1 |
| 126AV | 04011 | 1" Conduit Size Die | 1" | — | 1.362 | 34.6 | | 1 | 1 | | 1 |
| 127AV | 06974 | 1-1/4" Conduit Size Slug-Buster® Punch | 1-1/4" | 1-11/16 | 1.701 | 43.2 | | 1 | 1 | | 1 |
| 128AV | 04013 | 1-1/4" Conduit Size Die | 1-1/4" | 1-11/16 | 1.701 | 43.2 | | 1 | 1 | | 1 |
| 439AV | 06978 | 1-1/2" Conduit Size Punch | 1-1/2" | 1-15/16 | 1.951 | 49.6 | | 1 | 1 | | 1 |
| 440AV | 04061 | 1-1/2" Conduit Size Die | 1-1/2" | 1-15/16 | 1.951 | 49.6 | | 1 | 1 | | 1 |
| 441AV | 04062 | 2" Conduit Size Punch | 2" | 2-3/8 | 2.416 | 61.5 | | 1 | 1 | | 1 |
| 442AV | 04063 | 2" Conduit Size Die | 2" | 2-3/8 | 2.416 | 61.5 | | 1 | 1 | | 1 |
| 1429AV | 04175 | 2-1/2" Conduit Size Punch | 2-1/2" | 2-7/8 | 2.914 | 74.0 | | | 1 | | 1 |
| 1430AV | 04177 | 2-1/2" Conduit Size Die | 2-1/2" | 2-7/8 | 2.914 | 74.0 | | | 1 | | 1 |
| 1431AV | 04180 | 3" Conduit Size Punch | 3" | 3-1/2 | 3.539 | 89.9 | | | 1 | | 1 |
| 1432AV | 04183 | 3" Conduit Size Die | 3" | 3-1/2 | 3.539 | 89.9 | | | 1 | | 1 |
| 2982AV | 04653 | 3-1/2" Conduit Size Punch | 3-1/2" | 4 | 4.044 | 102.7 | | | 1 | | |
| 2981AV | 04652 | 3-1/2" Conduit Size Die | 3-1/2" | 4 | 4.044 | 102.7 | | | 1 | | |
| 2984AV | 04655 | 4" Conduit Size Punch | 4" | 4-1/2 | 4.544 | 115.4 | | | 1 | | 1 |
| 2983AV | 04654 | 4" Conduit Size Die | 4" | 4-1/2 | 4.544 | 115.4 | | | 1 | | 1 |
| 21316 | 21316 | Pg-9 Slug Buster® Punch | — | — | 0.598 | 15.2 | | | | | 1 |
| 32002 | 32002 | Pg-9 Die | — | — | 0.598 | 15.2 | | | | | 1 |
| 17700 | 17700 | Pg-11 Slug Buster® Punch | — | — | 0.732 | 18.6 | | | | | 1 |
| 32003 | 32003 | Pg-11 Die | — | — | 0.732 | 18.6 | | | | | 1 |
| 17697 | 17697 | Pg-13 Slug Buster® Punch | — | — | 0.803 | 20.4 | | | | | 1 |
| 32004 | 32004 | Pg-13 Die | — | — | 0.803 | 20.4 | | | | | 1 |
| 36882 | 36882 | Pg-21 Slug Buster® Punch | 3/4" | — | 1.115 | 28.3 | | | | | 1 |
| 32006 | 32006 | Pg-21 Die | 3/4" | — | 1.115 | 28.3 | | | | | 1 |
| 36282 | 36282 | 30.5 mm Punch | — | 1-7/32 | 1.210 | 30.5 | | | | | 1 |
| 36279 | 36279 | 30.5 mm Die | — | 1-7/32 | 1.210 | 30.5 | | | | | 1 |
| 18331 | 18331 | Pg-29 Slug Buster® Punch | — | — | 1.457 | 37.0 | | | | | 1 |
| 32008 | 32008 | Pg-29 Die | — | — | 1.457 | 37.0 | | | | | 1 |
| 17687 | 17687 | Pg-36 Slug Buster® Punch | — | — | 1.850 | 47.0 | | | | | 1 |
| 32009 | 32009 | Pg-36 Die | — | — | 1.850 | 47.0 | | | | | 1 |
| 17690 | 17690 | Pg-48 Slug Buster® Punch | — | — | 2.362 | 60.0 | | | | | 1 |
| 32011 | 32011 | Pg-48 Die | — | — | 2.362 | 60.0 | | | | | 1 |
| 746 | 17091 | Ram (includes following item) | | | | | 1 | 1 | 1 | 1 | 1 |
| 2113B | 10109 | Draw Stud—3/4" x 5 3/8" | | | | | 1 | 1 | 1 | 1 | 1 |
| 1557AA | 03170 | Punch Sleeve | | | | | 1 | 1 | 1 | 1 | 1 |
| 20963 | 20963 | Draw stud—3/8" x 4.8" | | | | | 1 | 1 | 1 | 1 | 1 |
| 15908 | 15908 | Spacer Group (includes 1 ea. of following 3 items) | | | | | 1 | 1 | 1 | 1 | 1 |
| 1924AA | 03248 | Spacer-Short | | | | | 1 | 1 | 1 | 1 | 1 |
| 1925AA | 03249 | Spacer-Medium | | | | | 1 | 1 | 1 | 1 | 1 |
| 1926AA | 06904 | Spacer-Long | | | | | 1 | 1 | 1 | 1 | 1 |
| 34410 | 34410 | Kwik Stepper® Step Bit 1/2" | | | | | 1 | 1 | 1 | 1 | 1 |
| 767 | 13284 | Hydraulic Hand Pump | | | | | 1 | 1 | 1 | 1 | 1 |
| 06302 | 06302 | High Pressure Hose — 1/4" x 3' | | | | | 1 | 1 | 1 | 1 | |
| 30206 | 30206 | Plastic Case | | | | | 1 | 1 | | 1 | |
| 18402 | 18402 | Steel case | | | | | | | 1 | | 1 |

PUNCHES AND DIES

DRAW STUDS AND MISC.

STANDARD KNOCKOUT PUNCH KITS

Standard Round Manual Knockout Punch Kits

- Assortment of commonly used round standard knockout punches, packaged to meet the contractor's needs.
- High-impact, rugged plastic carrying case.



737BB

Wrenches Sold Separately
for kits 737BB, 735BB and 7304BB



735BB



7304 For 11 Ton
Hydraulic Drivers

| CAT NO. | UPC NO. | DESCRIPTION | CAPACITY | | WEIGHT | |
|---------|---------|--|------------|-----|--------|------|
| | | | MILD STEEL | GA | MM | LBS. |
| 735BB | 19973 | 1/2" - 1-1/4" Conduit Size Knockout Punch Kit (Manual Round Standard) | 10 | 3.5 | 2.5 | 1.1 |
| 737BB | 19974 | 1-1/2" - 2" Conduit Size Knockout Punch Kit (Manual Round Standard) | 10 | 3.5 | 4.4 | 2.0 |
| 7304 | 02815 | Standard Punches and Dies (no draw studs) for 2-1/2" through 4" Conduit, in Plastic Case | 10 | 3.5 | 21 | 9.5 |

735BB/19973 KNOCKOUT PUNCH KIT INCLUDES

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | |
|---------|---------|--------------------------------------|-----------|-------|------|
| | | | ACTUAL | | |
| | | | Ø INCH | Ø MM. | |
| 721-1/2 | 31756 | 1/2" Conduit Size Slug-Buster® Punch | 7/8 | 0.885 | 22.5 |
| 14722 | 14722 | 1/2" Conduit Size Die | 7/8 | 0.885 | 22.5 |
| 00042 | 00042 | 3/8" x 1-9/16" Draw Stud | — | 1.115 | 28.3 |
| 123AV | 04008 | 3/4" Conduit Size Punch | — | 1.115 | 28.3 |
| 124AV | 06972 | 3/4" Conduit Size Die | — | 1.362 | 34.6 |
| 125AV | 04010 | 1" Conduit Size Punch | — | 1.362 | 34.6 |
| 126AV | 04011 | 1" Conduit Size Die | — | 1.701 | 43.2 |
| 127AV | 06974 | 1-1/4" Conduit Size Punch | 1-11/16 | 1.701 | 43.2 |
| 128AV | 04013 | 1-1/4" Conduit Size Die | 1-11/16 | 1.701 | 43.2 |
| 249AVBB | 04040 | 3/4" x 2-1/8" Draw Stud | | | |
| 31880 | 31880 | Plastic Case | | | |

737BB/19974 KNOCKOUT PUNCH KIT INCLUDES

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | |
|---------|---------|---------------------------|-----------|-------|------|
| | | | ACTUAL | | |
| | | | Ø INCH | Ø MM. | |
| 439AV | 06978 | 1-1/2" Conduit Size Punch | 1-15/16 | 1.951 | 49.6 |
| 440AV | 04061 | 1-1/2" Conduit Size Die | 1-15/16 | 1.951 | 49.6 |
| 441AV | 04062 | 2" Conduit Size Punch | 2-3/8 | 2.416 | 61.5 |
| 442AV | 04063 | 2" Conduit Size Die | 2-3/8 | 2.416 | 61.5 |
| 304AVBB | 04042 | 3/4" x 2-15/16" Draw Stud | | | |
| 32012 | 32012 | Plastic Case | | | |

7304/02815 KNOCKOUT PUNCH KIT INCLUDES

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | |
|---------|---------|---------------------------|-----------|-------|-------|
| | | | ACTUAL | | |
| | | | Ø INCH | Ø MM. | |
| 1429AV | 04175 | 2-1/2" Conduit Size Punch | 2-7/8 | 2.914 | 74.0 |
| 1430AV | 04177 | 2-1/2" Conduit Size Die | 2-7/8 | 2.914 | 74.0 |
| 1431AV | 04180 | 3" Conduit Size Punch | 3-1/2 | 3.539 | 89.9 |
| 1432AV | 04183 | 3" Conduit Size Die | 3-1/2 | 3.539 | 89.9 |
| 2982AV | 04978 | 3-1/2" Conduit Size Punch | 4 | 4.044 | 102.7 |
| 2981AV | 04652 | 3-1/2" Conduit Size Die | 4 | 4.044 | 102.7 |
| 2984AV | 04655 | 4" Conduit Size Punch | 4-1/2 | 4.544 | 115.4 |
| 2983AV | 04654 | 4" Conduit Size Die | 4-1/2 | 4.544 | 115.4 |
| 30236 | 30236 | Plastic Case | | | |

NOTE: See Standard Round Knockout Punches on pages 86 and 87 for listing of individual punch units, punches, dies and draw studs.

Standard Round Manual Industrial Punch Kit



Wrench Sold Separately

- Includes most popular sizes for industrial applications.
- Time-saving tool for maintenance, repair and operation applications.
- Convenient steel carrying case.
- Ball bearing drive screw for easy manual operation or use with ratchet and hydraulic drivers.

SPECIFICATIONS

| | |
|------------------|---|
| Capacity | 1-1/4" Punch - 16 gauge (1.5 mm) mild steel. 3/4", 1", and 1-1/8" Punches - 14 gauge (2.0 mm) mild steel. 7/8" and 1-1/2" Punches 10 gauge (3.5 mm) mild steel. |
| Operation | Manual - Wrench not included. |

| CAT NO. | UPC NO. | DESCRIPTION |
|---------|---------|---|
| 39860 | 39860 | 3/4" - 1-1/2" Hole Size Manual Industrial Punch Kit |

39860 MANUAL INDUSTRIAL KNOCKOUT PUNCH KIT INCLUDES

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | |
|---------|---------|-------------------|-----------|-------|------|
| | | | ACTUAL | | |
| | | | Ø INCH | | Ø MM |
| 113AV | 03998 | 3/4" Punch | 3/4 | 0.750 | 19.1 |
| 114AV | 03999 | 3/4" Die | 3/4 | 0.750 | 19.1 |
| 121AV | 04006 | 7/8" Punch | 7/8 | 0.885 | 22.5 |
| 14722 | 14722 | 7/8" Die | 7/8 | 0.885 | 22.5 |
| 87AV | 03986 | 1" Punch | 1 | 1.000 | 25.4 |
| 35164 | 35164 | 1" Die | 1 | 1.000 | 25.4 |
| 91AV | 03990 | 1-1/8" Punch | 1-1/8 | 1.125 | 28.6 |
| 92AV | 03991 | 1-1/8" Die | 1-1/8 | 1.125 | 28.6 |
| 117AV | 04002 | 1-1/4" Punch | 1-1/4 | 1.250 | 31.8 |
| 118AV | 04003 | 1-1/4" Die | 1-1/4 | 1.250 | 31.8 |
| 3207AV | 04736 | 1-1/2" Punch | 1-1/2 | 1.500 | 38.1 |
| 3208AV | 07044 | 1-1/2" Die | 1-1/2 | 1.500 | 38.1 |
| 00042 | 00042 | 3/8" BB Draw Stud | | | |
| 249AVBB | 04040 | 3/4" BB Draw Stud | | | |
| 19193 | 19193 | Steel Storage Box | | | |

 10 GA. MILD STEEL

Standard Round Manual Knockout Punch Kits - Metric



- 1" (25.4 mm) Hex ratchet wrench allows use with both 3/8" (9.5 mm) and 3/4" (19.1 mm) draw studs.
- 12.7 mm Kwik Stepper® step bit included.
- Plastic carrying case included.

SPECIFICATIONS

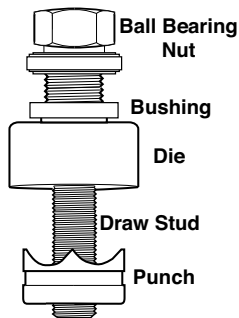
Operation Manual - Ratchet wrench included

| CAT NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|---------|---------|--|--------|-----|
| | | | LBS. | KG. |
| 36687 | 36687 | Pg-9 through Pg-48 Manual Round Standard Knockout Punch Kit | 8.8 | 4 |
| 36688 | 36688 | ISO-16 through ISO-40 Manual Round Standard Knockout Punch Kit | 5.2 | 2.3 |
| 7309E | 32804 | Pg-9 through Pg-48 Standard Knockout Pg. Punch Kit. Replacement Kit Packaged in Carton Without Plastic Case. | 8.8 | 4 |

| CAT NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | | | KIT CAT./UPC NO. | | | |
|---------|---------|--|-----------|-------|---------------------|----|------------------|-------|-----------------|---|
| | | | ACTUAL | | CAPACITY MILD STEEL | | 36687 | 36688 | 7309E/ 32804 | |
| | | | Ø INCH | Ø MM | GA | MM | | | | |
| 21316 | 21316 | Pg-9 Punch | — | 0.885 | 22.5 | 14 | 2.0 | | | ✓ |
| 31969 | 31969 | Pg-9 Slug-Buster® Punch | — | 0.885 | 22.5 | 14 | 2.0 | ✓ | | |
| 32002 | 32002 | Pg-9 Die | — | 1.115 | 28.3 | 14 | 2.0 | ✓ | | ✓ |
| 17700 | 17700 | Pg-11 Punch | — | 1.115 | 28.3 | 14 | 2.0 | ✓ | | ✓ |
| 32003 | 32003 | Pg-11 Die | — | 1.362 | 34.6 | 14 | 2.0 | ✓ | | ✓ |
| 17697 | 17697 | Pg-13 Punch | — | 1.362 | 34.6 | 14 | 2.0 | ✓ | ✓ | ✓ |
| 32004 | 32004 | Pg-13 Die | — | 1.701 | 43.2 | 14 | 2.0 | ✓ | ✓ | ✓ |
| 121AV | 04006 | Pg-16 Punch | 7/8 | 1.701 | 43.2 | 10 | 3.5 | ✓ | | ✓ |
| 14722 | 14722 | Pg-16 Die | 7/8 | 1.951 | 49.6 | 10 | 3.5 | ✓ | | ✓ |
| 36882 | 36882 | Pg-21 Punch | — | 1.951 | 49.6 | 10 | 3.5 | ✓ | | ✓ |
| 32006 | 32006 | Pg-21 Die | — | 2.416 | 61.5 | 10 | 3.5 | ✓ | | ✓ |
| 36282 | 36282 | 30.5 mm Punch | 1-7/32 | 2.416 | 61.5 | 16 | 1.5 | ✓ | | ✓ |
| 36279 | 36279 | 30.5 mm Die | 1-7/32 | | | 16 | 1.5 | ✓ | | ✓ |
| 18331 | 18331 | Pg-29 Punch | — | | | 10 | 3.5 | ✓ | | ✓ |
| 32008 | 32008 | Pg-29 Die | — | | | 10 | 3.5 | ✓ | | ✓ |
| 17687 | 17687 | Pg-36 Punch | — | | | 10 | 3.5 | ✓ | | ✓ |
| 32009 | 32009 | Pg-36 Die | — | | | 10 | 3.5 | ✓ | | ✓ |
| 17690 | 17690 | Pg-48 Punch | — | | | 10 | 3.5 | ✓ | | ✓ |
| 32011 | 32011 | Pg-48 Die | — | | | 10 | 3.5 | ✓ | | ✓ |
| 35193 | 35193 | ISO-16 Punch | — | | | 14 | 2.0 | | ✓ | |
| 35162 | 35162 | ISO-16 Die | — | | | 14 | 2.0 | | ✓ | |
| 87AV | 03986 | ISO-25 Punch | — | | | 14 | 2.0 | | ✓ | |
| 35164 | 35164 | ISO-25 Die | — | | | 14 | 2.0 | | ✓ | |
| 24459 | 24459 | ISO-32 Punch | — | | | 10 | 3.5 | | ✓ | |
| 35168 | 35168 | ISO-32 Die | — | | | 10 | 3.5 | | ✓ | |
| 24462 | 24462 | ISO-40 Punch | — | | | 10 | 3.5 | | ✓ | |
| 35159 | 35159 | ISO-40 Die | — | | | 10 | 3.5 | | ✓ | |
| 1756AV | 04232 | ISO-50 Punch | — | | | 10 | 3.5 | | | |
| 35161 | 35161 | ISO-50 Die | — | | | 10 | 3.5 | | | |
| 1758AV | 04234 | ISO-63 Punch | — | | | 10 | 3.5 | | | |
| 1757AV | 04233 | ISO-63 Die | — | | | 10 | 3.5 | | | |
| 249AVBB | 04040 | Draw Stud - 3/4" x 2-1/8" | | | | | | | ✓ | |
| 304AVBB | 04042 | Draw Stud - 3/4" x 2-15/16" | | | | | | ✓ | | |
| 34941 | 34941 | Ratchet Wrench -1" Hex | | | | | | ✓ | ✓ | |
| 34410 | 34410 | Kwik Stepper Step Bit 1-2" (12.7 mm) | | | | | | ✓ | ✓ | |
| 00042 | 00042 | Ball Bearing Draw Stud with 1" Hex Head, 3/8" x 1-5/8" | | | | | | ✓ | ✓ | |
| 36685 | 36685 | Plastic Case | | | | | | ✓ | ✓ | |

STANDARD KNOCKOUT PUNCHES

Standard Round Knockout Punches 0.5" to 6" Conduit and Pipe

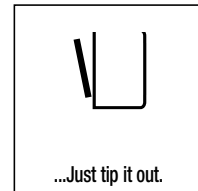
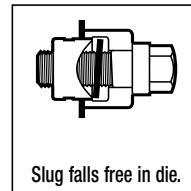
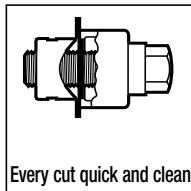


- Round standard metal punch units are complete units consisting of punch, die and draw stud.
- Use with battery-powered, hydraulic, ratchet or manual drivers.
- Properly assembled through pilot holes, they will make clean, fast and accurate holes.

SPECIFICATIONS

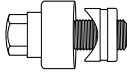
Capacity Mild steel up through 10 gauge (3.5 mm).
Application Punch mild steel, aluminum, fiberglass and plastic.
Hole Sizes Conduit Sizes - Hole size is outside diameter of US conduit sizes. Example: 1/2" conduit size punch actually makes a 7/8" hole.
 Pg Sizes - European standard pipe sizes.
 ISO Sizes - International Standards Organization pipe sizes.
Operation Operate with battery-powered, hydraulic, ratchet or manual drivers. When used with battery-powered, hydraulic, or ratchet drivers buy the punch and die only; the draw stud is part of the driver kit.

| CAT NO. | UPC NO. | DESCRIPTION |
|---------|---------|---|
| 3037AV | 04686 | Bushing for 3-1/2" (conduit hole size) and larger punches with manual operation |



Standard Round Knockout Punches

PUNCH UNIT



REPLACEMENT PARTS

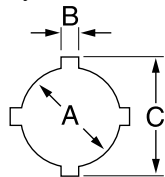


| PUNCH KIT-INCLUDES | | HOLE SIZE | | CAPACITY | | | | REPLACEMENT PUNCH | | REPLACEMENT DIE | | REPLACEMENT DRAW STUD | | REPLACEMENT BALL BEARING NUT | | |
|------------------------|---------|---------------------|---------|----------|------------|----|--------|-------------------|----------|-----------------|----------|-----------------------|----------|------------------------------|----------|----------|
| PUNCH, DIE & DRAW STUD | | CONDUIT & PIPE SIZE | ACTUAL | | MILD STEEL | | WEIGHT | | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. |
| CAT. NO. | UPC NO. | PIPE SIZE | Ø INCH | ØMM | GA | MM | LBS | G | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. |
| 730-1/2 | 02408 | — | 1/2 | 0.500 | 12.7 | 16 | 1.5 | .1 | 46 | 1760AV | 06996 | 1759AV | 04235 | 1675AV | 04218 | — |
| 730-9/16 | 02433 | — | 9/16 | 0.563 | 14.3 | 16 | 1.5 | .1 | 46 | 1754AV | 04230 | 1753AV | 04229 | 1675AV | 04218 | — |
| 21115 | 21115 | — | — | 0.598 | 15.2 | 14 | 2.0 | .3 | 137 | 21316 | 21316 | 32002 | 32002 | 00042 | 00042 | — |
| 730-5/8 | 02409 | — | 5/8 | 0.625 | 15.9 | 16 | 1.5 | .2 | 91 | 1742AV | 04223 | 1743AV | 04224 | 1675AV | 04218 | — |
| 35192 | 35192 | — | — | 0.638 | 16.2 | 14 | 2.0 | .3 | 137 | 35193 | 35193 | 35162 | 35162 | 00042 | 00042 | — |
| 730BB-11/16 | 25340 | — | 11/16 | 0.688 | 17.5 | 14 | 2.0 | .3 | 137 | 1752AV | 04228 | 1751AV | 04227 | 00042 | 00042 | — |
| 730EBB-18.6 | 18886 | — | — | 0.732 | 18.6 | 14 | 2.0 | .3 | 137 | 17700 | 17700 | 32003 | 32003 | 00042 | 00042 | — |
| 730BB-3/4 | 20667 | — | 3/4 | 0.750 | 19.1 | 14 | 2.0 | .3 | 137 | 113AV | 03998 | 114AV | 03999 | 00042 | 00042 | — |
| 730EBB - 20.4 | 18887 | — | — | 0.803 | 20.4 | 14 | 2.0 | .3 | 137 | 17697 | 17697 | 32004 | 32004 | 00042 | 00042 | — |
| 730BB-13/16 | 20668 | — | 13/16 | 0.812 | 20.6 | 14 | 2.0 | .3 | 137 | 1745AV | 04226 | 1744AV | 04225 | 00042 | 00042 | — |
| 71BB | 22563 | 1/2" | 7/8 | 0.885 | 22.5 | 10 | 3.5 | .4 | 182 | 121AV | 04006 | 14722 | 14722 | 00042 | 00042 | — |
| 730BB-15/16 | 25341 | — | 15/16 | 0.937 | 23.8 | 14 | 2.0 | .5 | 227 | 1762AV | 04238 | 1761AV | 04237 | 00042 | 00042 | — |
| 730BB-1 | 20670 | — | 1 | 1.00 | 25.4 | 14 | 2.0 | .5 | 227 | 87AV | 03986 | 35164 | 35164 | 00042 | 00042 | — |
| 730BB-1-1/16 | 25342 | — | 1-1/16 | 1.063 | 27.0 | 14 | 2.0 | .5 | 227 | 1763AV | 04240 | 1764AV | 04242 | 00042 | 00042 | — |
| 72BB | 22564 | 3/4" | — | 1.115 | 28.3 | 10 | 3.5 | .9 | 409 | 123AV | 04008 | 124AV | 06972 | 249AVBB | 04040 | — |
| 36910 | 36910 | 3/4" | — | 1.115 | 28.3 | 14 | 2.0 | .6 | 273 | 36882 | 36882 | 32006 | 32006 | 00042 | 00042 | — |
| 730BB-1-1/8 | 20671 | — | 1-1/8 | 1.125 | 28.6 | 14 | 2.0 | .6 | 273 | 91AV | 03990 | 92AV | 03991 | 00042 | 00042 | — |
| 36506 | 36506 | — | 1-7/32 | 1.210 | 30.5 | 16 | 1.5 | .6 | 273 | 36282 | 36282 | 36279 | 36279 | 00042 | 00042 | — |
| 730BB-1-1/4 | 20673 | — | 1-1/4 | 1.250 | 31.8 | 16 | 1.5 | .7 | 318 | 117AV | 04002 | 118AV | 04003 | 00042 | 00042 | — |
| 24476 | 24476 | — | — | 1.280 | 32.5 | 10 | 3.5 | 1 | 454 | 24459 | 24459 | 35168 | 35168 | 249AVBB | 04040 | — |
| 730BB-1-5/16 | 25344 | — | 1-5/16 | 1.313 | 33.4 | 16 | 3.5 | .7 | 318 | 1747AV | 06587 | 1746AV | 06586 | 00042 | 00042 | — |
| 73BB | 22565 | 1" | — | 1.362 | 34.6 | 10 | 3.5 | 1.1 | 499 | 125AV | 04010 | 126AV | 04011 | 249AVBB | 04040 | — |
| 730BB-1-3/8 | 25427 | — | 1-3/8 | 1.375 | 34.9 | 10 | 3.5 | 1.1 | 499 | 3205AV | 04734 | 3206AV | 04735 | 249AVBB | 04040 | — |
| 730EBB-37 | 18890 | — | — | 1.457 | 37.0 | 10 | 3.5 | 1 | 454 | 18331 | 18331 | 32008 | 32008 | 249AVBB | 04040 | — |
| 730BB-1-1/2 | 25428 | — | 1-1/2 | 1.500 | 38.1 | 10 | 3.5 | 1.2 | 545 | 3207AV | 04736 | 3208AV | 07044 | 249AVBB | 04040 | — |
| 24477 | 24477 | — | — | 1.595 | 40.5 | 10 | 3.5 | 1.3 | 590 | 24462 | 24462 | 35159 | 35159 | 249AVBB | 04040 | — |
| 730BB-1-5/8 | 25349 | — | 1-5/8 | 1.625 | 41.3 | 10 | 3.5 | 1.4 | 636 | 1794AV | 04251 | 1793AV | 04250 | 249AVBB | 04040 | — |
| 74BB | 22566 | 1-1/4" | 1-11/16 | 1.701 | 43.2 | 10 | 3.5 | 1.4 | 636 | 127AV | 06974 | 128AV | 04013 | 249AVBB | 04040 | — |
| 730BB-1-3/4 | 25350 | — | 1-3/4 | 1.750 | 44.5 | 10 | 3.5 | 1.5 | 681 | 1816AV | 04257 | 1815AV | 04256 | 249AVBB | 04040 | — |
| 730EBB-47 | 18891 | — | — | 1.850 | 47.0 | 10 | 3.5 | 1.7 | 772 | 17687 | 17687 | 32009 | 32009 | 304AVBB | 04042 | — |
| 730BB-1-7/8 | 25351 | — | 1-7/8 | 1.875 | 47.6 | 10 | 3.5 | 1.9 | 862 | 1791AV | 04248 | 1792AV | 04249 | 304AVBB | 04042 | — |
| 75BB | 22567 | 1-1/2" | 1-15/16 | 1.951 | 49.6 | 10 | 3.5 | 2 | 908 | 439AV | 06978 | 440AV | 04061 | 304AVBB | 04042 | — |
| 730BB-2 | 20676 | — | 2 | 2.000 | 50.8 | 10 | 3.5 | 1.9 | 862 | 1756AV | 04232 | 35161 | 36173 | 304AVBB | 04042 | — |
| 730BB-2-1/8 | 20678 | — | 2-1/8 | 2.125 | 54.0 | 10 | 3.5 | 2.2 | 998 | 1783AV | 04245 | 36173 | 04059 | 304AVBB | 04042 | — |
| 730BB-2-1/4 | 25360 | — | 2-1/4 | 2.250 | 57.2 | 10 | 3.5 | 2.6 | 1180 | 437AV | 04058 | 438AV | 32011 | 304AVBB | 04042 | — |
| 730EBB-60 | 18892 | — | — | 2.362 | 60.0 | 10 | 3.5 | 2.6 | 1180 | 17690 | 17690 | 32011 | 04063 | 304AVBB | 04042 | — |
| 76BB | 22568 | 2" | 2-3/8 | 2.416 | 61.5 | 10 | 3.5 | 3 | 1361 | 441AV | 04062 | 442AV | 04233 | 304AVBB | 04042 | — |
| 730BB-2-1/2 | 20679 | — | 2-1/2 | 2.500 | 63.5 | 10 | 3.5 | 3 | 1361 | 1758AV | 04234 | 1757AV | 06997 | 1434AV | 04188 | 1433AVBB |
| 730PBB-2-5/8 | 21214 | — | 2-5/8 | 2.625 | 66.7 | 10 | 3.5 | 5.1 | 2314 | 1795AV | 04252 | 1796AV | 04246 | 1434AV | 04188 | 1433AVBB |
| 730BB-2-3/4 | 25361 | — | 2-3/4 | 2.750 | 69.9 | 10 | 3.5 | 4.8 | 2178 | 1790AV | 04247 | 1789AV | 02443 | 304AVBB | 04042 | — |
| 730MBB | 25383 | — | — | 2.781 | 70.6 | 10 | 3.5 | 3.8 | 1724 | 730101A | 02445 | 730100A | 04177 | 1434AV | 04188 | 1433AVBB |
| 738BB | 19975 | 2-1/2" | 2-7/8 | 2.914 | 74.0 | 10 | 3.5 | 5 | 2268 | 1429AV | 04175 | 1430AV | 04258 | 1434AV | 04188 | 1433AVBB |
| 730BB-3 | 25372 | — | 3 | 3.000 | 76.2 | 10 | 3.5 | 6.1 | 2767 | 1821AV | 04259 | 1820AV | 06362 | 1434AV | 04188 | 1433AVBB |
| 730TBB | 25403 | — | 3-1/8 | 3.125 | 79.4 | 10 | 3.5 | 6 | 2722 | 1798AV | 06363 | 1797AV | 18906 | 1434AV | 04188 | 1433AVBB |
| 730EBB-82 | 18635 | — | — | 3.228 | 82.0 | 10 | 3.5 | 6.3 | 2858 | 18905 | 18905 | 18906 | 04183 | 1434AV | 04188 | 1433AVBB |
| 739BB | 19976 | 3" | 3-1/2 | 3.539 | 89.9 | 10 | 3.5 | 5.9 | 2677 | 1431AV | 04180 | 1432AV | 05266 | 1434AV | 04188 | 1433AVBB |
| 730PBB-3-3/4 | 21216 | — | 3-3/4 | 3.750 | 95.3 | 10 | 3.5 | 7.7 | 3493 | 4640AV | 05265 | 4641AV | 04652 | 3026AV | 04679 | 3036AVBB |
| 741BB* | 19977 | 3-1/2" | 4 | 4.011 | 102.7 | 10 | 3.5 | 10 | 4536 | 2982AV | 04653 | 2981AV | 04654 | 3026AV | 04679 | 3036AVBB |
| 742BB* | 19978 | 4" | 4-1/2 | 4.544 | 115.4 | 10 | 3.5 | 11.4 | 5172 | 2984AV | 04655 | 2983AV | 04654 | 3026AV | 04679 | 3036AVBB |
| 730EBB-120* | 21519 | — | — | 4.724 | 120.0 | 10 | 3.5 | 13 | 5897 | 21489 | 21489 | 21491 | 21491 | 3026AV | 04679 | 3036AVBB |
| 743BB* | 19980 | 5" | 5-5/8 | 5.675 | 144.1 | 10 | 3.5 | 19 | 8619 | 5135AV | 05447 | 5136AV | 05448 | 3026AV | 04679 | 3036AVBB |
| 744BB | 50005 | 6" | 6-3/8 | 6.375 | 161.9 | 10 | 3.5 | 36 | 16329 | 5137AV | 50008 | 5138AV | 50006 | 3026AV | 04679 | 3036AVBB |

SPECIAL APPLICATION PUNCHES

Oiltight Punches with Notches

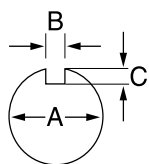
Other oiltight sizes without notches available in standard, Slug-Buster® and Slug-Splitter® designs.



| HOLE SIZE | | | | | | MAXIMUM CAPACITY MILD STEEL | | OPERATION TYPE | CAT./UPC NO | | | | | MINIMUM PILOT HOLE | | WEIGHT LBS. KG. | OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS | |
|-----------|------|-------|------|-----|------|-----------------------------|-----|----------------|--|-------|--------------|-------------|-------------|--------------------|------|-----------------|--|--------|
| INCH | | | MM | | | GA | MM | | PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS) | | BB DRIVE NUT | COUNTER NUT | INCH | MM | | | | |
| A | B | C | A | B | C | | | | PUNCH | DIE | DRAW STUD | DRIVE NUT | COUNTER NUT | | | | | |
| .875 | .125 | 1.000 | 22.5 | 3.2 | 25.4 | 14 | 2.0 | Hand/Hydr. | 60238 | 60239 | 60250 | 60117 | 60165 | 60258 | .625 | 15.9 | 2.1 .95 | 601670 |
| 1.210 | .190 | 1.380 | 30.5 | 4.8 | 36.0 | 10 | 3.5 | Hand/Hydr. | 60242 | 60243 | 60249 | 60117 | 60165 | 60258 | 625 | 15.9 | 2.7 1.2 | 601670 |

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers.

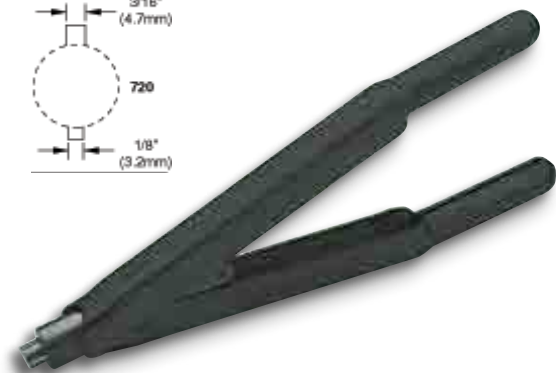
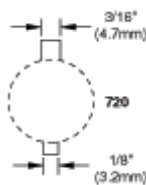
Key Punches



| HOLE SIZE | | | | | | MAXIMUM CAPACITY MILD STEEL | | OPERATION TYPE | CAT./UPC NO | | | | | MINIMUM PILOT HOLE | | WEIGHT LBS. KG. | OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS | |
|-----------|-------|------|------|-----|-----|-----------------------------|-----|----------------|--|-------|--------------|-------------|-------------|--------------------|------|-----------------|--|--------|
| INCH | | | MM | | | GA | MM | | PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS) | | BB DRIVE NUT | COUNTER NUT | INCH | MM | | | | |
| A | B | C | A | B | C | | | | PUNCH | DIE | DRAW STUD | DRIVE NUT | COUNTER NUT | | | | | |
| 0.481 | 0.055 | .030 | 12.2 | 1.4 | .8 | 16 | 1.5 | Hand/Hydr. | 60101 | 60102 | 60103 | 60115 | 60120 | 05244 | .375 | 9.5 | .88 .4 | 601140 |
| 1.171 | 0.123 | .097 | 29.7 | 3.1 | 2.5 | 14 | 2.0 | Hand/Hydr. | 60104 | 60105 | 60106 | 60166 | 60165 | 60258 | .875 | 23.8 | 2.3 1.0 | 601670 |
| 1.265 | 0.156 | .097 | 32.1 | 4.0 | 2.5 | 14 | 2.0 | Hand/Hydr. | 60107 | 60108 | 60109 | 60166 | 60165 | 60258 | .875 | 23.8 | 2.4 1.1 | 601670 |
| 1.328 | 0.102 | .097 | 33.7 | 2.6 | 2.5 | 14 | 2.0 | Hand/Hydr. | 60110 | 60111 | 60112 | 60166 | 60165 | 60258 | .875 | 23.8 | 2.4 1.1 | 601670 |

For use with any Greenlee Hydraulic Driver or Battery-Powered Driver. For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

720 Keyway Punch



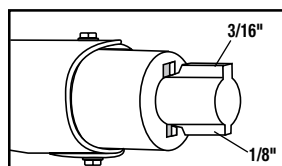
NOTE: Not for Stainless Steel

- Eliminates time-consuming hand sawing and filing when making keyways for push-button switches.
- Use as a nibbler to make wider or deeper keyways.
- Punches 1/8" (3.2 mm) or 3/16" (4.8 mm) keyways for 7/8" (22.5 mm) or 1-7/32" (30.5 mm) push-button holes.
- Canadian Patent No. 1,172,435.

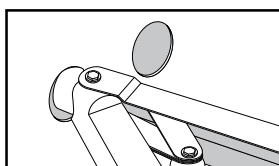
SPECIFICATIONS

Operation Manual
Capacity 10 gauge (3.5 mm) mild steel

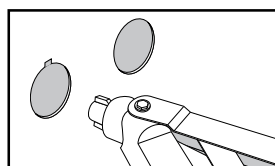
| CAT NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|---------|---------|--------------|--------|------|
| | | | LBS. | KG. |
| 720 | 26534 | Keyway Punch | 2.8 | 1.27 |
| 26534 | 26536 | Punch | | |
| 26538 | 26538 | Die | | |



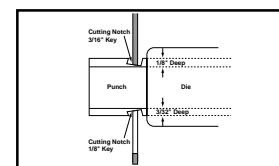
1. Locate proper cutting notch on the cutting head.



2. Place cutting notch inside edge of hole and cut keyway.

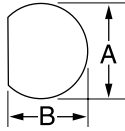


3. Withdraw the punch.



4. Use as a nibbler to make wider or deeper keyways.

"D" Punches

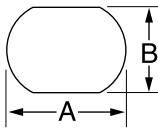


| HOLE SIZE | | | | MAXIMUM CAPACITY MILD STEEL | | OPERATION TYPE | CAT./UPC NO | | | | | MINIMUM PILOT HOLE | | WEIGHT | | OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS | |
|-----------|-------|------|------|-----------------------------|-----|----------------|--|-------|-------|-------|-----------|--------------------|-------------|--------|-----|--|-------|
| INCH | | MM | | GA | MM | | PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS) | | PUNCH | DIE | DRAW STUD | BB DRIVE NUT | COUNTER NUT | INCH | MM | | LBS. |
| A | B | A | B | | | | | | | | | | | | | | |
| 0.500 | 0.469 | 12.7 | 11.9 | 16 | 2.0 | Hand/Hydr. | 60077 | 60078 | 60079 | 60115 | 60120 | 05244 | .375 | 9.5 | .9 | .41 | 60114 |
| 0.625 | 0.594 | 15.9 | 15.1 | 14 | 2.0 | Hand/Hydr. | 61080** | | | 34421 | 34733 | 04638 | .500 | 12.7 | 1.1 | .50 | 33967 |
| 0.750 | 0.703 | 19.1 | 19.1 | 14 | 2.0 | Hand/Hydr. | 61083** | | | 34421 | 34733 | 04638 | .500 | 12.7 | 1.2 | .50 | 33967 |

◊ For use with any Greenlee Hydraulic Driver or Battery-Powered Driver

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers
** Sold as Unit only

Double "D" Punches

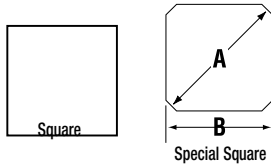


| HOLE SIZE | | | | MAXIMUM CAPACITY MILD STEEL | | OPERATION TYPE | CAT./UPC NO | | | | | MINIMUM PILOT HOLE | | WEIGHT | | OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS |
|-----------|-------|------|------|-----------------------------|-----|----------------|--|-------|-----------|--------------|-------------|--------------------|------|--------|-----|--|
| INCH | | MM | | GA | MM | | PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS) | | DRAW STUD | BB DRIVE NUT | COUNTER NUT | INCH | MM | LBS. | KG. | |
| A | B | A | B | | | | | | | | | | | | | |
| 0.769 | 0.642 | 19.5 | 16.3 | 14 | 2.0 | Hand/Hydr. | 61086** | | 34421 | 34733 | 04638 | .500 | 12.7 | 1.1 | .50 | 33967 |
| 0.795 | 0.697 | 20.2 | 17.6 | 14 | 2.0 | Hand/Hydr. | 61089** | | 34421 | 34733 | 04638 | .500 | 12.7 | 1.1 | .50 | 33967 |
| 0.913 | 0.756 | 23.2 | 19.2 | 14 | 2.0 | Hand/Hydr. | 61092** | | 34421 | 34733 | 04638 | .500 | 12.7 | 1.2 | .54 | 33967 |
| 0.913 | 0.795 | 23.2 | 20.2 | 14 | 2.0 | Hand/Hydr. | 61095** | | 34421 | 34733 | 04638 | .500 | 12.7 | 2 | .9 | 33967 |
| 1.375 | 1.125 | 34.9 | 28.6 | 14 | 2.0 | Hand/Hydr. | 60098** | 60166 | | 60165 | 60258 | .875 | 23.8 | 2.5 | 1.1 | 60167 |

◊ For use with any Greenlee Hydraulic Driver or Battery-Powered Driver

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers
** Sold as Unit only

Square and Special Square Punches



| HOLE SIZE | | | | MAXIMUM CAPACITY MILD STEEL | | OPERATION TYPE | CAT./UPC NO | | | | | MINIMUM PILOT HOLE | | WEIGHT | | OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS | |
|-----------|---------------|---------------|--|-----------------------------|-----|----------------|--|-------|-------|-------|-----------|--------------------|-------------|--------|------|--|-------|
| INCH | | MM | | GA | MM | | PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS) | | PUNCH | DIE | DRAW STUD | BB DRIVE NUT | COUNTER NUT | INCH | MM | | LBS. |
| | | | | | | | | | | | | | | | | | |
| 1/2" | 0.500 x 0.500 | 12.7 x 12.7 | | 16 | 1.5 | ◊Hand/Hydr. | 60001 | 60002 | 60003 | 60115 | 60120 | 05244 | .375 | 9.5 | 1.1 | .50 | 60114 |
| 5/8" | 0.625 x 0.625 | 15.9 x 15.9 | | 14 | 2.0 | ◊Hand/Hydr. | 61004 | 60005 | 60006 | 34421 | 34733 | 04638 | .500 | 12.7 | 1.5 | .68 | 33967 |
| 3/4" | 0.750 x 0.750 | 19.1 x 19.1 | | 14 | 2.0 | ◊Hand/Hydr. | 61007** | | | 34421 | 34733 | 04638 | .500 | 12.7 | 1.5 | .68 | 33967 |
| 7/8" | 0.882 x 0.882 | 22.4 x 22.4 | | 14 | 2.0 | ◊Hand/Hydr. | 61010** | | | 34421 | 34733 | 04638 | .500 | 12.7 | 1.8 | .82 | 33967 |
| | 0.945 x 0.945 | 24.0 x 24.0 | | 14 | 2.0 | ◊Hand/Hydr. | 61013** | | | 34421 | 34733 | 04638 | .500 | 12.7 | 2.3 | 1.0 | 33967 |
| 1" | 1.000 x 1.000 | 25.4 x 25.4 | | 14 | 2.0 | ◊Hand/Hydr. | 60016 | 60017 | 60018 | 60117 | 60165 | 60258 | .625 | 15.9 | 2.4 | 1.1 | 60167 |
| | 1.772 x 1.772 | 45.0 x 45.0 | | 10 | 3.5 | ◊Hydr. Only | 60287 | 60288 | 60289 | 60118 | — | 60235 | 1.188 | 30.2 | 6.0 | 2.7 | ◊ |
| 1-13/16" | 1.811 x 1.811 | 46.0 x 46.0 | | 10 | 3.5 | ◊Hydr. Only | 60019 | 60020 | 60019 | 60118 | — | 60235 | 1.188 | 30.2 | 6.2 | 2.8 | ◊ |
| 2" | 2.000 x 2.000 | 50.8 x 50.8 | | 10 | 3.5 | ◊Hydr. Only | 60168 | 60169 | 60170 | 60118 | — | 60235 | 1.188 | 30.2 | 6.9 | 3.1 | ◊ |
| 2-11/16" | 2.677 x 2.677 | 68.0 x 68.0 | | 10 | 3.5 | ◊Hydr. Only | 60171 | 60172 | 60173 | 60118 | — | 60235 | 1.188 | 30.2 | 10.1 | 4.6 | ◊ |
| 3-5/8" | 3.622 x 3.622 | 92.0 x 92.0 | | 10 | 3.5 | *Hydr. Only | 60174 | 60175 | 60176 | 60118 | — | 60235 | 1.188 | 30.2 | 14.8 | 6.7 | * |
| 4-1/8" | 4.125 x 4.125 | 104.8 x 104.8 | | 10 | 3.5 | *Hydr. Only | 60177 | 60178 | 60179 | 60118 | — | 60235 | 1.188 | 30.2 | 18.8 | 8.5 | * |
| | 5.433 x 5.433 | 138.0 x 138.0 | | 14 | 2.0 | *Hydr. Only | 60234 | 60023 | 60024 | 60118 | — | 60235 | 1.188 | 30.2 | 20 | 9.1 | * |

SPECIAL SQUARE

| | | | | | | | | | | | | | | | | | |
|----------|----------|------|--------------|----|-----|------------|---------|--|--|-------|-------|-------|------|------|----|----|-------|
| 0.886(A) | 0.791(B) | 22.5 | ◊(A) 20.1(B) | 14 | 2.0 | Hand/Hydr. | 61125** | | | 34421 | 34733 | 04638 | .500 | 12.7 | .7 | .3 | 33967 |
|----------|----------|------|--------------|----|-----|------------|---------|--|--|-------|-------|-------|------|------|----|----|-------|

*For use with Hand and Foot Pump Hydraulic Drivers with Ram ◊ For use with any Greenlee Hydraulic Driver or Battery-Powered Driver
** Sold as Unit only

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

Rectangular Punches

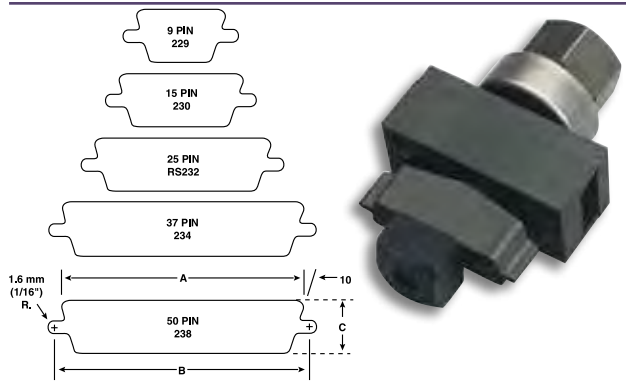


| HOLE SIZE | | MAXIMUM CAPACITY MILD STEEL | | OPERATION TYPE | CAT./UPC NO PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS) | PUNCH | DIE | DRAW STUD | BB DRIVE NUT | COUNTER NUT | MINIMUM PILOT HOLE | | WEIGHT | | OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS |
|---------------|--------------|-----------------------------|-----|----------------|---|-------|-------|-----------|--------------|-------------|--------------------|------|--------|-----|--|
| INCH | MM | GA | MM | | | | | | | | INCH | MM | LBS. | KG. | |
| 0.437 x 0.875 | 11.1 x 22.2 | 16 | 1.5 | ∅Hand/Hydr. | 60025 | 60026 | 60027 | 60115 | 60120 | 05244 | .375 | 9.5 | 1.2 | .5 | 60114∅ |
| 0.670 x 0.749 | 17.0 x 19.0 | 14 | 2.0 | ∅Hand/Hydr. | 61028 | 60029 | 60030 | 34421 | 34733 | 04638 | .500 | 12.7 | 1.5 | .68 | 33967∅ |
| 0.750 x 1.140 | 19.1 x 29.0 | 14 | 2.0 | ∅Hand/Hydr. | 60031 | 60032 | 60033 | 60117 | 60165 | 60258 | .625 | 15.9 | 2.3 | 1.0 | 60167∅ |
| 0.750 x 1.310 | 19.1 x 33.3 | 14 | 2.0 | ∅Hand/Hydr. | 60034 | 60035 | 60036 | 60117 | 60165 | 60258 | .625 | 15.9 | 2.3 | 1.0 | 60167∅ |
| 0.861 x 1.018 | 21.9 x 25.9 | 14 | 2.0 | ∅Hand/Hydr. | 60037 | 60038 | 60039 | 60117 | 60165 | 60258 | .625 | 15.9 | 2.3 | 1.0 | 60167∅ |
| 0.866 x 1.181 | 22.0 x 30.0 | 14 | 2.0 | ∅Hand/Hydr. | 60040 | 60041 | 60042 | 60117 | 60165 | 60258 | .625 | 15.9 | 2.4 | 1.1 | 60167∅ |
| 0.866 x 1.654 | 22.0 x 42.0 | 14 | 2.0 | ∅Hand/Hydr. | 60043 | 60045 | 60046 | 60117 | 60165 | 60258 | .625 | 15.9 | 2.9 | 1.3 | 60167∅ |
| 0.990 x 1.140 | 25.1 x 29.0 | 14 | 2.0 | ∅Hand/Hydr. | 60047 | 60048 | 60049 | 60117 | 60165 | 60258 | .625 | 15.9 | 2.6 | 1.2 | 60167∅ |
| 1.250 x 1.380 | 31.8 x 35.1 | 14 | 2.0 | ∅Hand/Hydr. | 60050 | 60051 | 60052 | 60117 | 60165 | 60258 | .625 | 15.9 | 3.1 | 1.4 | 60167∅ |
| 1.312 x 2.625 | 33.3 x 67.9 | 10 | 3.5 | ∅Hand/Hydr. | 60053 | 60054 | 60055 | 60118 | — | 60235 | 1.188 | 30.2 | 5.1 | 2.3 | ∅ |
| 1.378 x 2.047 | 35.0 x 52.0 | 10 | 3.5 | ∅Hand/Hydr. | 60056 | 60057 | 60058 | 60118 | — | 60235 | 1.188 | 30.2 | 6.1 | 2.8 | ∅ |
| 1.378 x 2.559 | 35.0 x 65.0 | 10 | 3.5 | ∅Hand/Hydr. | 60059 | 60060 | 60061 | 60118 | — | 60235 | 1.188 | 30.2 | 6.8 | 3.1 | ∅ |
| 1.378 x 3.228 | 35.0 x 82.0 | 14 | 2.0 | ∅Hand/Hydr. | 60062 | 60063 | 60064 | 60118 | — | 60235 | 1.188 | 30.2 | 7.7 | 3.5 | * |
| 1.378 x 4.409 | 35.0 x 112.0 | 14 | 2.0 | ∅Hand/Hydr. | 60065 | 60066 | 60067 | 60118 | — | 60235 | 1.188 | 30.2 | 9.2 | 4.2 | * |
| 1.811 x 3.622 | 46.0 x 92.0 | 10 | 3.5 | ∅Hand/Hydr. | 60068 | 60069 | 60070 | 60118 | — | 60235 | 1.188 | 30.2 | 8.9 | 4.0 | * |
| 2.250 x 3.500 | 57.2 x 88.9 | 10 | 3.5 | ∅Hand/Hydr. | 60071 | 60072 | 60073 | 60118 | — | 60235 | 1.188 | 30.2 | 10.1 | 4.6 | * |
| 2.677 x 5.433 | 68.0 x 138.0 | 14 | 2.0 | ∅Hand/Hydr. | 60074 | 60075 | 60076 | 60118 | — | 60235 | 1.188 | 30.2 | 16.1 | 7.3 | * |

* For use with with Hand and Foot Pump Hydraulic Drivers with Ram
 ∅ For use with any Greenlee Hydraulic Driver or Battery-Powered Driver

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

Electronic Connector Panel Punches



- Cut-out and mounting slots are punched in one operation.
- Drill only one 7/16" (11.1 mm) pilot hole. (See page 104 for Kwik Stepper® step bits.)
- Fast, accurate panel punching with no sawing or filing required.
- Universal size punches for front or back mount of TRW Cinch and ITT Cannon-type or equivalent connectors in 9, 15, 25, 37 or 50-pin configurations.

SPECIFICATIONS

| | |
|------------------|---|
| Capacity | 16 gauge (1.5 mm) mild steel; 10 gauge (3.5 mm) aluminum |
| Operation | Manual with a wrench; Quick Draw® and Quick Draw 90® hydraulic drivers, Battery Driver, Ram and Pump hydraulic drivers aluminum |

| PUNCH UNIT | | NO. OF PINS | DIMENSIONS | | | DRAW STUD | SQUARE COUNTER NUT | DRIVE NUT | WEIGHT | |
|------------|---------|-------------|----------------------|---------------------|--------------------|-----------|--------------------|-----------|--------|-----|
| CAT. NO. | UPC NO. | | A | B | C | | | | LBS. | KG |
| 229 | 34436 | 9 | .787" (20.0 mm) | .982" (24.9 mm) | .469" (11.9 mm) | 34421 | 04638 | 34733 | 1.4 | .64 |
| 231 | 34437 | 15 | 1.127" (28.6 mm) | 1.309" (33.3 mm) | .469" (11.9 mm) | 34421 | 04638 | 34733 | 1.5 | .68 |
| RS232 | 34420 | 25 | 1.6555" (42.0 mm) | 1.853" (47.1 mm) | .469" (11.9 mm) | 34421 | 04638 | 34733 | 2.0 | .91 |
| 234 | 34429 | 37 | 2.296" (58.3 mm) | 2.497" (58.3 mm) | .469" (11.9 mm) | 34421 | 04638 | 34733 | 2.0 | .91 |
| 238 | 34444 | 50 | 2.201" (55.9 mm) | 2.402" (61.0 mm) | .579" (14.7 mm) | 34421 | 04638 | 34733 | 2.0 | .91 |

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

KNOCKOUT PARTS CABINETS

Knockout Punch Parts Assortment Cabinets



7360SB



7361SB

- Includes balanced stock of replacement parts in sturdy steel cabinets.

| CAT NO. | UPC NO. | DESCRIPTION |
|---------|---------|--|
| 7360SB | 34358 | Knockout Punch Parts Assortment 1/2" - 2". Includes Metal Cabinet 14" High, 13" Wide and 14-3/4" Deep, with 4 Drawers. |
| 7361SB | 34359 | Knockout Punch Parts Assortment 1/2" - 3". Includes Metal Cabinet 19-1/2" High, 27" Wide and 15" Deep with 4 Drawers. |

7361SB/34359 PARTS CABINET INCLUDES

| CAT NO. | UPC NO. | DESCRIPTION | QTY. |
|-----------|---------|-----------------------------------|------|
| 721-1/2 | 31756 | Slug-Buster® 1/2" Conduit Punch | 18 |
| 14722 | 14722 | 1/2" Conduit Die | 12 |
| 721-3/4 | 31757 | Slug-Buster® 3/4" Conduit Punch | 6 |
| 124AV | 06972 | 3/4" Conduit Die | 6 |
| 721-1 | 31758 | Slug-Buster® 1" Conduit Punch | 6 |
| 126AV | 04011 | 1" Conduit Die | 6 |
| 721-1-1/4 | 31759 | Slug-Buster® 1-1/4" Conduit Punch | 6 |
| 128AV | 04013 | 1-1/4" Conduit Die | 6 |
| 721-1-1/2 | 31760 | Slug-Buster® 1-1/2" Conduit Punch | 3 |
| 440AV | 04061 | 1-1/2" Conduit Die | 3 |
| 721-2 | 31761 | Slug-Buster® 2" Conduit Punch | 3 |
| 442AV | 04063 | 2" Conduit Die | 2 |
| 1429AV | 04175 | 2-1/2" Conduit Punch | 1 |
| 1430AV | 04177 | 2-1/2" Conduit Die | 1 |
| 1431AV | 04180 | 3" Conduit Punch | 1 |
| 1432AV | 04183 | 3" Conduit Die | 1 |
| 00042 | 00042 | 3/8" Draw Stud | 12 |
| 249AVBB | 04040 | 3/4" Drive Screw | 8 |
| 304AVBB | 04042 | 3/4" Drive Screw | 6 |
| 1434AV | 04188 | 5-1/2" x 3/4" Drive Screw | 1 |
| 1433AVBB | 04187 | 1" Ball Bearing Nut | 1 |
| 12097 | 12097 | 3/8" Adapter Screw | 6 |
| 30227 | 30227 | 7/16" Adapter Screw | 2 |
| 12099 | 12099 | 3/4" Ball Bearing Adapter Screw | 2 |
| 20963 | 20963 | 3/8" Draw Stud | 20 |
| 2113B | 10109 | 3/4" Draw Stud | 6 |
| 1557AA | 03170 | 1-1/8" Punch Sleeve | 1 |
| 3037AV | 04686 | 3-1/2", 4" & 5" Conduit Bushing | 1 |
| 1924AA | 03248 | Short Spacer | 4 |
| 1925AA | 03249 | Medium Spacer | 4 |
| 1926AA | 06904 | Long Spacer | 4 |
| 28154 | 28154 | Punch 1/2" HD Slug-Splitter SC™ | 1 |
| 28155 | 28155 | Die 1/2" HD Slug-Splitter SC™ | 1 |
| 29451 | 29451 | Draw Stud, 7/16" Stainless Steel | 1 |
| 31834 | 31834 | Cabinet A only (top) | 1 |
| 31849 | 31849 | Cabinet B only (bottom) | 1 |

7360SB/34358 PARTS CABINET INCLUDES

| CAT NO. | UPC NO. | DESCRIPTION | QTY. |
|-----------|---------|-----------------------------------|------|
| 721-1/2 | 31756 | Slug-Buster® 1/2" Conduit Punch | 18 |
| 14722 | 14722 | 1/2" Conduit Die | 12 |
| 721-3/4 | 31757 | Slug-Buster® 3/4" Conduit Punch | 6 |
| 124AV | 06972 | 3/4" Conduit Die | 6 |
| 721-1 | 31758 | Slug-Buster® 1" Conduit Punch | 3 |
| 126AV | 04011 | 1" Conduit Die | 3 |
| 721-1-1/4 | 31759 | Slug-Buster® 1-1/4" Conduit Punch | 3 |
| 128AV | 04013 | 1-1/4" Conduit Die | 3 |
| 721-1-1/2 | 31760 | Slug-Buster® 1-1/2" Conduit Punch | 2 |
| 440AV | 04061 | 1-1/2" Conduit Die | 2 |
| 721-2 | 31761 | Slug-Buster® 2" Conduit Punch | 2 |
| 442AV | 04063 | 2" Conduit Die | 1 |
| 00042 | 00042 | 3/8" Drive Screw | 12 |
| 249AVBB | 04040 | 3/4" Drive Screw | 4 |
| 304AVBB | 04042 | 3/4" Drive Screw | 4 |
| 12097 | 12097 | 3/8" Adapter Screw | 4 |
| 20963 | 20963 | 3/8" Draw Stud | 20 |
| 2113B | 10109 | 3/4" Draw Stud | 4 |
| 31832 | 31832 | Cabinet only | 1 |

DRAW STUDS FOR KNOCKOUTS

Replacement Draw Studs for Manual Drivers

Replacement Draw Stud Selection Guide

Refer to the **ACTUAL SIZE PICTURES** and information below when ordering a replacement draw stud. Sizes given are diameter X length.



3026AV –
1-1/8" (28.6 mm) x 7-1/2" (190 mm)

1675AV Draw Stud – 1/4" (6.4 mm) x 1-3/8" (35 mm)

00042 – 3/8" (9.5 mm) x 1-5/8" (41 mm)

249AVBB – 3/4" (19.0 mm) x 2-1/8" (54 mm)

304AVBB – 3/4" (19.0 mm) x 2-15/16" (75 mm)

1434AV
3/4" (19.0 mm) x
5-1/2" (140 mm)

Replacement Draw Studs for Hydraulic Drivers

Replacement Draw Stud Selection Guide

Refer to the **ACTUAL SIZE PICTURES** and information below when ordering a replacement draw stud. Sizes given are diameter X length.



1557AA- 1-1/8" (28.6 mm) x 3" (76 mm)



60114 (Adapter) - 3/4" (19 mm) x 1/4" (6.35 mm) internal



33967 (Adapter) - 3/4" (19 mm) x 3/8" (9.5 mm) internal



60167 (Adapter) - 3/4" (19 mm) x 1/2" (12.7 mm) internal



1614SS- 3/8" (9.5 mm) x 2-13/16" (71 mm)



2113B - 3/4" (19.0 mm) x 5.38" (137 mm)



20963 - 3/8" (9.5 mm) to 3/4" (19.0 mm) x 4.8" (122 mm)



7212SP11 - 3/4" (19 mm) x 4.77" (121 mm)



7212SP12* - 3/4" (19 mm) x 5.63" (143 mm)

NEW PRODUCT

NEW PRODUCT

*For use with 746 Hydraulic RAM

Replacement Draw Studs for Hydraulic Drivers (continued)



31872 – 3/4" (19 mm) x 4-1/2" (114.3 mm)



29451 – 7/16" (11.1 mm) x 4-1/4" (108 mm)



29452 – 3/4" (19.0 mm) x 5-1/2" (140 mm)

Replacement Draw Studs for Ratchet Drivers

Replacement Draw Stud Selection Guide

Refer to the **ACTUAL SIZE PICTURES** and information below when ordering a replacement draw stud. Sizes given are diameter X length.



12099 – 3/4" (19.0 mm) x 4-3/4" (121 mm)



30227 – 7/16" (11.1 mm) x 3-5/8" (92 mm)



12097 – 3/8" (9.5 mm) x 3-1/2" (89 mm)

Replacement Draw Studs for Special Shape Punches

Replacement Draw Stud Selection Guide

Refer to the **ACTUAL SIZE PICTURES** and information below when ordering a replacement draw stud. Sizes given are diameter X length.

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers.



60118 - 3/4" (19 mm)
x 6-3/4" (171.5 mm)



60166 - 1/2" (12.7 mm) x 4-5/8" (117.5 mm)



60117 - 1/2" (12.7 mm) x 4-5/8" (117.5 mm)



34421 - 3/8" (9.5 mm) x 3-1/2" (88.9 mm)



60115 - 1/4" (6.3 mm) x 3-7/16" (87.3 mm)



60116 - 1/2" (12.7 mm) x 4-5/8" (117.5 mm)

STUD PUNCHES

ESP710L Stud Punch

**NEW
PRODUCT**



- This tool punches 1-11/32" (34.1 mm) diameter holes in 16 and 18 gauge structural studs.
- Has the ability to punch holes in under 5 seconds
- The ESP710L can take both time and hard work out of the stud punching process.
- 4" Throat Depth from center of punch.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|------------------------------|
| ESP710L11 | 52165 | Punch, Stud Bat 120V Charger |

BATTERY-POWERED STUD PUNCH

| CAT. NO. | UPC NO. | ACTUAL HOLE SIZE | | WEIGHT | | LENGTH | | HEIGHT | | CAPACITY | | BATTERY | CHARGER |
|-----------|---------|------------------|------|--------|-----|--------|-----|--------|-----|----------|-----|-------------------|----------|
| | | IN. | MM | LBS. | KG | IN. | MM | IN. | MM | GA | MM | | |
| ESP710L11 | 52165 | 1-11/32 | 34.1 | 9.2 | 4.2 | 15 | 381 | 11-3/4 | 298 | 16 | 1.5 | 3.0Ah 18V, Li-Ion | 120 Volt |

Plumber Stud Punch



- Punches 2-5/8" (66.7 mm) diameter hole in metal studs for professional-looking installation of 2" water, vent, waste pipes.
- Two-speed lever action for fast, easy punching of 24 to 20 gauge thick metal studs.
- 2-1/8" (54 mm) throat width fits over most studs and channels.
- High strength alloy aluminum c-frame and handle provides lightweight tool for easy handling—10.6 lb. (4.8 kg).
- Lever action punch retraction strips punch out of metal stud fast and easy. Patent #6,647,630

SPECIFICATIONS

| | |
|-------------------------|--------------------|
| Actual Hole Size | 2-5/8" (66.7 mm) |
| Weight | 10.6 lbs. (4.8 kg) |
| Length | 23-1/2" (596 mm) |
| Height | 9-3/4" (247 mm) |
| Capacity | 24-20 GA (0.9 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------|
| 713 | 06430 | Plumber Stud Punch |
| 08377 | 08377 | Punch for 713 |
| 08379 | 08379 | Die for 713 |
| 08375 | 08375 | Link |
| 55316 | 55316 | Pin, Groove .31 x 1.75 |

Metal Stud Punches



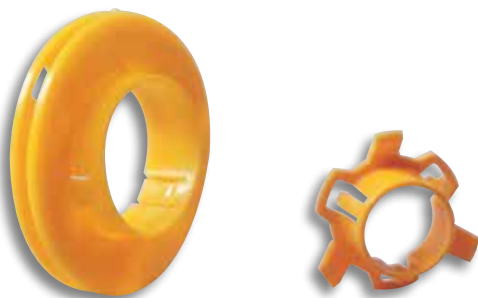
SPECIFICATIONS

Capacity 709 - 1-5/8" (41.3 mm) and wider studs.
20 gauge (0.9 mm) steel studs.
710 - 2-1/2" (63.4 mm) and wider studs.
20 gauge (0.9 mm) steel studs.

- Punch up through 20 gauge (0.9 mm) steel studs in one stroke.
- Aluminum head provides strength with minimum weight, reducing operator fatigue.
- Contoured handle design gives better operator leverage and makes it possible to punch in tight places.
- Self-stripping design eliminates punch hang-ups.
- Automatically centers holes on standard studs.
- Conversion kit available to upgrade early models from 24 gauge to 20 gauge maximum capacity.

| CAT NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------------|---------|---|--------|-----|
| | | | LBS. | KG. |
| 709 | 22280 | 7/8" (22.2 mm) Diameter Stud Punch | 7 | 3.2 |
| 710 | 21285 | 1-11/32" (34.1 mm) Diameter Stud Punch | 7.5 | 3.5 |
| 30968 | 30968 | Conversion Kit – Upgrades Early Model 709 or 710 from 24 to 20 Gauge Maximum Capacity | | |
| R 121AV | 04006 | Punch for 709 | | |
| R 22286 | 22286 | Die for 709 | | |
| R 24823 | 24823 | Punch for 710 | | |
| R 21297 | 21297 | Die for 710 | | |
| 06015 | 06015 | Pin Kit | | |
| 36617 | 36617 | Link | | |
| 05932 | 05932 | Link and Pin Kit (709/710) | | |
| 21557 | 21557 | Compression Spring | | |

Bushings for Metal Stud Punches



- Triple lock design holds bushing securely.
- Locks securely into metal studs from 24 gauge to 12 gauge (0.6 mm to 2.5 mm).
- Helps protect wire insulation from sharp edges of metal studs.
- Makes pulling smooth and easy by preventing hang-ups of cable on raw metal edges.

| CAT NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------|---------|--|--------|-----|
| | | | LBS. | KG. |
| 711C | 22288 | 100 Bushings for Hole Punched by 709 for 7/8" (22.2 mm) Diameter Hole | .5 | .23 |
| 711M | 22289 | 1,000 Bushings for Hole Punched by 709 for 7/8" (22.2 mm) Diameter Hole | 3.7 | 1.7 |
| 712A100 | 05927 | 100 Bushings for Pre-Punched Hole or 1-11/32" (34.1 mm) Diameter Hole Punched by 710 | 1.4 | .64 |
| 712A1000 | 05928 | 1,000 Bushings for Pre-Punched Hole or 1-11/32" (34.1 mm) Diameter Hole Punched by 710 | 15.5 | 7.0 |

Manual Stud Punch



SPECIFICATIONS

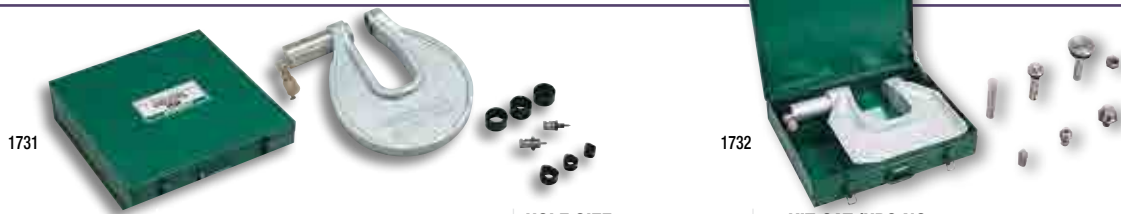
Actual Hole Size 1-1/4" (31.7 mm)
Weight 4.0 lbs. (1.8 kg)
Length 16-3/4" (426 mm)
Height 4-1/2" (247 mm)
Capacity 24-20 GA (0.9 mm)

- Punch up through 20 gauge (0.9 mm) steel studs in one stroke.
- Unique patented punch rolls the edge over for smooth installation of armored cable; cable won't hang up.
- Contoured handle design gives better operator leverage and makes it possible to punch in tight places.
- Automatically centers holes on standard studs.

| CAT NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-------------------|
| 724 | 10415 | Manual Stud Punch |
| R 10419 | 10419 | Punch for 724 |

C-FRAME PUNCHES

1731 & 1732 Portable C-Frame Punch Drivers



| CAT. NO. | UPC NO. | DESCRIPTION | HOLE SIZE | | | KIT CAT./UPC NO. | | | |
|----------|---------|---|-----------|----|------|------------------|--------------------|---------------------|----------------|
| | | | IN | MM | PG | 1731/ 15911 | 1731H767/ 20486 | 1731F1725/ 25169 | 1732/ 27361 |
| | | C-Frame with Ram | | | | ✓ | ✓ | ✓ | ✓ |
| 13266 | 13266 | Punch Adapter - 3/8" Ø x 1/2" (9.5 mm) | | | | | | | ✓ |
| 13267 | 13267 | Punch Adapter - 3/4" Ø x 1" (19.0 mm) | | | | | | | ✓ |
| 13276 | 13276 | Punch Adapter - 3/8" Ø x 1/2" (9.5 mm) | | | | ✓ | ✓ | ✓ | |
| 13277 | 13277 | Punch Adapter - 3/4" Ø x 1" (19.0 mm) | | | | ✓ | ✓ | ✓ | |
| 13268 | 13268 | Punch Adapter - 1-1/8" Ø (28.6 mm) | | | | | | | ✓ |
| 121AV | 04006 | 1/2" Conduit Size Punch | 1/2 | 16 | 22.5 | ✓ | ✓ | ✓ | |
| 123AV | 04008 | 3/4" Conduit Size Die | 3/4 | 21 | 28.3 | ✓ | ✓ | ✓ | |
| 125AV | 04010 | 1" Conduit Size Punch | 1 | — | 34.6 | ✓ | ✓ | ✓ | |
| 12087 | 12087 | C-Frame 1/2" Conduit Size Die | 1/2 | 16 | 22.5 | ✓ | ✓ | ✓ | |
| 12086 | 12086 | C-Frame 3/4" Conduit Size Die | 3/4 | 21 | 28.3 | ✓ | ✓ | ✓ | |
| 12085 | 12085 | C-Frame 1" Conduit Size Die | 1 | — | 34.6 | ✓ | ✓ | ✓ | |
| 1725 | 1725 | 1725 Hydraulic Foot Pump | | | | | | ✓ | |
| 16634 | 16634 | Steel Case | | | | ✓ | ✓ | ✓ | |
| 38316 | 38316 | High Pressure Hose Unit - 1/4" x 3' (includes 1 each of the following 3 items) | | | | | | | |
| 54169 | 54169 | 1/4" Male Coupler | | | | | | | |
| 54170 | 54170 | Dust Cap | | | | | | | |
| 06302 | 06302 | High Pressure Hose 1/4" x 3' | | | | | | | |
| 11797 | 11797 | Die Adapter - 3/8" Ø (9.5 mm) | | | | | | | ✓ |
| 11790 | 11790 | Die Adapter - 3/4" Ø (19.0 mm) | | | | | | | ✓ |
| 11789 | 11789 | Die Adapter - 1-1/8" Ø (28.6 mm) | | | | | | | ✓ |
| 767 | 767 | Hydraulic Hand Pump | | | | | ✓ | | |
| 755 | 755 | Hydraulic Hand Pump | | | | | | | |
| 37729 | 37729 | Hydraulic Hose - 1/4" x 10' (3 m) | | | | | | ✓ | |
| 11289 | 11289 | Hydraulic Hose - 3/8" x 6' (9.5 mm x 1.8) | | | | | | | |
| 27335 | 27335 | Metal Case | | | | | | | ✓ |
| 50642 | 50642 | Nut - 3/4" - 10 (19.0 mm) | | | | | | | ✓ |
| 12079 | 12079 | Frame | | | | | | | |
| 15631 | 15631 | Ram | | | | | | | |
| 37614 | 37614 | Quick Disconnect | | | | | | | |
| 11903 | 11903 | C-Frame | | | | | | | |
| 13814 | 13814 | Packing Kit | | | | | | | |

- Fast, one-shot punching, no predrilling of pilot holes.
 - Throat measures 8" (203 mm) deep.
- 1731**
- Great for punching junction boxes and small enclosures.
 - Punch can be used with ram inside or outside of the junction box.
 - For use with 1/2" – 1" (22.5 mm – 34.6 mm) conduit size and accessory sizes only.
- 1732**
- Use with 1/2" through 4" conduit size and other round sizes only.
 - Use with Greenlee standard round punches and dies (optional).

SPECIFICATIONS

Capacity 1731: Up through 10 gauge (3.0 mm) mild steel with Greenlee special C-Frame dies and standard punches; 1/2" through 1" conduit and 15.2 mm through 30.5 mm
 1732: Up through 10 gauge (3.0 mm) mild steel with Greenlee Standard punches and dies; 1/2" through 4" conduit and 15.2 mm through 115.4 mm.

| CAT NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|-----------|---------|---|--------|-----|
| | | | LBS. | KG. |
| 1731 | 15911 | Driver with Ram, 1/2" Through 1" Conduit (22.5 mm through 34.6 mm) Punches and Dies | 32 | 15 |
| 1732 | 27361 | Driver with Ram, 3/8", 3/4" and 1-1/8" Punch and Die Adapters | 59 | 27 |
| 1731H767 | 20486 | Same as 1731 with 767 Hydraulic Hand Pump | 36 | 17 |
| 1731F1725 | 25169 | Same as 1731 with 1725 Hydraulic Foot Pump | 43 | 20 |
| 21316 | 21316 | Pg-9 (15.2 mm) Punch (optional) | | |
| 18557 | 18557 | Pg-9 (15.2 mm) Die (optional) | | |
| 17700 | 17700 | Pg-11 (18.6 mm) Punch (optional) | | |
| 18558 | 18558 | Pg-11 (18.6 mm) Die (optional) | | |
| 17697 | 17697 | Pg-13 (20.4 mm) Punch (optional) | | |
| 18559 | 18559 | Pg-13 (20.4 mm) Die (optional) | | |
| 36282 | 36282 | 1-7/32" (30.5 mm) Oil Tight Punch (optional) | | |
| 37103 | 37103 | 1-7/32" (30.5 mm) Oil Tight Die (optional) | | |

MANUAL HYDRAULIC PUMPS

Hydraulic Hand Pump



- Lightweight and portable, for use with Greenlee Punch Drivers.
- Versatile, operates in any position.
- Single speed.
- Rugged steel pump body/reservoir with cast aluminum handle.
- Has mounting holes for easy, permanent mounting.

SPECIFICATIONS

| | |
|------------------|---|
| Operation | Manual – Hand |
| Capacity | 6,500 psi (448 bar), .0823 in. (13 mm) per stroke |
| Length | 13" (330 mm) |
| Width | 4" (102 mm) |
| Height | 4" (102 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------------|---------|--|--------|-----|
| | | | LBS. | kg |
| 767 | 13284 | Hydraulic Hand Pump | 6 | 2.7 |
| R 04343 | 04343 | Seal Kit Repair for Serial Code ABM | | |
| R 13800 | 13800 | *Seal Kit Repair for Serial Code 55D & Up | | |
| R 30242 | 30242 | *Seal Kit Repair for Serial Code 68BG TO BG33181628, BG331816 & Up | | |
| R 30241 | 30241 | Reservoir Follower | | |

*NOTE: Must also purchase 30241 Follower

NOTE: See page 100 to select the proper hydraulic hose for this pump.

Hydraulic Foot Pump



- Free both hands to position and hold the working tool.
- Foot activated release lever.
- Hold-down pin keeps pedal down for storage and transport.
- Angled base bar keeps the pump upright and stable.
- Includes 1/4" (6.4 mm) female coupler with dust cap.

SPECIFICATIONS

| | |
|------------------|--|
| Operation | Manual – Foot |
| Capacity | 6,500 psi (448 bar), .117 in. (19 mm) per stroke |
| Length | 16" (406 mm) |
| Height | Pedal down 6" (152 mm), Pedal up 12" (305 mm) |
| Width | 8" (203 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------------|---------|----------------------------|--------|----|
| | | | LBS. | kg |
| 1725 | 31353 | Hydraulic Foot Pump | 11 | 5 |
| R 24496 | 24496 | Seal Kit w/ RD Serial Code | | |
| R 25214 | 25214 | Seal Kit w/ RU Serial Code | | |
| R 33336 | 33336 | Seal Kit w/ VK Serial Code | | |

NOTE: See page 100 to select the proper hydraulic hose for this pump.

HYDRAULIC PUMP ACCESSORIES

Hydraulic Hose Selection Guide

| TOOL CAT. NO./DESCRIPTION | TOOL COUPLER | PUMP CAT. NO. | HOSE CAT./UPC NO. |
|---------------------------|---------------------|--------------------------|-------------------|
| 750 Cable Cutter | 1/4" Female Coupler | 767 | 38316 |
| 750 Cable Cutter | 1/4" Female Coupler | 1725 | 37729 |
| 750 Cable Cutter | 1/4" Female Coupler | 975 | 17707 |
| 777 Bender | 3/8" Female Coupler | 755, 975, 980 or 960SAPS | 11289 |
| 782 Bender | 3/8" Female Coupler | 755 or 975 | 11289 |
| 800 Cable Bender | 1/4" Female Coupler | 1725 | 37729 |
| 880 Bender | 3/8" Female Coupler | 755 or 975 | 11289 |
| 882 Bender | 3/8" Female Coupler | 755 or 975 | 11289 |
| 884 Bender | 3/8" Female Coupler | 980 or 960SAPS | 11289 |
| 885 Bender | 3/8" Female Coupler | 980 or 960SAPS | 11289 |
| 1731 C-Frame Punch Driver | 1/4" Female Coupler | 767 | 38316 |
| 1731 C-Frame Punch Driver | 1/4" Female Coupler | 1725 | 37729 |
| 1731 C-Frame Punch Driver | 1/4" Female Coupler | 755 or 975 | 11289 |
| SDK202GL Cable Cutter | 3/8" Male Coupler | 7475H, 975 or 980 | 05850, 05851 |
| RK06AT, RK06FT | 3/8" Male Coupler | 7475H, 975 or 980 | 05850, 05851 |
| RK1230, RK1240, RK1240K | 3/8" Male Coupler | 7475H, 975 or 980 | 05850, 05851 |
| RCCX | 3/8" Male Coupler | 7475H, 975 or 980 | 05850, 05851 |
| RK1550 | 3/8" Male Coupler | 7475H, 975 or 980 | 05850, 05851 |

Hydraulic Hose Units

- High pressure hydraulic hose units for use with Greenlee hydraulic pumps.
- Equipped with couplers and dust caps.



| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 05850* | 05850 | 10' X 1/4" Hose With (1) 3/8" Male Coupler and (1) 3/8" Female Coupler |
| 05851* | 05851 | 10' X 1/4" Non-Conductive Hose with (1) 3/8" Male Coupler and (1) 3/8" Female Coupler |
| 11289* | 11289 | 6' X 3/8" Hose with (2) 3/8" Male Couplers |
| 17707* | 17707 | 10' X 1/4" Hose with (1) 3/8" Male Coupler and (1) 1/4" Male Coupler |
| 37729* | 37729 | 10' X 1/4" Hose with (2) 1/4" Male Couplers |
| 38316 | 38316 | 3' X 1/4" Hose with (1) 1/4" Male Coupler and (1) 1/4" NPT Swivel Threaded Fitting |
| 06302 | 06302 | 3' X 1/4" Hose with (1) 1/4" NPT Male Threaded Fitting and (1) 1/4" NPT Swivel Threaded Fitting |

* Filled with hydraulic oil.

| CAT. NO. | UPC NO. | DESCRIPTION | HOSE UNIT CAT./UPC NO. | | | | | | COUPLER SET CAT./UPC NO. | | |
|----------|---------|---|------------------------|-------|-------|-------|-------|-------|--------------------------|--------------|---|
| | | | 05850 | 05851 | 11289 | 17707 | 37729 | 38316 | 37614 | 3548GB/20573 | |
| 54167 | 54167 | 1/4" (6.4 mm) Female Coupler without Dust Cap | | | | | | | | 1 | |
| 54168 | 54168 | 1/4" (6.4mm) Dust Cap for Female Coupler | | | | | | | | 1 | |
| 54169 | 54169 | 1/4" (6.4 mm) Male Coupler without Dust Cap | | | | 1 | 2 | 1 | 1 | | |
| 54170 | 54170 | 1/4" (6.4 mm) Dust Cap for Male Coupler | | | | 1 | 2 | 1 | 1 | | |
| 4018GB | 50807 | 3/8" (9.6 mm) Female Coupler with Dust Cap | | | | | | | | | 1 |
| 4033GB | 50823 | 3/8" (9.6 mm) Male Coupler with Dust Cap | | | 2 | 1 | | | | | 1 |
| 41877 | 41877 | 3/8" (9.6 mm) Female Coupler without Dust Cap | 1 | 1 | | | | | | | |
| 41941 | 41941 | 3/8" (9.6 mm) Male Coupler without Dust Cap | 1 | 1 | | | | | | | |
| 41834 | 41834 | 3/8" (9.6 mm) Dust Cap for 41941/41877 Couplers | 2 | 2 | | | | | | | |



POWER TOOL ACCESSORIES

GREENLEE DELIVERS POWER TOOL ACCESSORIES THAT ARE SECOND-TO-NONE IN THE INDUSTRY. FROM THE DOUBLE-FLUTE CUTTING POWER OF KWIK STEPPER® STEP BITS TO REPLACEABLE TIP NAIL EATER® AUGER BITS, GREENLEE POWER TOOL ACCESSORIES CUT FASTER, LAST LONGER, AND IMPROVE YOUR PRODUCTIVITY ON THE JOBSITE. GET THROUGH IT WITH GREENLEE.

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DRILL/TAPS

Electrician's Drill/Driver Set

**NEW
PRODUCT**



- 1/4" Quick Change technology.
- Professional grade driver bits.
- Titanium Nitride coated self-centering high speed drill bits.
- High quality shock resistant case stays intact even after accidental drops.
- Hammer drill rated carbide grade tips and hardened shank masonry drill bits.
- Hardened forged magnetic nut drivers fit most TapCon® fasteners.
- Quick release chuck with precise fit.
- Includes security bits that fit most security fasteners frequently used in public facilities.

| CAT. NO. | UPC NO. | DESCRIPTION |
|--|---------|--|
| DDKIT-1-68 | 26313 | 68-Piece Electrician's Drill/Driver Kit |
|  EXT-3 | 19194 | Magnetic Bit Extension |
|  HSS-SET | 26317 | High Speed Titanium Coated Drill Bit Set (1/8", 3/16", 1/4") |
|  MAS-SET | 26318 | Masonry Drill Bit Set (5/32", 3/16", 1/4", 3/8") |
|  NDS-SET | 26320 | Magnetic Nut Driver Set (1/4", 5/16", 3/8") |
|  QCS-1 | 26312 | 1/4" Quick Change Chuck |
|  SBSET-1-14 | 19205 | Security Driver Bit Set (Spanner Security Bits-#6, #8, #10, #12, Torx Security Bits-T10, T15, T20, T25, T27, T30, Hex Security Bits-1/8", 9/64", 5/32", 3/16") |



VIDEO

A PRODUCT VIDEO IS AVAILABLE. SCAN THIS QR CODE OR VISIT:
www.youtube.com/GreenleeDEMO



| SPECIFICATIONS | DDKIT-1-68 | EXT-3 | HSS-SET | MAS-SET |
|----------------|--------------------|------------------|-----------------|------------------|
| Length | 12.32" (313 mm) | 5.88" (149 mm) | 7.88" (200 mm) | 7.88" (200 mm) |
| Width | 10.75" (273 mm) | 2.88" (73 mm) | 5.50" (139 mm) | 5.50" (139 mm) |
| Height | 1.95" (49 mm) | .84" (21 mm) | .77" (19 mm) | .77" (19 mm) |
| Weight | 2.35 lbs (1.06 kg) | .07 lbs (.03 kg) | .2 lbs (.09 kg) | .28 lbs (.13 kg) |



| SPECIFICATIONS | NDS-SET | QCS-1 | SBSET-1-14 |
|----------------|------------------|-----------------|------------------|
| Length | 5.88" (149 mm) | 5.88" (149 mm) | 6.88" (174 mm) |
| Width | 2.88" (73 mm) | 2.88" (73 mm) | 3.88" (98 mm) |
| Height | .82" (20 mm) | .84" (21 mm) | 1.47" (37 mm) |
| Weight | .19 lbs (.09 kg) | .1 lbs (.12 kg) | .26 lbs (.12 kg) |

Combination Drill/Tap Bits



DTAPKITM

- Complete hole drilling, tapping and deburring/countersinking in one operation with power drill saves labor and time.
- Back tapered beyond tap to prevent thread damage from over-drilling.
- Deburr/countersink also provided on bit beyond back taper.
- Made from hardened high-speed steel vs. carbon steel for longer life.
- High quality hex shank to ensure strong connection to drill chuck.
- Designed to tap up to 10-gauge metal.
- Quick change adaptor included in both metric and standard kits.

SPECIFICATIONS

| | |
|---------------------------|-------------------------------------|
| Material thickness | Up to 10 gauge |
| Material type | Mild steel, copper, brass, aluminum |
| Shank | 1/4" quick change hex |
| Drill Material | High-speed steel |
| Drill point | Split point with web thinning |

| CAT. NO. | UPC NO. | DESCRIPTION | DTAPKIT | DTAPKITM |
|---------------------|---------|--------------------------------------|---------|----------|
| DTAPKITM | 12151 | M3-M10 6 Piece Drill/Tap Set | | |
| DTAPKIT | 17620 | 6-32 to 1/4-20 6-piece Drill Tap Set | | |
| R DTAP6-32 | 17611 | 6-32NC Drill/Tap Bit | ✓ | |
| R DTAP8-32 | 17612 | 8-32NC Drill/Tap Bit | ✓ | |
| R DTAP10-24 | 17613 | 10-24NC Drill/Tap Bit | ✓ | |
| R DTAP10-32 | 17614 | 10-32NF Drill/Tap Bit | ✓ | |
| R DTAP12-24 | 17615 | 12-24NC Drill/Tap Bit | ✓ | |
| R DTAP1/4-20 | 17616 | 1/4-20NC Drill/Tap Bit | ✓ | |
| DTAP5/16-18 | 11627 | 5/16-18NC Drill/Tap Bit | | |
| DTAP3/8-16 | 11628 | 3/8-16NC Drill/Tap Bit | | |
| R DTAPM3C | 12160 | M3 X .50 Drill/Tap Bit | | ✓ |
| R DTAPM4C | 12161 | M4 X .70 Drill/Tap Bit | | ✓ |
| R DTAPM5C | 12162 | M5 X .80 Drill/Tap Bit | | ✓ |
| R DTAPM6C | 12163 | M6 X 1.00 Drill/Tap Bit | | ✓ |
| R DTAPM8C | 12164 | M8 X 1.25 Drill/Tap Bit | | ✓ |
| R DTAPM10C | 12165 | M10 X 1.50 Drill/Tap Bit | | ✓ |



NOTE: TO EXTEND THE LIFE OF YOUR TOOL, SEE CUTTING/THREADING OIL ON PAGE 139.

STEP BITS

Kwik Stepper® Step Bits



- Unique split-tip design penetrates through steel faster.
- Resists walking or skidding, even on round surfaces.
- Balanced, double-flute construction requires less pressure, does the work for you.
- Designed and manufactured in USA.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------|
| 35884 | 35884 | Kwik Stepper® Step Bit Kit |
| 03607 | 03607 | Kwik Stepper® Step Bit Kit |

WEIGHT

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------|---------|----------------------------|--------|-----|
| | | | LBS. | KG. |
| 34401 | 34401 | 1/2" Multi-Hole Step Bit | • | • |
| 34403 | 34403 | 7/8" Multi-Hole Step Bit | • | • |
| 30008 | 30008 | 1-1/8" Multi-Hole Step Bit | | • |
| 35936 | 35936 | Plastic Case | • | • |

SPECIFICATIONS







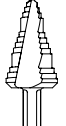

Hole Sizes From 1/8" through 1-3/8" (3.2 - 34.9 mm)
Capacity Cut up through 3/8" (9.5 mm) mild steel, copper, brass, aluminum, wood, plastic and laminates



Single-hole bits are designed to drill one indicated hole size through a series of steps from bit tip to full size.

Multi-hole bits allow you to drill a hole in any of the stated diameters.

SIZE

| | |  |  |  |  |  |  |  |  | METRIC | | |
|----------------------------|------|---|---|---|---|---|---|---|---|------------------------|------------------------|---------------------|
| | | 1/2" (12.7 mm) | 1/2" (12.7 mm) | 1/2" (12.7 mm) | 13/16" (20.6 mm) | 7/8" (22.2 mm) | 7/8" (22.2 mm) | 1-1/8" Electrician's Step Bit | 1-3/8" (34.9 mm) | 9.7 mm (.382") | 30.5 mm (1.201") | 32.5 mm (1.280") |
| | | Single-Hole Step Bit | Multi-Hole Step Bit | Multi-Hole Step Bit | Multi-Hole Step Bit | Single-Hole Step Bit | Multi-Hole Step Bit | Step Bit | Multi-Hole Step Bit | Multi-Hole Step Bit | Multi-Hole Step Bit | |
| CAT/UPC NO. | | 34410 | 34401 | 36402 | 30005 | 34411 | 34403 | 30008 | 36414 | 36018 | 36020 | 36022 |
| Inches | mm | | | | | | | | | | | |
| 1/8 | 3.2 | | ✓ | | | | | | | | | |
| 5/32" | 4.0 | | ✓ | | | | | | | | | |
| 3/16" | 4.8 | | ✓ | ✓ | ✓ | | ✓ | | | | | |
| 7/32" | 5.6 | | ✓ | | | | | | | | | |
| 1/4" | 6.4 | | ✓ | ✓ | ✓ | | ✓ | | | | | |
| 9/32" | 7.1 | | ✓ | | | | | | | | | |
| 5/16" | 7.9 | | ✓ | ✓ | ✓ | | ✓ | | | | | |
| 11/32" | 8.7 | | ✓ | | | | | | | | | |
| 3/8" | 9.5 | | ✓ | ✓ | ✓ | | ✓ | | | | | |
| 0.382" | 9.7 | | | | | | | | | | ✓ | |
| 13/32" | 10.3 | | ✓ | | | | | | | | | |
| 7/16" | 11.1 | | ✓ | ✓ | ✓ | | ✓ | | | | | |
| 15/32" | 11.9 | | ✓ | | | | | | | | | |
| 0.492" | 12.5 | | | | | | | | | | ✓ Pg-7 | |
| 1/2" | 12.7 | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | | |
| 9/16" | 14.3 | | | | ✓ | | ✓ | | | | | |
| 0.598" | 15.2 | | | | | | | | | | ✓ Pg-9 | |
| 5/8" | 15.9 | | | | ✓ | | ✓ | | | | | |
| 0.638" | 16.2 | | | | | | | | | | | ✓ ISO-16 |
| 11/16" | 17.5 | | | | ✓ | | ✓ | | | | | |
| 0.732" | 18.6 | | | | | | | | | | ✓ Pg-11 | |
| 3/4" | 19.1 | | | | ✓ | | ✓ | | | | | |
| 0.803" | 20.4 | | | | | | | | | | ✓ Pg-13 | ✓ ISO-20 |
| 13/16" | 20.6 | | | | ✓ | | ✓ | | | | | |
| 7/8" | 22.2 | | | | | ✓ | ✓ | ✓ | ✓ | | | |
| 0.886" | 22.5 | | | | | | | | | | ✓ Pg-16 | |
| 1.00" | 25.4 | | | | | | | | | | | ✓ ISO-25 |
| 1.114" | 28.3 | | | | | | | | | | ✓ Pg-21 | |
| 1-1/8" | 28.6 | | | | | | | ✓ | ✓ | | | |
| 1.201" | 30.5 | | | | | | | | ✓ | | | |
| 1-7/32" | 31.0 | | | | | | | | ✓ | | | |
| 1-1/4" | 31.8 | | | | | | | | ✓ | | | |
| 1.280" | 32.5 | | | | | | | | | | | ✓ ISO-32 |
| 1-3/8" | 34.9 | | | | | | | | ✓ | | | |
| Overall Length | | 1-7/8" (47.6 mm) | 3-3/8" (85.7 mm) | 3-7/16" (87.3 mm) | 3-7/16" (87.3 mm) | 2-7/16" (61.9 mm) | 3-9/16" (90.5 mm) | 2-15/16" (74.6 mm) | 3-1/8" (79.4 mm) | 1-7/8" (47.6 mm) | 3-3/4" (95.3 mm) | 3-3/8" (85.7 mm) |
| Minimum Chuck Size | | 3/8" (9.5 mm) | 3/8" (9.5 mm) | 3/8" (9.5 mm) | 3/8" (9.5 mm) | 3/8" (9.5 mm) | 3/8" (9.5 mm) | 3/8" (9.5 mm) | 3/8" (9.5 mm) | 3/8" (9.5 mm) | 3/8" (9.5 mm) | 3/8" (9.5 mm) |
| Maximum Material Thickness | | 10 gauge (3.5 mm) | 10 gauge (3.5 mm) | 3/8" (9.5 mm) | 10 gauge (3.5 mm) | 10 gauge (3.5 mm) | 10 gauge (3.5 mm) | 10 gauge (3.5 mm) | 10 gauge (3.5 mm) | 10 gauge (3.5 mm) | 1/4" (6.4 mm) | 1/4" (6.4 mm) |
| Bit Extension | | 901 | 901 | 901 | 901 | — | — | — | — | 901 | — | — |

AUGER BITS

Nail Eater® RT

NEW
PRODUCT

REPLACE THE TIP
NOT THE BIT!



- No more resharpening with our quick-change cutting edge and feed screw.
- High quality carbon alloy steel for more durability and longer life.
- Pulls through the wood even after several holes, no pushing to finish.
- Easy pull-back ground shaft.
- Maximum chip removal over the center flute.
- Patented tip design

| CAT NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------|
| 66RT-7/8 | 12555 | Auger Bit 7/8" x 18 |
| 66RT-1 | 12556 | Auger Bit 1" x 18 |
| 63RT-7/8 | 12558 | Auger Bit 7/8" x 8-5/8 |
| 63RT-1 | 12559 | Auger Bit 1" x 8-5/8 |
| PTR-7/8 | 12561 | Replacement Kit 7/8" |
| PTR-1 | 12562 | Replacement Kit 1" |



VIDEO

A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:
www.youtube.com/GreenleeDEMO

NO MORE RE-SHARPENING!

Easy & Fast to Replace in the Field. Get Back to Work in Seconds.



1 Insert Cutting Edge...



2 Insert Feed Screw...



3 Tighten Set Screw.

Auger Bit
Replacement Kit
(PTR-7/8 shown)



Nail Eater® Extreme

IMPROVED
CUTTING EDGE



- Improved cutting edge provides 30% longer life span.
- Patented new design for improved cutting and cleaner holes.
- Self-feeding screw point draws bit through wood.
- Patented Pending, cutting angle design- smoother starts, reduced cutting loads.
- Made of super tough, heat-treated steel; cuts through nails and provides longer life.
- “Shorty” bits - for working in tight places, yet still can go through three abutting 2 x 4s.
- See “Bit Extensions” if more length is required (see page 84).
- P.O.P packaged

SPECIFICATIONS

NAIL EATER® EXTREME SHORTY

| | |
|----------------------------------|---|
| Overall Length | 7-5/8" (193.7 mm) |
| Twist Length | 5" (127 mm) |
| Electrical drill required | 61 PTS - 5/8 through 61 PTS - 1, minimum 3/8" drill; All Big Shank, 1/2" drill. |

NAIL EATER® EXTREME

| | |
|-----------------------|----------------|
| Overall Length | 18" (457.2 mm) |
| Twist Length | 15" (381 mm) |

NAIL EATER® EXTREME SHORTY

| CAT. NO. | POP UPC NO. | BULK UPC NO. | HOLE DIA. | | HEX SHANK | | WEIGHT | |
|----------------|-------------|--------------|-----------|------|-----------|------|--------|-----|
| | | | INCH | MM | INCH | MM | LBS | G |
| 61PTS-5/8 | 30419 | — | 5/8 | 15.9 | 5/16 | 7.9 | .3 | 137 |
| 61PTS-3/4 | 30423 | — | 3/4 | 19.1 | 5/16 | 7.9 | .4 | 182 |
| 61PTS-7/8 | 30427 | — | 7/8 | 22.2 | 5/16 | 7.9 | .5 | 227 |
| 61PTS-1 | 30429 | — | 1 | 25.4 | 5/16 | 7.9 | .8 | 363 |
| 62PTS-5/8 | 31788 | — | 5/8 | 15.9 | 7/16 | 11.1 | .3 | 137 |
| 62PTS-11/16 | 31790 | — | 11/16 | 17.5 | 7/16 | 11.1 | .4 | 182 |
| 62PTS-3/4 | 31792 | 36640 | 3/4 | 19.1 | 7/16 | 11.1 | .5 | 227 |
| 62PTS-13/16 | 31794 | — | 13/16 | 20.6 | 7/16 | 11.1 | .5 | 227 |
| 62PTS-7/8 | 31796 | 36642 | 7/8 | 22.2 | 7/16 | 11.1 | .6 | 273 |
| 62PTS-1 | 31798 | 36643 | 1 | 25.4 | 7/16 | 11.1 | .7 | 318 |
| 61/62PTS-1-1/8 | 30431 | — | 1-1/8 | 28.6 | 7/16 | 11.1 | .9 | 409 |
| 61/62PTS-1-1/4 | 30433 | — | 1-1/4 | 31.8 | 7/16 | 11.1 | 1.1 | 499 |

NAIL EATER® EXTREME

| CAT. NO. | POP UPC NO. | BULK UPC NO. | HOLE DIA. | | HEX SHANK | | WEIGHT | |
|------------|-------------|--------------|-----------|------|-----------|------|--------|------|
| | | | INCH | MM | INCH | MM | LBS | G |
| 66PT-1/2 | 30915 | — | 1/2 | 12.7 | 5/16 | 7.9 | .7 | 318 |
| 66PT-5/8 | 30919 | — | 5/8 | 15.9 | 7/16 | 11.1 | .8 | 363 |
| 66PT-11/16 | 30921 | — | 11/16 | 17.5 | 7/16 | 11.1 | 1 | 454 |
| 66PT-3/4 | 30923 | 36659 | 3/4 | 19.1 | 7/16 | 11.1 | 1.2 | 545 |
| 66PT-13/16 | 30925 | — | 13/16 | 20.6 | 7/16 | 11.1 | 1.2 | 545 |
| 66PT-7/8 | 30927 | 36662 | 7/8 | 22.2 | 7/16 | 11.1 | 1.5 | 681 |
| 66PT-15/16 | 30929 | — | 15/16 | 23.8 | 7/16 | 11.1 | 1.6 | 726 |
| 66PT-1 | 30931 | 36664 | 1 | 25.4 | 7/16 | 11.1 | 1.8 | 817 |
| 66PT-1-1/8 | 30935 | — | 1/8 | 28.6 | 7/16 | 11.1 | 2.3 | 1044 |
| 66PT-1-1/4 | 30937 | — | 1-1/4 | 31.8 | 7/16 | 11.1 | 2.8 | 1270 |

Nail Eater® Extreme Impact Bits

IMPROVED
CUTTING EDGE



- Quickly bore through creosoted and salt-treated utility poles.
- Resists wear, eats through nails and staples.
- Self-feeding screw point draws the bit through the wood.
- 7/16" hex shank to fit impact drivers.
- Available in 18" overall length.

NAIL EATER® EXTREME

| CAT. NO. | POP UPC NO. | HARDWARE DIAMETER | | HOLE DIA. DIAMETER | | OVERALL LENGTH | | HEX SHANK | | WEIGHT | |
|----------|-------------|-------------------|------|--------------------|------|----------------|-------|-----------|------|--------|-----|
| | | INCH | MM | INCH | MM | INCH | MM | INCH | MM | LBS | G |
| 37868 | 37868 | 9/16 | 14.3 | 5/8 | 15.9 | 18 | 457.2 | 7/16 | 11.1 | 0.9 | 409 |
| 37869 | 37869 | 11/16 | 17.5 | 3/4 | 19.1 | 18 | 457.2 | 7/16 | 11.1 | 1.1 | 499 |
| 37870 | 37870 | 13/16 | 20.6 | 7/8 | 22.2 | 18 | 457.2 | 7/16 | 11.1 | 1.4 | 636 |
| 37871 | 37871 | 15/16 | 23.8 | 1 | 25.4 | 18 | 457.2 | 7/16 | 11.1 | 1.5 | 681 |

Nail Eater® Extreme Black Utility Auger Bits



- Teflon® coating resists heat and friction for fast and smooth operation.
- Patented cutting edge cuts nails and staples so the bits last longer over time.
- Over center flute design evacuates chips faster, no clogging or chip flyback.
- Less power required to drill holes – extending battery life by up to 30% .
- Made in the USA.

| CAT. NO. | UPC NO. | DESCRIPTION | QTY. |
|------------|---------|---|------|
| 66TF-9/16 | 02004 | IMPACT AUGER BIT, TF-9/16" x 18" (POP) | 1 |
| 66TF-11/16 | 02005 | IMPACT AUGER BIT, TF-11/16" x 18" (POP) | 1 |
| 66TF-13/16 | 02006 | IMPACT AUGER BIT, TF-13/16" x 18" (POP) | 1 |
| 66TF-15/16 | 02007 | IMPACT AUGER BIT,TF-15/16" x 18" (POP) | 1 |

SPECIFICATIONS

| | | |
|--------------|--|---------------------|
| 9/16 | 18" X 1.5" X 1.5" (47.52 cm X 3.81cm X 3.81cm) | 0.8 lbs (362.87 g) |
| 11/16 | 18" X 1.5" X 1.5" (47.52 cm X 3.81cm X 3.81cm) | 1.05 lbs (476.27 g) |
| 13/16 | 18" X 1.5" X 1.5" (47.52 cm X 3.81cm X 3.81cm) | 1.3 lbs (589.67 g) |
| 15/16 | 18" X 1.5" X 1.5" (47.52 cm X 3.81cm X 3.81cm) | 1.75 lbs (793.78 g) |

Stubby Auger Wood Bits



60A-3/4

- Over center single flute design for cleaner holes and less splintering.
- Unique cutting edge design for fast and smooth cutting action.
- Shorter than the top competitor's bit for better access to tight spaces between studs and joists.
- Perfect for drilling 2" and 4" joists.
- Augers have self-feeding screw point that draws bit through all wood types with less operator fatigue.
- Eliminates the need for special tools such as expensive right angle drills or multiple steps to cut the hole to size.
- 1/4" hex quick change design for fast and easy use in all drill types.
- Clearly marked with bit diameter and catalog number on shank for easy identification.

| CAT. NO. | UPC NO. | HOLE DIA. DIAMETER | | OVERALL LENGTH | | WEIGHT | |
|----------|---------|--------------------|------|----------------|-----|--------|-----|
| | | INCH | MM | INCH | MM | LBS | G |
| 60A-5/8 | 12416 | 5/8 | 15.9 | 4.5 | 144 | 0.3 | 118 |
| 60A-3/4 | 12417 | 3/4 | 19.1 | 4.5 | 144 | 0.3 | 136 |
| 60A-7/8 | 12418 | 7/8 | 22.2 | 4.5 | 144 | 0.3 | 149 |
| 60A-1 | 10538 | 1 | 25.4 | 4.5 | 144 | 0.4 | 199 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------|
| 60A-5/8 | 12416 | 5/8" Stubby Auger Wood Bit |
| 60A-3/4 | 12417 | 3/4" Stubby Auger Wood Bit |
| 60A-7/8 | 12418 | 7/8" Stubby Auger Wood Bit |
| 60A-1 | 10538 | 1" Stubby Auger Wood Bit |



Long Auger Wood Bits



**Not a Nail Eater – should not be used in wood with nails or other hard objects*

- Fast easy drilling of clean holes, especially in salt treated utility poles.
- Made from hardened alloy steel for added toughness
- The self-feeding threaded screw point draws the bit completely through the wood – no need to push the bit while drilling
- Over center flute for evacuating chips
- Shaft is straightened for fewer vibrations to the hand and to help control the quality of the hole
- Cutting edge can be re-sharpened multiple times and continues to self feed
- 7/16" Hex Shank with easy to fit quick change groove for Impact Drivers

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|------------------------------------|
| 70PT-11/16 | 11097 | 11/16" x 24" Impact Auger Wood Bit |
| 71PT-11/16 | 11100 | 11/16" x 30" Impact Auger Wood Bit |
| 70PT-13/16 | 11098 | 13/16" x 24" Impact Auger Wood Bit |
| 71PT-13/16 | 11101 | 13/16" x 30" Impact Auger Wood Bit |
| 70PT-15/16 | 11099 | 15/16" x 24" Impact Auger Wood Bit |
| 71PT-15/16 | 11102 | 15/16" x 30" Impact Auger Wood Bit |

Bit Extensions



- Extend bit lengths - Holesaw arbors, spade bits, Nail Eater II® bits, Electrician's bits and Step bits.
- Use for boring deeper in wood.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------------|---------|--|
| R 3713GB | 50962 | Set Screw for 901-12/02706 |
| R 3678GB | 50753 | Set Screw for 902-18/02707 and 902-24/02708 |
| R 3693GB | 50765 | Set Screw for 904-5-1/2/34996 |
| R 53892 | 53892 | Set Screw for 904H-12/34980, 904H-18/35356 and 904H-24/35358 |

| CAT. NO. | UPC NO. | LENGTH | | HEX SHANK | | HOLE DIAMETER | | HEAD DIAMETER | | WEIGHT | |
|-----------|---------|--------|-------|-----------|------|---------------|------|---------------|------|--------|------|
| | | INCH | MM | INCH | MM | INCH | MM | INCH | MM | LBS | G |
| 901-12 | 02706 | 12 | 304.8 | 1/4 | 6.4 | 1/4 | 6.4 | 9/16 | 14.3 | 1.4 | 636 |
| 902-18 | 02707 | 18 | 457.2 | 5/16 | 7.9 | 23/64 | 9.1 | 21/32 | 16.7 | 2.5 | 1134 |
| 902-24 | 02708 | 24 | 609.6 | 5/16 | 7.9 | 23/64 | 9.1 | 21/32 | 16.7 | 3.4 | 1543 |
| 904-5-1/2 | 34996 | 5-1/2 | 139.7 | 7/16 | 11.1 | 1/2 | 12.7 | 1 | 25.4 | 2.1 | 953 |
| 904H-12 | 34980 | 12 | 304.8 | 7/16 | 11.1 | ** | | 23/32 | 18.3 | 2.9 | 1316 |
| 904H-18 | 35356 | 18 | 457.2 | 7/16 | 11.1 | ** | | 23/32 | 18.3 | 4.3 | 1951 |
| 904H-24 | 35358 | 24 | 609.6 | 7/16 | 11.1 | ** | | 23/32 | 18.3 | 5 | 2268 |

**For 7/16" Hex or 1/2" Round with 3 Flats, 1/4" Wide

E-Z Bore Self-Feed Bits

NEW PRODUCT



- Double-end replaceable screw point. Choose the right feed for the material you are drilling. Fine thread for hardwoods, coarse thread for fast, effortless drilling even in soft, gummy woods.
- Tapered backside for easier removal.
- Open design won't clog with wood chips.
- Three milled flats for use in portable electric or pneumatic drills and stationary boring machines.
- Shank size = 7/16"



E-Z BORE SELF-FEED BITS

| CAT. NO. | UPC NO. | PIPE & CONDUIT SIZE | HOLE DIA. | | LENGTH | | WEIGHT | |
|--------------|---------|---------------------|-----------|-------|--------|-------|--------|------|
| | | | INCH | MM | INCH | MM | LBS. | KG |
| 149H2-1 | 01247 | 1/2" | 1" | 25.4 | 5" | 127.0 | 0.3 | 137 |
| 149H2-1-1/8 | 01250 | 1/2" | 1-1/8" | 28.6 | 5" | 127.0 | 0.3 | 137 |
| 149H2-1-1/4 | 01249 | 3/4" | 1-1/4" | 31.8 | 5" | 127.0 | 0.3 | 137 |
| 149H2-1-3/8 | 01252 | 3/4" | 1-3/8" | 34.9 | 5" | 127.0 | 0.4 | 182 |
| 149H2-1-1/2 | 01248 | 1" | 1-1/2" | 38.1 | 5" | 127.0 | 0.4 | 182 |
| 149H2-1-3/4 | 01251 | 1-1/4" | 1-3/4" | 44.4 | 5" | 127.0 | 0.5 | 227 |
| 149H2-2 | 01257 | 1-1/4" | 2" | 50.8 | 5" | 127.0 | 0.6 | 273 |
| 149H2-2-1/8 | 01260 | 1-1/2" | 2-1/8" | 54 | 5" | 127.0 | 0.7 | 318 |
| 149H2-2-1/4 | 01258 | 1-1/2" | 2-1/4" | 57.2 | 5" | 127.0 | 0.7 | 318 |
| 149H2-2-9/16 | 01261 | 2" | 2-9/16" | 65.1 | 5" | 127.0 | 0.8 | 363 |
| 149H2-3 | 01262 | 2-1/2" | 3" | 76.2 | 5" | 127.0 | 1.1 | 499 |
| 149H2-3-5/8 | 01263 | 3" | 3-5/8" | 92.1 | 6-1/4" | 158.8 | 2.1 | 953 |
| 149H2-4-5/8 | 01272 | 4" | 4-5/8" | 117.5 | 6-1/4" | 158.8 | 2.6 | 1179 |

E-Z BORE SELF-FEED BITS

| CAT. NO. | UPC NO. | DESCRIPTION | HEX SHANK SIZE | | HOLE DIA. | | WEIGHT | |
|-------------|---------|---------------|----------------|------|-----------|-------|--------|-----|
| | | | INCH | MM | INCH | MM | LBS. | KG |
| 904H2-5-1/2 | 01266 | Bit Extension | 7/16" | 11.1 | 5-1/2" | 140.0 | 0.3 | 137 |

E-Z BORE SELF-FEED BITS

| CAT. NO. | UPC NO. | DESCRIPTION | SCREW POINT SIZE | | HOLE DIA. | | WEIGHT | |
|---|---------|-------------|------------------|-----|-----------|------|--------|----|
| | | | INCH | MM | INCH | MM | LBS. | KG |
|  149H2-1/4 | 01254 | Screw Point | 1/4" | 6.4 | 2" | 50.8 | 0.1 | 45 |
|  149H2-3/8 | 01271 | Screw Point | 3/8" | 9.5 | 2-3/4" | 69.9 | 0.1 | 45 |

E-Z Bore Self-Feed Bits Kit

NEW PRODUCT

149H2KIT
Contractor Bit Kit



- Complete assortment of the most commonly used E-Z Bore® bits.
- High-impact, rugged plastic carrying case.
- Full complement of accessories conveniently stored.

E-Z BORE SELF-FEED BIT KIT

| CAT. NO. | UPC NO. | DESCRIPTION | PIPE & CONDUIT SIZE | HOLE DIA. | | WEIGHT | |
|----------|---------|--------------------|---------------------|---------------|--------------|--------|------|
| | | | | INCH | MM | LBS. | KG |
| 149H2KIT | 01273 | Contractor Bit Kit | 1/2" to 2" | 1" to 2-9/16" | 25.4 to 65.1 | 6.0 | 2.72 |
| 34997 | 34997 | Plastic Case | | | | | |

SPADE BITS

Self-Feeding Spade Bits



34AR6



Bore hardwood, softwood, plywood and drywall.

- Innovative self-feeding design requires less effort and reduces vibration.
- Unique tapered design allows existing hole enlargement.
- 1/4" Quick change hex shank.
- Forged and heat treated for long life.
- For use in 1/4" (6.4 mm) or larger power drills.
- Hole in top center of bit for wire pulling.
- See "Bit Extensions" (page 84) if more length required.
- P.O.P. Packaged.

SPADE BIT KIT

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------|---------|----------------------------------|--------|--------|
| | | | LBS. | G |
| 34AR-6 | 03710 | Self-Feeding Spade Bit Kit (6PC) | .83 | 376.48 |

34A SPADE BITS – LENGTH 6-1/4" (158.8 MM)

| CAT. NO. | UPC NO. | HOLE DIAMETER | | HEX SHANK | | WEIGHT | | KIT CAT./UPC NO. |
|----------|---------|---------------|------|-----------|-----|--------|------|------------------|
| | | INCH | MM | INCH | MM | LBS. | G | 34AR-6/ 03710 |
| 34A-3/8 | 03711 | 3/8 | 9.5 | 1/4 | 6.4 | .09 | 40.8 | 1 |
| 34A-1/2 | 03712 | 1/2 | 12.7 | 1/4 | 6.4 | .1 | 45.3 | 1 |
| 34A-5/8 | 03713 | 5/8 | 15.9 | 1/4 | 6.4 | .1 | 45.3 | 1 |
| 34A-3/4 | 03714 | 3/4 | 19.1 | 1/4 | 6.4 | .1 | 45.3 | 1 |
| 34A-7/8 | 03715 | 7/8 | 22.2 | 1/4 | 6.4 | .12 | 54.4 | 1 |
| 34A-1 | 03716 | 1 | 25.4 | 1/4 | 6.4 | .12 | 54.4 | 1 |

Spade Bits



Bore hardwood, softwood, plywood and drywall.

- Forged and heat treated for long life.
- For use in 1/4" (6.4 mm) or larger power drills.
- Hole in top center of bit for wire pulling.
- See "Bit Extensions" (page 84) if more length required.
- P.O.P. Packaged.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------|---------|---------------------------|--------|-----|
| | | | LBS. | G |
| 33AR-6 | 20364 | Spade Bit Kit (see chart) | 0.6 | 272 |

33A SPADE BITS – LENGTH 6-1/4" (158.8 MM)

| CAT. NO. | UPC NO. | HOLE DIAMETER | | HEX SHANK | | WEIGHT | | KIT CAT./UPC NO. 33AR-6/ 20364 |
|-----------|---------|---------------|------|-----------|-----|--------|------|--------------------------------------|
| | | INCH | MM | INCH | MM | LBS | G | |
| 33A-1/4 | 20344 | 1/4 | 6.4 | 1/4 | 6.4 | .05 | 23.0 | |
| 33A-3/8 | 20346 | 3/8 | 9.5 | 1/4 | 6.4 | .09 | 40.8 | 1 |
| 33A-1/2 | 20348 | 1/2 | 12.7 | 1/4 | 6.4 | .1 | 45.3 | 1 |
| 33A-5/8 | 20350 | 5/8 | 15.9 | 1/4 | 6.4 | .1 | 45.3 | 1 |
| 33A-3/4 | 20352 | 3/4 | 19.1 | 1/4 | 6.4 | .1 | 45.3 | 1 |
| 33A-7/8 | 20354 | 7/8 | 22.2 | 1/4 | 6.4 | .12 | 54.4 | 1 |
| 33A-1 | 20357 | 1 | 25.4 | 1/4 | 6.4 | .12 | 54.4 | 1 |
| 33A-1-1/8 | 20358 | 1-1/8 | 28.6 | 1/4 | 6.4 | .15 | 68.0 | |
| 33A-1-1/4 | 20359 | 1-1/4 | 31.8 | 1/4 | 6.4 | .15 | 68.0 | |
| 33A-1-3/8 | 20360 | 1-3/8 | 34.9 | 1/4 | 6.4 | .16 | 72.6 | |
| 33A-1-1/2 | 20361 | 1-1/2 | 38.1 | 1/4 | 6.4 | .16 | 72.6 | |

SPECIFICATIONS

| Length | 33A Spade Bit - 6-1/4" (158.8 mm) |
|--------|-----------------------------------|
| | 33L Spade Bit - 16" (406.4 mm) |



33L SPADE BITS – LENGTH 16" (406.4 MM)

| CAT. NO. | UPC NO. | HOLE DIAMETER | | HEX SHANK | | WEIGHT | |
|-----------|---------|---------------|------|-----------|-----|--------|-----|
| | | INCH | MM | INCH | MM | LBS | G |
| 33L-1/4 | 31535 | 1/4 | 6.4 | 1/4 | 6.4 | .22 | 99 |
| 33L-3/8 | 31536 | 3/8 | 9.5 | 1/4 | 6.4 | .32 | 145 |
| 33L-1/2 | 31537 | 1/2 | 12.7 | 1/4 | 6.4 | .33 | 150 |
| 33L-5/8 | 31539 | 5/8 | 15.9 | 1/4 | 6.4 | .4 | 181 |
| 33L-3/4 | 31540 | 3/4 | 19.1 | 1/4 | 6.4 | .4 | 181 |
| 33L-7/8 | 31541 | 7/8 | 22.2 | 1/4 | 6.4 | .55 | 250 |
| 33L-1 | 31542 | 1 | 25.4 | 1/4 | 6.4 | .33 | 150 |
| 33L-1-1/8 | 31543 | 1-1/8 | 28.6 | 1/4 | 6.4 | .58 | 263 |
| 33L-1-1/4 | 31544 | 1-1/4 | 31.8 | 1/4 | 6.4 | .56 | 254 |
| 33L-1-1/2 | 31545 | 1-1/2 | 38.1 | 1/4 | 6.4 | .6 | 272 |

D'VersiBITS & ACCESSORIES

D'VersiBIT® System



A new twist to an old problem.

These flexible steel drill bits are the right tools for installing wire or cable inside existing walls.

It bends to meet your needs!

Fishing wire or cable through existing walls used to be frustrating and time-consuming, but the D'VersiBIT has made it as simple as bowing the spring steel shaft in the direction you want to drill and turning on the power. Proven in the field to deliver accurate and professional results in many applications. Bits range from 3/16" to 1" (4.8 to 25.4 mm) in diameter and in shaft length from 12" to 72" (304.8 to 1828.8 mm).

The D'VersiBIT® System makes it possible to easily accomplish even complex installations. This patented system attaches a quality drill bit to a long flexible spring steel shaft.

When used with the Placement Tool, this flexibility makes it possible to easily manipulate the bit within walls. After drilling, attach a D'VersiGRIP to the hole in the drill and pull wire or cable back through the wall.



Type M, Masonry



- For drilling in masonry walls and through plaster.
- Recommended for use with Abrasion Shield to reduce friction and abrasion as the shaft turns against masonry.

Type HS, Wood



- Designed for aggressive cutting in all types of wood.
- Made from high-speed steel to ensure long life.
- Replaces Bellhanger bits on 12", 18" and 24" lengths.

| BIT DIAMETER INCH (MM) COLOR CODE | SHAFT LENGTH | | SHAFT DIAMETER | | TYPE M MASONRY | | TYPE HS HIGH SPEED STEEL | |
|---|--------------|--------|----------------|-----|----------------|---------|--------------------------|---------|
| | INCH | MM | INCH | MM | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. |
| 1/4" (6.4 mm) Blue | 12 | 304.8 | 3/16 | 4.8 | — | — | 1412D | 39913 |
| | 18 | 457.2 | 3/16 | 4.8 | — | — | 1418D | 38744 |
| | 24 | 609.6 | 3/16 | 4.8 | — | — | 1424D | 38745 |
| | 36 | 914.4 | 3/16 | 4.8 | — | — | 1436D | 38746 |
| 3/8" (9.5 mm) Black | 12 | 304.8 | 3/16 | 4.8 | — | — | 3812D | 39914 |
| | 24 | 609.6 | 3/16 | 4.8 | — | — | 3824D | 38750 |
| | 36 | 914.4 | 3/16 | 4.8 | — | — | 3836D | 38751 |
| | 54 | 1371.6 | 3/16 | 4.8 | 06-03-54M | 38668 | 3858D | 38752 |
| 1/2" (12.7 mm) Green | 72 | 1828.8 | 3/16 | 4.8 | — | — | 3872D | 38753 |
| | 36 | 914.4 | 3/16 | 4.8 | — | — | 1236D | 38756 |
| | 54 | 1371.6 | 3/16 | 4.8 | — | — | 1258D | 38757 |
| | 72 | 1828.8 | 3/16 | 4.8 | — | — | 1272D | 38758 |
| | 54 | 1371.6 | 1/4 | 6.4 | 08-04-54M | 38678 | | |

D'VersiBIT® System



Type A, Auger



- Wood-type auger bit with screw point.
- Pulls itself through wood, avoids walking or skidding.
- Excellent for drilling in soft woods or through thin sections.
- Slow back-taper allows for easy retrieval.

Type B, Combination with Screw Point



- For aggressive chip removal in many types of woods.
- Screw point for easy starting and pulling through wood.
- With screw point removed, this bit can be ground to function like a standard combination bit.

Type C, Combination



- For drilling in tough woods and thick obstacles.
- Drilling speed relative to pressure applied.
- Chips can be brought easily out of the hole.

| BIT DIAMETER INCH (MM) COLOR CODE | SHAFT LENGTH | | SHAFT DIAMETER | | TYPE A AUGER | | TYPE B COMBINATION WITH SCREW POINT | | TYPE C COMBINATION | |
|---|-----------------|--------|-------------------|-----|-----------------|---------|--|---------|-----------------------|---------|
| | INCH | MM | INCH | MM | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. |
| 1/4" (6.4 mm) Blue | 36 | 914.4 | 5/32 | 4.0 | — | — | — | — | 04-03-36C | 38112 |
| | 54 | 1371.6 | 5/32 | 4.0 | — | — | — | — | 04-03-54C | 38113 |
| | 72 | 1828.8 | 5/32 | 4.0 | — | — | — | — | 04-03-72C | 38114 |
| 3/8" (9.5 mm) Black | 36 | 914.4 | 3/16 | 4.8 | 06-03-36A | 38067 | 06-03-36B | 38092 | 06-03-36C | 38117 |
| | 54 | 1371.6 | 3/16 | 4.8 | 06-03-54A | 38068 | 06-03-54B | 38093 | 06-03-54C | 38118 |
| | 72 | 1828.8 | 3/16 | 4.8 | 06-03-72A | 38069 | 06-03-72B | 38094 | 06-03-72C | 38119 |
| 1/2" (12.7 mm) Green | 36 | 914.4 | 3/16 | 4.8 | 08-03-36A | 38072 | 08-03-36B | 38097 | 08-03-36C | 38122 |
| | 54 | 1371.6 | 3/16 | 4.8 | 08-03-54A | 38073 | 08-03-54B | 38098 | 08-03-54C | 38123 |
| | 72 | 1828.8 | 3/16 | 4.8 | 08-03-72A | 38074 | 08-03-72B | 38099 | 08-03-72C | 38124 |
| 9/16" (14.3 mm) Orange | 36 | 914.4 | 3/16 | 4.8 | 09-03-36A | 38077 | 09-03-36B | 38102 | — | — |
| | 54 | 1371.6 | 3/16 | 4.8 | 09-03-54A | 38078 | 09-03-54B | 38103 | 09-03-54C | 38128 |
| | 72 | 1828.8 | 3/16 | 4.8 | 09-03-72A | 38079 | 09-03-72B | 38104 | 09-03-72C | 38129 |
| 3/4" (19.1 mm) Red | 36 | 914.4 | 1/4 | 6.4 | 12-04-36A | 38082 | — | — | — | — |
| | 54 | 1371.6 | 1/4 | 6.4 | 12-04-54A | 38083 | — | — | 12-04-54C | 38133 |
| | 72 | 1828.8 | 1/4 | 6.4 | 12-04-72A | 38084 | — | — | 12-04-72C | 38134 |
| 1" (25.4 mm) White | 36 | 914.4 | 1/4 | 6.4 | 16-04-36A | 38087 | — | — | — | — |
| | 54 | 1371.6 | 1/4 | 6.4 | 16-04-54A | 38088 | — | — | — | — |
| | 72 | 1828.8 | 1/4 | 6.4 | 16-04-72A | 38089 | — | — | — | — |

D'VersiBIT® Starter Kit



- All the tools to complete a typical wiring job.
- Includes 09-03-54B bit, 712P placement tool and 150 pulling grip.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| DBITKIT | 01630 | D'VersiBIT® Kit with 9/16" Bit, Placement Tool and Grip for Pulling 1/2" OD Wire |

Quick Change D’VersiBIT® System Kit

NEW PRODUCT



- All the same great features as a traditional flexible drill bit, but with even more flexibility and versatility.
- Simplifies the frustrating and time-consuming process of installing wire or cable inside existing walls.
- For use when drilling between studs and joists.
- Can use with any type of bit with a 1/4" quick change hex on it, such as spade bits, auger bits or drill bits for increased application flexibility.
- Replace only the bit as it wears rather than the entire bit and shaft for lower overall cost of ownership.
- Quickly and easily switch from drilling to pulling with the quick change pulling grip. No more fiddling with hooking a pulling grip to the bit.

SPECIFICATIONS

| | Dimensions | Weight |
|----------------|--|------------------|
| 941 | 1.2 x 8.5 x 40.7" (30.5 x 215.9 x 1033.8mm) | 1.67 lbs (.76kg) |
| 941-18 | .85 x 2.75 x 21.75" (21.6 x 69.9 x 5552.4mm) | 0.6 lbs (.27kg) |
| 941-36 | .85 x 2.75 x 39.75" (21.6 x 69.9 x 1009.6mm) | 0.73 lbs (.33kg) |
| 60A-3/4 | 1.25 x 3.75 x 8.25" (31.7 x 95.2 x 209.5mm) | 0.34 lbs (.15kg) |
| 60C-3/4 | 1.06 x 3.75 x 8.25" (26.9 x 95.2 x 209.5mm) | 0.34 lbs (.15kg) |
| 125Q | 9.3 x 3.6 x 1.2" (236 x 91 x 30.5mm) | 0.04 lbs (.02kg) |
| 150Q | 1 x 3.25 x 12" (25.4 x 82.5 x 304.8mm) | 0.12 lbs (.05kg) |
| 168Q | 12 X 3.6 X 1.2" (304 x 91 x 30.5mm) | 0.06 lbs (.03kg) |
| 712P | .8 x 8 x 9.8" (20.3 x 203.2 x 248.9mm) | 0.43 lbs (.19kg) |
| 921 | .5 x 5 x 39.25" (12.7 x 127 x 996.9mm) | 1.15 lbs (.52kg) |
| 921-12 | .5 x 4 x 15" (12.7 x 101.6 x 381mm) | 0.31 lbs (.14kg) |
| 921-18 | 2.25 x 5 x 21.5" (57.1 x 127 x 539.7mm) | 0.68 lbs (.31kg) |
| 921-24 | .5 x 4 x 22.5" (12.7 x 101.6 x 571.5mm) | 1.07 lbs (.48kg) |
| 921-36 | 2.25 x 5 x 39.5" (57.1 x 127 x 1003.3mm) | 0.74 lbs (.33kg) |
| 60A-5/8 | 1.25 x 3.75 x 8.25" (31.7 x 95.2 x 209.5mm) | 0.31 lbs (.14kg) |
| 60A-7/8 | 1.28 x 3.75 x 8.25" (32.5 x 95.2 x 209.5mm) | 0.36 lbs (.16kg) |
| 60A-1 | 1.3 x 3.75 x 8.25" (33 x 95.2 x 209.5mm) | 0.38 lbs (.17kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 941 | 31388 | D’Versibit, Quick Change, Starter Kit |
| 941-18 | 31390 | D’Versibit, Extention 1/4 x 18 (POP) |
| 941-36 | 31389 | D’Versibit, Extention 1/4 x 36 (POP) |
| 60A-3/4 | 12417 | Bit, Auger, Quick Change 3/4A (POP) |
| 60C-3/4 | 31391 | Bit, Auger, Quick Change 3/4C (POP) |
| 125Q | 12791 | Grip, Quick Change 3/8 x 1/4 (POP) |
| 150Q | 12792 | Grip, Quick Change 1/2 x 1/4 (POP) |
| 168Q | 12793 | Grip, Quick Change 3/4 x 1/4 (POP) |
| 712P | 38350 | Tool, Placement (Pkg’d - All Bits) |
| 921 | 12411 | Quick Change Extention System Kit (POP) |
| 921-12 | 12412 | Extension, Quick Change 3/16 x 12 (POP) |
| 921-18 | 12413 | Extension, Quick Change 3/16 x 18 (POP) |
| 921-24 | 12414 | Extension, Quick Change 3/16 x 24 (POP) |
| 921-36 | 12415 | Extension, Quick Change 3/16 x 36 (POP) |
| 60A-5/8 | 12416 | Bit, Auger, Quick Change 60A - 5/8 (POP) |
| 60A-7/8 | 12418 | Bit, Auger, Quick Change 60A - 7/8 (POP) |
| 60A-1 | 10538 | Bit, Auger, Quick Change (1A) (POP) |

Quick Connect Extensions



- Flexible shaft allows easy access to difficult and tight areas
- Convenient 1/4" quick connect receiver accepts most standard quick change accessories.
- Multiple extensions can be easily joined to create the perfect length for any job.
- Capacity: Any 1/4" quick change accessory 3/4" diameter and under.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------------------|
| 921-12 | 12412 | Extension, Quick Change 3/16x12 |
| 921-18 | 12413 | Extension, Quick Change 3/16x18 |
| 921-24 | 12414 | Extension, Quick Change 3/16x24 |
| 921-36 | 12415 | Extension, Quick Change 3/16x36 |
| 125Q | 12791 | Grip, Quick Change 3/8x1/4 |
| 150Q | 12792 | Grip, Quick Change 1/2x1/4 |
| 168Q | 12793 | Grip, Quick Change 3/4x1/4 |
| 60A-3/4 | 12417 | Bit, Auger, Quick Change 3/4A |
| 921 | 12411 | Quick Change Extension System Kit |



SPECIFICATIONS

| EXTENSION | SHAFT LENGTH | | SHAFT DIA. | | WEIGHT | | KIT CAT/UPC NO. |
|-----------|--------------|-------|------------|-----|--------|--------|-----------------|
| | INCH | MM | INCH | MM | LBS. | G | |
| 921-12 | 12 | 304.8 | 3/16 | 4.8 | 0.2 | 90.72 | |
| 921-18 | 18 | 457.2 | 3/16 | 4.8 | 0.25 | 113.4 | 1 |
| 921-24 | 24 | 609.6 | 3/16 | 4.8 | 0.3 | 136.08 | |
| 921-36 | 36 | 914.4 | 3/16 | 4.8 | 0.4 | 181.44 | 1 |

| GRIP | CAPACITY | WEIGHT | | KIT CAT/UPC NO. |
|------|----------|--------|--------|-----------------|
| | | LBS. | G | |
| 125Q | 100lbs | 0.04 | 18.144 | |
| 150Q | 100lbs | 0.05 | 22.68 | 1 |
| 168Q | 100lbs | 0.06 | 27.216 | |

| GRIP | CAPACITY | HEX SHANK | | WEIGHT | | KIT CAT/UPC NO. |
|---------|----------|-----------|------|--------|--------|-----------------|
| | | INCH | MM | LBS. | G | |
| 60A-3/4 | 3/4 | 1/4 | 19.1 | 0.6 | 272.16 | 1 |



Extensions



SPECIFICATIONS

Size 3XT 36, 3XT 54, 3XT 72 - connecting end diameter 7/16" (11.1 mm)
4XT 36, 4XT 54, 4XT 72 - connecting end diameter 5/8" (15.9 mm)

- Sizes for 3/16" (4.8 mm) and 1/4" (6.4 mm) diameter shafts.
- Connect to chuck end of D'VersiBIT® shaft to increase the length of the bit.

| CAT. NO. | UPC NO. | USE WITH | |
|----------|---------|----------------|-----------------|
| | | SHAFT DIA. | LENGTH |
| 3XT 36 | 38685 | 3/16" (4.8 mm) | 36" (914.4 mm) |
| 3XT 54 | 38686 | 3/16" (4.8 mm) | 54" (1371.6 mm) |
| 3XT 72 | 38687 | 3/16" (4.8 mm) | 72" (1828.8 mm) |
| 4XT 36 | 38688 | 1/4" (6.4 mm) | 36" (914.4 mm) |
| 4XT 54 | 38689 | 1/4" (6.4 mm) | 54" (1371.6 mm) |
| 4XT 72 | 38690 | 1/4" (6.4 mm) | 72" (1828.8 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|----------------|
| R 54333 | 54333 | Screws for 3XT |
| R 50753 | 50753 | Screws for 4XT |

Placement Tool



- Allows placement of the drill bit at any point within the wall.
- Helpful in judging where the bit will be during drilling to avoid accidentally drilling through the wall.
- Useful for vertical and horizontal placements.

SPECIFICATIONS

Function Use to position all bit and shaft sizes.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------|
| 712P | 38350 | D'VersiBIT® Placement Tool |

Wire and Cable Pulling Grips



- Grip can attach to standard D'Versibit® or to any standard 1/4" Quick Connect adapter.
- Swivel design reduces twisting.
- Mesh design holds wire or cable during pull.
- Capacity: 100 lbs. pulling force.

SPECIFICATIONS

Function For pulling wire, cable or fish tape through walls.
Pulling Strength 100 lbs.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 125Q | 12791 | Quick Change Grip for Pulling Single Wire with 3/8" to 1/2" (9.5 mm to 12.7 mm). |
| 150Q | 12792 | Quick Change Grip for Pulling 1/2" (12.7 mm) OD Wire with 1/2" to 9/16" (12.7 to 14.3 mm). |
| 168Q | 12793 | Quick Change Grip for Pulling 3/4" (19.1 mm) OD Wire with 3/4" to 1" (19.1 to 25.4 mm). |

Abrasion Shield



SPECIFICATIONS

Function Protects shaft and hand while drilling with any size or type D'VersiBIT®.
Length 48" (1219.2 mm)

- Tube fits both shaft sizes.
- Prevents insulation from wrapping around bit shaft.
- Protects shaft of masonry bits as they turn against masonry walls.
- Protects hand holding shaft during drilling.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------|
| 606AS | 38696 | Abrasion Shield |

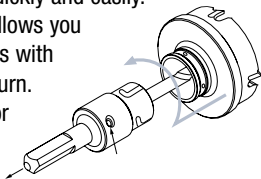
STEEL HOLE CUTTERS

Quick Change Stainless Steel Hole Cutters

**NEW
PRODUCT**



- Cuts stainless steel quickly and easily.
- Quick Change arbor allows you to change cutter heads with a simple push and a turn. Use the same arbor for different size cutting heads.
- Removable cutter heads available in sizes from 5/8" through 3".
- Flange stop prevents over-drilling.
- Ejector spring on all sizes above 3/4" makes removal of slug easier.
- Replaceable, cobalt-steel pilot drill with split-point tip to prevent walking.
- Precision carbide teeth for optimum performance and durability.
- Minimum chuck size of 3/8"
- Precision engineered and manufactured... no annoying chattering and squealing while cutting.
- Improved carbide quality for more durability and longer life.



INDIVIDUAL CARBIDE-TIPPED HOLE CUTTERS

| CAT. NO. | UPC NO. | SIZE | | CONDUIT SIZE | MIN. CHUCK SIZE | | KIT CAT. NO. 660/UPC NO. | KIT CAT. NO. 655/UPC NO. |
|------------|---------|--------|------|--------------|-----------------|-----|--------------------------|--------------------------|
| | | INCH | MM | | INCH | MM | | |
| 645-5/8 | 05691 | 5/8 | 15.8 | | 3/8 | 9.5 | | |
| 645-11/16 | 05692 | 11/16 | 17.5 | | 3/8 | 9.5 | | |
| 645-3/4 | 05693 | 3/4 | 19.0 | | 11 | 3/8 | 9.5 | |
| 645-13/16 | 05694 | 13/16 | 20.6 | | 13 | 20 | 3/8 | 9.5 |
| 645-7/8 | 05695 | 7/8 | 22.2 | 1/2" | | | 3/8 | 9.5 |
| 645-1 | 05696 | 1 | 25.4 | | | 25 | 3/8 | 9.5 |
| 645-1-1/16 | 05957 | 1-1/16 | 27.0 | | | | 3/8 | 9.5 |
| 645-1-1/8 | 05697 | 1-1/8 | 28.6 | 3/4" | 21 | | 3/8 | 9.5 |
| 645-1-7/32 | 05698 | 1-7/32 | 31.0 | | | | 3/8 | 9.5 |
| 645-1-1/4 | 05699 | 1-1/4 | 31.8 | | | | 3/8 | 9.5 |
| 645-1-5/16 | 05958 | 1-5/16 | 33.3 | | | 32 | 3/8 | 9.5 |
| 645-1-3/8 | 05700 | 1-3/8 | 34.9 | 1" | | | 3/8 | 9.5 |
| 645-1-7/16 | 05959 | 1-7/16 | 36.5 | | | 27 | 3/8 | 9.5 |
| 645-1-1/2 | 05701 | 1-1/2 | 38.1 | | | | 3/8 | 9.5 |
| 645-1-3/4 | 05702 | 1-3/4 | 44.4 | 1-1/4" | | | 3/8 | 9.5 |
| 645-2 | 05703 | 2 | 50.8 | 1-1/2" | | 50 | 3/8 | 9.5 |
| 645-2-1/8 | 05960 | 2-1/8 | 54.0 | | | 42 | 3/8 | 9.5 |
| 645-2-1/4 | 05704 | 2-1/4 | 57.2 | | | 48 | 3/8 | 9.5 |
| 645-2-3/8 | 05961 | 2-3/8 | 60.3 | | | | 3/8 | 9.5 |
| 645-2-1/2 | 05705 | 2-1/2 | 63.5 | 2" | | 63 | 3/8 | 9.5 |
| 645-2-5/8 | 05706 | 2-5/8 | 66.7 | | | | 3/8 | 9.5 |
| 645-3 | 05707 | 3 | 76.2 | | | | 3/8 | 9.5 |

ARBORS AND PILOT DRILLS

| CAT. NO. | UPC NO. | DESCRIPTION | Kit Cat. no. 660/UPC No. | Kit Cat. no. 655/UPC No. |
|----------|---------|--|--------------------------|--------------------------|
| 645-011 | 05752 | Quick Change Arbor for sizes 5/8" through 2-1/4", 3/8" shank | ✓ | ✓ |
| 645-022 | 05753 | Quick Change Arbor for sizes 2-3/8" through 3", 1/2" shank | | |
| 645-001 | 05761 | Pilot Drill for sizes 5/8" through 2-1/4" | ✓ | ✓ |
| 645-002 | 05762 | Pilot Drill for sizes 2-3/8" through 3" | | |
| 55225 | 55225 | Ejector Spring | | |

KITS

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 660 | 05766 | 7/8", 1-1/8", 1-3/8", 1-3/4", 2" Cutter Heads; Arbor, Hex Key and Case |
| 655 | 05820 | 7/8", 1-1/8", 1-3/8" Cutter Heads; Arbor, Hex Key and Case |
| 03581 | 03581 | 3 mm Hex Key |
| 54274 | 54274 | Set Screw |
| 55225 | 55225 | 1/2" Ejector Spring |



NOTE: TO EXTEND THE LIFE OF YOUR TOOL, SEE CUTTING/THREADING OIL ON PAGE 139.

Carbide-Tipped Hole Cutters

**NEW
PRODUCT**



- Multiple tungsten carbide tips for long life and smooth cutting.
- Cut fast, accurate, high quality holes in stainless steel, copper, aluminum, steel.
- Flange stop prevents over-drilling.
- Replaceable cobalt steel pilot drill, with split-point tip design, to improve performance and resist walking; eliminates need for "center punch."

KIT

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 635 | 03599 | 7/8", 1-1/8", 1-3/8" Cutterheads; Pilot Drill, Hex Key and Case Weight 1.2 lbs. (.54 kg) |

SPECIFICATIONS

Maximum Cutting Depth 8 ga. (4 mm)

REPLACEMENT PILOT DRILLS

| CUTTER SIZE RANGE | | PILOT DRILL | | HEX SET SCREW | | WEIGHT | |
|-------------------|-----------|-------------|---------|---------------|--------------|--------|-----|
| INCH | MM | CAT. NO. | UPC NO. | SIZE | CAT./UPC NO. | LBS. | G |
| 3/4-2 | 19.0-50.8 | 625-001 | 398720 | 3 mm | 54274 | .19 | 86 |
| 2-1/2 | 63.5 | 625-002 | 38390 | 4 mm | 54295 | .28 | 127 |

† Point of Purchase Package

CARBIDE-TIPPED HOLE CUTTERS

| CAT. NO. | UPC NO. | SIZE | | CONDUIT | | | MIN. CHUCK SIZE | | WEIGHT | | KIT CAT. NO. 635/UPC NO. 03599 |
|------------|---------|--------|------|---------|----|-----|-----------------|------|--------|-----|--------------------------------|
| | | INCH | MM | SIZE | PG | ISO | INCH | MM | LBS | G | |
| 625-3/4 | 38324 | 3/4 | 19.0 | | 11 | | 1/4 | 6.4 | .02 | 9 | |
| 625-13/16 | 38325 | 13/16 | 20.6 | | 13 | 20 | 1/4 | 6.4 | .02 | 9 | |
| 625-7/8 | 38326 | 7/8 | 22.2 | 1/2" | 16 | | 1/4 | 6.4 | .33 | 150 | ✓ |
| 625-1 | 38327 | 1 | 25.4 | | | 25 | 3/8 | 9.5 | .02 | 9 | |
| 625-1-1/8 | 38328 | 1-1/8 | 28.6 | 3/4" | 21 | | 3/8 | 9.5 | .43 | 195 | ✓ |
| 625-1-7/32 | 38329 | 1-7/32 | 30.5 | | | | 3/8 | 9.5 | .44 | 200 | |
| 625-1-1/4 | 38330 | 1-1/4 | 31.7 | | | | 3/8 | 9.5 | .33 | 150 | |
| 625-1-3/8 | 38331 | 1-3/8 | 35.0 | 1" | | | 3/8 | 9.5 | .47 | 213 | ✓ |
| 625-1-1/2 | 38332 | 1-1/2 | 38.1 | | | | 3/8 | 9.5 | .37 | 168 | |
| 625-1-3/4 | 38333 | 1-3/4 | 44.4 | 1-1/4" | | | 3/8 | 9.5 | .40 | 182 | |
| 625-2 | 38334 | 2 | 50.8 | 1-1/2" | | 50 | 3/8 | 9.5 | .50 | 227 | |
| 625-2-1/2 | 38336 | 2-1/2 | 63.5 | 2" | | | 1/2 | 12.7 | .67 | 304 | |

Ultra Cutters



- Lasts 10 times longer than standard hole saws.
- Precision-ground teeth cut smooth, burr-free holes with ease.
- 1/4" (6.35 mm) capacity.
- Durability and speed provide low cost per hole.
- Split-point pilot drill prevents "walking" – makes accurate hole placement easy.
- Spring-loaded slug ejector saves time.
- No tool required to change cutter sizes.
- Less chance of broken teeth because the saw body is machined out of solid, high-speed steel.

KIT





| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 930 | 10214 | Ultra Cutter Kit: Includes 7/8" to 2-1/2" Cutters, two Small Arbors for extended assembly to 7/8" and 1-1/8" Cutters, Large Arbor, Hex Wrench and Case. For conduit sizes 1/2" through 2". |



ULTRA CUTTERS

| CAT. NO. | UPC NO. | ACTUAL HOLE SIZE | | HOLE DIAMETER | | | |
|------------|---------|------------------|------|---------------|-------|--------|-------------|
| | | IN. | MM | CONDUIT | PG | ISO | COPPER PIPE |
| 925-7/8 | 10157 | 7/8 | 22.5 | 1/2" | Pg-16 | | 5/8" |
| 925-1-1/8 | 10158 | 1-1/8 | 28.6 | 3/4" | Pg-21 | | |
| 925-1-7/32 | 01643 | 1-7/32 | 30.5 | | | | |
| 925-1-5/16 | 04823 | 5/16 | 33.3 | | | | |
| 925-1-3/8 | 10159 | 3/8 | 35.0 | 1" | | | |
| 925-1-3/4 | 10160 | 1-3/4 | 44.4 | 1-1/4" | | | 1-1/2" |
| 925-2 | 10161 | 2 | 50.8 | 1-1/2" | | ISO-50 | |
| 925-2-1/2 | 10162 | 2-1/2 | 63.5 | | | ISO-63 | 2" |

ARBORS AND PILOT DRILLS

| CAT. NO. | UPC NO. | DESCRIPTION |
|---|---------|---|
|  925-011 | 10163 | Small Arbor with Pilot Drill for 7/8" to 1-7/32" Size Cutter |
|  925-022 | 10185 | Large Arbor with Pilot Drill for 1-3/8" to 2-1/2" Size Cutter |
|  925-001 | 10186 | Small Pilot Drill |
|  925-002 | 10211 | Large Pilot Drill |

RECOMMENDED CUTTING SPEEDS

| CUTTER SIZE | RPM | AVERAGE* | AVERAGE* | average* |
|------------------|------------|--------------|-----------------|----------------|
| HOLE SAW TYPE | (SEC/HOLE) | CUTTING TIME | NUMBER OF HOLES | COST/HOLE (\$) |
| 7/8" (22.5 mm) | 350 | 25 | 50 | 0.10 |
| 1-1/8" (28.6 mm) | 270 | 10 | 500 | 0.10 |
| 1-3/8" (35.0 mm) | 220 | 10 | 500 | 0.20 |
| 1-3/4" (44.4 mm) | 175 | | | |
| 2" (50.8 mm) | 150 | | | |
| 2-1/2" (63.5 mm) | 120 | | | |



NOTE: TO EXTEND THE LIFE OF YOUR TOOL, SEE CUTTING/THREADING OIL ON PAGE 139.

Quick Change Hole Saw Kit



Quick Change Arbor Features:

- New arbor allows for rapid mounting or removal of hole saws.
- Faster, easier slug removal.
- Drill pilot hole without saw:
 1. Eliminates the "bite" when saw crashes into the steel.
 2. Provides better ergonomics - reduces stress on wrist, arm and hand.
 3. Eliminates obstructed view from hole saw.
- Only one arbor required from 7/8" to 6" (7/16" shank recommended for hole saws above 2-1/2").
- Works with recessed light and carbide grit hole saw products as well.
- Adapters re-usable to minimize costs.
- Universal - works with any brand hole saw.

Kit contains Bi-metal hole saws for 1/2" through 2" conduit sizes.

See page 122 for details.

SPECIFICATIONS

| | |
|--------------------------|--|
| Shank | Available for 3/8" and heavy duty 1/2" chuck sizes |
| Arbor length | 5-1/2" with pilot drill |
| Arbor weight | 0.5 lbs (227 g) |
| Arbor operation | Push collar to lock on saw; pull to release saw |
| Arbor pilot drill | 37623, 4-1/8" x 1/4" (104.8 mm x 6.4 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--|
| 830Q | 02806 | Quick Change Hole Saw Kit for 1/2" through 2" Conduit Sizes |
| R 02800 | 02800 | 5/16" Arbor, Minimum Chuck Size 3/8" |
| R 02801 | 02801 | 7/16" Arbor, Minimum Chuck Size 1/2" |
| R 02802 | 02802 | Retrofit Kit - upgrade 3 Hole Saws up to 1-9/16" to Quick Change |
| R 02803 | 02803 | Small Adapters for 9/16" to 1-9/16" Saws Qty. 10 |
| R 02804 | 02804 | Large Adapters for 1-5/8" to 6" Saws Qty. 3 |
| R 02805 | 02805 | Bushings for 1-1/4" to 1-9/16" Saws Qty. 5 |
| R 826S | 12787 | Hole saw stops |

Deburring Tool



- Cleans burrs from both sides of the hole in seconds, saving time and labor.
- Works with any hole size or shape 3/4" or larger.
- Use with existing drills, battery or electric-powered.
- Ensures safety, less chance of personnel or equipment being cut on sharp edges.
- Patent pending.

SPECIFICATIONS

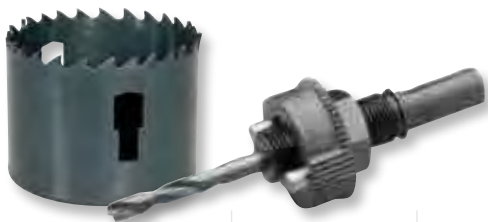
| | |
|---------------------------|---|
| Material thickness | Deburs up to 10 gauge |
| Material type | Mild and stainless steel, copper, brass, aluminum |
| Shank | Minimum chuck size 3/8" |
| Cutter size | 13/16" diameter |
| Operation | Run tool clockwise to deburr; counterclockwise to clear chips |

NOTE: TO EXTEND THE LIFE OF YOUR TOOL, SEE CUTTING/THREADING OIL ON PAGE 139.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|----------------|
| 11170 | 11170 | Deburring Tool |
| R 11180 | 11180 | Cutter 3-pack |

HOLE SAWS

Bi-Metal Hole Saws



- Cut through steel, tin, aluminum, fiberglass, wood and plastic.
- Deep 1-5/8" (41.3 mm) cutting depth allows for cutting through 2" x 4" wood studs.
- Extra-tough bi-metal blade – we use the highest grade of tool steel to outlast competitor's blades. That beats premature saw replacement and saves you money.
- Steam oxide finish – no paint to gum up and slow cutting. The saw runs cooler for longer life and better performance.
- Extra-thick backplate minimizes vibration for smoother, easier, less tiring cutting.
- Made in USA

| CAT. NO. | UPC NO. | ACTUAL HOLE SIZE | | HOLE DIA. | | | COPPER PIPE SIZE | USE WITH QUICK CHANGE ARBOR NO. | USE WITH STD. ARBOR NO. | WEIGHT | |
|-------------|---------|------------------|-------|-----------|-------|--------|------------------|------------------------------------|-------------------------------|--------|----|
| | | INCH | MM | CONDUIT | PG | ISO | | | | LBS. | G |
| 825-9/16 | 19131 | 9/16 | 14.3 | | | | 1/8" | 02800* | 37157, 37155, or 38522 | .1 | 46 |
| 825-5/8 | 19132 | 5/8 | 15.9 | | Pg-9 | | 1/4" | | | .1 | 46 |
| 825-11/16 | 19133 | 11/16 | 17.5 | | | ISO-16 | 3/8" | | | .1 | 46 |
| 825-3/4 | 19134 | 3/4 | 19.0 | | Pg-11 | | 1/2" | | | .1 | 46 |
| 825-13/16 | 19135 | 13/16 | 20.6 | | Pg-13 | ISO-20 | 1/2" | | | .1 | 46 |
| 825-7/8 | 19136 | 7/8 | 22.2 | 1/2" | Pg-16 | | 5/8" | | | .1 | 46 |
| 825-15/16 | 19137 | 15/16 | 23.8 | | | | | | | .1 | 46 |
| 825-1 | 19138 | 1 | 25.4 | | | ISO-25 | 3/4" | | | .1 | 46 |
| 825-1-1/16 | 19140 | 1-1/16 | 27.0 | | | | | | | .1 | 46 |
| 825-1-1/8 | 19141 | 1-1/8 | 28.6 | 3/4" | Pg-21 | | 3/4" | | | .1 | 46 |
| 825-1-3/16 | 19143 | 1-3/16 | 30.2 | | | | | .2 | 91 | | |
| 825-1-1/4 | 19144 | 1-1/4 | 31.7 | | | | 1" | .2 | 91 | | |
| 825-1-5/16 | 19145 | 1-5/16 | 33.3 | | | ISO-32 | | .2 | 91 | | |
| 825-1-3/8 | 19146 | 1-3/8 | 35.0 | 1" | | | | .1 | 46 | | |
| 825-1-7/16 | 19147 | 1-7/16 | 36.5 | | Pg-29 | | | .2 | 91 | | |
| 825-1-1/2 | 19148 | 1-1/2 | 38.1 | | | | 1-1/4" | .2 | 91 | | |
| 825-1-9/16 | 19149 | 1-9/16 | 39.7 | | | | | .2 | 91 | | |
| 825-1-5/8 | 19150 | 1-5/8 | 41.3 | | | ISO-40 | | .2 | 91 | | |
| 825-1-11/16 | 19151 | 1-11/16 | 42.9 | | | | | .3 | 137 | | |
| 825-1-3/4 | 19152 | 1-3/4 | 44.4 | 1-1/4" | | | 1-1/2" | .2 | 91 | | |
| 825-1-13/16 | 19153 | 1-13/16 | 46.0 | | | | | .2 | 91 | | |
| 825-1-7/8 | 19154 | 1-7/8 | 47.6 | | Pg-36 | | | .3 | 137 | | |
| 825-2 | 19155 | 2 | 50.8 | 1-1/2" | | ISO-50 | | .2 | 91 | | |
| 825-2-1/16 | 19157 | 2-1/16 | 52.4 | | | | | .3 | 137 | | |
| 825-2-1/8 | 19158 | 2-1/8 | 54.0 | | Pg-42 | | | .3 | 137 | | |
| 825-2-1/4 | 19159 | 2-1/4 | 57.2 | | | | 2" | .3 | 137 | | |
| 825-2-5/16 | 19160 | 2-5/16 | 58.7 | | | | | .5 | 227 | | |
| 825-2-3/8 | 19161 | 2-3/8 | 60.3 | | Pg-48 | | 2" | .3 | 137 | | |
| 825-2-1/2 | 19162 | 2-1/2 | 63.5 | 2" | | ISO-63 | 2" | .3 | 137 | | |
| 825-2-9/16 | 19163 | 2-9/16 | 65.0 | | | | | .4 | 182 | | |
| 825-2-5/8 | 19164 | 2-5/8 | 66.7 | | | | | .4 | 182 | | |
| 825-2-3/4 | 19165 | 2-3/4 | 69.8 | | | | | .4 | 182 | | |
| 825-2-7/8 | 19166 | 2-7/8 | 73.0 | | | | | .4 | 182 | | |
| 825-3 | 19167 | 3 | 76.2 | 2-1/2" | | | 2-1/2" | .5 | 227 | | |
| 825-3-1/8 | 19168 | 3-1/8 | 79.4 | | | | | .5 | 227 | | |
| 825-3-1/4 | 19169 | 3-1/4 | 82.5 | | | | | .6 | 273 | | |
| 825-3-3/8 | 19170 | 3-3/8 | 85.7 | | | | | .6 | 273 | | |
| 825-3-1/2 | 19171 | 3-1/2 | 88.9 | | | | | .6 | 273 | | |
| 825-3-5/8 | 19172 | 3-5/8 | 92.1 | 3" | | | | .6 | 273 | | |
| 825-3-3/4 | 19174 | 3-3/4 | 95.2 | | | | | .7 | 318 | | |
| 825-3-7/8 | 19175 | 3-7/8 | 98.4 | | | | 3-1/2" | .7 | 318 | | |
| 825-4 | 19176 | 4 | 101.6 | | | | | .7 | 318 | | |
| 825-4-1/8 | 19177 | 4-1/8 | 104.8 | 3-1/2" | | | 3-1/2" | .8 | 363 | | |
| 825-4-1/4 | 19178 | 4-1/4 | 108.0 | | | | 4" | .8 | 363 | | |
| 825-4-3/8 | 19179 | 4-3/8 | 111.1 | | | | | .8 | 363 | | |
| 825-4-1/2 | 19180 | 4-1/2 | 114.3 | 4" | | | | 9 | 409 | | |
| 825-4-3/4 | 19181 | 4-3/4 | 120.6 | | | | | 1.1 | 499 | | |
| 825-5 | 19182 | 5 | 127.0 | | | | | 1.2 | 545 | | |
| 825-5-1/2 | 19183 | 5-1/2 | 139.7 | | | | 5" | 1.2 | 545 | | |
| 825-6 | 19184 | 6 | 152.4 | | | | | 1.4 | 636 | | |
| 825-68 | 36169 | 68 | 68.0 | | | | | .4 | 182 | | |
| 825-74 | 36170 | 74 | 70.0 | | | | | .5 | 227 | | |

*See page 121 for Quick Change adapter information.

Carbide-Grit Hole Saws



- Long-lasting tungsten carbide-grit delivers extremely clean, smooth cuts through tile, cement board, and other abrasive materials. Perfect for cutting holes in Quazite® enclosure or hardy board siding for 3-0 box installation.
- Rugged construction for enduring performance.
- Use with Arbors listed on page 124.

CARBIDE GRIT HOLE SAWS

| CAT. NO. | UPC NO. | ACTUAL HOLE SIZE | | HOLE DIAMETER | | |
|-----------|---------|------------------|-------|---------------|----|-----|
| | | IN. | MM | CONDUIT | PG | ISO |
| 725-7/8 | 10072 | 7/8 | 22.2 | 1/2" | 16 | |
| 725-1-1/8 | 10073 | 1-1/8 | 28.6 | 3/4" | 21 | |
| 725-1-3/8 | 10075 | 1-3/8 | 35.0 | 1" | | |
| 725-1-1/2 | 10076 | 1-1/2 | 38.1 | | | |
| 725-1-3/4 | 10077 | 1-3/4 | 44.4 | 1-1/4" | | |
| 725-2 | 10078 | 2 | 50.8 | 1-1/2" | | 50 |
| 725-2-1/8 | 10079 | 2-1/8 | 54.0 | | | |
| 725-2-1/2 | 10080 | 2-1/2 | 63.5 | 2" | | 63 |
| 725-3-5/8 | 10081 | 3-5/8 | 92.1 | 3" | | |
| 725-4-1/8 | 10687 | 4-1/8 | 104.8 | 3-1/2" | | |
| 725-4-1/2 | 01879 | 4-1/2 | 114.3 | 4" | | |








PILOT DRILL




| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------------|
| 725-001 | 10082 | 1/4" Carbide Tipped Pilot Drill |

* Quazite is a registered trademark of Strongwell Corporation.

Arbors with Replacement High-Speed Steel Pilot Drill Bits

- The best arbor in the industry ensures a solid connection without any gaps or wobbling.
- Arbors include replaceable, high-speed steel pilot drill.
- Pilot drills have unique split-point tip design.
- Use with Greenlee bimetal hole saws, recessed light hole saws and carbide-grit hole saws (carbide-tipped pilot drill sold separately).
- Can be used with Greenlee #901 or #904 bit extensions.

| ARBORS |  |  |  |  |  |  |  |
|-------------------------------|---|---|---|---|--|---|--|
| CAT./UPC NO. | | | | | | | |
| Standard Pack | N/A | 37157 | 38522 | 37155 | N/A | 37154 | 37156 |
| Point of Purchase Pack | 02800 | 38507 | 38524 | 38505 | 02801 | 38504 | 38506 |
| Bulk Pack | N/A | 37157B/37630 | 38522B/38529 | 37155B/37628 | N/A | 37154B/37903 | 37156B/37626 |
| Shank | Hex | | Hex | Hex | Hex | Hex | Hex |
| Shank Size | 5/16" (7.9 mm) | 1/4" (6.4 mm) | 5/16" (7.9 mm) | 7/16" (11.1 mm) | 7/16" (11.1 mm) | 5/16" (7.9 mm) | 7/16" (11.1 mm) |
| Min. Chuck Size | 3/8" (9.5 mm) | 1/4" (6.4 mm) | 3/8" (9.5 mm) | 1/2" (12.7 mm) | 1/2" (12.7 mm) | 3/8" (9.5 mm) | 1/2" (12.7 mm) |
| Locking Collar* | No | No | No | No | No | Yes | Yes |
| Use With | 9/16" - 2" (14.3 - 50.8 mm) | 9/16" - 1-3/16" (14.3 - 30.2 mm) Hole Saws | 9/16" - 1-3/16" (14.3 - 30.2 mm) Hole Saws | 9/16" - 1-3/16" (14.3 - 30.2 mm) Hole Saws | 9/16"-6" (14.3 - 152.4mm) | 1-1/4" - 2" (31.8 - 50.8 mm) Hole Saws | 1-1/4" - 6" (31.8 - 152.4 mm) Hole Saws and all Greenlee Recessed Light Hole Saws |
| Weight | 0.5 lbs (227 g) | 2 lbs (91 g) | .2 lbs (91 g) | .2 lbs (91 g) | 0.5 lbs (227 g) | .5 lbs (227 g) | .5 lbs (227 g) |

| ARBORS |  |  | CARBIDE-TIPPED PILOT DRILLS |  |
|-------------------------|---|---|-----------------------------|---|
| CAT./UPC NO. | | | CAT./UPC NO. | |
| Standard Pack | 37623 | 38526 | Standard Pack | 10082 |
| Qty: 6 per pack | | | Length | 4-1/8" (104.8 mm) |
| POP Pack | 39873 | 39893 | Diameter | 1/4" (6.4 mm) |
| Qty: 6 per pack | | | Use With | 37157, 37155, |
| Bulk Pack | 37624 | 38991 | Greenlee | 37156 & |
| Qty: 50 per pack | | | Arbor #'s | 37154 |
| Length | 4-1/8" (6.4 mm) | 3-1/4" (82.5 mm) | Weight | .2 lbs (91 g) |
| Diameter | 1/4" (6.4 mm) | 1/4" (6.4 mm) | | |
| Use With | 37154, 37155, | 37154, 37155, | | |
| Greenlee | 37156 & | 37156 & | | |
| Arbor #'s | 37157 | 38522 | | |
| Weight | .2 lbs (91 g) | .2 lbs (91 g) | | |

Locking Collar



- Saves valuable time – no stopping to re-tighten.
- Made in the USA.

See page 91 for Quick Change adapter information.

Bi-Metal Hole Saw Kits



835 / 27538



834 / 19913



830 / 19192



889 / 03478

| CAT. NO. | UPC NO. | DESCRIPTION | KIT CAT./UPC NO. | | | | | | |
|------------|---------|--------------------------|------------------|---------------|---------------|-----------------|---------------|---------------|---------------|
| | | | 830/ 19192 | 834/ 19913 | 835/ 27538 | 830PG/ 29209 | 889/ 03478 | 890/ 03479 | 891/ 03480 |
| 825-3/4 | 19134 | 3/4" Hole Saw | | | | | ✓ | ✓ | ✓ |
| 825-7/8 | 19136 | 7/8" Hole Saw | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ |
| 825-1 | 19138 | 1" Hole Saw | | | | | | ✓ | |
| 825-1-1/8 | 19141 | 1-1/8" Hole Saw | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ |
| 825-1-3/8 | 19146 | 1-3/8" Hole Saw | ✓ | | ✓ | | | ✓ | ✓ |
| 825-1-1/2 | 19148 | 1-1/2" Hole Saw | | | | | ✓ | ✓ | ✓ |
| 825-1-3/4 | 19152 | 1-3/4" Hole Saw | ✓ | | ✓ | | ✓ | ✓ | ✓ |
| 825-2 | 19155 | 2" Hole Saw | ✓ | | ✓ | | | ✓ | ✓ |
| 825-2-1/4 | 19159 | 2-1/4" Hole Saw | | | | | ✓ | ✓ | ✓ |
| 825-2-1/2 | 19162 | 2-1/2" Hole Saw | ✓ | | ✓ | | | ✓ | ✓ |
| 825-3 | 19167 | 3" Hole Saw | | ✓ | ✓ | | | ✓ | |
| 825-3-1/4 | 19169 | 3-1/4" Hole Saw | | | | | | ✓ | |
| 825-3-5/8 | 19172 | 3-5/8" Hole Saw | | ✓ | ✓ | | | ✓ | |
| 825-3-3/4 | 19174 | 3-3/4" Hole Saw | | | | | | ✓ | |
| 825-4-1/8 | 19177 | 4-1/8" Hole Saw | | ✓ | ✓ | | | ✓ | |
| 825-4-1/2 | 19180 | 4-1/2" Hole Saw | | ✓ | ✓ | | | | |
| 825-4-3/4 | 19181 | 4-3/4" Hole Saw | | | | | | ✓ | |
| 825-5/8 | 19132 | Pg-9 (15.9 mm) Hole Saw | | | | ✓ | | | |
| 825-3/4 | 19134 | Pg-11 (19.0 mm) Hole Saw | | | | ✓ | | | |
| 825-13/16 | 19135 | Pg-13 (20.6 mm) Hole Saw | | | | ✓ | | | |
| 825-1-3/16 | 19143 | 30.2 mm Hole Saw | | | | ✓ | | | |
| 825-1-1/2 | 19148 | Pg-29 (38.1 mm) Hole Saw | | | | ✓ | | | |
| 825-1-7/8 | 19154 | Pg-36 (47.6 mm) Hole Saw | | | | ✓ | | | |
| 825-2-3/8 | 19161 | Pg-48 (60.3 mm) Hole Saw | | | | ✓ | | | |
| 38522 | 38522 | Arbor w/Pilot Drill | (2) | | | | | | |
| 37157 | 37157 | Arbor w/Pilot Drill | | | ✓ | | | | |
| 37155 | 37155 | Arbor w/Pilot Drill | | | ✓ | ✓ | ✓ | ✓ | ✓ |
| 37156 | 37156 | Arbor w/Pilot Drill | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 38526 | 38526 | Pilot Drill | | | | | ✓ | ✓ | ✓ |



890 / 03479



891 / 03480

- Several electrician's kits available providing an assortment of the most commonly used Greenlee variable pitch hole saw sizes and arbors.
- High-impact, rugged plastic carrying case.
- Each kit includes three hole saw stops.

WEIGHT

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------|---------|--|--------|-----|
| | | | LBS. | KG. |
| 830 | 19192 | Hole Saw Kit for 1/2" through 2" Conduit Sizes | 2.7 | 1.2 |
| 834 | 19913 | Hole Saw Kit for 2-1/2" through 4" Conduit Sizes | 6.2 | 2.8 |
| 835 | 27538 | Hole Saw Kit for 1/2" through 4" Conduit Sizes | 7.7 | 3.5 |
| 830Pg | 29209 | Hole Saw Kit for Pg-9 through Pg-48 | 2.7 | 1.2 |
| 889 | 03478 | Plumber's Hole Saw Kit - 3/4" through 2-1/4" Conduit Sizes | 2.3 | 1.0 |
| 890 | 03479 | Industrial Maintenance Hole Saw Kit - 3/4" through 4-3/4" Conduit Sizes | 9.7 | 4.4 |
| 891 | 03480 | Electrician's/Plumber's Hole Saw Kit - 3/4" through 2-1/2" Conduit Sizes | 3.5 | 1.6 |

RECESSED LIGHT HOLE SAWS

Recessed Light Hole Saws



- Industry's only interchangeable replacement blades.
- Strong durable back plate.
- Available in two styles – steel tooth and carbide grit.
- Use with a power drill to cut large diameter holes for recessed lighting fixtures.
- Saws use Greenlee arbor 37156, purchased separately.

SPECIFICATIONS

Capacity Steel Toothed Blade - up to 7/8" (22.2 mm) plywood, wood, acoustical tile and ceiling tile.
 Carbide Grit Blade - up to 7/8" (22.2 mm) drywall, plywood, wood, acoustical tile, ceiling tile, plaster and stucco.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-----------------------|
| R 35720 | 35720 | Blade for 35712 |
| R 35721 | 35721 | Blade for 35713 |
| R 35722 | 35722 | Blade for 35714 |
| R 35723 | 35723 | Blade for 35715 |
| R 35724 | 35724 | Blade for 35716 |
| R 35725 | 35725 | Blade for 35717 |
| R 35726 | 35726 | Blade for 35718 |
| R 35727 | 35727 | Blade for 35719 |
| 35708 | 35708 | Set of 5 Blade Screws |
| R 35730 | 35730 | Blade for 35728 |
| R 35731 | 35731 | Blade for 35729 |

| CAT. NO. | UPC NO. | DESCRIPTION | DIAMETER | HOLE WEIGHT | | USE FOR |
|----------|---------|---------------|-----------------|-------------|-----|--|
| | | | | LBS. | KG | |
| 35712 | 35712 | Steel Toothed | 4-3/8" (111 mm) | .76 | .34 | Mini Juno, Capri, |
| 35716 | 35716 | Carbide Grit | 4-3/8" (111 mm) | .74 | .34 | Marco and Halo |
| 35713 | 35713 | Steel Toothed | 6-3/8" (162 mm) | 1.2 | .54 | Halo and Capri |
| 35717 | 35717 | Carbide Grit | 6-3/8" (162 mm) | 1.1 | .50 | Halo and Capri |
| 35714 | 35714 | Steel Toothed | 6-5/8" (168 mm) | 1.3 | .59 | Juno and Progress |
| 35718 | 35718 | Carbide Grit | 6-5/8" (168 mm) | 1.3 | .59 | Juno and Progress |
| 35715 | 35715 | Steel Toothed | 6-7/8" (175 mm) | 1.3 | .59 | Lithonia, Marco, |
| 35719 | 35719 | Carbide Grit | 6-7/8" (175 mm) | 1.4 | .64 | Lightolier, Progress, Capri and Precolite |
| 35728 | 35728 | Steel Toothed | 5-3/8" (137 mm) | .98 | .44 | Capri, Juno, Lightolier, Progress, and Precolite |
| 35729 | 35729 | Carbide Grit | 5-3/8" (137 mm) | .98 | .44 | Capri, Juno, Lightolier, Progress, and Precolite |

Quick Cutter™ Hole Saws



- Quickest, most affordable way to cut perfect holes in ceiling tile.
- Cuts clean, precise holes that ensure no light leakage or poor-fitting installations.
- Self-sharpening, carbide-sprayed cutting tips can cut dozens of holes in very abrasive materials and still stay sharp.
- Stabilizer spring balances cutting forces and offers more control of the tool when drilling drywall.
- Dedicated arbor and pilot drill eliminates changeover time.
- Fits a 3/8" drill chuck and can be used with a cordless drill.
- Included dust shield helps eliminate flying dust and debris.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 06923 | 06923 | Quick Cutter Recessed Hole Saw, Adjustable in 1/2" Increments for Cuts of 2-1/2" to 7" |

Recommended Hole Saw Cutting Speeds

| HOLE SAW SIZE | | RPM | | | |
|---------------|------|------------|-----------|-------|----------|
| INCH | MM | MILD STEEL | CAST IRON | BRASS | ALUMINUM |
| 9/16 | 14.3 | 580 | 400 | 790 | 900 |
| 5/8 | 15.9 | 550 | 365 | 730 | 825 |
| 11/16 | 17.5 | 500 | 330 | 665 | 750 |
| 3/4 | 19.0 | 460 | 300 | 600 | 690 |
| 13/16 | 20.6 | 425 | 280 | 560 | 635 |
| 7/8 | 22.2 | 390 | 260 | 520 | 585 |
| 15/16 | 23.8 | 370 | 245 | 495 | 555 |
| 1 | 25.4 | 350 | 235 | 470 | 525 |
| 1-1/16 | 27.0 | 325 | 215 | 435 | 480 |
| 1-1/8 | 28.6 | 300 | 200 | 400 | 450 |
| 1-3/16 | 30.2 | 285 | 190 | 380 | 425 |
| 1-1/4 | 31.7 | 275 | 180 | 360 | 410 |
| 1-5/16 | 33.3 | 260 | 175 | 345 | 390 |
| 1-3/8 | 35.0 | 250 | 165 | 330 | 375 |
| 1-7/16 | 36.5 | 240 | 160 | 315 | 360 |
| 1-1/2 | 38.1 | 230 | 150 | 300 | 345 |
| 1-9/16 | 39.7 | 220 | 145 | 290 | 330 |
| 1-5/8 | 41.3 | 210 | 140 | 280 | 315 |
| 1-11/16 | 42.9 | 205 | 135 | 270 | 305 |
| 1-3/4 | 44.4 | 195 | 130 | 260 | 295 |
| 1-13/16 | 46.0 | 190 | 125 | 250 | 285 |
| 1-7/8 | 47.6 | 180 | 120 | 240 | 270 |
| 2 | 50.8 | 170 | 115 | 230 | 255 |
| 2-1/16 | 52.4 | 165 | 110 | 220 | 245 |
| 2-1/8 | 54.0 | 160 | 105 | 210 | 240 |
| 2-1/4 | 57.2 | 150 | 100 | 200 | 225 |

| HOLE SAW SIZE | | RPM | | | |
|---------------|-------|------------|-----------|-------|----------|
| INCH | MM | MILD STEEL | CAST IRON | BRASS | ALUMINUM |
| 2-5/16 | 58.7 | 150 | 100 | 195 | 225 |
| 2-3/8 | 60.3 | 140 | 95 | 190 | 200 |
| 2-1/2 | 63.5 | 135 | 90 | 180 | 205 |
| 2-9/16 | 65.0 | 130 | 85 | 175 | 200 |
| 2-5/8 | 66.7 | 130 | 85 | 170 | 195 |
| 2.677 | 68.0 | 125 | 80 | 160 | 185 |
| 2-3/4 | 69.8 | 125 | 80 | 160 | 185 |
| 2-7/8 | 73.0 | 120 | 80 | 160 | 180 |
| 2.913 | 74.0 | 115 | 75 | 150 | 170 |
| 3 | 76.2 | 115 | 75 | 150 | 170 |
| 3-1/8 | 79.4 | 110 | 70 | 140 | 165 |
| 3-1/4 | 82.5 | 105 | 70 | 140 | 155 |
| 3-3/8 | 85.7 | 100 | 65 | 130 | 150 |
| 3-1/2 | 88.9 | 95 | 65 | 130 | 145 |
| 3-5/8 | 92.1 | 95 | 60 | 120 | 140 |
| 3-3/4 | 95.2 | 90 | 60 | 120 | 135 |
| 3-7/8 | 98.4 | 90 | 60 | 120 | 135 |
| 4 | 101.6 | 85 | 55 | 110 | 130 |
| 4-1/8 | 104.8 | 80 | 55 | 110 | 120 |
| 4-1/4 | 108.0 | 80 | 55 | 110 | 120 |
| 4-3/8 | 111.1 | 80 | 50 | 100 | 120 |
| 4-1/2 | 114.3 | 75 | 50 | 100 | 105 |
| 4-3/4 | 120.6 | 75 | 50 | 95 | 95 |
| 5 | 127.0 | 65 | 45 | 90 | 90 |
| 5-1/2 | 139.7 | 60 | 35 | 85 | 85 |
| 6 | 152.4 | 55 | 35 | 75 | 75 |

SAW BLADES

Reciprocating Saw Blades

**NEW
PRODUCT**



GREENLEE EXTREME Ti-Metal Blades

- High performance Titanium (Ti) coating + Improved Bi-Metal blades = GREENLEE EXTREME Ti-Metal
- The super-hard titanium coating helps dissipate heat and resists wear on the cutting teeth.
- Extreme Ti-Metal blades stay sharp, cut faster, and last longer...even in the most demanding applications.



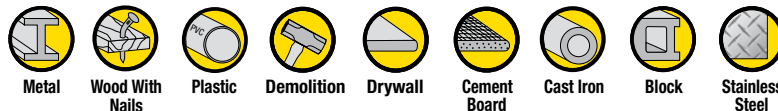
GREENLEE EXTREME Blades

- Heavy-duty blades for heavy metal applications.
- Designed specifically for extreme metal cutting in structural steel I-Beam and angle iron.
- Thicker, wider blades cut straighter and resist bending during high-load cuts.







GREENLEE Bi-Metal Blades






















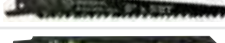










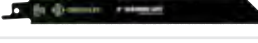



- Greenlee blades feature improved bi-metal material with added cobalt for increased toughness, durability and blade life.
- Precision cutting teeth are designed to stay sharp and cut fast, saving valuable time on the job.
- Available in a variety of blade types for cutting wood, nail embedded wood, metal, and other demanding construction materials.



LENGTH X WIDTH X THICKNESS

| MATERIAL | APPLICATION | TPI | INCH | MM | CAT. NO. | UPC NO. | QTY. PER PK. |
|---|---|-----|-----------------|----------------|----------|---------|--------------|
| GREENLEE - EXTREME TI-METAL | | | | | | | |
|  METAL | For cutting thick metal 3/32" - 3/8" | 14T | 6 x 3/4 x .035 | 152 x 19 x .9 | 353-614G | 01030 | 5 |
| | For cutting medium metal 1/16" - 3/16" | 18T | 6 x 3/4 x .035 | 152 x 19 x .9 | 353-618G | 01010 | 5 |
| | | 18T | 8 x 3/4 x .035 | 203 x 19 x .9 | 353-818G | 01012 | 5 |
| | For cutting thin metal 1/8" and less. | 24T | 6 x 3/4 x .035 | 152 x 19 x .9 | 353-624G | 01011 | 5 |
|  GENERAL PURPOSE | General purpose blade for cutting metal, wood w/nails, and PVC. | 10T | 6 x 3/4 x .035 | 152 x 19 x .9 | 353-610G | 01027 | 5 |
| | | 10T | 8 x 3/4 x .050 | 203 x 19 x 1.3 | 353-810G | 01029 | 5 |
|  WOOD | For cutting in clean wood and wood w/nails. | 6T | 6 x 3/4 x .050 | 152 x 19 x 1.3 | 353-656G | 01000 | 5 |
| | | 6T | 9 x 3/4 x .050 | 229 x 19 x 1.3 | 353-956G | 01042 | 5 |
| | | 6T | 12 x 3/4 x .050 | 305 x 19 x 1.3 | 353-156G | 01026 | 5 |
| GREENLEE - EXTREME | | | | | | | |
|  STRUCTURAL STEEL | For cutting structural steel up to 3/8". | 14T | 6 x 1 x .042 | 152 x 25 x 1.1 | 353-6114 | 31329 | 5 |
| | | 14T | 9 x 1 x .042 | 229 x 25 x 1.1 | 353-9114 | 31332 | 5 |
| | For cutting structural steel up to 1/4". | 18T | 6 x 1 x .042 | 152 x 25 x 1.1 | 353-6118 | 31331 | 5 |
| | | 18T | 9 x 1 x .042 | 229 x 25 x 1.1 | 353-9118 | 31333 | 5 |

Reciprocating Saw Blades

| | | LENGTH X WIDTH X THICKNESS | | | | | | | |
|---|---|--|---|----------------|----------------|----------------|---|---|---|
| MATERIAL | APPLICATION | TPI | INCH | MM | CAT. NO. | UPC NO. |  | QTY. PER PK. | |
| GREENLEE - BI-METAL | | | | | | | | | |
| METAL  | For cutting thick metal 1/8" - 1/2" | 10/14T | 8 x 3/4 x .050 | 203 x 19 x 1.3 | 353-804 | 09977 |  | 5 | |
| | For cutting thick metal 3/32" - 3/8" | 14T | 4 x 3/4 .035 | 102 x 19 x .9 | 353-414 | 01031 |  | 5 | |
| | | 14T | 6 x 3/4 x .035 | 152 x 19 x .9 | 353-614 | 09964 |  | 5 | |
| | | 14T | 8 x 3/4 x .050 | 203 x 19 x 1.3 | 353-814 | 09975 |  | 5 | |
| | For cutting medium metal 1/16" - 3/16" | 18T | 6 x 3/4 x .035 | 152 x 19 x .9 | 353-618 | 09965 |  | 5 | |
| | | 18T | 8 x 3/4 x .035 | 203 x 19 x .9 | 353-818 | 09976 |  | 5 | |
| | | 18T | 8 x 3/4 x .050 | 203 x 19 x 1.3 | 353-818T | 13004 |  | 5 | |
| | For cutting thin metal 1/8" and less. | 24T | 6 x 3/4 x .035 | 152 x 19 x .9 | 353-624 | 09966 |  | 5 | |
| | GENERAL PURPOSE  | General purpose blade for cutting metal, wood w/ nails, and PVC. | 8/18T | 6 x 3/4 x .035 | 152 x 19 x .9 | 353-123 | 09963 |  | 5 |
| | | | 10T | 6 x 3/4 x .035 | 152 x 19 x .9 | 353-610 | 31366 |  | 5 |
| 10T | | | 8 x 3/4 x .050 | 203 x 19 x 1.3 | 353-810 | 31337 |  | 5 | |
| 10/14T | | | 12 x 3/4 x .050 | 305 x 19 x 1.3 | 353-110 | 31338 |  | 5 | |
| 10/14T | | | 6 x 3/4 x .035 | 152 x 19 x .9 | 353-635 | 01020 |  | 5 | |
| 10/14T | | | 8 x 3/4 x .035 | 203 x 19 x .9 | 353-835 | 01022 |  | 5 | |
| DEMOLITION  | | | For cutting a wide variety of construction materials during demolition or remodeling. | 5/8T | 9 x 7/8 x .063 | 229 x 22 x 1.6 | 353-966 | 09979 |  |
| | 8/10T | 9 x 7/8 x .063 | | 229 x 22 x 1.6 | 353-969 | 09990 |  | 5 | |
| WOOD  | For cutting in clean wood and wood w/ nails. | 5/8T | 6 x 3/4 x .050 | 152 x 19 x 1.3 | 353-503 | 13005 |  | 5 | |
| | | 6T | 6 x 3/4 x .050 | 152 x 19 x 1.3 | 353-646 | 09968 |  | 5 | |
| | | 6T | 6 x 3/4 x .050 | 153 x 19 x 1.3 | 353-656 | 09967 |  | 5 | |
| | | 6T | 9 x 3/4 x .050 | 229 x 19 x 1.3 | 353-956 | 09969 |  | 5 | |
| | | 6T | 12 x 3/4 x .050 | 305 x 19 x 1.3 | 353-156 | 09970 |  | 5 | |
| GREENLEE - SPECIALTY | | | | | | | | | |
| DRYWALL  | For fast cutting in drywall and plaster. | 6T | 6 x 3/4 x .050 | 152 x 19 x 1.3 | 353-636 | 31336 |  | 5 | |
| CEMENT BOARD  | For fast cutting in cement board, fiber board, and plaster. | 3T | 9 x 3/4 x .050 | 229 x 19 x 1.3 | 353-9535RCT | 00964 |  | 1 | |
| | | 6T | 6 x 3/4 x .050 | 152 x 19 x 1.3 | 353-6563RCT | 00963 |  | 1 | |
| CAST IRON & BLOCK  | For cutting cast iron pipe, block & brick and other abrasives such as tile. | Diamond Grit | 8 x 3/4 x .039 | 203 x 19 x 1 | 353-800RDG | 01024 |  | 1 | |
| | | Carbide Grit | 9 x 3/4 x .039 | 229 x 19 x 1 | 353-900RG | 01023 |  | 1 | |
| STAINLESS STEEL  | For cutting stainless steel 1/16" - 3/16" | 18T | 6 x 3/4 x .039 | 152 x 19 x 1 | 353-618RS | 01047 |  | 1 | |

Jig Saw Blades



- Progressive-tooth design delivers faster cutting through a broad range of material types and thicknesses.
- Shatterproof bi-metal construction with high speed cobalt matrix cutting edge.
- For rough and finish cutting in full range of applications including wood (even with nails), metal, plaster, drywall and fiberglass.
- Tungsten Carbide Grit Edge blade style.
 - No teeth to snag, cuts efficiently on both up and down strokes for extra smooth finishes.
 - Additional cutting application for cast iron, tile, pipe, ceramic.
- Center front tooth makes plunge cuts quick and easy.

JIG SAW BLADES

| CAT. NO. | UPC NO. | DESCRIPTION | TEETH | TYPE | APPLICATION | TEETH PER INCH | QTY. PER PK. |
|----------|---------|--------------------------------------|-------------|----------------------------------|----------------------------|----------------|--------------|
| 373-U123 | 09994 | 3-5/8" Universal Jig Saw Blade | Progressive | High-speed Steel | Metal | 18 | 5 |
| 373-U234 | 09993 | 4-1/4" Universal Jig Saw Blade | Progressive | High-carbon Steel | Wood | 6 | 3 |
| 373-U345 | 09995 | 5" Universal Jig Saw Blade | Progressive | Bimetal | General | 18 | 5 |
| 373-U300 | 09996 | 2-3/4" Universal Jig Saw Blade | Grit | Carbide Grit | Abrasive Materials | 18 | 2 |
| 373-T123 | 10004 | 4" T-Shank Jig Saw Blade | Progressive | High-speed Steel | Metal | 18 | 3 |
| 373-T234 | 10003 | 4-1/2" T-Shank Jig Saw Blade | Progressive | High-carbon Steel | Wood | 6 | 5 |
| 373-T345 | 10005 | 5-1/4" T-Shank Jig Saw Blade | Progressive | Bimetal | General | 18 | 5 |
| 373-TVAR | 10006 | T-Shank Jig Saw Blade – Variety Pack | Progressive | 373-T123 373-T234 373-T345 | Metal, Wood and General | 6 | 1 ea. |

FLEXIBLE CONDUIT CUTTERS

MC Cable Cutter

**NEW
PRODUCT**



0952-01

- Use With AC and MC Cable up to 1".
- Adjustable up to 1" outside diameter.
- Cuts in seconds with a few quick turns of the crank and an easy twist of the armor.
- Convenient under-handle blade storage holds spare blades.
- Quick load clamp system makes repeat cuts fast and easy.
- Use with replacement blades Greenlee Cat #1941-1 or #1941-5.

SPECIFICATIONS

| | |
|-------------------|--------------------------------------|
| Dimensions | 10.63" x 6.13" x 2.5" (270x156x64mm) |
| Weight | 0.72 lbs (0.33kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------|
| 0952-01 | 02072 | Cutter, Cable MC |

HAND SAWS

12" Hack Saw



| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------------|
| 333A | 23635 | 12" (305 mm) Heavy-Duty Hack Saw |

SPECIFICATIONS

| | |
|-----------------|----------------------|
| Capacity | 12" (304.8 mm) Blade |
| Weight | 1.4 lbs. (0.7 kg) |

REPLACEMENT HACK SAW BLADES

| CAT. NO. | UPC NO. | DESCRIPTION | QTY. PER PK |
|----------|---------|--|-------------|
| 333-1218 | 10037 | 12" (305 mm) Bi-metal Blade, 18 Teeth Per Inch | 5 |
| 333-1224 | 10038 | 12" (305 mm) Bi-metal Blade, 24 Teeth Per Inch | 5 |
| 333-1232 | 10039 | 12" (305 mm) Bi-metal Blade, 32 Teeth Per Inch | 5 |

Keyhole Saw



- Ergonomic-style handle with non-slip grip creates a sure and comfortable feel.
- Hardened steel blade makes cutting drywall, cement board, plastic and wood quick and easy.
- Blade goes through the handle for maximum support of the cutting blade.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------------------|
| 301A | 23641 | Keyhole Saw with 6" Blade (152 mm) |

PVC Saws

322-013



- "V" tooth design enables straight cuts on both push and pull saw strokes.
- Resharpenable blade.
- Pointed blade nose makes drywall surface penetration easy.
- Ergonomic handle is interchangeable with most popular PVC saw brands.

| CAT. NO. | UPC NO. | BLADE LENGTH | DESCRIPTION |
|------------------|---------|--------------|-----------------|
| 322-013 | 00113 | 13" (330 mm) | PVC Saw |
| R 322-113 | 00115 | 13" (330 mm) | Blade for 00113 |
| R 322-118 | 00116 | 18" (457 mm) | Blade for 00114 |

BAND SAWS

Heavy-Duty Band Saw



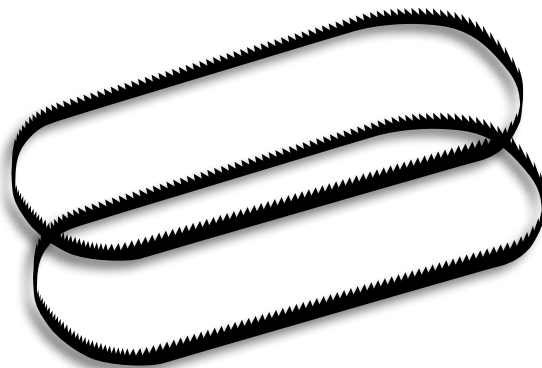
- Cuts up to 8" pipe and 9-1/2" x 11" (241 x 280 mm) tray or duct.
- Convertible to wet cutting systems with optional accessories.
- Three sawing speeds 76, 141, and 268 feet per minute (23, 43, and 82 meters per minute).
- Converts to vertical in seconds.
- Automatic shut-off after cut is complete.
- Sturdy wheels for mobility and stability.
- Heavy-duty, adjustable hydraulic feed.
- Heavy-duty, steel bed with welded steel legs.

SPECIFICATIONS

| | |
|---------------------|---|
| Capacity | Rectangular 9-1/2" x 11" (241.3 x 279.4 mm) Round 9-1/2" Dia. or 8" Pipe (241.3 mm) 45° Angle 5-1/2" (139.7 x 139.7 mm) Vertical Work Table 7-5/8" x 10" (193.7 x 254.0 mm) Throat Height 9-1/2" (241.3 mm) Throat Depth 6-1/4" (158.8 mm) |
| Dimensions | 52" H. x 47" L. x 27" W. (13208 H. x 11938 L. x 685.8 W. mm) |
| Power Source | 1399-120 VAC 1/2 Horsepower. 1399-22 - 220 VAC |
| Weight | 346 lbs. (157 kg) |
| Blade Size | 1/2" x .025" x 93" (12.7 mm x 0.64 mm x 2362 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 1399 | 31961 | 9-1/2" x 11: Capacity Mobile Band Saw (241.3 x 279.4 mm) |
| 1399-22 | 32364 | 9-1/2" x 11" Capacity Mobile Band Saw (241.3 x 279.4 mm) 220 VAC |
| 32322 | 32322 | Wet Cutting System for 120VAC 1399 |
| 32237 | 32237 | Vertical Work Table |

Band Saw Blades



- Perfect for your mobile or portable band saw, these top-quality, bi-metal blades feature high-speed steel teeth that can handle even tough metals like stainless steel with ease. Virtually unbreakable, too.
- Bi-metal blades feature high-speed tool steel, bonded to an extra-tough alloy back for maximum hardness and heat resistance.
- Fits most popular models of portable band saws.

MOBILE BAND SAW BLADES


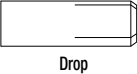


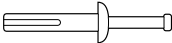

| CAT. NO. | UPC NO. | DESCRIPTION | TYPE | APPLICATION | TEETH PER INCH |
|----------|---------|---|----------|-------------|----------------|
| 399-14A | 32336 | 1/2" x .025" x 93" Mobile Band Saw Blade ¹ | Bi-Metal | Metal | 10/14 |
| 399-18A | 32337 | 1/2" x .025" x 93" Mobile Band Saw Blade ¹ | Bi-Metal | Metal | 18 |
| 399-24A | 32338 | 1/2" x .025" x 93" Mobile Band Saw Blade ¹ | Bi-Metal | Metal | 24 |
| 389-1014 | 10044 | 1/2" x .020" x 44-7/8" Portable Band Saw Blade ² | Bi-Metal | Metal | 10/14 |
| 389-1418 | 10045 | 1/2" x .020" x 44-7/8" Portable Band Saw Blade ² | Bi-Metal | Metal | 14/18 |
| 389-24 | 10043 | 1/2" x .020" x 44-7/8" Portable Band Saw Blade ² | Bi-Metal | Metal | 24 |

¹ Use with 1399 (31961)

² Use with 530 (30276)

ANCHORS AND FASTENERS

Anchor and Fastener Selection Guide

| ANCHOR/FASTENER TYPE | USE IN | USE WITH | MADE OF | SIZE RANGE | GENERAL INFORMATION |
|---|---------------------------------|-------------------------------|-----------------------------|----------------------------|---|
|  Caulking | Concrete, brick, stone, block | Machine screw or bolts | Zinc alloy and lead | 1/4" - 20 to 3/8" - 16 | Single unit caulking anchor, can be set shallow (flush) or deep in hole. Setting tool required (1 provided free in each box of anchors). For setting in hollow block or to set anchors all at the same depth, use Greenlee Screw anchor expander. |
|  Drop | Concrete, brick, stone | Machine screw or bolts | Steel | 1/4" - 20 to 3/8" - 16 | Heavy-duty use in solid masonry where codes require all steel bolt anchors. Pre-assembled, internal expander plug. Can be installed flush with masonry surface or sub-set. Setting tool required (1 provided free in each box of anchors). |
|  Masonry Screw | Concrete, block, brick | No other fastener needed | Steel | 1/4" x 1" to 1/4" x 2-1/2" | A safe, secure fastener that actually taps concrete and eliminates the need for concrete inserts with their alignment problems. Use with Greenlee masonry drill set tool. |
|  Toggle Bolts | Block, wallboard, plaster, tile | No other fastener needed | Steel | L3/16" x 3" to 3/8" x 4" | Available in round head and mushroom head. Fully-threaded machine screw with spring wing toggle head. |
|  Zinc Mushroom Head | Concrete, block, brick | No other fastener needed | Zinc and Steel | 1/4" x 1" to 1/4" x 1-1/2" | Fast, medium-duty. No hole spotting, removable. Use in hollow or solid base applications. |
|  Plastic Conical | Concrete, block, tile, brick | Sheet metal, wood, lag screws | Corrosion-resistant plastic | #6-8 x 1" to #10-12 x 1" | Light-duty, multi-size anchor. Has collar for hollow materials. |

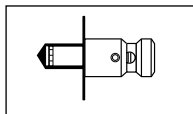
Screw Anchor Expanders for Caulking Anchors



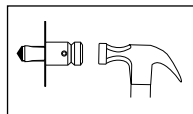
- Quickly and securely set expansive screw anchors in masonry, regardless of thickness.
- Hardened alloy steel.
- Patented.

ANCHOR EXPANDERS

| CAT. NO. | UPC NO. | EXPANSIVE BELT SIZE | USE WITH ANCHOR NO. | QTY. PER BOX | WEIGHT | |
|----------|---------|---------------------|---------------------|--------------|--------|----|
| | | | | | LB. | KG |
| 866 | 02667 | #10 - 24 | 84299 | 1 | .3 | .1 |
| 868 | 02669 | 1/4" - 20 | 84299 | 1 | .4 | .2 |
| 870 | 02671 | 3/8" - 16 | 84305 | 1 | .6 | .3 |



1. Drill hole of required size and put anchor screw on expander. Insert screw anchor into drilled hole.



2. Strike head of expander with hammer or mallet until anchor is held securely in wall. Unscrew expander.

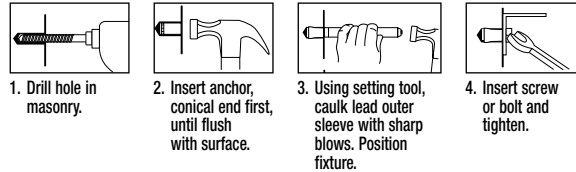
ANCHOR SCREWS

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------|
| 4451AV | 05191 | Anchor Screw for 866 |
| 4457AV | 05197 | Anchor Screw for 868 |
| 4717AV | 05300 | Anchor Screw for 870 |
| 1125GB | 50423 | Roll Pin 1/4" x 1-1/8" |

Caulking Anchors



- Zinc alloy and lead caulking anchor can be set flush or subset. Greenlee setting tool required.
- Rustproof, use interior or exterior.
- For setting in hollow block. To set anchors all same depth, use Greenlee screw anchor expander.



LEAD CAULKING ANCHORS AND SETTING TOOLS

| CAT. NO. | UPC NO. | THREAD | | REQ. HOLE | | SET TOOL* | QTY. PER BOX | WEIGHT | | WORKING LOAD PULLOUT | |
|----------|---------|---------|--|-----------|------------|-----------|--------------|--------|-----|----------------------|-------|
| | | SIZE | | DIA. | MIN. DEPTH | | | LBS | KG | LBS. | KG |
| 84299 | 84299 | 1/4"-20 | | 1/2" | 7/8" | 84329 | 100 | 3.8 | 1.7 | 125 | 56.6 |
| 84305 | 84305 | 3/8"-16 | | 3/4" | 1-1/4" | 84335 | 50 | 7.1 | 3.2 | 312.5 | 141.6 |

*One Setting Tool included with each box of anchors.

Approvals: Conforms to the description in Federal Specification FFS-325, Group I, Type 1, Class 1.

NOTE: Working load is one fourth the ultimate/maximum capacity. For critical or unusual applications, site testing is recommended.

Drop Anchors

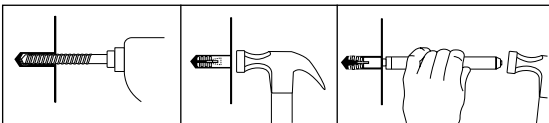


- Heavy-duty steel anchor for use where codes require all steel bolt anchors.
- Pre-assembled, internal expander plug for faster installation.
- Four-way slot design assures firm hold.

SPECIFICATIONS

| Cat./UPC No. | Working Load Pullout | | Working Load Shear | |
|--------------|----------------------|-------|--------------------|-------|
| | lbs. | kg | lbs. | kg |
| 84253 | 1037 | 469.8 | 842.5 | 381.7 |
| 84256 | 1712.5 | 775.8 | 1518.7 | 688.9 |

TO SET ANCHOR FLUSH WITH SURFACES



1. Drill hole the same diameter as anchor being used.
2. Drive anchor flush with concrete.
3. Expand anchor with setting tool provided. Anchor is properly expanded when shoulder of setting tool is flush with top of anchor.

TO SET ANCHOR BELOW SURFACES

1. Drill hole deeper than anchor length. Thread bolt into anchor. Hammer anchor into hole until bolt head is at desired height. Remove bolt and set anchor with setting tool.

NOTE: The use of a 24 to 40 ounce hammer is recommended for expanding the anchor.

DROP ANCHORS AND SETTING TOOLS

| CAT. NO. | UPC NO. | ANCHOR & HOLE DIA. | BOLT THREAD SIZE | MIN. DEPTH | THREAD DEPTH | SETTING TOOL* | QTY. PER BOX | WEIGHT | |
|----------|---------|--------------------|------------------|------------|--------------|---------------|--------------|--------|-----|
| | | | | | | | | LB. | KG |
| 84253 | 84253 | 3/8" | 1/4"-20 | 1-1/8" | 1/2" | 84273 | 100 | 3 | 1.4 |
| 84256 | 84256 | 1/2" | 3/8"-16 | 1-5/8" | 5/8" | 84276 | 50 | 7 | 3.2 |

*One Setting Tool included with each box of anchors.

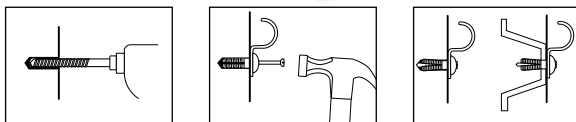
Approvals: Conforms to the description in Federal Specification FFS-325, Group VIII, Type 1, for concrete expansion shield anchors.

NOTE: Working load is one fourth the ultimate/maximum capacity. For critical or unusual applications, site testing is recommended.

Zinc Mushroom Head Drive Anchors



- Fast, medium-duty anchor for use in concrete, block and brick.
- No hole spotting.
- Use in hollow or solid material.
- Made of zinc and steel.

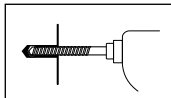
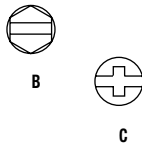


1. Drill required diameter hole in material, to a minimum depth equal the overall anchor minus the thickness of the object to be fastened. Clean hole.
2. Insert anchor body through object to be fastened, and into the hole in base material.
3. Tap the nail until it is flush with the zinc anchor head.

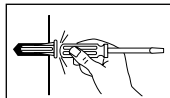
| CAT. NO. | UPC NO. | SIZE | REQUIRED HOLE SIZE | QTY. PER BOX | WEIGHT | |
|----------|---------|---------------|--------------------|--------------|--------|-----|
| | | | | | LBS | KG |
| 84110 | 84110 | 1/4" x 1" | 1/4" | 100 | 2 | .9 |
| 84111 | 84111 | 1/4" x 1-1/4" | 1/4" | 100 | 2.4 | 1.1 |

NOTE: For critical or unusual applications, site testing is recommended.

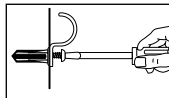
Plastic Conical Anchors



1. Drill hole full length of anchor or 1/8" deeper.



2. Tap anchor into hole flush with surface.



3. Insert screw through fixture into plastic plug and tighten.

- Light-duty, multi-size anchor for use in concrete, block, tile and brick.
- Use with sheet metal, wood and lag screws.
- Has collar for hollow materials.
- Moisture and chemical resistant, for indoor/outdoor use.
- Anchor kits include 100 anchors, 100 screws and one masonry bit.

ANCHORS ONLY

| CAT. NO. | UPC NO. | USE WITH | REQUIRED | QTY. | WEIGHT | |
|----------|---------|-------------|-----------|---------|--------|----|
| | | SCREW SIZES | HOLE SIZE | PER BOX | LBS. | KG |
| 84003 | 84003 | #6 - #8 | 3/16" | 100 | .2 | .1 |
| 84006 | 84006 | #10, #12 | 1/4" | 100 | .2 | .1 |

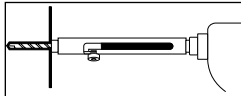
ANCHORS KITS

| CAT. NO. | UPC NO. | ANCHOR | SCREW | BIT | WEIGHT | | |
|----------|---------|----------|----------|-----|--------|------|------|
| | | SIZE | SIZE | | TYPE | SIZE | LBS. |
| 84009 | 84009 | #6, #8 | #8 x 1" | C | 3/16" | .8 | .4 |
| 84012 | 84012 | #10, #12 | #10 x 1" | C | 1/4" | 1 | .5 |
| 84015 | 84015 | #10, #12 | #12 x 1" | C | 1/4" | 1.4 | .6 |
| 84019 | 84019 | #10, #12 | #10 x 1" | B | 1/4" | 1.1 | .5 |

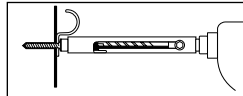
Masonry Screw Anchors



Masonry Screw Anchors must be used with Greenlee masonry screw drill bits, numbers 84484 and 84487, which are a special size to insure secure thread engagement. Standard masonry bit size holes will not provide proper contact with screw threads and may cause masonry anchor screws to pull out.



1. Use set Tool with bit in drilling position to drill hole in surface.



2. Retract bit, insert masonry screw into socket head of tool and drive screw into hole.

- A safe, secure, steel fastener that taps concrete and eliminates the need for concrete inserts with their alignment problems.
- Use with Greenlee masonry drill set tool.
- Use in concrete, block and brick.
- Quick and easy two-step installation, saves time.

MASONRY SCREW ANCHORS – EACH BOX OF 100 INCLUDES 1 BIT

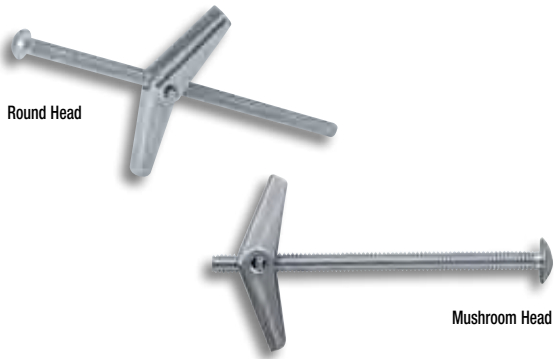
| CAT. NO. | UPC NO. | SIZES | MATERIAL CONCRETE 3000 PSI | | | QTY. | WEIGHT | |
|----------|---------|---------------|----------------------------|--------------|--------------|---------|--------|----|
| | | | MIN. EMBEDMENT | PULLOUT LBS. | PULLOUT LBS. | PER BOX | LBS. | KG |
| 84469 | 84469 | 1/4" x 1" | 3/4" | 1180 | 100 | 1.2 | .5 | |
| 84475 | 84475 | 1/4" x 1-1/2" | 1-1/4" | 1800 | 100 | 1.6 | .7 | |
| 84478 | 84478 | 1/4" x 2" | 1-1/4" | 1800 | 100 | 1.8 | .8 | |
| 12350 | 12350 | 1/4" x 2-1/2" | 1-1/4" | 1800 | 100 | 2.1 | 1.0 | |

INSTALLATION TOOLS

| CAT. NO. | UPC NO. | DESCRIPTION | QTY. | WEIGHT | |
|----------|---------|--|---------|--------|----|
| | | | PER BOX | LBS. | KG |
| 84466 | 84466 | Masonry Screw Drill Set Tool with 84484 Bit | 1 | .4 | .2 |
| 84484 | 84484 | 3-1/2" Masonry Screw Drill Bit – for use with 1" to 1-1/2" long screws | 1 | — | — |

NOTE: For use in lightweight, hollow core concrete block, minimum embedment 1-3/8", pullout 715 lbs. Due to the variance in make-up of cement block, values will vary. It is suggested that the anchor be tested in specific material being used before installing fixtures.

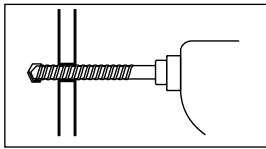
Toggle Bolts and Spring Wings



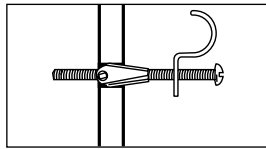
- For light to medium fastening in block, wallboard, plaster and hollow tile.
- Fully threaded machine screw with spring wing toggle head.
- Generous size of toggle head acts to spread the load over a maximum area.

TOGGLE BOLTS AND SPRING WINGS

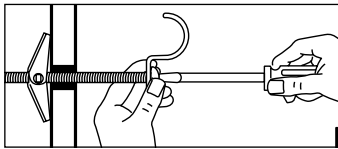
| CAT. NO. | UPC NO. | TOGGLE BOLT | | REQUIRED HOLE SIZE | QTY. PER BOX | WEIGHT | |
|----------|---------|-------------|----------|--------------------|--------------|--------|-----|
| | | SIZE | HEAD | | | LBS. | KG |
| 84405 | 84405 | 1/4" x 4" | Round | 11/16" | 50 | 3.7 | 1.7 |
| 84424 | 84424 | 3/16" x 3" | Mushroom | 1/2" | 50 | 1.9 | .9 |
| 84425 | 84425 | 3/16" x 4" | Mushroom | 1/2" | 50 | 2.2 | 1.0 |
| 84428 | 84428 | 1/4" x 3" | Mushroom | 11/16" | 50 | 3.3 | 1.5 |
| 84429 | 84429 | 1/4" x 4" | Mushroom | 11/16" | 50 | 3.8 | 1.7 |



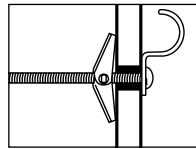
1. Drill hole completely through wall.



2. Insert bolt through items to be fastened. Fold wings completely back, then push through hole until wings spring open.



3. Pull back to hold wings against inside wall while tightening with screw driver.



MASONRY BITS

Quick Change Carbide Tipped Masonry Bits

NEW PRODUCT



MAS-SET-9

- One piece hardened carbon steel body and hex shank for a stronger, more concentric bit that will not disassemble when drilling in deep or tough materials.
- Carbide grade tip for faster penetration and longer bit life.
- Hammer drill rated for use in either standard or hammer drills.
- 1/4" quick-change hex for fast bit changes. Use in quick-change chucks, conventional adjustable drill chucks, and hex adapters for more versatility.
- Set includes diameters and lengths most commonly used by electricians.

SPECIFICATIONS

| | Dimensions | Weight |
|-----------|---------------------|--------|
| MAS-1/2 | 1.9" x 6.3" x .5" | 0.2 |
| MAS-1/4 | 1.9" x 6.3" x .25" | 0.1 |
| MAS-1/8 | 1.9" x 11.6" x .13" | 0.1 |
| MAS-3/16 | 1.9" x 6.3" x .2" | 0.1 |
| MAS-3/8 | 1.9" x 6.3" x .38" | 0.2 |
| MAS-5/16 | 1.9" x 6.3" x .32" | 0.2 |
| MAS-5/32 | 1.9" x 6.3" x .16" | 0.1 |
| MAS-SET | 7.5" x 5.5" x .5" | 0.3 |
| MAS-SET-9 | 7.9" x 5.4" x 1" | 0.8 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|---|
| MAS-1/2 | 04943 | 1/2" Masonry Drill Bit, (POP) |
| MAS-1/4 | 26322 | 1/4" Masonry Drill Bit (POP) |
| MAS-1/8 | 02162 | 1/8" Masonry Drill Bit (POP) |
| MAS-3/16 | 26315 | 3/16" Masonry Drill Bit (POP) |
| MAS-3/8 | 19202 | 3/8" Masonry Drill Bit (POP) |
| MAS-5/16 | 04942 | 5/16" Masonry Drill Bit (POP) |
| MAS-5/32 | 04941 | 5/32" Masonry Drill Bit (POP) |
| MAS-SET | 26318 | Masonry Drill Set (POP) Includes: (1) 1/4", (1) 3/16", (1) 3/8", (1) 5/32" |
| MAS-SET-9 | 02145 | Hex Quick Change Masonry Bit Kit (POP) Includes: (1) 1/2", (2) 1/4", (2) 3/16", (1) 3/8", (1) 5/16", (2) 5/32" |

SDS-PLUS Carbide Tipped Masonry Bits

NEW PRODUCT



SDS-SET-5

- Hardened, premium carbide insert tip is strong and stays sharp longer for finer material break up and easier drilling.
- Shaft made from hardened alloy steel for heavy shock resistance and longer bit life.
- Carbide tip sized in inches versus mm for more accurate hole size.
- H-Style flute for faster drilling and material removal
- SDS Plus drive for more secure hold in rotary hammer drill.
- Kit includes diameters and lengths most commonly used by electricians.

SPECIFICATIONS

| | Dimensions | Weight |
|-----------|--------------------|--------|
| SDS-1/2 | 1.9" x 9.3" x .5" | 0.3 |
| SDS-1/4 | 1.9" x 9.3" x .25" | 0.1 |
| SDS-3/16 | 1.9" x 9.3" x .2" | 0.1 |
| SDS-3/4 | 1.9" x 11.6" x .8" | 0.6 |
| SDS-3/8 | 1.9" x 9.3" x .38" | 0.3 |
| SDS-5/8 | 1.9" x 9.3" x .63" | 0.6 |
| SDS-SET-5 | 7.3" x 9.9" x 1" | 1.6 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|---|
| SDS-1/2 | 04947 | 1/2" SDS-Plus Masonry Bit 6" (POP) |
| SDS-1/4 | 04945 | 1/4" SDS-Plus Masonry Bit, 6" (POP) |
| SDS-3/16 | 04944 | 3/16" SDS-Plus Masonry Bit, 6" (POP) |
| SDS-3/4 | 02163 | 3/4" SDS-Plus Masonry Bit, 8- 1/4" (POP) |
| SDS-3/8 | 04946 | 3/8" SDS-Plus Masonry Bit, 6" (POP) |
| SDS-5/8 | 04948 | 5/8" SDS-Plus Masonry Bit, 6" (POP) |
| SDS-SET-5 | 02154 | SDS-Plus Masonry Bit Kit (POP) Includes: (1) 3/16", (1) 1/4", (1) 3/8", (1) 1/2", (1) 5/8" |

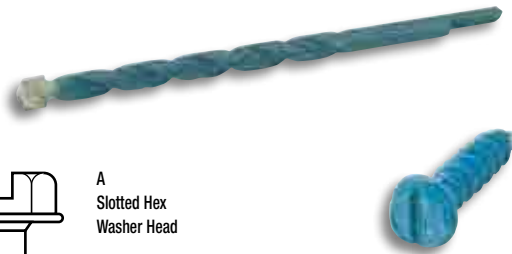
Multi-Purpose Installation Tool



- Multi-purpose tool designed to be used with all sizes and styles of Tapcon® masonry fasteners.
- Tapcon® anchors are easy to install... a simple, two-step operation – drill the hole, then drive the fastener with the Condrive tool.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| LP 100 | 07100 | Condrive 1000 kit consists of: Drill Adapter, Drill Sleeve Assembly, 5/16" Hex Driver-Magnetic, 1/4" Hex Socket for 3/16" Anchor, Phillips Bit, #2 Phillips Bit, #3 Phillips Bit, 1/8" Hex Key, Set Screw 1/4-28, Drive Sleeve Assembly for 5" & 6" Anchors |

TAPCON® Masonry Fasteners and Drill Bits



A
Slotted Hex
Washer Head

- Corrosion-resistant – All Tapcon® fasteners are protected against rust and corrosion by the exclusive Stalgard® finish.
- Fast – install two or three Tapcon® fasteners per minute. Simple two-step operation – drill, then drive – eliminates the need to set anchors.
- Strong – Tapcon® fasteners and the masonry material are mechanically linked for exceptionally strong pullout strength.
- Removable – Tapcon® fasteners can be removed and reinserted in the same hole. Great for repairs or adjustments.
- Available in two diameters – 1/4" and 3/16".
- Made in USA.

TAPCON® MASONRY FASTENERS – EACH BOX OF 100 INCLUDES 1 BIT

| CAT. NO. | UPC NO. | FASTENER | | EMBEDMENT | | MAXIMUM ATTACHMENT THICKNESS | Qty. PER BOX |
|----------|---------|----------------|------|-----------|--------|------------------------------|--------------|
| | | SIZE | TYPE | MIN. | MAX. | | |
| LE 405 | 07405 | 1/4" x 1-1/4" | A | 1" | 1-3/4" | 1/4" | 100 |
| LE 445 | 07445 | 1/4" x 3-1/4" | A | 1" | 1-3/4" | 2-1/4" | 100 |
| LE 455 | 07455 | 1/4" x 3-3/4" | A | 1" | 1-3/4" | 2-3/4" | 100 |
| LE 310 | 07310 | 3/16" x 1-3/4" | A | 1" | 1-3/4" | 3/4" | 100 |
| LE 320 | 07320 | 3/16" x 2-1/4" | A | 1" | 1-3/4" | 1-1/4" | 100 |

Cutting/Threading Oil

- Premium quality, high lubricity for easier cutting and long tool life.
- Choice of light or dark.



SPECIFICATIONS

| Cat. No. | Size | Weight |
|--------------|----------------|-----------------|
| 462-Q, 463-Q | 1 Qt. (.9 l) | 2.3 lbs. (1 kg) |
| 462-1, 463-1 | 1 Gal. (3.8 l) | 8.7 lbs. (4 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------------------|
| 462B | 11412 | Dark Cutting/Threading Oil - 1 Pt. |
| 462-Q | 28237 | Dark Cutting/Threading Oil - 1 Qt. |
| 462-1 | 26096 | Dark Cutting/Threading Oil - 1Gal |
| 463-Q | 28238 | Light Cutting/Threading Oil - 1 Qt |
| 463-1 | 28239 | Light Cutting/Threading Oil - 1 Gal |

NOTES



A PRODUCT VIDEO IS AVAILABLE,
SCAN THIS QR CODE OR VISIT:
www.youtube.com/GreenleeDEMO



**NEW
PRODUCT**

POWER TOOLS

IP56 RATED TO PROTECT FROM DUST, WATER, AND ANYTHING ELSE THE JOBSITE THROWS AT YOU, GREENLEE POWER TOOLS COMBINE LONG LASTING LI-ION TECHNOLOGY WITH PROFESSIONAL DESIGN FOR TODAY'S MODERN CONTRACTOR.

PROVL™
LITHIUM-ION POWER TOOLS



Contents

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| Hammer Drill/Drivers | 146 |
| Pivoting Drill/Driver | 148 |

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FAX 800.451.2632

CANADA PHONE 866.384.8813
FAX 800.524.2653

INT'L PHONE +1.815.397.7070
FAX +1.815.397.9247



SAWS

LCS-144 Electrician's Metal Cutting Circular Saw

NEW PRODUCT

14.4V
Lithium-Ion



The Greenlee circular saw is designed primarily to cut metal—almost any metal. This includes conduit, strut, and threaded rod. Plus, the blade doesn't leave burrs, so chasing threads or filing the edges isn't needed. The full surround blade guard contains most of the chips, and with its compact size, it will work where larger saws can't. It even has a LED work light so you can make straight cuts in dark locations.



- High capacity battery: 14.4V LI-ION
- Lightweight 5.7 lbs (2.59 kg)
- IP-56 Rated: Keeps out dust and water
- Blade depth cuts unistrut in one pass
- 3-way chip control system (vacuum cleaner, chip case or eject from rear of tool)
- Shaft lock for easy blade replacement
- Electronic performance monitoring system maximizes battery life
- LED work light

INCLUDES:

- (1) 14.4V Metal Cutting Circular Saw with LCS-M13C Metal Blade,
- (2) 14.4V Lithium-Ion Compact Batteries, (1) 14.4V – 28.8V Battery Charger, (1) Carrying Case



NEW PRODUCT

Available Blades



LCS-W13A
CARBIDE-TIPPED
WOOD CIRCULAR
SAW BLADE - 5-3/8"
(REGULAR)



LCS-W13B
CARBIDE-TIPPED
WOOD CIRCULAR
SAW BLADE - 5-3/8"
(THIN)



LCS-M13C
CARBIDE-TIPPED
METAL CIRCULAR
SAW BLADE - 5-3/8"
(REGULAR)



LCS-M13D
CARBIDE-TIPPED
METAL CIRCULAR
SAW BLADE - 5-3/8"
(THIN)

SPECIFICATIONS

| | |
|-----------------------|----------------------------|
| Battery | 14.4V Lithium-Ion |
| Charging Time | 35 min Usable, 50 min Full |
| Arbor Size | 20.000 mm |
| Blade Diameter | 5-3/8" Outer |
| Cutting Depth | 1-13/16" |
| Speed | 3600 RPM |
| Type | Metal Cutting |

| CAT NO. | UPC | DESCRIPTION |
|----------|-------|-------------------------------------|
| LCS-144 | 95936 | Metal Cutting Circ Saw Kit - 14.4V |
| LDS-144 | 05098 | Combo Kit (Drill & Saw) |
| LBC-81B | 95945 | Battery Charger - 7.2-28.8V (Pt) |
| LBP-144 | 95942 | Li-Ion Battery - 14.4V (Pt) |
| LCS-M13C | 95946 | Blade, Metal Circ Saw - 5-3/8" Reg |
| LCS-M13D | 95947 | Blade, Metal Circ Saw - 5-3/8" Thin |
| LCS-W13A | 95948 | Blade, Wood Circ Saw - 5-3/8" Reg |
| LCS-W13B | 95949 | Blade, Wood Circ Saw - 5-3/8" Thin |

DRILL/DRIVERS

LDD-144 1/2" LI-ION Electrician's Drill/Driver

NEW PRODUCT

14.4V
Lithium-Ion



Intertek
3136277



INCLUDES:

- (1) 14.4V Drill/Driver, (2) 14.4V Lithium-Ion Compact Batteries,
- (1) 14.4V – 28.8V Battery Charger, (1) Carrying Case

This drill/driver is small and light. It is easy to carry around and easy to fit into tight spaces. Yet, with its 14.4V LI-ION battery, it has enough power to drive Greenlee's top performing Self-Feeding spade bits—up to 42 holes in 1-1/2" wood with a 7/8" bit. With 18 clutch settings, it can be set to drive just about any screw properly.

- Lightweight: 3.7 lbs. (1.68 kg)
- IP-56: Keeps out dust and water
- High capacity battery: 14.4V LI-ION
- High power: 390 in-lb
- Clutch torque: 4.4 to 39.0 in-lb, 18 stages (2 in-lb per stage)
- 1/2" Heavy-duty keyless chuck
- Over molded grip for comfort
- Electronic performance monitoring system maximizes battery life
- Belt hook



SPECIFICATIONS

| | |
|----------------------|---|
| Battery | 14.4 V Lithium-Ion |
| Charging Time | 35 min Usable, 50 min Full |
| Chuck Size | 1/2" |
| Clutch Torque | 4.4 - 39.0 IN-LB 18 Stages (2 IN-LB Per Stage) |
| Speed | 60 - 400 RPM Low, 200 - 1350 RPM High |
| Torque | 390 IN-LB |

| CAT NO. | UPC | DESCRIPTION |
|------------------|-------|----------------------------------|
| N LDD-144 | 95934 | Drill/Driver Kit - 14.4V |
| N LDS-144 | 05098 | Combo Kit (Drill & Saw) |
| A LBC-81B | 95945 | Battery Charger - 7.2-28.8V (Pt) |
| A LBP-144 | 95942 | Li-Ion Battery - 14.4V (Pt) |

COMBO KIT

LDS-144 Combo Kit

14.4V
Lithium-Ion

INCLUDES:

- (1) LDD-144 Drill/Driver
- (1) LCS-144 Metal Cutting Circular Saw
- (2) 14.4V Lithium-Ion Compact Batteries
- (1) 14.4V – 28.8V Battery Charger
- (1) Heavy-Duty Multi-Pocket Bag



| CAT NO. | UPC | DESCRIPTION |
|------------------|-------|-------------------------|
| N LDS-144 | 05098 | Combo Kit (Drill & Saw) |

LDD-216 1/2" LI-ION Electrician's Drill/Driver

**NEW
PRODUCT**

21.6V
Lithium-Ion



This drill/driver is a rugged workhorse for day after day heavy-duty drilling, yet at 5.4 pounds it is one of the lightest drills in its class. The high capacity 21.6V LI-ION battery delivers plenty of power to drill up to 139 holes 3/4" diameter in 1-1/2" wood. It includes an accessory handle for better control, and it features an 18 stage clutch so you can drive screws to just the right torque.

- Lightweight: 5.4 lbs. (2.45 kg)
- IP-56: Keeps out dust and water
- High capacity battery: 21.6V LI-ION
- Clutch torque: 8.8 to 61.0 in-lb (3.0 in-lb. per stage), 18 stages
- 1/2" Heavy-duty keyless chuck
- Over molded grip for comfort
- Electronic performance monitoring system maximizes battery life
- LED work light
- Rugged all-metal gear system
- Fan-cooled motor for long life

INCLUDES:

(1) 21.6V Drill/Driver, (2) 21.6V Lithium-Ion Compact Batteries,
(1) 14.4V – 28.8V Battery Charger, (1) Carrying Case



SPECIFICATIONS

| | |
|----------------------|---|
| Battery | 21.6 V Lithium-Ion |
| Charging Time | 45 min Usable, 60 min Full |
| Chuck Size | 1/2" |
| Clutch Torque | 8.8 - 61.0 IN-LB 18 Stages (3.0 IN-LB Per Stage) |
| Speed | 100 - 400 RPM Low, 350 - 1500RPM High |
| Torque | 575 IN-LB |

| CAT NO. | UPC | DESCRIPTION |
|------------------|-------|----------------------------------|
| N LDD-216 | 95937 | Drill/Driver Kit - 21.6V |
| A LBC-81B | 95945 | Battery Charger - 7.2-28.8V (Pt) |
| A LBP-216 | 95943 | Li-Ion Battery - 21.6V (Pt) |

LHD-216 1/2" LI-ION Electrician's Hammer Drill/Driver

NEW PRODUCT

21.6V
Lithium-Ion



The LHD-216 provides the same heavy-duty drilling and bit driving performance as the LDD-216 drill/driver, plus it offers the hammer function for drilling up to 1/2" holes in masonry. It is truly a multi-purpose tool. Turn the chuck collar to any of the 18 clutch positions for bit driving, or to the drilling or the hammer drill position. Yet with all of these functions, it only weighs 5.6 pounds.

- Light weight: 5.6 lbs. (2.54 kg)
- IP-56: Keeps out dust and water
- High capacity battery: 21.6V LI-ION
- High speed masonry drilling: 1,500 rpm / 27,000 bpm
- Clutch torque: 8.8 to 61.0 in-lb (3.0 in-lb per stage) 18 stages
- 1/2" Heavy-duty keyless chuck
- Over molded grip for comfort
- Electronic performance monitoring system provides longer battery life
- LED work light
- Rugged all-metal gear system
- Fan-cooled motor for long life

INCLUDES:

- (1) 21.6V Drill/Driver, (2) 21.6V Lithium-Ion Compact Batteries,
(1) 14.4V – 28.8V Battery Charger, (1) Carrying Case



SPECIFICATIONS

| | |
|-------------------------|--|
| Battery | 21.6V Lithium-Ion |
| Charging Time | 45 min Usable, 60 min Full |
| Chuck Size | 1/2" |
| Clutch Torque | 8.8 - 61.0 IN-LB, 18 Stages (3.0 IN-LB Per Stage,) |
| Blows Per Minute | 1800 - 7200 BPM Low, 6300 - 27000 BPM High |

| CAT NO. | UPC | DESCRIPTION |
|------------------|-------|----------------------------------|
| N LHD-216 | 95938 | Hammer Drill/Driver Kit - 21.6V |
| A LBC-81B | 95945 | Battery Charger - 7.2-28.8V (Pt) |
| A LBP-216 | 95943 | Li-Ion Battery - 21.6V (Pt) |

HAMMER DRILL/DRIVERS

LRH-144 Electrician's 1/2" SDS-plus Rotary Hammer Drill/Driver

**NEW
PRODUCT**

14.4V
Lithium-Ion



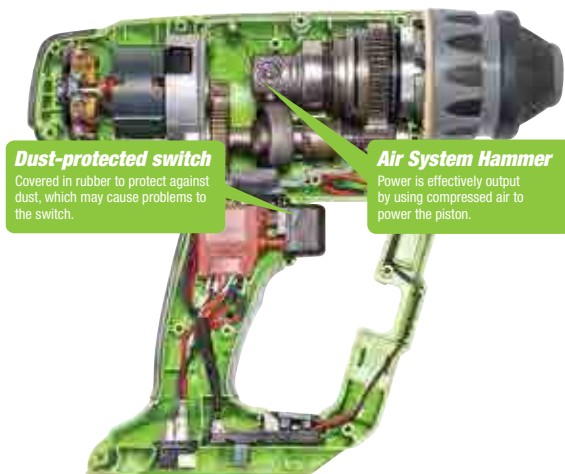
Intertek
3193286

With this one tool, you can do a complete concrete anchor installation. In the hammer mode, you can use a SDS masonry bit to drill the anchor hole. Then you can change to the drilling mode and use the included bit adapter to drive the screw into the anchor. Plus the LRH-144 has 5 clutch settings so you can use just the right amount of torque for the screw. The 14.4V LI-ION battery provides plenty of power to drill up to 12 holes of 1/2" diameter x 1-1/2" deep in concrete.

- Lightweight: 5.1 lbs. (2.31 kg)
- IP-56: Keeps out dust and water
- High capacity battery: 14.4V LI-ION
- Hammering force: 21.6 kN
- Blow rate per minute (rotation with hammering): 0–3,800 bpm
- SDS-plus bit system
- Adapter for 1/4" hex shank bits
- Exclusive integrated drill/driver function
- Electronic performance monitoring system provides longer battery life
- Dust-proof switch ensures long life



Air-Coupling Hammer Mechanism provides quick hole drilling in hard concrete!



Dust-protected switch
Covered in rubber to protect against dust, which may cause problems to the switch.

Air System Hammer
Power is effectively output by using compressed air to power the piston.

SPECIFICATIONS

| | |
|-------------------------|--|
| Battery | 14.4V Lithium-Ion |
| Charging Time | 35 min Usable, 50 min Full |
| Shank | SDS-plus |
| Clutch Torque | 13 - 48.7 IN-LB (5 Stages - 8.8 IN-LB Per Stage) |
| Speed | 0 - 1000 RPM (No Load) |
| Blows Per Minute | 0 - 3800 BPM |
| Hammering Force | 21.6 KN |

| CAT NO. | UPC | DESCRIPTION |
|------------------|-------|--|
| N LRH-144 | 95935 | Rotary Hammer Drill Driver Kit - 14.4V |
| A LBC-81B | 95945 | Battery Charger - 7.2-28.8V (Pt) |
| A LBP-144 | 95942 | Li-Ion Battery - 14.4V (Pt) |

INCLUDES:

(1) 14.4V Rotary Hammer Drill/Driver, (2) 14.4V Lithium-Ion Compact Batteries, (1) 14.4V – 28.8V Battery Charger, (1) Carrying Case, (1) Shoulder Strap, (1) Bit Adapter

LRH-288 Electrician's 3/4" SDS-plus Rotary Hammer

NEW PRODUCT

28.8V
Lithium-Ion

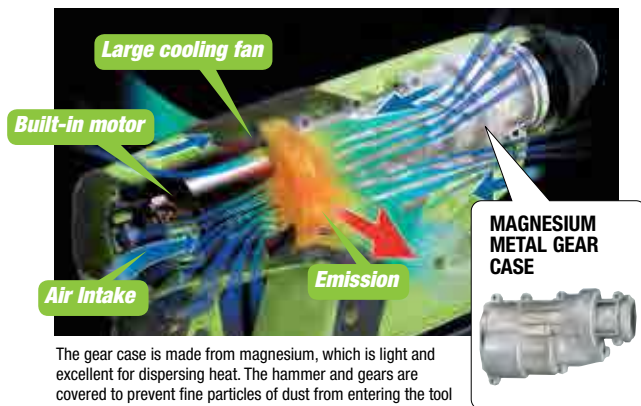


This is one tough rotary hammer. With its magnesium gear case housing that provides excellent heat dispersal and its cooling fan that flows air around the gear case, it is capable of drilling up to 9/16" diameter holes in concrete continuously. Also, the large cooling fan provides enough air flow to prevent tool-killing dust buildup, and the two-finger trigger is sealed to prevent dust entry. Use the Soft hammer selection for holes up to 3/16" diameter and the Hard hammer selection for holes from 3/16" through 3/4" diameter.

- Lightweight: 8.4 lbs. (3.81 kg)
- IP-56: Keeps out dust and water
- High capacity battery: 28.8V LI-ION
- Hammering force: 5,300 lbf
- Two speed hammering selection:
High: 0-4,500 bpm, Low: 0-2,800 bpm
- SDS-plus bit system
- Magnesium gear case provides long gear life and heat dispersion
- Ergonomic soft rubber grip for stress reduction
- Electronic performance monitoring system provides longer battery life
- Dust-proof switch ensures long life

Cooling/dust-proof design supports continuous use.

Rigorous continuous use is made possible by air flowing through the space between the gear case and the main unit housing. Which, similar to a radiator, cools the entire gear case containing the hammer and gears which become hot from use. A large cooling fan drives the exhaust system to prevent dust buildup.



The gear case is made from magnesium, which is light and excellent for dispersing heat. The hammer and gears are covered to prevent fine particles of dust from entering the tool and grease from leaking.

SPECIFICATIONS

| | |
|------------------------|-------------------------------------|
| Battery | 28.8V Lithium-Ion |
| Charging Time | 55 min Usable, 70 min Full |
| Shank | 3/8" SDS-plus |
| Speed | 0 - 920 RPM High, 0 - 500 RPM Low |
| Hammering Speed | 0 - 4500 BPM High, 0 - 2800 BPM Low |
| Hammering Force | 5300 LBF |
| Application | For Holes Up To 1" Diameter |

| CAT NO. | UPC | DESCRIPTION |
|------------------|-------|----------------------------------|
| N LRH-288 | 95939 | Rotary Hammer Kit - 28.8V |
| A LBC-81B | 95945 | Battery Charger - 7.2-28.8V (Pt) |
| A LBP-288 | 95944 | Li-Ion Battery - 28.8V (Pt) |

INCLUDES:

- (1) 28.8V Rotary Hammer, (2) 28.8V Lithium-Ion Compact Batteries, (1) 14.4V – 28.8V Battery Charger, (1) Carrying Case, (1) Shoulder Strap

PIVOTING DRILL/DRIVERS

LSD-36 LI-ION Electrician's Pivoting Drill/Driver

NEW
PRODUCT

3.6V
Lithium-Ion



Intertek
3193286

This screwdriver can be used to drive a wide variety of screws and to drill small diameter holes. To fit a variety of situations, it can be used as a straight tool or as a pistol style tool. It has 21 clutch stages to precisely provide the right torque for almost any screw, and when the clutch setting is reached, the tool automatically shuts off to save battery and clutch life.



- Lightweight: 1.1 lbs. (0.50 kg)
- IP-56: Keeps out dust and water
- 2 speed reversible: Low: 200 rpm, High: 600 rpm
- Clutch torque: 2.7 to 25.7 in-lb (0.9 in-lb per stage) 21 stages
- 1/4" Hex quick change chuck
- Maximum screw driving: Wood screws 5/32" diameter x 1-1/2"
- Powerful maximum torque:
Low speed: 39.0 in-lb, High speed: 13.3 in-lb
- Anti-slip rubber grip to maintain a better grip
- LED work light



SPECIFICATIONS

| | |
|----------------------|---|
| Battery | 3.6V Lithium-Ion |
| Charging Time | 15 min Usable, 30 min Full |
| Chuck Size | 1/4" Hex Quick Change |
| Clutch Torque | 2.7-25.7 - IN-LB 21 Stages (0.9 IN-LB Per Stage) |
| Speed | 2 Speed reversible, Low: 200RPM, High: 600RPM |
| Torque | 39 IN-LB |

INCLUDES:

- (1) 3.6V Drill/Driver, (2) 3.6V Lithium-Ion Compact Batteries,
(1) 3.6V Battery Charger

| CAT NO. | UPC | DESCRIPTION |
|---------|-------|---------------------------------|
| LSD-36 | 95940 | Screwdriver / Drill - 3.6V |
| LBC-10B | 95951 | Battery Charger - 2.4-3.6V (Pt) |
| LBP-36 | 95950 | Li-Ion Battery - 3.6V (Pt) |



BENDING

SAVE MONEY WITH EVERY BEND USING GREENLEE BENDERS. TRUST GREENLEE AS THE INDUSTRY STANDARD FOR BENDING STUBS, OFFSETS, SADDLES, U-BENDS IN EMT, IMC, PVC COATED AND RIGID CONDUIT.



Contents

| | |
|------------------------|-----|
| Electrical Benders | 151 |
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| Hand Benders | 166 |
| Mechanical Benders | 167 |
| PVC Heaters & Blankets | 169 |
| PVC Accessories | 171 |
| Bender Accessories | 172 |

Bending Selection Guide

| RIGID | PG. NO. | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" | 5" | 6" | |
|--------------------|----------------|-------------|-------------|-----------|---------------|---------------|-----------|---------------|-----------|---------------|-----------|-----------|-----------|--|
| Electric Benders | 151 | █ | | | | | | | | | | | | |
| Hydraulic Benders | 155 | █ | | | | | | | | | | | | |
| Hand Benders | 166 | █ | | | | | | | | | | | | |
| Mechanical Benders | 167 | █ | | | | | | | | | | | | |

| EMT | PG. NO. | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" | 5" | 6" | |
|--------------------|----------------|-------------|-------------|-----------|---------------|---------------|-----------|---------------|-----------|---------------|-----------|-----------|-----------|--|
| Electric Benders | 151 | █ | | | | | | | | | | | | |
| Hydraulic Benders | 155 | | | | █ | | | | | | | | | |
| Hand Benders | 166 | █ | | | | | | | | | | | | |
| Mechanical Benders | 167 | | █ | | | | | | | | | | | |

| IMC | PG. NO. | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" | 5" | 6" | |
|--------------------|----------------|-------------|-------------|-----------|---------------|---------------|-----------|---------------|-----------|---------------|-----------|-----------|-----------|--|
| Electric Benders | 151 | █ | | | | | | | | | | | | |
| Hydraulic Benders | 155 | | | | █ | | | | | | | | | |
| Hand Benders | 166 | █ | | | | | | | | | | | | |
| Mechanical Benders | 167 | █ | | | | | | | | | | | | |

| PVC COATED RIGID | PG. NO. | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" | 5" | 6" | |
|-------------------------|----------------|-------------|-------------|-----------|---------------|---------------|-----------|---------------|-----------|---------------|-----------|-----------|-----------|--|
| Electric Benders | 151 | █ | | | | | | | | | | | | |
| Hydraulic Benders | 155 | | | | █ | | | | | | | | | |

| PVC CONDUIT | PG. NO. | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" | 5" | 6" |
|------------------------|----------------|-------------|-------------|-----------|---------------|---------------|-----------|---------------|-----------|---------------|-----------|-----------|-----------|
| PVC Heaters & Blankets | 169-170 | █ | | | | | | | | | | | |

* 1818, 1818R, 555C, 555CX, 555DX can also bend Stainless Steel Rigid conduit in the same size conduit ranges as steel Rigid conduit using the Rigid shoe group.

† For Stainless Steel EMT conduit bending 855GX can bend 1"-2"; 555C, 555CX, 555DX can bend 1/2", 3/4" & 1-1/2"; and 1818 & 1818T can bend 3/4" & 1" with respective EMT shoe groups.

ELECTRIC BENDERS

Intellibender® Electric Conduit Bender

NEW
PRODUCT

CLASSIFIED
UL US
95R7



- The 855GX is Greenlee's most advanced programmable bender

SIMPLE. READY TO BEND IN 2 STEPS



1 ORIENT SHOES 2 SELECT ANGLE → BEND

PRODUCTIVE. 4X FASTER SETUP¹

ACCURATE. LESS SCRAP & REWORK

| Type of Conduit | Every 100 Pieces Not Scrapped ² |
|-----------------|--|
| 2" Rigid | \$4382.80 |
| 2" EMT | \$1674.00 |

RELIABLE. MORE UPTIME TO BEND³

SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| Amperage Rating | 20 AMP GFCI-Protected Receptacle |
| Power Source | 120 VAC |
| Capacity | 1/2 - 2.000 IN Rigid/EMT/IMC Conduit |
| Weight | 532 lbs. |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 855GX | 12579 | Bender, Electric Conduit - Programmable (120 VAC, 20A) |
| 12582 | 12582 | Shoe Group, 1/2" - 2" PVC Coated Rigid (855GX) |

| CAT NO. | SHOE GROUP | 855GX |
|---------|----------------------|----------------|
| 12581 | 1/2" - 2" PVC Coated | ✓ ¹ |
| 37279 | 1/2" - 2" PVC Coated | |
| 12582 | 1/2" - 2" PVC Coated | ✓ |
| 01700 | 1/2" - 2" PVC Coated | ✓ ¹ |

¹ Need 13855 support roller assembly to bend 1/2"- 1-1/4" PVC coated rigid on 855GX.

BENDING RADII COMBO SHOE GROUP

| SHOE SIZE | INCHES | mm |
|------------------|----------|-------|
| 1/2" EMT | 4-5/16" | 109.5 |
| 1/2" IMC/Rigid | 4-1/4" | 108.0 |
| 3/4" EMT | 5-1/2" | 139.7 |
| 3/4" IMC/Rigid | 5-7/16" | 138.1 |
| 1" EMT | 7" | 177.8 |
| 1" IMC/Rigid | 6-15/16" | 176.2 |
| 1-1/4" EMT | 8-13/16" | 223.8 |
| 1-1/4" IMC/Rigid | 8-3/4" | 222.3 |
| 1-1/2" EMT | 8-3/8" | 212.7 |
| 2" EMT | 9-1/4" | 235.0 |
| 2" IMC/Rigid | 9" | 228.6 |

¹Speed claims based on timed 4-bend saddle comparisons between the 855GX and other similar benders.

²Claims based on list price of 10' long EMT and Rigid conduit.

³Solid-state electronics system rated for 1,000,000+ bends.



A PRODUCT VIDEO IS AVAILABLE. SCAN THIS QR CODE OR VISIT:

www.youtube.com/GreenleeDEMO



Switching the 855GX between vertical and horizontal bending configurations is simple and can be done in seconds with its unique pivoting cylinder.

555® CX/DX Series Electric Benders

NEW PRODUCT



- The 555® Series, commonly referred to as the "triple-nickel", has been completely re-engineered with a rugged exterior for the most demanding environments.

SIMPLE. 2 SHOES CAN HANDLE 6 SIZES (1/2"-2") RIGID, EMT & IMC

ACCURATE. ABSOLUTE-ENCODER BASED CONTROL ON 555DX REDUCES SCRAP & REWORK

RELIABLE. MORE UPTIME TO BEND¹

¹ Solid-state electronics system rated for 1,000,000+ bends.



A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:
www.youtube.com/GreenleeDEMO



SPECIFICATIONS

| | |
|---------------------|--|
| Capacity | 1/2" - 2" Rigid / EMT / IMC / PVC Coated |
| Power Source | 120 VAC, 20 amp GFCI |
| Weight | 300 lbs. |

| CAT NO. | UPC NO. | DESCRIPTION |
|-----------|---------|--|
| 555CX | 12425 | Bender, Electric Conduit with Standard Pendant (120 VAC, 20A) |
| 555CXE | 13972 | Electric Bender, with 13930 1/2" - 2" EMT Shoe Group (120 VAC, 20A) |
| 555CXR | 12426 | Electric Bender, with 28007 1/2" - 2" Rigid Shoe Group (120 VAC, 20A) |
| 555CXRE | 12427 | Electric Bender, with 12580 1/2" - 2" Rigid, EMT Group (120 VAC, 20A) |
| 555DX | 12428 | Bender, Electric Conduit with Digital Angle Pendant (120 VAC, 20A) |
| 555DXE | 13973 | Electric Bender, with 13930 1/2" - 2" EMT Shoe Group (120 VAC, 20A) |
| 555DXR | 12429 | Electric Bender, with 28007 1/2" - 2" Rigid Shoe Group (120 VAC, 20A) |
| 555DXRE | 12430 | Electric Bender, with 12580 1/2" - 2" Rigid, EMT Group (120 VAC, 20A) |
| 555DX-22 | 49840 | Electric Bender, with Digital Angle Pendant (220 VAC, 20A) |
| 555DXR-22 | 49842 | Electric Bender, with 28007 1/2" - 2" Rigid Shoe Group (220 VAC, 20A) |
| A 28007 | 28007 | Shoe Group, 1/2" - 2" Rigid (555 Series) |
| A 13930 | 13930 | Shoe Group, 1/2" - 2" EMT (555 Series) |
| A 12580 | 12580 | Shoe Group, 1/2" - 2" Rigid/EMT Combination (555 Series) |
| A 12581 | 12581 | Shoe Group, 1/2" - 2" PVC Coated Rigid (555 Series) |
| A 13856 | 13856 | Roller Unit, 1-1/2" - 2" IMC (555 Series) Combination Shoe (use with 12580 shoe group) |
| A 12583 | 12583 | Roller Unit, 1-1/2" - 2" EMT (555 Series) Single Groove Shoes (use with 23802 and 23816 shoe groups) |
| A 12584 | 12584 | Roller Unit, 1-1/2" - 2" IMC (555 Series) Single Groove Shoes (use with 26330 shoe group) |

| CAT NO. | SHOE GROUP | 555DX | 555CX | 555 CLASSIC |
|---------|---|----------------|----------------|-------------|
| 12580 | Combination 1/2"- 2" EMT/Rigid ¹ | ✓ | ✓ | |
| 28007 | 1/2"- 2" Rigid | ✓ | ✓ | ✓ |
| 13930 | 1/2"- 2" EMT | ✓ | ✓ | |
| 23802 | 1/2"- 2" EMT | ✓ ² | ✓ ² | ✓ |
| 26330 | 1-1/2"- 2" IMC | ✓ ³ | ✓ ³ | ✓ |
| 12581 | 1/2"- 2" PVC Coated | ✓ | ✓ | |
| 37279 | 1/2"- 2" PVC Coated | ✓ | ✓ | ✓ |
| 12582 | 1/2"- 2" PVC Coated | ✓ ⁴ | ✓ ⁴ | |
| 01700 | 1/2"- 2" PVC Coated | ✓ ⁴ | ✓ ⁴ | |

BENDING RADII COMBO SHOE GROUP

| SHOE SIZE | INCHES | mm |
|------------------|----------|-------|
| 1/2" EMT | 4-5/16" | 109.5 |
| 1/2" IMC/Rigid | 4-1/4" | 108.0 |
| 3/4" EMT | 5-1/2" | 139.7 |
| 3/4" IMC/Rigid | 5-7/16" | 138.1 |
| 1" EMT | 7" | 177.8 |
| 1" IMC/Rigid | 6-15/16" | 176.2 |
| 1-1/4" EMT | 8-13/16" | 223.8 |
| 1-1/4" IMC/Rigid | 8-3/4" | 222.3 |
| 1-1/2" EMT | 8-3/8" | 212.7 |
| 2" EMT | 9-1/4" | 235.0 |
| 2" IMC/Rigid | 9" | 228.6 |

¹ Can also bend 1/2" - 1-1/4" IMC, need optional 13856 squeeze roller assembly for 1-1/2" & 2" IMC bending.

² Need optional 12583 roller unit for 1-1/2" & 2" EMT bending on 555CX & 555DX models.

³ Need optional 12584 roller unit for 1-1/2" & 2" IMC bending on 555CX & 555DX models.

⁴ Need 00946 and 13861 support roller assemblies to bend 1/2" - 2" PVC coated rigid on 555CX & 555DX.

555® Classic Electric Benders for Conduit and Pipe



- The 555C Classic Series features simple relay controls for easy field repairs, and compact handle design to prevent interference with conduit when bending.
- Bend 1/2" – 2" Rigid, IMC, EMT & PVC Coated Rigid.
- Shoe groups available for different combination.

SPECIFICATIONS

| | |
|-----------------|--|
| Capacity | 555RC: 1/2" - 2" Rigid and 1/2" - 1-1/4" IMC conduit 555EC: 1/2" - 2" EMT conduit |
| Power | 555C Classic Series: 120 VAC; 20 amp GFCI-protected |
| Weight | 555C: 260 lbs. (118 kg) 555RC: 393 lbs. (179 kg) 555EC: 476 lbs. (216 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| 555C | 06900 | Classic Electric Bender power unit without bending accessories |
| 555RC | 06901 | Classic Electric Bender with Shoe Group for 1/2" through 2" Rigid and 1/2" through 1-1/4" IMC conduit and pipe; includes 28007 – 1/2" - 2" Rigid Shoe Group |
| 555EC | 06902 | Classic Electric Bender with Shoe Group for 1/2" through 2" EMT conduit includes 23802 – 1/2" - 2" EMT Shoe Group |
| A 37279 | 37279 | 40 MIL PVC Coated Rigid 1/2" - 2" Shoe Group (sold separately) to use with the 555 series benders |

BENDING RADII COMBO SHOE GROUP

| SHOE SIZE | INCHES | mm |
|------------------|----------|---------|
| 1/2" EMT | 4-1/4" | 108.0 |
| 1/2" IMC/Rigid | 4-1/4" | 108.0 |
| 3/4" EMT | 5-3/8" | 136.525 |
| 3/4" IMC/Rigid | 5-7/16" | 138.1 |
| 1" EMT | 6-3/4" | 171.45 |
| 1" IMC/Rigid | 6-15/16" | 176.2 |
| 1-1/4" EMT | 8-3/4" | 222.3 |
| 1-1/4" IMC/Rigid | 8-3/4" | 222.3 |
| 1-1/2" EMT | 8-1/4" | 209.0 |
| 1-1/2" EMT | 8-9/32" | 210.0 |
| 2" EMT | 9-3/16" | 233.0 |
| 2" IMC/Rigid | 9-1/2" | 241.0 |

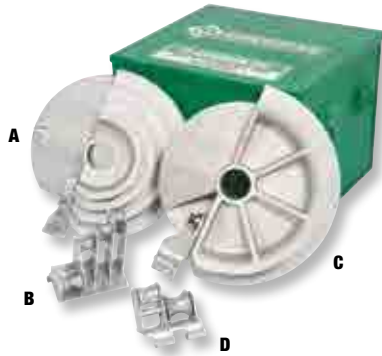
ACCESSORY SHOE GROUPS

1/2" - 2" EMT/Rigid Combo Shoe Group



| KEY | CAT. NO. | UPC NO. | DESCRIPTION |
|-----|----------|---------|---|
| | 12580 | 12580 | 1/2" - 2" EMT/Rigid Combo Shoe Group for 555CX and 555DX models |
| A | 13583 | 13583 | 1/2" through 1-1/4" Combi Shoes |
| B | 13589 | 13589 | 1-1/2" through 2" Combi Shoes |
| C | 13857 | 13857 | EMT Combi Form Roller Assembly |
| D | 13853 | 13853 | 1-1/2" through 2" Support Roller |
| E | 13854 | 13854 | 1/2" through 1-1/4" Support Roller |

1/2" – 2" Rigid Shoe Group



| KEY | CAT. NO. | UPC NO. | DESCRIPTION |
|-----|----------|---------|--|
| | 28007 | 28007 | 1/2" - 2" Rigid Shoe Group |
| A | 00571 | 00571 | 1/2" through 1-1/4" Rigid/IMC Bending Shoe |
| B | 00936 | 00936 | 1/2" through 1-1/4" Support Roller |
| C | 17937 | 17937 | 1-1/2" through 2" Rigid Bending Shoe |
| D | 17984 | 17984 | 1-1/2" through 2" Support Roller |

1/2" – 2" EMT Shoe Group



| KEY | CAT. NO. | UPC NO. | DESCRIPTION |
|-----|----------|---------|--|
| | 23802 | 23802 | 1/2" - 2" EMT Shoe Group |
| A | 17944 | 17944 | 1/2" through 1-1/4" EMT Bending Shoe |
| B | 17986 | 17986 | 1/2" through 1-1/4" Support Roller |
| C | 23499 | 23499 | 1-1/2" EMT Bending Shoe |
| D | 23505 | 23505 | 2" EMT Bending Shoe |
| E | 23541 | 23541 | 1-1/2" through 2" Roller Support Unit |
| | 1723 | 23818 | Metal Storage Box |
| | 12580 | 12580 | Shoe Group, 1/2"-2" EMT/Rigid Combo (555 Series) |

1-1/2" – 2" IMC Shoe Group



| KEY | CAT. NO. | UPC NO. | DESCRIPTION |
|-----|----------|---------|---------------------------------------|
| | 26330 | 26330 | 1-1/2" - 2" IMC Shoe Group |
| A | 25263 | 25263 | 1-1/2" IMC Bending Shoe |
| B | 25268 | 25268 | 2" IMC Bending Shoe |
| C | 25273 | 25273 | 1-1/2" through 2" Roller Support Unit |
| | 1723 | 23818 | Metal Storage Box |

40ML PVC Coated Rigid 1/2" – 2" Shoe Group

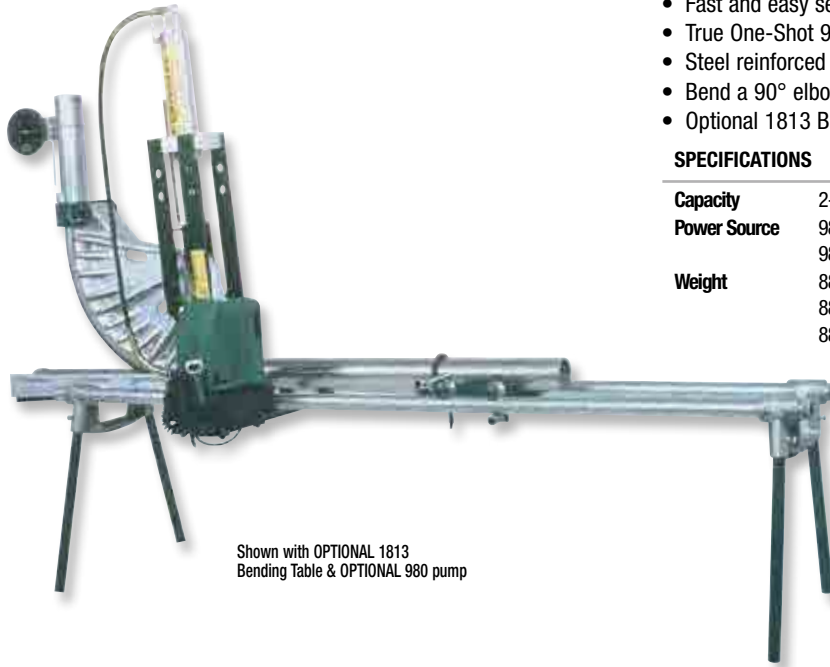


| KEY | CAT. NO. | UPC NO. | DESCRIPTION |
|-----|----------|---------|---|
| | 37279 | 37279 | 40 ml PVC Coated Rigid 1/2" - 2" Shoe Group |
| A | 00946 | 00946 | 1/2" through 1-1/4" Roller Support |
| B | 00573 | 00573 | 1/2" through 1-1/4" Shoe |
| C | 37281 | 37281 | 1-1/2" and 2" Shoe |
| D | 37282 | 37282 | 1-1/2" through 2" Roller Support |
| | 1723 | 23818 | Metal Storage Box |
| | 12581 | 12581 | Shoe Group, 1/2" - 2" PVC Coated Rigid (555 Series) |
| | 12582 | 12582 | Shoe Group, 1/2" - 2" PVC Coated Rigid (855GX) |

To use the PVC Shoe Group with 555 SB and 555 SBR benders Adapter Set 32391 is required.

HYDRAULIC BENDERS

Cam Track® Conduit Benders for 2-1/2" to 4" EMT, IMC and Rigid



Shown with OPTIONAL 1813 Bending Table & OPTIONAL 980 pump

- One bender to bend EMT, IMC and Rigid Conduit.
- Fast and easy setup on the jobsite.
- True One-Shot 90° bends with CT models for quick accurate bends.
- Steel reinforced follow bars for long life.
- Bend a 90° elbow in 4" Rigid conduit in 95 seconds.
- Optional 1813 Bending Table and accessories for easier operation.

SPECIFICATIONS

| | |
|---------------------|---|
| Capacity | 2-1/2" - 4" EMT, IMC and Rigid |
| Power Source | 980: 120 VAC Electric Powered Hydraulic Pump 980-22PS: 220 VAC 50/60 Cycle Electric Powered Hydraulic Pump |
| Weight | 881MBT: 300 lbs. (136kg) 881CTE980: 1026 lbs. (465 kg) 881CTDE980: 999 lbs. (454 kg) |

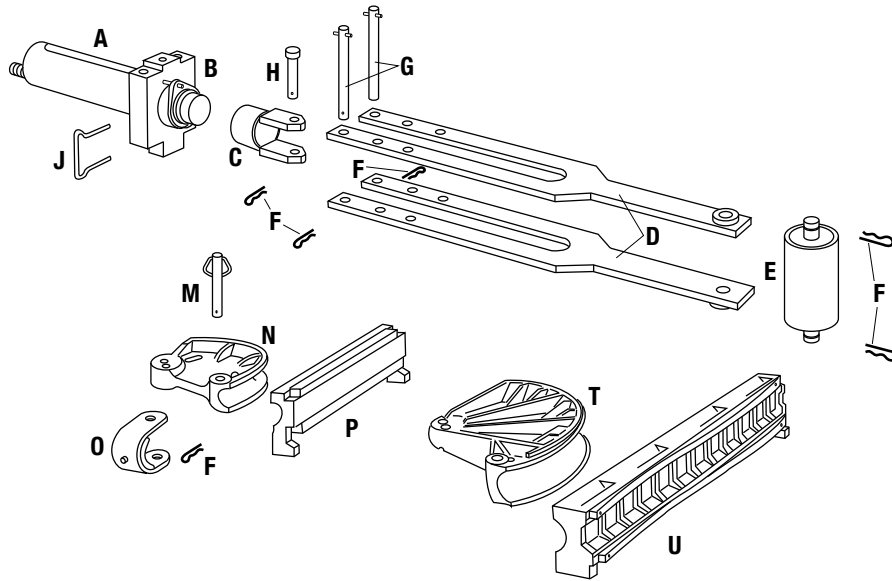
SPECIFICATIONS

881 CT, 881 CTD, 881 BASIC

| SIZE | Centerline Radius | Shoe Group | Degree of Bend |
|--------|--------------------|------------|----------------|
| 2-1/2" | 13-1/2" (342.9 mm) | 27554 | 90 |
| 3" | 16" (406.4 mm) | 27555 | 90 |
| 3-1/2" | 18-5/8" (473.1 mm) | 31281 | 90 |
| 4" | 20-7/8" (530.2 mm) | 31274 | 90 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--|
| 881CT | 31287 | Cam Track Conduit Bender for One-Shot 90° Bends in 2-1/2", 3", 3-1/2" and 4" EMT, IMC and Rigid conduit, without hydraulic pump |
| 881CTE980 | 34208 | Cam Track Conduit Bender for One-Shot 90° Bends in 2-1/2", 3", 3-1/2" and 4" EMT, IMC and Rigid conduit, with 980 Electric Hydraulic Pump |
| 881CTD | 38466 | Cam Track Conduit Bender for One-Shot 90° Bends in 2-1/2", 3" and 4" EMT, IMC and Rigid conduit, without hydraulic pump & 3-1/2" shoe group |
| 881CTDE980 | 38467 | Cam Track Conduit Bender for One-Shot 90° Bends in 2-1/2", 3" and 4" EMT, IMC and Rigid conduit, with 980 Electric Hydraulic Pump, without 3-1/2" shoe group |
| A 27554 | 27554 | 2-1/2" - One-Shot 90° EMT, IMC, Rigid Shoe Group |
| A 27555 | 27555 | 3" - One-Shot 90° EMT, IMC, Rigid Shoe Group |
| A 31281 | 31281 | 3-1/2" - One-Shot 90° EMT, IMC, Rigid Shoe Group |
| A 31274 | 31274 | 4" - One-Shot 90° EMT, IMC, Rigid Shoe Group |
| A 1813 | 28901 | Bending Table for 881 Bender |

Cam Track® Benders and Shoe Groups



| KEY | CAT. NO. | UPC NO. | DESCRIPTION | BENDERS | | | SHOE GROUPS | | | |
|-----|----------|---------|--|----------|-------|--------|-------------|-------|-------|-------|
| | | | | 881BASIC | 881CT | 881CTD | 27554 | 27555 | 31281 | 31274 |
| A | 27416 | 27416 | 40-Ton Hydraulic Ram with 4018GB female quick coupler. The ram includes Keys B, G, and two clips from Key F. | 1 | 1 | 1 | | | | |
| B | 27417 | 27417 | Cylinder Block | 1 | 1 | 1 | | | | |
| C | 30309 | 30309 | Yoke | 1 | 1 | 1 | | | | |
| D | 26309 | 26309 | Connecting Bar Unit | 2 | 2 | 2 | | | | |
| E | 27364 | 27364 | Roller Unit-The roller unit includes two clips from Key F | 1 | 1 | 1 | | | | |
| F | 50302 | 50302 | Hitch Pin Clips | 6 | 6 | 6 | | | | |
| G | 27381 | 27381 | Cylinder Block Pin Unit | 2 | 2 | 2 | | | | |
| H | 26306 | 26306 | Yoke Pin | 1 | 1 | 1 | | | | |
| J | 26349 | 26349 | Spring Clip (secures Yoke Unit to Ram) | 1 | 1 | 1 | | | | |
| | 11289 | 11289 | 3/8" x 6' (9.5 x 1829 mm) Hydraulic Hose with two 4033GB male quick couplers | 1 | 1 | 1 | | | | |
| M | 26624 | 26624 | Saddle Pin Unit - includes 1 clip from Key F | 1 | 1 | 1 | | | | |
| N | 26297 | 26297 | 2-1/2" Shoe 90° | | 1 | 1 | 1 | | | |
| P | 26366 | 26366 | 2-1/2" Follow Bar 90° | | 1 | 1 | 1 | | | |
| O | 26580 | 26580 | 2-1/2" Saddle | | 1 | 1 | 1 | | | |
| N | 26300 | 26300 | 3" Shoe 90° | | 1 | 1 | | 1 | | |
| P | 35400 | 35400 | 3" Follow Bar 90° | | 1 | 1 | | 1 | | |
| O | 26584 | 26584 | 3" Saddle | | 1 | 1 | | 1 | | |
| O | 26588 | 26588 | 3-1/2" Saddle | | 1 | | | | | 1 |
| T | 31882 | 31882 | 3-1/2" Shoe 90° | | 1 | | | | | 1 |
| U | 31881 | 31881 | 3-1/2" Follow Bar 90° | | 1 | | | | | 1 |
| O | 26594 | 26594 | 4" Saddle | | 1 | 1 | | | | 1 |
| T | 31884 | 31884 | 4" Shoe 90° | | 1 | 1 | | | | 1 |
| U | 31883 | 31883 | 4" Follow Bar 90° | | 1 | 1 | | | | 1 |
| | 2460 | 23363 | Steel Storage Box (not shown) | 1 | 1 | 1 | | | | |
| | 695 | 30239 | Caster Set (not shown) | 1 | 1 | 1 | | | | |

881-MBT Mobile Bending Table for 881 Series

NEW PRODUCT



881-MBT



VIDEO

A PRODUCT VIDEO IS AVAILABLE. SCAN THIS QR CODE OR VISIT:
www.youtube.com/GreenleeDEMO

SPECIFICATIONS

| | |
|-------------------------------------|---------------------|
| Weight | 300 lbs. (136kg) |
| Weight Of Table With All Components | 1326 lbs. (601.5kg) |
| Length Of Table | 67" (1.7m) |
| Overall Height: | |
| With Pump | 41" (1.04m) |
| Without Pump | 35" (0.89m) |
| Overall Width | 31 1/2" (0.8m) |

1- TIME SETUP.
SAVE 1 HOUR WITH EVERY MOVE!

COMPLETE MOBILITY.
MINIMIZES MATERIAL HANDLING



- Bend conduit where needed for installation (4" x 10' Rigid conduit weighs 100 lbs.)
- Minimize repetitive lifting of bender components reducing fatigue on back.

ON-BOARD STORAGE.
BECAUSE SPACE IS A PREMIUM

All components pin to the table, reducing component loss and for convenient transport from site to site.

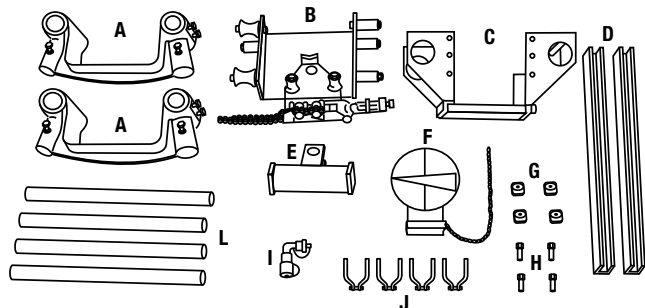
| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 881-MBT | 00903 | Mobile Bending Table |
| 27554 | 27554 | 2-1/2" - One-Shot 90° EMT, IMC, Rigid Shoe Group |
| 27555 | 27555 | 3" - One-Shot 90° EMT, IMC, Rigid Shoe Group |
| 31281 | 31281 | 3-1/2" - One-Shot 90° EMT, IMC, Rigid Shoe Group |
| 31274 | 31274 | 4" - One-Shot 90° EMT, IMC, Rigid Shoe Group |
| 1813 | 28901 | Bending Table for 881 Bender |

1813 Table (only) for 881 Series Benders

- Converts the 881 Bender into a comfortable, bench-high machine... reduces operator fatigue, makes loading faster, easier.
- Offset and one-shot bends in all three types of conduit are made quickly and easily with consistent accuracy.
- Pipe vise holds conduit securely for accurate bends. Prevents conduit from twisting or turning during bend.
- Includes 1805 Bending Degree Protractor and metal storage box.

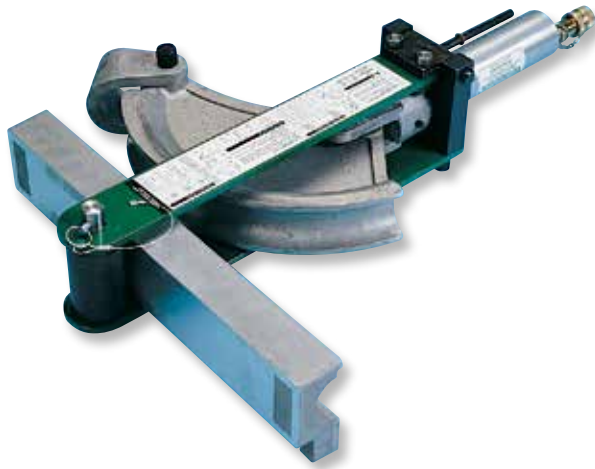
| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-------------------------------------|-----------------|
| 1813 | 28901 | Bending Table for 881 Series Bender | 186 lbs (85 kg) |

PARTS



| KEY | CAT. NO. | UPC NO. | DESCRIPTION | 1813/28901 |
|-----|----------|---------|-------------------------------|------------|
| A | 21541 | 21541 | Leg Support Unit | 2 |
| B | 28900 | 28900 | Carriage Unit w/vise | 1 |
| C | 28885 | 28885 | Bender Mounting Unit | 1 |
| D | 29004 | 29004 | Pump Table Support | 2 |
| E | 29022 | 29022 | Ram Positioner | 1 |
| F | 1805 | 21318 | Bending Degree Protractor | 1 |
| G | 53824 | 53824 | Pump Bracket | 4 |
| H | 51185 | 51185 | Pump Mounting Screw | 4 |
| I | 29014 | 29014 | 90° Coupling Unit | 1 |
| J | 53014 | 53014 | Steel Conduit Clamp | 4 |
| L | 21346 | 21346 | Legs | 4 |
| | 1531 | 23274 | Steel Storage Box (not shown) | 1 |
| | 51593 | 51593 | Hex Nut | 4 |
| | 50975 | 50975 | Cap Screw | 4 |
| | 51674 | 51674 | Washer | 4 |

Flip-Top® Benders for 1-1/4" - 2" EMT, IMC and Rigid



- Choose 882 for EMT or 882CB models for EMT, IMC and Rigid Conduit.
- Simple, accurate and easy to use.
- Flip-Top hinged frame top plate opens for easy, fast loading and unloading.
- Ram travel scale and charts for accurate bends, offsets and saddles.

SPECIFICATIONS

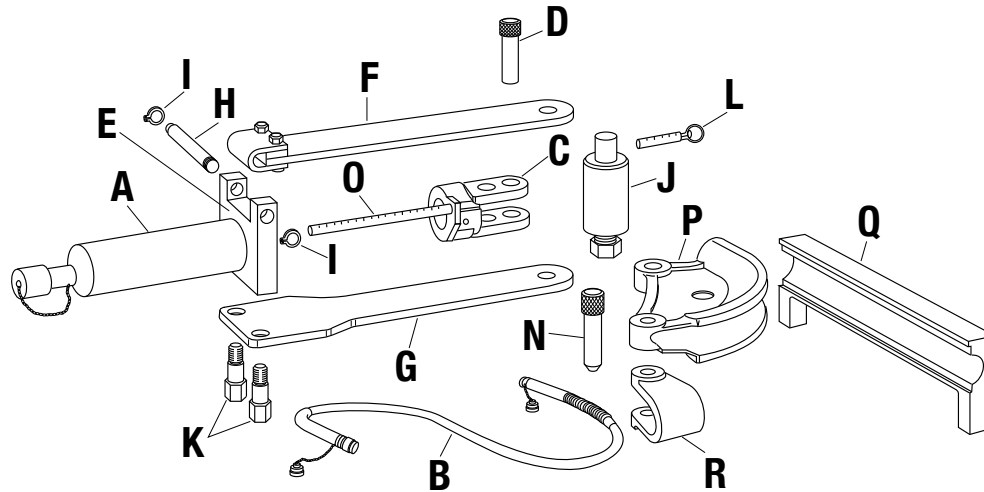
| | |
|---------------------|--|
| Capacity | 882-1-1/4", 1-1/2" and 2" EMT 882CB-1-1/4", 1-1/2" and 2" EMT, IMC and Rigid |
| Power Source | 755- Hydraulic Hand Pump 975- 120 VAC Electric Hydraulic Pump 976-22PS- 220 VAC 50/60 Cycle Electric Hydraulic Pump |
| Weight | 882-141 lbs (64 kg) 882H755- 161 lbs (73 kg) 882CBH755- 217 lbs (99 kg) 882CBE975- 264 lbs (120 kg) 882E975- 195 lbs (89 kg) 882CB- 205 lbs (93 kg) |

FLIP-TOP® BENDER CENTERLINE BENDING RADII

| SIZE | 882, 882CB | | 882CB | |
|--------|--------------------|-------------------|-------------------|--|
| | EMT | RIGID | IMC | |
| 1-1/4" | 7-7/32" (183.4 mm) | 7-1/4" (184.2 mm) | 7-1/4" (184.2 mm) | |
| 1-1/2" | 8-1/16" (204.8 mm) | 8-1/4" (209.5 mm) | 8-1/4" (209.5 mm) | |
| 2" | 9-5/16" (236.5 mm) | 8-7/8" (225.4 mm) | 8-7/8" (225.4 mm) | |

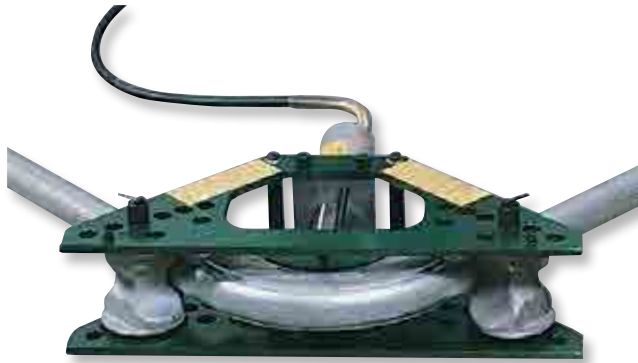
| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|--|
| 882 | 15128 | Flip-Top Bender for 1-1/4", 1-1/2" and 2" EMT Conduit without Hydraulic Pump |
| 882CB | 29536 | Flip-Top Bender with shoes for 1-1/4", 1-1/2" and 2" EMT, IMC and Rigid Conduit without Hydraulic Pump |
| 882CBH755 | 29537 | Flip-Top Bender with shoes for 1-1/4", 1-1/2" and 2" EMT, IMC and Rigid Conduit with 755 Hand Hydraulic Pump |
| 882CBE975 | 34202 | Flip-Top Bender with shoes for 1-1/4", 1-1/2" and 2" EMT, IMC and Rigid Conduit with 975 Electric Hydraulic Pump |
| 882H755 | 16460 | Flip-Top Bender for 1-1/4", 1-1/2" and 2" EMT Conduit with 755 Hand Hydraulic Pump |
| 882E975 | 34201 | Flip-Top Bender for 1-1/4", 1-1/2" and 2" EMT Conduit with 975 Electric Hydraulic Pump |
| A 882RIG1 | 29948 | Conversion Attachment Set - Converts 882 to 882CB by adding the shoes, follow bars and saddles for 1-1/4", 1-1/2" and 2" IMC and Rigid Conduit |

Flip-Top® Benders and Shoe Groups



| KEY | CAT. NO. | UPC NO. | DESCRIPTION | BENDERS | | SHOE GROUP |
|-----|----------|---------|--|---------|-------|------------|
| | | | | 882 | 882CB | 882RIG1 |
| A | 1738 | 15129 | 12-Ton Hydraulic Ram with 4018GB female quick Coupler | 1 | 1 | |
| B | 11289 | 11289 | 3/8" x 6' (9.5 x 1829 mm) Hydraulic Hose with two 4033GB male quick couplers | 1 | 1 | |
| C | 15145 | 15145 | Yoke | 1 | 1 | |
| D | 04086 | 04086 | Yoke Pin | 1 | 1 | |
| E | 16563 | 16563 | Frame Unit (includes F thru K) | 1 | 1 | |
| F | 15136 | 15136 | Upper Connecting Plate Unit | 1 | 1 | |
| G | 15135 | 15135 | Lower Connecting Plate Unit | 1 | 1 | |
| H | 15150 | 15150 | Hinge Pin | 1 | 1 | |
| I | 50283 | 50283 | Retaining Ring | 2 | 2 | |
| J | 38778 | 38778 | Roller Unit with pin (L) | 1 | 1 | |
| K | 15147 | 15147 | Anchor Stud | 2 | 2 | |
| L | 54303 | 54303 | Hitch Pin, 3/8 x 1-1/2 | 1 | 1 | 1 |
| N | 29937 | 29937 | Saddle Pin | 1 | | |
| O | 50848 | 50848 | Scale Jam Nut | | | |
| O | 52867 | 52867 | Scale O-Ring | | | |
| O | 21954 | 21954 | Scale Piston | 1 | 1 | |
| | 1531 | 23274 | Steel Storage Box (not shown) | 1 | 1 | |
| P | 11146 | 11146 | 1-1/4" EMT Shoe | 1 | 1 | |
| Q | 11126 | 11126 | 1-1/4" EMT Follow Bar | 1 | 1 | |
| R | 11075 | 11075 | 1-1/4" EMT Saddle | 1 | 1 | |
| P | 14287 | 14287 | 1-1/2" EMT Shoe | 1 | 1 | |
| Q | 11107 | 11107 | 1-1/2" EMT Follow Bar | 1 | 1 | |
| R | 11072 | 11072 | 1-1/2" EMT Saddle | 1 | 1 | |
| P | 11132 | 11132 | 2" EMT Shoe | 1 | 1 | |
| Q | 11089 | 11089 | 2" EMT Follow Bar | 1 | 1 | |
| R | 14279 | 14279 | 2" EMT Saddle | 1 | 1 | |
| P | 29474 | 29474 | 1-1/4" IMC and Rigid Shoe | | 1 | 1 |
| Q | 29477 | 29477 | 1-1/4" IMC and Rigid Follow Bar | | 1 | 1 |
| R | 29465 | 29465 | 1-1/4" IMC and Rigid Saddle | | 1 | 1 |
| P | 29470 | 29470 | 1-1/2" IMC and Rigid Shoe | | 1 | 1 |
| Q | 29472 | 29472 | 1-1/2" IMC and Rigid Follow Bar | | 1 | 1 |
| R | 29464 | 29464 | 1-1/2" IMC and Rigid Saddle | | 1 | 1 |
| P | 29466 | 29466 | 2" IMC and Rigid Shoe | | 1 | 1 |
| Q | 29468 | 29468 | 2" IMC and Rigid Follow Bar | | 1 | 1 |
| R | 29463 | 29463 | 2" IMC and Rigid Saddle | | 1 | 1 |

Rigid Conduit Bender for 1-1/4" - 2" One-Shot 90°s and 2-1/2" - 4" Segment Bending



- Strong, portable pin-assembled aluminum components.
- Easy-to-use ram travel scale and bending charts.
- Conduit supports index to suit all sizes.

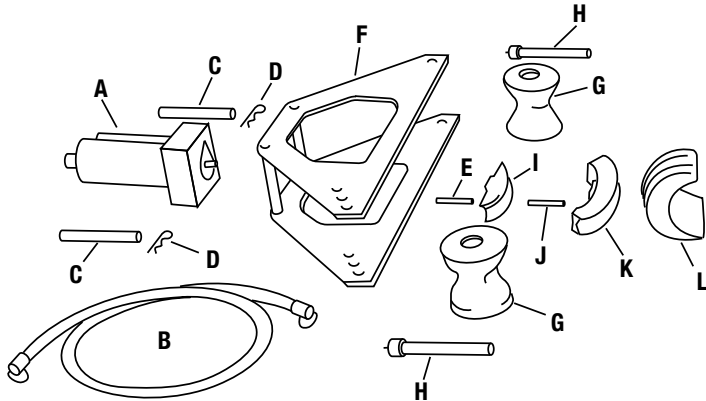
SPECIFICATIONS

| | |
|---------------------|--|
| Capacity | 1-1/4" - 4" Rigid Conduit |
| Power Source | 755: Hydraulic Hand Pump 975: 120 VAC Electric Hydraulic Pump 980: 120 VAC Electric Hydraulic Pump |
| Weight | 777: 164 lbs. (75 kg) 777HC755: 173 lbs. (79 kg) 777E975: 508 lbs. (231 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| 777 | 16491 | 1-1/4" through 2" One-Shot and 2-1/2" through 4" Segment, Rigid Conduit Bender without hydraulic pump |
| 777HC755 | 16470 | 1-1/4" through 2" One-Shot and 2-1/2" through 4" Segment, Rigid Conduit Bender with 755 Hand Hydraulic Pump |
| 777E975 | 34198 | 1-1/4" through 2" One-Shot and 2-1/2" through 4" Segment, Rigid Conduit Bender with 975 Electric Hydraulic Pump |
| A 1802 | 21257 | Bending Table (Optional) |
| A 21359 | 21359 | Conduit Support Pin for use with 1802 Bending Table - (2) Required |

CENTERLINE BENDING RADII FOR 777 BENDERS

| Rigid Shoe Size | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" |
|------------------------------|--------|--------|--------|----------|---------|--------|---------|
| Bending Radius-Inches | 7-1/4" | 8-1/4" | 9-1/2" | 11-7/16" | 13-3/4" | 16" | 18-1/4" |
| Bending Radius-mm | 184.1 | 209.5 | 241.3 | 290.5 | 349.3 | 406.4 | 463.6 |



| KEY | CAT. NO. | UPC NO. | DESCRIPTION | 777 |
|-----|----------|---------|---|-----|
| A | 1736 | 13251 | 27-Ton Hydraulic Ram with 4018GB female quick coupler, includes Keys C thru E | 1 |
| B | 11289 | 11289 | 3/8" x 6' (9.5 x 1829 mm) Hose with two 4033GB male quick couplers | 1 |
| C | 13252 | 13252 | Cylinder Head Pin Unit with Spring Clip 2725AA (Key D) | 2 |
| D | 50302 | 50302 | Spring Clip | 2 |
| E | 10826 | 10826 | Ram Pin | 1 |
| F | 13232 | 13232 | Frame Unit | 1 |
| G | 13193 | 13193 | Conduit Support | 2 |
| H | 14496 | 14496 | Conduit Support Pin | 2 |
| I | 10939 | 10939 | Small Shoe Support 1/2" thru 2" | 1 |
| J | 10826 | 10826 | Shoe Pin | 1 |
| K | | | 90° Aluminum Bending Shoes | |
| | 10920 | 10920 | 1-1/4" Shoe | 1 |
| | 10921 | 10921 | 1-1/2" Shoe | 1 |
| | 10922 | 10922 | 2" Shoe | 1 |
| L | | | Aluminum Segment Bending Shoes | |
| | 13208 | 13208 | 2-1/2" Shoe | 1 |
| | 13209 | 13209 | 3" Shoe | 1 |
| | 13210 | 13210 | 3-1/2" Shoe | 1 |
| | 13211 | 13211 | 4" Shoe | 1 |
| M | 13382 | 13382 | Steel Storage Box (not shown) | 1 |

Rigid Conduit Bender for 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"

- Strong, portable pin-assembled aluminum components.
- Easy-to-use ram travel scale and bending charts.
- Conduit supports index to suit all sizes.



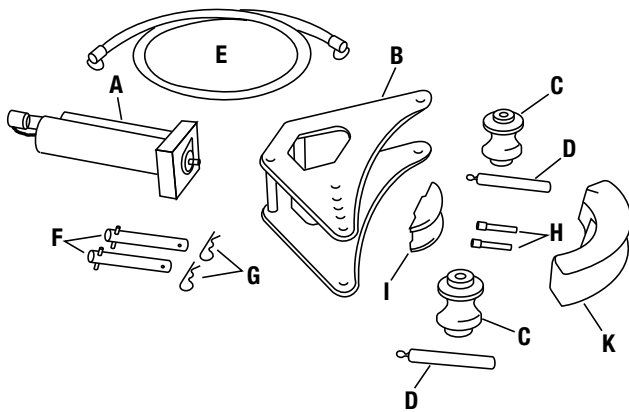
SPECIFICATIONS

| | |
|---------------------|--|
| Capacity | 880: 1" - 2" Rigid Conduit |
| Power Source | 755: Hydraulic Hand Pump 975: 120 VAC Electric Hydraulic Pump 980: 120 VAC Electric Hydraulic Pump |
| Weight | 880: 113 lbs. (52 kg) 880H755: 135 lbs. (61 kg) 880E975: 172 lbs. (78 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| 880 | 16480 | 1", 1-1/4", 1-1/2" and 2" Rigid Conduit Bender without hydraulic pump |
| 880H755 | 16464 | 1", 1-1/4", 1-1/2" and 2" Rigid Conduit Bender with 755 Hand Hydraulic Pump |
| 880E975 | 34200 | 1", 1-1/4", 1-1/2" and 2" Rigid Conduit Bender with 975 Electric Hydraulic Pump |
| A 1802 | 21257 | Bending Table (Optional) |
| A 21357 | 21357 | Conduit Support Pin for use with 1802 Bending Table - (2) Required |
| A 10917 | 10917 | 1/2" Shoe (Optional) |
| A 10918 | 10918 | 3/4" Shoe (Optional) |

CENTERLINE BENDING RADII FOR 880 & 880 PVC BENDERS

| Rigid Shoe Size | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" |
|------------------------------|-------|--------|--------|--------|--------|--------|
| Bending Radius-Inches | 4" | 4-1/2" | 5-3/4" | 7-1/4" | 8-1/4" | 9-1/2" |
| Bending Radius-cm | 10.16 | 11.43 | 14.60 | 18.41 | 20.95 | 24.13 |



| KEY | CAT. NO. | UPC NO. | DESCRIPTION | 880 |
|-----|----------|---------|---|-----|
| A | 747 | 16249 | 15-Ton Hydraulic Ram with 4018GB female quick coupler, includes Keys F, G and one H | 1 |
| B | 03396 | 03396 | Frame Unit | 1 |
| C | 03400 | 03400 | Conduit Support | 2 |
| D | 13679 | 13679 | Conduit Support Pin | 2 |
| E | 11289 | 11289 | 3/8" x 6' (9.5 x 1829 mm) Hydraulic Hose with two 4033GB male quick couplers | 1 |
| F | 15829 | 15829 | Cylinder Head Pin Unit with Spring Clips 2725AA (Key G) | 2 |
| G | 50302 | 50302 | Spring Clips | 2 |
| H | 10826 | 10826 | Ram Pin, Shoe Pin | 2 |
| I | 10939 | 10939 | Shoe Support | 1 |
| K | 10919 | 10919 | 1" Shoe - Rigid | 1 |
| K | 10920 | 10920 | 1-1/4" Shoe - Rigid | 1 |
| K | 10921 | 10921 | 1-1/2" Shoe - Rigid | 1 |
| K | 10922 | 10922 | 2" Shoe - Rigid | 1 |
| | 14909 | 14909 | Steel Storage Box (not shown) | 1 |

Rigid Conduit Benders for One-Shot 90°s in 1-1/4" - 4" (5" with Segment Bending Shoe)



Shown with OPTIONAL 1802 Bending Table & OPTIONAL 980 pump

- Strong, yet lightweight, portable, pin-assembled aluminum components.
- Easy-to-use ram travel scale and charts for accurate bends.
- Make elbows, offsets and saddles.
- Both 884 and 885 bend One-Shot 90°s in 1-1/4" - 4" Rigid conduit.
- Optional shoes available to bend PVC-coated Rigid conduit.
- Optional 1802 Bending Table available for easier operation.

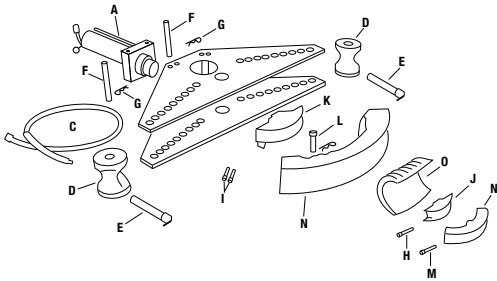
| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 884 | 16477 | 1-1/4" through 4" Rigid Conduit Bender, without hydraulic pump |
| 884E980 | 34209 | 1-1/4" through 4" Rigid Conduit Bender, with 980 Electric Hydraulic Pump |
| 884PVC | 33614 | 1-1/4", 1-1/2", 2", 3" and 4" PVC Coated Rigid Conduit Bender without hydraulic pump |
| 885 | 16751 | 1-1/4" through 4" One-Shot and 5" Segment Rigid Conduit Bender, without hydraulic pump |
| 885E980 | 34210 | 1-1/4" through 4" One-Shot and 5" Segment Rigid Conduit Bender, with 980 Electric Hydraulic Pump |
| 1802 | 21257 | Bending Table (Optional) |

Shoes for 40 mil PVC Coated Rigid Conduit on page 154.

SPECIFICATIONS

| | | | |
|---------------------|--|---------------|---|
| Capacity | 884: 1-1/4" - 4" Rigid conduit. 884PVC: 1-1/4" - 4" 40 mil PVC Coated Rigid Conduit 885: 1-1/4" - 5" Rigid Conduit | Weight | 884: 421 lbs. (191 kg) 884E980: 494 lbs. (225 kg) 884PVC: 388 lbs. (176 kg) 885: 449 lbs. (204 kg) 885E980: 527 lbs. (239 kg) |
| Power Source | 980: 120 VAC Electric Powered Hydraulic Pump 980-22PS: 220 VAC 50/60 Cycle Electric Powered Hydraulic Pump | | |

Rigid Conduit Benders for One-Shot 90°s in 1-1/4" - 4" (5" with Segment Bending Shoe)



884 & 885 CENTERLINE BENDING RADII

| SIZE | Rigid | SIZE | PVC Rigid |
|--------|----------------------------|--------|---------------------|
| 1-1/4" | 7-1/4" (184.1 mm) | 1-1/4" | 7-1/4" (184.1 mm) |
| 1-1/2" | 8-1/4" (209.5 mm) | 1-1/2" | 8-1/4" (209.5 mm) |
| 2" | 9-1/2" (241.3 mm) | 2" | 9-1/2" (241.3 mm) |
| 2-1/2" | 12-1/2" (317.5 mm) | 2-1/2" | 11-7/16" (290.5 mm) |
| 3" | 15" (381 mm) | 3" | 13-3/4" (349.3 mm) |
| 3-1/2" | 17-1/2" (444.5 mm) | 3-1/2" | 16" (406.4 mm) |
| 4" | 20" (508 mm) | 4" | 18-1/4" (463.5 mm) |
| 5" | 25" (635 mm) (885 only) | | |

| KEY | CAT. NO. | UPC NO. | DESCRIPTION | 884 | 884PVC | 885 |
|-----|----------|---------|--|-----|--------|-----|
| A | 1737 | 16752 | 27-Ton Hydraulic Ram with 4018GB female quick coupler, includes Keys F thru I. | 1 | 1 | 1 |
| C | 11289 | 11289 | 3/8" x 6" (9.5 x 1829 mm) Hydraulic Hose with two 4033GB male quick couplers | 1 | 1 | 1 |
| D | 15671 | 15671 | Conduit Support | 2 | | 2 |
| | 33454 | 33454 | Conduit Support (not shown) | | 2 | |
| E | 16747 | 16747 | Conduit Support pin | 2 | 2 | 2 |
| F | 16753 | 16753 | Cylinder Head Pin Unit with Spring Clip 2725AA | 2 | 2 | 2 |
| G | 50302 | 50302 | Spring Clip | 2 | 2 | 2 |
| H | 25184 | 25184 | Ram Pin | 1 | 1 | 1 |
| I | 10946 | 10946 | Large Ram Pin | 2 | 2 | 2 |
| J | 10939 | 10939 | Small Shoe Support (1/2" through 2") | 1 | 1 | 1 |
| K | 16741 | 16741 | Large Shoe Support (2-1/2" through 4") | 1 | 1 | 1 |
| L | 10963 | 10963 | Large Shoe Pin | 1 | 1 | 1 |
| M | 10826 | 10826 | Small Shoe Pin | 1 | 1 | 1 |
| | 2050 | 19811 | Steel Storage Box (not shown) | 1 | 1 | 1 |
| | 10920 | 10920 | 1-1/4" Shoe - Rigid | 1 | | 1 |
| N | 10921 | 10921 | 1-1/2" Shoe - Rigid | 1 | | 1 |
| N | 10922 | 10922 | 2" Shoe - Rigid | 1 | | 1 |
| N | 10923 | 10923 | 2-1/2" Shoe - Rigid | 1 | | 1 |
| N | 10924 | 10924 | 3" Shoe - Rigid | 1 | | 1 |
| N | 10925 | 10925 | 3-1/2" Shoe - Rigid | 1 | | 1 |
| N | 14265 | 14265 | 4" Shoe - 20" centerline radius - Rigid | 1 | | 1 |
| N | 15669 | 15669 | 5" Shoe - Rigid | | | 1 |
| O | 33459 | 33459 | 1-1/4" Shoe - PVC | | 1 | |
| N | 33463 | 33463 | 1-1/2" Shoe - PVC | | 1 | |
| N | 33462 | 33462 | 2" Shoe - PVC | | 1 | |
| N | 34340 | 34340 | 3" Shoe - PVC | | 1 | |
| N | 34344 | 34344 | 4" Shoe - PVC | | 1 | |
| N | 34329 | 34329 | 7/8" Wrench (not shown) | | 1 | |

Accessories for Bending 40 Mil PVC-Coated Rigid Conduit for 880 and 884 Benders



- Special size shoes and supports for bending 40 mil PVC-Coated Rigid conduit.
- Two conduit supports to fit your bender are required. Shoes for 1-1/2" or larger have a cam device to force the conduit out of the shoe after bending. This requires a wrench to turn the cam.

BENDERS / PARTS

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 884PVC | 33614 | An 884 Bender with shoes, supports and wrench for bending 1-1/4", 1-1/2", 2", 3" and 4" 40 mil PVC Coated Rigid conduit. In a steel storage box. (See 884 Conduit Bender for details) |

SHOE UNITS

40 MIL PVC COATED RIGID SIZE

| SIZE | CAT. NO. | UPC NO. | DESCRIPTION |
|--------|----------|---------|---|
| 1/2" | 33456 | 33456 | Shoe Unit 4" (101.6 mm) Centerline Radius |
| 3/4" | 33457 | 33457 | Shoe Unit 4-1/2" (114.3 mm) Centerline Radius |
| 1" | 33458 | 33458 | Shoe Unit 5-3/4" (146.1 mm) Centerline Radius |
| 1-1/4" | 33459 | 33459 | Shoe Unit 7-1/4" (184.2 mm) Centerline Radius |
| 1-1/2" | 33463 | 33463 | Shoe Unit 8-1/4" (209.6 mm) Centerline Radius |
| 2" | 33462 | 33462 | Shoe Unit 9-1/2" (241.3 mm) Centerline Radius |
| 2-1/2" | 34321 | 34321 | Shoe Unit 11-7/16" (290.5 mm) Centerline Radius |
| 3" | 34340 | 34340 | Shoe Unit 13-3/4" (349.3 mm) Centerline Radius |
| 3-1/2" | 34342 | 34342 | Shoe Unit 16" (406.4 mm) Centerline Radius |
| 4" | 34344 | 34344 | Shoe Unit 18-1/4" (463.6 mm) Centerline Radius |
| — | 33455 | 33455 | 880 Conduit Support – 2 Required |
| — | 33454 | 33454 | 884 Conduit Support – 2 Required |
| — | 34329 | 34329 | 7/8" Wrench. Use with 1-1/2" and larger shoes |

Bending Table (only) for 777, 880, 884 and 885 Rigid Conduit Benders

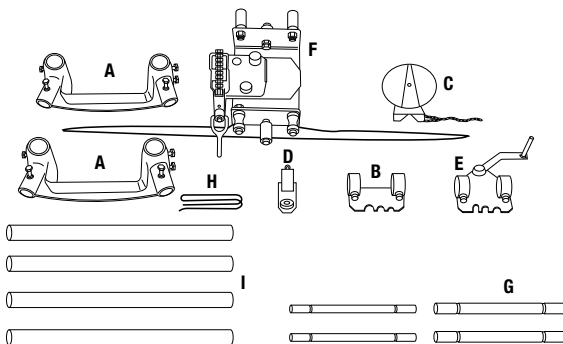


Typical setup with bender (see note)
Shown with 884 Bender and 980 Pump

- Make bending easier, faster and more accurate.
- Insert conduit to be bent in chain vise, tighten. Turn handle to move the chain vise and position conduit for bending.
- Use the Bending Degree Protractor and the movable chain vise to advance conduit while making segment and other multi-shot large sweep bends.
- Includes 1805 Bending Degree Protractor and metal storage box.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| 1802 | 21257 | Bending Table - includes pipe support pins for 884 or 885 Benders |
| A 21359 | 21359 | Pipe support Pin for use with 777, 883 and 883-4 Benders, two (2) are required (Optional) |
| A 21357 | 21357 | Pipe Support Pin for use with 880 Bender, two (2) are required (Optional) |

NOTE: To complete setup as shown two 10-foot (3.04 m) lengths of 2" Rigid conduit and Bender are required (purchased separately).



| KEY | CAT. NO. | UPC NO. | DESCRIPTION | 1802 |
|-----|----------|---------|--|------|
| A | 21541 | 21541 | Leg Support Unit | 2 |
| B | 21545 | 21545 | Bender Bracket Unit | 1 |
| C | 1805 | 1805 | Bending Degree Protractor | 1 |
| D | 21542 | 21542 | Chain Idler Unit | 1 |
| E | 21543 | 21543 | Crank Bracket Unit | 1 |
| F | 21544 | 21544 | Pipe Vise Unit | 1 |
| G | 21360 | 21360 | Pipe Support Pin – 1-1/2" for 884 and 885 Bender | 2 |
| H | 21413 | 21413 | Chain Extension Kit | 1 |
| I | 21346 | 21346 | Legs | 4 |
| | 1531 | 23274 | Steel Storage Box (not shown) | 1 |

SPECIFICATIONS

| | |
|----------|------------------------------------|
| Capacity | 777, 880, 883, 884 and 885 Benders |
| Weight | 180 lbs. (82 kg) |

Chain-Type Pipe Vise



- Use with a wide range of sizes of pipe or conduit.
- Built-in pipe rest.
- To prevent marring of plastic or plastic coated pipe, vise jaws can be rotated with smooth side up. Use serrated side for harder materials.
- Chain design holds pipe securely to prevent it from twisting or turning during threading.

SPECIFICATIONS

| | |
|-----------------|----------------------------------|
| Capacity | 1/8" - 5" (3.2 mm x 127 mm) pipe |
| Weight | 17 lbs. (7.7 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| 467 | 27318 | Chain-Type Pipe Vise |

HYDRAULIC PUMPS

High-Pressure Hydraulic Hand Pump



- Portable and powerful, for use with Greenlee Benders.
- Versatile, operates in any position.
- Steel pump body and handle with rubber grip.
- Wide base for stability.
- Mounting holes for permanent positioning.
- Includes 3/8" (9.5 mm) female hydraulic connector and dust cap.

SPECIFICATIONS

| | |
|------------------|---|
| Operation | Manual – Hand |
| Capacity | 10,000 psi (700 bar), .161 in ³ (26 mm ³) per stroke |
| Length | 25-1/2" (648 mm) |
| Width | 7" (178 mm) |
| Height | 6" (152 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------|---------|-----------------------------------|--------|-----|
| | | | LBS. | kg |
| 755 | 15677 | High-Pressure Hydraulic Hand Pump | 18 | 8.2 |
| 18272 | 18272 | Seal Kit | | |

NOTE: See page 100 to select the proper hydraulic hose for this pump.

Hand-Operated Hydraulic Pump



- Two-speed hydraulic pump. Ideal for use with remote cutting and crimping tools.
- Compact and lightweight – easy to move around jobsites.
- Solid base with wide legs provides for good stability during operation.
- Built-in carrying handle.
- Large, easy-to-grasp, retraction wheel.
- Equipped with 3/8" female screw-type hydraulic coupler.

SPECIFICATIONS

| | |
|--|-------------------------|
| Max output pressure | 10,000 psi (700 bar) |
| Useable oil capacity | 0.75 quart (0.74 liter) |
| 1st stage oil volume (200 psi) | 0.82 cu in/stroke |
| 2nd stage oil volume (10,000 psi) | 0.16 cu in/stroke |
| Length (including coupler) | 25" (635 mm) |
| Width | 5-5/8" (143 mm) |
| Height | 5-1/2" (140 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------|---------|------------------------------|--------|-----|
| | | | LBS. | kg |
| 7475H | 07475 | Hand-Operated Hydraulic Pump | 18 | 8.2 |
| 07829 | 07829 | Seal Kit | | |

NOTE: See page 100 to select the proper hydraulic hose for this pump.

Electric Hydraulic Pump



- Useable oil volume: 3 quarts (2.8 liters).
- For use with Greenlee 2" capacity benders.
- Automatic or manual ram-return selector valve provides more control from the pendant switch.
- Molded enclosure protects pump, motor and circuitry in tough working environments.
- Use with single-hose hydraulic systems with spring-return rams.

SPECIFICATIONS

| | |
|------------------|--|
| Operation | 120 VAC 1/2 HP (.375 kW) |
| Capacity | 10,000 psi (700 bar); 250 inch ₃ (4 L) per minute rapid advance; 18 inch ₃ (.32 L) per minute at full pressure |
| Length | 12" (305 mm) |
| Width | 10" (254 mm) |
| Height | 15-1/2" (394 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------------|---------|-------------------------|--------|----|
| | | | LBS. | kg |
| 975 | 33516 | Electric Hydraulic Pump | 51 | 23 |
| R 34369 | 34369 | Seal Kit | | |

NOTE: See page 100 to select the proper hydraulic hose for this pump.

Electric Hydraulic Pump



- Useable oil volume: 6 quarts (5.7 liters).
- For use with all Greenlee benders.
- Handy pendant advance control on 980 and 980-22PS.
- Low voltage pendant coupled to solid state motor controls eliminates contact arcing for greater reliability and longer life.
- Automatic or manual ram return selector valve provides more control from the pendant switch.
- Molded enclosure protects pump, motor and circuitry in tough working environments.
- Use with single-hose hydraulic systems with spring-return rams.

SPECIFICATIONS

| | |
|------------------|---|
| Operation | 980 – 120 VAC 1-1/2 Hp (1.12 kW) 980-22PS – 220 VAC 50Hz 1-1/2 Hp (1.12 kW) |
| Capacity | 10,000 psi (700 bar); 250 inch ₃ (4 L) per minute rapid advance; 54 inch ₃ (.9 L) per minute at full pressure |
| Length | 12" (305 mm) |
| Width | 12" (305 mm) |
| Height | 17-1/2" (445 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------------|---------|---|--------|----|
| | | | LBS. | KG |
| 980 | 33515 | Electric Hydraulic Pump with Pendant | 71 | 32 |
| 980-22 | 36314 | Electric Hydraulic Pump | 71 | 32 |
| 980-22PS | 36313 | Electric Hydraulic Pump with Pendant Switch | 71 | 32 |
| R 34369 | 34369 | Seal Kit | | |

Note: 980-22 is 220V pump only, no control switch

NOTE: See page 100 to select the proper hydraulic hose for this pump.

Hydraulic Oil



- Greenlee-approved hydraulic oil.
- Specially compounded for use with Greenlee hydraulic equipment.
- Refinery-filtered to give you the finest oil available.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------|---------|----------------------------------|--------|------|
| | | | LBS. | KG |
| 4016 GB | 51059 | Hydraulic Oil – 1 Gallon (3.8 l) | 8.5 | 3.9 |
| 4017 GB | 50806 | Hydraulic Oil – 1 Quart (.9 l) | 2.25 | 1.02 |

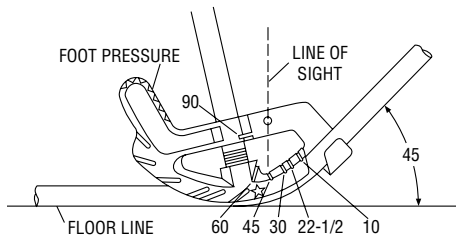
NOTE: For best operation of your Greenlee hydraulic-powered equipment, use Greenlee hydraulic oil only. (Do not use hydraulic brake fluid, shock absorber fluid, alcohol, glycerine, castor oil or other non-specified fluid—as they reduce performance and can cause damage to pumps and equipment.) Use of improper fluids waives the guarantee on Greenlee hydraulic equipment.

HAND BENDERS

SITE-RITE® Hand Benders for 1/2"-1 1/4" EMT and 1/2"-1" Rigid/IMC conduit



SITE-RITE® Aluminum Heads
840A, 841A, 842A, 843A



- Superior, patented Site-Rite® sighting system featuring cast-in, readable markings on the bender heads and a finish that provides for the best visibility in low-light.
- Choice of aluminum or iron alloy construction provides options depending on the user's preference for feel and weight.
- Strong, stable square hook design.
- 1-1/2" bender heads both offer the power pedal feature with a larger foot area on the head for greater control, stability and leverage.
- 1/2", 3/4" & 1" bender heads all have enlarged foot pedals and increased toe room to ensure greater control, stability and leverage.
- All the bender handles are a consistent diameter, offering a bigger grip area, while still straight up and down for fast 30 degree bends.
- Lifetime Limited Warranty.

SPECIFICATIONS

| EMT | Rigid IMC | Centerline Radll | Aluminum | Iron |
|--------|-----------|--------------------|-------------|-------------|
| 1/2" | | 4-3/16" (106.5 mm) | 840A, 840AH | 840F, 840FH |
| 3/4" | 1/2" | 5-1/8" (130.2 mm) | 841A, 841AH | 841F, 841FH |
| 1" | 3/4" | 6-1/2" (165.1 mm) | 842A, 842AH | 842F, 842FH |
| 1-1/4" | 1" | 9-5/8" (244.5 mm) | 843A | 843F |

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|---|--------------------|
| 840A | 12810 | Aluminum Hand Bender Head for 1/2" EMT | 1.4 lbs.(0.7 kg) |
| 841A | 12838 | Aluminum Hand Bender Head for 3/4" EMT, 1/2" Rigid/IMC | 2.1 lbs. (0.9 kg) |
| 842A | 12839 | Aluminum Hand Bender Head for 1" EMT, 3/4" Rigid/IMC | 3.5 lbs. (1.6 kg) |
| 843A | 12524 | Aluminum Hand Bender Head for 1-1/4" EMT, 1" Rigid/IMC | 8.3 lbs. (3.8 kg) |
| 840AH | 12676 | Aluminum Hand Bender Head with Handle for 1/2" EMT* | 5.5 lbs. (2.5 kg) |
| 841AH | 12677 | Aluminum Hand Bender Head with Handle for 3/4" EMT, 1/2" Rigid/IMC* | 6.4 lbs. (2.9 kg) |
| 842AH | 12678 | Aluminum Hand Bender Head with Handle for 1" EMT, 3/4" Rigid/IMC* | 11 lbs. (5 kg) |
| 840F | 12831 | Iron Hand Bender Head for 1/2" EMT 1 | 3.1 lbs. (1.4 kg) |
| 841F | 12832 | Iron Hand Bender Head for 3/4" EMT, 1/2" Rigid/IMC | 4.3 lbs. (2.0 kg) |
| 842F | 12833 | Iron Hand Bender Head for 1" EMT, 3/4" Rigid/IMC | 7.2 lbs. (3.3 kg) |
| 843F | 12834 | Iron Hand Bender Head for 1-1/4" EMT, 1" Rigid/IMC | 16.2 lbs. (7.3 kg) |
| 840FH | 12835 | Iron Hand Bender Head with Handle for 1/2" EMT* | 7 lbs. (3.2 kg) |
| 841FH | 12836 | Iron Hand Bender Head with Handle for 3/4" EMT, 1/2" Rigid/IMC* | 9 lbs. (4.1 kg) |
| 842FH | 12837 | Iron Hand Bender Head with Handle for 1" EMT, 3/4" Rigid/IMC* | 15 lbs. (6.8 kg) |
| 84H1 | 12689 | Handle for 1/2" & 3/4" Aluminum or Iron Hand Bender Heads | 4.5 lbs. (2.0 kg) |
| 84H2 | 12690 | Handle for 1" Aluminum or Iron Hand Bender Heads | 7.3 lbs. (3.3 kg) |
| 84H3 | 12691 | Handle for 1-1/4" Aluminum or Iron Hand Bender Heads | 11.5 lbs. (5.2 kg) |

HICKEYS with Welded Handles for 1/2" - 1" Rigid conduit



- Heavy-duty cast steel head.
- Welded steel handle.
- Bend tight radius stub-ups.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT |
|----------|---------|-----------------------|--------------------|
| 508 | 18102 | Hickey for 1/2" Rigid | 6.9 lbs. (3.1 kg). |
| 512 | 18103 | Hickey for 3/4" Rigid | 8 lbs. (3.6 kg). |
| 516 | 18104 | Hickey for 1" Rigid | 13 lbs. (5.9 kg) |

Little Kicker® Offset Bender



- Bends offsets in one easy operation. Insert conduit, depress handle, release and remove conduit.
- Makes identical offsets every time for wall mounted boxes with exposed conduit.
- Creates offset that matches the knockout in box.
- Maximum offset of .56" (9/16).

SPECIFICATIONS

| | |
|-----------------|---------------------------|
| Capacity | 1810 – 1/2" EMT |
| | 1811 – 3/4" EMT |
| Weight | 1810 – 8.75 lbs. (4 kg) |
| | 1811 – 8.50 lbs. (3.9 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------|
| 1810 | 13815 | Offset Bender for 1/2" EMT |
| 1811 | 14159 | Offset Bender for 3/4" EMT |

MECHANICAL BENDERS

Mechanical Benders for IMC and Rigid Conduit



- Ratchet action for increased leverage.
- Bypass the ratchet for fast, direct bending on smaller sizes.
- Heavy-duty welded construction for long, reliable service.
- Built-in bending degree indicator and easy to use bending charts for accurate, consistent bends.
- Does not include handle.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--|
| 1800 | 24400 | Mechanical Bender for 1/2", 3/4", 1" IMC and Rigid conduit |
| 1800G1 | 24401 | Mechanical Bender without undercarriage, for bench or truck bed mounting. Bends 1/2", 3/4", 1" IMC and Rigid conduit |
| 1801 | 24753 | Mechanical Bender for 1-1/4", 1-1/2" IMC and Rigid conduit |
| R 08429 | 08429 | Undercarriage Unit for 1800 and 1801 |
| R 19988 | 19988 | Wheel, Non-flat |

Use a 5' (1.5 m) length of 1" Rigid conduit for the handle.

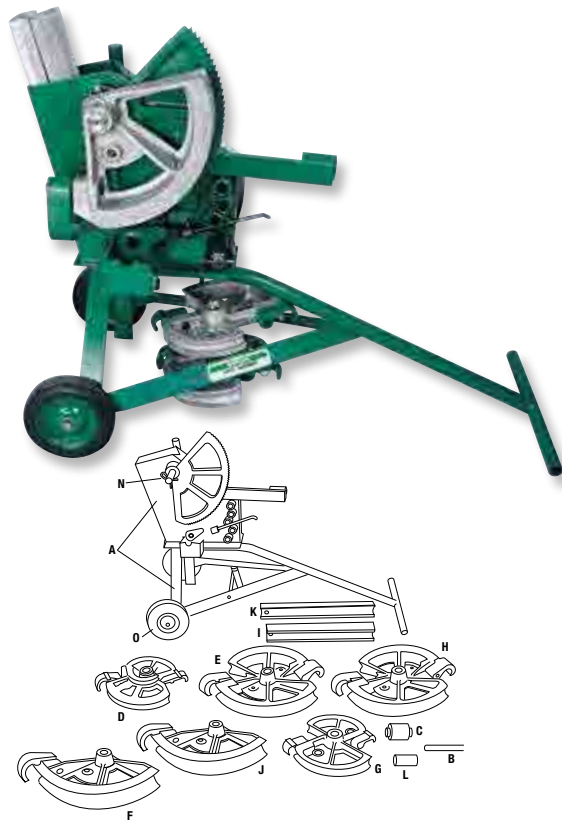
SPECIFICATIONS

| | |
|-----------------|---|
| Capacity | 1800, 1800G1 – 1/2", 3/4" and 1" IMC and Rigid. |
| | 1801, – 1-1/4" and 1-1/2" IMC and Rigid |
| Weight | 1800 – 81 lbs. (36.7 kg) |
| | 1800G1 – 48 lbs. (21.8 kg) |
| | 1801 – 104 lbs. (47.2 kg) |

CENTERLINE BENDING RADII

| | |
|---------------------|--|
| 1800, 1800G1 | 1/2" Rigid conduit 2-5/8" (66.7 mm) |
| | 3/4" Rigid conduit 4-5/8" (117.5 mm) |
| | 1" Rigid conduit 5-7/8" (149.2 mm) |
| 1801 | 1-1/4" Rigid conduit 8-1/16" (204.8 mm) |
| | 1-1/2" Rigid conduit 9-11/16" (246.1 mm) |

Mechanical Benders for EMT, IMC, Rigid and Aluminum Conduit



- Bends a wide variety of types and sizes of conduit.
- Durable ratchet mechanism for easy bending.
- Bypass the ratchet for fast, direct bending on smaller sizes.
- Bending degree indicator and charts for fast, easy, accurate bending.
- All shoe and bending accessories can be mounted to the frame unit and secured with a chain and lock.
- Heavy-duty undercarriage with wheels.
- Does not include handle.

SPECIFICATIONS

| | | |
|-----------------|-------------------------------|------------------------|
| Capacity | EMT: 3/4" - 2" | STAINLESS STEEL RIGID: |
| | RIGID: 1/2" - 1-1/2" | 1/2" - 1-1/2" |
| | IMC: 1/2" - 1-1/4" | STAINLESS STEEL EMT: |
| | ALUMINUM RIGID: 1/2" - 1-1/2" | 3/4" - 1" |
| Weight | 1818 - 250 lbs. (114 kg) | |
| | 1818T - 217 lbs. (99 kg) | |
| | 1818R - 185 lbs. (84 kg) | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 1818 | 22192 | Mechanical Bender for 3/4" through 2" EMT conduit, 1/2" through 1-1/4" IMC conduit and 1/2" through 1-1/2" Rigid steel, aluminum and stainless steel conduit |
| 1818R | 20231 | Mechanical Bender for 1/2" through 1-1/4" IMC conduit and 1/2" through 1-1/2" Rigid steel, aluminum and stainless steel conduit |
| 1818T | 20232 | Mechanical Bender for 3/4" through 2" EMT conduit and 3/4" & 1" stainless steel EMT |
| 08429 | 08429 | Under Carriage Assembly |
| 1818G1 | 22220 | Basic Bender and Carriage Assembly (No Shoes) |
| 19988 | 19988 | Wheel, Non-flat |

| KEY | CAT. NO. | UPC NO. | DESCRIPTION | BENDERS | | | | SHOE GROUPS* | | |
|-----|----------|---------|---|---------|-------|-------|--------|--------------|-------|-------|
| | | | | 1818 | 1818R | 1818T | 1818G1 | 36905 | 36906 | 36907 |
| A | 1818G1 | 22220 | Basic Bender and Carriage Assembly (No Shoes) | 1 | 1 | 1 | 1 | | | |
| B | 36697 | 36697 | Roller Pin Unit | 1 | 1 | 1 | | 1 | 1 | 1 |
| C | 18681 | 18681 | Cushioned Roller Unit | 1 | 1 | 1 | | 1 | 1 | 1 |
| D | 18827 | 18827 | 1/2, 3/4 & 1" Rigid/IMC Shoe Unit | 1 | 1 | | | 1 | 1 | |
| E | 18828 | 18828 | 1-1/4" Rigid/IMC; 1-1/2" Rigid Shoe Unit | 1 | 1 | | | 1 | 1 | |
| G | 18830 | 18830 | 3/4 & 1" EMT Shoe Unit | 1 | | 1 | | 1 | | 1 |
| H | 18831 | 18831 | 1-1/4 & 1-1/2" EMT Shoe Unit | 1 | | 1 | | 1 | | 1 |
| I | 18642 | 18642 | 1-1/4 & 1-1/2" EMT Follow Bar | 1 | | 1 | | 1 | | 1 |
| J | 18832 | 18832 | 2" EMT Shoe Unit | 1 | | 1 | | 1 | | 1 |
| K | 18636 | 18636 | 2" EMT Follow Bar | 1 | | 1 | | 1 | | 1 |
| L | 36296 | 36296 | Roller Follow Bar Guide | 1 | | 1 | | 1 | | 1 |
| N | 18772 | 18772 | Retainer Clip | 1 | 1 | 1 | | 1 | 1 | 1 |
| O | 19988 | 19988 | Wheel, Non-flat | 2 | 2 | 2 | | | | |
| F | 18829 | 18829 | 2" Rigid Aluminum Shoe Unit | | | | | | | |
| | 1723 | 23818 | Steel Storage Box For Shoe Units | | | | | OPTIONAL | | |

* SHOE GROUPS Reference chart for ordering bending accessories.

CENTERLINE BENDING RADII

| SHOE SIZE | INCHES | mm |
|------------------|-----------|-------|
| 1/2" Rigid/IMC | 2-21/32" | 67.5 |
| 3/4" Rigid/IMC | 4-5/8" | 117.5 |
| 3/4" EMT | 5-3/32" | 129.4 |
| 1" Rigid/IMC | 5-7/8" | 149.2 |
| 1" EMT | 6-13/32" | 162.7 |
| 1-1/4" Rigid/IMC | 7-3/8" | 187.3 |
| 1-1/4" EMT | 8-9/32" | 210.3 |
| 1-1/2" Rigid | 9" | 228.6 |
| 1-1/2" EMT | 8-9/32" | 210.3 |
| 2" EMT | 9-3/16" | 233.4 |
| 2" Aluminum | 10-15/32" | 265.9 |

PVC HEATERS & BLANKETS

PVC Bending Equipment Selection Guide

PVC HEATING

| CAT. NO. – DESCRIPTION | PAGE NO. | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" | 5" | 6" |
|-------------------------------|----------|------|------|----|--------|--------|----|--------|----|--------|----|----|----|
| BLANKETS | | | | | | | | | | | | | |
| 860-1-1/2 PVC Heating Blanket | 169 | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| 860-3 PVC Heating Blanket | 169 | | | | | | ✓ | ✓ | ✓ | | | | |
| 860-4 PVC Heating Blanket | 169 | | | | | | | | | ✓ | ✓ | | |
| HEATERS | | | | | | | | | | | | | |
| 849 PVC Heater | 170 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 851 PVC Heater | 170 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 847 / 848 PVC Heater | 170 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

PVC Heating Blankets for up to 4", All Schedules



- Make bends, offsets or saddles in PVC fast and easy.
- Easy to use: wrap blanket around PVC, secure with hook and loop strap. Built-in stiffeners help keep the blanket tight to the PVC surface. Remove blanket and form bend by hand.
- Controlled, even heating for uniform bending.
- Heavy-duty cord and thermostat for long life.
- Temperature over 300° F (149° C).

SPECIFICATIONS

| | 860-1-1/2 | 860-3 | 860-4 |
|---------------------|------------------------------------|-------------------------------------|-------------------------------------|
| Capacity | Up to 1-1/2" PVC All Schedules | 2" - 3" PVC All Schedules | 3-1/2" - 4" PVC All Schedules |
| Power Source | 120 VAC | 120 VAC | 120 VAC |
| Size | 13" x 8-1/4" (330.2 x 209.6 mm) | 30" x 13-1/4" (762.0 x 336.6 mm) | 38" x 16-1/4" (965.2 x 412.8 mm) |
| Weight | 1.7 lbs. (.8 kg) | 3.3 lbs. (1.5 kg) | 4.9 lbs. (2.2 kg) |
| Wattage | 800 | 800 | 1300 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|---------------------------------------|
| 860-1-1/2 | 31486 | PVC Heating Blanket for up to 1-1/2" |
| 860-3 | 31487 | PVC Heating Blanket for 2"-3" |
| 860-4 | 31488 | PVC Heating Blanket for 3-1/2" and 4" |

Electric PVC Heater for 1/2" - 2", All Schedules




120 VAC
20 AMP

- Easy to use: preheat for 10 minutes, insert PVC, rotate until pliable, remove and form bend.
- Sturdy double wall metal with fiberglass insulation and reflective interior for fast, even heat.
- Full length door for easy PVC loading and removal.
- Other features include on/off switch, pilot light and carrying handle.
- Heats 24" Long section of pipe.

SPECIFICATIONS

| | |
|---------------------|---------------------------------------|
| Capacity | 1/2" - 2" PVC All Schedules |
| Power Source | 120 VAC 20 Amp or 3000 Watt Generator |
| Weight | 15 lbs. (6.8 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|---|---------|-----------------------------------|
| 849 | 27395 | Electric PVC Heater for 1/2" - 2" |
|  27811 | 27811 | Calrod Heating Element |

Electric PVC Heater for 1/2" - 4", All Schedules




120 VAC
20 AMP

- Easy to use: preheat for 10 minutes, open lid and position PVC, close lid, rotate until pliable, open lid, remove PVC and form bend.
- Heavy-duty, insulated metal walls and cover with reflective interior for efficient, even heat.
- Full-length door for easy loading and unloading.
- On/off switch with indicator light.
- Sturdy wheels for easy mobility.
- Use two units in tandem to heat large sweep bends.
- Heats 50" Long section of pipe.

SPECIFICATIONS

| | |
|---------------------|---------------------------------------|
| Capacity | 1/2" - 4" PVC All Schedules |
| Power Source | 120 VAC 20 Amp or 3600 Watt Generator |
| Length | 52" (1321 mm) |
| Weight | 53 lbs. (24 kg) |
| Wattage | 2300 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|---|---------|-----------------------------------|
| 851 | 35577 | Electric PVC Heater for 1/2" - 4" |
|  35592 | 35592 | Calrod Heating Element |

See below for 2" - 4" PVC plugs or 859-4 Plug Set.

Electric PVC Heater for 1/2" - 6", All Schedules






230 VAC
30 AMP

- Easy to use: preheat for 10 minutes, open lid and position PVC, close lid, rotate until pliable, open lid, remove PVC and form bend. 848 model has motorized rotation.
- Heavy-duty metal construction with reflective interior for fast, efficient heating.
- Has heating chart, timer, and on/off switch with indicator light for added convenience.
- Double doors with piano hinges allow heating shorter lengths with one door open.
- Sturdy wheels for easy mobility.
- Heats 65" Long section of pipe.

SPECIFICATIONS

| | |
|---------------------|---|
| Capacity | 1/2" - 6" PVC All Schedules |
| Power Source | 230 VAC 30 AMP or 7000 Watt Generator |
| Length | 71" (1803 mm) |
| Weight | 847 - 78 lbs. (36 kg) 848 - 80 lbs. (37 kg) |
| Wattage | 6600 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|---|---------|---|
| 847 | 30866 | Electric PVC Heater for 1/2"-6" All Schedules |
| 848 | 30867 | Electric PVC Heater with Motorized PVC Rotation for 1/2"-6" All Schedules |
|  31092 | 31092 | Motorized PVC rotation kit for 847 |
|  857 | 31093 | PVC Roller Support (Optional) |
|  30908 | 30908 | Calrod Heating Element |

PVC ACCESSORIES

PVC Plugs and Plug Set



SPECIFICATIONS

| | |
|-----------------|---------------------------------|
| Capacity | 2" - 6" PVC Schedules 40 and 80 |
| Weight | 859-4 - 8 lbs. (3.6 kg) |
| | 30976 - .3 lbs. (0.2kg) |
| | 30977 - .4 lbs. (0.2 kg) |
| | 30978 - .4 lbs. (0.2 kg) |
| | 30979 - .6 lbs. (3.6 kg) |
| | 30980 - 1lbs. (0.5 kg) |
| | 30981 - 1.3 lbs. (0.6 kg) |

- Use with PVC Heating Blankets or Electric Heaters to plug the ends of the PVC being heated. The trapped air will help keep the PVC from collapsing while forming the bend.
- Use on Schedule 40 and 80 PVC.
- Available in 2" - 4" set or individual sizes 2" - 6". Order two, one for each end of the PVC.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--|
| 859-4 | 35740 | PVC Plug Set for 2" - 4". Includes 2 each of 2", 2-1/2", 3" and 4" plugs and carrying case. Case has a place for optional 5" and 6" sizes. |
| R 30976 | 30976 | 2" PVC Plug |
| R 30977 | 30977 | 2-1/2" PVC Plug |
| R 30978 | 30978 | 3" and 3-1/2" PVC Plug |
| R 30979 | 30979 | 4" PVC Plug |
| R 30980 | 30980 | 5" PVC Plug |
| R 30981 | 30981 | 6" PVC Plug |
| R 31228 | 31228 | Plastic Carrying Case |

PVC Cutter



862

- Cuts 3/4" schedule 40 PVC
- Cuts 1/8" - 1-3/8" (3-35mm) O.D. flexible plastic pipe
- Diecast aluminum alloy body for added strength and blade guide for square cuts.
- Reversible blade for twice the life.
- Handle latch for safety.

SPECIFICATIONS

| | |
|-----------------|--|
| Capacity | Up through 1-3/8" O.D. Flexible Plastic Pipe |
| Weight | 0.36 lbs. (0.16 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------|
| 862 | 89806 | Plastic Pipe Cutter |

PVC Cutter for up to 1-1/4"



- Ratchet action for fast, easy cutting.
- Heat-treated, replaceable steel blade for long cutting life.
- Rugged metal alloy frame for durability.

SPECIFICATIONS

| | |
|-----------------|--------------------|
| Capacity | Up thru 1-1/4" PVC |
| Weight | 0.8 lbs. (0.4 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-----------------------------|
| 864 | 04253 | PVC Cutter for up to 1-1/4" |
| R 00355 | 00355 | Blade Kit |

PVC Cutter for up to 2"



- High-leverage compound ratchet action and long handles reduce effort.
- Heavy-duty metal frame for cutting large diameters.
- Sharpenable and replaceable tool steel blade.

SPECIFICATIONS

| | |
|-----------------|-------------------|
| Capacity | Up thru 2" PVC |
| Weight | 2.5 lbs. (1.1 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-------------------------|
| 865 | 09865 | PVC Cutter for up to 2" |
| R 07978 | 07978 | Blade |

BENDER ACCESSORIES

L97 Mini-Magnet Laser Level



- Professional grade laser level.
- Mini-torpedo design with handy “no-dog” attachment for bending.
- Three rare-earth magnets provide superior holding strength.
- Compact size with 80-plus yard range.
- Laser is capable of working on all planes.
- Four vial design - 0°, 90°, 45°, and 30°.
- V-groove on bottom for mounting on curved surface.
- Offsets and calculations permanently laser-engraved onto level.
- Requires (2) "N" style batteries.

SPECIFICATIONS

| | |
|---------------|-----------------------|
| Length | 5-1/16" (143 mm) |
| Width | 3/4" (19 mm) |
| Weight | 7.3 oz with batteries |
| Height | 1-13/16" (46 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------|
| L97 | 03582 | Laser, Level |

L77 Mini Magnetic Bubble Level



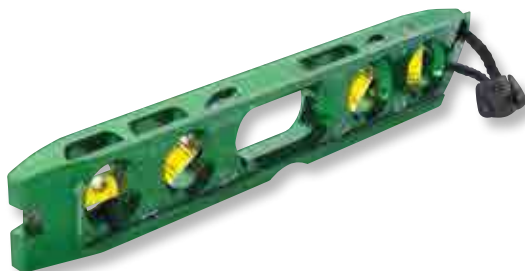
- Professional grade level with bending offset aid.
- Mini torpedo design with handy “no-dog” attachment for bending.
- Three rare-earth magnets provide superior holding strength.
- Four vial design - 0°, 90°, 45°, and 30°.
- Machined from aluminum alloy and anodized to aircraft standards.
- Compact size fits easily in tool pouch.
- V-groove on bottom for mounting on curved surface.

SPECIFICATIONS

| | |
|---------------|-----------------|
| Length | 5-1/2" (140 mm) |
| Width | 3/4" (19 mm) |
| Height | 1-1/2" (38 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------|
| L77 | 11617 | Mini Magnetic Bubble Level |

L107 Electrician's Torpedo Level



- Professional grade level.
- Four open vial ports for easy viewing from all sides.
- Perfect for pipe and conduit work.
- Four rare-earth magnets allow for hands-free use on metal surfaces.
- Four vial design - 0°, 30°, 45°, and 90°.
- Machined from aluminum alloy and anodized to aircraft standards.
- V-groove on bottom for mounting on curved surface.
- Offsets and calculations permanently laser-engraved onto level.

SPECIFICATIONS

| | |
|---------------|-------------------|
| Length | 8-1/2" (215.9 mm) |
| Width | 3/4" (19 mm) |
| Weight | 5.5 oz |
| Height | 1-1/4" (31.8 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------|
| L107 | 03583 | Level, Torpedo |

Protractor with Magnetic Base



SPECIFICATIONS

Weight 0.4 lbs. (0.2 kg)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------------------|
| 1895 | 35905 | Angle Protractor with Magnetic Base |

Bending Handbook and Slide Rule Bending Calculators



- Bending information on stub-ups, offsets, saddles and concentric bends.
- Pocket size 3-1/2" x 6-3/4".
- Bending charts for Greenlee Benders.
- Easy to use for fast, accurate bending calculations.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 38405 | 38405 | Bending Book, English |
| 38409 | 38409 | Bending Book, French |
| 38406 | 38406 | Slide Rule Calculator for 777, 880, 883, 884 and 885 Benders |
| 38407 | 38407 | Slide Rule Calculator for segment bends |
| 38408 | 38408 | Slide Rule Calculator for 881 and 882 Benders |

Conduit Size Chart

| Size | EMT ELECTRICAL METALLIC TUBING | | | | | | IMC INTERMEDIATE CONDUIT | | | | | | RIGID CONDUIT STEEL OF ALUMINUM | | | | | |
|--------|--------------------------------|-------|-------------|-------|----------------|-----|--------------------------|-------|-------------|-------|----------------|-----|---------------------------------|-------|-------------|-------|----------------|-----|
| | OUTSIDE DIA. | | INSIDE DIA. | | WALL THICKNESS | | OUTSIDE DIA. | | INSIDE DIA. | | WALL THICKNESS | | OUTSIDE DIA. | | INSIDE DIA. | | WALL THICKNESS | |
| | Inches | mm | Inches | mm | Inches | mm | Inches | mm | Inches | mm | Inches | mm | Inches | mm | Inches | mm | Inches | mm |
| 1/2" | .706 | 17.9 | .622 | 15.8 | .042 | 1.1 | .815 | 20.7 | .675 | 17.1 | .070 | 1.8 | .840 | 21.3 | .622 | 15.8 | .109 | 2.8 |
| 3/4" | .922 | 23.4 | .824 | 20.9 | .049 | 1.3 | 1.029 | 26.1 | .879 | 22.3 | .075 | 1.9 | 1.050 | 26.7 | .824 | 20.9 | .113 | 2.9 |
| 1" | 1.163 | 29.5 | 1.049 | 26.6 | .057 | 1.5 | 1.290 | 32.8 | 1.120 | 28.4 | .085 | 2.2 | 1.315 | 33.4 | 1.049 | 26.6 | .133 | 3.4 |
| 1-1/4" | 1.510 | 38.4 | 1.380 | 35.1 | .065 | 1.7 | 1.638 | 41.6 | 1.468 | 37.3 | .085 | 2.2 | 1.660 | 42.2 | 1.380 | 35.0 | .140 | 3.6 |
| 1-1/2" | 1.740 | 44.2 | 1.610 | 40.9 | .065 | 1.7 | 1.883 | 47.8 | 1.703 | 43.3 | .090 | 2.3 | 1.900 | 48.3 | 1.610 | 40.9 | .145 | 3.7 |
| 2" | 2.197 | 55.8 | 2.067 | 52.5 | .065 | 1.7 | 2.360 | 59.9 | 2.170 | 55.1 | .095 | 2.4 | 2.375 | 60.3 | 2.067 | 52.5 | .154 | 3.9 |
| 2-1/2" | 2.875 | 73.0 | 2.731 | 69.4 | .072 | 1.8 | 2.857 | 72.6 | 2.597 | 66.0 | .130 | 3.3 | 2.875 | 73.0 | 2.469 | 62.7 | .203 | 5.2 |
| 3" | 3.500 | 88.9 | 3.356 | 85.2 | .072 | 1.9 | 3.476 | 88.3 | 3.216 | 81.7 | .130 | 3.3 | 3.500 | 88.9 | 3.068 | 77.9 | .216 | 5.5 |
| 3-1/2" | 4.000 | 101.6 | 3.834 | 97.4 | .083 | 2.1 | 3.971 | 100.9 | 3.711 | 94.3 | .130 | 3.3 | 4.000 | 101.6 | 3.548 | 90.1 | .226 | 5.7 |
| 4" | 4.500 | 114.3 | 4.334 | 110.1 | .083 | 2.1 | 4.466 | 113.4 | 4.206 | 106.8 | .130 | 3.3 | 4.500 | 114.3 | 4.026 | 102.3 | .237 | 6.0 |
| 5" | — | — | — | — | — | — | — | — | — | — | — | — | 5.563 | 141.3 | 5.047 | 128.2 | .258 | 6.5 |
| 6" | — | — | — | — | — | — | — | — | — | — | — | — | 6.625 | 168.3 | 6.065 | 154.0 | .280 | 7.1 |

NOTES



FISHING

WHATEVER YOUR FISHING NEED, GREENLEE HAS THE TOOL. FROM NYLON, FIBERGLASS AND FLAT STEEL TAPES, TO FISH STIX® AND GLOW STIX® FISHING RODS, GREENLEE FISHING TOOLS GET THE JOB DONE FASTER, SAFER, AND EASIER.

Contents

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CAMERAS

FF200 FishFinder™ Plus Vision System

NEW PRODUCT



- Inspect near energized circuits with 4' (1.2m) CAT IV 600V; CAT III 1000V optical cable
- Water tight optical cable for submerged inspections
- Built-in memory for capturing over 2000 pictures
- Image download capability & RCA video output
- 180° image rotation for easy viewing

SPECIFICATIONS

CAT IV 600V; CAT III 1000V optical cable
TÜV Product Service
CE Rating-European Directives

- Kit Includes:**
- Handheld Display Unit
 - 4' (1.2m) CAT IV 600V; CAT III 1000V Optical Cable
 - 4 AA Batteries
 - USB Cable
 - Hook, Magnet and Mirror Tip Accessories
 - Rugged Carrying Case

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---------------------------------------|
| N FF200 | 12424 | FishFinder Plus Vision System |
| R 56270 | 56270 | 48" (14 mm) Replacement Optical Cable |

FISH TAPES

SmartMARK™ Laser Etched Fish Tapes with SpeedFlex® Leaders

NEW PRODUCT



- Laser etched feet & meter distance markings every 1' (.3 m).*
- Fish farther and faster with the Speed Flex® leader.
- Advanced overmolded comfort grip and rugged case design.
- Superior rapid tape pay-out and rewind.
- Viewing ports to see amount of tape remaining in the case.

SPECIFICATIONS

| | FTS438DL-150 | FTS438DL-250 |
|----------------|---------------------------|---------------------------|
| Length: | 150' x 1/8" (45 m x 3 mm) | 250' x 1/8" (76 m x 3 mm) |
| Weight: | 6.5 lbs (2.9 kg) | 9.0 lbs (4.1 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------------------|---------|---|
| N FTS438DL-150 | 26299 | SmartMARK™ 150' Laser Etched Steel Fish Tape w/ SpeedFlex® Leader |
| N FTS438DL-250 | 26301 | SmartMARK™ 250' Laser Etched Steel Fish Tape w/ SpeedFlex® Leader |
| R RS438DL-150 | 31321 | Replacement - SmartMARK™ 150' Laser Etched Steel Fish Tape w/ SpeedFlex® Leader |
| R RS438DL-250 | 31322 | Replacement - SmartMARK™ 250' Laser Etched Steel Fish Tape w/ SpeedFlex® Leader |

*Note: First mark is at 2' (.6 m) since leader is 1' (.3m) long.



MagnumPRO™ Oil-Tempered Spring Steel Fish Tapes



FTS438-125

- Rugged case design improves drop impact capability.
- Oil-tempered spring steel for excellent fishing performance.
- Advanced comfort handle grip reduces fatigue.
- Superior rapid tape pay-out and rewind.
- Improved low profile tip for easy fishing through all sizes of conduit.
- Viewing Port gives visibility to remaining tape and ability to remove jobsite debris quickly.
- 1/8", 1/4" and flat steel profiles to accommodate different fishing situations.

SPECIFICATIONS

| | |
|-----------------|--|
| Capacity | 1/8" (3.2 mm) tape width- 400 lbs. (1.7 kN) maximum design strength |
| | 1/4" (6.4 mm) tape width – 400 lbs. (1.7 kN) maximum design strength. |
| | 438-5H - 1/8" (3.2 mm) tape width- 400lbs. (1.7 kN) maximum design strength. |
| Weight | FTS438-65- 3.1 lbs. (1.4 kg) S438W-200 – 10.9 lbs. (4.9 kg) |
| | FTS438-125 - 5.5 lbs. (2.5 kg) 438-5H – 2.8 lbs. (1.3 kg) |
| | FTS438-240 - 8.5 lbs. (3.9 kg) 438-2X - 1.3 lbs. (.6 kg) |
| | FTS438W-100 – 7.2 lbs. (3.3 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|---------------------|---------|---|
| 438-5H | 07500 | Steel Fish Tape - 50' × 1/8" (15.2 m × 3.2 mm) |
| FTS438-65 | 12729 | Steel Fish Tape - 65' × 1/8" (19.8 m × 3.2 mm) |
| FTS438-65BP | 10028 | Steel Fish Tape - 65' × 1/8" (19.8 m × 3.2 mm) 3-PACK |
| FTS438-125 | 12709 | Steel Fish Tape - 125' × 1/8" (38.1 m × 3.2 mm) |
| FTS438-125BP | 10046 | Steel Fish Tape - 125' × 1/8" (38.1 m × 3.2 mm) 3-PACK |
| FTS438-240 | 12730 | Steel Fish Tape - 240' × 1/8" (73.2 m × 3.2 mm) |
| FTS438-240BP | 10048 | Steel Fish Tape - 240' × 1/8" (73.2 m × 3.2 mm) 3-PACK |
| FTS438W-100 | 12710 | Steel Fish Tape - 100' × 1/4" (30.5 m × 6.4 mm) |
| S438W-200 | 12476 | Steel Fish Tape - 200' × 1/4" (61 m × 6.4 mm) (NO CASE) |
| R RS438-65 | 12469 | Replacement Steel Tape - 65' (NO CASE) |
| R RS438-125 | 12470 | Replacement Steel Tape - 125' (NO CASE) |
| R RS438-240 | 12471 | Replacement Steel Tape - 240' (NO CASE) |
| R RS438W-100 | 12472 | Replacement Steel Tape - 100' × 1/4" (NO CASE) |

Flat-Steel Fish Tape- 1/4" Wide



- Flat steel tape reaches easily above ceilings, under carpets, and through walls to install wire.
- 25' (7.6 m) long, extending your reach.
- Winder case with crank handle for easy, compact storage.

SPECIFICATIONS

| | |
|---------------|------------------|
| Weight | 1.25 lb (0.6 kg) |
|---------------|------------------|

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 438-2X | 01696 | 25' × 1/4" × 0.030" (7.6 m × 6.4 mm × 0.8 mm) Steel Fish Tape |

MagnumPRO™ Stainless Steel Fish Tapes - 1/8" Wide



- Corrosion free stainless steel tape for maximum life.
- Fish further and faster with Speed Flex leader.
- Advanced comfort handle grip reduces fatigue.
- Viewing Port gives visibility to remaining tape and ability to remove jobsite debris quickly.
- Rugged case design improves drop impact capability.

SPECIFICATIONS

Capacity 1/8" (3.2 mm) tape width-400 lbs. (1.7 kN) maximum design strength
Weight FTSS438-100 - 4.8 lbs. (2.2 kg);
 FTSS438-200 - 7.4 lbs. (3.4 kg)

| CAT. NO. | UPC NO. | DESCRIPTION |
|---------------------|---------|---|
| FTSS438-100 | 12711 | Stainless Steel Fish Tape - 100' × 1/8" (30.5 m × 3.2 mm) |
| FTSS438-200 | 12712 | Stainless Steel Fish Tape - 200' × 1/8" (61 m × 3.2 mm) |
| R RSS438-100 | 12480 | Replacement Stainless Steel Tape - 100' (NO CASE) |
| R RSS438-200 | 12481 | Replacement Stainless Steel Tape - 200' (NO CASE) |

MagnumPRO™ Flexible Steel Fish Tapes



- Multi-strand steel cable for maximum flexibility.
- Advanced comfort handle grip reduces fatigue.
- Viewing Port gives visibility to remaining tape and ability to remove jobsite debris quickly.
- Rugged case design improves drop impact capability.

SPECIFICATIONS

Capacity 3/16" (4.8 mm) tape width – 500 lbs. (2.2 kN) maximum design strength.
Weight FTFS439-50 – 5.6 lbs. (2.5 kg);
 FTFS439-100 – 8.9 lbs. (4.0 kg);
 FS439-100 – 6.2 lbs. (2.8 kg)

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------------|---------|--|
| FTFS439-50 | 12713 | Flexible Steel Fish Tape - 50' × 3/16" (15.2 m × 4.8 mm) |
| FTFS439-100 | 12714 | Flexible Steel Fish Tape - 100' × 3/16" (30.5 m × 4.8 mm) |
| R FS439-50 | 12482 | Flexible Steel Fish Tape - 50' × 3/16" (15.2 m × 4.8 mm) Double Tip (NO CASE) |

MagnumPRO™ Fiberglass Fish Tapes



FTF540-50



542-200

- Rugged case design improves drop impact capability.
- Non-conductive fiberglass tape with patented low-friction coating for faster and easier fishing.
- Perfect for fishing in conduit with wire or cable present.
- Superior rapid tape pay-out and rewind.
- Improved low profile tip for easy fishing through all sizes of conduit.
- Viewing Port gives visibility to remaining tape and ability to remove jobsite debris quickly.
- Exclusive, unique, lightweight reel for easy positive feed out and rewind.

SPECIFICATIONS

| | |
|-----------------|--|
| Capacity | 540 Series- 0.175" (4.4 mm) dia. - 300 lbs. (1.3 kN) maximum design strength |
| | 542 Series-3/16" (4.7 mm) dia. - 400 lbs. (1.7 kN) maximum design strength |
| Weight | FTF540-50 - 2.8 lbs. (1.3 kg) |
| | FTF540-100 - 3.4 lbs. (1.5 kg) |
| | 542-200- 16 lbs. (7.2 kg) |
| | 542-250- 17 lbs. (7.7 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------------|---------|--|
| FTF540-50 | 12717 | Fiberglass Fish Tape - 50' × 11/64" (15.2 m × 4.3 mm) |
| FTF540-100 | 12718 | Fiberglass Fish Tape - 100' × 11/64" (30.5 m × 4.3 mm) |
| 542-150 | 35745 | Fiberglass Fish Tape 150' × 3/16" (61 m × 4.8 mm) IN REEL STAND |
| 542-200 | 35746 | Fiberglass Fish Tape 200' × 3/16" (61 m × 4.8 mm) IN REEL STAND |
| 542-250 | 35747 | Fiberglass Fish Tape 250' × 3/16" (76.2 m × 4.8 mm) IN REEL STAND |
| R R540-100 | 35744 | Replacement Fiberglass Tape - 100' × 11/64" (NO CASE) |
| R 05157 | 05157 | Replacement Fiberglass Tape - 200' × 3/16" (NO CASE) |
| R 05158 | 05158 | Replacement Fiberglass Tape - 250' × 3/16" (NO CASE) |
| R 10565 | 10565 | Pulling Eye Repair Kit for 11/64" (4.3mm) Diameter Fish Tapes (Includes: pulling eye & adhesive) |
| R 35750 | 35750 | Accessory Kit for 3/16" (4.78 mm) Fish Tapes (Includes flexible pulling leader, flexible pushing leader, pulling eye, splice ferrule and threaded ferrule) |
| R 35908 | 35908 | 1/8" (3 mm) Repair Kit (Includes threaded end ferrule, splice ferrule and pulling eye) |
| R 35909 | 35909 | 3/16" (4.7 mm) Repair Kit (Includes threaded end ferrule, splice ferrule and pulling eye) |
| A 35919 | 35919 | 1/8" (3 mm) Pulling Eye |
| A 35930 | 35930 | 3/16" (4.7 mm) Pulling Eye |

MagnumPRO™ Nylon Fish Tapes



- Non-conductive, curl resistant nylon tape for fast, clean fishing.
- Good for fishing in conduit with wire or cable present.
- Rugged case design improves drop impact capability.
- Advanced comfort handle grip reduces fatigue.
- Nylon fish tape is intended for fishing only. Rope or line is recommended for pulling.

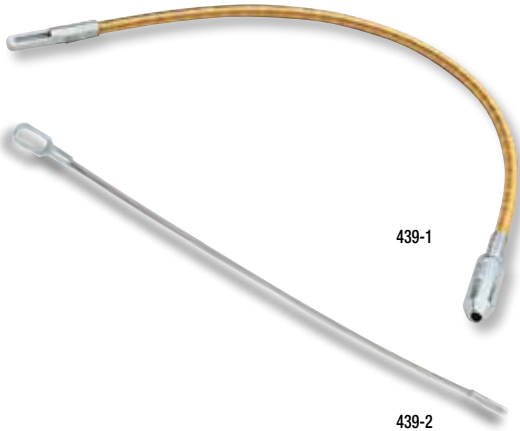
SPECIFICATIONS

| | |
|-----------------|---|
| Capacity | 3/16" (4.8 mm) diameter – 250 lbs. (1.1 kN) maximum design strength |
| Weight | FTN536-50 – 2.9 lbs. (1.3 kg) |
| | FTN536-100 – 3.6 lbs. (1.6 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|--------------------|---------|---|
| FTN536-50 | 12715 | Nylon Fish Tape 50' × 3/16" (15.2 m × 4.8 mm) |
| FTN536-100 | 12716 | Nylon Fish Tape 100' × 3/16" (30.5 m × 4.8 mm) |
| R RN536-50 | 12483 | Replacement Nylon Fish Tape 50' (NO CASE) |
| R RN536-100 | 12484 | Replacement Nylon Fish Tape 100' (NO CASE) |
| R 01664 | 01664 | Replacement Tip for 436 Nylon Fish Tape (Requires Greenlee K05 or K09 series crimper or #6 hex crimp to install.) |

PARTS AND ACCESSORIES

Replacement Cases and Leaders



- Silver-solder joint attaches to any 1/8" (3.2 mm) x .060" (1.5 mm) steel fish tape to provide a slim profile that fishes farther, faster.
- High-strength stainless steel cable is used for reliability and long life.
- Beveled edges on the leader reduce the possibility of hangups when pulling wire.
- Up to (6) #10 wires can be attached to the large pulling eye.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 439-1 | 30859 | 12" (305 mm) Flexible Fish Tape Leader |
| 439-2 | 14392 | 12" (305 mm) SPEED FLEX Leader (solder joints) |
| 10051 | 10051 | 8 1/2" Case/Handle Replacement Kit |
| 10052 | 10052 | 12" Case/Handle Replacement Kit |
| 26377 | 26377 | Black Case and Overmolded Handle Grip Kit |



REACHERS

Fish Stix®

- Highly visible green color rods can be easily threaded together and seen when working above ceilings, down walls, or under raised floors.
- 1/4" (6.4 mm) diameter fiberglass adds rigidity when connecting multiple sections.
- 200 lbs. (0.9 kN) maximum pulling strength.
- Two different threaded tips accommodate various bundles of wire or cable.



Glo Stix®

- Luminescent fiberglass rods glow in the dark for fishing in dark spaces.
- More flexible for fishing in walls through outlet box holes.
- Sturdy, steel-threaded connectors are interchangeable with Greenlee 1/4" (6.4 mm) Fish Stix.
- Clear, non-metallic storage tube keeps Glo Stix charged and ready to use.
- 200 lbs. (0.9 kN) maximum pulling strength.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| 540-12 | 10504 | Fish Stix Kit: 1/4" x 12' (6.4 mm x 3.6 m) with bullet & "J" hook nose tips |
| 540-24 | 10506 | Fish Stix Kit: 1/4" x 24' (6.4 mm x 7.3 m) with bullet & "J" hook nose tips |
| 540-8M | 12918 | Glo Stix Kit: 3/16" x 8' long with bullet & "J" hook nose tips |
| 540-15 | 11422 | Glo Stix Kit: 3/16" x 15' (4.7 mm x 4.6 m) with bullet & "J" hook nose tips |
| 540-6 | 86795 | Glo Stix, single 5/32" x 6' (4.0 mm x 1.8 m) with fixed bullet nose on both ends |
| 540-18 | 86796 | Glo Stix Kit: 5/32" x 18' (4.0 mm x 5.5 m) with bullet & "J" hook nose tips |
| 540-20P | 12919 | Professional Installers Kit: (3)-1/4" x 4' Fish Stix sections, (2)-3/16" x 2' Glo Stix Sections & (1)-5/32" x 4' Glo Stix Section, (1) whisk, (1) "J" hook, (1) bullet nose |
| A 10497 | 10497 | Hook Nose Tip |
| A 10498 | 10498 | Bullet Nose Tip |
| A 11426 | 11426 | Whisk Nose Tip |



SPECIFICATIONS

FISH STIX®

GLOW STIX®

| | 540-12 | 540-24 | 540-8M | 540-15 | 540-6 | 540-18 | 540-20P |
|----------------------------|--------------------|---|------------------|-----------------|------------------|------------------|------------------|
| Overall Length | 12' (3.6 m) | 24' (7.3 m) | 8' (2.4 m) | 15' (4.6 m) | 6' (1.8 m) | 18' (5.5 m) | 6' (1.8 m) |
| Sections | 3 | 5 | 5 | 3 | 1 | 3 | 6 |
| Section Length | 4' (1.2 m) | (3) 6' (1.8 m), (1) 3' (0.9 m) & (1) 3' (0.9 m) Glo Stix Section | 20" (.5 m) | 5' (1.5 m) | 6' (1.8 m) | 6' (1.8 m) | † |
| Diameter | 1/4" (6.4 mm) | 1/4" (6.4 mm) | 3/16" (4.8 mm) | 3/16" (4.7 mm) | 5/32" (4.0 mm) | 5/32" (4.0 mm) | 5/32" (4.0 mm) |
| Weight | 1.04 lbs. (0.5 kg) | 1.94 lbs. (0.9 kg) | .8 lbs. (0.4 kg) | 1 lbs. (0.5 kg) | .4 lbs. (0.2 kg) | .8 lbs. (0.4 kg) | .4 lbs. (0.2 kg) |
| Material | Fish Stix | Fish Stix | Glo Stix | Glo Stix | Glo Stix | Glo Stix | Glo Stix |
| Minimum Bend Radius | 6 1/2" (165 mm) | 6 1/2" (165 mm) | 4 1/4" (108 mm) | 4 1/4" (108 mm) | 3 1/2" (89 mm) | 3 1/2" (89 mm) | 3 1/2" (89 mm) |

†540-20P includes: (3)-1/4" x 4' Fish Stix sections, (2)-3/16" x 2' Glo Stix Sections & (1)-5/32" x 4' Glo Stix Section.

3' Wire Reacher



- Extends your reach above ceilings and walls.
- Stainless-steel construction for long life.
- Hook can be used to install cables and wires up to 3/4" (19 mm) diameter.
- Clip included for easy storage in shirt pocket.
- Magnetic back for retrieving metal objects.

SPECIFICATIONS

| | |
|--------------------------|-----------------|
| Extended length: | 38" (965 mm) |
| Collapsed length: | 6-3/8" (162 mm) |
| Diameter: | 3/8" (9.5 mm) |
| Weight: | 1.6 oz (46 g) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------|
| FP3 | 23902 | 3' Wire Reacher |

Fish Poles



Designed specifically for pushing and pulling wires over long distances.

- Push or pull wires over suspended ceilings, under sub-floors or crawl spaces and in attics.
- Install suspension wires for drop ceilings.
- Non-conductive, high-impact construction.
- Velcro strap secures pole when in collapsed position.
- Self-contained, no loose parts.
- Lightweight design to minimize fatigue.

SPECIFICATIONS

| | FP12 FISH POLE | FP18 FISH POLE | FP24 FISH POLE |
|--------------------------|------------------|--------------------|--------------------|
| Extended length: | 12' (3.7 m) | 18' (5.48 m) | 24' (7.31 m) |
| Collapsed length: | 26" (660 mm) | 27" (686 mm) | 50" (1270 mm) |
| Diameter: | 1 1/4" (32 mm) | 2" (50 mm) | 2 1/4" (57 mm) |
| Weight: | 1.3 lb. (0.6 kg) | 2 1/2 lb. (1.1 kg) | 4 1/4 lb. (1.9 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------|
| FP12 | 02268 | Fish Pole 12 ft. |
| FP18 | 10442 | Fish Pole 18 ft. |
| FP24 | 10443 | Fish Pole 24 ft. |
| R 10453 | 10453 | Replacement Hook |

CableCaster®



Significantly speeds up the installation of lightweight communications cable through hard-to-reach spaces such as suspended ceilings, rafters and sub-floors.

- 50' (15 m) range allows for faster installations with fewer pulls.
- Bright yellow body reduces chances of leaving the CableCaster behind.
- Glow-in-the-dark darts are easy to locate.
- Aerodynamic darts provide high accuracy and fast installation.
- Pen-light flashlight mount.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 06186 | 06186 | CableCaster Wire Pulling Tool with Three Darts |
| R 06259 | 06259 | CableCaster Replacement Darts (Pack of Four) |

VACUUM/BLOWERS

690 Vacuum/Blower Power Fishing System



NRTL/C

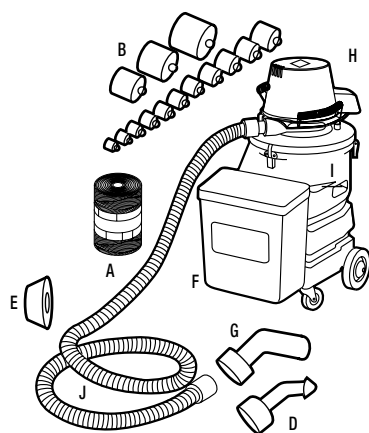


- Rugged, self-contained unit includes everything you need to blow or vacuum fish line, poly line or measuring tape.
- Durable tank and accessory storage box are corrosion, chemical and impact-resistant polyethylene.
- Designed for the jobsite, 10' (3.05 m) long hose, large heavy-duty wheels and removable accessory box.
- Large 11 gallon (41.6 l) tank makes the 690 excellent for vacuuming water and debris.

SPECIFICATIONS

| | |
|---------------------|---|
| Capacity | 1/2" - 4" Conduit (5" and 6" with optional foampistons) see page 142 |
| Power Source | 120 VAC |
| Weight | 50 lbs. (22.7 kg) |
| Air Flow | 120 cfm |
| Pressure | Will lift 110" (2794 mm) of water |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--|
| 690 | 31339 | Vacuum/Blower Power Fishing System - 120 VAC |
| A 618 | 16517 | Piston for 5" Conduit |
| A 619 | 16951 | Piston for 6" Conduit |
| A 16646 | 16646 | Accessory - Adapter for 5" - 6" conduit |

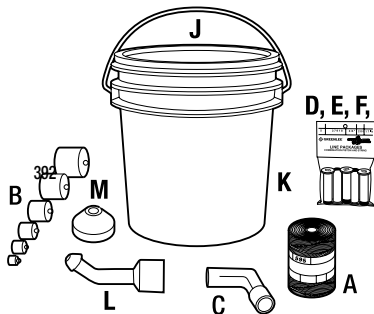


| KEY | CAT. NO. | UPC NO. | DESCRIPTION | 690/ 31339 |
|-----|----------|---------|--|---------------|
| A | 595 | 32433 | Fish Line – 85 lbs. (378 N) pulling strength; 2,150' (655 m) long | 1 |
| B | * | | Piston set for 1/2"-4" conduit (EMT & Rigid) see page 142 for replacements | |
| C | 25644 | 25644 | Adapter Cone 1-1/4"-2-1/2" Conduit | 1 |
| D | 25646 | 25646 | Adapter Cone 1/2"-1" Conduit | 1 |
| E | 25645 | 25645 | Adapter Cone 3"-4" Conduit | 1 |
| F | 34027 | 34027 | Storage Box | 1 |
| G | 23360 | 23360 | Adapter Nozzle for tape and line | 1 |
| H | 32116 | 32116 | Blower and Vacuum Unit | 1 |
| I | 34392 | 34392 | Tank with casters | 1 |
| J | 38624 | 38624 | Flexible Hose 1-1/2" x 10' (38.1mm x 3.05 m) | 1 |
| | 31315 | 31315 | Outer Filter Bag | 1 |
| | 31314 | 31314 | Inner Filter Bag | 1 |

Li'l Fisher® 390 Power Fishing System



390



SPECIFICATIONS

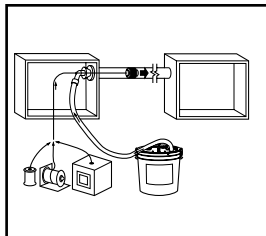
| | |
|---------------------|---|
| Capacity | 1/2"-2" conduit with optional Accessory Kit (2-1/2"-4" with optional foam pistons) Liquid Capacity- 1.75 gal. (6.5 l) Use 690 Power Fishing System for greater liquid capacity requirements |
| Power Source | 120 VAC, 1/2 H.P. |
| Weight | 390-19 lbs. (8.6 kg) |
| Air Flow | 101.2 cfm (2.83 cMm) |
| Vacuum Lift | 137.1" (3482 mm) of Water |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 390 | 38594 | Li'l Fisher Vacuum/Blower Power Fishing System - Includes only unit and 38624 hose |
| A | 39051 | Power Fishing System Accessory Kit- Includes all items below |

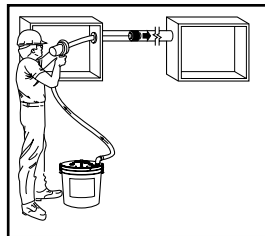
392 / 39051 ACCESSORY KIT INCLUDES:

| KEY | CAT. NO. | UPC NO. | DESCRIPTION | QTY: |
|-----|----------|---------|---|------|
| A | 595 | 32433 | Fish Line – 85 lbs. (378 N) pulling strength; 2,150' (655 m) long | 1 |
| B | • | | Piston for 1/2" Conduit | 1 |
| B | • | | Piston for 3/4" Conduit | 1 |
| B | • | | Piston for 1" Conduit | 1 |
| B | • | | Piston for 1-1/4" Conduit | 1 |
| B | • | | Piston for 1-1/2" Conduit | 1 |
| B | 613 | 16511 | Piston for 2" Conduit | 1 |
| C | 23360 | 23360 | Adapter Nozzle for Measuring Tape | 10 |
| D | 37917-10 | 06274 | 1/2" Conduit x 150' (46 m) Line Pkg. | |
| E | 37920-5 | 06277 | 3/4" Conduit x 450' (137 m) Line Pkg. | 5 |
| F | 37923-5 | 06280 | 1" Conduit x 450' (137 m) Line Pkg. | 5 |
| J | 39063 | 39063 | Accessory Container Lid | 1 |
| K | 54284 | 54284 | Accessory Container | 1 |
| L | 25646 | 25646 | 1/2"-1" Cone adapter | 1 |
| M | 25644 | 25644 | 1-1/4"-2-1/2" Cone adapter | 1 |

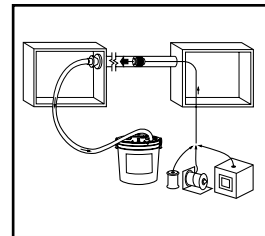
*See page 186 for replacement conduit pistons.



Blowing a piston through conduit using 390 Li'l Fisher™ Power Fishing System. Can be used with fish line, poly line or measuring tape.



Blowing a piston through conduit using 390 Li'l Fisher™ Power Fishing System using 691 Blow Gun with 595 Mighty Mouser® Fish Line.



Vacuuming a piston through conduit using 390 Li'l Fisher™ Power Fishing System. Can be used with fish line, poly line or measuring tape.

Portable Blower Power Fishing System



- Powerful, will blow line or measuring tape in up to 6" conduit.
- Portable, lightweight blower has shoulder strap to make it easy to carry and allow the operator to have both hands free.
- Efficient, includes the Mighty Mouser® blow gun for fast, easy line blowing.

SPECIFICATIONS

| | |
|---------------------|--|
| Capacity | 1/2" - 4" Conduit (5" and 6" with optional foam pistons) |
| Power Source | 120 VAC 20 Amp |
| Weight | 34 lbs. (15.2 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--------------------------------------|
| 591 | 32432 | Portable Blower Power Fishing System |
| A 618 | 16517 | Piston for 5" Conduit |
| A 619 | 16951 | Piston for 6" Conduit |
| A 16646 | 16646 | Adapter for 5" - 6" conduit |

*See next page for parts list.

Mighty Mouser® Blow Gun Kit



- This compact, self-contained Lexan® thermoplastic blow gun holds a 2,150' (655 m) package of 85 lb. (378 N) breaking strength fish line.
- Compact self-contained unit leaves one hand free for more efficient operation.
- Mighty Mouser® Blow Gun and Accessories all fit into a compact sturdy metal case.

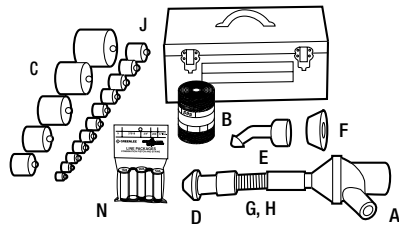
SPECIFICATIONS

| | |
|---------------------|--|
| Capacity | 1/2" - 4" conduit, through 6" with additional optional accessories |
| Power Source | Use with blower power fishing systems |
| Weight | 592-20 lbs. (9 kg) 691-1.7 lbs.(0.8 kg) |

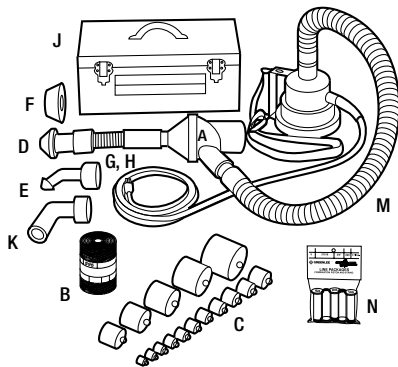
| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| 592 | 32565 | Mighty Mouser® Blow Gun Kit for 1/2" - 4" Conduit in metal box |
| R 691 | 32095 | Mighty Mouser Blow Gun (only) |
| A 595 | 32433 | Fish Line - 85 lbs. (378 N) pulling strength; 2,150' (655 m) long |
| A 618 | 16517 | Piston for 5" Conduit |
| A 619 | 16951 | Piston for 6" Conduit |
| A 16646 | 16646 | Adapter for 5" - 6" conduit |

*See next page for parts list.

Parts List for Models 591 and 592



592 Mighty Mouser® Blow Gun Kit



591 Portable Blower Power Fishing System

| KEY | CAT. NO. | UPC NO. | DESCRIPTION | 592 | 591 |
|-----|----------|---------|--|-----|-----|
| A | 691 | 32095 | Mighty Mouser® Blow Gun | 1 | 1 |
| B | 595 | 32433 | Fish Line – 85 lbs. (378N) pulling strength; 2,150' (655 m) long | 1 | 1 |
| C | * | | Piston set for 1/2"-4" conduit (EMT & Rigid) | | |
| D | 25644 | 25644 | Adapter Cone 1-1/4"-2-1/2" Conduit | 1 | 1 |
| E | 25646 | 25646 | Adapter Cone 1/2"-1" Conduit | 1 | 1 |
| F | 25645 | 25645 | Adapter Cone 3"-4" Conduit | | 1 |
| G | 32104 | 32104 | Flexible Hose 1-1/2" dia. x 1' (38.1 mm x 305 mm) | 1 | 1 |
| H | 33451 | 33451 | Hose Clamp | 1 | 1 |
| J | 32662 | 32662 | Storage Box | 1 | 1 |
| K | 23360 | 23360 | Adapter Nozzle for Tape and Line | | 1 |
| M | 32431 | 32431 | Flexible Hose 1-1/2" x 4' (38.1 mm x 1.2 m) | | 1 |
| N | 37917-10 | 06274 | 1/2" Conduit x 150' (46 m) Line Pkg. | 10 | 10 |
| N | 37920-5 | 06277 | 3/4" Conduit x 450' (137 m) Line Pkg. | 5 | 5 |
| N | 37923-5 | 06280 | 1" Conduit x 450' (137 m) Line Pkg. | 5 | 5 |

*See below

Conduit Pistons



- Use with blower or vacuum power fishing system to pioneer the line through the conduit run.
- Flexible foam body for an air-tight seal.
- Color-coded end disk with embossed size markings for fast, easy selection.
- Strong steel center rod with loops on both ends.
- Pistons available for all types and sizes of conduit 1/2" through 6".

PISTON SETS

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| S2613 | 26777 | 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2" EMT, IMC and Rigid |
| 34317 | 34317 | 2-1/2", 3", 3-1/2" and 4" EMT |

INDIVIDUAL PISTONS

| CAT. NO. | UPC NO. | PACKAGE | CONDUIT SIZE | CONDUIT TYPE | COLOR |
|----------|---------|---------|--------------|--------------|--------|
| 608-5 | 08263 | POP | 1/2" | All | Green |
| 608 | 11038 | BULK | 1/2" | All | Green |
| 609-5 | 08264 | POP | 3/4" | All | Green |
| 609 | 11039 | BULK | 3/4" | All | Green |
| 610-5 | 08265 | POP | 1" | All | Green |
| 610 | 11040 | BULK | 1" | All | Green |
| 611-3 | 08266 | POP | 1-1/4" | All | Green |
| 611 | 11041 | BULK | 1-1/4" | All | Green |
| 612-2 | 08267 | POP | 1-1/2" | All | Green |
| 612 | 11042 | BULK | 1-1/2" | All | Green |
| 613 | 16511 | | 2" | All | Green |
| 614 | 16512 | | 2-1/2" | IMC, Rigid | Green |
| 621 | 19107 | | 2-1/2" | EMT | Yellow |
| 615 | 16513 | | 3" | IMC, Rigid | Green |
| 622 | 19109 | | 3" | EMT | Yellow |
| 616 | 16514 | | 3-1/2" | IMC, Rigid | Green |
| 646 | 24326 | | 3-1/2" | EMT | Yellow |
| 617 | 16515 | | 4" | IMC, Rigid | Green |
| 623 | 19110 | | 4" | EMT | Yellow |
| 618 | 16517 | | 5" | All | Green |
| 619 | 16951 | | 6" | All | Green |

FISH LINE

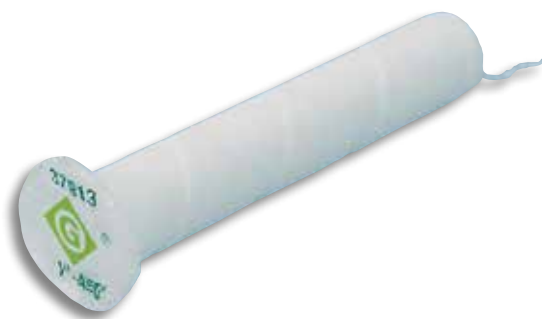
Fish Line



- Strong, lightweight nylon.
- 595 – Center feed for fast payout without tangling. Use with Mighty Mouser® blow gun.
- 604, 605, 606 and 607 – Specially wound to payout fast from outside without tangles.
- Mildew-resistant, can be pulled into the run with the wire to provide a means to add wires later.

| CAT. NO. | UPC NO. | STRENGTH | | LENGTH | |
|----------|---------|----------|-----|--------|-----|
| | | LBS. | N | FT | M |
| 595 | 32433 | 85 | 378 | 2150 | 655 |
| 604 | 23368 | 85 | 378 | 2200 | 670 |
| 605 | 16504 | 45 | 200 | 2750 | 838 |
| 606 | 16505 | 72 | 320 | 1700 | 517 |
| 607 | 16506 | 90 | 400 | 1350 | 411 |

Line Packages



- Combination piston and string all in one.
- Blow or vacuum through, leaving a lightweight line strong enough to pull a rope.
- 17 lb. breaking strength.

| CONDUIT SIZE | LENGTH | | COLOR | BOXED | | | BAGGED | | |
|--------------|--------|-----|--------|----------|---------|---------|----------|---------|---------|
| | FT. | M | | CAT. NO. | UPC NO. | QTY/BOX | CAT. NO. | UPC NO. | QTY/BAG |
| 1/2" | 150 | 46 | Red | - | - | - | 37917-10 | 06274 | 10 |
| 3/4" | 300 | 91 | Yellow | 37909-25 | 06265 | 25 | 37919-5 | 06276 | 5 |
| 3/4" | 450 | 137 | Yellow | 37910-25 | 06266 | 25 | 37920-5 | 06277 | 5 |
| 1" | 300 | 91 | White | 37912-25 | 06268 | 25 | - | - | - |
| 1" | 450 | 137 | White | 37913-25 | 06269 | 25 | 37923-5 | 06280 | 5 |

Poly Line



- Ready-to-use, pre-punched hole in lid with resealable cap.
- Use with power fishing systems directly from the container.
- Resists tangling when dispensing.
- Rot and mildew resistant.
- Handy reusable plastic dispenser pail with handle keeps the line dry.
- Use to pull rope through conduit.

SPECIFICATIONS

| | |
|-----------------|--|
| Capacity | 430 and 430-500 - 210 lbs. (934 N) average breaking strength 431 - 240 lbs. (1 kN) average breaking strength 37959 - 500 lbs. (2.2 kN) average breaking strength |
| Weight | 430 - 11 lbs. (5 kg) 430-500 - 1 lb. (0.5 kg) 431 - 12 lbs. (5.4 kg) 37959 - 12 lbs. (5.4 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 430 | 21481 | Poly Line 6500' (1981 m), Green Tracer |
| 430-500 | 12598 | Poly Line 500' (152 m), Green Tracer |
| 431 | 21482 | Poly Line 5200' (1585 m), Yellow Tracer |
| 37959 | 37959 | Poly Line 2200' (670 m), Red Tracer |

MEASURING TAPES

High-Strength Polyaramid Measuring/Pulling Tapes



- Pull small cables or install pull rope for large cable pulling jobs.
- Made of Polyaramid (equivalent to Kevlar®*), will not rot or deteriorate. Can be left in ducts indefinitely for future use.
- Low stretch properties make measurements accurate.
- Printed measurements every foot from zero to 3000' (914 m).
- Use 406 Dispenser (see page 435).

SPECIFICATIONS

| Cat. No. | Average Breaking Strength | Length | Weight |
|----------|---------------------------|---------------|--------------------|
| 39243 | 1250 lbs. (5.56 kN) | 3000' (914 m) | 10.5 lbs. (4.8 kg) |
| 39244 | 1800 lbs. (8.01 kN) | 3000' (914 m) | 14.5 lbs. (6.6 kg) |
| 39245 | 2500 lbs. (11.12 kN) | 3000' (914 m) | 18 lbs. (8.2 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 39243 | 39243 | Conduit Measuring Tape 1/4" x 3000' (6.4 mm x 914 m) |
| 39244 | 39244 | Conduit Measuring Tape 3/8" x 3000' (9.5 mm x 914 m) |
| 39245 | 39245 | Conduit Measuring Tape 1/2" x 3000' (12.7 mm x 914 m) |

* Kevlar is a registered trademark of E. I. DuPont, Inc.

High-Strength Polyester Measuring/Pulling Tapes



- Durable and stretch-resistant tape for easily pulling and installing wire and fiber optic cables within PVC and HDPE ducts.
- Factory-lubricated to reduce burn-through in innerduct.
- Easy-to-read footage markings for quick and accurate measurements.
- Available in various tensile strengths for use in any application.

SPECIFICATIONS

| Cat. No. | Average Breaking Strength | Length | Weight |
|----------|---------------------------|---------------|---------------------|
| 4435 | 1250 lbs. (5.56 kN) | 3000' (914 m) | 23.6 lbs. (10.7 kg) |
| 4436 | 1800 lbs. (8.01 kN) | 3000' (914 m) | 31.2 lbs. (14.2 kg) |
| 4437 | 2500 lbs. (11.12 kN) | 3000' (914 m) | 39.4 lbs. (17.9 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 4435 | 10445 | Polyester Measure/Pulling Tape 1/2" x 3,000' (12.7 mm x 914m) |
| 4436 | 10446 | Polyester Measure/Pulling Tape 5/8" x 3,000' (15.9 mm x 914m) |
| 4437 | 10447 | Polyester Measure/Pulling Tape 3/4" x 3,000' (19.1 mm x 914m) |

Polyester Measuring Tape and Dispenser



435 Measuring Tape shown on 434 Dispenser – sold separately.

- Fish and measure conduit runs in one operation.
- Permanently printed measurements every foot from zero to 3000' (914 m).
- Made of strong, waterproof polyester.
- Pay-out dispenser has anti-skid pads, handle and built-in cutter.

SPECIFICATIONS

| | |
|----------|--|
| Size | 3000' (914 m) |
| Capacity | 170 lbs. (756 kN) average breaking strength |
| Weight | 435: 4.4 lbs. (2.0 kg), 434: 3.5 lbs. (1.6 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 435 | 21562 | Conduit Measuring Tape 3/16" x 3000' (4.8 mm x 914 m) |
| A 434 | 21875 | Pay-Out Dispenser for 435 Conduit Measuring Tape |



CABLE PULLING

FROM SIMPLE, STRAIGHT SHOTS TO PULLS WITH MULTIPLE BENDS AND OFFSETS, GREENLEE CABLE PULLING EQUIPMENT SAVES TIME, INCREASES YOUR EFFICIENCY AND SAFELY PULLS CABLE WHERE YOU NEED IT TO BE.

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© Registered: The color green for manual and power-operated cable pullers is a registered trademark of Greenlee Textron Inc.

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FAX 800.524.2853

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FAX +1.815.397.9247



CABLE FEEDERS

Ultra Cable Feeder™



Productive

- One person set-up & operation.

Heavy Duty

- Accommodates cable ranging in size up to 3.5" (88.9 mm) in diameter.

Versatile

- Feeds cable at variable speeds to match the speed of cable puller.
- Tires for improved traction with low friction cable.
- Two cable loading methods: Top-loading and End-loading.
- Available with pendant & toggle switch.

SPECIFICATIONS

| | | | | | | | | | |
|-------------------------------|--|-----------------|-------------|-----|--------------------------------|-----|--------------------------------|-----|--------------------------------|
| Power Supply | 115 VAC, 15 amps, 60 Hz 230 VAC, 8 amps, 50/0 Hz | | | | | | | | |
| Speed | 4-36 feet per minute (1.2-11 meters per minute) | | | | | | | | |
| Maximum Tractive Force | Single Cable: 200 lbs. (.9 kN) All Cables: 800 lbs. (3.5 kN) | | | | | | | | |
| Cable Capacity | <table border="0"> <tr> <td>Quantity</td> <td>Size</td> </tr> <tr> <td>8 x</td> <td>250 MCM (120 mm²)</td> </tr> <tr> <td>6 x</td> <td>500 MCM (240 mm²)</td> </tr> <tr> <td>5 x</td> <td>750 MCM (300 mm²)</td> </tr> </table> | Quantity | Size | 8 x | 250 MCM (120 mm ²) | 6 x | 500 MCM (240 mm ²) | 5 x | 750 MCM (300 mm ²) |
| Quantity | Size | | | | | | | | |
| 8 x | 250 MCM (120 mm ²) | | | | | | | | |
| 6 x | 500 MCM (240 mm ²) | | | | | | | | |
| 5 x | 750 MCM (300 mm ²) | | | | | | | | |
| Reel Weight Capacity | 25,000 lbs. total (11,300 kg) | | | | | | | | |
| Size | 41" long x 27.5" wide x 37.5" high (1040 mm x 699 mm x 953 mm) | | | | | | | | |
| Weight | 285 lbs. (130 kg) | | | | | | | | |
| Tire Pressure | 50psi (2.4 bar) | | | | | | | | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 6810 | 05564 | Ultra Cable Feeder with Hand Switch 120V |
| 6810-22 | 12293 | Ultra Cable Feeder with Hand Switch 220V |
| 05645 | 05645 | Tee (included) |



CABLE PULLERS

Cable Puller Selection Guide

| CAT. NO. | DESCRIPTION | PAGE NO. | PULLING FORCE | | | SPEED | | | | | | POWER | REQUIRED ROPE | |
|----------|--------------------------------------|----------|---------------|------------|----------|-----------|----------|----------|----------|----------|----------|---------|-------------------|--------------------|
| | | | CONTINUOUS | MAXIMUM | WEIGHT | NO LOAD | 800 LBS | 2000 LBS | 4000 LBS | 5000 LBS | 6000 LBS | | | 8000 LBS |
| UT10-2S | Ultra Tugger® 10 (UT10) Cable Puller | | 6500 lbs. | 10000 lbs. | 86 lbs. | 16 fpm | | 14.0 fpm | 12.0 fpm | | 7.0 fpm | 6.0 fpm | 1-1/2 HP electric | 7/8" double braid |
| 6800 | Ultra Tugger™ 8 Power Cable Puller | 152 | 6500 lbs. | 8000 lbs. | 86 lbs. | 9 fpm | | 8.0 fpm | 7.5 fpm | | 7.0 fpm | 6.0 fpm | 1-1/2 HP electric | 7/8" double braid |
| 6001 | Super Tugger® Power Cable Puller | 154 | 4500 lbs. | 6500 lbs. | 108 lbs. | 16.5 fpm | | 11.0 fpm | 7.5 fpm | 6.0 fpm | | | 1-1/2 HP electric | 3/4" double braid |
| UT4 | Ultra Tugger® 4 Power Cable Puller | 155 | 3000 lbs. | 4000 lbs. | 175 lbs. | 26/13 fpm | | 20.0 fpm | 10.0 fpm | | | | 1-1/4 HP electric | 9/16" double braid |
| UT2 | Ultra Tugger® 2 Power Cable Puller | 156 | 2000 lbs. | 2000 lbs. | 67 lbs. | 73/41 fpm | 36.0 fpm | 22.0 fpm | | | | | 1 HP electric | 9/16" double braid |
| 766 | Hand Crank Wire Puller | 157 | | 1500 lbs. | 35 lbs. | | | | | | | | | † |

† - 766 comes with 200 ft. of aircraft-type steel swaged cable.



Ultra Tugger® 10 (UT10) Cable Puller: 10,000 lb. (44.5kN) rated

NEW
PRODUCT

CLASSIFIED
cUL US



6906



6900



6901

Speed

- 2-Speed gear-motor enable 20% faster pulling time.
- Shift from high-speed/low-load pulling to low-speed/high-load pulling with a simple double-tap motion on the foot-pedal.

Versatile

- Available with Mobile VersiBoom™ for less than 2 minute, one person set-up, & 20' tall.
- Available with floor mount & chain mount for tighter spaces.

Heavy Duty

- Customized gear motor specifically for heavy-duty cable pulling application and meet UL & cUL safety requirements.

SPECIFICATIONS

| | |
|---|---|
| Pulling Force | Maximum: 10,000 lbs. (44.48 kN) Continuous: 6,500 lbs. (28.9 kN) |
| Dimensions | Length: 11.5" (292 mm) Width: 26" (660 mm) |
| Height | 120V models: 6.75" (172 mm) 220V models: 10.0" (254 mm) |
| Weight | 86 lbs. (39 kg) (08000 only) |
| Pulling Speed – Feet (Meters) Per Minute | No Load: 16 fpm/min (4.88 mpm) At 2000 lbs. (0.9 kN): 14 fpm (4.27 mpm) At 4000 lbs. (1.8 kN): 12 fpm (3.66 mpm) At 6000 lbs. (2.7 kN): 7 fpm (2.13 mpm) At 8000 lbs. (3.6 kN): 6 fpm (1.8 mpm) |
| Drive Motor | 1-1/2 HP (1.1 kW) |
| Power | UT10-2S, UT10-22, 6900, 6900-22, 6901, 6901-22, 6906, 6906-22 |
| Requirements | 7/8" diameter (22.2 mm); Double-Braided Polyester Composite – Rated at 32,000 lbs. (142 kN) minimum breaking strength |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 6900 | 00357 | UT10-2S Package with Floor mount |
| 6900-22 | 00814 | UT10-22 (220 V) Package with Floor mount |
| 6901 | 00358 | UT10-2S Package with Chain mount |
| 6901-22 | 00813 | UT10-22 (220 V) Package with Chain mount |
| 6906 | 00359 | UT10-2S Package with Mobile VersiBoom™ II |
| 6906-22 | 00812 | UT10-22 (220 V) Package with Mobile VersiBoom™ II |
| UT10-2S | 05528 | Puller Assembly |
| UT10-22 | 00829 | (220 V) Puller Assembly |
| 00967 | 00967 | Deluxe Force Gauge |
| 34136 | 34136 | 7/8"(22.2m) Double braided composite rope – 300' |
| 34137 | 34137 | 7/8"(22.2m) Double braided composite rope – 600' |
| 34138 | 34138 | 7/8"(22.2m) Double braided composite rope – 1,200' |

Rope is a very critical link in the cable pulling system. See page 207 for proper pulling rope selection.

| CAT. NO. | UPC NO. | DESCRIPTION | 6900 | 6901 | 6906 |
|----------|---------|------------------------|------|------|------|
| UT10-2S | 05528 | Puller Assembly (UT10) | x | x | x |
| 00865 | 00865 | Mount Assy-Floor | x | | |
| 02846 | 02846 | Chain Mount Ass'y-Pkgd | | x | |
| MVB | 00553 | Mobile Versi Boom | | | x |



VIDEO

A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:
www.youtube.com/GreenleeDEMO



Ultra Tugger® 8 (UT8) Cable Puller: 8000 lb. (35.8kN) rated



Speed

- 8,000 (35.8 kN) lbs. pulling force to handle most pulling jobs.

Versatile

- Available with Mobile VersiBoom™ for less than 2 minute, one person set-up, & 20' tall.
- Available with floor mount & chain mount for tighter spaces.

SPECIFICATIONS

| | |
|---|--|
| Pulling Force | Maximum: 8,000 lbs. (35.8 kN) Continuous: 6,500 lbs. (28.9 kN) |
| Dimensions | Length: 11.5" (292 mm) Width: 26" (660 mm) |
| Height | 120V models: 6.75" (172 mm) 220V models: 10.0" (254 mm) |
| Weight | 86 lbs. (39 kg) (08000 only) |
| Pulling Speed – Feet (Meters) Per Minute | No Load: 9 fpm (2.7 mpm) At 2000 lbs. (0.9 kN): 8 fpm (2.4 mpm) At 4000 lbs. (1.8 kN): 7.5 fpm (2.3 mpm) At 6000 lbs. (2.7 kN): 7 fpm (2.1 mpm) At 8000 lbs. (3.6 kN): 6 fpm (1.8 mpm) |
| Drive Motor | 1-1/2 HP (1.1 kW) |
| Power | 8000, 6800, 6801 =120 VAC 60Hz 20A |
| Requirements | UT8-22, 6800-22 = 220 VAC 50Hz |
| Required Rope | 7/8" diameter (22.2 mm); Double-Braided Polyester Composite – Rated at 32,000 lbs. (142 kN) minimum breaking strength |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 6800 | 00985 | Ultra Tugger 8 Cable Puller with Standard Force Gauge, and Floor Mount |
| 6800-22 | 03196 | Same as 6800, except 220 VAC 50 Hz |
| 6801 | 00986 | Ultra Tugger 8 Cable Puller with Standard Force Gauge, and Conduit Chain Mount |
| 6806 | 00362 | UT8 Package with Mobile VersiBoom™ II |
| 6806-22 | 00369 | UT8-22 (220 V) Package with Mobile VersiBoom™ II |
| 08000 | 08000 | Cable Puller (6800) |
| 00967 | 00967 | Deluxe Force Gauge (see page 158) |
| 34136 | 34136 | Pull Rope 7/8" x 300' (22.2 mm x 91 m) |
| 34137 | 34137 | Pull Rope 7/8" x 600' (22.2 mm x 182 m) |
| 34138 | 34138 | Pull Rope 7/8" x 1,200' (22.2 mm x 365 m) |

| CAT. NO. | UPC NO. | DESCRIPTION | 6800 | 6801 | 6806 |
|----------|---------|------------------------|------|------|------|
| 08000 | 08000 | Cable Puller (6800) | x | x | x |
| 00865 | 00865 | Mount Assy-Floor | x | | |
| 02846 | 02846 | Chain Mount Ass'y-Pkgd | | x | |
| MVB | 00553 | Mobile Versi Boom | | | x |

NOTE: Rope is a very critical link in the cable pulling system. See page 207 for proper pulling rope selection.

Mobile VersiBoom™ II

**NEW
PRODUCT**



Mobile VersiBoom™ II shown with Ultra Tugger® 10, sold separately.

(Does not include UT10)

Quick Set-Up

- One person set-up in less than 2 minutes.

Versatile

- Can be extended up to 20'.
- Use with one 3' boom for tighter spaces.
- Use with 2"-5" slip-on adapters and 2"-4" threaded adapters.

Easy to store and transport

- Can be folded up in less than 2 minutes and can be stored on the back of a pick-up truck.
- Fully contained unit.

SPECIFICATIONS

| | |
|---------------|----------------------|
| Weight | 322 lbs. (146.06 kg) |
| Length | 47" (1193.8mm) |
| Width | 42" (1066.8 mm) |
| Height | 48" (1219.19 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| MVB | 00553 | Mobile VersiBoom™ II |
| 00560 | 00560 | 4' boom |
| 00561 | 00561 | 3' Boom |
| 00562 | 00562 | Elbow/Nose Assembly |
| 00564 | 00564 | 2-1/2" Adapter |
| 00565 | 00565 | 3" Adapter |
| 00567 | 00567 | 4" Adapter |
| 00588 | 00588 | Short Hanger |
| 00589 | 00589 | Long Hanger |

Mobile VersiBoom™ II Components/Accessories



| | CAT. NO. | UPC NO. | DESCRIPTION | SHIPS WITH MVB II |
|---|----------|---------|-----------------------------------|-------------------|
| A | 00471 | 00471 | Coupling Hanger Kit | |
| A | 00563 | 00563 | Adapter Weldment, 2" (UT8) | |
| R | 00564 | 00564 | Adapter Weldment, 2-1/2" | ✓ |
| R | 00565 | 00565 | Adapter Weldment, 3" (UT8) | ✓ |
| A | 00566 | 00566 | Adapter Weldment, 3-1/2" | |
| R | 00567 | 00567 | Adapter Weldment, 4" (UT8) | ✓ |
| A | 00568 | 00568 | 5" Adapter | |
| A | 00583 | 00583 | Adapter Assembly, 2" Screw-On | |
| A | 00584 | 00584 | Adapter Assembly, 2-1/2" Screw-On | |
| A | 00585 | 00585 | Adapter Assembly, 3" Screw-On | |
| A | 00586 | 00586 | Adapter Assembly, 3-1/2" Screw-On | |
| A | 00587 | 00587 | Adapter Assembly, 4" Screw-On | |
| R | 00588 | 00588 | Hanger Weldment, Short | ✓ |
| R | 00589 | 00589 | Hanger Weldment, Long | ✓ |
| A | 00590 | 00590 | Screw On Coupling Kit | |
| A | 00610 | 00610 | Adapter Weldment, 5" (UT8) | |
| R | 00561 | 00561 | 3' Boom | ✓ |
| R | 00560 | 00560 | 4' Boom | ✓ |

Rope is a very critical link in the cable pulling system. See page 207 for proper pulling rope selection.

Super Tugger® Cable Puller: 6500 lb. (28.9 kN) rated



6001



6005



6004

- Pull up to 6,500 lbs. (28.9 kN) with less than 27 lbs. (120 N) of operator effort.
- Unique floor mounting attachment for quick, reliable setup.
- Leaf-type mounting chains won't twist when tightening.
- Heat-treated steel serrated gripper feet for secure mounting to conduit.
- Right-angle sheave allows the operator to stand out of the direct line of force.
- Audio alarm high force warning and circuit breaker shut off at maximum force for added safety.
- Tapered capstan and patented rope guidance system for better control of the rope when feeding onto the capstan.
- Patented.

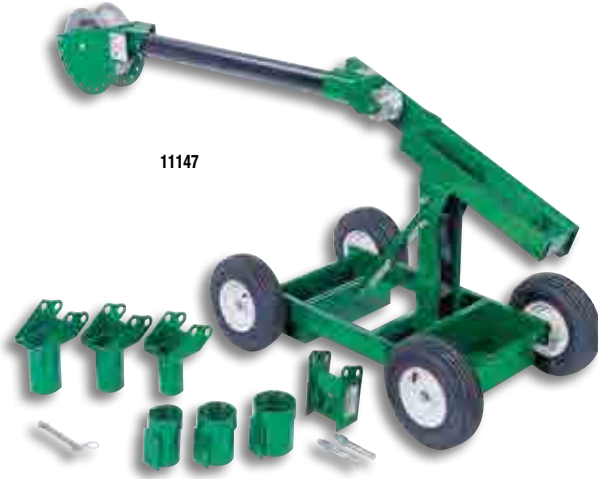
SPECIFICATIONS

| | |
|---|--|
| Pulling Force | Maximum: 6,500 lbs. (28.9 kN) Continuous: 4,500 lbs. (20 kN) |
| Dimensions | Length: 20-3/4" (527 mm) Width: 22-1/2" (572 mm) Height: 12" (305 mm) |
| Weight | 6001, 6001-22: 108 lbs. (49 kg) 6003: 454 lbs. (206 kg) 6000, 6000-22: 550 lbs. (250 kg) 6006, 6006-22: 612 lbs. (278 kg) |
| Pulling Speed – Feet (Meters) Per Minute | No Load: 16.5 (5) At 2000 lbs.: (8.8 kN) – 11 (3.4) At 4000 lbs.: (17.9 kN) – 7.5 (2.3) At 6000 lbs.: (26.7 kN) – 6 (1.8) |
| Drive Motor | 1-1/2 HP (1.1 kW) |
| Power Requirements | 6001, 6004, 6005 – 120 VAC 16Hz 20A 6001-22 – 220 VAC 50Hz |
| Required Rope | 3/4" (19.1 mm) Double-Braided Composite – Rated at 26,000 lbs. (115.6 kN) |

| | CAT. NO. | UPC NO. | DESCRIPTION |
|--|----------|---------|--|
| | 6001 | 29627 | Super Tugger Cable Puller Power Unit, Includes force gauge and vise chains |
| | 6001-22 | 31466 | Same as 6001 except 220 VAC 50 HZ |
| | 6004 | 56358 | Super Tugger Complete Puller Package, Includes 6001 Super Tugger, Floor Mount, Mobile Carriage, Boom Mount, 4' Boom Tube, Nose Unit, 2 1/2", 3", 3 1/2", 4" Slip-in and Screw-On Couplings & Storage Trays |
| | 6005 | 56359 | Super Tugger Complete Puller Package, Includes 6001 Super Tugger, Floor Mount, Mobile Carriage, Boom Mount, 4' Boom Tube, Nose Unit, 3' Boom Tube, Elbow Unit, 2 1/2", 3", 3 1/2", 4" Slip-in and Screw-On Couplings and Storage Trays |
| | 35098 | 35098 | Double-Braided Composite Rope 3/4" × 300' (19.1 mm × 91 m) |
| | 35100 | 35100 | Double-Braided Composite Rope 3/4" × 600' (19.1 mm × 182 m) |
| | 35101 | 35101 | Double-Braided Composite Rope 3/4" × 1,200' (19.1 mm × 365 m) |
| | 3048 | 23362 | Storage Box (See page 410) |
| | 11147 | 11147 | Ultra Tugger 640/6001 Adapter Package Includes wheeled carriage, 4 ft. (1.2 m) boom, boom adapter, nose unit, 2-1/2", 3" and 4" slip-in couplings and 2", 3" and 4" screw-on couplings |
| | 3048 | 23362 | Storage Box |

NOTE: Rope is a very critical link in the cable pulling system. See page 207 for proper pulling rope selection.

11147 Ultra Tugger® 6001 Adapter Package



- Adapt 6001 Super Tugger to Ultra Tugger Wheeled Carriage and Boom for faster and easier cable puller setups.
- Wheeled carriage and boom provides fast setup with no anchors to set or chains to mount.
- Boom uses 3" rigid steel conduit for easy length adjustment to pull 10 feet (3m) of cable out of the box fast and easy.
- Optional Elbow Unit and Boom available to reach into manholes or pull up to 20 feet (6 m) of cable out of the box.

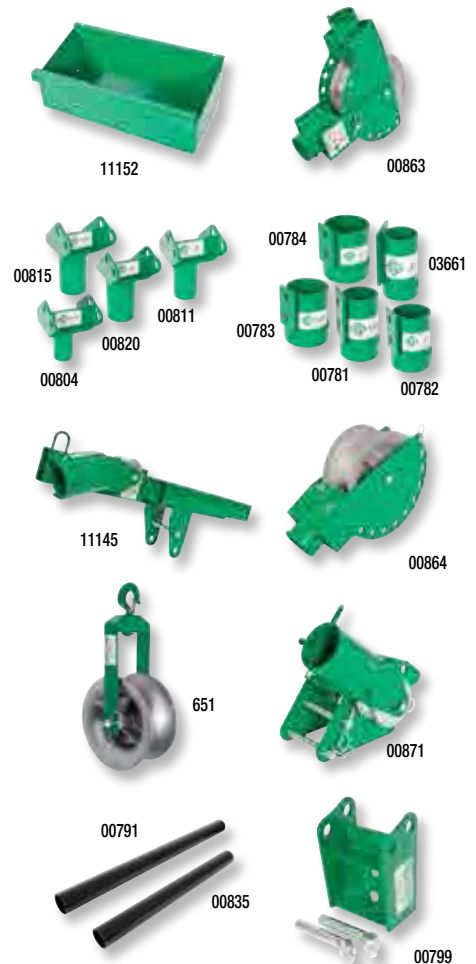
SPECIFICATIONS

| | |
|--------------------|-----------------------------|
| Weight | 198 lbs. (90 kg) |
| Length | 91-1/2" (232 cm) |
| Width | 27" (69 cm) |
| Height | 38-1/2" (98 cm) |
| Use With | Greenlee 6001 Cable Pullers |
| Load Rating | 6500 lbs. (28.9 kN) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 11147 | 11147 | Ultra Tugger 640/6001 Adapter Package Includes wheeled carriage, 4 ft. (1.2 m) boom, boom adapter, nose unit, 2-1/2", 3" and 4" slip-in couplings and 2", 3" and 4" screw-on couplings |

Package Components

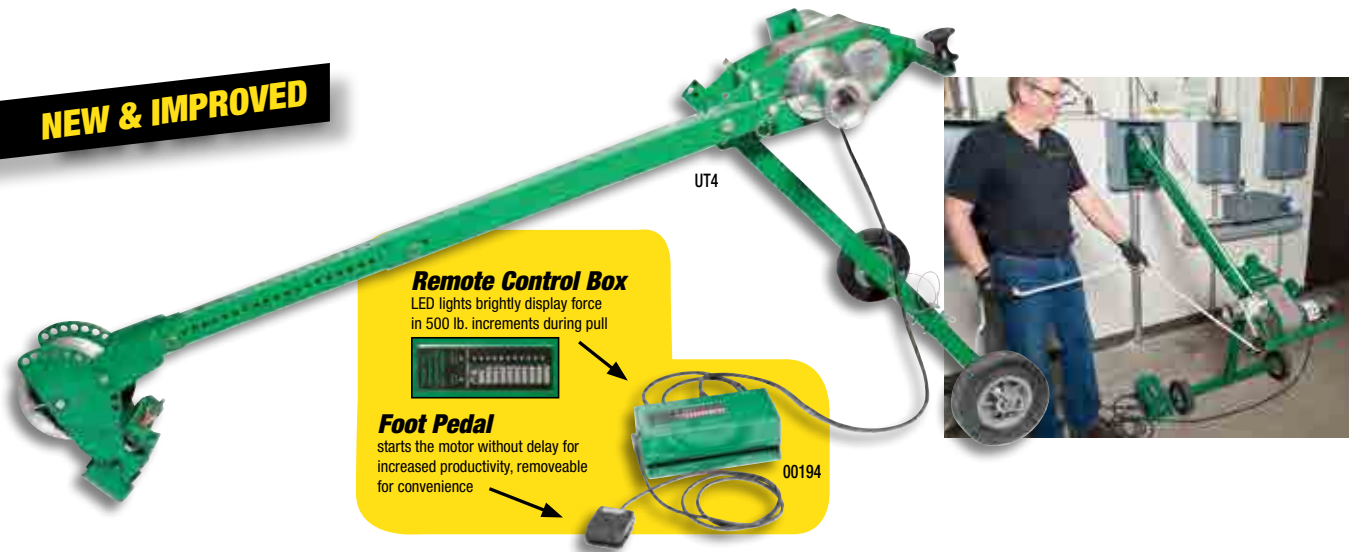
| CAT. NO. | UPC NO. | DESCRIPTION | SUPER TUGGER - 6,500 LB | | | |
|----------|---------|--|-------------------------|------|---------|---------|
| | | | 110 VAC | | 220 VAC | |
| | | | 6001 | 6004 | 6005 | 6001-22 |
| 6001 | 29627 | Cable Puller w/Force Gauge 120 VAC, 60 Hz | ✓ | ✓ | ✓ | |
| 6001-22 | 31466 | Cable Puller w/Force Gauge 220 VAC, 50 Hz | | | | ✓ |
| 6037 | 35605 | Floor Mount | | ✓ | ✓ | |
| 29631 | 29631 | Vise Chains | ✓ | ✓ | ✓ | ✓ |
| 11230 | 11230 | Wheeled Carriage | | ✓ | ✓ | |
| 11145 | 11145 | Boom Mount | | ✓ | ✓ | |
| 00791 | 00791 | 4' (1.2 m) Boom Tube | | ✓ | ✓ | |
| 00864 | 00864 | Nose Unit | | ✓ | ✓ | |
| 00863 | 00863 | Elbow Unit | | | ✓ | |
| 00835 | 00835 | 3' (.9 m) Boom Tube | | | ✓ | |
| 03661 | 03661 | 2" Screw-On Coupling | | | | |
| 00781 | 00781 | 2-1/2" Screw-On Coupling | | ✓ | ✓ | |
| 00782 | 00782 | 3" Screw-On Coupling | | ✓ | ✓ | |
| 00783 | 00783 | 3-1/2" Screw-On Coupling | | ✓ | ✓ | |
| 00784 | 00784 | 4" Screw-On Coupling | | ✓ | ✓ | |
| 00799 | 00799 | Adapter for Screw-On Coupling | | ✓ | ✓ | |
| 00804 | 00804 | 2-1/2" Slip-In Coupling | | ✓ | ✓ | |
| 00811 | 00811 | 3" Slip-In Coupling | | ✓ | ✓ | |
| 00815 | 00815 | 3-1/2" Slip-In Coupling | | ✓ | ✓ | |
| 00820 | 00820 | 4" Slip-In Coupling | | ✓ | ✓ | |
| 11152 | 11152 | Storage Trays (2) | | ✓ | ✓ | |
| 651 | 15325 | 12" Hook Sheave | | | | |



Rope is a very critical link in the cable pulling system. See page 207 for proper pulling rope selection.

Ultra Tugger® 4 (UT4) Cable Puller: 4,000 lb. (22.2kN) Rated

NEW & IMPROVED



Connect for an upward pull



Connect for an downward pull



Connect at floor height



Optional 12' boom extension for high pulls



Optional floor mount

Speed

- 2 speed gear-box can pull 20 fpm at 2000 lbs. and 10 fpm on low speed at 4000 lbs.

Versatile

- Available with floor mount option for use in tight spaces.
- Boom extends to 8'. A 12' boom extension accessory is available.

Quick Set-up

- Quick latch system attaches to the outside of threaded and unthreaded conduit without need for adapters.

SPECIFICATIONS

| | |
|--------------------------------------|--|
| Maximum Pulling Force | High Speed 2,000 lbs. (909 kg) Low Speed 4,000 lbs. (1,818 kg) |
| Continuous Pulling Force: | Low Speed 3,000 lbs. (1,364 kg) |
| High Pulling Speeds: | No Load 26 fpm (8 mpm) 2,000 lbs. (909 kg) 20 fpm (6 mpm) |
| Low Pulling Speeds: | No Load 13 fpm (4 mpm) 2,000 lbs. (909 kg) 10 fpm (3 mpm) |
| *Pulling Rope: | 9/16" diameter double braided composite (16,000 lbs. minimum breaking strength) |
| Conduit Size: | 2" to 4" |
| Weight: | 175 lbs. (80kg) |
| Drive Motor: | 1-1/4 hp, 120 VAC, 60 Hz |
| Electrical Plug: | 120 V, 15 Amp |
| Force Gauge: | Standard |
| Foot Switch: | Standard |
| Standard Boom Extension: | 8' (2.4 m) maximum |
| Optional Long Boom Extension: | 12' (3.6 m) maximum |
| Pulling Capability: | 3 x 750 kmil cable 600' with 2 x 90° bends 4 x 350 kmil cable 400' with 4 x 90° bends 3 x 500 kmil cable 400' with 3 x 90° bends |

* Greenlee recommends that only low stretch double braided composite rope be used with the UT4. High stretch ropes can release large amounts of energy should they break during use.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| UT4 | 21552 | 4,000 lb. Cable Puller |
| UT4F | 00154 | UT4 Puller Package with Floor Mount |
| UT4-22 | 00644 | 4,000 lb. Cable Puller - 220 Volt |
| UT4F-22 | 00884 | UT4 Puller Package with Floor Mount - 220 Volt |
| A 10014 | 10014 | Floor Mount for UT4 Cable Puller |
| A 10015 | 10015 | 12' Long Extension Boom for UT4 Cable Puller |
| A 35283 | 35283 | Double-Braided Composite Rope 9/16" x 300' (14.3 mm x 91 m) |
| A 35284 | 35284 | Double-Braided Composite Rope 9/16" x 600' (14.3 x 182 m) |
| A 35285 | 35285 | Double-Braided Composite Rope 9/16" x 1,200 (14.3 mm x 365 m) |
| A 3048 | 23362 | Storage Box |
| A 2142 | 31651 | Storage Box (requires boom to be removed from puller) |
| 00149 | 00149 | UT-4 Nose Retrofit Kit |
| 00194 | 00194 | UT-4 Control Box Retrofit Kit |

Rope is a very critical link in the cable pulling system. See page 207 for proper pulling rope selection.

Ultra Tugger® 2 Cable Puller: 2000 lb. (8.8 kN) Rated



- Quick Latch System attaches to all conduit sizes with no loose parts.
- Adjustable elbow and extendable boom adjust easily to fit your job needs.
- Right Angle Sheave keeps operator out of direct line with the pulling rope.
- Dual Diameter capstan provides 2 pulling speeds.
- Cross Tube provides a solid base for setup and during pull.
- Integral Motor designed specifically for cable pulling applications.
- Circuit Breaker stops the puller motor if it becomes overloaded.
- Wheels provide easy movement around jobsite.

SPECIFICATIONS

| | | |
|-----------------------------|--|-------------------------------|
| Pulling Force | High Speed Capstan | 1,000 lb. (455 kg) continuous |
| | Low Speed Capstan | 2,000 lb. (909 kg) continuous |
| Drive Motor | 120 VAC, 50/60 Hz, 12 Amps | |
| Weight | 67 lbs. | |
| Pulling Speeds | High Speed Capstan | |
| | No Load: | 73 fpm (22 mpm) |
| | 500 lb. Load (227 kg): | 36 fpm (11 mpm) |
| | 1,000 lb. Load (455 kg): | 22 fpm (7 mpm) |
| Low Speed Capstan | | |
| No Load: | 41 fpm (12 mpm) | |
| 1,000 lb. Load (455 kg): | 36 fpm (11 mpm) | |
| 2,000 lb. Load (909 kg): | 22 fpm (7 mpm) | |
| Pulling Rope | 1/2" polyester (10,000 lb. minimum breaking strength) | |
| | *Greenlee recommends that only low stretch polyester rope be used with the UT2. High stretch ropes can release large amounts of energy should they break during use. | |
| Conduit Size | 1" or larger | |
| Pulling Capabilities | 3 x 500 kcmil cable 500' with 2 x 90° bends | |
| | 3 x 500 kcmil cable 250' with 4 x 90° bends | |
| | 8 x 4/0 AWG cable 300' with 3 x 90° bends | |

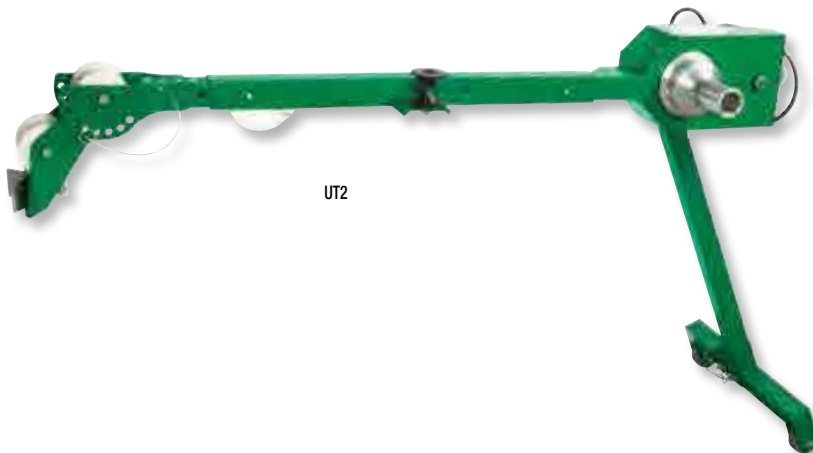


UP PULL

DOWN PULL

SIDE PULL

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| UT2 | 02010 | 2,000 LB. Cable Puller Unit |
| A 56362 | 56362 | Trailer hitch adapter (fits 2" receiver) |
| A 2448 | 23273 | Storage Box |
| A 455 | 23774 | 1/2" x 300' (12.7 mm x 91 m) Double Braided Rope |
| A 456 | 23777 | 1/2" x 600' (12.7 mm x 182 m) Double Braided Rope |



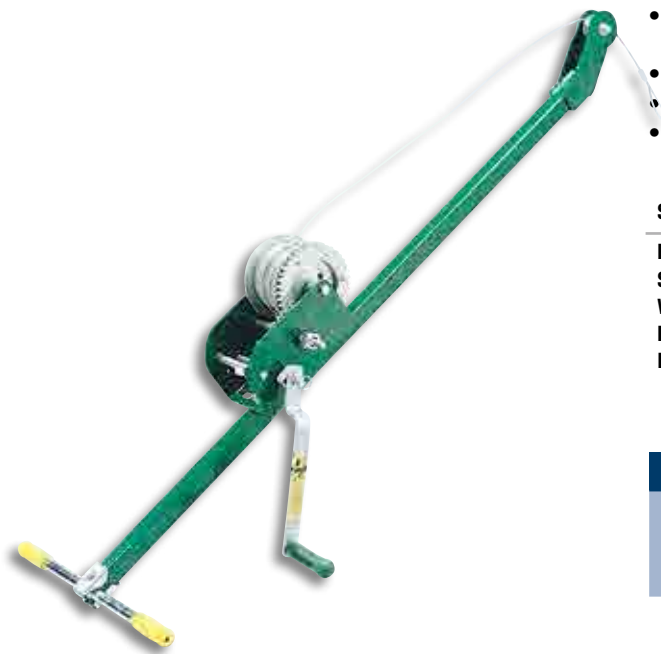
UT2



56362

NOTE: Rope is a very critical link in the cable pulling system. See page 207 for proper pulling rope selection.

Hand Crank Wire Puller



- Pull up to 1500 lbs. (6.7 kN) with only 30 lbs. (133 N) of crank handle force.
- Two-speed ratchet winder for fast, efficient operation.
- Has 200' (61 m) of steel aircraft cable.
- Completely self-contained and ready to operate.

SPECIFICATIONS

| | |
|----------------------|----------------------------------|
| Pulling Force | Maximum - 1500 lbs. (6.6 kN) |
| Size | 200' (61 m) pulling cable length |
| Weight | 38 lbs. (17.2 kg) |
| Power | Manual - 2-Speed Hand Crank |
| Dimensions | Length - 52" (1.32 m) |
| | Width - 18" (457 mm) |
| | Height - 10" (254 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------------|
| 766 | 18202 | Hand Crank Wire Puller |
| 50954 | 50954 | 200' (61 m) spool of steel cable |
| 13955 | 14568 | Shear Pin |
| 28280 | 28280 | Crank Handle Assembly |

TUGGER ACCESSORIES

Deluxe Force Gauge






- Measures tension on the rope, to an accuracy of $\pm 5\%$.
- Accuracy is not affected by initial rope size, or the change in rope size as it is loaded.
- 0-10 VDC Analog output to optional strip chart recorder for permanent record of pulling force.
- Switchable 120VAC receptacle for chart recorder.
- Use with pulling rope up to 7/8" diameter (22.2 mm) maximum. Also use with Kevlar® tape.

SPECIFICATIONS

Deluxe Force Gauge Accuracy $\pm 5\%$

- Use with any puller that uses Versi-Boom system.
Including : 6005, 6004, 645 and 643

| CAT. NO. | UPC NO. | DESCRIPTION |
|---|---------|-------------------------------|
| 00967 | 00967 | Deluxe Force Gauge |
|  33901 | 33901 | Strip Chart Recorder |
|  22410 | 22410 | Fan Fold Chart Paper- 15 pack |
|  22451 | 22451 | Recorder Pens- 5 pack |

Cable Pull Force Estimator

NEW PRODUCT



- Calculates estimated cable pulling force requirements based on user inputs
- Simple to follow instructions included on the calculator
- Consists of an Excel based calculator that can be used either from the supplied CD or downloaded.
- Works with Windows 7, Vista, XP and Mac OS.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------------------|
| PF8 | 20956 | Cable Pull Force Estimator* (CD-ROM) |

*Microsoft® Excel Required

Foot Switch for Cable Pullers

NEW PRODUCT



- Use with UT2, 640, 6001, 6500 or 6800 cable pullers to add foot control.
- Foot pressure required to operate.

SPECIFICATIONS

Power Source 120 VAC
Weight 3.5 lbs. (1.6 kg)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
| 444 | 01874 | Foot Switch |

PULLING ACCESSORIES

Hook Sheaves - 8,000lb Capacity



- For use with UT8, UT5, 6001, UT4 and UT2 cable pullers.
- Strong, welded steel frames.
- Forged steel closure type hooks with 1" (25.4 mm) opening.
- All three sheaves are aluminum alloy with self-lubricating bearings.

| SHEAVE | 8012 | | 8018 | | 8024 | |
|-----------------|----------------|---------|----------------|---------|----------------|---------|
| DIAMETER | 12" (304.8 MM) | | 18" (457.2 MM) | | 24" (609.6 MM) | |
| DESCRIPTION | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. |
| Roll Pin | 50700 | 50700 | 50700 | 50700 | 50700 | 50700 |
| Sheave Pin | 00838 | 00838 | 00838 | 00838 | 00838 | 00838 |
| Sheave Pin Clip | 50302 | 50302 | 50302 | 50302 | 50302 | 50302 |
| Sheave Unit | 00843 | 00843 | 00843 | 00843 | 00843 | 00843 |
| Yoke Frame | 00854 | 00854 | 00854 | 00854 | 00854 | 00854 |

SPECIFICATIONS

| CAT. NO. | UPC NO. | OUTSIDE DIAMETER | INSIDE RADIUS | WIDTH | WEIGHT | MAXIMUM RATED CAPACITY |
|----------|---------|------------------|-------------------|-------------------|------------------|------------------------|
| 8012 | 00872 | 12" (304.8 mm) | 3-7/8" (98.4 mm) | 5" (127 mm) | 28 lbs (12.7 kg) | 8,000 lbs. (35.8 kN) |
| 8018 | 00873 | 18" (457.2 mm) | 7" (177.8 mm) | 6" (152.4 mm) | 44 lbs (19.9 kg) | 8,000 lbs. (35.8 kN) |
| 8024 | 00874 | 24" (609.6 mm) | 9-7/8" (250.8 mm) | 6-1/2" (165.1 mm) | 67 lbs (30.3 kg) | 8,000 lbs. (35.8 kN) |

Hook-Type Sheaves - 4,000lb Capacity



- Strong, welded steel frames.
- Forged steel closure-type hooks with 1" (25.4 mm) opening.
- 5" (127 mm) wide aluminum alloy sheaves with self-lubricating bearings.
- Select a sheave with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 650 | 15324 | 6" (152.4 mm) dia. Hook Sheave with 1-1/2" (38.1 mm) min. radius |
| 651 | 15325 | 12" (304.8 mm) dia. Hook Sheave with 3-5/16" (84.1 mm) min. radius |
| 652 | 15326 | 18" (457.2 mm) dia. Hook Sheave with 7" (177.8 mm) min. radius |
| 653 | 15327 | 24" (609.6 mm) dia. Hook Sheave with 9-13/16" (249.2 mm) min. radius |

SPECIFICATIONS

| | |
|-------------------------------|---|
| Maximum Rated Capacity | 4,000 lbs. (17.8 kN) |
| Weight | 650 - 8.8 lbs. (4 kg) 651 - 15 lbs. (6.8 kg) 652 - 25 lbs. (11.3 kg) 653 - 35 lbs. (15.9 kg) |

| SHEAVE | 650 | | 651 | | 652 | | 653 | |
|---------------------|---------------|---------|----------------|---------|----------------|---------|----------------|---------|
| DIAMETER | 6" (152.4 MM) | | 12" (304.8 MM) | | 18" (457.2 MM) | | 24" (609.6 MM) | |
| DESCRIPTION | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. |
| Sheave Pin | 16797 | 16797 | 16797 | 16797 | 16797 | 16797 | 16797 | 16797 |
| Sheave Pin Clip (2) | 50302 | 50302 | 50302 | 50302 | 50302 | 50302 | 50302 | 50302 |
| Sheave | 15362 | 15362 | 15358 | 15358 | 15363 | 15363 | 15364 | 15364 |
| Sheave Bushing (2) | 16798 | 16798 | 16798 | 16798 | 16798 | 16798 | 16798 | 16798 |
| Yoke Frame | 16799 | 16799 | 16800 | 16800 | 16801 | 16801 | 16802 | 16802 |

Right-Angle Twin Yoke Sheave - 4,000lb Capacity



- 9-13/16" (249 mm) minimum radius.
- Strong welded steel yokes.
- Forged steel closure type hook with 1" (25.4 mm) opening.
- 5" (127 mm) wide aluminum alloy sheave with self-lubricating bearings.
- Yokes rotate independently to fit various setups.
- Use with any cable puller whose maximum pulling force is 4,000 lbs. (17.8 kN) or less.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 639 | 17265 | Right Angle Twin Yoke Sheave with 9-13/16" (249 mm) min. radius |

SPECIFICATIONS

| | |
|-------------------------------|----------------------|
| Maximum Rated Capacity | 4,000 lbs. (17.8 kN) |
| Weight | 45 lbs. (20.4 kg) |

| SHEAVE | 6036 | | |
|-----------------|----------|---------|----------|
| DESCRIPTION | CAT. NO. | UPC NO. | QUANTITY |
| Sheave Pin | 17266 | 17266 | 1 |
| Sheave Pin Clip | 50302 | 50302 | 2 |
| Sheave | 15364 | 15364 | 1 |
| Sheave Bushing | 16798 | 16798 | 2 |
| Yoke Frame | 17299 | 17299 | 2 |

Conveyor Sheaves - 4,000lb Capacity



- Welded steel frame with a series of sheaves to form a large radius.
- Yokes with cast steel closure-type hooks with a 1" (25.4 mm) opening.
- 5" (127 mm) wide aluminum alloy sheaves.
- Use with any cable puller whose maximum pulling force is 4,000 lbs. (17.8 kN) or less.

SPECIFICATIONS

| | |
|------------------------------|--------------------------|
| Maximum Pulling Force | 4,000 lbs. (17.8 kN) |
| Weight | 4024 - 54 lbs. (24.5 kg) |
| | 4036 - 60 lbs. (27 kg) |
| | 4048 - 83 lbs. (38 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 4024 | 26368 | 24" (609.6 mm) Conveyor Sheave with 6 sheave wheels |
| 4036 | 26369 | 36" (914.4 mm) Conveyor Sheave with 8 sheave wheels |
| 4048 | 26370 | 48" (1219 mm) Conveyor Sheave with 10 sheave wheels |
| 19185 | 19185 | Yoke frame |
| 15362 | 15362 | Sheave w/bearings |
| 19186 | 19186 | Sheave Pin |
| 50302 | 50302 | Sheave Pin Clip (2) |
| 31573 | 31573 | Sheave Pin |

Triple Sheave Cable Guide - 6,500lb Capacity



- Adjustable center sheave for 19-1/2" (495 mm) or 36" (914 mm) radius.
- Forged steel closure type hook with 1-1/2" (38.1 mm) opening.
- Aluminum frames for light weight.
- Steel yoke is pinned for easy removal.
- 21-7/8" (555 mm) high, 24" (610 mm) long, 7-3/8" (187 mm) wide with 5" (127 mm) wide sheaves.
- Use with any cable puller whose maximum pulling force is 6,500 lbs. (28.9 kN) or less.

| SHEAVE DESCRIPTION | 6036 | | |
|--------------------|----------|---------|----------|
| | CAT. NO. | UPC NO. | QUANTITY |
| Sheave Axle | 31573 | 31573 | 3 |
| Sheave Bolt Washer | 51434 | 51434 | 6 |
| Sheave Pin | 29600 | 29600 | 1 |
| Sheave Pin Clip | 50302 | 50302 | 2 |
| Sheave Bushing | 16798 | 16798 | 6 |
| Sheave | 15362 | 15362 | 3 |

Sheave Bolt is a 3/8"-24 x 3/4" hex head socket head cap screw (grade 5) and is available at most hardware stores.

SPECIFICATIONS

| | |
|-------------------------------|----------------------|
| Maximum Rated Capacity | 6,500 lbs. (28.9 kN) |
| Weight | 28 lbs. (12.7 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------|
| 6036 | 31569 | Triple Sheave Cable Guide |

Feeding Sheaves



- Yoke frame slides into the end of conduit and holds sheave, allowing the cable being fed into the conduit to smoothly roll over the sheave.
- 5" (127 mm) wide aluminum alloy sheave with self-lubricating bearings.
- Split tube for easy removal after cable is installed.
- See the Capacity Table (below).

SPECIFICATIONS

Rated Capacity See Capacity Table Below for details.

| Weight | Width of Shaft Opening |
|------------------------------|------------------------|
| 441-2 – 9 lbs. (4.5 kg) | 441-2 – 1.24" |
| 441-2-1/2 – 11 lbs. (5 kg) | 441-2-1/2 – 1.37" |
| 441-3 – 14 lbs. (6.4 kg) | 441-3 – 1.79" |
| 441-3-1/2 – 17 lbs. (7.7 kg) | 441-3-1/2 – 1.75" |
| 441-4 – 19 lbs. (8.6 kg) | 441-4 – 1.99" |
| 441-5 – 26 lbs. (11.8 kg) | 441-5 – 2.23" |
| 441-6 – 28 lbs. (12.7 kg) | 441-6 – 2.75" |

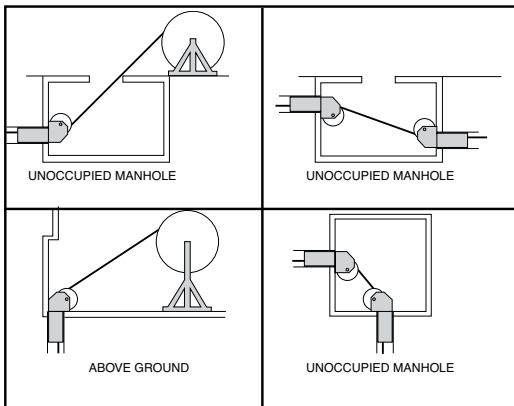
| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|-----------------------------------|
| 441-2 | 30183 | Feeding Sheave for 2" conduit |
| 441-2-1/2 | 30358 | Feeding Sheave for 2-1/2" conduit |
| 441-3 | 30188 | Feeding Sheave for 3" conduit |
| 441-3-1/2 | 30363 | Feeding Sheave for 3-1/2" conduit |
| 441-4 | 30347 | Feeding Sheave for 4" conduit |
| 441-5 | 30193 | Feeding Sheave for 5" conduit |
| 441-6 | 13460 | Feeding Sheave for 6" conduit |



| SHEAVE DIAMETER DESCRIPTION | 441-2 | | 441-2-1/2 | | 441-3 | | 441-3-1/2 | | 441-4 | | 441-5 | |
|-----------------------------------|------------|---------|----------------|---------|------------|---------|----------------|---------|------------|---------|------------|---------|
| | 2" CONDUIT | | 2-1/2" CONDUIT | | 3" CONDUIT | | 3-1/2" CONDUIT | | 4" CONDUIT | | 5" CONDUIT | |
| | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. |
| Sheave Pin | 25160 | 25160 | 25160 | 25160 | 25160 | 25160 | 25160 | 25160 | 25160 | 25160 | 25160 | 25160 |
| Sheave Pin Clip (2) | 50302 | 50302 | 50302 | 50302 | 50302 | 50302 | 50302 | 50302 | 50302 | 50302 | 50302 | 50302 |
| Sheave | 15362 | 15362 | 15362 | 15362 | 15362 | 15362 | 15362 | 15362 | 15362 | 15362 | 15362 | 15362 |

CAPACITY TABLE

| ANGLE OF PULL | ANGLE | | | | | |
|------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|
| | 441-2 | 441-2-1/2 | 441-3 | 441-3-1/2 | 441-4 | 441-5 |
| 15° | 1750 lbs. 7.7 kN | 1900 lbs. 8.4 kN | 6050 lbs. 26.9 kN | 6500 lbs. 28.9 kN | 6500 lbs. 28.9 kN | 6500 lbs. 28.9 kN |
| 30° | 900 lbs. 4.0 kN | 1000 lbs. 4.4 kN | 3150 lbs. 14.0 kN | 5050 lbs. 22.4 kN | 6500 lbs. 28.9 kN | 6500 lbs. 28.9 kN |
| 45° | 650 lbs. 2.8 kN | 700 lbs. 3.1 kN | 2200 lbs. 9.7 kN | 3550 lbs. 15.7 kN | 5200 lbs. 23.1 kN | 6500 lbs. 28.9 kN |
| 60° | 500 lbs. 2.2 kN | 550 lbs. 2.4 kN | 1800 lbs. 8.0 kN | 2900 lbs. 12.8 kN | 4200 lbs. 18.6 kN | 6000 lbs. 26.6 kN |
| 75° | 450 lbs. 2.0 kN | 500 lbs. 2.2 kN | 1600 lbs. 7.1 kN | 2600 lbs. 11.5 kN | 3650 lbs. 16.2 kN | 5500 lbs. 24.4 kN |
| 90° | 450 lbs. 2.0 kN | 500 lbs. 2.2 kN | 1550 lbs. 6.8 kN | 2500 lbs. 11.1 kN | 3500 lbs. 15.5 kN | 5250 lbs. 23.3 kN |



Manhole Sheaves for UT2®, Tugger® and Super Tugger®



- High-strength aluminum alloy frame for easy setup.
- Adjustable, a full range of sheave pin positions over the frame length to accommodate most manhole setups.
- 18" (457 mm) diameter aluminum alloy sheaves with 7" (178 mm) minimum radius and 5" (127 mm) width.
- Self-lubricating bearings for easier cable pulling.

SPECIFICATIONS

| | |
|------------------------|-----------------------------|
| Maximum Rated Capacity | 6072 - 6,500 lbs. (28.9 kN) |
| Weight | 6072 - 190 lbs. (86.2 kN) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------|
| 6072 | 31395 | 12' (3.7 m) Manhole Sheave |

Nylon Cable Protector



- Fits in the end of conduit to shield the cable from sharp edges as it is being fed through.
- Rugged nylon resists abrasion.

SPECIFICATIONS

| | |
|---------------|--------------------------|
| Weight | 488-2 - 0.08 lbs. (36 g) |
| | 488-3 - 0.2 lbs. (90 g) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 488-2 | 32928 | Nylon Cable Protector for 2" and 2-1/2" conduit |
| 488-3 | 32929 | Nylon Cable Protector for 3" - 6" conduit |

Cable Guide



- Position where cables are being pulled over sharp edges.

SPECIFICATIONS

| | |
|---------------|-------------------------------|
| Weight | 489 - .5 lbs. (227 g) |
| Size | 13" L x 3-1/4" W x 12" radius |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------|
| 489 | 32930 | Nylon Cable Guide |

Light Base Sheave



- Mounts directly to existing square light pole bolt patterns.
- Slotted mounting holes fit a wide range of bolt circle sizes.
- Tall enough to position sheave above most conduits.
- Rugged welded steel base structure.
- Allows user to install wires into outdoor light bases by pulling horizontally.
- Also can be used to feed wires into vertical light base conduit.

SPECIFICATIONS

| | |
|-----------------------------------|--|
| Overall Height | 14-1/2" (368 mm) |
| Weight | 18 lbs. (8.2 kg) |
| Bolt Circle Capability | 7.8" (198 mm) to 14.8" (376 mm) diameter |
| Maximum Mounting Bolt Dia. | 1" (25 mm) diameter at 7.8" (198 mm) bolt circle |
| | 1-1/2" (38 mm) at 14.8" (376 mm) bolt circle |
| Pulling Capacity | 500 lbs. (227 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------|
| 459 | 89800 | Light Base Sheave |

CABLE TRAY ACCESSORIES

CR100

NEW PRODUCT



- Sturdy steel construction to withstand cable pulling loads.
- Securely traps the cable within the guide during cable installation.
- Six rollers on 4 sides provide minimum resistance for cable installation and won't damage the cable jacket.
- Clamp mechanism to attach the guide to tray-no tools needed.
- Guide can be opened by removing either of two corner pins.

SPECIFICATIONS

| | |
|------------------------------------|-----------------------------------|
| Dimensions - Inside Rollers | 8-1/2" x 8-1/4" (216 mm x 210 mm) |
| Weight | 11.7 lbs. (5.3 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------|
| CR100 | 12372 | Cable Tray Roller Guide |

CR25



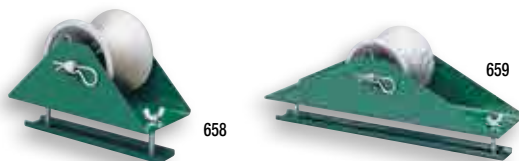
- Six nylon rollers provide smooth movement of cable and prevent cable damage.
- Pull pin makes opening and closing to insert and remove cables a simple one step operation.
- Adjustment clamp allows the CR25 to be swiveled and/or rotated into any position.
- Heavy duty 12 gauge cold rolled steel construction for durability and zinc dichromate finish prevents corrosion.
- Up to 20 network cables can be pulled at one time.
- Easily attaches to wooden framing members using a lag bolt and the hole in the mounting bracket of the CR25.
- May also be used with coax, NM, small size THHN, and similar cables.

SPECIFICATIONS

| | |
|----------------------------|-------------------|
| Roller Opening Size | 3" (76 mm) square |
| Weight | 2 lb. (1 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------|
| CR25 | 12211 | Cable Roller Guide |

Tray-Type Sheaves



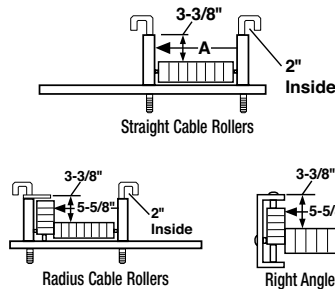
- Steel frame easily attaches to cable tray up to 2" (50.8 mm) thick.
- Helps roll and guide tray pulls.
- Make tray pulls easier.
- 5" (127 mm) wide aluminum alloy sheaves with self lubricating bearings.

SPECIFICATIONS

| | | |
|---------------|---------------------------|---------------------------|
| Size | 658 – 12" (304.8 mm) long | 659 – 22" (558.8 mm) long |
| Weight | 658 – 11 lbs. (5 kg) | 659 – 17 lbs. (7.7 kg) |

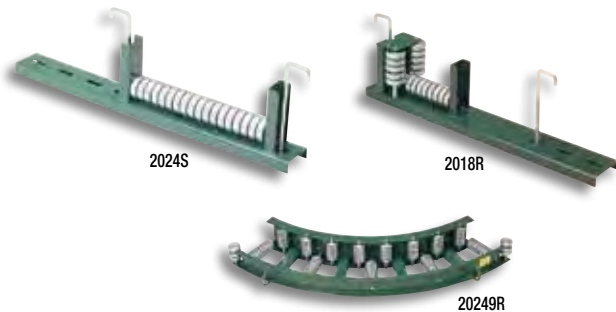
| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------|
| 658 | 15332 | Tray-Type Sheave |
| 659 | 19094 | Tray-Type Sheave |

Cable Tray Rollers



SPECIFICATIONS

| Weight | 2018S – 8 lbs. (3.6 kg) | 2018R – 11 lbs. (5 kg) |
|--------|----------------------------|--------------------------|
| | 2024S – 10 lbs. (4.5 kg) | 2024R – 12 lbs. (5.4 kg) |
| | 2030S – 13 lbs. (5.9 kg) | 2030R – 13 lbs. (5.9 kg) |
| | 2036S – 15 lbs. (6.8 kg) | 2036R – 14 lbs. (6.3 kg) |
| | 20249R – 41 lbs. (18.6 kg) | 20369R – 53 lbs. (24 kg) |



- Installed up through the bottom of the tray for easy removal after the cable is installed.
- Individual rollers keep rolling with each cable even after several cables have been installed in the tray.
- Steel ball bearing rollers for long life and less friction.
- Steel welded frame.
- Adjustment slots and universal mounting brackets.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
| 28170 | 28170 | J-Hook |

| CAT. NO. | UPC NO. | DIMENSION A |
|----------|---------|----------------------|
| 2018S | 27383 | 6-5/16" (160.3 mm) |
| 2024S | 27384 | 12-1/2" (317.5 mm) |
| 2030S | 27386 | 18-11/16" (474.7 mm) |
| 2036S | 27387 | 24-7/8" (631.8 mm) |

| CAT. NO. | UPS NO. | DESCRIPTION |
|----------|---------|-------------|
|----------|---------|-------------|

STRAIGHT CABLE ROLLERS

| | | |
|-------|-------|--|
| 2018S | 27383 | Straight Cable Roller for 12" - 18" (304.8 - 457.2 mm) wide tray |
| 2024S | 27384 | Straight Cable Roller for 20" - 24" (508 - 609.6 mm) wide tray |
| 2030S | 27386 | Straight Cable Roller for 24" - 30" (609.6 - 762 mm) wide tray |
| 2036S | 27387 | Straight Cable Roller for 30" - 36" (762 - 914.4 mm) wide tray |

Radius Cable Rollers

| | | |
|-------|-------|--|
| 2018R | 27388 | Radius Cable Roller for 12" - 18" (304.8 - 457.2 mm) wide tray |
| 2024R | 27389 | Radius Cable Roller for 20" - 24" (508 - 609.6 mm) wide tray |
| 2030R | 27390 | Radius Cable Roller for 24" - 30" (609.6 - 762 mm) wide tray |
| 2036R | 27391 | Radius Cable Roller for 30" - 36" (762 - 914.4 mm) wide tray |







RIGHT ANGLE CABLE ROLLERS

| | | |
|--------|-------|---|
| 20249R | 27392 | Right Angle Rollers 24" (609.6 mm) radius 90° |
| 20369R | 27393 | Right Angle Rollers 36" (914.4 mm) radius 90° |

Haines Cable Tray Rollers



- Highly economical system of 1-1/2" steel conduit spindles, high-impact ABS plastic rollers and simple clips.
- Rollers snap in and out of clips fast and easy.
- Mounting clips fit onto the top of most I-Beam and C-Channel trays, so existing wire is not disturbed.
- 8" (203.2 mm) to 48" (1219.2 mm) wide rollers are available, using expandable roller halves and 3" (76.2 mm) PVC conduit.
- Use Greenlee Cable-Cream™ (see p. 172) to lube spindle and roller. This lubricant is compatible with all cable insulation types.

| CAT. NO. | UPC NO. | DESCRIPTION | SIZE |
|----------|---------|---|---|
| 31931 | 31931 |  Haines Roller 6" (152.4 mm) dia. | 7" (177.8 mm) wide |
| 31925 | 31925 |  Expandable Roller Half | Used to make 8" (203.2 mm) to 48" (1219.2 mm) wide roller |
| 31926 | 31926 |  Coupling 3" (76.2 mm) long | 3-1/2" (88.9 mm) dia. |
| 31927 | 31927 |  Mounting Clip Steel Conduit | Use with 1-1/2" Rigid Steel Conduit |
| 31930 | 31930 |  Spindle (includes End Caps) | 1-1/2" Rigid Conduit x 40" (1016 mm) long |
| 31929 | 31929 |  End Cap | Fits 1-1/2" Rigid Conduit |

ROPE

Double-Braided Composite Rope for Cable Pullers



- Double-braided inner core with an extra double-braided outer jacket for added strength and less stretch; white with green tracer.
- Rot and mildew resistant.
- Factory spliced eyes at both ends.
- Lowest stretch.
- Select a rope with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.



| ROPE DIAMETER | ROPE LENGTH | | CAT. NO. | UPC NO. | MAXIMUM RATED CAPACITY | | AVERAGE BREAKING STRENGTH | | WEIGHT | | ROPE STAND |
|--|-------------|------|----------|---------|------------------------|---------|---------------------------|----------|--------|-------|------------|
| | | | | | | | | | LBS. | KG | |
| FOR THE 805 PULLER 3/8" (9.5 mm) | 300' | 91m | 450 | 23773 | 1200 lbs. | 3.6 kN | 3700 lbs. | 16.4 kN | 14.3 | 6.5 | 406 |
| | 600' | 182m | 451 | 23775 | 1200 lbs. | 3.6 kN | 3700 lbs. | 16.4 kN | 31.0 | 14.3 | 644 |
| | 1,200' | 365m | 452 | 23776 | 1200 lbs. | 3.6 kN | 3700 lbs. | 16.4 kN | 60.0 | 27.2 | 644 |
| FOR THE UT2 PULLER 1/2" (12.7 mm) | 300' | 91m | 455 | 23774 | 2,200 lbs. | 8.9 kN | 10,000 lbs. | 44.4 kN | 34 | 15.4 | 644 |
| | 600' | 182m | 456 | 23777 | 2,200 lbs. | 8.9 kN | 10,000 lbs. | 44.4 kN | 75 | 34 | 644 |
| FOR THE UT4 & 640 PULLER 9/16" (14.3 mm) | 300' | 91m | 35283 | 35283 | 4,000 lbs. | 17.8 kN | 16,000 lbs. | 71.1 kN | 28 | 12.7 | 644 |
| | 600' | 182m | 35284 | 35284 | 4,000 lbs. | 17.8 kN | 16,000 lbs. | 71.1 kN | 63 | 28.6 | 644 |
| | 1,200' | 365m | 35285 | 35285 | 4,000 lbs. | 17.8 kN | 16,000 lbs. | 71.1 kN | 130 | 59 | † |
| FOR THE 6001 & 6901 (UT5) PULLER 3/4" (19.1 mm) | 300' | 91m | 35098 | 35098 | 6,500 lbs. | 28.9 kN | 26,000 lbs. | 115.6 kN | 58 | 26.3 | 644 |
| | 600' | 182m | 35100 | 35100 | 6,500 lbs. | 28.9 kN | 26,000 lbs. | 115.6 kN | 113 | 51.3 | 654 |
| | 1,200' | 365m | 35101 | 35101 | 6,500 lbs. | 28.9 kN | 26,000 lbs. | 115.6 kN | 230 | 104.3 | † |
| FOR THE 6800 (UT8) PULLER & UT10-25 7/8" (22.2 mm) | 300' | 91m | 34136 | 34136 | 8,000 lbs. | 35.6 kN | 32,000 lbs. | 142.3 kN | 90 | 40.8 | 654 |
| | 600' | 182m | 34137 | 34137 | 8,000 lbs. | 35.6 kN | 32,000 lbs. | 142.3 kN | 178 | 80.7 | 654 |
| | 1,200' | 365m | 34138 | 34138 | 8,000 lbs. | 35.6 kN | 32,000 lbs. | 142.3 kN | 359 | 163.3 | † |

Polypro General Purpose Rope



405 Rope Stand sold separately. See page 435.

- **Not for cable pulling.** See the ropes listed with cable pullers for recommended cable pulling ropes.
- Highly-visible, bright yellow with green tracer, excellent for roping off areas on construction sites.
- Rot and mildew resistant.
- Weather resistant.
- Economical general purpose rope.



| ROPE DIAMETER | ROPE LENGTH | | CAT. NO. | UPC NO. | BREAKING STRENGTH | AVERAGE WEIGHT | | |
|--------------------------|-------------|-------|----------|---------|-------------------|----------------|----|------|
| | | | | | | LBS. | KG | |
| 3/16" (4.8 mm) | 250' | 76 m | 408 | 21467 | 720 lbs. | 3.2 kN | 3 | 1.4 |
| | 600' | 182 m | 409 | 21468 | 720 lbs. | 3.2 kN | 6 | 2.7 |
| 1/4" (6.4 mm) | 250' | 76 m | 412 | 21471 | 1130 lbs. | 5.0 kN | 4 | 1.8 |
| | 600' | 182 m | 413 | 21472 | 1130 lbs. | 5.0 kN | 9 | 4.1 |
| | 1,000' | 304 m | 414 | 21474 | 1130 lbs. | 5.0 kN | 13 | 5.9 |
| 3/8" (9.5 mm) | 250' | 76 m | 417 | 21477 | 2430 lbs. | 10.8 kN | 9 | 4.1 |
| | 600' | 182 m | 418 | 21520 | 2430 lbs. | 10.8 kN | 19 | 8.6 |
| 1/2" (12.7 mm) | 250' | 76 m | 421 | 21480 | 3780 lbs. | 16.8 kN | 15 | 6.8 |
| | 600' | 182 m | 422 | 21521 | 3780 lbs. | 16.8 kN | 35 | 15.9 |

SWIVELS & ROPE CONNECTORS

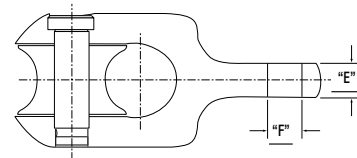
Rope-to-Swivel Connectors



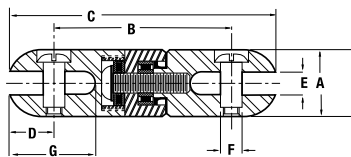
- Rope-to-swivel connectors connect the cable pulling rope, up to 1" (254 mm) in diameter, to the pulling swivel.
- Makes connecting the pulling rope and the pulling swivel easier.
- Connectors feature a removable sheave for rope eye.
- Select the connector with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

| CAT. NO. | UPC NO. | MAX. RATED CAPACITY IN CONDUIT | | MAX. RATED CAPACITY OVERHEAD | | DIAMETER | | LENGTH | | "E" | | "F" | | USE ON SWIVEL |
|----------|---------|--------------------------------|------|------------------------------|------|----------|------|---------|-----|-------|-------|-------|-------|---------------|
| | | LBS. | KN | LBS. | KN | IN. | MM | IN. | MM | IN. | MM | IN. | MM | |
| 39905 | 39905 | 5,000 | 22.2 | 3,000 | 13.3 | 2 | 50.8 | 4-11/16 | 119 | 7/16 | 11.12 | 13/32 | 10.32 | 39107 |
| 39904 | 39904 | 7,000 | 31.1 | 4,200 | 18.6 | 2 | 50.8 | 4-11/16 | 119 | 1/2 | 12.7 | 1/2 | 12.7 | 39108 |
| 39903 | 39903 | 10,000 | 44.4 | 6,000 | 26.6 | 2 | 50.8 | 4-11/16 | 119 | 9/16 | 14.3 | 5/8 | 15.9 | 39109 |
| 39902 | 39902 | 10,000 | 44.4 | 6,000 | 26.6 | 2 | 50.8 | 4-11/16 | 119 | 11/16 | 17.5 | 11/16 | 17.5 | 39110 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
| 39849 | 39849 | Sheave |
| 39850 | 39850 | Sheave Pin |



Swivels

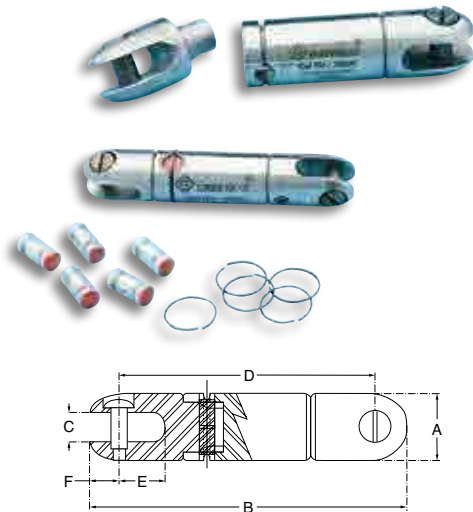


- Helps eliminate winding and tangling of rope and cable during pull.
- Connects grip and pulling rope.
- All stainless steel body construction.
- Efficient thrust and roller bearing construction allows smooth rotation, even under full load.
- Clevis pins are "shoulder bolt" style, so load on both sides of clevis is taken on the shoulder, not on the thread.
- Select the swivel with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

| CAT. NO. | UPC NO. | MAXIMUM RATED CAPACITY | | A DIAMETER | | B | C | D | E | F DIAMETER | | G | WEIGHT | | REPLACEMENT* PIN KIT UPC NO. | | | | | |
|----------|---------|------------------------|-------|------------|------|---------|-------|---------|-------|------------|------|------|--------|-------|------------------------------|---------|------|-----|------|-------|
| | | LBS. | KN | IN. | MM | | | | | IN. | MM | | IN. | MM | | LBS. | KG | | | |
| 39106 | 39106 | 2,250 | 11.1 | 7/8 | 22.2 | 2-5/8 | 66.7 | 3-1/2 | 88.9 | 7/16 | 11.1 | 3/8 | 9.5 | 5/16 | 7.9 | 31/32 | 24.6 | .4 | .16 | 39112 |
| 39107 | 39107 | 5,000 | 22.2 | 1-1/4 | 31.8 | 3-1/16 | 77.8 | 4-1/8 | 104.5 | 17/32 | 13.5 | 1/2 | 12.7 | 13/32 | 10.3 | 1-9/32 | 32.5 | 1.0 | .45 | 39112 |
| 39108 | 39108 | 7,000 | 31.1 | 1-3/8 | 34.9 | 3-9/32 | 83.3 | 4-17/32 | 115.1 | 5/8 | 15.9 | 9/16 | 14.3 | 1/2 | 12.7 | 1-3/8 | 34.9 | 1.0 | .45 | 39114 |
| 39109 | 39109 | 10,000 | 44.4 | 1-5/8 | 41.3 | 3-15/16 | 100 | 5-7/16 | 138.1 | 3/4 | 19.1 | 5/8 | 15.9 | 5/8 | 15.9 | 1-23/32 | 43.7 | 2.0 | .91 | 39115 |
| 39110 | 39110 | 15,000 | 66.7 | 2 | 50.8 | 4-11/16 | 119.1 | 6-9/16 | 166.7 | 15/16 | 23.8 | 3/4 | 19.1 | 11/16 | 17.5 | 2 | 50.8 | 4.0 | 1.81 | 39116 |
| 39111 | 39111 | 25,000 | 111.2 | 2-3/8 | 60.3 | 5-11/16 | 144.5 | 8-7/16 | 214.3 | 1-3/16 | 30.2 | 1 | 25.4 | 7/8 | 22.2 | 2-25/32 | 70.6 | 7.0 | 3.18 | 39117 |

* Replacement Pin Kits contain two (2) Replacement Pins

Breakaway Swivels



- Acts as a mechanical fuse, breaking away at a preset load to prevent damage to expensive cable.
- Breakaway pins can be replaced to change breakaway values.

BREAKAWAY PIN KITS

| CAT. NO. | UPC NO. | BREAKING POINT LBS. | BREAKING POINT KN | COLOR CODE | USE WITH |
|----------|---------|---------------------|-------------------|------------|-------------|
| 39294 | 39294 | 200 lbs. | 0.9 kN | WHITE | |
| 39295 | 39295 | 400 lbs. | 1.8 kN | YELLOW | 39290 |
| 39296 | 39296 | 600 lbs. | 2.7 kN | ORANGE | 5/8" Swivel |
| 39297 | 39297 | 675 lbs. | 3.0 kN | BLACK | |
| 39302 | 39302 | 200 lbs. | 0.9 kN | WHITE | |
| 39303 | 39303 | 400 lbs. | 1.8 kN | YELLOW | 39298 |
| 39304 | 39304 | 600 lbs. | 2.7 kN | ORANGE | 7/8" Swivel |
| 39306 | 39306 | 800 lbs. | 3.6 kN | GREY | |
| 39308 | 39308 | 1000 lbs. | 4.4 kN | RED | |

BREAKAWAY SWIVEL BODY ONLY

| CAT. NO. | UPC NO. | A | | B | | C | | D | | E | | F | |
|----------|---------|------|------|--------|-------|------|-----|---------|------|-------|------|------|-----|
| | | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM |
| 39290 | 39290 | 5/8 | 15.9 | 3-7/32 | 81.8 | 9/32 | 7.1 | 2-23/32 | 69.1 | 7/16 | 11.1 | 1/4 | 6.4 |
| 39298 | 39298 | 7/8 | 22.2 | 4-7/32 | 107.2 | 3/8 | 9.5 | 3-11/32 | 84.9 | 17/32 | 13.5 | 5/16 | 7.9 |

Rope Clevis

For forged eye grips

For forged eye grips



For flexible eye grips



- Removable bolt and rope sheave.
- Removable grip eye bolt.
- Select the clevis with a rating that meets or exceeds the cable puller's maximum pulling force.
- Removable sheave for rope eye.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
| 578 | 31910 | Rope Clevis |
| 579 | 31905 | Rope Clevis |
| 678 | 19524 | Rope Clevis |

SPECIFICATIONS

| Maximum Rated Capacity | Weight | Length | Width | Inside Diameter |
|-----------------------------|------------------|--------------|----------------|-----------------|
| 578 – 6,500 lbs. (28.9 kN) | 0.9 lbs. (408 g) | 3.0" (76 mm) | 1.406" (36 mm) | 1.25" (32 mm) |
| 579 – 10,000 lbs. (44.4 kN) | 1.3 lbs. (589 g) | 3.5" (89 mm) | 1.84" (47 mm) | 1.5" (38 mm) |
| 678 – 6,500 lbs. (28.9 kN) | 1.3 lbs. (589 g) | 3.5" (89 mm) | 1.75" (44 mm) | 0.94" (24 mm) |

GRIPS

Gator Grips

NEW PRODUCT



- 2 minute set-up
- 6 Grips cover the cable size from 1AWG through 1000 MCM
- 5 different harness lengths to prevent overlap during cable pull
- Use Greenlee EK12IDL or HK12ID to crimp any size without changing dies.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------|---------|--------------------------------|
| GG1-1/0XS | 05469 | Grip Assy, 1-1/0 Extra Short |
| GG1-1/0S | 05470 | Grip Assy, 1-1/0 Short |
| GG1-1/0M | 05471 | Grip Assy, 1- 1/0 Medium |
| GG1-1/0L | 05472 | Grip Assy, 1- 1/0 Long |
| GG1-1/0XL | 05473 | Grip Assy, 1-1/0 Extra Long |
| GG2/0-4/0XS | 05474 | Grip Assy, 2/0-4/0 Extra Short |
| GG2/0-4/0S | 05477 | Grip Assy, 2/0-4/0 Short |
| GG2/0-4/0M | 05478 | Grip Assy, 2/0-4/0 Medium |
| GG2/0-4/0L | 05479 | Grip Assy, 2/0-4/0 Long |
| GG2/0-4/0XL | 05480 | Grip Assy, 2/0-4/0 Extra Long |
| GG250-350XS | 05502 | Grip Assy, 250-350 Extra Short |
| GG250-350S | 05503 | Grip Assy, 250-350 Short |
| GG250-350M | 05504 | Grip Assy, 250-350 Medium |
| GG250-350L | 05505 | Grip Assy, 250-350 Long |
| GG250-350XL | 05506 | Grip Assy, 250-350 Extra Long |
| GG400-500XS | 05507 | Grip Assy, 400-500 Extra Short |
| GG400-500S | 05508 | Grip Assy, 400-500 Short |
| GG400-500M | 05509 | Grip Assy, 400-500 Medium |
| GG400-500L | 05510 | Grip Assy, 400-500 Long |
| GG400-500XL | 05511 | Grip Assy, 400-500 Extra Long |
| GG600-750XS | 05512 | Grip Assy, 600-750 Extra Short |
| GG600-750S | 05513 | Grip Assy, 600-750 Short |
| GG600-750M | 05514 | Grip Assy, 600-750 Medium |
| GG600-750L | 05515 | Grip Assy, 600-750 Long |
| GG600-750XL | 05516 | Grip Assy, 600-750 Extra Long |
| GG1000XS | 05517 | Grip Assy, 1000 Extra Short |
| GG1000S | 05518 | Grip Assy, 1000 Short |
| GG1000M | 05521 | Grip Assy, 1000 Medium |
| GG1000L | 05522 | Grip Assy, 1000 Long |
| GG1000XL | 05523 | Grip Assy, 1000 Extra Long |

SPECIFICATIONS

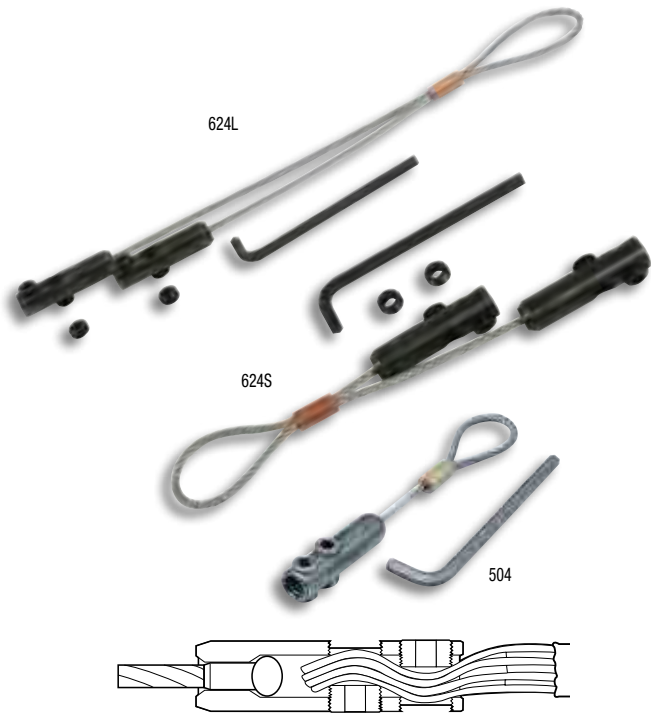
Wire Type 1 AWG – 1000 MCM
Copper, Aluminum, Compressed and Compact (CU and AL)

RATED PULLING LOAD FOR REGULAR AND COMPACT STRANDED COPPER CABLE

RATED PULLING LOAD FOR REGULAR AND COMPACT STRANDED ALUMINUM CABLE

| GRIP WIRE RANGE | WIRE SIZE | LOAD PER CABLE (LB) | LOAD FOR 3 CABLES (LB) | LOAD FOR 4 CABLES (LB) | LOAD FOR 5 CABLES (LB) | LOAD PER CABLE (LB) | LOAD FOR 3 CABLES (LB) | LOAD FOR 4 CABLES (LB) | LOAD FOR 5 CABLES (LB) | MINIMUM CONDUIT SIZE (IN) |
|-----------------|-----------|---------------------|------------------------|------------------------|------------------------|---------------------|------------------------|------------------------|------------------------|---------------------------|
| 1 TO 1/0 | 1 | 1,200 | 3,600 | 4,800 | 6000 | 500 | 1500 | 2000 | 2500 | 1-1/4 |
| | 1/0 | 2,000 | 6,000 | 8,000 | 10000 | 650 | 1950 | 2600 | 3250 | 1-1/4 |
| | 2/0 | 2,000 | 6,000 | 8,000 | 10000 | 800 | 2400 | 3200 | 4000 | 1-1/2 |
| 2/0 TO 4/0 | 3/0 | 2,000 | 6,000 | 8,000 | 10000 | 900 | 2700 | 3600 | 4500 | 2 |
| | 4/0 | 2,000 | 6,000 | 8,000 | 10000 | 1000 | 3000 | 4000 | 5000 | 2 |
| | 250 | 2,000 | 6,000 | 8,000 | 8000 | 1600 | 4800 | 6400 | 8000 | 2 |
| 250-350 | 300 | 2,000 | 6,000 | 8,000 | 10000 | 1700 | 5100 | 6800 | 8500 | 2-1/2 |
| | 350 | 2,500 | 7,500 | 10,000 | 12500 | 2200 | 6600 | 8800 | 11000 | 2-1/2 |
| 400-500 | 400 | 2,500 | 7,500 | 10,000 | 12500 | 1900 | 5700 | 7600 | 9500 | 2-1/2 |
| | 500 | 2,500 | 7,500 | 10,000 | 12500 | 2500 | 7500 | 10000 | 12500 | 3 |
| 600-750 | 600 | 2,500 | 7,500 | 10,000 | 9000 | 1500 | 4500 | 6000 | 7500 | 3 |
| | 750 | 3,000 | 9,000 | 12,000 | 15000 | 2300 | 6900 | 9200 | 11500 | 3-1/2 |
| 1000 | 1,000 | 3,000 | 9,000 | 12,000 | 15000 | 3500 | 10500 | 14000 | 17500 | 3-1/2 |

Set Screw Clamp Pulling Grips



Each grip has two opposed set screws that provide positive locking. Openings in wire grip should be 50% filled with wire to assure slip-proof grip.

- Use to pull in 2" (50.8 mm) or larger conduit.
- Type of pulls: heavy, long runs. (629)
- Type of pull: light and medium. (504)
- Type of grip: Flexible eye 1/4" (6.4 mm-629) (6.3 mm-504) diameter galvanized steel aircraft cable connected to 2 cable receptacles with 5/8" (15.9 mm) diameter opening and 2 clamping set screws.
- Select pulling grips with a maximum-rated capacity that meets or exceeds the cable puller's maximum pulling force.
- Minimum cable diameter is 3/8".

SPECIFICATIONS

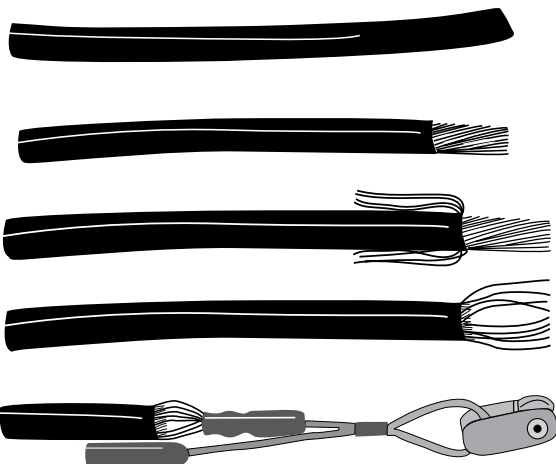
| Maximum Rated Capacity | Weight |
|-----------------------------|-------------------------|
| 504 – 1750 lbs. (28.9 kN) | 504 – 5 lbs. (2.3 kg) |
| 629 – 6,500 lbs. (28.9 kN) | 629 – 5 lbs. (2.3 kg) |
| 624 – 6,500 lbs. (28.9 kN) | 624 – 3.5 lbs. (1.5 kg) |
| 624S – 3,250 lbs. (14.5 kN) | 624S – 2 lbs. (.9 kg) |
| 624L – 3,250 lbs. (14.5 kN) | 624L – 2.1 lbs. (1 kg) |

SPECIFICATIONS

| | |
|-----------------|-----------------------------|
| Capacity | 1,750 lbs. (7.7 kN) |
| Weight | 1.2 lbs. (.5 kg) |
| Size | Receptacle - 5/8" (15.9 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--|
| 504 | 23665 | Set Screw Clamp-Type Pulling Grip |
| 629 | 31855 | Pulling Grip with Clevis includes 624S, 624L and 678 clevis - 4 clamp |
| 624 | 31908 | Pulling Grip includes 624S and 624L - 2 clamp each |
| 624S | 31866 | Short Pulling Grip - 2 Clamp |
| 624L | 31867 | Long Pulling Grip - 2 Clamp |
| R 51208 | 51208 | Grip Allen Wrench |
| R 52352 | 52352 | Grip Set Screw (2 per clamp), 629 and 624 - 8 for each grip 624L and 624S - 4 for each grip. |

Cable Preparation Instructions for Set Screw Clamp-Type Pulling Grips



Strip cable approximately 3" (76 mm) of insulation off the end of the cable to be pulled. **NOTE:** The grip head should not be more than 60% filled nor less than 40% filled to assure that the set screw does not project above the surface of the grip body when the set screws are tightened down.

The central core should be clipped away and the outer strands used in the grip head.

Using the Allen Wrench provided, back out the set screws far enough to accommodate the stripped cables.

Insert the bare wire strands into the grip head as far as they will go.

Tighten both set screws in each grip securely against the conductors.

CAUTION: If the set screws extend above the surface of the gripping head, damage to the conduit could result. To prevent this, wrap the head with electrical tape.

Pulling Grip Selection Guide

How to select correct pulling grip:

1. Select the type of grip needed.
2. Select the size of grip needed (see below).
3. Select a grip with maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

1. SELECT THE TYPE OF GRIP NEEDED.

| GRIP TYPE | DESCRIPTION | TYPE OF EYE | SIZE RANGE DIA. INCHES (MM) | MAX. RATED CAPACITY – lbs. (KN) | USE TO PULL |
|--------------------------------|---|-----------------|-----------------------------------|---------------------------------------|--|
| Junior Grips | Single weave galvanized steel mesh | Flexible | .19-1.24 (4.8-31.5) | 708 (3.5) | In conduit or tray – Building wire by hand. |
| Light Duty Grips | Single weave galvanized steel mesh | Flexible | .50-3.99 (12.7-101.3) | 2940 (13.1) | In conduit or tray – Light-duty applications, short easy runs. |
| T-Type Grips | Double weave galvanized steel mesh | Flexible | .50-3.99 (12.7-101.3) | 6200 (27.6) | In conduit or tray – Medium-duty applications |
| K-Type Grips | Double weave galvanized steel mesh | Rotating forged | .50-6.99 (12.7-177.5) | 9600 (42.7) | In conduit or tray – Heavy-duty applications, long hard runs. |
| Multiple Strength Grips | Triple to double to single weave galvanized steel mesh | Rotating forged | .25-3.99 (6.4-101.3) | 9600 (42.7) | Overhead transmission lines – Bare or insulated conductors, wire rope. |
| Slack Grips Rod Closing | Double weave galvanized steel mesh – rod closing – offset eye | Flexible | .50-3.99 (12.7-101.3) | 2400 (12.7-101.3) | Where end of conductor is not available. Can be pulled straight only, rod will not flex. |

2. SELECT THE SIZE OF GRIP NEEDED.

After determining the type of grip needed, measure the diameter of the cable being pulled. If pulling more than one cable "of the same diameter," refer to chart below for required grip diameter range. If pulling more than one cable "of different diameters," bundle cables together, measure the circumference

and refer to the chart on bottom of this page for required grip diameter range. Once the cable diameter or required grip diameter is determined, refer to individual chart for type of grip chosen to locate Catalog/UPC number.

| 2 CABLES DIA. EACH IN./(MM) | 3 CABLES DIA. EACH IN./(MM) | 4 CABLES DIA. EACH IN./(MM) | 5 CABLES DIA. EACH IN./(MM) | 6 & 7 CABLES DIA. EACH IN./(MM) | 8 CABLES DIA. EACH IN./(MM) | 9 CABLES DIA. EACH IN./(MM) | REQUIRED GRIP DIAMETER IN./(MM) |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------------|-----------------------------------|-----------------------------------|---------------------------------------|
| .30-.38/(7.6-9.7) | .25-.31/(6.4-7.9) | .22-.27/(5.6-6.9) | .19-.24/(4.8-6.1) | .17-.22/(4.3-5.6) | .15-.19/(3.8-6.1) | .14-.18/(3.6-4.6) | .50-.61/(12.7-15.5) |
| .38-.44/(9.7-11.2) | .31-.36/(7.9-9.1) | .27-.31/(6.9-7.9) | .24-.29/(6.1-7.4) | .22-.26/(5.6-6.6) | .19-.23/(6.1-5.8) | .18-.21/(4.6-5.3) | .62-.74/(15.7-18.8) |
| .44-.59/(11.2-15.0) | .36-.49/(9.1-12.4) | .31-.42/(7.9-10.7) | .29-.38/(7.4-9.7) | .26-.34/(6.6-8.6) | .23-.31/(5.8-7.9) | .21-.28/(5.3-7.1) | .75-.99/(19.1-25.1) |
| .59-.75/(15.0-19.1) | .49-.63/(12.4-16.0) | .42-.54/(10.7-13.7) | .38-.48/(9.7-12.2) | .34-.43/(8.6-10.9) | .31-.39/(7.9-9.9) | .28-.35/(7.1-8.9) | 1.00-1.24/(25.4-31.5) |
| .75-.90/(19.1-22.9) | .63-.76/(16.0-19.3) | .54-.65/(13.7-16.5) | .48-.58/(12.2-14.7) | .43-.52/(10.9-13.2) | .39-.46/(9.9-11.7) | .35-.42/(8.9-10.7) | 1.25-1.49/(31.8-37.8) |
| .90-1.07/(22.9-27.2) | .76-.89/(19.3-22.6) | .65-.77/(16.5-19.6) | .58-.67/(14.7-17.0) | .52-.60/(13.2-15.2) | .46-.54/(11.7-13.7) | .42-.49/(10.7-12.4) | 1.50-1.74/(38.1-44.2) |
| 1.07-1.22/(27.2-31.0) | .89-1.02/(22.6-25.9) | .77-.88/(19.6-22.4) | .67-.77/(17.0-19.6) | .60-.69/(15.2-17.5) | .54-.62/(13.7-15.7) | .49-.56/(12.4-14.2) | 1.75-1.99/(44.5-50.5) |
| 1.22-1.53/(31.0-39.9) | 1.02-1.28/(25.9-32.5) | .88-1.10/(22.4-27.9) | .77-.96/(19.6-24.2) | .69-.86/(17.5-21.8) | .62-.77/(15.7-19.6) | .56-.71/(14.2-18.0) | 2.00-2.49/(50.8-63.2) |
| 1.53-1.83/(38.9-46.5) | 1.28-1.53/(32.5-38.9) | 1.10-1.32/(27.9-33.5) | .96-1.16/(24.2-29.5) | .86-1.03/(21.8-26.2) | .77-.93/(19.6-23.6) | .71-.85/(18.0-21.6) | 2.50-2.99/(63.5-75.9) |
| 1.83-2.14/(46.5-54.4) | 1.53-1.79/(38.9-45.5) | 1.32-1.54/(33.5-39.1) | 1.16-1.35/(29.5-34.3) | 1.03-1.20/(26.2-30.5) | .93-1.08/(23.6-27.4) | .85-.99/(21.6-25.1) | 3.00-3.49/(76.2-88.6) |
| 2.14-2.44/(54.4-62.0) | 1.79-2.05/(45.5-52.0) | 1.54-1.76/(39.1-44.7) | 1.35-1.54/(34.3-39.1) | 1.20-1.37/(30.5-34.8) | 1.08-1.24/(27.4-31.5) | .99-1.13/(25.1-28.7) | 3.50-3.99/(88.9-101.3) |
| 2.44-2.75/(62.0-69.9) | 2.05-2.30/(52.0-58.4) | 1.76-1.98/(44.7-50.3) | 1.54-1.74/(39.1-44.2) | 1.37-1.55/(34.8-39.4) | 1.24-1.39/(31.5-35.3) | 1.13-1.27/(28.7-32.3) | 4.00-4.49/(101.6-114.0) |
| 2.75-3.06/(69.9-77.7) | 2.30-2.56/(58.4-65.0) | 1.98-2.20/(50.3-55.9) | 1.74-1.93/(44.2-49.0) | 1.55-1.72/(39.4-43.7) | 1.39-1.55/(35.3-39.4) | 1.27-1.41/(32.3-35.8) | 4.50-4.99/(114.3-126.7) |

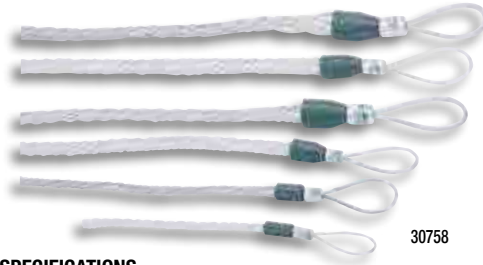
MEASURE THE CIRCUMFERENCE OF THE WIRE BUNDLE

* Split grips require the next larger size.

| CIRCUMFERENCE RANGE INCH | MM | REQUIRED GRIP DIAMETER INCH | MM |
|-----------------------------|--------------|--------------------------------|--------------|
| 1.57- 1.95 | 39.9- 49.5 | .50- .61 | 12.7- 15.5 |
| 1.95- 2.36 | 49.5- 59.9 | .62- .74 | 15.8- 18.8 |
| 2.36- 3.14 | 59.9- 79.8 | .75- .99 | 19.1- 25.1 |
| 3.14- 3.93 | 79.8- 99.8 | 1.00- 1.24 | 25.4- 31.5 |
| 3.93- 4.71 | 99.8- 119.6 | 1.25- 1.49 | 31.8- 37.8 |
| 4.71- 5.50 | 119.6- 139.7 | 1.50- 1.74 | 38.1- 44.2 |
| 5.50- 6.28 | 139.7- 159.5 | 1.75- 1.99 | 44.5- 50.5 |
| 6.28- 7.85 | 159.5- 199.4 | 2.00- 2.49 | 50.8- 63.2 |
| 7.85- 9.42 | 199.4- 239.3 | 2.50- 2.99 | 63.5- 75.9 |
| 9.42- 11.00 | 239.3- 279.4 | 3.00- 3.49 | 76.2- 88.6 |
| 11.00- 12.57 | 279.4- 319.3 | 3.50- 3.99 | 88.9- 101.3 |
| 12.57- 14.14 | 319.3- 359.2 | 4.00- 4.49 | 101.6- 114.0 |
| 14.14- 15.71 | 359.2- 399.0 | 4.50- 4.99 | 114.3- 126.7 |

NOTE: Rope is a very critical link in the cable pulling system. See page 207 for proper pulling rope selection.

Basket-Type Pulling Grip Sets



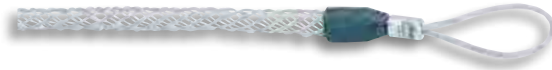
- Handy set gives you the size range you need.
- Have the correct grip on the job and save time.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 30758 | 30758 | Building Wire Junior Grip Set - diameter range .25" - 1.24" (6.4 - 31.5 mm). Consists of 30588, 30590, 30592, and 30594, 30584, 30586. |
| 597 | 31482 | T-Type Grip Set - diameter range .75" - 1.99" (19 - 50.5 mm). Consists of 30576, 30578, and 31010. |
| 598 | 31483 | T-Type Grip Set - diameter range 1.50" - 2.99" (38.1 - 75.9 mm). Consists of 31010, 30580 and 31012. |
| 599 | 31484 | T-Type Grip Set - diameter range .75" - 2.99" (19 - 75.9 mm). Consists of 30576, 30578, 31010, 30580 and 31012. |

SPECIFICATIONS

| | |
|-----------------|---|
| Capacity | 30758 - (2) #14 to 4-1/0, .25" - 1.24" (6.4 - 31.5 mm) diameter |
| | 597 - 3-1/0 to 250 MCM, .75" - 1.99" (1.9 - 50.5 mm) diameter |
| | 598 - 3-350 MCM to 3-750 MCM, 1.50" - 2.99" (38.1 - 75.9 mm) diameter |
| | 599 - 3-1/0 to 3-750 MCM, .75" - 2.99" (1.9 - 75.9 mm) diameter |
| Weight | 30758 - 1.2 lbs. (.5 kg) 597 - 6 lbs. (2.7 kg) |
| | 598 - 9.9 lbs. (4.5 kg) 599 - 13 lbs. (5.9 kg) |

Junior Basket-Type Pulling Grips



- Use to pull in: conduit or tray.
- Type of pulls: building wire manually.
- Type of grip: single weave galvanized steel mesh with flexible pulling eye.
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

| CAT. NO. | UPC NO. | CABLE DIAMETER RANGE | | MAXIMUM RATED CAPACITY | | EYE LENGTH | | MESH LENGTH | |
|----------|---------|----------------------|--------------|------------------------|-----|------------|-------|-------------|-------|
| | | INCH | MM | LBS. | KN | INCH | MM | INCH | MM |
| 30596 | 30596 | .19 - .24 | 4.8 - 6.1 | 80 | .3 | 3-1/4 | 82.6 | 4-1/4 | 108 |
| 30584 | 30584 | .25 - .36 | 6.2 - 9.1 | 90 | .4 | 3-1/4 | 82.6 | 4-1/4 | 108 |
| 30586 | 30586 | .37 - .49 | 9.2 - 12.6 | 180 | .8 | 3-3/4 | 95.3 | 7 | 177.8 |
| 30588 | 30588 | .50 - .61 | 12.7 - 15.50 | 260 | 1.1 | 4-1/4 | 108 | 8-1/2 | 215.9 |
| 30590 | 30590 | .62 - .74 | 15.6 - 18.9 | 390 | 1.7 | 5 | 127 | 10 | 254 |
| 30592 | 30592 | .75 - .99 | 19 - 25.3 | 560 | 2.4 | 5-3/4 | 146 | 10 | 254 |
| 30594 | 30594 | 1.00 - 1.24 | 25.4 - 31.5 | 780 | 3.4 | 6-1/2 | 165.1 | 11-1/2 | 292.1 |

Light-Duty Basket-Type Pulling Grips



- Use to pull in: conduit or tray.
- Type of pulls: light-duty, short, easy runs.
- Type of grip: single weave galvanized steel mesh with flexible pulling eye.
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

| CAT. NO. | UPC NO. | CABLE DIAMETER RANGE | | MAXIMUM RATED CAPACITY | | EYE LENGTH | | MESH LENGTH | |
|----------|---------|----------------------|--------------|------------------------|-----|------------|-------|-------------|-------|
| | | INCH | MM | LBS. | KN | INCH | MM | INCH | MM |
| 30536 | 30536 | .50 - .61 | 12.7 - 15.5 | 560 | 2.5 | 5 | 127 | 16 | 406.4 |
| 30538 | 30538 | .62 - .74 | 15.6 - 18.9 | 560 | 2.5 | 5 | 127 | 16 | 406.4 |
| 30540 | 30540 | .75 - .99 | 19.0 - 25.3 | 800 | 3.5 | 6 | 152.4 | 20 | 508 |
| 30542 | 30542 | 1.00 - 1.24 | 25.4 - 31.5 | 1360 | 6 | 7 | 177.8 | 20 | 508 |
| 30544 | 30544 | 1.25 - 1.49 | 31.6 - 38 | 1360 | 6 | 7 | 177.8 | 21 | 533.4 |
| 30546 | 30546 | 1.50 - 1.99 | 38.1 - 50.7 | 1360 | 6 | 8 | 203.2 | 23 | 584.2 |
| 30548 | 30548 | 2.00 - 2.49 | 50.8 - 63.4 | 1700 | 7.5 | 9 | 228.6 | 25 | 635 |
| 30550 | 30550 | 2.50 - 2.99 | 63.5 - 76.1 | 2120 | 9.4 | 9 | 228.6 | 27 | 685.8 |
| 30552 | 30552 | 3.00 - 3.49 | 76.2 - 88.8 | 2940 | 13 | 10 | 254 | 30 | 762 |
| 30554 | 30554 | 3.50 - 3.99 | 88.9 - 101.3 | 2940 | 13 | 10 | 254 | 32 | 812.8 |

NOTE: Rope is a very critical link in the cable pulling system. See page 207 for proper pulling rope selection.

T-Basket-Type Pulling Grips



- Use to pull in: conduit or tray.
- Type of pulls: medium-duty.
- Type of grip: double weave galvanized steel mesh with flexible pulling eye.
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

| CAT. NO. | UPC NO. | CABLE DIAMETER RANGE | | MAXIMUM RATED CAPACITY | | EYE LENGTH | | MESH LENGTH | | |
|-----------------|---------|----------------------|--------------|------------------------|------|------------|-------|-------------|-------|--|
| | | INCH | MM | LBS. | KN | INCH | MM | INCH | MM | |
| SHORT | | | | | | | | | | |
| 30558 | 30558 | .50 - .61 | 12.7 - 15.5 | 900 | 4 | 8 | 203.2 | 21 | 533.4 | |
| 30560 | 30560 | .62 - .74 | 15.6 - 18.9 | 1120 | 4.9 | 8 | 203.2 | 24 | 610 | |
| 30562 | 30562 | .75 - .99 | 19.0 - 25.3 | 1360 | 6 | 9 | 228.6 | 24 | 610 | |
| 30564 | 30564 | 1.00 - 1.49 | 25.4 - 38.0 | 1920 | 8.7 | 9 | 228.6 | 24 | 610 | |
| 30566 | 30566 | 1.50 - 1.99 | 38.1 - 50.7 | 3280 | 14.5 | 11 | 279.4 | 24 | 610 | |
| 30568 | 30568 | 2.00 - 2.49 | 50.8 - 63.3 | 3700 | 16.4 | 12 | 304.8 | 24 | 610 | |
| 30570 | 30570 | 2.50 - 2.99 | 63.5 - 76.1 | 4900 | 21.7 | 12 | 304.8 | 24 | 610 | |
| 30572 | 30572 | 3.00 - 3.49 | 76.2 - 88.8 | 4900 | 21.7 | 14 | 355.6 | 24 | 610 | |
| 30574 | 30574 | 3.50 - 3.99 | 88.9 - 101.3 | 6200 | 27.5 | 14 | 355.6 | 26 | 660.4 | |
| STANDARD | | | | | | | | | | |
| 30576 | 30576 | .75 - .99 | 19.0 - 25.3 | 1360 | 6 | 9 | 228.6 | 36 | 914.4 | |
| 30578 | 30578 | 1.00 - 1.49 | 25.4 - 38.0 | 1920 | 8.7 | 9 | 228.6 | 36 | 914.4 | |
| 31010 | 31010 | 1.50 - 1.99 | 38.1 - 50.7 | 3280 | 14.5 | 11 | 279.4 | 36 | 914.4 | |
| 30580 | 30580 | 2.00 - 2.49 | 50.8 - 63.3 | 3700 | 16.4 | 12 | 304.8 | 36 | 914.4 | |
| 31012 | 31012 | 2.50 - 2.99 | 63.5 - 76.1 | 4900 | 21.7 | 12 | 304.8 | 36 | 914.4 | |
| 30582 | 30582 | 3.00 - 3.49 | 76.2 - 88.8 | 4900 | 21.7 | 14 | 355.6 | 36 | 914.4 | |
| 31014 | 31014 | 3.50 - 3.99 | 88.9 - 101.3 | 6200 | 27.5 | 14 | 355.6 | 40 | 1016 | |

K Basket-Type Pulling Grips



- Use to pull in: conduit or tray.
- Type of pulls: heavy-duty, long, hard runs.
- Type of grip: double-weave galvanized steel mesh with forged steel swivel eye.
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

| CAT. NO. | UPC NO. | CABLE DIAMETER RANGE | | MAXIMUM RATED CAPACITY | | EYE LENGTH | | MESH LENGTH | | ROTATING EYE DIA. | |
|-----------------|---------|----------------------|---------------|------------------------|------|------------|-------|-------------|--------|-------------------|------|
| | | INCH | MM | LBS. | KN | INCH | MM | INCH | MM | INCH | MM |
| STANDARD | | | | | | | | | | | |
| 30442 | 30442 | .50 - .61 | 12.7 - 15.5 | 1120 | 4.9 | 5 | 127 | 16 | 406.4 | 7/8 | 22.2 |
| 30998 | 30998 | .62 - .74 | 15.6 - 18.9 | 1360 | 6 | 5 | 127 | 16 | 406.4 | 7/8 | 22.2 |
| 30460 | 30460 | .75 - .99 | 19.0 - 25.3 | 1920 | 8.5 | 6 | 152.4 | 32 | 812.8 | 1 | 25.4 |
| 31000 | 31000 | 1.00 - 1.49 | 25.4 - 38.0 | 3280 | 14.5 | 7 | 177.8 | 33 | 838.2 | 1-3/8 | 34.9 |
| 30462 | 30462 | 1.50 - 1.99 | 38.1 - 50.7 | 3280 | 14.5 | 7 | 177.8 | 34 | 863.6 | 1-3/8 | 34.9 |
| 31002 | 31002 | 2.00 - 2.49 | 50.8 - 63.3 | 5440 | 24.1 | 9 | 228.6 | 36 | 914.4 | 1-5/8 | 41.2 |
| 30464 | 30464 | 2.50 - 2.99 | 63.5 - 76.1 | 6600 | 29.3 | 10 | 254 | 38 | 965.2 | 1-7/8 | 47.6 |
| 31004 | 31004 | 3.00 - 3.49 | 76.2 - 88.8 | 8200 | 36.5 | 10 | 254 | 39 | 990.6 | 1-7/8 | 47.6 |
| 30466 | 30466 | 3.50 - 3.99 | 88.9 - 101.5 | 9600 | 42.7 | 10 | 254 | 41 | 1041.4 | 1-7/8 | 47.6 |
| 31006 | 31006 | 4.00 - 4.49 | 101.6 - 114.2 | 9600 | 42.7 | 10 | 254 | 42 | 1066.8 | 1-7/8 | 47.6 |
| 30468 | 30468 | 4.50 - 4.99 | 114.3 - 126 | 9600 | 42.7 | 10 | 254 | 58 | 1473.2 | 1-7/8 | 47.6 |
| 30470 | 30470 | 5.00 - 5.99 | 127 - 152.3 | 9600 | 42.7 | 10 | 254 | 60 | 1524 | 1-7/8 | 47.6 |

NOTE: Rope is a very critical link in the cable pulling system. See page 207 for proper pulling rope selection.

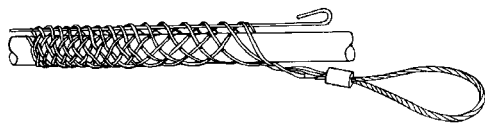
Multiple Strength Basket-Type Pulling Grips with Rotating Forged Eye



- Use to pull overhead transmission lines, bare or insulated conductors and wire rope.
- Type of pulls: heavy-duty, long distance.
- Triple, to double, to single weave galvanized steel mesh with forged steel swivel eye
- Color coded for easy size identification.
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

| CAT. NO. | UPC NO. | CABLE DIAMETER RANGE | | MAXIMUM RATED CAPACITY | | COLOR CODE | EYE LENGTH | | MESH LENGTH | | ROTATING EYE DIAMETER | |
|----------|---------|----------------------|--------------|------------------------|------|-------------|------------|-------|-------------|--------|-----------------------|------|
| | | INCH | MM | LBS. | KN | | INCH | MM | INCH | MM | INCH | MM |
| 30474 | 30474 | .25 - .49 | 12.7 - 15.5 | 1360 | 6 | Dark Green | 5 | 127 | 26 | 660.4 | 7/8 | 22.3 |
| 30476 | 30476 | .50 - .74 | 15.6 - 18.9 | 2000 | 8.8 | Brown | 6 | 152.4 | 32 | 812.8 | 1 | 25.4 |
| 30478 | 30478 | .75 - .99 | 19.0 - 25.3 | 2880 | 12.8 | Light Blue | 6 | 152.4 | 41 | 1041.4 | 1 | 25.4 |
| 30480 | 30480 | 1.00 - 1.24 | 25.4 - 31.5 | 4920 | 21.8 | Gold | 8 | 203.2 | 52 | 1320.8 | 1-3/8 | 34.9 |
| 30482 | 30482 | 1.25 - 1.49 | 31.6 - 38.0 | 6120 | 27.2 | Black | 8 | 203.2 | 56 | 1422.4 | 1-5/8 | 41.2 |
| 30484 | 30484 | 1.50 - 1.74 | 38.1 - 44.3 | 6120 | 27.2 | Red | 9 | 228.6 | 60 | 1524.0 | 1-7/8 | 47.6 |
| 30486 | 30486 | 1.75 - 2.24 | 44.4 - 56.9 | 9600 | 42.7 | Dark Blue | 10 | 254 | 70 | 1778.0 | 1-7/8 | 47.6 |
| 30502 | 30502 | 2.00 - 2.49 | 50.8 - 63.4 | 9600 | 42.7 | Yellow | 10 | 254 | 50 | 1270 | 1-7/8 | 47.6 |
| 30504 | 30504 | 2.50 - 2.99 | 63.5 - 76.1 | 9600 | 42.7 | Orange | 10 | 254 | 52 | 1320.8 | 1-7/8 | 47.6 |
| 30506 | 30506 | 3.00 - 3.49 | 76.2 - 88.8 | 9600 | 42.7 | Aluminum | 10 | 254 | 54 | 1371.6 | 1-7/8 | 47.6 |
| 30508 | 30508 | 3.50 - 3.99 | 88.9 - 101.3 | 9600 | 42.7 | Light Green | 10 | 254 | 56 | 1422.4 | 1-7/8 | 47.6 |

Split Mesh Rod Closing Basket-Type Slack Pulling Grips



- Use to pull when the end of the conductor is not available.
- Type of pulls: light and straight. The rod will not flex around bends.
- Single weave galvanized steel mesh with rod closing and an offset flexible eye.
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

| CAT. NO. | UPC NO. | CABLE DIAMETER RANGE | | MAXIMUM RATED CAPACITY | | EYE LENGTH | | MESH LENGTH | |
|----------|---------|----------------------|--------------|------------------------|------|------------|-------|-------------|-------|
| | | INCH | MM | LBS. | KN | INCH | MM | INCH | MM |
| 30658 | 30658 | .50 - .61 | 12.7 - 15.50 | 300 | 1.3 | 7 | 177.8 | 6 | 152.4 |
| 31024 | 31024 | .62 - .74 | 15.6 - 18.9 | 360 | 1.6 | 7 | 177.8 | 8 | 203.2 |
| 30660 | 30660 | .75 - .99 | 19 - 25.3 | 440 | 1.9 | 7 | 177.8 | 10 | 254 |
| 31026 | 31026 | 1.00 - 1.24 | 25.4 - 31.5 | 680 | 3 | 8 | 203.2 | 12 | 304.8 |
| 30662 | 30662 | 1.25 - 1.49 | 31.6 - 38.0 | 900 | 4 | 8 | 203.2 | 14 | 355.6 |
| 31028 | 31028 | 1.50 - 1.74 | 38.1 - 44.3 | 1160 | 5.1 | 9 | 228.6 | 15 | 381 |
| 30664 | 30664 | 1.75 - 1.99 | 44.4 - 50.7 | 1520 | 6.7 | 10 | 254 | 16 | 406.4 |
| 31030 | 31030 | 2.00 - 2.49 | 50.8 - 63.4 | 1800 | 8 | 10 | 254 | 19 | 482.6 |
| 30666 | 30666 | 2.50 - 2.99 | 63.5 - 76.1 | 2200 | 9.7 | 10 | 254 | 20 | 508 |
| 31032 | 31032 | 3.00 - 3.49 | 76.2 - 88.8 | 2400 | 10.6 | 12 | 304.8 | 21 | 533.4 |
| 30668 | 30668 | 3.50 - 3.99 | 88.9 - 101.3 | 2400 | 10.6 | 12 | 304.8 | 24 | 610 |

NOTE: Rope is a very critical link in the cable pulling system. See page 207 for proper pulling rope selection.

CABLE PULLING LUBRICANTS

UG5 Ultra GLIDER™ Cable Pulling Lubrication System



The Greenlee UG5 Ultra Glider™ is the “new way” to effectively apply cable lube during cable installation. The Ultra GLIDER™ has several advantages over the manual method used by most contractors today.

- Applies lube more evenly around the cable and more consistently than can be done by hand. This reduces the force required by the cable puller and reduces the chance for damage to the cable.
- During a cable pull, the person feeding the cable usually can also operate the Ultra GLIDER™, which reduces the need for one person on the job.
- Eliminates the need for a person to place their hands near the point where the cable enters the conduit or duct.
- Eliminates the mess and slippery surfaces associated with manual cable lubrication.
- Applicators clean easily with water. Power unit and hose do not require cleaning between jobs.
- 3 pump speeds make it easy to match the lube rate to the needs of the pull.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| UG511S | 10353 | ULTRA-GLIDER 120V with UGSAK slip-in applicator kit |
| UG511T | 10355 | ULTRA-GLIDER 120V with UGTAK threaded applicator kit |
| UG511ST | 10356 | ULTRA-GLIDER 120V including slip-in applicator kit UGSAK & threaded applicator kit UGTAK |
| UG512S | 10357 | ULTRA-GLIDER 12V with UGSAK slip-in applicator kit |
| UG512T | 10359 | ULTRA-GLIDER 12V with UGTAK threaded applicator kit |
| UG512ST | 10360 | ULTRA-GLIDER 12V including slip-in applicator kit UGSAK & threaded applicator kit UGTAK |
| UG511 | 10354 | ULTRA-GLIDER 120V ASSEMBLY without applicators |
| UG512 | 10358 | ULTRA-GLIDER 12V ASSEMBLY without applicators |
| UGSAK | 10252 | Slip-In Applicator Kit (Includes 2", 2-1/2", 3", 3-1/2" and 4" applicators with case) |
| UGTAK | 10253 | Threaded Applicator Kit (Includes 2", 2-1/2", 3", 3-1/2" and 4" applicators with case) |
| UGSA150 | 10287 | 1-1/2" Slip-In Applicator Assembly |
| UGSA200 | 10289 | 2" Slip-In Applicator Assembly |
| UGSA250 | 10291 | 2-1/2" Slip-In Applicator Assembly |
| UGSA300 | 10293 | 3" Slip-In Applicator Assembly |
| UGSA350 | 10295 | 3-1/2" Slip-In Applicator Assembly |
| UGSA400 | 10297 | 4" Slip-In Applicator Assembly |
| UGSA500 | 10304 | 5" Slip-In Applicator Assembly |
| UGSA600 | 10311 | 6" Slip-In Applicator Assembly |
| UGTA075 | 10284 | 3/4" Threaded Applicator Assembly |
| UGTA100 | 10285 | 1" Threaded Applicator Assembly |
| UGTA125 | 10286 | 1-1/4" Threaded Applicator Assembly |
| UGTA150 | 10278 | 1-1/2" Threaded Applicator Assembly |
| UGTA200 | 10279 | 2" Threaded Applicator Assembly |
| UGTA250 | 10280 | 2-1/2" Threaded Applicator Assembly |
| UGTA300 | 10281 | 3" Threaded Applicator Assembly |
| UGTA350 | 10282 | 3-1/2" Threaded Applicator Assembly |
| UGTA400 | 10283 | 4" Threaded Applicator Assembly |
| 12656 | 12656 | 20' Extension Hose (MAXIMUM EXTENSION IS 20') |

SPECIFICATIONS

| | |
|--------------------------------|---|
| Dimensions | Depth: 17" (0.43 m) Width: 18" (0.45 mm) Height: 39" (1 mm) |
| Weight | 24 lbs. (11 kg) |
| Wheel Diameter | 8" (20 cm) |
| Hose length | 10' (3 m) |
| Battery (12V unit only) | Type: Sealed lead acid rechargeable battery DC output: 12-Volt Weight: 14.5 lbs. (6.6kg) Battery Life: Three to four 5 gallon buckets per charge |
| Motor (120V unit only) | AC output: 120-Volt Amps: 6 Amps |

Cable Pulling Lubricant Selection Guide

Clear Lube™



Cable-Cream®



Cable-Gel®



Winter-Gel™



APPLICATION

| | Clear Lube™ | Cable-Cream® | Cable-Gel® | Winter-Gel™ |
|--|---|---|---|---|
| Electrical or datacom use. Clear and colorless for easy cleanup. | Electrical or datacom use. Heavy Duty lubricant adheres well to cable without messy dripping. | Electrical or datacom use. Cleans up quickly, non-staining. Can be applied by hand or pump. | Electrical or datacom use. Cleans up quickly, non-staining. Can be applied by hand or pump. | Electrical or datacom use. Cleans up quickly, non-staining. Can be applied by hand or pump. |
| Application Temperature Range (°F) | 20°F - 190°F | 20°F - 190°F | 20°F - 190°F | 20°F - 190°F |
| Application Temperature Range (°C) | -6°C - 88°C | -6°C - 88°C | -6°C - 88°C | -6°C - 88°C |
| Minimum Storage Temperature | 30° F/-1 C | 30° F/-1 C | 30° F/-1 C | 30° F/-1 C |
| Base | Polymer | Wax | Polymer | Polymer |
| Average Coefficient of Friction* | 0.26 | 0.11 | 0.18 | 0.21 |
| Color | Clear | Yellow | Blue/Green | Blue |

COMPATABILITY (CABLE TYPE)

| | Clear Lube™ | Cable-Cream® | Cable-Gel® | Winter-Gel™ |
|---|-------------|--------------|------------|-------------|
| Rubber | ✓ | ✓ | ✓ | ✓ |
| Neoprene | ✓ | ✓ | ✓ | ✓ |
| Nylon | ✓ | ✓ | ✓ | ✓ |
| PVC | ✓ | ✓ | ✓ | ✓ |
| High-density or cross linked polyethylene | ✓ | ✓ | ✓ | ✓ |
| Low-density polyethylene | ✓ | ✓ | ✓ | ✓ |
| Semiconducting jacket | ✓ | ✓ | ✓ | ✓ |
| Hypalon | ✓ | ✓ | ✓ | ✓ |

*(IEEE 375-2 test procedure) kinetic coefficient of friction tested at 300 lb/ft sidewall bearing pressure

Cable Lubricant Quantity Chart

The following equation is a general guideline to determine the amount of cable lubricant to use for an average cable pull.

$$Q = 0.0015 \times L \times D$$

Where:

Q = Quantity of cable lubricant to use in gallons

L = Length of cable pull in feet

D = Diameter of conduit or duct in inches

If the following situations apply, consider using additional lubricant:

- The cable jacket is hard and/or cable is very stiff.
- The conduit is rough or dirty.
- There are many bends to pull through.
- The percentage of conduit filled by the cable is unusually high.
- The conduit is water filled.

SPECIFICATIONS

| Pull Length | 1" | 2" | 3" | 4" |
|-------------|----------|----------|----------|----------|
| 200' | 0.3 gal. | 0.6 gal. | 0.9 gal. | 1.2 gal. |
| 300' | 0.5 gal. | 0.9 gal. | 1.4 gal. | 1.8 gal. |
| 400' | 0.6 gal. | 1.2 gal. | 1.8 gal. | 2.4 gal. |
| 600' | 0.9 gal. | 1.8 gal. | 2.7 gal. | 3.6 gal. |
| 800' | 1.2 gal. | 2.4 gal. | 3.6 gal. | 4.8 gal. |
| 1000' | 1.5 gal. | 3.0 gal. | 4.5 gal. | 6.0 gal. |

Cable-Cream® Cable Pulling Lubricant



SPECIFICATIONS

| | |
|--------------------|---|
| Weight | CRM-Q - 2.3 lbs. (1 kg) CRM-5 - 42 lbs. (19.1 kg) CRM-1 - 9.5 lbs. (4.3 kg) |
| Viscosity | 30,000 - 45,000 CPS |
| PH Range | 7.0 - 8.0 |
| Average COF | 0.11 |

- Advanced formula, light yellow cream makes pulling faster and easier.
- Compatible with all cable insulation types.
- Dries slowly to a thin, non-conductive, non-hardening residue.
- Adheres well to the cable without messy dripping. Reduces waste.
- Cleans up easily. Non-staining.
- Won't break down or separate after exposure to freezing cold or blistering heat.
- Environmentally safe/non-hazardous.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| CRM-Q | 35207 | Cable-Cream One Quart Squeeze Bottle (.95 l) |
| CRM-1 | 35208 | Cable-Cream One Gallon (3.79 l) |
| CRM-5 | 35209 | Cable-Cream 5 Gallons (18.93 l) |

Cable-Gel® Cable Pulling Lubricant



SPECIFICATIONS

| | |
|--------------------|---|
| Weight | GEL-Q - 2.3 lbs. (1 kg) GEL-1 - 8.5 lbs. (3.9 kg) GEL-5 - 45 lbs. (20.4 kg) GEL-55 - 498 lbs. (225.9 kg) |
| Viscosity | 8,000 - 12,000 CPS |
| PH Range | 7.0 - 8.0 |
| Average COF | 0.18 |

- Polymer-based, no silicon lubricant offers lower friction and easier pulling.
- Compatible with all cable insulation types.
- Cleans up quickly. Non-staining.
- Higher lubricity than competitive products.
- Will not cement itself to the pipe.
- Dries slowly.
- Can be applied by hand or pump.
- Will not break down or separate after exposure to heat or cold.
- Environmentally safe/non-hazardous.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| GEL-Q | 35211 | Cable-Gel One Quart Squeeze Bottle (.95 l) |
| GEL-1 | 35212 | Cable-Gel One Gallon (3.79 l) |
| GEL-5 | 35213 | Cable-Gel 5 Gallons (18.93 l) |

Winter-Gel™ Cable Pulling Lubricant



SPECIFICATIONS

| | |
|--------------------|--|
| Weight | WGEL-Q - 2.3 lbs. (1 kg) WGEL-1 - 9 lbs. (4.1 kg) WGEL-5 - 44 lbs. (20 kg) |
| Viscosity | 10,000 - 14,000 CPS |
| PH Range | 7.0 - 8.0 |
| Average COF | 0.21 |

- Winter-Gel will not freeze until -25° F (-31° C).
- Reduces friction for easy pulling.
- Compatible with all cable insulation types.
- Cleans up quickly and easily.
- High lubricity.
- Can be used all year long.
- Environmentally safe.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| WGEL-Q | 35215 | Winter-Gel Pulling Lube One Quart Squeeze Bottle (.95 l) |
| WGEL-1 | 35216 | Winter-Gel Pulling Lube One Gallon (3.79 l) |
| WGEL-5 | 35217 | Winter-Gel Pulling Lube 5 Gallons (18.93 l) |

Clear Lube™



LISTED



- Designed for use within electrical or datacom cable pulls.
- Clear and colorless for quick, easy clean-up.
- Environmentally safe, non-hazardous, non-toxic and non-corrosive.
- Easy to apply either by hand, brush or pump.
- Polymer base with no silicon additives.
- Three-year shelf life with no deterioration in lubricant.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| CLR-Q | 10437 | Clear Lube pulling lubricant, 1 quart (.95 l) |
| CLR-1 | 10438 | Clear Lube pulling lubricant, 1 gallon (3.79 l) |
| CLR-5 | 10439 | Clear Lube pulling lubricant, 5 gallon (18.93 l) |

SPECIFICATIONS

| | |
|--------------------|-----------------------------|
| Weight | CLR-Q - 2.3 lbs. (1.0 kg) |
| | CLR-1 - 7.6 lbs. (3.5 kg) |
| | CLR-5 - 44.8 lbs. (20.4 kg) |
| Viscosity | 10,000 - 20,000 CPS |
| PH Range | 6.0 - 8.0 |
| Average COF | 0.26 |

SWABS, BRUSHES, MANDRELS

Lube Spreader Swab



- Spreads a coat of wire lubricant in duct before installation of cable.
- Cleans mud, dirt, and light debris from duct before pulling.
- Tapered shape permits bi-directional use.
- Will not damage inner walls of duct.

| CAT. NO. | UPC NO. | DUCT SIZE | | MAXIMUM DISK SIZE | | MAXIMUM RATED CAPACITY | | WEIGHT | |
|----------|---------|-----------|------|-------------------|-------|------------------------|------|--------|------|
| | | INCH | MM | INCH | MM | LBS. | KN | LBS. | KG |
| 16854 | 16854 | 2 | 50.8 | 1.75 | 44.5 | 4800 | 21.3 | .5 | .23 |
| 16856 | 16856 | 2.5 | 63.5 | 2.25 | 57.2 | 4800 | 21.3 | .6 | .27 |
| 16857 | 16857 | 3 | 76.2 | 2.75 | 69.9 | 4800 | 21.3 | 1.5 | .68 |
| 16858 | 16858 | 3.5 | 88.9 | 3.25 | 82.6 | 4800 | 21.3 | 2.0 | .91 |
| 16859 | 16859 | 4 | 102 | 3.75 | 95.3 | 4800 | 21.3 | 2.5 | 1.13 |
| 17370 | 17370 | 5 | 127 | 4.75 | 120.7 | 4800 | 21.3 | 3.5 | 1.59 |
| 17571 | 17571 | 6 | 152 | 5.75 | 146.1 | 4800 | 21.3 | 4.0 | 1.81 |

Wire Duct Brush



- Flat steel bristles for maximum cleaning of sand, grit and light obstructions from duct.
- Pulling eye on one end and smaller twisted eye on the other end for tailing line allows bi-directional use.
- Can be pulled to loosen dried material before using mandrels or spreader swabs.

| CAT. NO. | UPC NO. | DUCT SIZE | | MAXIMUM DIAMETER | | MAXIMUM RATED CAPACITY | | WEIGHT | |
|----------|---------|-----------|------|------------------|-------|------------------------|-----|--------|-----|
| | | INCH | MM | INCH | MM | LBS. | KN | LBS. | KG |
| 39274 | 39274 | 2 | 50.8 | 1.87 | 47.5 | 200 | .89 | .83 | .38 |
| 39276 | 39276 | 2.5 | 63.5 | 2.38 | 60.5 | 200 | .89 | .83 | .38 |
| 39278 | 39278 | 3 | 76.2 | 2.87 | 72.9 | 200 | .89 | .83 | .38 |
| 39280 | 39280 | 3.5 | 88.9 | 3.38 | 85.9 | 200 | .89 | .90 | .41 |
| 39282 | 39282 | 4 | 102 | 3.87 | 98.3 | 200 | .89 | .95 | .43 |
| 39284 | 39284 | 5 | 127 | 4.87 | 123.7 | 200 | .89 | 1.15 | .52 |
| 39286 | 39286 | 6 | 152 | 5.87 | 149.1 | 200 | .89 | 1.28 | .58 |

Flexible Mandrel



- Useful for cleaning out mud, dirt, and light obstacles from ducts before installation of cable.
- Can be used around tight bends due to convex contacts between disks.
- Tapered profile allows pulling in either direction. Pulling eyes on both ends.
- Polyurethane disks do not damage inner walls of duct.

| CAT. NO. | UPC NO. | DUCT SIZE | | MAXIMUM DISK SIZE | | MAXIMUM RATED CAPACITY | | WEIGHT | |
|----------|---------|-----------|------|-------------------|-------|------------------------|------|--------|------|
| | | INCH | MM | INCH | MM | LBS. | KN | LBS. | KG |
| 39265 | 39265 | 2 | 50.8 | 1.88 | 47.7 | 2330 | 10.3 | 1 | .45 |
| 39263 | 39263 | 2.5 | 63.5 | 2.19 | 55.6 | 2330 | 10.3 | 1 | .45 |
| 39261 | 39261 | 3 | 76.2 | 2.81 | 71.4 | 2330 | 10.3 | 1.5 | .68 |
| 39259 | 39259 | 3.5 | 88.9 | 3.25 | 82.5 | 4800 | 21.3 | 3.5 | 1.59 |
| 39257 | 39257 | 4 | 102 | 3.75 | 95.3 | 4800 | 21.3 | 4.5 | 2.04 |
| 39255 | 39255 | 5 | 127 | 4.69 | 119.1 | 4800 | 21.3 | 6 | 2.72 |
| 39288 | 39288 | 6 | 152 | 5.81 | 147.5 | 4800 | 21.3 | 8.5 | 3.85 |



WIRE & CABLE TERMINATION

GREENLEE WIRE AND CABLE TERMINATION TOOLS ARE UL AND CUL CERTIFIED WITH SEVEN MAJOR BRANDS OF LUGS AND SPLICES. CHOOSE FROM SMART FEATURES SUCH AS INTELICRIMP™ AND AUTOSTOP ON GATOR® BRAND BATTERY TOOLS, OR TRY OUR COMPREHENSIVE SELECTION OF MANUAL TOOLS WHENEVER YOU NEED TO STRIP, CUT, AND CRIMP WIRE AND CABLE.

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¹ On select tools only.

² On select tools only. UL and CUL rated with Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union®, and Thomas & Betts® brand lugs and splices.

Feature Legend of Icons



IntelliCRIMP™
Technology



18V Lithium-Ion
Battery



Automatic
Retraction
Stop



Retraction
Stop Repeat



LED Work
Light



Battery
LED Monitor



Crimping
Force in
TONS

DIELESS

Crimping Tool
that does not
require die set

INTELLI-CRIMP™

Intelligent Crimping System



The New Standard

Battery powered Crimping and Cutting Tools from Greenlee have always represented the most comfortable and efficient solutions when it comes to reliable crimping of connectors and cutting cables. However, outstanding results are no reason for us to rest on our laurels. On the contrary, we are always committed to improve the good and make it even better. The result: our new tool generation with IntelliCRIMP™.

When it comes to Crimping and Cutting Tool intelligence, efficiency and ergonomics, Greenlee Gator® Tools are faster, safer and easier than ever before.

More Intelligent

- Intelligent Crimping System Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- Some tool models have Retraction Stop Repeat (RSR) which allows the operator to partially retract the ram and then the tool repeats the retraction for subsequent crimps.
- Some tool models have Automatic Retraction Stop (ARS) which retracts the ram just enough to get ready for the next cycle, saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life.

More Power

- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Available with 120V, 12V or 230V battery charger.
- Available with 120V or 230V corded adapter in place of batteries and charger.

More Ergonomic

- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.

More "Green"

- Greenlee battery-powered crimping tools now use bio-degradable oil.

More Connections

- Connections are UL and cUL classified when tools are used with 7 brands of color-coded lugs and splices. Most competitive tools are UL approved with only one connector brand.

BATTERY-POWERED HYDRAULIC PUMPS

EHP700L Hydraulic Battery-Powered Pump

NEW
PRODUCT

AVAILABLE AS
BARE
TOOL



- Loaded with intelligent features such as a multi-function pressure sensor, self-diagnostics, and a real-time LED readout
- The EHP700L is a versatile battery pump that can crimp, cut and punch with up to 10,000 PSI of pressure.
- The pump weighs only 14 lbs (including batteries)
- The mode dial enables the user to select between three primary intelligent program settings: CRIMP, CUT and PUNCH.
- Features three extra settings reserved for future use
- Each setting provides specific pressure functionality for the job at hand.
- Additional programs can be added, making the EHP700L a multi-function tool designed to help you get the job done faster, safer and easier than ever before.
- Intelli-CRIMP™ technology monitors the crimping process, ensuring the correct amount of pressure is applied for each crimp.
- Real-Time Monitoring is displayed via LED screen and recorded for statistics.
- Automatic Retraction detects pressure drop from completed action and releases pressure, preventing damage to head.
- Manual Retraction allows user to retract head to starting position at any time.
- Future Proof settings allow for a variety of additional functions to be programmed into the pump via a bi-directional optical connection.

18v
Lithium-Ion

Intelli-CRIMP™

RSR



SPECIFICATIONS

| | |
|--|----------------------|
| Operating pressure: | 10,000 PSI (700 bar) |
| Oil volume: | 0.80 qt (0.76) |
| Flow rate of double stage pump: | |
| Low pressure range: | up to 0.9 l/min |
| At full pressure: | 0.3 l/min |
| Degree of protection: | IP43 |
| Battery voltage: | 18V |
| Battery capacity: | 3.0 Ah, Li-Ion |

SPECIFICATIONS

| | |
|---------------------------------|--------------------------------------|
| Number of batteries: | 2 - 1 active, 1 stored |
| Charging time: | 30 minutes |
| Ambient temperature: | 10°F - 104°F (-12°C to 40°C) |
| Weight: | 10.8 lbs. (4.9 kg) without batteries |
| Weight with 2 batteries: | 14.1 lbs. |
| Length: | 14.0" (356mm) |
| Width: | 6.5" (165mm) |
| Height: | 11.5" (292mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------------|---------|--|
| EHP700L11 | 00735 | POWER PUMP, BAT 120V CHRGR |
| EHP700L12 | 00764 | POWER PUMP, BAT 12V CHRGR |
| EHP700L22 | 00765 | POWER PUMP, BAT 230V CHRGR |
| EHP700L120 | 00766 | POWER PUMP, 120V ADAPTER |
| EHP700L230 | 00767 | POWER PUMP, 230V ADAPTER |
| B EHP700LB | 01151 | EHP700 Bare Pump |
| HTA4GL | 00759 | REMOTE CONTROL |
| TG3 | 01054 | STRAP |
| EAC18120 | 52191 | ADAPTER,AC - 120V TO 18V |
| EAC18230 | 52192 | ADAPTER,AC - 230V TO 18V |
| 52176 | 52176 | BATTERY, 18V Li ION 3.0Ah |
| 52178 | 52178 | CHARGER, BATTERY 120V |
| 52179 | 52179 | CHARGER, BATTERY 230V |
| 52180 | 52180 | CHARGER, BATTERY 12V |
| 25766 | 25766 | ADAPTER, CHARGER 18V LI TO 12V NI |
| EL122/32 | 02042 | HYDRAULIC FLUID, BIODEGRADABLE |
| 17707 | 17707 | HOSE ASSY, 1/4" X 10' 3/8M&1/4M FILLED |
| 05850 | 05850 | HOSE ASSY, 1/4" X 10' 3/8M&3/8F FILLED |
| 01058 | 01058 | HOSE ASSY, 1/4" X 6' 3/8M&1/4M FILLED |
| 01059 | 01059 | HOSE ASSY, 1/4" X 6' 3/8M&3/8F FILLED |

CCX

What Is CCX?

The Greenlee CCX three-step, 10-second function changeover
The easy, quick-release design makes changeovers this simple:



- 1 Just push the release buttons, and the blades slide right out of the easy-opening CCX head.



- 2 Alternate die adapters, cutter blades, or knockout punch adapters slide right in!



- 3 You're working again, with no lost time!

CCX—Exclusive Multipurpose Tools from Greenlee

Get more for your money and carry fewer tools – with CCX. This advanced line of multipurpose tools is designed to work with a wide variety of cutting blades and crimping die adapters, and a knockout punch adapter. Buy just one tool for countless electrical construction and maintenance jobs.

Cut

- Copper, aluminum, copperweld, and ACSR cable
- Guy strand, including EHS
- Threaded rod
- DIN rail

Crimp – 6-Ton Option

- Greenlee K22 & KA22
- Burndy W
- Kearney O
- For copper lugs and splices, use Greenlee dies up to 600 kcmil (MCM). For aluminum lugs & splices, use Greenlee dies up to 350 kcmil (MCM).*
- Thomas & Betts 6Ton
- Blackburn OD
- Panduit CD2001

Crimp – 12-Ton Option

- Greenlee KC12 & KA12
- Burndy U
- Penn-Union T
- ILSCO ILD
- Thomas & Betts 15500 Series
- Blackburn B & H
- Panduit CD-920
- Huskie HT41

Punch – use the knockout punch adapter with

- Standard Slug-Buster and Slug-Splitter punches
- Non-round punches

**UL and cUL classified to 600 kcmil (MCM) with Anderson, Blackburn®, Burndy, ILSCO, Panduit, Thomas & Betts, and Penn-Union copper color-coded connectors. UL & cUL classified to 350 kcmil (MCM) with Anderson, Blackburn®, Burndy, ILSCO, Panduit, Thomas & Betts, and Penn-Union aluminum color-coded connectors.*

E12CCXL & ECCXL Tool Capacities



CRIMPING

Copper Color-Coded Lugs and Splices: 750 kcmil
Aluminum Color-Coded Lugs and Splices: 750 kcmil
5/8" Service Entrance Connectors: 10-1/0 AWG
.840 Service Entrance Connectors: 1/0-4/0 AWG
Aluminum Overhead "H" taps: 6 AWG-500 kcmil
One Piece ACSR Tension Splices: 4 AWG-556.5 kcmil
Two Piece ACSR Tension Splices: 2 AWG-556.5 kcmil

CUTTING

Copper and Aluminum Cable: 1-1/2" (40 mm)
ACSR: 954 kcmil (Cardinal)
Standard Guy Strand: 5/8" (20 mm)
EHS Guy Strand: 1/2" (13 mm)
Ground Rod: 1/2" (13 mm)
Rebar (schedule 60): 1/2" (13 mm)
Threaded Rod: 1/4", 3/8", 1/2", 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
DIN Rail: 35 x 7.5, 32 x 15 x 9, 35 x 15

PUNCHING

Round: 5-5/8" (144.1 mm) in 10 ga. mild steel
Rectangular: 2.677" x 5.433" (68.0 mm x 138.0 mm)
Square: 5.4333" x 5.4333" (138.0 mm x 138.0 mm)
Accessories required to punch 4-1/2" through 5-5/8"
12185 Spacer, 04686 Bushing and 03170 Sleeve

WHY LITHIUM-ION BATTERIES...

- Weigh 40% less than NiMH or NiCd batteries
- Last 70% longer than NiMH or NiCd batteries
- No memory effect
- Smart chargers for maximum battery life
- No hazardous materials

CCX

Gator® CCXL Tools

AVAILABLE AS
BARE TOOL

CLASSIFIED
cUL US

18V
Lithium-Ion

RSR

LED



12-TON
E12CCXL



6-TON
ECCXL

Features

- Intelligent Crimping System Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Retraction Stop Repeat (RSR) allows the operator to partially retract the ram and then the tool repeats the retraction for subsequent crimps.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Crimping head rotates 350°
- Tools automatically retract when the crimping or cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger
- Use optional CCX blades and adapters (see page 226)
- U.S. Patent #6,206,663, #6,532,790

12-Ton tools

When used with Greenlee KC12 and KA12 dies in combination with Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® color-coded connectors, crimps on connections up to 750 kcmil are UL and cUL classified. The tools also accept all industry "U" type dies. These tools drive knockout punches through 5-5/8" diameter.

6-Ton tools

When used with Greenlee KC22 and KA22 dies in combination with Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® color-coded connectors, connections up to 600 kcmil (copper) and 350 kcmil (aluminum) are UL and cUL classified. These tools also accept Greenlee, Burndy®, Kearney®, Blackburn®, Panduit® and Thomas & Betts® dies used for 6-ton tools. They can drive knockout punches up through 2" diameter.

| SPECIFICATIONS | E12CCXL | ECCXL |
|-------------------------------|----------------------------|-------------------------|
| Crimping Force | 24,000 lb. (107 kN) 12-Ton | 12,000 lb (53 kN) 6-Ton |
| Length | 16-1/2" (419 mm) | 16-1/2" (375 mm) |
| Weight | 15 lbs. (6.8 kg) | 14 lbs. (6.3 kg) |
| Battery | 18 V, 3.0 Ah, Li-ion | 18 V, 3.0 Ah, Li-ion |
| Battery Charge Time | 1 hour | 1 hour |
| Est. Cycles Per Charge | 90 | 300 |

Crimping dies on page 259-260

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------------|---------|---|
| E12CCXL11 | 52037 | 12-Ton Battery-Powered 12CCX tool, w/120V charger |
| E12CCXL12 | 52038 | 12-Ton Battery-Powered 12CCX tool, w/12V charger |
| E12CCXL22 | 52039 | 12-Ton Battery-Powered 12CCX tool, w/230V charger |
| E12CCXL120 | 12856 | CCX 12-Ton Tool w/120V AC Adapter |
| E12CCXL230 | 12857 | CCX 12-Ton Tool w/230V AC Adapter |
| ECCXL11 | 52040 | 6-Ton Battery-Powered CCX tool, w/120V charger |
| ECCXL12 | 52041 | 6-Ton Battery-Powered CCX tool, w/12V charger |
| ECCXL22 | 10134 | 6-Ton Battery-Powered CCX tool, w/230V charger |
| ECCXL120 | 10139 | CCX 6-Ton Tool w/120V AC Adapter |
| ECCXL230 | 10140 | CCX 6-Ton Tool w/230V AC Adapter |
| B ECCXLB | 01134 | CCX bare assembly, 6T |
| B E12CCXLB | 01135 | CCX bare assembly, 12T |
| A 12274 | 12274 | Carrying Strap |
| R 52176 | 52176 | 18 V, 3.0 Ah, Li-ion Battery |
| R 10122 | 10122 | Carrying Case for E12CCXL & ECCXL |
| R 52178 | 52178 | 120V Charger |
| R 52179 | 52179 | 230V Charger |
| R 52180 | 52180 | 12V Charger |

See page 226 for crimping die adapters, cutting blades and knockout punch adapter

CCX Tool Accessories (optional, all in pairs except punch driver)



UA22



UAK



UC40




UCUNC38



UA12P

DIE ADAPTERS

| CAT. NO. | UPC NO. | DESCRIPTION | ECCXL | E12CCXL |
|---|---------|--|-------|---------|
| UA22 | 07062 | Adapter for Greenlee K22 dies | ✓ | |
| UAK | 07033 | Adapter for Kearney "O", T&B "6 Ton", and Blackburn "OD" dies | ✓ | |
| UAW | 07035 | Adapter for Burndy "W" and Panduit "CD-2001" dies (equivalent to "D3" die) | ✓ | |
|  UA12T | 20158 | Adapter for "U" dies (included with E12CCXL tool) | | ✓ |

CABLE CUTTING BLADES

| CAT. NO. | UPC NO. | DESCRIPTION | ECCXL | E12CCXL |
|----------|---------|---------------------------------------|-------|---------|
| UC26 | 06714 | Cutter Blades AL & CU 1" capacity | ✓ | ✓ |
| UC40 | 07036 | Cutter Blades AL & CU 1-1/2" capacity | ✓ | ✓ |
| UCACSR | 07037 | Cutter blades for ACSR & guy strand | ✓ | ✓ |

THREADED ROD CUTTING BLADES

| CAT. NO. | UPC NO. | DESCRIPTION | ECCXL | E12CCXL |
|----------|---------|-------------------------------------|-------|---------|
| UCUNC14 | 07038 | Cutter blades for 1/4" threaded rod | ✓ | ✓ |
| UCUNC38 | 07039 | Cutter blades for 3/8" threaded rod | ✓ | ✓ |
| UCUNC12 | 07274 | Cutter blades for 1/2" threaded rod | ✓ | ✓ |

KNOCKOUT PUNCH ADAPTER

| CAT. NO. | UPC NO. | DESCRIPTION | ECCXL | E12CCXL |
|----------|---------|--|-------|---------|
| UA12P | 11890 | Punch Driver Adapter* (accepts 3/4" draw stud) | ✓ | ✓ |

*U.S. Patent #6,065,326

COPPER AND ALUMINUM CUTTING

Selection Guide for Copper & Aluminum Cable Cutters

| CABLE SIZE | | AWG | #8 | #6 | #4 | #2 | #1 | 1/0 | 2/0 | 3/0 | 4/0 | 250 kcmil | 300 kcmil | 350 kcmil | 400 kcmil | 500 kcmil | 600 kcmil | 750 kcmil | 1000 kcmil | 1500 kcmil | 2000 kcmil | Page | |
|------------------------|------|-----|----|----|----|----|----|-----|-----|-----|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|-------------|---|
| | | MM | 6 | 10 | 16 | 25 | 35 | 40 | 50 | 70 | 95 | 120 | 150 | 150 | 185 | 240 | 300 | 400 | 500 | 800 | 1000 | NO. | |
| BATTERY-POWERED | | | | | | | | | | | | | | | | | | | | | | | |
| E12CCXL, ECCXL | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 225 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| | ACSR | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| ES32L | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 228 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| ES1000 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 229 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| ES750 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 229 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| ESG50L | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 230 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| ESC85L, ESC105 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 243/ 242 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| HYDRAULIC | | | | | | | | | | | | | | | | | | | | | | | |
| 750 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 230 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| RATCHET | | | | | | | | | | | | | | | | | | | | | | | |
| 759 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 0 | 232 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 0 | | |
| 760,761 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 232/ 231 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 0 | | |
| 45206, 45206I | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 232 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 0 | | |
| 45207, 45207I | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 232 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 0 | | 0 |
| 773 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 231 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 0 | 0 | • | • | • | • | | |
| 774 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 231 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 0 | | 0 |
| 756 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 231 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | 0 |
| MANUAL | | | | | | | | | | | | | | | | | | | | | | | |
| 727,727M | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 234 | |
| | Cu | • | • | • | • | • | • | • | 0 | 0 | • | • | • | • | • | • | • | • | • | • | • | | |
| 718,718F | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 233 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | 0 | 0 | 0 | • | • | • | • | • | • | • | | |
| 718HL | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 233 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 0 | 0 | • | • | • | • | | |
| 704 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 233 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 0 | 0 | • | • | • | • | | |
| 705 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 233 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 0 | | |
| 706 | Al | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 233 | |
| | Cu | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 0 | | 0 |

Note: • = Frequent use capacity 0 = maximum capacity

Gator® ES32L Battery-Powered Cable Cutter

AVAILABLE AS
BARE TOOL

18V
Lithium-Ion



SPECIFICATIONS

| | |
|------------------------|---|
| Capacity | 500 kcmil (240 mm ²) Cu or Al cable |
| Battery Voltage | 18V 1.5 Ah Li-ion |
| Length | 14-5/8" (372 mm) |
| Weight | 4.4 lbs. (2.0 kg) |
| Battery Charge Time | 30 minutes |
| Est. Cycles Per Charge | 200 (500kcmil cable requires 2 cycles per cut) |

- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- Small size makes the ES32L an excellent tool for use inside panel boxes.
- In line tool style is light weight and very easy to control
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| ES32L11 | 52107 | ES32L Battery-Powered Cable Cutter w/120 volt Charger |
| ES32L12 | 52108 | ES32L Battery-Powered Cable Cutter w/12 volt Charger |
| ES32L22 | 52116 | ES32L Battery-Powered Cable Cutter w/230 volt Charger |
| ES32L120 | 52117 | ES32L Cable Cutter w/120V AC Adapter |
| ES32L230 | 52118 | ES32L Cable Cutter w/ 230V AC Adapter |
| ES32LB | 01136 | ES32 Bare Cutting Tool, 1.5T |
| B | | |
| R | 12092 | Movable Blade |
| R | 12093 | Fixed Blade |
| R | 52177 | 18V 1.5 Ah Li-ion |
| R | 25752 | Carrying Case |
| R | 52178 | 120V Charger |
| R | 52179 | 230V Charger |
| R | 52180 | 12V Charger |

Gator® ES32FL Battery-Powered Fine Stranded Copper Cable Cutter

AVAILABLE AS
BARE TOOL

18V
Lithium-Ion



SPECIFICATIONS

| | |
|------------------------|---|
| Capacity | 1-1/4" (32 mm) fine stranded Copper cable (Not for cutting standard stranded cables) |
| Battery Voltage | 18V 1.5 Ah Li-ion |
| Length | 14-5/8" (372 mm) |
| Weight | 4.4 lbs. (2.0 kg) |
| Battery Charge Time | Approximately 30 minutes |
| Est. Cycles Per Charge | 200 (500kcmil cable requires 2 cycles per cut) |

- Designed specifically for cutting fine stranded copper cable
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|---|
| ES32FL11 | 19219 | ES32FL Battery-Powered Cable Cutter w/120 V Charger |
| ES32FL12 | 19220 | ES32FL Battery-Powered Cable Cutter w/12 V Charger |
| ES32FL22 | 19221 | ES32FL Battery-Powered Cable Cutter w/230 V Charger |
| ES32FL120 | 19222 | ES32FL Battery-Powered Cable Cutter w/120 V Charger |
| ES32FL230 | 19223 | ES32FL Battery-Powered Cable Cutter w/230 V Charger |
| ES32FLB | 01137 | ES32F Bare Cutting Tool, 1.5T |
| B | | |
| R | 19234 | Blade Kit |
| R | 52177 | 18V 1.5 Ah Li-ion |
| R | 25752 | Carrying Case |
| R | 52178 | 120V Charger |
| R | 52179 | 230V Charger |
| R | 52180 | 12V Charger |

Gator® ES1000 Battery-Powered Cable Cutter



- Compact design permits use in tight locations.
- One hand operation.
- Extra heavy blades for clean cuts and long life.
- Performs approximately 35 cuts in 1000 kcmil copper cable per battery charge.
- Large 2 1/8" diameter blade opening.
- Easy to switch between forward and reverse direction.
- 14.4 volt battery recharges in one hour.
- Includes two batteries, battery charger, and molded carrying case.
- Choice of 120 volt or 230 volt battery charger.

SPECIFICATIONS

| | | |
|----------------------|------------------|------------|
| Capacity | Copper | 1000 kcmil |
| | Aluminum | 1000 kcmil |
| Blade Opening | 2-1/8" (54mm) | |
| Length | 14-3/4" (375mm) | |
| Weight | 7.3 lb. (3.3 kg) | |
| Battery | 14.4 Volt, NiCd | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| ES100011 | 50013 | Battery-powered Cable Cutter, 120 V Charger |
| ES100022 | 50015 | Battery-powered Cable Cutter, 230 V Charger |
| R 11851 | 11851 | 14.4 V NiCd Battery |
| R 50017 | 50017 | Blade Set |
| R 11845 | 11845 | Carrying Case |
| R 11841 | 11841 | 120V Charger |
| R 11856 | 11856 | 230V Charger |

Gator® ES750 Battery-Powered Cable Cutter



- Cuts 500 kcmil (MCM) copper cable in under 8 seconds.
- Compact design permits use in tight locations.
- Extra-heavy blades for clean cuts and long life.
- Makes approximately 20 cuts in 750 kcmil (MCM) per battery charge.
- Easy to switch between forward and reverse direction.
- 12 volt battery recharges in one hour.
- Includes battery charger, one battery and molded carrying case.
- Not for use on 500 kcmil or larger compact cable.
- Choice of a 120 volt or 230 volt battery charger.

SPECIFICATIONS

| | |
|-------------------------|--|
| Cutting Capacity | 750 kcmil (MCM) (400 mm ²) copper cable |
| | 1000 kcmil (MCM) (500 mm ²) aluminum cable |
| Length | 14-1/4" (362 mm) |
| Weight | 5.8 lbs. (2.6 kg) |
| Battery | 12 Volts NiCd |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| ES750-11 | 45380 | Battery-Powered Cable Cutter, 120 V Charger |
| ES750-22 | 45381 | Battery-Powered Cable Cutter, 230 V Charger |
| R 45378 | 45378 | Extra 12 Volt NiCd Battery |
| R 45334 | 45334 | Movable Blade |
| R 45333 | 45333 | Fixed Blade |
| R 45383 | 45383 | Carrying Case |
| R 45379 | 45379 | 120V Charger |
| R 45382 | 45382 | 230V Charger |

Gator® Battery-Powered Cable Cutter



AVAILABLE AS
BARE TOOL

18v
Lithium-Ion



- The ESG50L is used for cutting copper and aluminum power cables.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Retraction Stop allows the operator to stop the ram retraction at any point simply by tapping the trigger, and then starting the next cutting cycle from that point saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered cutting tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger
- U.S. Patents #6,206,663 and #6,065,326

SPECIFICATIONS BATTERY POWERED

| | |
|-------------------------------|------------------------------------|
| Cutting Capacity | 2" (50 mm) diameter Al or Cu cable |
| Length | 15-3/4" (400 mm) |
| Weight | 9.8 lbs. (4.4 kg) |
| Height | 1 m) |
| Battery | 18 V, 3.0 Ah, Li-ion |
| Battery Charge Time | 1 hour |
| Est. Cycles Per Charge | 300 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|---|
| ESG50L11 | 52129 | Battery-Powered Cable Cutter, 120 V charger |
| ESG50L12 | 52130 | Battery-Powered Cable Cutter, 12 V charger |
| ESG50L22 | 52131 | Battery-Powered Cable Cutter, 230 V charger |
| ESG50L120 | 52132 | Cable Cutter w/120V AC Adapter |
| ESG50L230 | 52133 | Cable Cutter w/230V AC Adapter |
| ESG50LB | 01138 | ESG 50 Bare Cable Cutter |
| 04181 | 04181 | Movable Blade |
| 04184 | 04184 | Fixed Blade |
| 52176 | 52176 | 18 V, 3.0 Ah, Li-ion Battery |
| 10118 | 10118 | Carrying Case for ESG50L |
| 12274 | 12274 | Carrying Strap |
| 52178 | 52178 | 120V Charger |
| 52179 | 52179 | 230V Charger |
| 52180 | 52180 | 12V Charger |

Hydraulic Cable Cutter



750H767 model with
767 Hand Pump

- Cuts in 7 seconds. Jaws slide open quickly to save time between cuts.
- 11-ton (97 kN) ram powers cutting jaws. Jaws are specially hardened and precision-ground to hold sharpness.
- Lightweight and easy to use.

SPECIFICATIONS

| | |
|--------------------|--|
| Capacity | 1000 kcmil (MCM) (500 mm ²) copper or aluminum cable |
| Jaw opening | 1-15/16" (49 mm) |
| Weight | 750 - 25 lbs. (11.3 kg) |
| | 750H767 - 29 lbs. (13.2 kg) |
| | 750E975 - 84 lbs. (38.1 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 750 | 29149 | Hydraulic Cable Cutter & Ram in Storage Box* |
| 750H767 | 17450 | Hydraulic Cable Cutter with 767 Hand Pump, Ram, Hydraulic Hose in Storage Box |
| 750E975 | 34203 | Hydraulic Cable Cutter with 975 Electric Pump, Ram, Hydraulic Hose in Storage Box |
| 751 | 22279 | Hydraulic Cable Cutter Head for use with Greenlee 746 Hydraulic Ram. Also order 51385 Elbow |
| 746C | 17451 | Ram Unit |
| 23955 | 23955 | Steel Storage Box |
| 17459 | 17459 | Cutter Blade |

* 1/4" Male hydraulic coupler (54169) is needed to connect a 767 pump with hose to the 750 cutter

Heavy-Duty Ratchet Cable Cutters



- Extra thick blades, ground flat to reduce potential for breakage.
- Ratchet action for heavy-duty cutting.
- Two cutting actions – fast scissor cutting for small cable and insulation; converts automatically to ratchet mode.
- Anti-slip mechanism for positive ratchet action.
- Rubber boot protects ratchet mechanism.

SPECIFICATIONS

| | COPPER | ALUMINUM |
|------------------------------|---|---|
| Maximum Capacity | 1500 kcmil (MCM) (800 mm ²) | 1500 kcmil (MCM) (800 mm ²) |
| Frequent Use Capacity | 1000 kcmil (MCM) (500 mm ²) | 1000 kcmil (MCM) (500 mm ²) |
| Length | 27-1/2" (698 mm) long | |
| Jaw opening | 2" (51 mm) | |
| Weight | 11.41 lbs. (5.17 kg) | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| 756 | 34081 | Heavy-Duty Ratchet Cable Cutter with rubber boot. |
| R 34188 | 34188 | Cutter Head Unit (Includes 2 Blades) |

Two-Hand Ratchet Cable Cutter



761

- Two-handed operation provides more leverage and makes cutting large cables easier.
- Short fiberglass handles make it easy to use in tight places and to store in tool boxes.
- Single-speed ratchet mechanism.
- Blade release allows blades to be opened in mid-cut.
- Heavy-duty forged steel blades provide long life.

SPECIFICATIONS

| | |
|--------------------------|--|
| Cutting Capacity* | Copper: 1000 kcmil (MCM) (500 mm ²) Aluminum: 1000 kcmil (MCM) (500 mm ²) Communications Cable: 1-1/8" dia. (28 mm ²) |
| Length | 10-3/4" (273 mm) |
| Weight | 3.6 lbs. (1.6 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-------------------------------|
| 761 | 11761 | Two-Hand Ratchet Cable Cutter |
| R 11768 | 11768 | Movable Blade (761) |

High Performance Ratchet Cable Cutters



773

- Two-speed mechanism saves cutting time by closing the blades rapidly and shifting to normal speed to perform the cut.
- No more pushing on stubborn release buttons—the blades open automatically when the cut is complete.
- Completely new ratchet mechanism improves durability.
- Narrow profile permits use in deep boxes, against walls or on floors.
- Durable, lightweight fiberglass handles.
- U.S. Patent #6,766,581

SPECIFICATIONS

| | |
|-------------------------------|---|
| Maximum Capacity* | 773 Copper: 500 kcmil (MCM) (240 mm ²) Aluminum: 795 kcmil (MCM) (400 mm ²) Communications Cable: 1-3/16" dia. |
| Frequent Use Capacity* | Copper: 350 kcmil (MCM) (150 mm ²) Aluminum: 750 kcmil (MCM) (400 mm ²) Communications Cable: - |
| Length | 5-1/2" (394 mm) |
| Weight | 5.3 lbs. (2.4 kg) |



774

| | |
|-------------------------------|---|
| Maximum Capacity* | 774 Copper: 750 kcmil (MCM) (400 mm ²) Aluminum: 795 kcmil (MCM) (400 mm ²) Communications Cable: 1-3/16" dia. |
| Frequent Use Capacity* | Copper: 500 kcmil (MCM) (240 mm ²) Aluminum: 750 kcmil (MCM) (400 mm ²) Communications Cable: - |
| Length | 19-1/8" (486 mm) |
| Weight | 5.8 lbs. (2.6 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--|
| 773 | 01876 | High Performance Ratchet Cable Cutter, 15-1/2" |
| 774 | 01878 | High Performance Ratchet Cable Cutter 19-1/8" |
| R 10809 | 10809 | Movable & Fixed Blades (773 & 774) |

Ratchet Cable Cutters



45206



45207I

- Simple, one-hand operation
- Exclusive two-speed ratcheting mechanism adjusts for light/heavy cutting
- Well-suited for tight working spaces
- Blades can be opened mid-cycle
- Available with cushioned handles or with 1000V insulated cushioned handles

SPECIFICATIONS

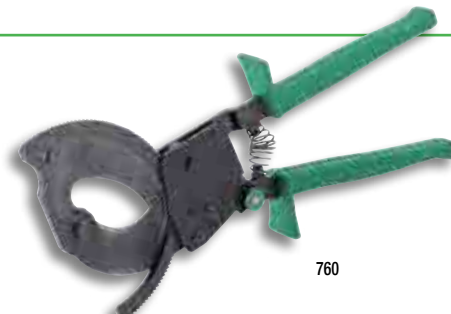
| | 45206 & 45206I | 45207 & 45207I |
|-------------------------------|--|---|
| Maximum Capacity* | Copper: 600 kcmil (MCM) (300 mm ²) Aluminum: 600 kcmil (MCM) (300 mm ²) Communications Cable: 1-3/8" (35 mm) dia. | Copper: 750 kcmil (MCM) (400 mm ²) Aluminum: 1000 kcmil (MCM) (500 mm ²) Communications Cable: 2" (51 mm) dia. |
| Frequent Use Capacity* | Copper: 500 kcmil (MCM) (240 mm ²) Aluminum: 500 kcmil (MCM) (240 mm ²) Communications Cable: - | Copper: 600 kcmil (MCM) (300 mm ²) Aluminum: 750 kcmil (MCM) (400 mm ²) Communications Cable: - |
| Length | 10" (254 mm) | 11" (279 mm) |
| Weight | 1-7/16" (36.5 mm) | 2" (51 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 45206 | 45206 | Ratchet Cable Cutter (1.5 lbs./7 kg) |
| 45206I | 12680 | Ratchet Cable Cutter with Insulated Handles (1.5 lbs./7 kg) |
| 45207 | 45207 | Ratchet Cable Cutter (2.4 lbs./1.1 kg) |
| 45207I | 12681 | Ratchet Cable Cutter with Insulated Handles (2.4 lbs./1.1 kg) |
| 45218 | 45218 | Movable Blade (45206 & 45206I) |
| 45212 | 45212 | Fixed Blade and Handle (45206) |
| 12526 | 12526 | Fixed Blade and Handle (45206I) |
| 45211 | 45211 | Movable Blade (45207 & 45207I) |
| 45228 | 45228 | Fixed Blade and Handle (45207) |
| 05883 | 05883 | Fixed Blade and Handle (45207I) |

Compact Ratchet Cable Cutters



759



760

- Simple, one-hand operation.
- Compact – convenient for working in tight places and stores easily in tool pouches.
- Single-speed ratchet mechanism.
- Blade release allows blades to be opened in mid-cut.
- Heavy-duty blades provide long life.

SPECIFICATIONS

| | 759 | 760 |
|-------------------------------|---|--|
| Maximum Capacity* | Copper: 500 kcmil (MCM) (240 mm ²) Aluminum: 750 kcmil (MCM) (400 mm ²) Communications Cable: 1-1/8" dia. (28 mm ²). | Copper: 1000 kcmil (MCM) (500 mm ²) Aluminum: 1000 kcmil (MCM) (500 mm ²) Communications Cable: 1-3/4" dia. (42 mm ²) |
| Frequent Use Capacity* | Copper: 400 kcmil (MCM) (185 mm ²) Aluminum: 600 kcmil (MCM) (300 mm ²) Communications Cable: - | Copper: 750 kcmil (MCM) (400 mm ²) Aluminum: 1000 kcmil (MCM) (500 mm ²) Communications Cable: - |
| Length | 10-1/2" (262 mm) | 11-3/4" (298 mm) |
| Weight | 1.4 lbs. (0.6 kg) | 1.75 lbs. (0.8 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------------|
| 759 | 45277 | Compact Ratchet Cable Cutter |
| 760 | 17600 | Compact Ratchet Cable Cutter |
| 45282 | 45282 | Movable Blade (759) |
| 45281 | 45281 | Fixed Blade (759) |
| 09908 | 09908 | Movable Blade (760) |
| 09907 | 09907 | Fixed Blade (760) |
| 45297 | 45297 | Handle Spring |

*Capacity may be less for compact and compressed cables

Heavy-Duty Cable Cutters



SPECIFICATIONS

| | 718F | 704 | 705 | 706 |
|-------------------------------|--|--|---|---|
| Maximum Capacity* | | | | |
| Copper: | 350 kcmil (MCM) (150 mm ²) | 350 kcmil (MCM) (150 mm ²) | 500 kcmil (MCM) (240 mm ²) | 750 kcmil (MCM) (400 mm ²) |
| Aluminum: | - | 500 kcmil (MCM) (240 mm ²) | 1000 kcmil (MCM) (500 mm ²) | 1000 kcmil (MCM) (500 mm ²) |
| Communications Cable: | 1" (25 mm) dia. | 1-1/4" (32 mm) dia. | 1-3/4" (44 mm) dia. | 1-1/2" (38 mm) dia. |
| Frequent Use Capacity* | | | | |
| Copper: | 4/0 AWG (95) | 250 kcmil (MCM) (120 mm ²) | 350 kcmil (MCM) (150 mm ²) | 500 kcmil (MCM) (240 mm ²) |
| Aluminum: | 350 kcmil (MCM) (150 mm ²) | 350 kcmil (MCM) (150 mm ²) | 750 kcmil (MCM) (400 mm ²) | 750 kcmil (MCM) (400 mm ²) |
| Communications Cable: | - | - | - | - |
| Length | 17-1/2" (444 mm) | 21" (533 mm) | 25-1/2" (648 mm) | 31-1/2" (800 mm) |
| Weight: | 2.8 lbs. (1.3 kg) | 3.01 lbs. (1.37 kg) | 5.5 lbs. (2.5 kg) | 6.2 lbs. (2.8 kg) |

718F, 704, 705 and 706

- Strong, lightweight fiberglass handles.
- Adjustable pivot bolt provides for blade adjustment.

704, 705 and 706

- Replaceable, forged, heat-treated, and precision ground blades.
- Made in USA.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| 718F | 10507 | Heavy-Duty Cable Cutter, 17-1/2" |
| 704 | 24564 | Heavy-Duty Cable Cutter, 21" |
| 705 | 05923 | Heavy-Duty Cable Cutter, 25-1/2" |
| 706 | 22291 | Heavy-Duty Cable Cutter, 31-1/2" |
| R 24565 | 24565 | 704 Cutter Unit (Includes 2 Blades) |
| R 24567 | 24567 | 704 Handle Unit (Includes Handle, Sleeve, Grip) |
| R 05930 | 05930 | 705 Handle Unit (Includes Handle, Sleeve, Grip) |
| R 06555 | 06555 | 705 & 706 Cutter Unit (Includes 2 Blades) |
| R 22296 | 22296 | 706 Handle Unit (Includes Handle, Sleeve, Grip) |

*Capacity may be less for compact and compressed cables

718 Cable Cutter



- Economical, lightweight, fits easily into tool boxes.
- Heat-treated, precision ground, shear action blades.
- Steel handles with rubber grips for leverage.
- Made in USA.

SPECIFICATIONS

| | COPPER | ALUMINUM |
|------------------------------|---------------------------------------|--|
| Maximum Capacity* | 350 kcmil (MCM) (150mm ²) | - |
| Frequent Use Capacity | 4/0 (95 mm ²) | 350 kcmil (MCM) (150 mm ²) |
| Length | 18" (457 mm) | |
| Weight: | 2.78 lbs. (1.3 kg) | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------|
| 718 | 30208 | Cable Cutter |

*Capacity may be less for compact and compressed cables

718HL Cable Cutter



- Unique "double joint" reduces handle effort required by 25% and increases cutting capacity to 500 kcmil
- Fits into tool boxes
- Heat-treated, precision ground, shear action blades
- Strong steel handles with molded grips for good leverage
- Patent Pending

SPECIFICATIONS

| | COPPER | ALUMINUM |
|------------------------------|--------------------|------------|
| Maximum Capacity* | 500 kcmil | 500 kcmil |
| Frequent Use Capacity | 350 kcmil | 500 kcmil) |
| Length | 18" (457 mm) | |
| Weight: | 3.25 lbs. (1.5 kg) | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------|
| 718HL | 12847 | Cable Cutter |

*Capacity may be less for compact and compressed cables

Cable Cutter

727M



727

- Easily cuts heavier copper and aluminum cables up to 2/0 (70 mm²).
- Precision-ground, shear-action, curved cutting blades.
- 727 has PVC-covered, high-leverage handles for easier cuts.
- 727M has cushion grip, high-leverage handles for added comfort.
- Heat-treated for long life.
- Made of heavy-duty forged steel.
- Rust-resistant black oxide finish.

SPECIFICATIONS

| | |
|-------------------------------|--|
| Maximum Capacity* | Copper: 2/0 (70 mm ²) Aluminum: - Communications Cable: - |
| Frequent Use Capacity* | Copper: #1 AWG (35 mm ²) Aluminum: 2/0 (70 mm ²) Communications Cable: 100 pair |
| Length | 10-3/4" (273 mm) |
| Weight | 3.6 lbs. (1.6 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------------|
| 727 | 31291 | Cable Cutter |
| 727M | 12629 | Cable Cutter with Molded Grip |

ETS12L Battery-Powered Bolt Cutter

AVAILABLE AS
BARE TOOL

18V
Lithium-Ion

LED



- Designed to cut one-time disposable locks, shipping container seals and small diameter bolts.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life.
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger.

SPECIFICATIONS

| | |
|-------------------------------|-------------------|
| Length | 13-5/8" (365 mm) |
| Weight | 4.4 lbs. (2.0 kg) |
| Battery | 18V 1.5 Ah Li-ion |
| Battery Charge Time | 30 Minutes |
| Est. Cycles per Charge | 200 |

CUTTING CAPACITY

| | |
|----------------------------------|--|
| Common Bolt | 1/2" diameter |
| Grade 5 Bolt | 7/16" diameter |
| Grade 8 Bolt | 5/16" diameter |
| Threaded Rod | 1/2" diameter |
| One-Time Disposable Lock | 4 AWG Alumoweld |
| Boa Lock | BL-9 |
| Grade 40 Rebar | 3/8" diameter |
| Steel Rod | 3/8" diameter (1/2" diameter using two cycles) |
| Ground Rod | 3/8" diameter (1/2" diameter using two cycles) |
| Copper and Aluminum Cable | 2/0 AWG |
| ACSR | 3/0 AWG Pigeon (4/0 AWG Pigeon using two cycles) |
| Guy Strand | 5/16" diameter (3/8" diameter using two cycles) |
| EHS Guy Strand | 5/16" diameter |
| Aircraft Cable | 1/4" diameter |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|---|
| ETS12L11 | 52134 | Battery Bolt & Lock Cutter-120 Volt Charger |
| ETS12L12 | 52135 | Battery Bolt & Lock Cutter-12 Volt Charger |
| ETS12L22 | 52136 | Battery Bolt & Lock Cutter-220 Volt charger |
| ETS12L120 | 52137 | Bolt & Lock Cutter w/120V AC Adapter |
| ETS12L230 | 52138 | Bolt & Lock Cutter w/230V AC Adapter |
| ETS12LB | 01139 | ETS12 Bare Bolt & Lock Cutter |
| 25752 | 25752 | Carrying Case |
| 52177 | 52177 | 18V 1.5 Ah Li-ion Battery |
| 56288 | 56288 | Cutter Blade Kit |
| 52178 | 52178 | 120V Charger |
| 52179 | 52179 | 230V Charger |
| 52180 | 52180 | 12V Charger |

Gator® ETS8L Cable Tray Cutter

AVAILABLE AS
BARE TOOL

18V
Lithium-Ion



- Cuts basket style cable tray wires in 2 seconds.
- Makes flush cuts.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger

SPECIFICATIONS

| | |
|-------------------------------|-------------------|
| Weight | 3.3 LBS. (1.5 KG) |
| Length | 12-1/8" (308mm) |
| Battery | 18V 1.5 Ah Li-ion |
| Battery Charge Time | 30 Minutes |
| Est. Cycles per Charge | 400 |

CUTTING CAPACITIES

| MATERIAL | DIAMETER | | | | |
|--------------------------------------|----------|------|-------|------|-------|
| | 1/16" | 1/8" | 3/16" | 1/4" | 5/16" |
| Cable Tray (Mild steel, Zinc Plated) | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cable Tray (Stainless Steel) | ✓ | ✓ | ✓ | ✓ | |
| Threaded Rods | ✓ | ✓ | ✓ | ✓ | ✓ |
| Threaded Rods, Stainless Steel | ✓ | ✓ | ✓ | ✓ | ✓ |
| Steel Bolts (Grade 2) | ✓ | ✓ | ✓ | ✓ | ✓ |
| Steel Bolts (Grade 8) | ✓ | ✓ | ✓ | | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------------|---------|--|
| ETS8L11 | 52139 | Battery Cable Tray Cutter w/120V charger |
| ETS8L12 | 52140 | Battery Cable Tray Cutter w/12V charger |
| ETS8L22 | 52141 | Battery Cable Tray Cutter w/230V charger |
| ETS8L120 | 52142 | Cable Tray Cutter w/120V AC Adapter |
| ETS8L230 | 52143 | Cable Tray Cutter w/230V AC Adapter |
| B ETS8LB | 01140 | ETS8 Bare Cable Tray Cutter |
| R 52177 | 52177 | 18V 1.5 Ah Li-ion Battery |
| R 25752 | 25752 | Carrying Case |
| R 19987 | 19987 | Blade Set |
| R 52178 | 52178 | 120V Charger |
| R 52179 | 52179 | 230V Charger |
| R 52180 | 52180 | 12V Charger |

ACSR, GUY STRAND & STEEL CUTTING

Selection Guide for ACSR, Guy Strand & Steel Cutters

| | ACSR | STD. GUY STRAND | EHS GUY STRAND | GROUND ROD | REBAR (SCHEDULE 60) | PAGE # |
|------------------------|--------------------------|-------------------|-------------------|-------------------|---------------------|--------|
| BATTERY-POWERED | | | | | | |
| ES20L | 336.4 kcmil (Merlin) | | 3/8" (9 mm) | 3/8" (9 mm) | 3/8" (9 mm) | 236 |
| ESG25L | 636 kcmil (Grosbeak) | | 5/8" (16 mm) | 3/8" (9 mm) | 3/8" (9 mm) | 237 |
| ESG55L | 2515 kcmil (Joree 76/19) | 5/8" (16 mm) | 9/16" (14 mm) | 3/4" (19 mm) | 5/8" (16 mm) | 238 |
| ESG45L | 1590.0 kcmil | 5/8" (16 mm) dia. | 1/2" | 5/8" (16 mm) dia. | 1/2" (13 mm) dia. | 239 |
| ES25 | 636 kcmil (except Egret) | | | | | 237 |
| HYDRAULIC-TYPE | | | | | | |
| HK520 | 336.4 kcmil | 1/2" (13 mm) dia. | | 1/2" (13 mm) dia. | 7/16" (11 mm) | 239 |
| RATCHET-TYPE | | | | | | |
| 776 | 636.0 kcmil* | | | | | 240 |
| 757 | 954.0 kcmil | | | 1/2" (13 mm) dia. | | 240 |
| 758 | | 1/2" (13 mm) dia. | 1/2" (13 mm) dia. | 1/2" (13 mm) dia. | | 240 |
| MANUAL | | | | | | |
| 749 | 2/0 AWG | | | | | 241 |
| CUTTER DIES | | | | | | |
| 00949 | 477.0 kcmil | 5/8" (16 mm) dia. | 5/8" (16 mm) dia. | 5/8" (16 mm) dia. | 5/8" (16 mm) dia. | 241 |
| KD6-27 | 4/0 AWG | | | | | 241 |

* For core diameters less than 0.32"

ES20L Battery ACSR Cutter

NEW PRODUCT

AVAILABLE AS BARE TOOL

18V Lithium-Ion



LED



- The ES20L is unique in that it has scissor style blades.
- It is the only battery ACSR cutter that will cut the short tag cable ends on H-tap style connectors.
- The ES20L will cut up to 336 kcmil ACSR.

SPECIFICATIONS

| | |
|------------------------|----------------------|
| Length | 15" (381 mm) |
| Width | 2-7/8" (73 mm) |
| Height | 4-1/2" (114 mm) |
| Weight | 4.6 lbs (2 kg) |
| Battery | 18V 3.0 Ah Li-Ion |
| Est. Cycles Per Charge | 100 |
| Capacity | Max Diameter 3/4" |
| ACSR | 336.4 kcmil (Merlin) |
| Guy Strand (not EHS) | 3/8" (9 mm) |
| Ground Rod | 3/8" (9 mm) |
| Rebar (Schedule 60) | 3/8" (9 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------------|
| ES20L11 | 13935 | Cutter, ACSR BAT, 120V Charger |
| ES20L12 | 13936 | Cutter, ACSR BAT, 12V Charger |
| ES20L22 | 13937 | Cutter, ACSR BAT, 230V Charger |
| ES20LB | 01152 | ES20 Bare Cutter |
| ES20E | 05526 | Blade Kit |

ESG25L Battery ACSR Cutter

NEW PRODUCT

AVAILABLE AS BARE TOOL

18v
Lithium-Ion



- The ESG25L will cut up to 636 kcmil cable making it an excellent tool for distribution crews.
- It is an in line tool so it is lightweight and very easy to handle.

SPECIFICATIONS

| | |
|-------------------------------|-------------------------|
| Length | 15" (381 mm) |
| Width | 2-7/8" (73 mm) |
| Height | 4-1/2" (114 mm) |
| Weight | 4.6 lbs (2 kg) |
| Battery | 18V 3.0 Ah Li-Ion |
| Est. Cycles Per Charge | 100 |
| Capacity | Max Diameter 1" (25 mm) |
| ACSR | 636 kcmil (Grosbeak) |
| Guy Strand (not EHS) | 5/8" 16 mm |
| Ground Rod | 3/8" (9 mm) |
| Rebar (Schedule 60) | 3/8" (9 mm) |
| Wire Rope | 1/2" (13 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------------|---------|--------------------------------|
| ESG25L11 | 12383 | Cutter, ACSR BAT, 120V Charger |
| ESG25L12 | 12387 | Cutter, ACSR BAT, 12V Charger |
| ESG25L22 | 12384 | Cutter, ACSR BAT, 230V Charger |
| B ESG25LB | 01147 | ESG25 Bare Cutter |
| 76807 | 76807 | Blade Kit |

ES25 Battery-Powered ACSR Cutter



- Cuts ACSR type cables through 636 kcmil (except Egret).
- One-hand operation permits operator to control the cable with a free hand.
- Capable of making approximately 50 cuts of Grosbeak or 120 cuts of Merlin per battery charge.
- Blades are specially contoured and hardened to cut both aluminum and steel strands.
- Operator can switch between reverse and forward direction with one finger.
- Powerful 14.4 volt battery charges in less than one hour.
- Includes two batteries, battery charger, and molded carrying case.
- Choice of 120 volt or 230 volt battery charger.

SPECIFICATIONS

| | | |
|----------------------------|------------------|--------------------------|
| Capacity | ACSR | 636 kcmil (except Egret) |
| | Aluminum | 1500 kcmil |
| Length | 14-3/4" (375mm) | |
| Weight | 7.7 lb. (3.5 kg) | |
| Battery | 14.4 Volt, NiCd | |
| Battery Charge Time | 1 Hour | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|------------------------------------|
| ES2511 | 35369 | Battery ACSR Cutter, 120 V Charger |
| ES2522 | 22132 | Battery ACSR Cutter, 230 V Charger |
| R 76807 | 76807 | Blade Kit |
| R 11851 | 11851 | 14.4 V NiCd Battery |
| R 11845 | 11845 | Carrying Case |
| R 11841 | 11841 | 120V Charger |
| R 11856 | 11856 | 230V Charger |

ESG55L Battery ACSR Cutter



AVAILABLE AS
**BARE
TOOL**

18v
Lithium-Ion



LED

SPECIFICATIONS

| | |
|-------------------------------|--------------------------|
| Length | 18-1/8" (460 mm) |
| Width | 3-1/8" (80 mm) |
| Height | 13-1/4" (337 mm) |
| Weight | 17.5 lb. (8 kg) |
| Battery | 18V 3.0 Ah Li-ion |
| Est. Cycles Per Charge | 80 |
| Capacity | Max Diameter: 2-1/8" |
| ACSR | 2515 kcmil (Joree 76/19) |
| Guy Strand | 5/8" (16 mm) |
| EHS Guy Strand | 9/16" (14 mm) |
| Ground Rod | 3/4" (19 mm) |
| Rebar (Schedule 60) | 5/8" (16 mm) |
| Soft steel bolts | 3/4" (19 mm) |

- The ESG55L with a 2-1/8" capacity is designed to cut the largest ACSR cables, ground rods, and guy strands.
- It makes an excellent tool for transmission construction and maintenance crews.
- Designed specifically to cut ACSR, guy strand and ground rods.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Retraction Stop allows the operator to stop the ram retraction at any point simply by tapping the trigger, and then starting the next cutting cycle from that point saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered cutting tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger
- U.S. Patents #6,206,663 and #6,065,326

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------------|---------|--------------------------------|
| ESG55L11 | 13006 | Cutter, ACSR BAT, 120V Charger |
| ESG55L12 | 13007 | Cutter, ACSR BAT, 12V Charger |
| ESG55L22 | 13008 | Cutter, ACSR BAT, 230V Charger |
| B ESG55LB | 01153 | ESG55 Bare Cutter |
| 52176 | 52176 | 18V 3.0 Ah Li-ion Battery |
| 12274 | 12274 | Carrying Strap |
| 52178 | 52178 | 120V Charger |
| 52179 | 52179 | 230V Charger |
| 52180 | 52180 | 12V Charger |
| 10118 | 10118 | Carrying Case for ESG45L |

Gator® Battery-Powered ACSR & Guy Wire Cutters



AVAILABLE AS
BARE TOOL

18V
Lithium-Ion



- Designed specifically to cut ACSR, guy strand and ground rods.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Retraction Stop allows the operator to stop the ram retraction at any point simply by tapping the trigger, and then starting the next cutting cycle from that point saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Cutting head rotates 350°
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- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered cutting tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger
- U.S. Patents #6,206,663 and #6,065,326

SPECIFICATIONS

| | |
|-----------------------------------|---|
| Length | 16-5/8" (423 mm) |
| Height | 13" (330 mm) |
| Weight | 13 lbs. (5.9 kg) |
| Battery | 18V 3.0 Ah Li-ion |
| Battery Charge Time | 1 hour |
| Est. Cycles per Charge | 90 |
| Capacity | |
| ACSR: | 1590 kcmil (MCM), (Falcon 54/19) |
| Standard Guy Strand: | 5/8" diameter (16 mm diameter) |
| EHS Guy Strand: | 1/2" diameter (13 mm diameter) |
| Ground Rod: | 5/8" diameter (16 mm diameter) |
| Rebar (schedule 60): | 1/2" diameter (13 mm diameter) |
| Wire Rope: | 5/8" diameter (16 mm diameter) |
| Copper and Aluminum Cable: | 1500 kcmil (MCM) (800 mm ²) |
| Soft Steel Bolts: | 5/8" diameter (16 mm diameter) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------------|---------|--|
| ESG45L11 | 52124 | Battery-Powered ACSR Cable Cutter, 120 V charger |
| ESG45L12 | 52125 | Battery-Powered ACSR Cable Cutter, 12 V charger |
| ESG45L22 | 52126 | Battery-Powered ACSR Cable Cutter, 230 V charger |
| ESG45L120 | 52127 | Cable Cutter w/120V AC Adapter |
| ESG45L230 | 52128 | Cable Cutter w/230V AC Adapter |
| B ESG45LB | 01141 | ESG45 Bare Cable Cutter |
| R ESG45ESI | 10398 | Movable Blade |
| R ESG45EF | 10397 | Fixed Blade |
| R 52176 | 52176 | 18V 3.0 Ah Li-ion Battery |
| R 10118 | 10118 | Carrying Case for ESG45L |
| A 12274 | 12274 | Carrying Strap |
| R 52178 | 52178 | 120V Charger |
| R 52179 | 52179 | 230V Charger |
| R 52180 | 52180 | 12V Charger |

Hydraulic ACSR Cable Cutter



- Hydraulic cutter takes the effort out of cutting tough cables.
- Flip-open head provides strength while making it easy to cut long lengths.
- Head rotates 180°.
- Thumb release lever for quick blade retraction.

SPECIFICATIONS

| | |
|-----------------|--|
| Capacity | ACSR: 336.4 kcmil (MCM) Standard Guy Wire, Ground Rod: 1/2" (13 mm) Soft Steel Bolts: 11/16" (17 mm) Wire Rope: 3/4" (19 mm) Rebar: 7/16" dia. (Schedule 60) |
| Length | 14.5" (368 mm) |
| Weight | 5.7 lbs. (2.6 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-----------------------------|
| HK520 | 08031 | Hydraulic ACSR Cable Cutter |
| R 00336 | 00336 | Cutter Blade |
| R 00301 | 00301 | Fixed Cutter Head |

High Performance Ratchet ACSR Cable Cutter



- Two-speed mechanism saves cutting time by closing the blades rapidly and shifting to normal speed to perform the cut.
- Patented mechanism opens the blades automatically when the cut is complete. (U.S. Patent #6,766,581)
- Completely new ratchet mechanism provides excellent durability.
- Short length fits easily into truck bins.
- Durable, lightweight fiberglass handles.

SPECIFICATIONS

| | |
|---------------------------|--|
| Capacity | Cuts ACSR through 636 kcmil with steel core diameters less than 0.32" |
| Specifically cuts: | All 336.4 and Smaller ACSR plus: 397.5 - Brant, Chickadee, Ibis 477.0 - Pelican, Flicker, Hawk 556.5 - Osprey, Parakeet 605.0 - Peacock 636.0 - Kingbird, Swift, Rook |
| Length | 20" (508 mm) |
| Weight | 6.2 lb. (2.8 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------------------|
| 776 | 02826 | High Performance ACSR Cable Cutter |
| 11397 | 11397 | Movable & Fixed Blade Set |

Ratchet ACSR Cable Cutter



- Extra-thick blades, ground flat to reduce potential for breakage.
- Ratchet action for increased cutting power.
- Two cutting actions – fast scissor cutting for small cable; converts automatically to ratchet mode.
- Anti-slip mechanism for positive ratchet action.
- Rubber boot protects ratchet mechanism.

SPECIFICATIONS

| | |
|--------------------|---|
| Capacity | 954 kcmil (MCM) ACSR, 1/2" (12.7 mm) soft steel rod |
| Length | 29-1/4" (743 mm) |
| Jaw opening | 1.18" (30 mm) |
| Weight | 12.22 lbs. (5.54 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------------------|
| 757 | 34084 | Ratchet ACSR Cable Cutter |
| 34187 | 34187 | Cutter Head Unit (Includes 2 Blades) |

EHS Guy Wire Cutter



SPECIFICATIONS

| | |
|-----------------|--|
| Capacity | 1/2" EHS and standard Guy Wire, 1/2" Mild Steel Rods and Bolts |
| Length | 27-3/4" (704 mm) |
| Weight | 10 lbs. 12 oz. (4.8 kg) |

- Cuts 1/2" Extra High Strength (EHS) and standard guy wire.
- Cuts 1/2" (12.7 mm) mild steel rods and bolts.
- Has two cutting actions – single-motion cutting for small cable, ratchet action for heavy-duty cutting.
- Anti-slip mechanism for positive ratchet action.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 758 | 01274 | Heavy-Duty Ratchet Guy Wire Cutter |
| 03548 | 03548 | Cutter Head Unit (Includes Blades, Blade Holder, Insert and Hardware) |

Guy Wire Cutter Dies



- Works with any crimping tool that accepts 12-ton "U" type dies.
- Less costly than dedicated cutting tools.
- Simple to install in crimping tools.
- Requires no adjustments for cutting different materials.
- Will cleanly cut guy wire (including EHS), grade 60 rebar, ground rod, soft steel bolts up to 5/8" (16 mm) and up to 477 kcmil (MCM) (240 mm²) ACSR.
- U.S. Patent Number 5,775,158.

SPECIFICATIONS

| | |
|-----------------|---|
| Capacity | Guy Wire: 5/8" (16 mm) dia. Ground Rod: 5/8" (16 mm) dia. EHS Guy Wire: 5/8" (16 mm) dia. Soft Steel Bolts: 5/8" (16 mm) dia. Rebar (grade 60): 5/8" (16 mm) dia. ACSR: 477 kcmil (MCM) (240 mm ²) |
|-----------------|---|

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 00949 | 00949 | Cutting dies for 12-ton "U" die type crimping tools |

KD6-27 Cutter Dies



- "W" style dies for cutting ACSR
- Now, with improved steel and heat treatment for better durability
- Can be used with any crimping tool that accepts "W" dies. Including: Greenlee K4250, K425BG, EK622L, ECCXL (with UAW adapters), and EK628L (with CJD3 jaws).
- Similar to Burndy W-28K.

SPECIFICATIONS

| | |
|-----------------|----------|
| Capacity | 4/0 ACSR |
|-----------------|----------|

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------------|
| KD6-27 | 10182 | "W" Style Cutting Dies for ACSR |

ACSR Cable Cutter



- Precision-machined, forged steel blades.
- Cuts ACSR service entrance cable.
- Steel handles with rubber hand grips.

SPECIFICATIONS

| | |
|-----------------|--|
| Capacity | ACSR Cable: 2/0, 7/16" (11.1 mm) Piano Wire: 1/8" (3.2 mm) Copper/Aluminum Cable: 350 kcmil (mcm) (150 mm ²) |
| Length | 28" (711 mm) |
| Weight | 5.66 lbs. (2.6 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------|
| 749 | 32913 | ACSR Cable Cutter |
| 04663 | 04663 | Bolt & Nut Set |



Steel Cable & Wire Rope Cutter



- Cuts small diameter wire rope & wire
- Heavy-duty forged steel blades and handles
- Heat treated, precision ground, shear action cutting blades
- Cushioned handle grips

SPECIFICATIONS

| | |
|-----------------|--|
| Capacity | Soft Wire Rope: 1/4" (6 mm) dia. Aircraft Cable: 3/16" (5 mm) dia. Hard Steel Wire: 3/16" (5 mm) dia. Copper/Aluminum Cable: 15/64" (6 mm) dia. |
| Length | 7 7/8" (200 mm) |
| Weight | .75 lbs. (.34 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------|
| 722 | 19990 | Wire Rope & Cable Cutter |

COMMUNICATIONS AND UNDERGROUND POWER CABLE CUTTING

Gator® ESC105 Battery-Powered Cable Cutter

NEW PRODUCT

AVAILABLE AS
BARE TOOL



18V
Lithium-Ion

LED



- For cutting large diameter underground power and communications cables, including armored cables.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Retraction Stop allows the operator to stop the ram retraction at any point simply by tapping the trigger, and then starting the next cutting cycle from that point saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Scissor-style blades are easy to fit around cables.
- Side handle enhances operator control
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered cutting tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger

SPECIFICATIONS

| | |
|----------------------------------|---|
| Capacity* | 4" dia. (105 mm) Communications, Cu & Al power cables |
| Length | 13-3/4" (604 mm) |
| Height | 22 lbs. (9.9 kg) |
| Battery | 18V, 3.0 Ah, Li-ion |
| Cycles per Battery Charge | 40 |
| Battery Charge Time | 1 hour |

* Not for cutting ACSR, guy strand, or other cables with steel strands

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------------|---------|-------------------------------|
| ESC105L11 | 52145 | Cutter, Cable 120V AC Adapter |
| ESC105L12 | 52146 | Cutter, Cable 12V AC Adapter |
| ESC105L22 | 52147 | Cutter, Cable 230V AC Adapter |
| B ESC105LB | 01142 | ESC105 Bare Cable Cutter |
| 10118 | 10118 | Carrying Case |
| 12274 | 12274 | Carrying Strap |
| 52178 | 52178 | 120V Charger |
| 52179 | 52179 | 230V Charger |
| 52180 | 52180 | 12V Charger |
| 52176 | 52176 | 18V 3.0 Ah Li-ion Battery |

Gator® ESC85L Battery-Powered Cable Cutter

AVAILABLE AS
BARE TOOL

18V
Lithium-Ion



- For cutting large diameter underground power and communications cables.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Retraction Stop allows the operator to stop the ram retraction at any point simply by tapping the trigger, and then starting the next cutting cycle from that point saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Scissor-style blades are easy to fit around cables.
- Side handle enhances operator control
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered cutting tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------------|---------|--------------------------------|
| ESC85L11 | 52119 | Cable Cutter w/120V Charger |
| ESC85L12 | 52120 | Cable Cutter w/12V Charger |
| ESC85L22 | 52121 | Cable Cutter w/230V Charger |
| ESC85L120 | 52122 | Cable Cutter w/120V AC Adapter |
| ESC85L230 | 52123 | Cable Cutter w/230V AC Adapter |
| B ESC85LB | 01143 | ESC85 Bare Cable Cutter |
| R 52176 | 52176 | 18V 3.0 Ah Li-ion Battery |
| R ES85E | 05090 | Cutting Blade (2/tool) |
| R 10118 | 10118 | Carrying Case |
| A 12274 | 12274 | Carrying Strap |
| R 52178 | 52178 | 120V Charger |
| R 52179 | 52179 | 230V Charger |
| 52180 | 52180 | 12V Charger |

SPECIFICATIONS

| | |
|-------------------------------|---|
| Capacity | 3-3/8" dia. (85 mm)* Communications, Cu & Al power cables |
| Length | 21" (533 mm) |
| Height | 14.9 lbs. (6.7 kg) |
| Battery | 18V 3.0 Ah Li-ion |
| Battery Charge Time | 1 hour |
| Est. Cycles per Charge | 90 |

SDK105 Remote Cable Cutter - 4"

NEW PRODUCT



- Easily cuts large diameter underground distribution, armored and communication cables.
- Scissor-style blades are easy to fit around cables and can pick up cables off the ground.
- Two handles provide good control and quick positioning for making cuts.
- 3/8" male screw-type hydraulic coupler.

SPECIFICATIONS

| | |
|-----------------------------------|--|
| Capacity | 4" (105mm) diameter Cu and Al Power Cables Including Soft Steel Armored, Lead Sheathed and Communications Cables |
| Length | 20" (510 mm) |
| Weight | 17 lbs (7.7 kg) |
| Maximum Operating Pressure | 10,000 psi (700 bar) |
| Required Oil Volume | 8.6 in ³ (140 ml) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------|
| SDK105 | 01870 | Remote Cable Cutter - 4" |

Ratchet Communications Cutter



Not for use on ACSR or steel jacketed cable

- This versatile cutter has a specially designed moving blade to handle the larger diameter telephone cable and soft drawn copper and aluminum.
- Cuts up to 2,700 pair 3" telephone cable.
 - Blade release for safety and fast backout.
 - Ratchet lock.
 - Blades are manufactured from high carbon tool steel and heat-treated for long life.
 - Rust-resistant, black oxide finish.

SPECIFICATIONS

| | |
|---------------|-------------------|
| Length | 11-1/2" (287 mm) |
| Weight | 2.8 lbs. (1.3 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| 45240 | 45240 | Telco Ratchet Cutter |
| 45241 | 45241 | Movable Blade |
| 45242 | 45242 | Fixed Blade |


Heavy-Duty Manual Communications Cable Cutter



- Forged and heat-treated blades specially designed for communications cable.
- Easily cuts cables up to 2-1/4" (57 mm) in diameter.
- Makes clean cuts with minimal distortion on lead, rubber, PVC and polyethylene-sheathed cables.
- Blades and handles are replaceable in case of damage.
- Precision-ground, shear-type blades.
- Fiberglass handles with non-slip rubber grips.

SPECIFICATIONS

| | |
|-------------------------|--|
| Cutting Capacity | 2-1/4" (57 mm) Communications Cable (900 pair, 24 AWG) |
| Length | 37" (940 mm) |
| Weight | 7.2 lbs. (3.3 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|---|---------|----------------------------------|
| 765 | 06011 | Heavy-Duty Communications Cutter |
|  05935 | 05935 | Cutter Blade (765) (2 required) |

Greenlee Crimping Tool Capacities

| TOOL TYPE | 4 TON | 4.5 TON (4) | 6 TON | 12 TON (5) | | 15 TON | ROTATING DIE (1) | | | | QUAD-POINT DIELESS | | DIELESS | |
|-----------------------|---------|-----------------|-------------------------------|------------------------------|-----------------------------|------------------|------------------|----------------------|------------------------|---------|-----------------------------|-----------------------------|---------|-------------------|
| | EK410L | K4250 K425BG | EK628L (6) EK622L ECCXL | HK1230 EK1230L HKL1232 | RK1240 HK1240 EK1240L | RK1550 EK1550 | K111 | K05-1GL K05-1SPGL | K09-2GL K09-2.5SPGL | K09-3GL | RK06AT HK06AT EK06ATL | RK06FT HK06FT EK06FTL | 1981 | EK12IDL HK12ID |
| CONNECTOR TYPE | | | | | | | | | | | | | | |
| INDUSTRIAL | | | | | | | | | | | | | | |
| Copper Lugs | | | 8-600 (2) | 8-750 | 8-750 | 8-1500 | 8-1 | 8-1/0 | 8-4/0 | 3/0-400 | 6-500 | 6-750 | 8-250 | 4-1000 |
| Copper Splices | 8-300 | 8-500 | 8-600 (2) | 8-400 | 8-750 | 8-1500 | 8-1 | 8-1/0 | 8-4/0 | 3/0-400 | 6-500 | 6-750 | 8-250 | 4-1000 |
| Aluminum Lugs | 8-2/0 | 8-4/0 | 8-300 (3) | 8-750 | 8-750 | 8-1000 | | | | | 6-400 | 6-750 | 8-4/0 | 6-1000 |
| Aluminum Splices | 8-2/0 | 8-4/0 | 8-300 (3) | 8-400 | 8-750 | 8-1000 | | | | | 6-400 | 6-750 | 8-4/0 | 6-1000 |
| Copper "C" Taps | | 10-2 | 12-2 (4) | 12-400 | 12-400 | 8-1000 | | | | | | | | |
| Aluminum "H" Taps | | | | 6-500 | 6-500 | 6-1000 | | | | | | | | |
| Aluminum Pin | | | | | | | | | | | | | | |
| Adapters | | 6-1/0 | 6-1/0 (3) | 6-500 | 6-750 | 6-750 | | | | | | | | |
| GROUNDING | | | | | | | | | | | | | | |
| Ground Grid | | | | | | | | | | | | | | |
| Connectors | | | 6-3 (4) | 6-500 | 6-500 | 6-500 | | | | | | | | |
| Copper "E" Taps | | | | 6-500 | 6-500 | 6-500 | | | | | | | | |
| OVERHEAD | | | | | | | | | | | | | | |
| 5/8" Service | | | | | | | | | | | | | | |
| Ent. Connectors | 10-1/0 | 10-1/0 | 10-1/0 (4) | 10-1/0 | 10-1/0 | 10-1/0 | | | | | 4-350 | 4-350 | | |
| .840 Service Ent. | | | | | | | | | | | | | | |
| Connectors | 1/0-4/0 | 1/0-4/0 | 1/0-4/0 (4) | 1/0-4/0 | 1/0-4/0 | 1/0-4/0 | | | | | 4-350 | 4-350 | | |
| Aluminum "H" Taps | | 6-4/0 | 6-4/0 (4) | 6-500 | 6-500 | 6-900 | | | | | | | | |
| Copper "H" Taps | | 10-2 | 12-2 (4) | 12-4/0 | 12-4/0 | 12-4/0 | | | | | | | | |
| Copper Tension | | | | | | | | | | | | | | |
| Splice | | 6-2/0 | 6-2/0 (4) | 6-500 | 6-500 | 6-500 | | | | | 6-4/0 | 6-4/0 | | |
| All Aluminum | | | | | | | | | | | | | | |
| Tension Splice | | 6-4/0 | 6-4/0 (4) | 6-587.5 | 6-587.5 | 6-587.5 | | | | | | | | |
| One Piece ACSR | | | | | | | | | | | | | | |
| Tension Splice | | 4-1/0 | 4-1/0 (4) | 4-556.5 | 4-556.5 | 4-556.5 | | | | | 4-477 | 4-477 | | |
| Two Piece ACSR | | | | | | | | | | | | | | |
| Tension Splice | | 2-477 | 2-4/0 (4) | 2-556.5 | 2-556.5 | 2-900 | | | | | | | | |
| Aluminum Jumper | | | | | | | | | | | | | | |
| Splice | | 4-266.8 | 4-266.8 (4) | 4-556.5 | 4-556.5 | 4-795 | | | | | | | | |
| Stirrups | | 2-4/0 | 6-4/0 (4) | 6-500 | 6-500 | 6-500 | | | | | | | | |
| Aluminum Lugs | | 2-1/0 | 4-4/0 (4) | 4-556.5 | 4-556.5 | 4-795 | | | | | | | | |
| Copper Lugs | | 6-1/0 | 1/0-2/0 (4) | 1/0-500 | 1/0-500 | 1/0-500 | | | | | | | | |

Feature Legend of Icons



IntelliCRIMP™
Technology



18V Lithium-Ion
Battery



Automatic
Retraction
Stop



Retraction
Stop Repeat



LED Work
Light



Battery
LED Monitor



Crimping
Force in
TONS

DIELESS

Crimping Tool
that does not
require die set

DIE-TYPE CRIMPING

Gator® Battery-Powered 4-Ton Crimping Tool

AVAILABLE AS
BARE TOOL

CLASSIFIED
UL US

IntelliCRIMP

18V
Lithium-Ion

LED



4-TON
EK410L



- Intelligent Crimping System Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control
- One trigger controls all tool functions.
- Crimping head rotates 350°
- Tools automatically retract when the crimping or cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Used with Greenlee KC4, KA4 and KD4 crimping dies.
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger

SPECIFICATIONS

| | |
|-------------------------------|--|
| Capacity | 8 AWG to 300 kcmil (MCM) copper color-coded connectors 8 AWG to 2/0 AWG aluminum color-coded connectors 5/8" service entrance connectors 8/40 service entrance connectors |
| Crimping Force | 7,900 lb. (35 kN) |
| Length | 13-1/4" (337 mm) |
| Width | 2-7/8" (73 mm) |
| Weight | 4 lbs. (1.8 kg) |
| Crimp Cycle Time | ~4 seconds |
| Battery | 18V 1.5 Ah Li-ion |
| Battery Charge Time | 30 minutes |
| Est. Cycles per Charge | 200 |

Crimping dies on page 258

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|---|
| EK410L11 | 52089 | 4-Ton Battery-Powered Crimping Tool, 120V Charger |
| EK410L12 | 52090 | 4-Ton Battery-Powered Crimping Tool, 12V Charger |
| EK410L22 | 52091 | 4-Ton Battery-Powered Crimping Tool, 230V Charger |
| EK410L120 | 52092 | 4-Ton Crimping Tool w/120V AC Adapter |
| EK410L230 | 52101 | 4-Ton Crimping Tool w/230V AC Adapter |
| EK410LB | 01144 | EK410 Bare Crimp Tool, 4T |
| 52177 | 52177 | 18V 1.5 Ah Li-ion |
| 25752 | 25752 | Carrying Case |
| 52178 | 52178 | 120V Charger |
| 52179 | 52179 | 230V Charger |
| 52180 | 52180 | 12V Charger |

*UL and cUL classified with Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® copper and aluminum color-coded connectors. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

EK628L Battery-Powered 6-Ton Crimping Tool

AVAILABLE AS
BARE TOOL

CLASSIFIED
UL US

IntelliCRIMP™

18V
Lithium-Ion

LED



6-TON
EK628L



- Intelligent Crimping System Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control
- One trigger controls all tool functions.
- Crimping head rotates 350°
- Tools automatically retract when the crimping or cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger
- Equipped with CJ22 crimping jaws that accept Greenlee KC22 and KA22 series crimping dies.
- When equipped with optional CJD3 crimping jaws, can be used with all industry "W" style crimping dies & Greenlee KD6 series dies.
- When equipped with optional CJK crimping jaws, can be used with Thomas & Betts "6-Ton" crimping dies.

*UL and cUL classified from 8 AWG to 600 kcmil with Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® copper code color-coded connectors when used with Greenlee KC22 crimping dies. Not for use with Burndy 400, 500 or 600 kcmil splices and Penn-Union 600 kcmil splices. UL & cUL classified from 8 AWG to 350 kcmil (MCM) with Anderson, Blackburn®, Burndy, ILSCO, Panduit, Thomas & Betts, and Penn-Union aluminum code color-coded connectors when used with Greenlee KA22 crimping dies.

SPECIFICATIONS

| | |
|-------------------------------|--|
| Capacity* | 8AWG to 600 kcmil copper color-coded connectors 8AWG to 350 kcmil aluminum color-coded connectors |
| Crimping Force | 12,000 lbs (53 kN) |
| Length | 18-1/2" (470 mm) |
| Width | 2-7/8" (73 mm) |
| Weight | 6 lbs. (2.7 kg) |
| Battery | 18V 1.5 Ah Li-ion |
| Crimp Cycle Time | ~6 seconds |
| Battery Charge Time | 30 minutes |
| Est. Cycles per Charge | 150 |

Crimping dies on page 259

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------------|---------|--|
| EK628L11 | 52102 | EK628L crimping tool w/120 V battery charger |
| EK628L12 | 52103 | EK628L crimping tool w/12 V battery charger |
| EK628L22 | 52104 | EK628L crimping tool w/230 V battery charger |
| EK628L120 | 52105 | EK628L Crimping Tool w/120V AC Adapter |
| EK628L230 | 52106 | EK628L Crimping Tool w/230V AC Adapter |
| B EK628LB | 01145 | EK628 Bare Crimp Tool, 6T |
| A K22S1GL | 03078 | Die Kit for 8 AWG-600 kcmil Copper Connectors (Includes all copper die sets listed below and carrying case) |
| A KD06AL | 01631 | Die Kit for 8 AWG-350 kcmil Aluminum Connectors (Includes all aluminum die sets listed below and carrying case) |
| A CJD3 | 03242 | Crimping jaw unit- "W" dies |
| A CJK | 04829 | Crimping jaw unit- Thomas & Betts "6-Ton" dies |
| R 25752 | 25752 | Carrying Case |
| R 52177 | 52177 | 18V 1.5 Ah Li-ion |
| R 52178 | 52178 | 120V Charger |
| R 52179 | 52179 | 230V Charger |
| R 52130 | 52130 | 12V Charger |

Gator® Battery-Powered and Corded 6-Ton Crimping Tools



6-TON
EK622L



- Intelligent Crimping System Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control
- One trigger controls all tool functions.
- Crimping head rotates 350°
- Tools automatically retract when the crimping or cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Accepts Greenlee KC22 and KA22 series crimping dies.
- Includes 04292 die adapters which can be used with all industry "W" style crimping dies and Greenlee KD6 style dies.
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger

SPECIFICATIONS

BATTERY POWERED

| | |
|-------------------------------|---|
| Capacity | Color-coded copper lugs and splices, 600 kcmil (MCM). Color-coded aluminum lugs and splices, 350 kcmil (MCM). For capacity with other types of connectors, see chart on page 245 |
| Crimping Force | 12,000 lb (53 kN) |
| Length | 15-3/4" (438 mm) |
| Weight | 6.5 lbs. (3 kg) |
| Battery | 18V 1.5 Ah Li-ion |
| Battery charge time | 30 minutes |
| Est. Cycles per Charge | 100 |

Crimping dies on page 259

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|---|
| EK622L11 | 52084 | 6-Ton Battery-Powered Crimping Tool 120 V charger |
| EK622L12 | 52085 | 6-Ton Battery-Powered Crimping Tool 12 V charger |
| EK622L22 | 52086 | 6-Ton Battery-Powered Crimping Tool 230 V charger |
| EK622L120 | 52087 | 6-Ton Crimping Tool w/120V AC Adapter |
| EK622L230 | 52088 | 6-Ton Crimping Tool w/230V AC Adapter |
| EK622LB | 01146 | EK622 Bare Crimp Tool, 6T |
| 52177 | 52177 | 18V 1.5 Ah Li-ion |
| 25752 | 25752 | EK622L Carrying Case |
| 12274 | 12274 | Carrying Strap |
| 04292 | 04292 | Die Adapter for "W" Type Dies |
| 52178 | 52178 | 120V Charger |
| 52179 | 52179 | 230V Charger |
| 52180 | 52180 | 12V Charger |

*UL and cUL classified with Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® copper lugs and splices to 600 kcmil (MCM) and with aluminum lugs & splices to 350 kcmil (MCM). The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

Gator® 12-Ton Battery-Powered Crimping Tools

AVAILABLE AS
BARE TOOL

CLASSIFIED
cUL US

IntelliCRIMP

ARS

18V
Lithium-Ion

LED



EK1230L



EK1240L



EK1240CL



EK1240KL

SPECIFICATIONS

| | |
|-------------------------------|---|
| Capacity* | EK1230L & EK1240L – 8 AWG to 750 kcmil copper color-coded lugs and splices See crimping tool capacity chart on page 245, for additional capacities EK1240K – ACSR terminals 1033 kcmil (MCM), ACSR tension fittings 477 kcmil (MCM) |
| Crimping Force | 24,000 lb (106 kN) |
| Length | EK1230L – 15-1/2" (394 mm); EK1240L – 16-1/4" (413 mm); |
| Weight | EK1230L – 14.5 lbs (6.6 kg) EK1240L – 15 lbs. (6.8 kg) EK1240KL – 15 lbs. (6.8 kg) |
| Battery | 18V 3.0 Ah Li-ion |
| Est. Cycles per Charge | 90 |

Crimping dies on page 260

* EK1230 and EK1240 are UL and cUL classified with Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® copper and aluminum color-coded lugs and splices when used with Greenlee KC12 and KA12 crimping dies. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

- Intelligent Crimping System Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Automatic Retraction Stop (ARS) which retracts the ram just enough to get ready for the next cycle saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Crimping head rotates 350°
- Tools automatically retract when the crimping cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger
- Three crimping head choices: EK1230L with 1.20" (30mm) opening uses Greenlee KC12, KA12 & KD12 crimping dies plus all industry "U" style crimping dies, EK1240L with 1.65" (42mm) opening uses Greenlee KC12, KA12 & KD12 crimping dies plus all industry "U" style crimping dies, E K1240KL uses Kearney PH2 style crimping dies.
- Covered head models have two layers of PVC that total approximately 3/16" (4.8 mm) thick. The outer layer is black and the inner layer is red.
- U.S. Patents #6,206,663 and #6,065,326

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------|---------|---|
| EK1230L11 | 52068 | 12-Ton Battery-Powered Crimping Tool, 1.2" (30 mm) opening, 120 V Charger |
| EK1230L12 | 52069 | 12-Ton Battery-Powered Crimping Tool, 1.2" (30 mm) opening, 12 V Charger |
| EK1230L22 | 52070 | 12-Ton Battery-Powered Crimping Tool, 1.2" (30 mm) opening, 230 V Charger |
| EK1230L120 | 52071 | 12-Ton Crimping Tool w/120V AC Adapter |
| EK1230L230 | 52072 | 12-Ton Crimping Tool w/230V AC Adapter |
| EK1230LB | 01154 | EK1230 Bare Crimper, 30mm |
| EK1240L11 | 10227 | 12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, 120 V Charger |
| EK1240L12 | 10229 | 12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, 12 V Charger |
| EK1240L22 | 10231 | 12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, 230 V Charger |
| EK1240L120 | 10234 | 12-Ton Crimping Tool w/120V AC Adapter |
| EK1240L230 | 10237 | 12-Ton Crimping Tool w/230V AC Adapter |
| EK1240LB | 01155 | EK1240 Bare Crimper, 40mm |
| EK1240CLB | 01156 | EK1240 Bare Crimper, 40mm PVC COV |
| EK1240KLB | 01157 | EK1240 Bare Crimper, Kearney |
| EK1240CL11 | 52043 | 12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, PVC covered, 120 V Charger |
| EK1240CL12 | 52044 | 12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, PVC covered, 12 V Charger |
| EK1240CL22 | 52045 | 12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, PVC covered, 230 V Charger |
| EK1240CL120 | 52046 | 12-Ton Crimping Tool w/120V AC Adapter |
| EK1240CL230 | 52047 | 12-Ton Crimping Tool w/230V AC Adapter |
| EK1240KL11 | 12566 | 12-Ton Battery-Powered Crimping Tool, Kearney head, 120 V Charger |
| EK1240KL12 | 12567 | 12-Ton Battery-Powered Crimping Tool, Kearney head, 12 V Charger |
| EK1240KL22 | 12569 | 12-Ton Battery-Powered Crimping Tool, Kearney head, 230 V Charger |
| EK1240KL120 | 12568 | 12-Ton Crimping Tool w/120V AC Adapter |
| R 52176 | 52176 | 18V 3.0 Ah Li-ion Battery |
| R 10118 | 10118 | EK1230L & EK1240L Carrying Case |
| A 12274 | 12274 | Carrying Strap |
| R 52178 | 52178 | 120V Charger |
| R 52179 | 52179 | 230V Charger |
| R 52180 | 52180 | 12V Charger |

12-Ton Manual Hydraulic Crimping Tools



- Two crimping head choices: HK1230 with 1.20" (30 mm) opening, and HK1240 with 1.65" (42 mm) opening.
- Both heads accept Greenlee KC12, KA12 and KD12 crimping dies as well as industry "U" style dies.
- New head designs result in lower weight and improved durability – tested to 50,000 crimp cycles.
- Two-speed pump to reduce cycle time.
- Ram automatically retracts when crimp cycle is complete – a Greenlee exclusive.
- Crimping heads rotate 360°.
- Smaller and lighter than competitive tools.
- Covered head models have two layers of PVC that total approximately 3/16" (4.8 mm) thick. The outer layer is black and the inner layer is red.
- Includes carrying case.
- U.S. Patent #6,206,663.

SPECIFICATIONS

| | |
|-----------------------|---|
| Capacity* | HK1230 & HK1240 – 8 AWG to 750 kcmil copper color-coded lugs and splices. See crimping tool capacity chart on pg. 245; |
| Crimping Force | 24,000 lbs (106 kN) |
| Length | HK1230 – 20-3/8" (518 mm); HK1240 – 21-1/2" (546 mm); |
| Weight | HK1230 – 12.2 lbs (5.5 kg) HK1240 – 13.2 lbs (6.0 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| HK1230 | 06426 | 12-Ton Hydraulic Crimping Tool, 1.2" (30 mm) opening |
| HK1230C | 07199 | 12-Ton Hydraulic Crimping Tool, 1.2" (30 mm) opening, PVC covered |
| HK1240 | 06427 | 12-Ton Hydraulic Crimping Tool, 1.65" (42 mm) opening |
| HK1240C | 07202 | 12-Ton Hydraulic Crimping Tool, 1.65" (42 mm) opening, PVC covered |

Crimping dies on page 260

**HK1230 and HK1240 are UL and cUL classified with Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Penn-Union and Thomas & Betts copper and aluminum color-coded lugs and splices when used with Greenlee KC12 and KA12 crimping dies. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.*

12-Ton Manual Hydraulic Crimping Tool



- Two-speed ram advances fast and shifts to lower speed to complete the crimp.
- Strong, lightweight fiberglass handles.
- Push button permits dies to be inserted and removed easily.
- The "C" style head has a 1.4" (32 mm) opening for easy placement on connectors.
- Tool is supplied in a durable, molded plastic carrying case.
- Accepts Greenlee KC12, KA12 and KD12 as well as Industry "U" style dies.

SPECIFICATIONS

| | |
|-----------------------|--|
| Capacity* | 8 AWG to 750 kcmil copper color-coded lugs and splices. See crimping tool capacity chart on page 245 for additional capacities. |
| Crimping Force | 24,000 lbs (106 kN) |
| Length | 24-1/4" (616 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| HKL1232 | 23521 | 12-Ton Hydraulic Crimping Tool, 1.4" (32 mm) opening |

Crimping dies on page 260

**UL and cUL is classified with Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Penn-Union and Thomas & Betts copper and aluminum color-coded lugs and splices when used with Greenlee KC12 and KA12 crimping dies. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.*

990 Hydraulic Pump

NEW
PRODUCT



990 Hydraulic Pump shown with SDK105 4" Cable Cutter (sold separately)

- Pendant on a 15 foot (4.572 m) cord allows the operator freedom to operate the pump remotely
- Pump automatically stops at 10,000 psi (700 bar) to alert operator that the cycle is complete
- Operates on 120V, 15 amp circuit
- Advance and Hold function

SPECIFICATIONS

| | | |
|----------------------------|--|--------------------------------------|
| Weight | 32-1/2 lbs. (14.7 kg) | |
| Reservoir Capacity: | 3.2 qt (3 l) | |
| Size: | 9.6" L x 6.3" W x 13.8" H (244 mm L x 160 mm W x 250 mm H) | |
| Motor: | 3/4 HP Heavy Duty | |
| Oil Delivery: At | At 200 psi: | 159 in ³ /min (2.6 l/min) |
| | 10,000 psi: | 19 in ³ /min (0.32 l/min) |
| Power Source: | 120 VAC, 15 Amp | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------|
| 990 | 89912 | 990 Hydraulic Pump, 120V |

12-Ton Remote-Powered Crimping Heads



RK1240



RK1240C

- Use Greenlee KC12, KA12 and KD12 crimping dies as well as industry "U" type dies
- Crimping head has 1.65" (42 mm) opening.
- New head designs result in lower weight and improved durability – tested to 50,000 crimp cycles.
- Boss included on each crimping head for use with hotsticks.
- Easy to get into tight locations, light weight makes them excellent choices for hotstick use.
- Single-acting tools require an external hydraulic pump capable of 10,000 psi (700 bar).
- Equipped with a 3/8" male screw-type coupler.
- Capable of crimping a wide range of lugs, C-taps, H-taps and overhead tension sleeves.
- Covered head models have two layers of PVC that total approximately 3/16" (4.8 mm) thick. The outer layer is black and the inner layer is red.
- Includes carrying case.
- Intellicrimp™ features available when used with Greenlee EHP700L.
- See pages 100, 223, and 251 for hose and pump selection.

SPECIFICATIONS

| | |
|--------------------------------|---|
| Capacity* | 8 AWG to 750 kcmil copper color-coded lugs and splices. See crimping tool capacity chart on pg. 245 for additional capabilities |
| Crimping Force | 24,000 lbs (106 kN) |
| Length | 11-7/8" (302 mm) |
| Weight | RK1240 – 9.7 lbs. (4.4 kg) |
| Max. Operating Pressure | 10,000 psi (700 bar) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| RK1240 | 05351 | 12-Ton Remote-Powered Crimping Head, 1.65" (42 mm) opening |
| RK1240C | 07205 | 12-Ton Remote-Powered Crimping Head, 1.65" (42 mm) opening, PVC covered |

Crimping dies on page 260

*RK1240 are UL and cUL classified with Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Penn-Union and Thomas & Betts copper and aluminum color coded lugs and splices when used with Greenlee KC12 and KA12 crimping dies. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

Gator® Battery-Powered 15-Ton Crimping Tool

AVAILABLE AS
BARE TOOL

CLASSIFIED
cUL US

IntelliCRIMP™

ARS

18V
Lithium-Ion

LED



EK1550L11

15-TON

- Intelligent Crimping System Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Automatic Retraction Stop (ARS) which retracts the ram just enough to get ready for the next cycle saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Crimping head rotates 350°
- Tools automatically retract when the crimping cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger
- Interchangeable adapters permit the use of a wide variety of crimping dies. Accepts Kearney PH4/P14 dies without adapter.
- Assist handle is included to provide better balance for the tool

SPECIFICATIONS

BATTERY POWERED

| | |
|-------------------------------|---|
| Capacity | Color-coded copper lugs and splices, 8 AWG to 1000 kcmil (MCM). Color-coded aluminum lugs and splices, 8 AWG to 1000 kcmil (MCM). |
| Crimping Force | 30,000 lb (134 kN) |
| Length | 19-5/8" (498 mm) |
| Height | 15" (381 mm) |
| Weight | 19 lbs. (8.5 kg) |
| Battery | 18 V, 3.0 Ah, Li-ion |
| Battery Charge Time | 1 hour |
| Est. Cycles per Charge | 50 |

*EK1550L tools are UL and cUL classified with Anderson, Blackburn, Burndy, ILSCO, Panduit, Penn-Union and Thomas & Betts copper and aluminum color coded lugs and splices when used with 48802 die adapters and with Greenlee KC12 and KA12 crimping dies. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------------|---------|---|
| EK1550L11 | 52150 | 15-Ton Battery-Powered Crimping Tool w/120 V charger |
| EK1550L12 | 52151 | 15-Ton Battery-Powered Crimping Tool w/12 V charger |
| EK1550L22 | 52152 | 15-Ton Battery-Powered Crimping Tool w/230 V charger |
| EK1550L120 | 52152 | 15-Ton Battery-Powered Crimping Tool w/120 V AC Adapter |
| EK1550L230 | 52154 | 15-Ton Battery-Powered Crimping Tool w/230 V AC Adapter |
| B EK1550FTLUB | 01148 | EK1550FT Bare Crimp Tool, 15T |
| B EK1550LB | 01149 | EK1550 Bare Crimp Tool, 15T |
| A 48820 | 48820 | Die Adapters - Burndy P dies (Y46), IlSCO ILD-P dies |
| A 48788 | 48788 | Die Adapters - T&B 15600 dies, Blackburn 15600 dies |
| A 48802 | 48802 | Die Adapters - Greenlee 12-Ton dies, Burndy 12-Ton dies, IlSCO ILD dies, T&B 15500 dies, Blackburn 15500 dies |
| A 48824 | 48824 | Die Adapters - Kearney PH2/WH2 |
| A 12274 | 12274 | Carrying Strap |
| R 52176 | 52176 | 18 V, 3.0 Ah, Li-ion Battery |
| R 10118 | 10118 | Carrying Case |
| R 52178 | 52178 | 120V Charger |
| R 52179 | 52179 | 230V Charger |
| R 52180 | 52180 | 12V Charger |

15-Ton Crimping Tool



- Interchangeable adapters permit the use of a wide variety of die types for all common crimping applications.
- Accepts Kearney PH4/PH14 dies without adapters.
- Zinc-plated head resists corrosion better than other finishes.
- Hot stick attachment point is standard.
- Operates with most 10,000 psi (700 bar) hydraulic sources.
- Equipped with 3/8" male screw-type 10,000 psi (700 bar) coupler.
- Includes carrying case.
- Intellicrimp™ features available when used with Greenlee EHP700L.
- See pages 100, 223, and 251 for hose and pump selection.

SPECIFICATIONS

| | |
|---|---|
| Capacity* | Color-Coded copper lugs and splices: #8 to 1500 kcmil (MCM) Color-Coded aluminum lugs and splices: #8 to 1000 kcmil (MCM) For other connector types, see the capacity chart on page 245 |
| Crimping Force at 10,000 psi (700 bar) | 30,000 lbs (133 kN) |
| Length | 15" (380 mm); |
| Width | 3" (76 mm) |
| Height | 5-3/8" (135 mm) |
| Weight | 14.1 lbs. (6.4 kg) |
| Operating Pressure | 10,000 psi (700 bar) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| RK1550 | 05353 | 15-Ton Single-Acting Remote-Powered Crimping Tool |
| 48820 | 48820 | Die Adapters – Burndy P dies (Y46), IlSCO ILD-P dies |
| 48788 | 48788 | Die Adapters – T&B 15600 dies, Blackburn 15600 dies |
| 48802 | 48802 | Die Adapters – Greenlee U dies, Burndy U dies, IlSCO ILD dies, T&B 15500 dies, Blackburn 15500 dies |
| 48824 | 48824 | Die Adapters – Kearney PH2/WH2 dies |

*UL and cUL classified with Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Penn-Union and Thomas & Betts copper and aluminum color-coded lugs and splices up to 750kcmil using 48802 die adapters when used with Greenlee KC12 and KA12 crimping dies. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

Crimping Tool 8-1 AWG



- Small size and light weight make this an ideal tool for crimping small lugs and splices.
- Easily fits in tool pouches.
- Full-cycle mechanism assures that crimps are complete.
- Jaws can be opened in mid-cycle if necessary to adjust connector.
- Wide grips make crimping easy on the hands.

SPECIFICATIONS

| | |
|------------------|---|
| Capacity* | 8 AWG – 1 AWG copper color-coded connectors |
| Length | 10" (273 mm) |
| Weight | 1.4 lbs. (0.6 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------|
| K111 | 10763 | Crimping Tool |

*UL and cUL classified with Anderson, Blackburn, Burndy, ILSCO, Panduit, Penn-Union and Thomas & Betts copper color-coded connectors. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

K-Series Crimping Tool 8-1/0 AWG



- Crimps smaller copper connectors.
- Small, light weight, easy to handle.
- Easy to get in tight locations.
- Color-coded, hexagonal rotating dies.
- Full cycle mechanism releases only after full crimp cycle is completed.

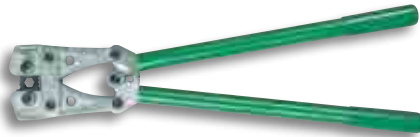
SPECIFICATIONS

| | |
|------------------|------------------------|
| Capacity* | 8 AWG – 1/0 AWG Copper |
| Length | 15.4" (390 mm) |
| Weight | 2.4 lbs. (1.1 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-------------------------------------|
| K05-1GL | 02624 | Crimping Tool |
| K05-1SPGL | 02625 | Crimping Tool, full cycle mechanism |
| R 02694 | 02694 | Die Set |

*UL and cUL classified with Anderson, Blackburn, Burndy, ILSCO, Panduit, Thomas & Betts and Penn-Union copper connectors. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

K-Series Crimping Tool 8-4/0 AWG



- Crimps all the popular small to mid-range copper connector sizes.
- Long length results in low handle efforts.
- Color-coded, hexagonal rotating dies.
- Full cycle mechanism releases only after full crimp cycle is completed.

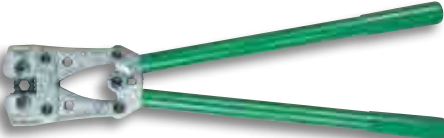
SPECIFICATIONS

| | |
|------------------|------------------------|
| Capacity* | 8 AWG – 4/0 AWG Copper |
| Length | 25.5" (650 mm) |
| Weight | 6.4 lbs. (2.9 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-------------------------------------|
| K09-2GL | 02628 | Crimping Tool |
| K09-2SPGL | 02629 | Crimping Tool, full cycle mechanism |
| R 02912 | 02912 | Die Set |

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K-Series Crimping Tool 3/0-400



- Crimps the larger copper connector sizes all the way to 400 kcmil (MCM).
- Color-coded, hexagonal rotating dies.

SPECIFICATIONS

| | |
|------------------|----------------------------------|
| Capacity* | 3/0 AWG – 400 kcmil (MCM) Copper |
| Length | 25.5" (650 mm) |
| Weight | 6.4 lbs. (2.6 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---------------|
| K09-3GL | 02630 | Crimping Tool |
| R 02913 | 02913 | Die Set |

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Manual Crimping Tool



K425BG

- Designed for crimping a wide range of overhead service entrance connections, overhead splices, and overhead taps.
- Easy-to-use MD-6 type "pop" tool.
- K425 tools are equipped with D, die groove and either "BG" or "O" die groove.
- K425K tools are equipped with a die groove for Kearney® "O" dies and either a 5/8" or "O" die groove
- The D, die groove serves as a die seat for all Greenlee KD6 and industry "W" type dies. Page 259.
- Bent fiberglass handles provide a solid grip, good leverage and better durability than wood.
- Teflon-impregnated bushings at pivot joints provide smooth operation and long life.
- Complete crimps are assured with an over-center cam mechanism.
- Tool can easily be checked visually for proper adjustment and can be adjusted with Allen wrenches.

SPECIFICATIONS

| | |
|-----------------------|--------------------------------|
| Capacity* | See capacity chart on page 245 |
| Crimping Force | 9,000 lb. (40 kN) |
| Length | 25-3/8" (645 mm) |
| Weight | 7.1 lbs. (3.2 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| K4250 | 02064 | Crimping Tool with D, and O die grooves |
| K425BG | 02065 | Crimping Tool with D, and BG die grooves |
| K425K58 | 08160 | Crimping Tool with Kearney® O and 5/8 die grooves |
| K425KO | 08161 | Crimping Tool with Kearney® D and O die grooves |

DIELESS CRIMPING

Gator® Battery-Powered Quad-Point Dieless Crimping Tools

AVAILABLE AS
BARE TOOL

CLASSIFIED
UL US

IntelliCRIMP™

18V
Lithium-Ion

LED

DIELESS

6.2-TON



EK06ATL



EK06FTL

- Intelligent Crimping System Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Automatic Retraction Stop (ARS) which retracts the ram just enough to get ready for the next cycle saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Crimping head rotates 350°
- Tools automatically retract when the crimping cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life.
- Utilizes four indentors to make the crimp.
- Flip-top style uses a pull pin to open head for easy removal from the connector.
- U.S. Patents #6,206,663 and #6,065,326
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger.

SPECIFICATIONS BATTERY POWERED

| | |
|----------------------------|---|
| Capacity* | See crimping tool capacity chart on page 245 |
| Crimping Force | 12,400 lbs (55 kN) |
| Length | EK06ATL & EK06ATCL – 14" (355 mm) EK06FTL – 14-7/8" (378 mm) |
| Weight | EK06ATL & EK06ATCL – 12 lbs. (5.4 kg) EK06FTL – 11 lbs. (5 kg) |
| Battery | 18V 3.0 Ah Li-ion |
| Battery Charge Time | 1 hour |

*FT tools are UL and cUL classified with #4AWG – 750 kcmil (MCM) copper color-coded connectors and #6AWG – 750 kcmil (MCM) aluminum color-coded connectors of the following brands: Anderson, Blackburn, FCI Burndy, IlSCO, Panduit, Penn-Union, and Thomas & Betts.

AT tools are UL and cUL classified with #4 – 500 kcmil (MCM) copper color-coded connectors of the following brands: Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Penn-Union, & Thomas & Betts.

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| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------------|---------|---|
| EK06ATL11 | 52053 | Quad-Point Battery-Powered Crimping Tool, Open Head Dieless, 120 V Charger |
| EK06ATL12 | 52054 | Quad-Point Battery-Powered Crimping Tool, Open Head Dieless, 12 V Charger |
| EK06ATL22 | 52055 | Quad-Point Battery-Powered Crimping Tool, Open Head Dieless, 230 V Charger |
| EK06ATL120 | 52056 | Quad-Point Crimping Tool w/120V AC Adapter |
| EK06ATL230 | 52057 | Quad-Point Crimping Tool w/230V AC Adapter |
| B EK06ATLB | 01158 | EK06AT Bare Dieless Crimper |
| EK06ATCL11 | 52058 | Quad-Point Battery-Powered Crimping Tool, Open Rubber Covered Head Dieless, 120 V Charger |
| EK06ATCL12 | 52059 | Quad-Point Battery-Powered Crimping Tool, Open Rubber Covered Head Dieless, 12 V Charger |
| EK06ATCL22 | 52060 | Quad-Point Battery-Powered Crimping Tool, Open Rubber Covered Head Dieless, 230 V Charger |
| EK06ATCL120 | 52061 | Quad-Point Crimping Tool w/120V AC Adapter |
| EK06ATCL230 | 52062 | Quad-Point Crimping Tool w/230V AC Adapter |
| EK06FTL11 | 52063 | Quad-Point Battery-Powered Crimping Tool, Flip-Top Head Dieless, 120 V Charger |
| EK06FTL12 | 52064 | Quad-Point Battery-Powered Crimping Tool, Flip-Top Head Dieless, 12 V Charger |
| EK06FTL22 | 52065 | Quad-Point Battery-Powered Crimping Tool, Flip-Top Head Dieless, 230 V Charger |
| EK06FTL120 | 52066 | Quad-Point Crimping Tool w/120V AC Adapter |
| EK06FTL230 | 52067 | Quad-Point Crimping Tool w/230V AC Adapter |
| B EK06FTLB | 01159 | EK06FT Bare Dieless Crimper |
| R 52176 | 52176 | 18V 3.0 Ah Li-ion |
| R 10118 | 10118 | Carrying Case |
| R 12274 | 12274 | Carrying Strap |
| R 52178 | 52178 | 120V Charger |
| R 52179 | 52179 | 230V Charger |
| R 52180 | 52180 | 12V Charger |

Manual Hydraulic Quad-Point Dieless Crimping Tools



HK06AT



HK06FT

*FT tools are UL and cUL classified with #4AWG – 750 kcmil (MCM) copper color-coded connectors and #6AWG – 750 kcmil (MCM) aluminum color-coded connectors of the following brands: Anderson, Blackburn, FCI Burndy, IlSCO, Panduit, Penn-Union, and Thomas & Betts.

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- Utilizes four indentors to make the crimp.
- Two-speed pump advances the ram quickly to start the crimp, reducing crimp completion time. The ram automatically retracts after the crimp is complete.
- Flip-top style uses a pull pin to open head for easy removal from the connector.
- Compact, featuring a 360° rotating head.
- Includes carrying case, test gauge and test slugs.
- U.S. Patents #6,206,663 and #6,065,326.

SPECIFICATIONS

| | |
|------------------|---|
| Capacity* | See crimping tool capacity chart on page 245. |
| Length | HK06AT – 20-3/4" (525 mm) HK06FT – 21-1/16" (535 mm) |
| Weight | 9.0 lbs. (4.1 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| HK06AT | 06065 | Hydraulic Quad-Point Crimping Tool, Open Head Dieless |
| HK06FT | 06196 | Hydraulic Quad-Point Crimping Tool, Flip-Top Dieless |

Quad-Point Dieless Remote-Powered Crimping Heads



RK06FT



RK06AT

- Utilizes four indentors to make the crimp.
- Operates from 10,000 psi (700 bar) hydraulic pumping sources.
- Small and lightweight for difficult-to-reach locations.
- Equipped with 3/8 in. male screw-type couplers.
- Flip-top style uses a pull pin to open head for easy removal from the connector.
- Includes carrying case, test gauge and test slugs.
- See pages 100, 223, and 251 for hose and pump selection.

SPECIFICATIONS

| | |
|-----------------------|--|
| Capacity* | See crimping tool capacity chart on page 245. |
| Crimping Force | 6.2 tons (55 kN) |
| Length | RK06AT – 10" (254 mm); RK06FT – 10-1/2" (267 mm) |
| Weight | 6.2 lbs. (2.8 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| RK06AT | 06066 | Remote Powered Quad-Point Crimping Tool, Open Head Dieless |
| RK06FT | 06197 | Remote Powered Quad-Point Crimping Tool, Flip-Top Head Dieless |

*FT tools are UL and cUL classified with #4AWG – 750 kcmil (MCM) copper color-coded connectors and #6AWG – 750 kcmil (MCM) aluminum color-coded connectors of the following brands: Anderson, Blackburn, FCI Burndy, IlSCO, Panduit, Penn-Union, and Thomas & Betts.

AT tools are UL and cUL classified with #4 – 500 kcmil (MCM) copper color-coded connectors of the following brands: Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Penn-Union, & Thomas & Betts.

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Gator® Dieless Crimping Tools

AVAILABLE AS
BARE TOOL

CLASSIFIED
cUL US

IntelliCRIMP™

ARS

18v
Lithium-Ion

LED

DIELESS

12-TON

SPECIFICATIONS

EK12IDL

| | |
|-----------------------------|--|
| Crimping Force: | 24,000 lbs. (106 kN) |
| Length | 16 1/2" (420 mm) |
| Height | 14 1/2" (368 mm) |
| Weight | 15 lbs (6.8 kg) |
| Battery | 18V 3.0 Ah Li-ion |
| Battery Charge Time: | 1 hour |
| Capacity* | <ul style="list-style-type: none"> • Copper Color Coded Lugs and Splices: 4 AWG to 1000 kcmil* • Aluminum Color Coded Lugs and Splices: 6 AWG to 1000 kcmil* |



EK12IDL

- Dieless indent style crimping head does not require interchangeable crimping dies.
- Intelligent Crimping System Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Automatic Retraction Stop (ARS) which retracts the ram just enough to get ready for the next cycle saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Crimping head rotates 350°
- Tools automatically retract when the crimping cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life.
- Flip open crimping head will allow crimping of 4 AWG - 1000 kcmil copper or 6 AWG - 1000 kcmil aluminum with no dies to change.
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------------|---------|--|
| EK12IDL11 | 52048 | Battery-Powered Dieless Crimping Tool, 115 V Battery Charger |
| EK12IDL12 | 52049 | Battery-Powered Dieless Crimping Tool, 12 V Battery Charger |
| EK12IDL22 | 52050 | Battery-Powered Dieless Crimping Tool, 230 V Battery Charger |
| EK12IDL120 | 52051 | Crimping Tool w/120V AC Adapter |
| EK12IDL230 | 52052 | Crimping Tool w/230V AC Adapter |
| B EK12IDLB | 01128 | EK12ID Bare Dieless Crimper |
| A 12274 | 12274 | Carrying Strap |
| R 52178 | 52178 | 120V Charger |
| R 52179 | 52179 | 230V Charger |
| R 52180 | 52180 | 12V Charger |
| R 52176 | 52176 | 18V 3.0 Ah Li-ion Battery |
| R 10118 | 10118 | EK12IDL Carrying Case |

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Hand Hydraulic Dieless Crimping Tool

CLASSIFIED
cUL US



- Dieless indent style crimping head does not require interchangeable crimping dies
- Crimping head rotates 350° to get into tight locations
- Two-speed pump provides rapid crimping cycle time.
- Lightweight and strong fiberglass handles
- Comes with a molded carrying case

SPECIFICATIONS

| | |
|---|--|
| Overall Length | 26" (657mm) |
| Crimping Head Width: | 4-3/8" (111 mm) |
| Weight | 15 lb. (7 kg) |
| Crimping Range: | Aluminum - 6 AWG to 1000 kcmil Copper - 4 AWG to 1000 kcmil |
| Copper Color Coded Lugs And Splices: | 4 AWG to 1000 kcmil* |
| Aluminum Color Coded Lugs and Splices: | 6 AWG to 1000 kcmil* |

*UL and cUL Classified with Anderson, Burndy, Blackburn, IlSCO, Panduit, Penn-Union, Thomas & Betts, and Tyco connectors

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------------------|
| HK12ID | 10107 | Hand Hydraulic Dieless Crimping Tool |

Indentor Crimping Tool



- Simple screw adjustment for connector size.
- Forged body and handle for durability.

SPECIFICATIONS

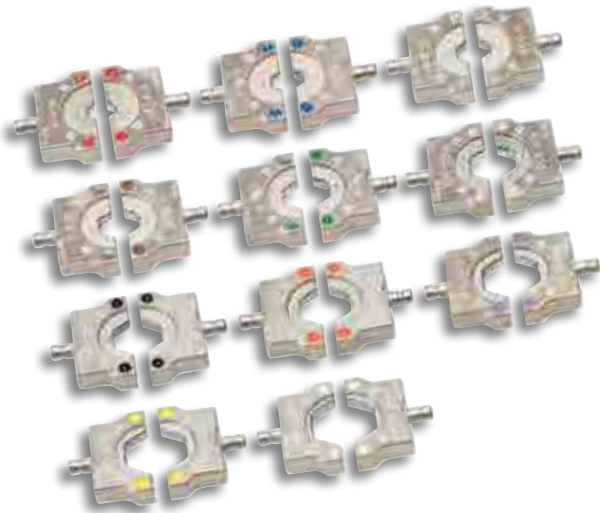
| | |
|------------------|--|
| Capacity* | Copper color-coded connectors: 8 AWG-250 kcmil (MCM) Aluminum color-coded connectors: 8 AWG-4/0 kcmil (MCM) |
| Length | 22-3/8" (568 mm) |
| Weight | 6.8 lbs. (3.1 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------|
| 1981 | 06894 | Indentor Crimping Tool |

*UL and cUL classified for use with Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Penn-Union, and Thomas & Betts copper and aluminum color-coded lugs and splices. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

CRIMPING DIES

Crimping Dies for 4-Ton EK410L Tools



4-TON CRIMPING DIE KIT*

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| KC4CU | 02037 | Complete Die Set for copper connectors. Includes dies for 8 AWG to 300 kcmil (MCM) copper connectors. (Dies can be stored in tool carrying case.) |
| KA4AL | 12237 | Complete die set for aluminum connectors. Includes dies for 8 AWG through 2/0 AWG. (Dies can be stored in tool carrying case.) |

KC4 DIES FOR SERVICE ENTRANCE CONNECTORS

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| KD4-10 | 02021 | Crimping Dies for 5/8" Service Entrance Connectors |
| KD4-840 | 02022 | Crimping Dies for 840 Service Entrance Connectors |
| 24163 | 24163 | Blank Crimping Dies |

DIES FOR CRIMPING COLOR-CODED COPPER & ALUMINUM LUGS & SPLICES

| CABLE SIZE | ALUMINUM | | | COPPER | | |
|-----------------|----------|---------|-------|----------|---------|--------|
| | CAT. NO. | UPC NO. | COLOR | CAT. NO. | UPC NO. | COLOR |
| 8 AWG | KA4-8 | 12222 | BLUE | KC4-8 | 02075 | RED |
| 6 AWG | KA4-6 | 12223 | GRAY | KC4-6 | 02076 | BLUE |
| 4 AWG | KA4-4 | 12225 | GREEN | KC4-4 | 02077 | GRAY |
| 2 AWG | KA4-2 | 12226 | PINK | KC4-2 | 02078 | BROWN |
| 1 AWG | KA4-1 | 12227 | GOLD | KC4-1 | 02079 | GREEN |
| 1/0 AWG | KA4-1/0 | 12228 | TAN | KC4-1/0 | 02080 | PINK |
| 2/0 AWG | KA4-2/0 | 12229 | OLIVE | KC4-2/0 | 02081 | BLACK |
| 3/0 AWG | - | - | - | KC4-3/0 | 02082 | ORANGE |
| 4/0 AWG | - | - | - | KC4-4/0 | 02083 | PURPLE |
| 250 KCMIL (MCM) | - | - | - | KC4-250 | 02084 | YELLOW |
| 300 KCMIL (MCM) | - | - | - | KC4-300 | 10988 | WHITE |

*Note: Connections are UL and cUL classified for copper and aluminum when used with Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Thomas & Betts and Penn-Union color-coded lugs and splices.

Crimping Dies for 6-Ton Tools



All dies on this page for use with EK628L, ECCXL, and EK622L tools.

6-TON CRIMPING DIE KIT*

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| K22S1GL | 03078 | Die Kit for 8 AWG to 600 kcmil Copper Connectors – Includes all copper die sets listed below and carrying case |
| KD06AL | 01631 | Die Kit for 8 AWG to 350 kcmil Aluminum Connectors – Includes all aluminum die sets listed below and carrying case |

DIES FOR CRIMPING COLOR-CODED COPPER & ALUMINUM LUGS & SPLICES* (REQUIRE UA22 ADAPTER WHEN USED WITH ECCXL, HCCX, & RCCX TOOLS)

22 SERIES CRIMPING DIES

| CABLE SIZE | ALUMINUM | | | COPPER | | |
|-----------------|----------|---------|-------|----------|---------|--------|
| | CAT. NO. | UPC NO. | COLOR | CAT. NO. | UPC NO. | COLOR |
| 8 AWG | KA22-8 | 06744 | BLUE | KC22-8 | 03079 | RED |
| 6 AWG | KA22-6 | 06745 | GRAY | KC22-6 | 03080 | BLUE |
| 4 AWG | KA22-4 | 06746 | GREEN | KC22-4 | 03081 | GRAY |
| 2 AWG | KA22-2 | 06747 | PINK | KC22-2 | 03082 | BROWN |
| 1 AWG | KA22-1 | 06749 | GOLD | KC22-1 | 03083 | GREEN |
| 1/0 AWG | KA22-1/0 | 06750 | TAN | KC22-1/0 | 03084 | PINK |
| 2/0 AWG | KA22-2/0 | 06751 | OLIVE | KC22-2/0 | 03085 | BLACK |
| 3/0 AWG | KA22-3/0 | 06752 | RUBY | KC22-3/0 | 03086 | ORANGE |
| 4/0 AWG | KA22-4/0 | 06753 | WHITE | KC22-4/0 | 03087 | PURPLE |
| 250 KCMIL (MCM) | KA22-250 | 06754 | RED | KC22-250 | 03088 | YELLOW |
| 300 KCMIL (MCM) | KA22-300 | 06755 | BLUE | KC22-300 | 03089 | WHITE |
| 350 KCMIL (MCM) | KA22-350 | 06756 | BROWN | KC22-350 | 03090 | RED |
| 400 KCMIL (MCM) | - | - | - | KC22-400 | 03091 | BLUE |
| 500 KCMIL (MCM) | - | - | - | KC22-500 | 03092 | BROWN |
| 600 KCMIL (MCM) | - | - | - | KC22-600 | 03094 | GREEN |



*Note: Connections are UL and cUL classified for copper and aluminum, when used with Greenlee tools on Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® color-coded lugs and splices.

DIES FOR USE WITH SERVICE ENTRANCE CONNECTORS, C-TAPS, H-TAPS, OVERHEAD AND UNDERGROUND CONNECTORS (REQUIRE UAW ADAPTER WHEN USED WITH ECCXL TOOLS, REQUIRES CJD3, CJD3BG, OR CJD30 JAWS WHEN USED WITH EK628L TOOLS)

"W" STYLE DIES

| CAT. NO. | UPC NO. | BURNDY NO. | CAT. NO. | UPC NO. | BURNDY NO. |
|----------|---------|------------|----------|---------|------------|
| KD6-10 | 10165 | W-BG | KD6-18 | 10173 | W-166 |
| KD6-11 | 10166 | W-O | KD6-19 | 10174 | W-243 |
| KD6-12 | 10167 | W-C | KD6-20 | 10175 | W-247 |
| KD6-13 | 10168 | W-K840 | KD6-21 | 10176 | W-249 |
| KD6-14 | 10169 | W-161 | KD6-22 | 10177 | W-164 |
| KD6-15 | 10170 | W-162 | KD6-24 | 10179 | W-237 |
| KD6-16 | 10171 | W-163 | KD6-25 | 10180 | W-239 |
| KD6-17 | 10172 | W-165 | KD6-27 | 10182 | W-28K |



Crimping Dies for 12-Ton Tools



All dies on this page for use with EK1230L, EK1240L, HK1230, HK1240, RK1240, HKL1232, and E12CCX tools, and RK1550 equipped with 48802 die adapter.

12-TON CRIMPING KITS

"U" STYLE DIE KITS

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| KD12CU | 10260 | Die Kit for 6 AWG to 750 kcmil Copper Connectors – Includes all copper die sets below except KC12-8 |
| KD12AL | 10261 | Die Kit for 6 AWG to 750 kcmil Aluminum Connectors – Includes all aluminum die sets below except 35776. |

DIES FOR CRIMPING COLOR-CODED COPPER & ALUMINUM LUGS & SPLICES

"U" STYLE DIES

| CABLE SIZE | ALUMINUM | | | COPPER | | |
|-----------------|----------|---------|--------|----------|---------|--------|
| | CAT. NO. | UPC NO. | COLOR | CAT. NO. | UPC NO. | COLOR |
| 8 AWG | KA12-8 | 22084 | BLUE | KC12-8 | 10996 | GRAY |
| 6 AWG | KA12-6 | 22085 | GRAY | KC12-6 | 10997 | BLUE |
| 4 AWG | KA12-4 | 22086 | GREEN | KC12-4 | 10998 | GRAY |
| 2 AWG | KA12-2 | 22087 | PINK | KC12-2 | 10999 | BROWN |
| 1 AWG | KA12-1 | 22088 | GOLD | KC12-1 | 11003 | GREEN |
| 1/0 AWG | KA12-1/0 | 22089 | TAN | KC12-1/0 | 11004 | PINK |
| 2/0 AWG | KA12-2/0 | 22090 | OLIVE | KC12-2/0 | 11007 | BLACK |
| 3/0 AWG | KA12-3/0 | 22121 | RUBY | KC12-3/0 | 11010 | ORANGE |
| 4/0 AWG | KA12-4/0 | 22122 | WHITE | KC12-4/0 | 11011 | PURPLE |
| 250 KCMIL (MCM) | KA12-250 | 22123 | RED | KC12-250 | 11012 | YELLOW |
| 300 KCMIL (MCM) | KA12-300 | 22124 | BLUE | KC12-300 | 11013 | WHITE |
| 350 KCMIL (MCM) | KA12-350 | 22125 | BROWN | KC12-350 | 11014 | RED |
| 400 KCMIL (MCM) | KA12-400 | 22126 | GREEN | KC12-400 | 11015 | BLUE |
| 500 KCMIL (MCM) | KA12-500 | 22127 | PINK | KC12-500 | 11016 | BROWN |
| 600 KCMIL (MCM) | KA12-600 | 22128 | BLACK | KC12-600 | 11018 | GREEN |
| 750 KCMIL (MCM) | KA12-750 | 22129 | YELLOW | KC12-750 | 11020 | BLACK |



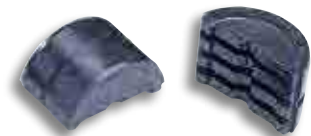
*Connections are UL and cUL classified for copper connectors when used with Greenlee tools on Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® color-coded lugs and splices.

**Connections are UL and cUL classified for aluminum connectors when used with Greenlee tools on Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® color-coded lugs and splices.

DIES FOR USE WITH SERVICE ENTRANCE CONNECTORS, C-TAPS, H-TAPS, OVERHEAD AND UNDERGROUND CONNECTORS

ADDITIONAL "U" - STYLE DIES

| CAT. NO. | UPC NO. | BURNDY NO. | CAT. NO. | UPC NO. | BURNDY NO. |
|----------|---------|------------|----------|---------|------------|
| KD12-10 | 10188 | U-BG | KD12-30 | 10200 | U-D3 |
| KD12-11 | 10189 | U-O | KD12-32 | 10202 | U-F |
| KD12-12 | 10190 | U-C | KD12-33 | 10203 | U-997 |
| KD12-14 | 10192 | U-161 | KD12-35 | 10205 | U-238 |
| KD12-15 | 10193 | U-162 | KD12-36 | 10206 | U-654 |
| KD12-17 | 10195 | U-165 | KD12-37 | 10207 | U-655 |
| KD12-18 | 10196 | U-166 | KD12-38 | 10208 | U-658 |
| KD12-19 | 10197 | U-243 | KD12-39 | 10209 | U-659 |
| KD12-20 | 10198 | U-247 | KD12-40 | 10210 | U-998 |
| KD12-21 | 10199 | U-249 | - | - | - |



ACCESSORIES

Crimping Die Carrying Case



- Holds 15 KC22, KA22, KC12, KA12 or "U" style crimping die sets.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 01082 | 01082 | Crimping Die Carrying Case (dies not included) |

Crimping Tool Load Cell



- Test gauge measures the force output of Greenlee 1230 and 1240 crimping tools.
- Includes test gauge and blank die set.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------------|
| 35887 | 35887 | Crimping Tool Load Cell – 12 Ton |

Crimping Tool Test Meter



- Electronically measures the force output of crimping tools.
- Data can be transferred to computer files to develop tool histories.
- To take measurements, one TC1KIT, one tool adapter and one sensor are required.
- TC1 is battery powered and can be used in remote locations.
- Includes TC1 measuring unit, battery charger and carrying case.

ADAPTER AND SENSING UNIT CHART

| CRIMPING TOOL | ADAPTER | SENSOR |
|--------------------------------|---------|--------|
| EK410L | MA4 | TF70 |
| EK622L (All CCX Tools, EK628L) | MA22 | TF70 |
| All 1230 and 1240 Tools | MA120 | TF130 |
| HK12ID, EK12IDL | MA12ID | TF130 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| TC1S KIT | 01340 | TC1 Unit |
| MA4 | 02086 | Adapter for EK410L |
| MA22 | 06576 | Adapter for EK622L, EK622L, CCX, EK628L |
| MA50 | 11798 | Adapter for EK210L |
| MA120 | 06577 | Adapter for 1230, 1240, E12CCX, E12CCXL |
| MA12ID | 24054 | Adapter for EK12ID, EK12IDL |
| TF70 | 06574 | Sensor for EK210L, EK410L, EK622L, CCX, EK628L |
| TF130 | 06575 | Sensor for 1230, 1240, E12CCX, EK12ID, E12CCXL, EK12IDL |

AC Adapters for Battery-Powered Tools



- Operates all Greenlee 18V Li-ion battery-powered tools except the ES750, ES85, ES25 and ES1000.
- Easily converts Greenlee 18V Li-ion battery-powered tools to corded tools.
- Same physical size and shape as Greenlee 18V Li-ion batteries, providing unlimited run-time without additional weight or bulk.
- Long 16.5 foot cord allows mobility. Can also be used with an extension cord.
- Provides the same power as a battery for consistent operating performance.

SPECIFICATIONS

| | EAC120 | EAC230 |
|---------------|---------------------|---------------------|
| Input | 120 V AC 60 Hz 150W | 230 V AC 50 Hz 150W |
| Output | 12 V DC 6.5A | 12 V DC 6.5A - |
| Weight | 1.6 lb (0.7 kg) | 1.6 lb (0.7 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------|
| EAC18120 | 52191 | AC Adapter, 120 V to 18V |
| EAC18230 | 52192 | AC Adapter, 230 V to 18V |

Battery Charger Adapter



- Attaches to 52178, 52179 and 52180 Li-ion battery chargers
- Allows chargers to charge Greenlee NiCd & NiMH 12 V and 9.6 V batteries

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------|
| 25766 | 25766 | Battery Charger Adapter |

REFERENCE

Competitive Die Compatibility

All Dies Listed may be used with the appropriate Greenlee Tools

| TOOL TYPE | GREENLEE | BURNDY | T & B | ILSCO | HUSKIE | PANDUIT | BLACKBURN | KEARNEY | PENN-UNION |
|---------------|--|---------------------------------|--|--|--|--|--|------------------|------------|
| EK410L | KC4, KA4 | - | - | - | - | - | - | - | - |
| EK628L | KC22, KA22 | W, X ⁸ | 6 TON ⁹ | ND ⁸ | HT58 ⁸ | CD-2001 ⁸ | BY ⁹ | O ⁹ | - |
| EK622L | KC22, KA22, KD6 | W, X | - | ND | HT58 | CD-2001 | - | - | - |
| CCX | KC22 ¹ , KA22 ¹ , KD6 ² | W ² , X ² | 6-TON ⁹ | ND ² | HT ³ , HT58 ² | CD-2001 ² | BY ³ | O ³ | - |
| 1230 | KC12, "U" STYLE, KD12 | U | 15500 SERIES | ILD | HT41 | CD-920 | B, H | - | T |
| 1240, 12CCX | KC12, "U" STYLE, KD12 | U | 15500 SERIES | ILD | HT41 | CD-920 | B, H | - | T |
| 1240K | - | - | - | - | HTK | - | - | PH2 | - |
| 1550 | - | P ⁴ , U ⁵ | 15600 SERIES ⁶ , 15500 SERIES ⁵ | ILD-P ⁴ , ILD ⁵ | HT61 ⁴ , HT41 ⁵ | CD-940 ⁴ , CD-920 ⁵ | 15600 SERIES ⁶ , B ⁵ , H ⁵ | PH2 ⁷ | - |
| K425BG, K4250 | K06 | W, X | - | ND | HT58 | CD-2001 | - | - | - |

Notes: **BOLD** indicates that use of the proper die adapter is needed.

¹ Use UA22 die adapters

² UAW die adapters

³ Use UAK die adapters

⁴ Use 48820 die adapters

⁵ Use 48802 die adapters

⁶ Use 48788 die adapters

⁷ Use 48824 die adapters

⁸ Use CJD30 or CJD3BG Jaws

⁹ Use CJK Jaws

Crimping Die Cross Reference

Copper Color-Coded Lugs and Splices for 6-Ton Crimping Tools

ECCXL, EK62L, EK628L

| CABLE SIZE | COLOR CODE | GREENLEE ¹ | BURNDY ² | T & B ³ | ILSCO ² | HUSKIE ² | PANDUIT ² | BLACKBURN ³ |
|-----------------|------------|-----------------------|--------------------------------|--------------------|--------------------|---------------------|----------------------|------------------------|
| 8 AWG | RED | KC22-8 | W8CVT, W8CRT X8CRT | 6TON21 | - | - | CD-2001-8 | BY15C |
| 6 AWG | BLUE | KC22-6 | W5CVT, W5CRT, X5CRT, X8CART | 6TON24 | - | - | CD-2001-6 | BY17C |
| 5 AWG | BLUE | NA | W5CVT, W5CRT, X5CRT | - | - | - | - | - |
| 4 AWG | GRAY | KC22-4 | W4CVT, W4CRT, X4CRT | 6TON29 | - | - | CD-2001-4 | BY19C |
| 3 AWG | WHITE | NA | W3CRT | - | - | - | - | - |
| 2 AWG | BROWN | KC22-2 | W2CVT, W2CRT, X2CRT | 6TON33 | - | - | CD-2001-2 | BY21C |
| 1 AWG | GREEN | KC22-1 | W1CVT, X1CRT-1, W1CRT-1 | 6TON37 | - | - | CD-2001-1 | BY53C |
| 1/0 AWG | PINK | KC22-1/0 | W25VT, W25RT, X25RT | 6TON42 | - | - | CD-2001-1/0 | BY23C |
| 2/0 AWG | BLACK | KC22-2/0 | W26VT, W26RT, X26RT | 6TON45 | - | - | CD-2001-2/0 | BY28C |
| 3/0 AWG | ORANGE | KC22-3/0 | W27VT, W27RT, X27RT | 6TON50 | - | - | CD-2001-3/0 | BY25C |
| 4/0 AWG | PURPLE | KC22-4/0 | W28VT, W28RT, X28RT | 6TON54 | - | - | CD-2001-4/0 | BY31C |
| 250 KCMIL (MCM) | YELLOW | KC22-250 | W29VT, W29RT, X29RT | 6TON62 | - | - | CD-2001-250 | BY27C |
| 300 KCMIL (MCM) | WHITE | KC22-300 | W30VT, W30RT | 6TON66 | - | - | CD-2001-300 | BY35C |
| 350 KCMIL (MCM) | RED | KC22-350 | W31VT, W31RT | 6TON71 | - | - | CD-2001-350 | BY37C |
| 400 KCMIL (MCM) | BLUE | KC22-400 | W32VT, W32RT | 6TON76 | - | - | CD-2001-400 | - |
| 500 KCMIL (MCM) | BROWN | KC22-500 | W34VT, W34RT | 6TON87 | - | - | CD-2001-500 | - |
| 600 KCMIL (MCM) | GREEN | KC22-600 | - | - | - | - | - | - |

Notes for 6-ton dies: ¹ Can be used with 22 Series, CCX and EK628L tools. Use UA22 die adapters with CCX. Use without adapters with 22 Series and EK628L.

² Can be used with 22 Series, CCX and EK628L tools. Use UAW die adapters with CCX. Use W die adapters with 22 Series. Use with CJD3 jaws with EK628L.

³ Can be used with CCX and EK628L tools only. Cannot be used with 22 Series tools. Use UAK die adapters with CCX. Use with CJK jaws with EK628L.

Crimping Die Cross Reference

Copper Color-Coded Lugs and Splices for 12-Ton Crimping Tools

ALL 1230, 1240 & E12CCXL TOOLS*

| CABLE SIZE | COLOR CODE | GREENLEE | BURNDY | T & B | ILSCO | HUSKIE | PANDUIT | BLACKBURN | PENN-UNION |
|-----------------|------------|----------|---------------|-------|--------|--------|------------|-----------|------------|
| 8 AWG | RED | KC12-8 | U8CRT | 15520 | ILD-1 | - | CD-920-8 | B71CH | - |
| 6 AWG | BLUE | KC12-6 | U5CRT, U8CABT | 15522 | ILD-2 | HT41AT | CD-920-6 | B73CH | T-7/374 |
| 5 AWG | BLUE | NA | U5CRT | - | - | - | - | - | - |
| 4 AWG | GRAY | KC12-4 | U4CRT, U6CABT | 15527 | ILD-3 | HT41AU | CD-920-4 | B74CH | T-8/346 |
| 3 AWG | WHITE | NA | U3CRT | - | - | - | - | - | - |
| 2 AWG | BROWN | KC12-2 | U2CRT | 15528 | ILD-4 | HT41AW | CD-920-2 | B75CH | T-9 |
| 1 AWG | GREEN | KC12-1 | U1CRT, 4UCABT | 15513 | ILD-4 | HT41AX | CD-920-1 | B05CH | T-10 |
| 1/0 AWG | PINK | KC12-1/0 | U25RT, U2CABT | 15508 | ILD-5 | HT41AY | CD-920-1/0 | B06CHI | T-11/375 |
| 2/0 AWG | BLACK | KC12-2/0 | U26RT | 15526 | ILD-6 | HT41AZ | CD-920-2/0 | B72CH | T-12/348 |
| 3/0 AWG | ORANGE | KC12-3/0 | U27RT | 15530 | ILD-9 | HT41BA | CD-920-3/0 | B08CH | T-13 |
| 4/0 AWG | PURPLE | KC12-4/0 | U28RT | 15511 | ILD-10 | HT41BC | CD-920-4/0 | B09CH | T-14 |
| 250 KCMIL (MCM) | YELLOW | KC12-250 | U29RT | 15510 | ILD-11 | HT41BE | CD-920-250 | B26CH | T-15 |
| 300 KCMIL (MCM) | WHITE | KC12-300 | U30RT, U28ART | 15534 | ILD-12 | HT41BF | CD-920-300 | B10CH | T-16 |
| 350 KCMIL (MCM) | RED | KC12-350 | U31RT, U29ART | 15512 | ILD-13 | HT41BJ | CD-920-350 | B11CH | T-17 |
| 400 KCMIL (MCM) | BLUE | KC12-400 | U32RT, U30ART | 15512 | ILD-14 | HT41BK | CD-920-400 | B11CH | T-18/324 |
| 500 KCMIL (MCM) | BROWN | KC12-500 | U34RT, U31ART | 15506 | ILD-15 | HT41BL | CD-920-500 | B12CH | T-19/470 |
| 600 KCMIL (MCM) | GREEN | KC12-600 | U36RT, U32ART | - | ILD-16 | HT41BM | CD-920-600 | B36CH | T-20/299 |
| 700 KCMIL (MCM) | PINK | NA | U38RT | 15505 | ILD-16 | - | - | - | T-20/299 |
| 750 KCMIL (MCM) | BLACK | KC12-750 | U39RT | 15515 | ILD-17 | HT41BP | CD-920-750 | B29CH | T-22/472 |

Notes for all 12-ton dies: * All 12-ton dies shown can be used with all 1230, 1240 & E12CCXL Greenlee tools up to the capacity limits of the tool

Crimping Die Cross Reference

Aluminum Color-Coded Lugs and Splices for 6-Ton Crimping Tools

ECCXL, EK622L & EK628L

| CABLE SIZE | COLOR CODE | GREENLEE ¹ | BURNDY ² | T & B ³ | ILSCO ² | HUSKIE ² | PANDUIT ² | BLACKBURN ³ |
|-----------------|------------|-----------------------|---------------------|--------------------|--------------------|---------------------|----------------------|------------------------|
| 8 AWG | BLUE | KA22-8 | X8CART | 6TON24 | - | - | CD-2001-8 | BY17C |
| 6 AWG | GRAY | KA22-6 | X6CART | 6TON29 | - | - | CD-2001-6 | BY19C |
| 4 AWG | GREEN | KA22-4 | X4CART | 6TON37 | - | - | CD-2001-4 | BY53C |
| 2 AWG | PINK | KA22-2 | X2CART | 6TON42 | - | - | CD-2001-2 | BY23C |
| 1 AWG | GOLD | KA22-1 | X1CART | 6TON45 | - | - | CD-2001-1 | BY24C |
| 1/0 AWG | TAN | KA22-1/0 | X25ART | 6TON50 | - | - | CD-2001-1/0 | BY25C |
| 2/0 AWG | OLIVE | KA22-2/0 | X26ART | 6TON54 | - | - | CD-2001-2/0 | BY31C |
| 3/0 AWG | RUBY | KA22-3/0 | X27ART | 6TON60 | - | - | CD-2001-3/0 | BY32C |
| 4/0 AWG | WHITE | KA22-4/0 | X28ART | 6TON66 | - | - | CD-2001-4/0 | BY35C |
| 250 KCMIL (MCM) | RED | KA22-250 | - | 6TON71 | - | - | CD-2001-250 | BY37C |
| 300 KCMIL (MCM) | BLUE | KA22-300 | - | 6TON76 | - | - | CD-2001-300 | BY35C |
| 350 KCMIL (MCM) | BROWN | KA22-350 | - | 6TON87 | - | - | CD-2001-350 | BY37C |

Notes for 6-ton dies:

¹ Can be used with 22 Series, CCX and EK628L tools. Use UA22 die adapters with CCX. Use without adapters with 22 Series and EK628L.

² Can be used with 22 Series, CCX and EK628L tools. Use UAW die adapters with CCX. Use with W die adapters with 22 Series. Use CJ03 jaws with EK628L.

³ Can be used with CCX and EK628L tools. Cannot be used with 22 Series tools. Use UAK die adapters with CCX. Use CJK jaws with EK628L.

Crimping Die Cross Reference

Aluminum Color-Coded Lugs and Splices for 12-Ton Crimping Tools

ALL 1230, 1240 & E12CCXL TOOLS*

| CABLE SIZE | COLOR CODE | GREENLEE | BURNDY | T & B | ILSCO | HUSKIE | PANDUIT | BLACKBURN | PENN-UNION |
|-----------------|------------|----------|---------|-------|---------|--------|-------------|-----------|------------|
| 8 AWG | BLUE | KA12-8 | U8CABT | 15522 | ILD-2 | HT41GL | CD-920-8 | B73CH | T-7/374 |
| 6 AWG | GRAY | KA12-6 | U6CABT | 15527 | ILD-3 | HT41GE | CD-920-6 | B74CH | T-8/346 |
| 4 AWG | GREEN | KA12-4 | U4CABTQ | 15513 | ILD-4 | HT41GM | CD-920-4 | B05CH | T-11/375 |
| 2 AWG | PINK | KA12-2 | U2CABT | 15508 | ILD-7 | HT41GF | CD-920-2 | B06CHI | T-12/348 |
| 1 AWG | GOLD | KA12-2 | U1CART | 15526 | ILD-7 | - | CD-920-1 | B06CHI | T-471 |
| 1/0 AWG | TAN | KA12-1/0 | U25ART | 15530 | ILD-8 | HT41EX | CD-920-1/0 | B06CH | T-296 |
| 2/0 AWG | OLIVE | KA12-2/0 | U26ART | 15511 | ILD-10 | HT41EY | CD-920-2/0 | B09CH | T-297 |
| 3/0 AWG | RUBY | KA12-3/0 | U27ART | 15532 | ILD-10 | HT41GW | CD-920-3/0 | B26CH | T-467 |
| 4/0 AWG | WHITE | KA12-4/0 | U28ART | 15534 | ILD-12 | HT41EZ | CD-920-4/0 | B10CHI | T-298 |
| 250 KCMIL (MCM) | RED | KA12-250 | U29ART | 15514 | ILD-13 | HT41FW | CD-920-250 | B11CH | T-18/324 |
| 300 KCMIL (MCM) | BLUE | KA12-300 | U30ART | 15512 | ILD-14 | HT41GZ | CD-920-300 | B11CH | T-19/470 |
| 350 KCMIL (MCM) | BROWN | KA12-350 | U31ART | 15506 | ILD-14 | HT41FA | CD-920-350 | B12CHI | T-20/299 |
| 400 KCMIL (MCM) | GREEN | KA12-400 | U32ART | 15536 | ILD-16 | HT41HH | CD-920-400 | B36CH | T-22/472 |
| 500 KCMIL (MCM) | PINK | KA12-500 | U34ART | 15505 | ILD-16A | HT41FB | CD-920-500A | B76CH | T-300 |
| 600 KCMIL (MCM) | BLACK | KA12-600 | U36ART | 15515 | ILD-17 | HT41HG | CD-920-600 | - | T-24/473 |
| 700 KCMIL (MCM) | YELLOW | NA | U38ART | - | ILD-17 | HT41IJ | - | - | - |
| 750 KCMIL (MCM) | YELLOW | KC12-750 | U39ART | 15504 | ILD-18 | HT41IJ | CD-920-750 | - | - |

Notes for all 12-ton dies: * All 12-ton dies shown can be used with all 1230, 1240 and E12CCXL Greenlee tools up to the capacity limits of the tool

Crimping Die Cross Reference

Copper C-Taps for Copper Cables

ECCXL, EK622L & EK628L

| CABLE SIZE | TAP | GREENLEE ¹ | BURNDY ² | T & B ³ | ILSCO ² | HUSKIE ² | PANDUIT ² | BLACKBURN ³ |
|-------------|-------------|-----------------------------|---------------------|--------------------|--------------------|---------------------|----------------------|------------------------|
| 10 AWG | 10 AWG | | W238 | | | HT58DG | - | - |
| 8 AWG | 8 AWG | KD6-15 | W162 | - | - | HT58BZ | - | BY21 |
| 4-6 AWG | 8 AWG | KD6-10 | WBG | - | ND-BG | HT58G | CD-2001-BG | BY31 |
| 4-6 AWG | 6 AWG | KD6-10 | WBG | - | ND-BG | HT58G | CD-2001-BG | BY31 |
| 4-6 AWG | 4 AWG | KD6-10 | WBG | - | ND-BG | HT58G | CD-2001-BG | BY31 |
| 2-3 AWG | 4-8 AWG | KD6-12 | WC | - | ND-C | HT58J | CD-2001-C | BY33 |
| 2-3 AWG | 2-3 AWG | KD6-12 | WC | - | ND-C | HT58J | CD-2001-C | BY33 |
| 1/0-2/0 AWG | 8-2 AWG | KD6-11 | WO | - | - | HT58AK | - | OJB |
| 1/0-2/0 AWG | 1/0-2/0 AWG | KD6-11 | WO | - | - | HT58AK | - | OJB |
| 3/0-4/0 AWG | 6-2 AWG | D ₃ ⁴ | - | - | - | - | - | DBL |
| 3/0-4/0 AWG | 1/0-2/0 AWG | D ₃ ⁴ | - | - | - | - | - | - |
| 3/0-4/0 AWG | 3/0-4/0 AWG | D ₃ ⁴ | - | - | - | - | - | - |

Notes for 6-ton dies:

¹ Can be used with 22 Series, CCX and EK628L tools. Use UAW die adapters with CCX. Use D3 adapters with 22 Series. Use CJD3 jaws with EK628L.

² Can be used with 22 Series, CCX and EK628L tools. Use UAW die adapters with CCX. Use D3 die adapters with 22 Series. Use CJD3 jaws with EK628L.

³ Can be used with CCX and EK628L tools. Cannot be used with 22 Series tools. Use UAK die adapters with CCX. Use CJK jaws with EK628L.

⁴ Die adapters included with EK622L have D3 profile. UAW adapters for CCX tools have D3 profile. CJD3 jaws for EK628L have D3 profile.

Crimping Die Cross Reference

Copper C-Taps for Copper Cables

ALL 1230, 1240 & E12CCXL TOOLS*

| CABLE SIZE | TAP | GREENLEE | BURNDY | T & B | ILSCO | HUSKIE | PANDUIT | BLACKBURN | PENN-UNION |
|-------------|-------------|----------|--------|-------|--------|--------|-----------|-----------|------------|
| 10 AWG | 10 AWG | KD12-35 | U238 | | | HT41DG | - | - | - |
| 8 AWG | 8 AWG | KD12-15 | U162 | - | - | HT41BZ | - | B71AH | - |
| 4-6 AWG | 8 AWG | KD12-10 | UBG | - | | HT41G | CD-920-BG | B58CS | T-BG |
| 4-6 AWG | 6 AWG | KD12-10 | UBG | - | | HT41G | CD-920-BG | B58CS | T-BG |
| 4-6 AWG | 4 AWG | KD12-10 | UBG | - | | HT41G | CD-920-BG | B58CS | T-BG |
| 2-3 AWG | 4-8 AWG | KD12-12 | UC | - | ILD-C | HT41J | CD-920-C | HKBO | - |
| 2-3 AWG | 2-3 AWG | KD12-12 | UC | - | ILD-C | HT41J | CD-920-C | HKBO | - |
| 1/0-2/0 AWG | 8-2 AWG | KD12-11 | UO | - | ILD-O | HT41AK | - | HO | T-O |
| 1/0-2/0 AWG | 1/0-2/0 AWG | KD12-11 | UO | - | ILD-O | HT41AK | - | HO | T-O |
| 3/0-4/0 AWG | 6-2 AWG | KD12-30 | UD3 | - | ILD-D3 | HT41X | CD-920-D3 | HD | T-D3 |
| 3/0-4/0 AWG | 1/0-2/0 AWG | KD12-30 | UD3 | - | ILD-D3 | HT41X | CD-920-D3 | HD | T-D3 |
| 3/0-4/0 AWG | 3/0-4/0 AWG | KD12-30 | UD3 | - | ILD-D3 | HT41X | CD-920-D3 | HD | T-D3 |

Notes for all 12-ton dies: * All 12-ton dies shown can be used with all 1230, 1240 and E12CCXL Greenlee tools up to the capacity limits of the tool.

CABLE BENDING TOOLS

Ratchet Cable Bender



- Simplifies and speeds cable installation.
- 10" (254 mm) ratchet extension is furnished to simplify bending in deep enclosures.
- Includes ratchet wrench, L-wrench, ratchet extension, bending shoe assembly and storage box.

SPECIFICATIONS

| | |
|-----------------|---|
| Capacity | Up through 500 kcmil (MCM) (240 mm ²), 600 volt, copper or aluminum cable |
| Weight | 8.2 lbs. (3.7 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------------|
| 796 | 22590 | Ratchet Cable Bender |
| 22578 | 22578 | Ratchet Wrench with Grip |
| 22579 | 22579 | L-Wrench with Grip |
| 22682 | 22682 | 10" (254 mm) Ratchet Extension |
| 22934 | 22934 | Bending Shoe |
| 30236 | 30236 | Storage Box |

Hydraulic Cable Bender

800F1725



- One-shot bends up to 90°; automatically unloads cable.
- Compact design bends in tight places.
- Unit with foot pump keeps both hands free to hold cable.

SPECIFICATIONS

| | |
|-----------------|--|
| Capacity | 350 - 1000 kcmil (MCM) (185-500 mm ²), 600 volt 350 - 750 kcmil (MCM) compact cable |
| Weight | 800 – 7 lbs. (3.2 kg), 802 – 26 lbs. (11.8 kg) 800F1725 – 36 lbs. (16.4 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| 800 | 23892 | Hydraulic Cable Bender only |
| 802 | 24395 | Hydraulic Cable Bender with High Pressure Hose Unit and Storage Box |
| 800F1725 | 23893 | Hydraulic Cable Bender with 1725 Foot Pump, High Pressure Hose Unit and Storage Box |
| R 37729 | 37729 | High Pressure Hydraulic Hose 1/4" x 10' (6.4 mm x 3 m) |
| R 1725 | 31353 | Hydraulic Foot Pump |
| R 23955 | 23955 | Metal Storage Box |

WIRE AND CABLE STRIPPING TOOLS

MC Cable Cutter

- Use With AC and MC Cable up to 1".
- Adjustable up to 1" outside diameter.
- Cuts in seconds with a few quick turns of the crank and an easy twist of the armor.
- Convenient under-handle blade storage holds spare blades.
- Quick load clamp system makes repeat cuts fast and easy.
- Use with replacement blades Greenlee Cat #1941-1 or #1941-5.

SPECIFICATIONS

| | |
|-------------------|--------------------------------------|
| Dimensions | 10.63" x 6.13" x 2.5" (270x156x64mm) |
| Weight | 0.72 lbs (0.33kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------|
| 0952-01 | 02072 | Cutter, Cable MC |

0952-01



Cable Stripping Tool



- Triple action stripping – rotary, linear, and spiral – “Window” stripping is accomplished by combining 2 rotary cuts with a spiral cut in between them.
- Eliminates Cable Scoring. Blade height is adjustable to precisely match insulation thickness
- Interchangeable cable guides for small and large cable diameters
- Hook on the cable guide is used to start jacket removal without the need to use a screwdriver or pliers
- Replacement blade storage pocket in the base of the tool
- Long life, high-carbon steel blade
- Ergonomic handle shape
- Suitable for most jacket materials

SPECIFICATIONS

Capacity THHN Cable Size Range: 8AWG to 1250 kcmil (10-625 mm²)
 Overall Cable Diameter: 0.18" to 1.57" (4.5-40.0 mm)
 Cable Diameter Using Small Cable Guide Hook: 0.18" to 0.98" (4.5-25.0 mm)
 Cable Diameter Using Large Cable Guide Hook: 0.79" to 1.57" (20.0-40.0 mm)

Weight .25 lbs (0.1 g)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------------------|
| 1903 | 12679 | Cable Stripping Tool |
| 13544 | 13544 | Replacement Blade (2 per package) |
| 13545 | 13545 | Replacement Small Hook |
| 13546 | 13546 | Replacement Large Hook |

Adjustable Cable Stripper



- For mid-span and end termination. Strips TW, THW, THWN, THHN and similar single-layer insulation.
- Fast-close jaws. Quick size and insulation adjustments.
- Snap action for same cutting depth time after time.

SPECIFICATIONS

Capacity 1/0 - 1000 kcmil (MCM) (50 - 500 mm² diameter); insulation rated 600 VAC Nominal

Weight .9 lb. (408 g)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------|
| 1905 | 21533 | Adjustable Cable Stripper |
| 21978 | 21978 | Blade |

Kwik Stripper® Heavy-Duty Wire Stripper



- 18-6 AWG (1.0-4.1 mm dia.) stripping capacity.
- Front entry jaws for easy access to boxes, panels and tight spaces.
- Quick and easy adjustments.
- Tough metal alloy construction.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 45019 | 45019 | Kwik Stripper Heavy-Duty Wire Stripper |
| 45020 | 45020 | Heavy-Duty Jaws |

Kwik Stripper® Wire Stripper



- 34-10 AWG (.08-6mm²) stripping capacity.
- 12 AWG (4 mm²) solid, 10 AWG (6 mm²) stranded cutting capacity.
- Strips and cuts flat and round cable.
- Self-adjusts to different wire gauges.
- Contoured and cushioned handles.
- Front entry jaws have an adjustable strip length guide.
- Lightweight reinforced nylon is chemical and corrosion resistant.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-----------------------------|
| 45000 | 45000 | Kwik Stripper Wire Stripper |
| R 20243 | 20243 | Blade Cassette |

Automatic Wire Stripper



- Production grade wire stripper strips insulation from most smaller gauge wire.
- Strips up to 7/8" (22.2 mm) length.
- Strips PVC and THHN insulation.
- For use with solid and stranded wire.

SPECIFICATIONS

| | |
|-----------------|---|
| Capacity | 20 - 10 AWG (.5 mm ² - 6 mm ²) with PVC or THHN insulation |
| Weight | .7 lb. (300 g) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------|
| 1935 | 37600 | Automatic Wire Stripper |

WIRE CRIMPING TOOLS

Gator® Terminal Crimping Tool

AVAILABLE AS
BARE TOOL

IntelliCRIMP

18V
Lithium-Ion

1.5-TON

LED



- Intelligent Crimping System Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control
- One trigger controls all tool functions.
- Crimping head rotates 350°
- Tools automatically retract when the crimping or cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- LED work light illuminates dark work areas.
- Greenlee battery-powered crimping tools now use bio-degradable oil.
- Smart chargers control the charging current, charging voltage and battery temperature to maximize battery life
- Uses all Kwik Cycle 9 crimping dies.
- Available with 120V, 12V or 230V battery charger or with 120V or 230V corded adapter in place of batteries and charger

SPECIFICATIONS

| | |
|-------------------------------|----------------------------|
| Capacity | Uses Kwik Cycle 9 Die Sets |
| Length | 12-3/4" (324 mm) |
| Weight | 3-1/2 lb. (1.6 kg) |
| Battery | 18V 1.5 Ah Li-ion |
| Crimping Force | 2,900 lb. (13kN) |
| Width | 2-7/8" (73 mm) |
| Crimp Cycle Time | ~2 seconds |
| Battery Charge Time | 30 minutes |
| Est. Cycles per Charge | 400 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------------|---------|--|
| EK210L11 | 52079 | 1.5-Ton Battery-Powered Crimping Tool w/120 volt charger |
| EK210L12 | 52080 | 1.5-Ton Battery-Powered Crimping Tool w/12 volt charger |
| EK210L22 | 52081 | 1.5-Ton Battery-Powered Crimping Tool w/230 volt charger |
| EK210L120 | 52082 | 1.5-Ton Crimping Tool w/120V AC Adapter |
| EK210L230 | 52083 | 1.5-Ton Crimping Tool w/230V AC Adapter |
| B EK210LB | 01129 | EK210 Bare Crimper, 1.5T |
| R 52177 | 52177 | 18V 1.5 Ah Li-ion |
| R 25752 | 25752 | Carrying Case |
| R 52178 | 52178 | 120V Charger |
| R 52179 | 52179 | 230V Charger |
| R 52180 | 52180 | 12V Charger |

Kwik Cycle® 9



- Frames are manufactured from heat-treated, hardened tool steel for superior life and function.
- Tools feature a precision, full-cycle ratchet for accurate, repeatable crimps every cycle.
- Crimping dies are manufactured from hardened, heat-treated tool steel for superior life.
- Tension adjustment preset at the factory for optimum performance.
- Higher leverage force and ergonomically designed handle for improved comfort.
- Ideal for field installation of connectors as well as shop use.
- Die sets are easily interchangeable using a screwdriver.
- Uses all Kwik Cycle 9 crimping dies (see below).


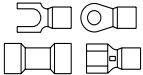



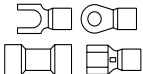

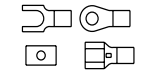

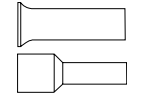

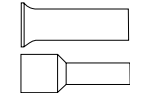
SPECIFICATIONS

| | |
|-----------------|----------------------------|
| Capacity | Uses Kwik Cycle 9 Die Sets |
| Weight | 1.1 lb. (500 g) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------|
| 45504 | 45504 | Kwik Cycle 9" Crimp Frame |

Kwik Cycle® 9

INTERCHANGEABLE DIE SETS FOR INSULATED AND NON-INSULATED TERMINALS

| Cat./UPC No. | CONNECTION | DESCRIPTION |
|---|---|---|
|  - KWIK CYCLE 9 TOOL W/ DIE 45500 - DIE ONLY 45509 |  | 22-10 AWG Color coded nests for easy identification Standard insulated terminals, ring tongue, spade lug, slide on and butt splices |
|  - KWIK CYCLE 9 TOOL W/ DIE 45501 - DIE ONLY 45570 |  | 22-10 AWG Color coded nests for easy identification For fully insulated slide on style connectors AMP Ultrafast™ style |
|  - DIE ONLY 45565 |  | 26-16 AWG For mini insulated terminals with smaller wire barrels Ring tongue, spade, slide on and butt splices |
|  - KWIK CYCLE 9 TOOL W/ DIE 45505 - DIE ONLY 45507 |  | 22-10 AWG For non-insulated terminals and splices |
|  - DIE ONLY 03283 |  | 26-10 AWG For non-insulated and insulated wire ferrules |
|  - DIE ONLY 03284 |  | 8-4 AWG For non-insulated and insulated wire ferrules |

Note: Other dies see page 259.

Premium Terminal Crimping Tool



- Storage for two sets of crimping dies in the handles
- No tools needed to change dies
- Precision mechanism for smooth crimping cycles
- Hardened mechanism components for long term durability
- Cushioned handles for comfort
- Full cycle mechanism assures complete crimps, but tool can be opened in mid-cycle if necessary
- Equipped with 3 crimping die sets for 22-10 AWG insulated terminals (red, yellow, blue), 22-10 AWG uninsulated terminals, and 26-8 AWG wire ferrules

SPECIFICATIONS

| | |
|-------------------------------|--|
| Length | 9" (23 cm) |
| Weight | 1.35 lbs. (.6 kg) |
| Crimping Dies Included | 22-10 AWG Insulated Terminals 22-10 AWG Uninsulated Terminals 26-8 AWG Wire Ferrules |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--|
| K210 | 10872 | Crimping Tool with 10873, 10874 and 10875 die sets |
| R 10873 | 10873 | Die Set, 22-10 AWG Insulated Terminals |
| R 10874 | 10874 | Die Set, 22-10 AWG Uninsulated Terminals |
| R 10875 | 10875 | Die Set, 26-8 AWG Wire Ferrules |
| A 10876 | 10876 | Die Set, RG 58/59/62/71 |
| A 10877 | 10877 | Die Set, 20-10 AWG Open Barrel Connectors |

Terminal Crimping Tool

KP1022



KP1022D



- Two die positions permit the KP1022 to crimp both insulated and uninsulated terminals and splices.
- Forged steel and hardened design provides long life.
- Smooth pivot action allows tool to easily be used with one hand.
- Double-cushioned handle grips on the KP1022 are easy on the hands.
- Standard handle grips on the KP1022D make it easy to slip in/out of tool pouches.
- Precision machined and hardened cutter blades make wire cutting easy.

SPECIFICATIONS

| | |
|-----------------------|--|
| Overall Length | 9-1/2" (241 mm) |
| Weight | 1.05 lbs. (.48 kg) |
| Capacity | Insulated Terminals & Splices - 10 - 22 AWG Uninsulated Terminals & Splices - 10 - 22 AWG |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| KP1022 | 02155 | Terminal Crimping Tool with molded grip |
| KP1022D | 10633 | Terminal Crimping Tool with dipped grip |

Kwik Cycle® Crimping Tool



- For non-insulated terminals.
- Includes ratchet mechanism which releases only after full crimp cycle is completed.

SPECIFICATIONS

| | |
|-----------------|-----------------|
| Capacity | 22 AWG - 6 AWG |
| Length | 12.8" (325 mm) |
| Weight | .3 lbs. (136 g) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------|
| K2-1BGL | 02632 | Kwik Cycle Crimping Tool |

Electrical Terminal Crimper



- Heavy-duty crimper for D-sub 26-28 AWG pins and sockets; 22-26 AWG butt-insulated connectors; 22-26 AWG telephone piercing spade lugs; and 14-18, 20-22 AWG open barrel connectors.
- Built-in wire cutter
- Dual-durometer grips for improved comfort and control.

SPECIFICATIONS

Weight 8 oz. (227g)

| CAT. NO. | DESCRIPTION |
|----------|-----------------------------|
| PA1176 | Electrical Terminal Crimper |

WIRE FERRULE CRIMPING TOOLS

PZ 6 ROTO Wire Ferrule Crimper



Professional-quality rotary crimping tool for insulated and non-insulated wire ferrules with a wire range of 24-10 AWG (0.25-6.0 mm²).

- Rotating die for front or side ferrule insertion
- Crimps conform to EN 60947-1 & DIN 46228 Pt. 1 and 4
- Hardened steel die system for long life
- Single tool for entire wire range (no additional dies are required)
- Durable steel construction for long life
- Ergonomic handles for low-effort operation

SPECIFICATIONS

Weight 13 oz. (368 g)

| CAT. NO. | DESCRIPTION |
|----------|--------------------------------|
| PA901435 | PZ 6 ROTO Wire Ferrule Crimper |

Wire Ferrule Crimping Tool 26 - 13 AWG



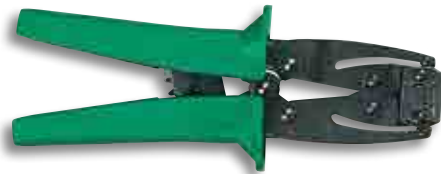
- Makes trapezoidal crimps.
- Includes cutter and replaceable stripper blade set.

SPECIFICATIONS

Range 26 - 13 AWG (.14 - 2.5 mm²)
Length 6.9" (175 mm)
Weight .4 lbs. (0.2 kg)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| K1GL | 02633 | Wire Ferrule Crimper |

Wire Ferrule Crimping Tool 26 - 10 AWG



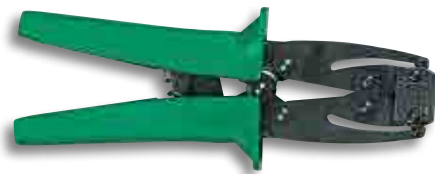
- Makes trapezoidal crimps with full-cycle ratchet mechanism to assure complete crimps.
- Crimps single and twin cable wire ferrules.
- Adjusts automatically to correct crimp size.

SPECIFICATIONS

| | |
|---------------|---|
| Range | Single cable wire ferrules: 26 - 10 AWG (.14 - 6 mm ²) Twin wire ferrules: 2 x 20 - 2 x 13 AWG (2 x .5 - 2 x 2.5 mm ²) |
| Length | 8.4" (213 mm) |
| Weight | 1.1 lbs. (.4 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| K32GL | 02637 | Wire Ferrule Crimper |

Wire Ferrule Crimping Tool 10 - 6 AWG



- Makes trapezoidal crimps with full-cycle ratchet mechanism to assure complete crimps.
- Crimps single and twin cable wire ferrules.
- Adjusts automatically to correct crimp size.

SPECIFICATIONS

| | |
|---------------|--|
| Range | Single cable wire ferrules: 10 - 6 AWG (6 - 16 mm ²) Twin wire ferrules: 2 x 11 - 2 x 10 AWG (2 x 4 - 2 x 6 mm ²) |
| Length | 8.9" (225 mm) |
| Weight | 1.1 lbs. (0.4 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| K34GL | 02638 | Wire Ferrule Crimper |

Wire Ferrule Crimping Tool 25 - 10 AWG



- Makes square-shaped crimps.
- Full-cycle ratchet mechanism assures complete crimps.
- Adjusts automatically to correct crimp size.

SPECIFICATIONS

| | |
|---------------|---|
| Range | 25 - 10 AWG (0.14 - 6 mm ²) |
| Length | 6.9" (175 mm) |
| Weight | 1.1 lbs. (0.4 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| K30GL | 02636 | Wire Ferrule Crimper |

Wire Ferrule Crimping Tool 7 - 1/0 AWG



- Makes trapezoidal crimps with full-cycle ratchet mechanism to assure complete crimps.
- Crimps single and twin cable wire ferrules.

SPECIFICATIONS

| | |
|---------------|--|
| Range | Single cable wire ferrules: 7 - 1/0 AWG (10 - 50 mm ²) Twin wire ferrules: 2 x 11 - 2 x 5 AWG (2 x 4 - 2 x 16 mm ²) |
| Length | 13.2" (335 mm) |
| Weight | 1.8 lbs. (0.8 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| K28GL | 02634 | Wire Ferrule Crimper |

Wire Ferrule Crimping Tool 1/0 - 3/0 AWG



- Makes trapezoidal crimps with full-cycle ratchet mechanism to assure complete crimps.

SPECIFICATIONS

| | |
|---------------|--|
| Range | 1/0 - 3/0 AWG (50 - 90 mm ²) |
| Length | 13.2" (335 mm) |
| Weight | 1.8 lbs. (0.8 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| K29GL | 02635 | Wire Ferrule Crimper |



COMMUNICATIONS

GREENLEE COMMUNICATIONS OFFERS INDUSTRY-LEADING TOOLS FOR DATACOM, TELECOM, AND FIBER OPTIC APPLICATIONS. CHOOSE FROM A LARGE LINEUP OF PREMIUM INSTALLATION TOOLS, TONE GENERATORS, FIBER OPTIC EQUIPMENT, AND MORE – ALL FIELD TESTED TO PERFORM.

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| Fiber Optic Testing | 356 |
| Fiber Optic Kits | 369 |

HAND TOOLS

Telecom Splice Crimpers



- Side cutter for AWG 19-26 copper.
- Non-slip grips for precision control.
- Crimp capacity
 - UR: AWG 19-26
 - UY: AWG 22-26
 - UG: AWG 19-26

PA1180 only

- Stripping cavity for AWG 22 wire.
- Needle-nose with knurled surface for gripping, wrapping and looping.

| CAT. NO. | DESCRIPTION |
|----------|-------------|
|----------|-------------|

| | |
|--------|-------------------------------|
| PA1180 | 4-in-1 Telecom Splice Crimper |
| PA1178 | Telecom Splice Crimper |

Round Cable Cutters



- Cuts solid or stranded cable up to AWG 6.
- Precise and effortless cuts.
- Round cutting form won't deform cables.
- Ideal for UTP and Coax, RG58, RG59 and RG6/6Q; RG7 and RG11 with PA1175.

| CAT. NO. | DESCRIPTION |
|----------|-------------|
|----------|-------------|

| | |
|--------|---------------------------------|
| PA1175 | Contour Round Cable Cutter |
| PA1179 | Dual-Contour Round Cable Cutter |

Cable Cutter, 8 AWG



- Designed to cut solid, stranded wire up to 8 AWG (10 mm²) and multi-conductor cable up to 1/2" (12.7 mm) in diameter.
- Curved cutting blades ensure an easy cut.
- Economically priced.
- Cushioned-grip handle for comfortable use.
- Heat-treated for long life.
- Stamped and precision ground from high-carbon tool steel.
- Return spring.
- Locking latch.
- Rust-resistant black oxide finish.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
|----------|---------|-------------|

| | | |
|-------|-------|--------------|
| 45482 | 45482 | Cable Cutter |
|-------|-------|--------------|

Cable Splicer's Knife and Splicer's Snips

PT-K01A



- Cuts cable, telephone wire and strips insulation.
- Tough, tempered steel knife blade holds its edge longer.
- Full-sized knife handle provides greater comfort.
- Knife has a short, coping-type blade made of the finest cutlery steel.
- Scissors have an upper blade with two stripping notches to strip most insulations from 19-24 AWG.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------------|
| PT-K01A | 12997 | Scissors and Knife Kit in Pouch |
| PT-T01 | 08707 | Cable Splicer's Knife |
| PT-T02 | 08708 | Electrician's Snips |
| PT-C01 | 08702 | Two-Pocket Leather Pouch |
| PA1931 | | Datacomm Snips |

PT-T01



PT-T02



PA1931



DataComm Snips, Electrician's Snips



- Cuts, strips and trims data and phone cables.
- Ergonomic design nests in hand for comfort and added cutting power.
- One fully serrated blade for clean cuts.
- "V" stripping notches for 19 and 23 AWG wire.
- Manufactured from high-carbon steel, chrome over nickel plate.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
| PT-T03 | 89195 | Snips only |

Pro Wire Strippers

NEW PRODUCT



1950A



1955A



1956A

- Strips both solid and stranded wires.
- Precision ground blades ensure consistent stripping and cutting.
- Ergonomically designed, extra long handles for superior comfort and assured grip.
- Heat treated for strength with black oxide finish for rust resistance.
- Serrated nose pliers for bending, pulling, and shaping wire.
- Lock tab protects cutting edges during storage.
- Cleanly cuts #6-32 and #8-32 screws.
- Note: this is not an insulated tool.
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | CAP (AWG) | |
|----------|---------|-----------------------------------|-----------|----------|
| | | | SOLID | STRANDED |
| 1950A | 06852 | Pro Stripper 10-18 AWG | 10-18 | 12-20 |
| 1955A | 06857 | Pro Plus Wire Stripper, 10-18 AWG | 10-18 | 12-20 |
| 1956A | 10300 | Pro Plus Stripper 8-16 AWG | 6-14 | 8-16 |

Wire Stripper/Cutters

NEW PRODUCT



1916A



1917A

- Strips both solid and stranded wires.
- Precision ground blades ensure consistent stripping and cutting.
- Double dipped grips for superior comfort and assured grip.
- Heat treated for strength with black oxide finish for rust resistance.
- Serrated nose pliers for bending, pulling, and shaping wire.
- Lock tab protects cutting edges during storage.
- Cleanly cuts #6-32 and #8-32 screws.
- Note: this is not an insulated tool.
- Lifetime limited warranty.

| CAT. NO. | UPC NO. | DESCRIPTION | CAP (AWG) | |
|----------|---------|---------------|-----------|----------|
| | | | SOLID | STRANDED |
| 1916A | 31891 | Wire Stripper | 10-20 | 12-22 |
| 1917A | 31890 | Wire Stripper | 16-26 | 18-28 |

GripP-Strippers 10 & 20



- Head of tool and handles designed at optimum 22° angle to prevent awkward wrist bends.
- Precision ground blades ensure consistent stripping and cutting.
- Features screw cutter and wire loops embedded in frames.
- Built-in safety lock.
- Gripping jaws on front of tool for pulling wire.
- PA1117 will work on Romex household cable.
- Note: This is not an insulated tool.

| CAT. NO. | DESCRIPTION | CAP (AWG) | |
|----------|---|-----------|----------|
| | | SOLID | STRANDED |
| PA1117 | GripP 10 cutter/stripper | 10-22 | 12-24 |
| PA1118 | GripP 20 cutter/stripper | 20-30 | 22-32 |
| PA1123 | Wire Stripper Bundle, includes both PA1117 and PA1118 | | |

*Do not use on live circuits.

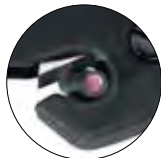
stripax® Pro 6 & Pro 16



68 spring-compression blades on Pro 6†



Adjustable wire stop to set strip lengths



Cutter on bottom means less hand force required



Round stripping blades on Pro 16 cut insulation cleanly

- Strips heavy-duty and industrial insulations including THHN & THHW.
- Strips standard insulations including PVC, rubber and silicone.
- Provides nick-free stripping of insulation with no damage to conductors.
- Built-in cutter provides a smooth, straight cut without distorting the conductor.
- Fine adjustment slider on top of tool lets you adjust to the insulation thickness.
- Handles designed for comfort and require low hand force.
- Not for Teflon or Kapton hard insulations (use part number PA1115P mini-stripax Plus with a Teflon blade for these insulations).
- Perfect companion for any of our wire ferrule crimpers.
- Strippers carry a lifetime warranty; blade warranty is one year for defects only.

| CAT. NO. | DESCRIPTION | WEIGHT |
|-----------------|--|--------|
| R PA1113 | stripax® Pro 6 (28-10 AWG) (.08-6.0 mm2) | 5.5 oz |
| PA2113 | stripax® Pro 6 replacement stripping blade set | |

*Do not use on live circuits

† 68 spring-compression blades precisely adjust to the insulation.

Teflon® is a registered trademark of Dupont

mini-stripax® plus



- Strips flexible and solid conductors with PVC, Teflon, silicone and other special insulations.
- Strips multiple conductors and thin ribbon-cable conductors simultaneously.
- Adjustable wire stop and built-in wire cutter.
- 28-18 AWG (0.80-1.0 mm2) PVC blade included.
- See replacement blades in next section.

*Strips PVC only. Do not use on live circuits.

For Teflon, order blades separately see below in mini-stripax plus Replacement Blades Section.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|--------------------------------|--------|
| PA1115P | mini-stripax® plus (28-18 AWG) | 4 oz |

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Adjustable Wire Stripper & Cutter



- Economical wire stripping tool for multiple cables.
- Made of high carbon steel and heat treated for long life.
- Adjustable settings for wire sizes from 30-10 AWG.

*Do not use on live circuits.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|---|--------|
| PA1161 | Adjustable wire stripper & cutter (30-10 AWG) | 3 oz |

Combo UTP/Coax SureStrip™



- Professional all-in-one cutter/stripper for coaxial and twisted pair cables.
- Cuts and strips multiple cable types:
 - Coax: RG6, RG6 Quad and RG59.
 - Twisted Pair (UTP/STP): Cat6, Cat5e and Cat5.
- Easy-to-use combination cutter/stripper.
- Adjustable stripping blade for UTP/STP; accommodates different insulation thicknesses without damaging conductors.
- Self-regulating cassette blade prevents nicks.
- Coax blade cassette is removable to adjust stripping depth of both blades with hex key included. (Note: Hex key stores securely in bottom of tool)
- Contoured finger grips for cutting power.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|---------------------------|--------|
| PA1119 | Combo UTP/Coax SureStrip™ | 2.5 oz |
| PA2119 | Coax Blade Cassette | — |
| PA2120 | UTP Cut/Strip Blade | — |

Data SureStrip™



- Small, compact tool that cuts and strips multiple cable types:
 - 4-, 6- and 8-conductor flat satin cables.
 - 4-, 6- and 8-conductor UTP/STP data cables.
 - 25-pair UTP/STP data and telephone cables.
- Multi-conductor round bundled cables with a maximum diameter of .5" (12.7 mm).
- 14-8 AWG (2.5-75mm²) wire.
- Nylon reinforced ABS plastic with stainless steel blade.
- Fully adjustable with simple thumb screw.
- Self-regulating to prevent nicking.
- Contoured finger grips for power cutting.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|-----------------|--------|
| PA1116 | Data SureStrip™ | 2.5 oz |

CST vario Stripper



- Most flexible coax stripping tool on the market.
- Easy to set up and adjust.
- Two- and three-level stripping.
- Minimum center-to-center strip length is 0.13" (3.2 mm).
- Maximum total strip length is 0.67" (17 mm).
- Adjustable blade positioning in 0.04" (1 mm) increments.
- Lifetime warranty on frame only.

*Not recommended for use on LMR or Teflon cables.

| CAT. NO. | DESCRIPTION |
|-----------------|--|
| PA3240 | CST vario stripper |
| R PA3242 | Replacement blade holder, blades & allen hex key |

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CST Strippers

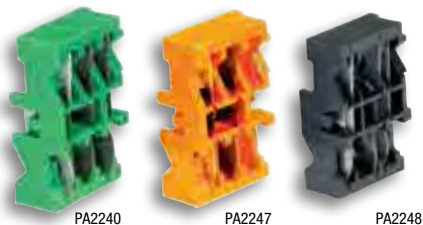


- Fixed blade system that accommodates 0.1"-0.315" (2.5-8.0mm) cable diameters including RG58/59/62AU, RG6, RG6 Quad, RG174, Belden 1505A, 1855A and 8281.
- Cam adjustment ensures precise and repeatable hold on cable.
- Memory blocks reduce set-up time and are easy to interchange and mark for various applications.
- Blades are two-sided for longer use.
- No cable jacket distortion during stripping process.
- Blade cassettes easy to change.
- Lifetime warranty on frame only.

| CAT. NO. | DESCRIPTION | COMMON USES |
|----------|---------------------------------------|-------------------------|
| PA1240 | CST Green - 3 Level (A=.279, B=.201) | Common 2- & 3-piece |
| PA2240 | Green Blade Cassette only | |
| PA1243 | CST Brown - 3 Level (A=.295, B=.137) | |
| PA2243 | Brown Blade Cassette only | |
| PA1247 | CST Orange - 3 Level (A=.327, B=.146) | Kings, Amphenol 3-piece |
| PA2247 | Orange Blade Cassette only | |
| PA1248 | CST Black - 3 Level (A=.344, B=.094) | ADC, Amphenol HDTV |
| PA2248 | Black Blade Cassette only | |
| PA1250 | CST Frame only | |
| PA2245 | CST Memory Cartridge only | |



Y-block – inserts into tool to tighten up rollers for smaller cable sizes



CST Pro Coax Stripper

NEW PRODUCT

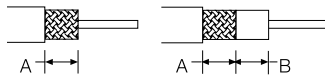


PA2284 Reversible Rollers



PA2282 3 Level

Blade Adjustment Screws



- New patent-pending coax stripping system for precision & accuracy
- Works with a wide range of cable diameters from .1"-.315" (2.5-8.0mm) including: RG58/59/62AU, RG6/6QS, RG174, Belden 1505A, 1855A & 8281 and mini-coax.
- Pre-set for standard 2- and 3-level strip lengths
- Coax stripper designed for pros requiring precision, versatility & ease of use.
- Reversible-rollers easily adjust for various cable sizes including mini-coax.
- Dual roller mechanism perfectly centers cable & applies equal pressure to eliminate cable distortion.
- Quick-change pre-set blade cassettes.
- Cam adjustment ensures precise hold on cable.
- Fixed blade cassettes pre-set for standard 2- and 3-level strip lengths
- Interchangeable blades reduce set-up time.
- Lifetime warranty on frame only.

| CAT. NO. | DESCRIPTION | COMMON USES |
|----------|---|---|
| PA1280 | CST Pro Green 3-level (A=.279, B=.201) | Common 2- & 3-piece |
| PA2280 | Green Blade Cassette only | |
| PA1281 | CST Pro Orange 3-level (A=.327, B=.146) | Kings, Amphenol RFX 3-piece |
| PA2281 | Orange Blade Cassette only | |
| PA1282 | CST Pro Black 3-level (A=.344, B=.094) | ADC, Kings, Amphenol HDTV, Mini's |
| PA2282 | Black Blade Cassette only | |
| PA1283 | CST Pro Blue 2-level (A=.250) | Standard RG6/6QS & RG59, CATV "F", Mini's |
| PA2283 | Blue Blade Cassette only | |
| PA1285 | CST Pro Frame only | |
| PA2284 | CST Pro Rollers only | |

LC CST Strippers



- Self-regulating tension.
- Adjust cutting depth on each blade for varying cable thicknesses with the included hex key.
- Pre-set for common strip lengths.
- Blades adjust for strip dimensions other than our standard pre-set units*.

| SPECIFICATIONS | PRESET STRIP LENGTHS* | CABLE USAGE |
|-----------------|--|--|
| LC CST-58/59 | 0.315" outer jacket 0.157" inner dielectric | RG58, RG59, RG62 AU & RG6 |
| LC CST-11 | 0.315" outer jacket 0.157" inner dielectric | RG8, RG11 & RG213 |
| LC CST CATV "F" | 0.236" outer jacket | RG59, RG6 & RG6 QUAD CATV "F" (preset for RG6 CATV "F") |
| LC CST-Mini | 0.344" outer jacket 0.094" inner dielectric | RG178, RG179, RG188, AT&T 735(A), NT735, Belden 1855A, Belden 8218, RG180, RG187, RG188A, RG405 and more |

| CAT. NO. | DESCRIPTION |
|----------|---|
| PA1255 | LC CST-58/59 – 2- & 3-Level, Adjustable |
| PA1256 | LC CST-11 – 2- & 3--Level, Adjustable |
| PA1257 | LC CST CATV "F" – 2-Level |
| PA1258 | LC CST-Mini |
| PA2263 | Replacement Blade |

*To adjust strip lengths simply change blade locations in the lower jaw to attain the following: .157" (4 mm), .236" (6 mm), .315" (8 mm), .394" (10 mm) and .472" (12 mm)
Not recommended for use on LMR or Teflon cables.

Teflon® is a registered trademark of Dupont

Kwik Stripper Twisted Pair Stripper



- No tool is better for trimming the jacket from twisted pair cable without damaging the individual conductors.
- Blade depth adjustment ensures precise cutting depth.
- Blade penetration controlled by tension loop.
- Strip length gauge.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------------------|
| 45579 | 45579 | Kwik Stripper Twisted Pair Stripper |



45579
Typically used for Modular Plug Connectors (See pages 297)

Pro Kwik Stripper CATV

**NEW
PRODUCT**



- Designed for the professional CATV cable installer. Uses reversible stripping cartridges for RG6, RG59, RG11 and RG7 CATV cables that are replaceable.
- No adjustments needed.
- Included with the tool, the RG6/RG59 cartridge strips cable jacket and dielectric to 1/4" (6.4 mm).
- Included with the tool, the RG11/RG7 cartridge strips cable jacket and dielectric to 1/4" (6.4 mm).
- Extra-large finger hole.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------|
| 45591 | 01174 | Pro Kwik Stripper CATV |

AM 25 Slitter



- Strips and slits 0.18" to 1.0" (4.5-25mm) diameter Round Cables.
- Adjustable cutting depth.
- Swivel blade for circular, longitudinal and spiral cuts.
- Spare blade in handle.
- Cable holding clip with integrated edge for removing slit insulation.
- Laser-trimmed, stainless-steel blade for long use.
- Slits PVC, Teflon and THHN.
- Perfect for armored cable.

NOTE: Do not use on live circuits. Not for polyethylene, polypropylene or XLP insulations

| CAT. NO. | DESCRIPTION |
|----------|-------------------|
| PA1820 | AM 25 |
| PA2109 | Replacement blade |

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AM 35 Slitter



- Strips and slits 1.0" to 1.4" (25-35mm) diameter Round Cables.
- Adjustable cutting depth for insulation up to 0.18" (4.5 mm) thick.
- Swivel blade for circular, longitudinal and spiral cuts.
- Spare blade in handle.
- Cable holding clip with integrated edge for removing slit insulation.
- Laser-trimmed, stainless-steel blade for long use.
- Slits PVC, Teflon and THHN.

NOTE: Do not use on live circuits. Not for polyethylene, polypropylene or XLP insulations

| CAT. NO. | DESCRIPTION |
|----------|-------------------|
| PA1821 | AM 35 |
| PA2109 | Replacement blade |

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Universal Slitter



- Strips and slits 0.18" to 1.0" (4.5-25mm) diameter Round Cables.
- Precision stripping and slitting of rubber, PVC, nylon and most insulation materials.
- Adjustable depth of cut.
- Swivel blade for circular, longitudinal and spiral cuts.
- Cable is supported during use.
- Cable support arm edge is used to pry off thick insulation.
- Laser-trimmed, stainless-steel blade for long use.
- A perfect tool for mid-point taps.
- Spare blade included.

NOTE: Do not use on live circuits. Not for polyethylene, polypropylene or XLP insulations

| CAT. NO. | DESCRIPTION |
|----------|--------------------|
| PA1822 | Universal splitter |
| PA2109 | Replacement blade |

Pocket Cable Stripper



- Specifically designed for stripping power and telecommunications cables from 3/4" to 1-1/2" in diameter (19 mm to 40 mm).
- Strips solid conductor, stranded conductor and multiple conductor cables.
- Easy blade depth adjustment.
- Blade rotates for circular, longitudinal and spiral cuts.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-----------------------------------|
| 1903 | 12679 | Cable Stripping Tool |
| R 13544 | 13544 | Replacement Blade (2 per package) |
| R 13545 | 13545 | Replacement Small Hook |
| R 13546 | 13546 | Replacement Large Hook |

Cable TV "F" Flaring & Attachment Tool



- Flares RG59, RG6 and RG6 Quad Cable types.
- Works with CATV "F" connectors.
- Save time on cable TV and satellite installations.
- Flare the shield braid back from the dielectric without nicking your finger.
- Make connections faster and easier with properly prepped cable.
- Attachment tool enables you to hold the connector comfortably to insert onto cable.

| CAT. NO. | DESCRIPTION |
|----------|--|
| PA1927 | Cable TV "F" Flaring & Attachment Tool |

Coax 3-Way Tool



- Flares RG6 and RG6 Quad Cable types.
- Flares shield braid back from the dielectric without nicking your fingers.
- Attachment tool enables you to hold the connector comfortably to insert connector onto cable.
- Extraction tool to assist in coupling connector to port or to assist in uncoupling from port.
- Works with CATV "F" connectors.

| CAT. NO. | DESCRIPTION |
|----------|-----------------|
| PA1928 | Coax 3-Way Tool |

RG59/RG6/RG6 Quad Flaring Tool



- Works on RG59 and RG6/6 Quad cable.
- Flares shield away from center dielectric.
- Saves time on CATV and satellite installation

| CAT. NO. | DESCRIPTION |
|----------|-------------------------|
| PA1917 | RG59/6/6QS flaring tool |

BNC and CATV "F" Extraction Tools



- Chrome finish.
- Comfortable driver-style plastic handle.
- 1908 CATV "F" is a combination tool. Use the hex socket to easily remove and insert the connectors. Use the threaded end to hold the connector while you insert cable for connectors. Helps to prevent finger injuries.

| CAT. NO. | DESCRIPTION |
|----------|------------------|
| PA1908 | CATV 8" (203 mm) |
| PA1907 | BNC 8" (203 mm) |
| PA1916 | BNC 12" (305 mm) |

SealTite® ProM Coax Crimper



- Crimps weatherproof linear CATV "F", BNC, RCA & right- angle compression-type connectors from all manufacturers.
- Works with RG6, RG6 Quad, RG59 & RG62AU coax cables.
- Versatile tool - accommodates multiple connectors.
- The only tool with a single, reversible head eliminating need for adapters.
- No additional parts, attachments or other tools required to change from one crimp style to another.
- Quickly & easily adjust crimp height.
- Once properly set, lock with adjustment lock.
- Rated life cycle 30,000 (unloaded).

| CAT. NO. | DESCRIPTION |
|----------|-----------------------------|
| PA1559 | SealTite® ProM Coax Crimper |

RG59/6Q-7/11 Pro Coax Compression Tool

**NEW
PRODUCT**



- Versatile tool crimps RG59, RG6, RG6 Quad, RG 7/11, BNC and RCA Compression Connectors
- Cable holder rotates to accommodate different connector sizes
- Adjustable Crimp length accommodates most manufacturers' connectors
- Once adjusted, no additional parts or adapters are needed to change from one crimp style to another.

| CAT. NO. | DESCRIPTION |
|----------|--|
| PA70020 | RG59/6Q-7/11 Pro Coax Compression Tool |

SealTite® 59/6 CATV "F" Compression Crimper



- Performs compression crimping of waterproof CATV "F" connectors for RG59 and RG6/RG6 Quad 75 ohm coaxial cables.
- Works on Augat/T&B Snap-N-Seal™ connectors, AIM CATV "F" waterproof connectors and Paladin SealTite™ connectors.
- Fully ratcheting one-cycle crimp function.

| CAT. NO. | DESCRIPTION |
|----------|-------------------|
| PA901024 | SealTite® Crimper |

SealTite® Cable TV “F” Compression Connectors



- Large hex nut for easy installations.
- Patented design with 360° cable gripping sleeve.
- Solid brass construction with nickel plating to prevent UV degradation.

| DESCRIPTION | RG59 | RG6 Quad | RG6 Quad |
|-------------------|----------|----------|----------|
| | CAT. NO. | CAT. NO. | CAT. NO. |
| 10 Pack Clamshell | PA9642 | PA9643 | PA9644 |
| 20 Pack Clamshell | PA9610 | PA9611 | PA9612 |
| 50 Pack Jar | PA9645 | PA9646 | PA9647 |
| 100 Pack Bulk | N/A | PA9614* | PA9615 |

*Also available in retail jar pack, PA9687.

SealTite® RCA Compression Connectors



- Patented design with 360° cable gripping sleeve.
- Full gold contacts for low signal loss.
- Includes slip-on color bands for easy cable identification.
- A set of bands includes 4 red, 2 green, 2 blue, 2 yellow and 2 white per ten connectors.
- Constructed from solid brass with nickel plating.

| DESCRIPTION | RG59 | RG6 & RG6 Quad |
|-------------------|----------|----------------|
| | CAT. NO. | CAT. NO. |
| 10 Pack Clamshell | PA9720 | PA9714 |
| 50 Pack Jar | PA9721 | PA9716 |

SealTite® BNC Compression Connectors



- Patented design with 360° cable gripping sleeve.
- Full gold contacts for low signal loss.
- Includes slip-on color bands for easy cable identification.
- A set of bands includes 4 red, 2 green, 2 blue, 2 yellow and 2 white per ten connectors.
- Constructed from solid brass with nickel plating.

| DESCRIPTION | RG59 | RG6 & RG6 Quad |
|-------------------|----------|----------------|
| | CAT. NO. | CAT. NO. |
| 10 Pack Clamshell | PA9730 | PA9715 |
| 50 Pack Jar | PA9731 | PA9740 |

Hex Crimp Cable TV “F” Connectors



- Crimp-on style cable TV “F” connectors.
- All-brass with nickel plating for durability.
- Designed for indoor use.

| DESCRIPTION | RG59 | RG6 | RG6 Quad |
|-------------------|----------|----------|----------|
| | CAT. NO. | CAT. NO. | CAT. NO. |
| 10 Pack Clamshell | PA9676 | PA9677 | PA9678 |

Twist-On Cable TV “F” Connectors



- Connectors twist onto cable for quick installation.
- Sharp threads firmly grip cable for good connections.
- EZ-SPIN™ hex nut for easy installation.

| DESCRIPTION | RG59 | RG6 |
|-------------------|----------|----------|
| | CAT. NO. | CAT. NO. |
| 10 Pack Clamshell | PA9694 | PA9695 |

Push-On Cable TV "F" Connectors



- No crimp tool required. Simply strip cable and push connector onto it.
- Special knurled nut offers superior grip for strong connection.
- All brass, nickel-plated for durability and low signal loss.
- For indoor usage only.

| | RG59 | RG6 |
|--------------------|-----------------|-----------------|
| DESCRIPTION | CAT. NO. | CAT. NO. |
| 10 Pack Clamshell | PA9682 | PA9683 |

Other Coaxial Connectors



Connect CATV "F" cables to RCA plugs.

- Eliminate the need for new cabling
- Solid brass with nickel plate
- 75 ohm rating

| CAT. NO. | DESCRIPTION |
|----------|--|
| PA9719 | Adapter, CATV "F" (female) to RCA (male) (Qty. 10) |
| A901074 | Adapter, CATV "F" (female) to BNC (male) (Qty.1) |

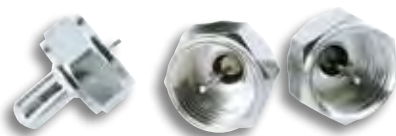
Dual Port Ground Block



- Provides a positive ground connection between two coaxial shields and the ground wire.
- Creates a connection for the dissipation of any unwanted electrical charges.
- Solid nickel plated zinc alloy.
- High-performance, 360° contact, for up to 3.0 GHz.
- Suitable for satellite or cable TV.
- UL/CSA approved.

| CAT. NO. | DESCRIPTION |
|----------|---------------------------|
| PA9675 | Dual Port Grounding Block |

Cable TV "F" Terminators



- Solid brass body with nickel plating.
- ½ watt resistor (5% tolerance); 75 ohm.

| CAT. NO. | DESCRIPTION |
|----------|---------------------------|
| PA9686 | CATV "F" Terminators (10) |

Female Splice Adapter



- Cable TV "F" female-to-female barrel adapter.
- Designed for performance up to 3.0 GHz.
- Gold-plated contacts.
- 2 pack.

| CAT. NO. | DESCRIPTION |
|----------|-----------------------|
| PA9675 | Female Splice Adapter |

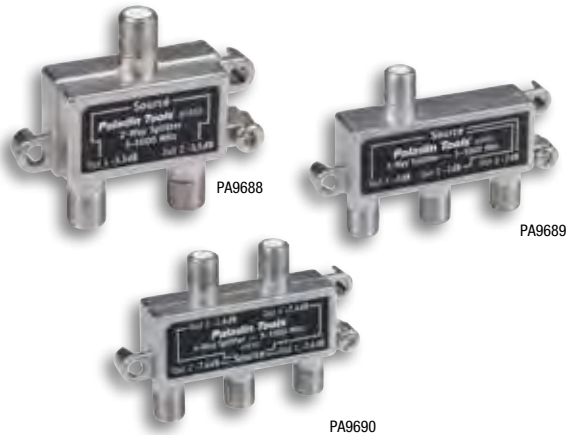
BNC Coaxial Adapter



- Precision manufactured from machined brass and nickel plated for corrosion resistance.

| CAT. NO. | DESCRIPTION |
|----------|-------------------------------|
| 45728 | BNC Straight Jack to Jack (1) |

Cable TV Splitters



- Split analog and digital cable TV signals to 2 to 4 outlets.
- HDTV compatible and works with cable modems.
- 75 ohm impedance.
- 5-1000 MHz bandwidth.
- “F”-style female ports.

| CAT. NO. | DESCRIPTION |
|----------|-------------------------|
| PA9688 | 2-Way Cable TV Splitter |
| PA9689 | 3-Way Cable TV Splitter |
| PA9690 | 4-Way Cable TV Splitter |

Satellite TV Splitters



- Split satellite and digital signals to multiple outlets.
- Compatible with most digital satellite brands, digital cable TV and HDTV.
- 75 ohm impedance.
- 5-2400 MHz bandwidth.
- “F”-style female ports.

| CAT. NO. | DESCRIPTION |
|----------|-----------------------------|
| PA9669 | 2-Way Satellite TV Splitter |
| PA9670 | 3-Way Satellite TV Splitter |
| PA9671 | 4-Way Satellite TV Splitter |

Satellite Diplexer



- Combines signal from satellite dish and UHF/VHF antenna into single coax cable output.
- 5-860 MHz antenna and 950-2450 satellite power pass.
- For RG6 or RG6 Quad.
- An additional diplexer can be used to split signals again for connection to satellite and antenna ports on receivers.
- Diplexed signals can be distributed through an amplifier to send signal to multiple outlets.

| CAT. NO. | DESCRIPTION |
|----------|--------------------|
| PA9673 | Satellite Diplexer |

In-Line Amplifier



- Boost signals to multiple outlets or on long cable runs.
- Works with satellite dish or terrestrial antenna installations with over 50' of cable.
- Digital TV ready.
- 20 dB gain.
- DC 12-18V.
- 950-2400 MHz maximum bandwidth.

| CAT. NO. | DESCRIPTION |
|----------|-------------------|
| PA9672 | In-Line Amplifier |

SurePunch® Pro Punchdown Tool



- Terminate cable in single punch - including 23 AWG Cat6.
- Detachable light with long-life LED specially designed to focus the light on the panel work area.
- Luminous intensity of the LED is 2200 mcd.
- Finger grips and non-slip rubber-embedded cushioned handle for comfort.
- Multi-use spudger that can be used as a screwdriver or an IDC contact insertion tool.
- Hook to feed wires through holes.
- Pick to separate bonded twisted-pair cables or to strip insulation and cut wire.
- Adjustable HI/LO spring compression for all cable types.
LO= 27.5 lbs (122 N), HI= 37.5 lbs (167 N)
- Uses twist-and-lock style blades.
- Blade storage area in end of handle with comfortable latch cover.

| CAT. NO. | DESCRIPTION |
|-----------------------------|--|
| Tools with lights | |
| PA3590 | SurePunch Pro PDT handle (no blade) and light |
| PA3584 | SurePunch Pro PDT with Double 110 blade and light |
| PA3587 | SurePunch Pro PDT with 110 & 66 reversible cut & punch/punch-only blades and light |
| PA3588 | SurePunch Pro PDT with 1110/66 combination cut-only blade and light |
| PA3596 | SurePunch Pro PDT with 110 reversible cut & punch/punch-only blade and light |
| PA3597 | SurePunch Pro PDT with 66 reversible cut & punch/punch-only blade and light |
| PA3598 | SurePunch Pro PDT with BIX™ cut-only (scissors type) blade and light |
| PA3599 | SurePunch Pro PDT with Krone® LSA cut-only (scissors type) blade and light |
| Tools without lights | |
| PA3589 | SurePunch Pro PDT handle (no blade) |
| PA3585 | SurePunch Pro PDT with Double 110 blade |
| PA3586 | SurePunch Pro PDT with 110 & 66 reversible cut & punch/punch-only blades |
| PA3591 | SurePunch Pro PDT with 1110/66 combination cut-only blade |
| PA3592 | SurePunch Pro PDT with 110 reversible cut & punch/punch-only blade |
| PA3593 | SurePunch Pro PDT with 66 reversible cut & punch/punch-only blade |
| PA3594 | SurePunch Pro PDT with BIX™ cut-only (scissors type) blade |
| PA3595 | SurePunch Pro PDT with Krone® LSA cut-only (scissors type) blade |
| PA4599 | SurePunch Pro PDT detachable light and batteries |

SurePunch® Punchdown Tools



- Cushion grip, molded to the shape of your hand, for comfort and a sure, non-slip hold.
- Increased HI/LO impact force to meet demands of new cable types and AWG sizes: LO= 30 lbs (133 N), HI= 40 lbs (178 N).
- For 28-22 AWG (0.08 - 0.34 mm²), solid or stranded wire.
- Uses twist-and-lock style blades.
- Cushioned heel for comfort in the palm of your hand.
- New latch cover blade storage area in end of handle.
- Lanyard holes in end.

| CAT. NO. | DESCRIPTION |
|----------|---|
| PA3570 | SurePunch PDT handle (no blade) |
| PA3571 | SurePunch PDT with 110/66 combination cut-only blade |
| PA3572 | SurePunch PDT with 110 reversible cut & punch/punch-only blade |
| PA3573 | SurePunch PDT with 66 reversible cut & punch/punch-only blade |
| PA3574 | SurePunch PDT with BIX™ cut-only (scissors type) blade |
| PA3575 | SurePunch PDT with Krone® :SA (scissors type) blade |
| PA3576 | SurePunch PDT with Double - 110 blade |
| PA3579 | SurePunch PDT with both 110 and 66 reversible cut & punch/punch-only blades |
| PA4571 | SurePunch 110/66 combination cut-only blade |
| PA4572 | SurePunch 110 reversible blade |
| PA4573 | SurePunch 66 reversible blade |
| PA4574 | SurePunch BIX™ cut-only blade |
| PA4575 | SurePunch Krone® LSA cut-only blade |
| PA4591 | SurePunch Double - 110 blade |
| PA6514 | Telephone Unwrap Bit |
| PA6515 | Telephone Wrap Bit |

Impact Punchdown Tools



- For 28-24 AWG Solid or Stranded conductor.
- Standard impact compression design.
- Adjustable HI/LO settings for compression force.
- Impact force: HI= 35 lbs. (110 N), LO= 25 lbs. (155 N).
- Reversible clip-in blades (except BIX & Krone).
- Punches down with or without cut function (except BIX & Krone).
- Spare blade stores in handle of tool (except BIX & Krone).
- Impact handle and blades available separately.
- Leather holster available to attach to belt.

| CAT. NO. | DESCRIPTION |
|----------|-------------------------------------|
| PA3526 | Impact punchdown (tool handle only) |
| PA3527 | Impact punchdown w/66 blade |
| PA3528 | Impact punchdown w/110 blade |
| PA4527 | Replacement 66 blade |
| PA4528 | Replacement 110 blade |
| PA4531 | Replacement Krone®-type blade |

Punchdown Tool



- Inserts wire for a corrosion-resistant termination and trims off excess wire.
- Terminates 66, 110, BIX and Krone cross-connect and wall jacks.
- Spring-loaded for fast, low-effort wire seating and termination.
- Internal impact mechanism eliminates jamming for longer, trouble-free service life.
- Adjustable low- and high-impact force settings.
- Bayonet-style blade locking mechanism.
- Neoprene pad for shock absorption.
- Spare blade storage in the handle.
- Color-coded yellow on the cut side of tool.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|----------------------------|
| 46020 | 46020 | Punchdown Tool Only |
| 46021 | 46021 | Punchdown Tool w/66 Blade |
| 46023 | 46023 | Punchdown Tool w/110 Blade |
| R 46022 | 46022 | 66 Style Blade |
| R 46024 | 46024 | 110 Style Blade |
| R 46025 | 46025 | BIX Style Blade |

ProPunch™ 110 Multi-pair Punchdown



Terminates and cuts up to five pairs of data/voice cable at the same time! We designed it to perform over 30,000 cycle punches and to terminate most 23 AWG cable pairs in one punch! This tool delivers more than one and a half times the force of other multi-punchdown tools on the market today. The rugged “no-slip” handle fits comfortably in your hand with the handle end contoured to the heel of your hand.

- Fewer punches saves time.
- Smooth operation and rugged, comfortable handle absorbs punch recoil.
- Terminates 28-22 AWG (.08 - .34 mm²) solid or stranded wires with single insulation.
- Cut and punch blade cassette or switch blades for punch only.
- Designed to work with 23 AWG CAT 6 cable.

| CAT. NO. | DESCRIPTION |
|-----------------|-----------------------------------|
| PA3560 | ProPunch 110 with 5-pair head |
| PA3561 | ProPunch 110 with 4-pair head |
| R PA4560 | Replacement 5-pair head |
| R PA4561 | Replacement 4-pair head |
| R PA4562 | Replacement 5-pair blade cassette |
| R PA4563 | Replacement 4-pair blade cassette |

Non-Impact Punchdown Tools with Fixed Blades



- Non-impact, low-cost punchdown tools for 110, 66 & BIX.
- Works with 28-22 AWG (.08 - .5 mm²).
- Solid or stranded, single insulation wire.
- Comfortable rubber handle grip.
- Performs both cut and punch functions.
- Perfect for small jobs and the do-it-yourself installer.
- Fits in the palm of your hand.
- Typically lower in cost than replacement blades for punchdown tools.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|---------------------|--------|
| PA3580 | 110 Punchdown Tool | 3 oz |
| PA3581 | 66 Punchdown Tool | 3 oz |
| PA3582 | BIX™ Punchdown Tool | 3 oz |

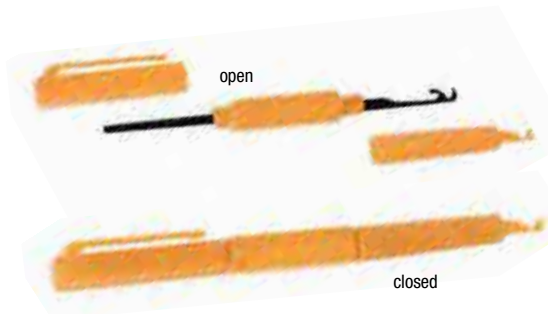
Punchdown Stripper



- Self-regulating strip depth.
- Fast and easy to use.
- Great for CAT-5, CAT-5e, and CAT-6 data cable.
- Built-in 110 punchdown (punch only).

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|--------------------|--------|
| PA1913 | Punchdown stripper | 2 oz |

Pocket Probe Pick



Probe pick for pulling wire, slicing, stripping cable and cleaning debris off terminal panels. Small and lightweight—pen-sized with clip for carrying in pocket.

- Spudger tip.
- Wire hook.
- Wire stripper and slitting tooth.
- Non-conductive scraping tip.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|-------------------|--------|
| PA1915 | Pocket probe pick | 3 oz |

Can Wrench



- Strips PVC insulation.
- Strips outer jacket of AWG 22/4 and 24/4 telephone cable.
- Strips insulation of AWG 22 (.34 mm²) and AWG 24 (.20 mm²) wire.
- 3/8" (9.5 mm) and 7/16" (11 mm) hex sockets for accessing panels.
- Durable shock-resistant design.

| CAT. NO. | DESCRIPTION: HEAVY DUTY KEYSTONE TIP- | WEIGHT |
|----------|---------------------------------------|--------|
| PA1900 | Can Wrench | 5 oz |

Jack Terminator

NEW PRODUCT



- High-grade, hardened steel frame offers superior performance and durability.
- Ratcheted action to ensure proper, consistent termination.
- Adjustment feature for extra leverage applications.
- Quick-change punch sets require no tools.
- Removable jack cradle allows for alternate lacing option.
- Punch heads can be purchased separately.
- Rubber-embedded handles provide extra comfort.
- For use with Modular Jacks listed below including CommScope® (Systemax®, Uniprise®), Leviton®, OCC®, HellermannTyton®, Hubbell®Premise Wiring and Legrand® (Ortronics®).
- Lifetime Warranty (crimper frame only).

SPECIFICATIONS

| Specifications | Pa8100 | General Jack Terminator™ With Punch Down Head-Set | General Punchdown Head-Set | General Punch Head Only |
|----------------|------------------|---|----------------------------|-------------------------|
| Length | 9.6" (245 mm) | 9.75" (248 mm) | 1.6" (40 mm) | 1" (26 mm) |
| Height | 3.25" (80 mm) | 4" (102 mm) | 4" (102 mm) | 2.1" (55 mm) |
| Width | 1.25" (32 mm) | 1.25" (32 mm) | 1.25" (32 mm) | 1.25" (32 mm) |
| Weight | 1.25 lbs (575 g) | 1.4 lbs (652 g) | 2 oz (54 g) | 0.8 oz (23 g) |

| CAT. NO. | DESCRIPTION | JACK COMPABILITY |
|-----------------|--|---|
| PA8100 | Jack Terminator™ Crimper Frame | Punchdown Head Set not Included |
| PA8105 | Jack Terminator™ with Punchdown Head-Set | Systemax® - MPS100E, Uniprise® UNJ600/500 |
| R PA3711 | Replacement Punchdown Head-Set | Systemax® - MPS100E, Uniprise® UNJ600/500 |
| R PA3811 | Replacement Punch Head Only | Systemax® - MPS100E, Uniprise® UNJ600/500 |
| PA8106 | Jack Terminator™ with Punchdown Head-Set | Systemax® - MGS400, MGS500, MGS600 |
| PA3712 | Replacement Punchdown Head-Set | Systemax® - MGS400, MGS500, MGS600 |
| PA3812 | Replacement Punch Head Only | Systemax® - MGS400, MGS500, MGS600 |
| PA8107 | Jack Terminator™ with Punchdown Head-Set | Leviton® - 41106, 41108, 5G108 |
| PA3713 | Replacement Punchdown Head-Set | Leviton® - 41106, 41108, 5G108 |
| PA3813 | Replacement Punch Head Only | Leviton® - 41106, 41108, 5G108 |
| PA8108 | Jack Terminator™ with Punchdown Head-Set | Leviton® - 61110, 5G110, 6110G |
| PA3714 | Replacement Punchdown Head-Set | Leviton® - 61110, 5G110, 6110G |
| PA3814 | Replacement Punch Head Only | Leviton® - 61110, 5G110, 6110G |
| PA8109 | Jack Terminator™ with Punchdown Head-Set | OCC® - KMJA5E, KMJA6, K6A |
| PA3715 | Replacement Punchdown Head-Set | OCC® - KMJA5E, KMJA6, K6A |
| PA3815 | Replacement Punch Head Only | OCC® - KMJA5E, KMJA6, K6A |
| PA8110 | Jack Terminator™ with Punchdown Head-Set | HellermannTyton® - RJ45FC5E, RJ45FC6 |
| PA3716 | Replacement Punchdown Head-Set | HellermannTyton® - RJ45FC5E, RJ45FC6 |
| PA3816 | Replacement Punch Head Only | HellermannTyton® - RJ45FC5E, RJ45FC6 |
| PA8111 | Jack Terminator™ with Punchdown Head-Set | Hubbell® - HXJ Series |
| PA3717 | Replacement Punchdown Head-Set | Hubbell® - HXJ Series |
| PA3817 | Replacement Punch Head Only | Hubbell® - HXJ Series |
| PA8112 | Jack Terminator™ with Punchdown Head-Set | Ortronics® - TJ5E00, TJ600, TJ610 |
| PA3718 | Replacement Punchdown Head-Set | Ortronics® - TJ5E00, TJ600, TJ610 |
| PA3818 | Replacement Punch Head Only | Ortronics® - TJ5E00, TJ600, TJ610 |

All-in-One UTP Snagless Crimper



- Cuts and strips round or flat cable.
- All metal construction.
- Cushion grips for improved comfort and control.
- For standard and "snagless" RJ45 connectors.
- Also crimps RJ11/22 and RJ22 WE/SS style plugs.

| CAT. NO. | DESCRIPTION |
|----------|---------------------------------|
| PA1561 | All-in-One UTP Snagless Crimper |

All-in-One Ultra Telephone Tools



PA901014



- 4 crimp functions with a single tool without changing dies.
- Crimps 4-position RJ22 handset.
- Crimps 4- and 6-position RJ11/RJ12 connectors.
- Crimps 8-position RJ45 (non-keyed).
- Embedded cable cutter and stripper.
- Crimps 28-24 AWG (.08 - .20 mm²) telephone and data cables.
- Advanced ratchet system.
- Precision die-cast aluminum head.
- Crimps 6-position RJ11-DEC offset type connectors (P/N 901014).

| CAT. NO. | DESCRIPTION |
|----------|--|
| PA901014 | All-in-One Ultra Telephone Tool AMP (Tyco) |
| PA901016 | All-in-One Ultra Telephone Tool (WE/SS) |
| PA2530 | Replacement blade kit |

All-in-One Pro Telephone Tools



PA1530R



- Crimps 4-position RJ22 connectors.
- Crimps 4- and 6-position RJ11/RJ12 connectors.
- Crimps 8-position RJ45 (non-keyed) connectors.
- Embedded cable cutter and stripper.
- Crimps 28-24 AWG (.08 - .20 mm²) telephone and data cables.
- Comfortable rubber-embedded handles.
- Built-in safety ratchet release.

| CAT. NO. | DESCRIPTION |
|----------|--|
| PA1540 | All-in-One Pro Telephone Tool AMP (Tyco) |
| PA1530R | All-in-One Pro Telephone Tool (WE/SS) |
| PA2530 | Replacement blade kit |

Telephone Ratchet Crimper



45553
Typically used for Modular Plug Connectors
(See page 297).



45575
Typically used for Modular Plug Connectors
(See page 297). Our Telephone Ratchet Crimper was designed with a compact head to fit into tight spaces and ergonomic handles for operator comfort.

- Combination tool terminates 8-position, 6-position and 4-position (45575 only) modular style plugs.
- No need to change crimping dies.
- Full-cycle ratchet mechanism provides consistent, quality terminations every cycle.
- Straight action ensures uniform crimp.
- Small, compact design.
- Built-in wire cutter and stripper for flat cable.
- All-steel frame has rust-resistant, black oxide finish.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------|
| 45553 | 45553 | Telephone Ratchet Crimper |
| 45575 | 45575 | Telephone Ratchet Crimper |

Modular Plug Connectors

RJ45



SNAGLESS



RJ11



RJ45

- RJ45 8-conductor modular plugs.
- 50 micron gold plating.
- Meets or exceeds EIA/TIA specifications.

RJ11

- RJ11 6-conductor modular plugs.
- For use with stranded wire.
- 50 micron gold plating.

WE/SS-STYLE 8P8C CONNECTORS

| CONNECTOR TYPE | CABLE TYPE | QUANTITY | CAT. NO. |
|----------------|---|----------|----------|
| RJ45 | Cat5e, Solid or Stranded Round, Flat or Oval | 10/Pack | PA9546 |
| | | 50/Pack | PA9655 |
| | | 100/Pack | PA9549 |
| RJ45 | Cat3, Stranded, Round | 10/Pack | PA9521 |

SNAGLESS CONNECTORS

| CONNECTOR TYPE | CABLE TYPE | QUANTITY | CAT. NO. |
|----------------|--|----------|----------|
| RJ45 | Solid or Stranded Round, Flat or Oval | 10/Pack | PA9588 |
| | | 40/Pack | PA9589 |

WE/SS-STYLE 6P6C CONNECTORS

| DESCRIPTION | | | |
|----------------|--|----------|----------|
| CONNECTOR TYPE | CABLE TYPE | QUANTITY | CAT. NO. |
| RJ11 | Solid or Stranded Round, Flat or Oval | 10/Pack | PA9520 |

CrimpALL® 8000 Series Crimpers



- Ultra-smooth, fully ratcheting crimp cycle with built-in safety release.
- Interchangeable die sets of heat-treated steel for long life.
- Soft, rubber-embedded handles.
- Long-lasting tool that delivers over 50,000 crimp cycles.
- Rugged, double-plated jaw design to increase life span.
- Lifetime warranty on tool; one-year on die sets.
- Angled head to prevent awkward wrist bending during operation.
- Reduced handle grip distance makes it easy for both small and large hands.
- Higher crimp force produced with less hand force so hand doesn't tire as quickly.
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the CrimpALL does the work.
- Manufactured using the newest fine blanking technologies.
- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required.

| CAT. NO. | DESCRIPTION |
|----------|-------------|
|----------|-------------|

| | |
|--------|--|
| PA8000 | CrimpALL® tool frame |
| PA2303 | Replacement EZI-Change™ die screws (2) |
| PA2306 | Replacement fixed die screws (2) |

1300 Series Crimpers




















- Fully-ratcheting cycle with built-in safety release.
- Interchangeable die sets of heat-treated steel for long life.
- Easy to use and maintain.
- Available as complete tool with die set inserted or separate tool frame and individual die sets.
- Foam-lined case available to hold frame and 6 die sets together.
- Lifetime warranty on tool; one-year on die sets.
- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required.
- Most precise and tightest tolerances on die sets in the industry.
- Six ratchet gear settings for optimum crimp performance.

| CAT. NO. | DESCRIPTION |
|----------|-------------|
|----------|-------------|

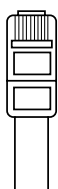










| | |
|----------|--|
| PA1302 | Crimp tool frame |
| PA2303 | Replacement EZI-Change™ die screws (2) |
| PA2306 | Replacement fixed die screws (2) |
| PA901013 | 1300 crimp case |
| PA2346 | Replacement Spring |

CrimpALL® Interchangeable Die Sets for Coaxial Connectors

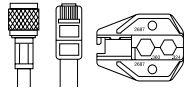
| DESCRIPTION | | | | CAT. NO. | CAT. NO. | |
|--|---|--|------------------|----------|--|--|
| CABLE TYPE | CONNECTION | CRIMP SIZES | TOOL WITH DIE | DIE ONLY | REMARKS | |
|  RG58, RG59, RG62AU | BNC/TNC and 3 Piece | 0.256" (6.5mm), 0.213" (5.4mm), 0.068" (1.7mm) HEX | PA8001 PA1317 | PA2034 | Common 2-piece and 3-piece BNC/TNC | |
|  RG174, RG59/62, mini-coaxial 75-ohm | HDTV SMA, True 75-ohm BNC/TNC, Mini-UHF | 0.255" (6.5mm), 0.197" (5.0mm), 0.178" (4.5mm), 0.068" (1.7mm) HEX & 0.042" (1.0mm) SQ | PA8002 PA1366 | PA2648 | Common 2-piece and 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.) | |
|  RG59, RG6, Belden 8281, Belden 1694A | HDTV BNC/TNC/CATV "F" True 75-ohm | 0.324" (8.2mm), 0.255" (6.5mm), 0.068" (1.7mm) HEX & 0.052" (1.3mm), 0.042" (1.0mm) SQ | PA8003 PA1367 | PA2649 | Common 2-piece and 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.) | |
|  RG6, Belden 1694, Bleden 1694A | HDTV BNC/TNC True 75-ohm | 0.278" (7.0mm), 0.275" (6.9mm), 0.068" (1.7mm) HEX & 0.042" (1.0mm) SQ | PA8004 PA1368 | PA2657 | Common 3-piece BNC/TNC (Kings & ADC HDTV) | |
|  RG58, Mini-59, RG-174, small coaxial | SMA, SMB, Mini-59 BNC/TNC, Mini-UHF | 0.128" (3.2mm), 0.213" (5.4mm), 0.197" (5.0mm), 0.178" (4.5mm), 0.068" (1.7mm) HEX & 0.042" (1.0mm) SQ | PA8005 PA1363 | PA2653 | Common 2-piece and 3-piece SMA/SMB/BNC/TNC & Mini-UHF | |
|  RG58, RG174, AT&T 735, 50 and 75-ohm | Thinned, BNC/TNC, Mini-UHF | 0.213" (5.4mm), 0.178" (4.5mm), 0.068" (1.7mm) HEX & 0.042" (1.0mm) SQ | PA8006 PA1335 | PA2046 | 50/75 ohm small 2-piece & 3-piece BNC/TNC (Kings, ADC, etc.) | |
|  RG59, RG62, Belden 8281, 50 and 75-ohm | BNC/TNC and Mini-UHF | 0.315" (8.0mm), 0.252" (6.4mm), 0.068" (1.7mm), HEX 0.042" (1.0mm) SQ | PA8007 PA1336 | PA2047 | 75 ohm 2-piece & 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.) | |
|  RG174, RG179 and Small Cable Connection | BNC/TNC | 0.178" (4.5mm), 0.128" (3.2mm), 0.068" (1.7mm) HEX | PA8008 PA1338 | PA2051 | Common 2-piece and 3-piece BNC/TNC/SMA/SMB | |
|  RG58, RG59, RG62AU, RG6 Teflon/Plenum | BNC/TNC | 0.325" (8.2mm), 0.215" (5.46mm), 0.065" (1.7mm) HEX | PA8009 PA1347 | PA2075 | 2-piece and 3-piece BNC/TNC AIM/Cambridge | |
|  RG6, RG58 | BNC/TNC | 0.320" (8.13mm), 0.210" (5.33mm), 0.185" (4.7mm) HEX | PA8010 PA1348 | PA2076 | 2-piece BNC/TNC AIM/Cambridge, Kings, Amphenol | |
|  Belden 1694A, Belden 1695A | BNC/TNC | 0.315" (8.0mm), 0.68" (1.7mm) HEX | PA8011 PA1349 | PA2082 | Common 2-piece and 3-piece BNC/TNC | |
|  RG6 and RG6 Quad, Belden 1694A | BNC and CATV "F" Type & HDTV | 0.360" (9.1mm), 0.324" (8.2mm), 0.068" (1.7mm) HEX | PA8012 PA1356 | PA2045 | Common 2-piece and 3-piece BNC/TNC and CATV "F" 2-piece | |
|  RG59, RG6 Video Cable | CATV "F" Type | 0.346" (8.8mm), 0.319" (8.2mm), 0.256" (6.5mm) HEX | PA8013 PA1328 | PA2042 | Crimps Ferrules or Sleeves Only | |
|  RG8, RG11, RG213 | N-Type | 0.429" (10.9mm), 0.100" (2.54mm), 0.080" (2.03mm) HEX | PA8014 PA1365 | PA2656 | Common 2-piece and 3-piece "N"-Type (Kings, ADC, Amphenol, etc.) | |
|  RG8, RG11, RG213, RG216 | N-Type, MS39012 Type | 0.415" (10.5mm), 0.095" (2.4mm) HEX | PA8015 PA1319 | PA2039 | Crimps Pins and Ferrules | |
|  RG8, RG213 | BNC/TNC | 0.402" (10.2mm), 0.094" (2.4mm), 0.079" (2.0mm) HEX | PA8016 PA1337 | PA2050 | Common 2-piece and 3-piece BNC/TNC | |
|  Belden 1855A, 1865A, 1505A, 1505F, 1694A, 1694F, 179DT | HDYV BNC/TNC True 75-ohm | 0.178" (4.5mm), 0.255" (6.5mm), 0.278" (7.0mm), 0.068" (1.7mm), 0.041" (1.0) HEX | PA8049 PA1389 | PA2699 | Kings, ADC, B&L, Trompeter, Amphenol, Switchcraft | |

Teflon® is a registered trademark of Dupont

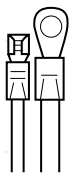



CrimpALL® Interchangeable Die Sets for Modular Plugs

| DESCRIPTION | | | | CAT. NO. | CAT. NO. | |
|---|----------------------------------|---|------------------|----------|--|--|
| CABLE TYPE | CONNECTION | CRIMP SIZES | TOOL WITH DIE | DIE ONLY | REMARKS | |
|  RJ45 - 8P8C (8 Pin) | Flat/Round, Solid/Stranded | RJ45 Unkeyed WE and SS | PA8030 PA1307 | PA2061 | Western Electric (WE)/Stewart Connector (SS) | |
|  RJ11 & RJ12 - 6P6C, 6P4C, 6P2C | Flat/Round, Solid/Stranded | RJ11 & RJ12 Unkeyed WE and SS | PA8031 PA1340 | PA2062 | Western Electric (WE)/Stewart Connector (SS) | |
|  RJ22 Handset - 4P4C (4 Pin) | Flat/Round, Solid/Stranded | 4 Pin Handset WE and SS | PA8032 | PA2063 | Western Electric (WE)/Stewart Connector (SS) | |
|  RJ45 - 8P8C (8 Pin) | Flat/Round, Solid/Stranded | RJ45 Unkeyed AMP | PA8033 PA1342 | PA2064 | AMP (Tyco) Inc. Connectors Only | |
|  RJ11 & RJ12 (6P6C, 6P4C, 6P2C) | Flat/Round, Solid/Stranded | RJ11 & RJ12 Unkeyed AMP | PA8034 | PA2065 | AMP (Tyco) Inc. Connectors Only | |
|  RJ11 DEC-MMJ OFFSET-6P6C | Flat/Round, Solid/Stranded | RJ11 DEC/MMJ OFFSET | PA8035 PA1344 | PA2067 | AMP (Tyco) Inc. Connectors Only | |
|  RJ50 - 10P10C (10 Pin) | Flat/Round, Solid/Stranded | RJ50 Unkeyed WE and SS | PA8036 PA1345 | PA2068 | Virginia Plastics (VP) | |
|  British Telecom 6 Pole Plug | Flat/Round, Solid/Stranded | BT 6 Pole | | PA2032 | British Telecom Plugs Only | |
|  RJ45, Hirose Connectors, Short Body | Rounded, Shielded (STP) | RJ45 STP Hirose Connectors, Short Body | | PA2672 | Hirose | |
|  RJ45, Molex Connectors for 5.0 dia. Cable | 5.0mm Dia. Round, Shielded (STP) | RJ45 STP Molex Connectors, 5.0mm dia. cable | PA1373 | PA2673 | Molex | |
|  RJ45, AMP/Molex Connectors for dia. Cable | 6.0mm Dia. Round, Shielded (STP) | RJ45 STP AMP & Molex, 6.0mm dia. cable | | PA2674 | AMP (Tyco) Inc. & Molex | |



CrimpALL® Interchangeable Die Sets for Specialty Crimpers

| DESCRIPTION | | | | CAT. NO. | CAT. NO. | |
|--|-------------------------------|--|------------------|----------|--|--|
| CABLE TYPE | CONNECTION | CRIMP SIZES | TOOL WITH DIE | DIE ONLY | REMARKS | |
|  RJ45 WE/SS & RG6/RG6 Quad CATV "F" | UTP 4-Pair & RG6/ RG6 Quad | RJ45 WE/SS 8-pin & 0.360" (9.1mm) HEX/0.324" (8.2mm) HEX | PA8045 PA1387 | PA2687 | For standard RJ45 WE/SS Modular Plugs & 1-piece RG6/RG6 Quad CATV "F" conns. | |





CrimpALL® Interchangeable Die Sets for Insulated Terminal Crimpers

| DESCRIPTION | | | | CAT. NO. | CAT. NO. | |
|---|---|--|--|------------------|----------|---|
| CABLE TYPE | CONNECTION | CRIMP SIZES | TOOL WITH DIE | DIE ONLY | REMARKS | |
|  |  Insulated Terminals and Lugs | Solid or Stranded Wire, 22-10 AWG (.34 - 6 mm ²) | 12-10 (Yellow), 16-14 (Blue), 22-18 (Red), (6-4 / 2.5 - 1.5 / .34 - .75 mm ²) | PA8021 PA1305 | PA2035 | For Large Professional Terminals (Panduit, T & B, etc.) |
| |  Insulated Terminals and Lugs | Solid or Stranded Wire, 22-12 AWG (.34 - 4 mm ²) | 12-10 (Yellow), 16-14 (Blue), 22-18 (Red), (4/1.5 - 2.5 / .34 - .75 mm ²) | PA8022 PA1308 | PA2040 | For Standard Commercial Terminals (Hardware Store Brands) |
| |  Insulated Terminals and Lugs | Solid or Stranded Wire, 26-14 AWG (.10 - 2.5 mm ²) | 16-14 (Blue), 22-18 (Red), 22-26 (Yellow) (1.5 - 2.5 / .34 - .75 / .34 - .10 mm ²) | PA8023 PA1334 | PA2029 | For Smaller Wire Barrel Terminals |



CrimpALL® Interchangeable Die Sets for Non-Insulated Terminal Crimpers

| DESCRIPTION | | | | CAT. NO. | CAT. NO. | |
|---|---|---|--|------------------|----------|-----------------------------------|
| CABLE TYPE | CONNECTION | CRIMP SIZES | TOOL WITH DIE | DIE ONLY | REMARKS | |
|  |  Non-Insulated Terminals and Lugs | Solid or Stranded Wire, 22-8 AWG (.34 - .10 mm ²) | 10-8 / 14-12 / 18-16 / 22-20 (6 - 10 / 2.5 - 4 / .75 - 1.5 / .34 - .50 mm ²) | PA8024 PA1322 | PA2031 | For Standard Commercial Terminals |

CrimpALL® Interchangeable Die Sets for Open Barrel, Box and Terminal Systems

| DESCRIPTION | | | | CAT. NO. | CAT. NO. | |
|---|--|---|--|------------------|----------|--|
| CABLE TYPE | CONNECTION | CRIMP SIZES | TOOL WITH DIE | DIE ONLY | REMARKS | |
|  |  Open Barrel Non-Insulated Terminals, Narrow Lugs and Power Contacts | Solid or Stranded Wire, 22-10 AWG (.34 - 6 mm ²), F Type* | 22-18 / 16-14 / 12-10 (.34 - .75 / 1.5 - 2.5 / 4-6 mm ²) | PA8026 PA1306 | PA2033 | For Standard Commercial Terminals |
| |  Open Barrel Non-Insulated Terminals, Wide Lugs and Power Contacts | Solid or Stranded Wire, 22-14 AWG (.34 - 2.5 mm ²), F Type* | 16-14 / 22-18 (1.5 - 2.5 / .34 - .75 mm ²) | PA8027 | PA2096 | For Standard Commercial Terminals |
| |  Open Barrel D-Sub Contact Pins RS-232 | Solid or Stranded Wire, 28-20 AWG (.08 - .50 mm ²), F Type* | 28-24 / 22-20 (.08 - .2 / .34 - .5 mm ²) | PA8029 PA1359 | PA2097 | For Standard D-sub Pins Only; not for HD D-sub |

CrimpALL® Interchangeable Die Sets for Wire Ferrules

| DESCRIPTION | | | | CAT. NO. | CAT. NO. | |
|---|--|--|---|------------------|----------|----------------------------------|
| CABLE TYPE | CONNECTION | CRIMP SIZES | TOOL WITH DIE | DIE ONLY | REMARKS | |
|  |  Insulated & Non-Insulated Wire Ferrules | Solid or Stranded Wire, 22-10 AWG (.34 - 6 mm ²) | 22-20 / 18-16 / 14-12 / 10 (.34 - .55 / .75 - 1.5 / 2.5 - 4 / 6 mm ²) | PA8025 PA1360 | PA2095 | For DIN or US Type Wire Ferrules |

D-sub Indent Crimpers



- Adjustable Pin Height Locator
- Cushion Grips for comfort.

| CAT. NO. | DESCRIPTION |
|----------|----------------------------------|
| PA1460 | D-sub 4 Indent Crimper 26-20 AWG |
| PA1461 | D-sub 4 Indent Crimper 20-12 AWG |
| PA1462 | D-sub 8 Indent Crimper 26-20 AWG |

Electrical Terminal Crimper



- D-sub Pins & Sockets 26-28 AWG.
- Butt-Insulated Connectors 22-26 AWG.
- Telephone Piercing Spade Lugs 22-26 AWG.
- Open Barrel Connectors 14-18, 20-22 AWG.

| CAT. NO. | DESCRIPTION |
|----------|---|
| PA1176 | Multi-Purpose Electrical Terminal Crimper |

EDAC/ELCO Crimper



Pin locators



- Crimp tool for broadcast professionals terminating loose 28-18 AWG (.08-75 mm²) EDAC and ELCO rack and panel open barrel contacts.
- Crimps EDAC pins 516-290-590 & 516-290-591 along with ELCO pins 000-60-8017-03-13
 - Embedded pin locators properly align pins to ensure accurate, reliable crimping
 - Fully-ratcheted to prevent under crimping
 - Requires low hand force and provides superior crimp force
 - True ergonomic design for extreme comfort and performance
 - Non-slip, soft rubber handles
 - Double-plated for extended long-life and crimping accuracy
 - Factory-calibrated and set for precision

SPECIFICATIONS

Weight 19 oz. (538 g)

| CAT. NO. | DESCRIPTION |
|----------|-------------------|
| PA1670 | EDAC/ELCO Crimper |

Open Barrel Contact Pin Crimper



Professional crimping tool for open-barrel box and round connector contacts with a wire range of 30-18AWG (0.05-.75 mm²)

- Precision fixed dual-plate dies for crimp accuracy
- Crimps non-insulated terminal lugs, cable lugs and parallel and serial splices or "F-Type"
- Works with Molex, Waldom & Leoco-type connectors
- Durable steel construction for long life
- Rubber-embedded ergonomic handles for low-effort operation

SPECIFICATIONS

| | |
|---------------|--|
| Weight | 14 oz. (400 g) |
| Range | Small: 30-24 AWG (0.05-.20 mm ²) Medium: 22-18 AWG (.34-.75 mm ²) |

| CAT. NO. | DESCRIPTION |
|----------|---------------------------------|
| PA1645 | Open Barrel Contact Pin Crimper |

Open Barrel Contact Pin Crimper



Professional crimping tool for open-barrel box and round connector contacts with a wire range of 24-14 AWG (0.2-2.5 mm²)

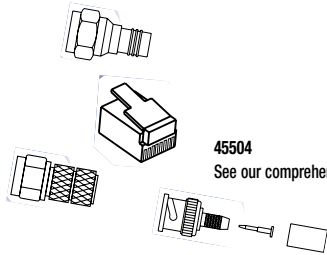
- Precision fixed dual-plate dies for crimp accuracy
- Built-in locator
- Crimps non-insulated terminal lugs, cable lugs and parallel and serial splices or "F-Type"
- Works with Molex, Waldom & Leoco-type connectors
- Durable steel construction for long life
- Rubber-embedded ergonomic handles for low-effort operation

SPECIFICATIONS

| | |
|---------------|--|
| Weight | 14 oz. (400 g) |
| Range | Small: 24-22 AWG (0.05-.20 mm ²) Medium: 18-14 AWG (.34-.75 mm ²) |

| CAT. NO. | DESCRIPTION |
|----------|---------------------------------|
| PA1631 | Open Barrel Contact Pin Crimper |

Kwik Cycle® 9" Crimp Frame


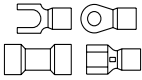

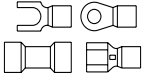

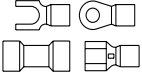

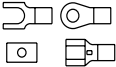


45504
See our comprehensive line of connectors on pages 288-297.

- Used to manually crimp a wide variety of connectors and terminals to factory specifications.
- Frame features a precision full-cycle ratchet for accurate, repeatable crimps every cycle.
- Crimp release lever improves throughput by eliminating rejected terminations due to improper connector positioning.
- Frame features a tension adjustment preset at the factory for optimum performance.
- High-leverage force and ergonomically-designed handle provides comfortable use.
- Frame and dies are manufactured from heat-treated, hardened tool steel for superior function and long life.
- All die sets are easily interchangeable with a simple screwdriver.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------|
| 45504 | 45504 | Kwik Cycle 9" Crimp Frame |

Kwik Cycle® 9" Interchangeable Die Sets for Insulated & Non-Insulated Terminals

| DESCRIPTION | | | CAT. NO. | UPC NO. | CAT. NO. | UPC NO. |
|---|--|---------------|----------|---------|----------|---------|
| CONNECTION | FEATURES | TOOL WITH DIE | DIE ONLY | | | |
|  22-10 AWG |  Color Coded nests for easy identification Standard insulated terminals, ring tongue, spade lug, slide on and butt splices | 45500 | 45500 | 45509 | 45509 | |
|  22-10 AWG |  Color Coded nests for easy identification for fully insulated slide-on style connectors AMP Ultrafast™ style | 45501 | 45501 | 45570 | 45570 | |
|  26-16 AWG |  For mini insulated terminals with smaller wire barrels. Ring tongue, spade, slide on and butt splices | | | 45565 | 45565 | |
|  22-8 AWG |  For non-insulated terminals and splices | 45505 | 45505 | 45507 | 45507 | |

Heat Gun



- Electronic variable heat control ranging from 250-1100° F (120-590° C).
- Two speeds: high & low.
- Double insulation safeguards injury from possible electrical failure inside gun.
- Comfortable, lightweight design reduces operator fatigue.
- Three nozzles included: window nozzle, deflection nozzle and .47" (12 mm) focusing nozzle.
- UL listed.

SPECIFICATIONS

| | |
|---------------------|-----------------|
| Power reqs. | 120VAC 60 Hz |
| Current draw | 7.5 amps max. |
| Power cons. | 1200 watts max. |

| CAT. NO. | DESCRIPTION |
|----------|-------------|
| PA1873 | Heat gun |

Desoldering Tools



- Removes solder with simple push-button operation.
- Standard (regular & anti-static) replacement tips available.
- Repair kits come complete with replacement spring and suction rods.
- Durable metal frame.

CAT. NO. DESCRIPTION: DESOLDERING TOOLS

| | |
|-----------------|-----------------------------|
| PA1700 | Desoldering tool (standard) |
| R PA2712 | Standard replacement tip |

Cable Tie Gun



- For use with plastic cable ties up to 0.25" (6.35 mm) in width.
- Neatly fastens and cuts in one action.
- Adjustable tension for changing cable bundle pressure.
- Automatic cable tie cut off.

CAT. NO. DESCRIPTION

| | |
|----------|---------------|
| PA1828-1 | Cable tie gun |
|----------|---------------|

Note: Leaves 1 mm tab of lock after cut is made.

Kwik Cycle® Cable Tie Guns



- Tension adjustment allows the user to adapt the tool to the size of the tie.
- Automatic cut-off eliminates sharp edges on ties.

CAT. NO. UPC NO. DESCRIPTION

| | | |
|-------|-------|--------------------------|
| 45306 | 45306 | Standard Cable Tie Gun |
| 45300 | 45300 | Heavy-Duty Cable Tie Gun |

HDMI TOOLS

HDMI®* HDFT™ Termination Tool

NEW PRODUCT



- Use with Greenlee® 24 AWG HDFT™ Cable & Connectors.
- Terminates cable using HDFT™ connectors and trims excess wire in one step.
- Ratcheted handles for uniform, complete crimping cycle.
- Interchangeable crimping die sets.
- Includes 8000 Series Frame, HDFT™ Die Set and HDFT™ Assembly Fixture.



VIDEO

A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:

www.youtube.com/GreenleeDEMO

| CAT NO. | UPC NO. | DESCRIPTION |
|---------|---------|--|
| PA8700 | 00097 | Termination Tool with metal loading fixtures |
| PA4002 | 00096 | Metal Loading Fixture (for use in PA8700 Termination Tool) |

HDMI®* HDFT™ Cable Prep Tool

NEW PRODUCT



- Use with Greenlee® 24 AWG HDFT™ cable & connectors.
- Cuts 24 AWG HDFT™ cables, strips outer jacket and twisted pair shielding.
- Curved blade for cutting HDMI®* and HDFT™ cables.
- Precision stripping cavity for removing outer jacket on 24 AWG HDFT™ cables.
- Exclusive cavity for removing twisted pair shielding on 24 AWG HDFT™ cables.

| CAT NO. | UPC NO. | DESCRIPTION |
|---------|---------|-----------------|
| PA1192 | 00072 | Cable Prep Tool |

24 AWG HDMI®* Field Terminating Cable

NEW PRODUCT



- Use with Greenlee® HDFT™ Connectors.
- Make premium HDMI®* High Speed with Ethernet cables.
- Supports HDMI®* 1.4 features: 3D, Ethernet and Audio Return.
- 100' 24 AWG HDFT™ cable.
- Solid-core long grain copper.
- Fifth twisted pair for Ethernet and audio return.
- Other HDMI®* 1.4** features supported: 10.2 Gbps Data Rate, 3D Video Formats, Deep Color and 4k x 2k Resolution.

| CAT NO. | UPC NO. | DESCRIPTION |
|------------|---------|-------------------------------------|
| FTHD24-100 | 00079 | 100' 24 AWG Field Terminating Cable |

HDMI®* Field Terminating Connectors

NEW PRODUCT



- Make custom length, premium HDMI®* cables.
- Eliminates cable clutter.
- Costs less than pre-terminated cables.
- 10 or 50 pack – 24 AWG HDFT™ Connector Components.
- Use With Greenlee® 24 AWG HDMI®* Field Terminating Cable only.
- Includes main connector terminal block and wire guides.
- Guides are mated and colorcoded for 24 AWG HDMI®* Field Terminating cable.
- Make custom length, premium HDMI®* High Speed with Ethernet cables.

| CAT NO. | UPC NO. | DESCRIPTION |
|-----------|---------|--|
| HDCN24-10 | 00073 | Field Terminating Connectors (10 Pack) |
| HDCN24-50 | 00074 | Field Terminating Connectors (50 Pack) |

*HDMI Equivalent
HDMI®* Registered trademark of HDMI Licensing, LLC
HDFT™ Trademark owned by the Quest Group

HDFT™ Pro Deluxe Kit

**NEW
PRODUCT**



- Make custom length, premium HDMI®* cables.
- Eliminates cable clutter.
- Costs less than pre-terminated cables.

14 Piece Kit Includes:

- 1) PA1192 HDMI®* HDFT™ Cable Prep Tool
- (1) PA8700 HDMI®* HDFT™ Termination Tool
- (10) HDCN24-10 HDMI®* Field Terminating Connectors
- (1) PA1175 Media Cable Cutter
- (1) TC-30 Deluxe Carrying Case

| CAT NO. | UPC NO. | DESCRIPTION |
|---------|---------|----------------|
| PA4017 | 00099 | Pro Deluxe Kit |

HDFT™ Pro Kit

**NEW
PRODUCT**



12 Piece Kit Includes:

- (1) PA1192 HDMI®* HDFT™ Cable Prep Tool
- (1) PA8700 HDMI®* HDFT™ Termination Tool
- (10) HDCN24-10 HDMI®* Field Terminating Connectors

| CAT NO. | UPC NO. | DESCRIPTION |
|---------|---------|-------------|
| PA4019 | 00101 | Pro Kit |

Pro HDMI® Cable Tester

**NEW
PRODUCT**



- 14 LED readout for easy checking.
- Sweep function checks for crossed wires.
- 9V battery included.

| CAT NO. | UPC NO. | DESCRIPTION |
|---------|---------|------------------|
| PA1599 | 00075 | Pro Cable Tester |

HDFT™ Die Set

**NEW
PRODUCT**



- Precision cast 4140 steel for durability.
- High tensile steel cutting blades for long life.
- Error-proof design avoids misalignment.

| CAT NO. | UPC NO. | DESCRIPTION |
|---------|---------|-------------|
| PA4003 | 00098 | Die Set |

**HDMI Equivalent
HDMI®* Registered trademark of HDMI Licensing, LLC
HDFT™ Trademark owned by the Quest Group*

WIRE & CABLE IDENTIFICATION

Classic 77 Series Tone Generators

| FEATURES / SPECIFICATIONS | 77HP-G | 77HP-G/6A | 77M-G |
|--|--------------|--------------|-------|
| Selectable Warble Tone | ✓ | ✓ | ✓ |
| Continuity Testing | LED & Beeper | LED & Beeper | LED |
| Polarity Testing | ✓ | ✓ | ✓ |
| Talk Battery Supply | ✓ | ✓ | ✓ |
| Two-line Modular Test Lead (RJ-11) | ✓ | ✓ | ✓ |
| Three-color LED (identifies AC ring voltage) | ✓ | ✓ | ✓ |
| Weather-Resistant Design | ✓ | ✓ | ✓ |
| Bent Nose Clips with Bed-of-Nails Penetrator | ✓ | ✓ | ✓ |
| RJ11 & RJ45 socket | ✓ | ✓ | |
| Lanyard | ✓ | ✓ | |
| Battery Operated (9V not included) | ✓ | ✓ | ✓ |



77HP-G



77HP-G/6A



77M-G

Classic 77 Series Tone Generators

Permits technicians to identify the conductor within a bundle, at a cross-connect point or at the remote end. Can be used on twisted pair wiring (telecom, datacom, etc.), single conductors, coaxial cables, de-energized AC wiring and most other wiring.



77HP-G

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|--------------------------------------|
| 77HP-G | 49991 | 77H-GP Tone Generator |
| 77HP-G/6A | 49992 | 77HP-G/6A Tone Generator (ABN clips) |
| 77M-G | 49993 | 77M-G Tone Generator (basic) |

Note: Not for use on energized AC wiring

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 77CS | 08686 | Leather Belt Holster for Classic 77 Series Tone Generators |



77CS

Replacement Piercing Clips



- These traditional telco-style clips can be used with almost any style cordsets.
- Clips feature bent nose design for use on 66 style punchdown blocks and bed-of-nails penetrator for use on insulated wires.
- Package of two clips with red and black boots.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------|
| RPC | 08710 | Piercing Clips |

Station Master Pro



- Troubleshoot irrigation systems.
- Activate and cycle solenoids.
- Test solenoids for continuity.
- Send tone to identify wires.
- Measure clock voltage.
- Low battery indication.
- Easy-to-understand LEDs.
- Test leads with Bed-of-Nails and piercing Pin Clips.
- 1-year limited warranty.

SPECIFICATIONS

| | |
|--|--|
| Minimum Voltage for Clock LED (LED intensity increases as voltage increases) | 15 VAC |
| Minimum Battery while Testing | 10.5 VDC |
| Maximum Input Voltage between Test Leads | 28 VAC |
| Solenoid Circuit Recharge Time | 2.5 seconds |
| Maximum Distance Range to Activate one Solenoid | 12 AWG Loop 3000-13000 feet 14 AWG Loop 2000-8500 feet 18 AWG Loop 500-3000 feet |
| Power Source | 9V alkaline batteries |
| Battery Life | 3 hours continuous |
| Operating/Storage Temp. | 32°F - 122°F (0° - 50°C) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------|
| 24B | 86786 | Station Master Pro |

Station Master Pro Kit



- Troubleshoot irrigation systems.
- Chatter mode for audible locating of valves.
- Activate any 24V AC valve solenoid.
- Test solenoids for continuity.
- Send tone to identify wires.
- Check clock AC voltage.
- Low battery indication.
- Easy-to-understand LEDs.
- Test leads with 'bed-of-nails' and piercing pin plips.
- Tracing valve wiring.
- Locates underground solenoids.

SPECIFICATIONS

| | |
|--|-----------------------------|
| Minimum voltage for clock LED | 15 VAC |
| Minimum battery while testing | 10.5 VDC |
| Maximum input voltage between test leads: | 28 VAC |
| Solenoid activate output voltage: | 27 to 18 VAC |
| Battery: | 2 - 9V Alkaline batteries |
| Operating/storage temperature: | 32°F to 122°F (0°C to 50°C) |
| Relative humidity (max): | 80% |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------|
| 24BK | 86787 | Station Master Pro Kit |

Professional GX Series Tone Generators



77GX

- Microprocessor controlled circuitry for increased reliability.
- Two-line polarity indication for fast outlet identification.
- Automatic shutoff to prevent battery drain.
- Snag-proof boot prevents broken plug tabs.
- Convenient wrist/hanging lanyard.
- Three distinct, selectable tone signal outputs for multiple line identification.
- Two selectable tone power outputs for use on open and shorted pairs.
- Independent continuity test function.
- Independent talk battery supply with higher output voltage.
- Fixed alligator clips and removable modular plug for multiple connection options.
- 77GX2 includes premium telco-style bent nose clips with piercing pin and bed-of-nails connectors.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| 77GX | 60556 | 77GX Tone Generator |
| 77GX2 | 60560 | 77GX2 Tone Generator |

Note: Not for use on energized AC wiring

AdapToner Modular Breakout Tone Generator



- The AT8 Tone Generator makes it simple to test continuity, polarity, send tone and even supply talk battery to any configuration of pairs in 8-position modular jacks and plugs.
- Combines the features of our tone generators and a modular breakout adapter.
- In-line testing is made simple with both a modular plug and jack on each unit.
- 8-position "snag-proof" modular plug.
- 8-position jack with protective cover.
- Quick reference guide with common wiring configurations.
- Selectable solid/warble tone signal.
- Tone, continuity and talk battery supply using alligator clips.
- Weather-resistant design.
- Battery operated (9V not included).

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| AT8 | 08693 | AdapToner Modular Breakout Tone Generator |

Note: Not for use on energized AC wiring

LAN Toner with HUB Blink and Detect



- The LAN Toner is designed for the network installation and maintenance professional and can be used on any wiring system including datacom, telecom, security/alarm, audio and CATV.
- Blinks HUB, Switch Port, and PC activity lights for fast identification.
- Detect LAN hubs & switches.
- Provides tone signaling, continuity testing and telephone line polarity indication combined with a modular breakout adapter.
- Selectable tone outputs for identifying multiple cable runs.
- Includes multiple connection options.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
| AT8L | 60583 | LAN Toner |

Note: Not for use on energized AC wiring

Tone Test Set



- Our most comprehensive tone test set.
- Traditional alternating tone signal for wire identification.
- Audible line condition testing (level) indicates dead, working and off-hook lines.
- Line 1 and 2 polarity testing using 4-conductor modular plug.
- Improved talk battery supply for communication over inactive pairs.
- Tone and test functions using either modular plug or 24" alligator clip leads.
- Audible resistance level measurement.
- Audible capacitance level measurement.
- Battery operated (9V not included).

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------|
| 600LS | 08680 | Tone Test Set |

Note: Not for use on energized AC wiring

Alarm Loop Verifier/Tone Generator



- Designed specifically for the security and alarm industry, the PE620 can be connected to a Normally Open or Normally Closed loop pair and provides a distinct audible tone when the alarm condition occurs.
- Latching feature provides a simple method for identifying intermittent failures ("swingers") and confirming operation of switches at remote locations.
- In the latching mode, the unit will catch the alarm condition and continue sounding until the tester is reset.
- As a tone generator, the unit provides a traditional variable tone that can be applied using the 24" red and black test leads or a convenient 6-position modular plug.
- Convenient magnetic back plate allows the PE620 to be mounted directly to the control panel cabinet or door.
- Battery operated (9V not included).

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------------------|
| PE620 | 08665 | Alarm Loop Verifier/Tone Generator |

Note: Not for use on energized AC wiring

Data Mate® Precision Tracing Tone Generator



- Trace wire or cable without interfering with digital two-way cable or ADSL services.
- The model 7780 Data Mate Precision Tone Generator is intended to provide tone for tracing and troubleshooting communication circuits without disrupting digital traffic on the line or adjacent lines.
- The high purity of the tracing tones combined with internal isolating filters allows safe tracing on circuits that carry digital services above the baseband (two-way cable and ADSL).
- The high-power differential output of the 7780 makes tones easy to find, even over long distances. Also useful for continuity testing and polarity testing, the 7780 provides the standard warble tone and talk battery supply.
- High Power Tone Output.
- Line Voltage and Polarity Indication.
- High Purity Tone Signal.
- Low Crosstalk.
- Low Battery Indicator.
- Filter-isolated Circuitry.
- Two-way Broadband Compatible.
- Modular and Telco Pro Alligator Leads.
- ADSL Service Compatible.
- Long Range.
- Popular, Standard Warble Tone Frequencies Continuity Testing
- Compatible with existing tone.

SPECIFICATIONS

Electrical

| | |
|-------------------------|--------------------------------------|
| Output Power | +9dBm |
| Output Signal Frequency | 577/982 Hz alternating |
| Output Impedance | 3,500 ohms minimum, 25kHz to 1.1 MHz |

Mechanical

| | |
|----------------------|----------------------------|
| Length 5.5" (140 mm) | Depth 1.0" (25 mm) |
| Width 2.25" (57 mm) | Weight 0.38 lbs. (0.17 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------|
| PE7780 | 60777 | Data Mate Tone Generator |

Note: Not for use on energized AC wiring

Tone Probes Selection Guide

| MODEL NO. | 200B-G | 200EP-G | 200GX | 200FP | 200XP | 500XP |
|--|--------|---------|-------|-------|-------|------------|
| Powerful 2" Rear-fire Speaker | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| One-button Operation | ✓ | ✓ | ✓ | ✓ | ✓ | Two-Button |
| Adjustable Volume Control | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| LED for Visual Signal Strength Indication | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Recessed Tabs for Telephone Test or Headset Connection | | | ✓ | ✓ | ✓ | |
| Headset Jack (audio shock protected) | | ✓ | | | | ✓ |
| LED Flashlight | | ✓ | | | | |
| Noise Filtration | | | | ✓ | ✓ | ✓ |
| Replaceable Tip | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Five-Minute Auto Shutoff | | | | ✓ | ✓ | ✓ |
| Low-battery Indicator | | | | ✓ | ✓ | ✓ |
| Battery Operated (9V not included) | | | | ✓ | ✓ | ✓ |
| Water Resistant | | | | | | ✓ |
| "Mains Power" Warning (acAlert™) | | | | | | ✓ |
| Patented | | | | ✓ | ✓ | ✓ |



Tough & Water Resistant Multi-Filter Tone Probe

NEW PRODUCT



- Water resistant (floats) and tough, combined with all the very best digital signal processing filtering 500XP will help identify signals buried in the worst of noise.
- Cancels all 50 and 60 Hz "mains" harmonics and homes in on key 577 Hz and 983 Hz frequencies if needed.
- Simple two-button operation with dual signal strength indicating LEDs can work with any tone generator.
- Headset allows discrete use in quiet environments and can help in acoustically noisy areas.
- acAlert™ helps warn users if brought near hazardous ac power voltages which may be inaudible if using the advanced filtering.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------------|
| 500XP | 01125 | 500XP Pair Tracing Probe (POS) |
| 500XPB | 01085 | 500XP Pair Tracing Probe (Boxed) |
| HS001 | 01126 | Replacement Headset |

Tone Probe Amplifiers



- Used in conjunction with any tone generator, Tone Probe Amplifiers permit wire and cable identification without having to make direct metallic contact with the conductor.
- All models feature a powerful speaker for noisy environments, recessed on/off button control and high gain for accurate wire identification in congested cable bundles and equipment rooms.
- The 200B-G also includes adjustable volume control for precise identification.
- The 200GX also includes an LED for visual signal strength indication and recessed telephone test set connectors.
- The 200EP-G also includes a headset jack (audio shock protected) and an LED Flashlight for working safely behind furniture, inside racks or in dim lighting conditions.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 200B-G | 49986 | Tone Probe, Basic |
| 200GX | 60557 | Tone Probe, Standard |
| 200EP-G | 49987 | Tone Probe, Standard, with Headset Jack & Flashlight |
| 200C | 08670 | Leather Belt Holster for 200 Series Tone Probe Amplifiers |

Filter Tone Probe



- By selectively filtering out 60Hz (or 50Hz) and its harmonics, the 200FP can be used with any tone generator for faster, more accurate, cable and wire identification.
- Slim, comfortable design for use in limited-space areas.
- Recessed on/off push-button control to conserve battery life.
- Adjustable sensitivity/volume control to increase accuracy.
- Blended carbon/plastic tip to reduce the risk of shorting terminals.
- Patented.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------------|
| 200FP | 08672 | Filter Tone Probe (60Hz mains) |
| 200FP/50 | 60467 | Filter Tone Probe (50Hz mains) |

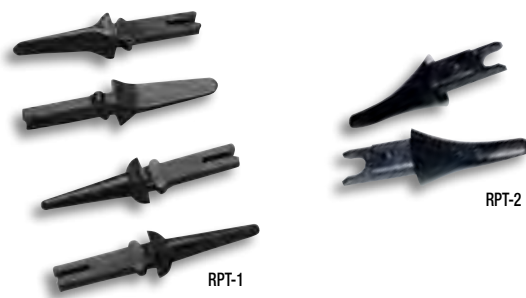
Multi-Filter Tone Probe



- Single button selects between default mode and two kinds of powerful noise filters.
- Filtering means faster, more accurate pair tracing.
- Digital signal processor for accuracy and sensitivity.
- Durable, light weight.
- Audible and visible signal detection.
- Continuous, wide-range volume control.
- Butt set terminals.
- Field replaceable tip, spare tip included.
- Uses a single 9 V battery.
- One probe for many applications.
- Works with any tone generator.
- The narrowband filter mode is especially well suited for 577Hz Telco tone sources and a version is available for 1kHz systems (983Hz).

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 200XP | 60887 | Multi-Filter Tone Probe (60Hz mains, 577Hz narrowband) |
| 200XP/50 | 60888 | Multi-Filter Tone Probe (50Hz mains, 983Hz narrowband) |

Replacement Plastic Tips for 200 Series Probes



- Plastic tips perform much the same as traditional metal tips while reducing the risk of shorting terminals.
- Specially formulated with a carbon powder and carbon fiber blended plastic.
- Tips fit 200B, 200EP, 200GX, 200FP and 200XP probes.
- RPT-1 comes with two pencil-style tips and two spade-style tips.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| RPT-1 | 08711 | Plastic Tips for 200B, 200EP, 200FP and 200XP |
| RPT-2 | 60561 | Plastic Tips for 200GX |

Replacement Metal Tips for 200B and 200EP Probes



- Metal tips provide maximum performance when probing insulated wires or making direct metallic contact.
- Made of nickel-plated brass.
- Tips fit 200B and 200EP probes.
- Package contains two pencil-style tips.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------------------|
| RMT-1 | 08709 | Metal Tips for 200B and 200EP Probes |

Precision Tone Generator



- Used in the telecommunications industry for pair identification and fault locating.
- Supplies a precise 577.5Hz crystal controlled signal frequency.
- Variable output allows technicians to adjust signal strength to suit field conditions and improve accuracy.
- Designed to work with any common amplifier and exploring coil for aerial fault locating.
- For communications over inactive pairs, the unit supplies talk battery to power two telephone test sets (buttsets).
- Each of the three test leads is equipped with traditional bent nose piercing clips with “bed-of-nails” insulation piercing pins.
- The tone generator and test leads fit neatly in a durable, protective woven polyester carrying case with shoulder strap.
- Battery-operated (1 – 6V lantern included).

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------|
| 177 | 08657 | Precision Tone Generator |

SPECIFICATIONS

| | |
|------------------------------|---|
| Power Requirements | One 6V lantern battery |
| Battery Life | 40 hours nominal |
| Transmitter Frequency | 577.5Hz pulsed at 1Hz, crystal controlled |
| Output Voltage | 0.1 to 80Vp-p |
| Output Signal Level | 0 to +30dBm |
| Construction | High impact ABS plastic in woven polyester case |
| Dimensions | 7.25" x 5.5" x 4.5" in case |
| Weight | 3 lbs. with battery |

Load Coil Detector



- Designed for the telecommunications market, the 88 Load Coil Detector will identify the presence and count the number of load coils on an active or inactive circuit.
- No complicated screens or test instructions to decipher.
- Designed to withstand the rigors of daily use, the tester speeds troubleshooting dedicated data circuits. Simply connect the test leads and turn the switch.
- While gradually turning the control, the display will “kick” to signify each coil detected on the pair.
- Accurately identifies and counts up to four load coils on the circuit under test.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------|
| 88 | 08656 | Load Coil Detector |

SPECIFICATIONS

| | |
|---------------------------|-------------------------|
| Power Requirements | One 9V battery |
| Battery Life | 100 hours nominal |
| Construction | High impact ABS plastic |
| Dimensions | 4 x 2.25 x 1.5" |
| Weight | 5.8 oz. with battery |

T-Bug® Digital Signal Identifier



- Used to detect digital signals on twisted pair cables, identify and isolate digital pairs for special handling and help technicians avoid accidentally putting pairs out of service.
- Operation is non-invasive and does not involve metallic contact so there's no risk of service interruption.
- Simple to use – just place the probe between the pairs in question.
- Differential amplifier saves time by allowing the technician to determine whether the signal is truly present or is an induced signal from adjacent pairs.
- False readings due to noise are virtually eliminated.
- Continuous self test ensures that the unit is functioning properly.
- Emits both visible and audible indication when digital signals are present.
- Patented.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|----------------------------------|
| 0134-0500 | 60764 | T-Bug® Digital Signal Identifier |

Classic Tone and Probe Kits

NEW
PRODUCT



701K-G

- 701K-G Kits include the 77HP-G High Power Tone Generator and the 200EP Tone Probe Amplifier in a rugged, woven nylon carrying case (700C).
- 601K-G Kit is a more basic version of the 701K-G kit, and includes the 77M-G Tone Generator and the 200B-G Tone Probe amplifier in a zippered nylon pouch.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|---|
| 601K-G | 49989 | Classic Tone and Probe Kit, Basic |
| 701K-G | 49990 | Classic Tone and Probe Kit, Standard |
| 701K-G/6A | 35775 | Classic Tone and Probe Kit, Standard with ABN clips |

Premium Tone and Probe Kit



- Designed for more accurate wire identification, the 801K virtually eliminates power-related noise from the tone and probe operation.
- Kit includes the 77HP/6A High Power Tone Generator and 200 FP Filter Probe in a convenient Cordura® case (700C).

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------------------|
| 801K | 08690 | Premium Tone and Probe Kit |
| 801K/50 | 60466 | Premium Tone and Probe Kit (50Hz) |

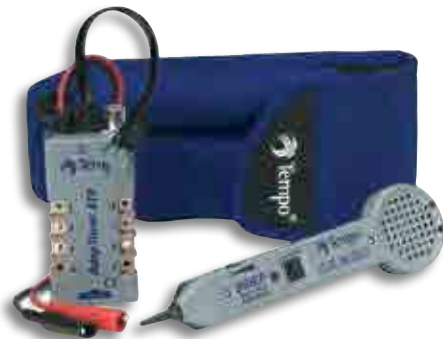
Xpert Tone and Probe Kit



- The Xpert Tone and Probe Kit includes the 77GX (or 77GX2) Tone Generator and 200XP Multi-Filter Tone Probe Amplifier in a rugged, woven nylon carrying case.
- Especially suited for tracing in noisy environments.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------|---------|--|
| 811K | 36001 | Tone and Probe Kit, Xpert |
| 811K/6A-BOX | 26375 | Tone and Probe Kit, Xpert with ABN clips |

AdapToner Kit



- Designed for fast, accurate wire identification by combining the features of our tone generators and modular breakout adapter.
- Kit includes the AT8 Modular Breakout Tone Generator and 200EP Inductive Amplifier in a convenient carrying case (700C).

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------|
| AT8K | 08694 | AdapToner Kit |

802K Digital LAN Tracing Kit



- The 802K Digital LAN Tracing Kit is a powerful, unique troubleshooting and tracing solution for LANs and other types of VDV wiring. The industry standard 200FP filter probe (60Hz) is designed to eliminate hum from fluorescent lights and AC power wiring that can obscure tracing tones.
- The AT8L LAN Toner not only generates multiple tracing tones and provides basic wiring tests, but indicates the presence of 10/100Base-T network service.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------|
| 802K | 36000 | Digital LAN Tracing Kit |

LAN Toner Kit



- Designed for the network installation and maintenance professional, the LAN Toner sends tone and blinks HUB, Switch Port, and PC activity lights for fast identification. This kit can be used on any wiring system including Datacom, Telecom, security/alarm, audio and CATV.
- Kit includes the AT8L LAN Toner and the 200GX Inductive Amplifier in a rugged, woven nylon carrying case (700C).

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------|
| AT8LK | 60584 | LAN Toner Kit |

CATV Cable Tone Test Kit



- Designed specifically for the CATV industry, this kit allows you to tone through splitters, directional couplers and traps.
- Simple to use, the 402K provides accurate results and will eliminate long delays trying to figure out non-tagged or mis-tagged cable drops.
- Kit includes one transmitter, one receiver, one male F-to-F connector adapter cable, one male F-to-alligator clip adapter cable and a carrying case (700C).
- Transmitter and receiver are equipped with female F-connectors.
- Three methods of signal reception: electrostatic pickup for non-terminated cables, electromagnetic pickup for terminated or shorted cables and direct connection when identifying in the presence of passive devices.
- In continuity mode, provides both audible tone and LED display.
- Identifies the presence of AC or DC voltage on the cable under test.
- Four selectable tone outputs for multiple line identification.

| CAT. NO. | UPC NO. | DESCRIPTION |
|---------------|---------|--|
| 402K | 08677 | CATV Cable Tone Test Set |
| R 402T | 60376 | Transmitter |
| R 402R | 60377 | Receiver |
| R CS9 | 60374 | Male to male F-connector adapter cable |
| R CS19 | 60378 | F-connector to alligator clip |

Security and Alarm Kit



- Designed specifically for the security and alarm industry, the 620K provides a simple method for identifying intermittent failures (swingers) and confirming operation of switches at remote locations.
- To better satisfy industry requirements, we've combined the Model PE620 Tone Generator with the popular Model 200EP Inductive Amplifier in a durable woven nylon pouch (700C).

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------|
| 620K | 08682 | Security and Alarm Kit |

Tone and Probe Plus Cable-Check™



RJ45 LAN Tester

- True cable mapping function identifies:
 - Good connection, opens, shorts and crosses.
 - Connector and cable pin-out.
 - Clear LED display for each pin and shield.
 - Shielded RJ45 modular plug socket.
- Automatic display of mapping with dual speeds: slow or fast.
- Tests RJ11 and RJ45 cables with runs up to 600'.
- Check polarity of telephone line.
- View telephone line status: dial tone, ringing or busy line.
- Provides talk power for telephone lines and butt set use.
- Selectable dual/single tone application for balanced and unbalanced circuits.
- Four tone generator patterns.
- Test continuity of wires, cables and loads.
- Tone generator features auto-off function.
- Jack for headset.
- Audible speaker with adjustable volume control.

| CAT. NO. | DESCRIPTION |
|----------|-----------------------------------|
| PA1573 | Tone & Probe Plus Cable-Check Kit |

Cabling Pouch



- Designed to hold a complete set of wiring tools including: any (one) 77 Series Tone Generator, any (one) 200 Series Inductive Amplifier, a punchdown tool, a cabling knife and scissors.
- Convenient loop to hold most telephone test sets.
- Removable “parts pouch” allows you to keep small components in reach.
- Made of a durable woven nylon.
- Fits belts up to 5" wide.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------|
| 750C | 08685 | Cabling Pouch |

Tone and Probe Carrying Case



700C

- Allows you to build your own kit using any tone generator and 200 Series probe.
- Durable woven nylon.
- Fits belts up to 3" wide.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 700C | 08683 | Tone and Probe Carrying Case |
| 711CS | 60559 | Tone and Probe Carrying Case with belt hook |

STRUCTURED WIRING TESTERS

NETcat® Pro 2 NC-500



NC-500



NC-510
(NC-500 not included)

NC-500 Contents:

- NETcat Pro 2 main unit with stylus
- Removable remote jack and patch lead test and ID unit
- Twisted-pair (modular RJ45), coax (F) and alligator clip test cords
- 9V alkaline battery

NC-510 NETcat Pro 2 Accessory Kit Contents:

- Seven additional remote jack test and ID units, RJ45 and F (male)
- Carrying case to hold additional remote test ID units and content of NC-500 main kit

- Test and troubleshoot telephone, data and coax wiring.
- NETcat Pro 2 Additional Features:
 - Gigabit device capability detection (still detects 10baseT and 100baseT too).
 - Cable type, velocity of propagation library, user editable.
 - Power over Ethernet (PoE) detection.
 - Memo pad.
- Detect split pairs, short circuits, broken and crossed wires.
- Step TDR technology shows length to open or short of all pairs.
- Test shielded twisted-pair (STP), unshielded twisted-pair (UTP) & coaxial cables.
- Test patch cords and remote jacks.
- Touch-screen control, included stylus slots into main unit.
- Large icons ensure easy use with your finger too.
- Large 3" (76mm) backlit high-contrast (user adjustable) monochrome display is highly visible in dark or brightly lit areas.
- Remote test and ID unit stores in base of main unit.
- Can identify up to 8 remote test ID units (7 extra available in NC-510 accessory kit along with carrying case).
- Tone generator with four selectable precision frequency tones, compatible with Greenlee advanced digital signal processing probes.
- Operates on single 9V battery with low battery indication.

SPECIFICATIONS

| | | |
|-------------------------------|--|--|
| Dimensions | 3.3" x 1.4" x 6.7" (8.5 cm x 3.5 cm x 17 cm) | |
| Weight | 0.45 lb. (200 g) | |
| Power | 9V Alkaline battery (PP3) | |
| Requirements | | |
| User Interface | Display LCD | Dot Pixels: 128 x 128 dots |
| | Viewing Area | 60.0 x 58.4 |
| | Backlight | White LED |
| | Buttons | LCD touch-screen, Single momentary contact push button |
| Environmental | Operating Temperature | 0°C to 50°C |
| | Storage Temperature | -20°C to 70°C |
| Interface | RJ45 shielded jacks | |
| Connections | F-type threaded female coaxial connectors | |
| TDR | User selectable based on a known cable length. | |
| Calibration | 40% to 100% in steps of 1% | |
| TDR Range | 0 to 2000 ft. - | |
| Resolution | 1 ft. (0.3 m) | |
| Accuracy to Open/Short | ±4% or 2 ft. (0.6 m) whichever is greater | |
| Remote Identifier | 2000 ft. (609.6 meters) maximum distance | |
| Wiremap | 358 ft (100 meters) maximum distance | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|--|---------|--|
| NC-500 | 23639 | NETcat Pro 2 Digital VDV Wiring Troubleshooter |
|  NC-510 | 23640 | NETcat Pro 2 Accessory Kit w/carry case |

NETcat® Micro NC-100



- Tests shielded twisted pair (STP), unshielded twisted pair (UTP) and coaxial cables.
- TIA/EIA standard wiring pair verification.
- Detects shorts, opens, reversed polarity, crossed and split pairs.
- Generates three distinct, selectable digital tone patterns for cable tracing and troubleshooting.
- Tracing modes can be adjusted for high performance LAN cables.
- Complete set of connector types standard (telephone, LAN and coax).
- Nested remote allows end-to-end testing of all wiring types.
- Simple testing of LAN wiring and phone lines.
- Detection of common wiring and connector errors.
- Warning of hazardous voltages.
- Checks for reversed telephone wires.

SPECIFICATIONS

| | | |
|-------------------------------------|--|---|
| Dimensions | 150 x 70 x 33mm | |
| Weight | 220g including remote unit and battery | |
| Power Source | 9V Alkaline battery (PP3) | |
| User Interface | Display LCD | Icon and seven segment type |
| | Backlight | Green LED |
| | Buttons | Four momentary contact push button |
| Environmental | Operating Temperature | 0°C to 50°C |
| | Storage Temperature | -10°C to 60°C |
| | Humidity | up to 95% non-condensing |
| Interface Connections | RJ45 shielded socket | |
| | RJ12 6-way socket | |
| | F-type threaded female coaxial connectors | |
| Network Split Pair Detection | Minimum cable length | 2 to 3 meters (5 to 10 ft.) depending on cable type |
| Pair Tracing Tones | Alternating frequencies of 577Hz and 983Hz are produced at three user selectable rates. Designed for standard tone probes, but compatible with precision digital Greenlee tone probes. | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| NC-100 | 23636 | NETcat® Micro Digital Voice Data and Video Wiring Tester |

LAN ProNavigator™ Tester & Remote

Main



Remote



PA901066

- Simple PASS/FAIL test results in one second allows technicians to quickly move on to the next test site.
- Generates oscillating audio tone for use with tone probes to locate cables.
- Tests data and telephone cables up to 320 feet (100 meters) for proper pairing for EIA/TIA-568A, EIA/TIA-568B, Token Ring, 10 Base T, and common Category 5 configurations.
- Tests unshielded UTP and shielded STP data cable.
- Detects good connections, open connections, crossed wires and split pairs.
- Tests common BNC connected 50 and 75 ohm coaxial cables up to 320 feet (100 meters) for continuity.
- Tests coaxial cable types RG58, RG59, RG6, RG6 Quad, Belden 8281, RG8, RG11 and more.
- Belt clips provided and lanyard holes embedded in case to attach to belt or wrist.
- Features low battery test and auto-off function to preserve battery life.
- Includes standard 9V battery.

| CAT. NO. | DESCRIPTION |
|----------|--|
| PA1543 | LAN ProNavigator™ test set (main & remote), 2 RJ45 patch cords, 2 belt clips, 12 oz.(342 g) |
| PA901066 | LAN ProNavigator™ test set (main & remote), 2 RJ45 patch cords, 2 BNC coaxial cables, 2 CATV "F"-to-BNC adapters, 1 BNC/BNC adapter, 1 shielded RJ45 coupler, 2 belt clips in durable case |
| PA901074 | Adapter, CATV "F" (female) to BNC (male) |

NOTE: May not be compatible with CAT-6 flat or oval cable, or bonded cable.

| SPECIFICATIONS | MAIN | REMOTE | KIT |
|----------------|--|--|---|
| Weight | 8 oz. (228 g) | 2 oz. (57 g) | 2 oz. (1140 g) |
| Dimensions | 5.25" x 6.75" x 2.25" 133 mm x 171 mm x 57 mm | 3.45" x 1.6" x 0.9" 87 mm x 41 mm x 24 mm | 8.5" x 7.6" x 3" 216 mm x 193 mm x 76 mm |

Wiremap Tester



468

- Quickly identifies opens, shorts, reversals and transposed pairs.
- Economical tester includes all the basic functions.
- Connecting the receiver unit automatically activates the test process.
- Sequencing red and green LEDs provide fast, accurate and simple-to-understand results.
- Alerts the technician if connected to an active circuit without harming the unit.
- Connect any eight-position modular plug to the appropriate jack on the transmitter and a sweeping tone signal is applied to all pairs.
- At the far end of the cable, use any Tempo inductive amplifier (probe) to locate the corresponding plug or jack.
- Battery operated (9V not included).

| CAT. NO. | UPC NO. | DESCRIPTION |
|---------------|---------|--------------------------------------|
| 468 | 08661 | Wiremap Tester |
| R 468C | 60382 | Carrying Case for the Wiremap Tester |
| R 468T | 60379 | Transmitter |
| R 468R | 60380 | Receiver |
| R CS10 | 60381 | Modular Adapter Cable |

Data/Link ID and Cable-Check™



- Cable mapping function tests data & phone connection schemes including patch cords and installed cables.
- Identifies cross-over telephone connections.
- Detects PC (NIC) & HUB data transmissions and PC (NIC) & HUB NLP or FLP link pulse.
- Identify data & link transmission speeds with real time detection: 100/10 MB.
- Automatically scans with choice of slow or fast speeds.
- Low battery detection on LAN ID tester.
- Includes 9V battery, 2 RJ45 patch cords and durable nylon carrying case with belt loop.

| CAT. NO. | DESCRIPTION |
|----------|-------------------------------|
| PA1576 | Data/Link ID and Cable-Check™ |

LAN Cable-Check™



- Identifies cross-over telephone connections.
- Automatically scans when cables connected and unit turned on.
- Two scan speeds: fast or slow.
- Maps connector and cable pin-out.
- Tests cables up to 1,650' or 500 m.
- Also tests RJ11 connections using an RJ11 adapter (not included).
- 2, RJ45 patch cords and 9V battery included.
- Contained in a durable nylon carrying case with belt loop.

| CAT. NO. | DESCRIPTION |
|----------|-------------------------|
| PA1574 | LAN Cable-Check™ Tester |

LAN and A/V Cable-Check™



Network

- Tests RJ45 patch cords and network installations to identify good connections, opens, shorts or cross-connections.
- Identifies data and telephone connection schemes.
- Maps cable pin-out.

Coax

- Tests continuity of cords and installed cable runs.
- Identifies good connections, opens and shorts.

Features and Benefits:

- Automatic scanning.
- User selectable slow or fast speeds.
- Quickly check cable installations and patch cords.
- Easy-to-use with clear LED read-outs.

Includes:

- 2 RJ45 patch cords
- 9V battery
- 75-ohm male terminator
- Durable, nylon carrying case
- Cable TV "F" female adapter
- RCA to CATV "F" adapter.

| CAT. NO. | DESCRIPTION |
|----------|--------------------------|
| PA1594 | LAN and A/V Cable-Check™ |

PC Cable-Check® PRO



- Quickly & easily troubleshoot cables to eliminate the cable as the source of a problem.
- True cable mapping for over 20 different cable types: BNC coax & S-Video, VGA, Firewire, USB & Mini-USB, PS/2, parallel printer, RS-232 serial and Cat5e or Cat6 LAN.
- Supports these connectors: male and female DB9, DB15, DB25 and HDB15; 36-pin Centronics printer; RJ11, RJ12, RJ45 shielded & unshielded; BNC coax female; male and female mini-DIN6; female mini-DIN4; USB-A and USB-B; mini-USB 5-pin; IEEE 1394 FireWire 4- and 6-pin
- Tests 50 ohm cables up to 1000' (305 m) & 75 ohm cables up to 600' (183 m).
- Easy to read and understand LED indicator lights.
- New rugged case with built-in handle for easy transport.
- Auto scan or manual scan modes.
- Rubber feet grip to desk or bench to prevent slipping.
- Auto-off after 30 seconds of non-use to extend battery life.
- 9V battery included.

| CAT. NO. | DESCRIPTION |
|----------|---------------------|
| PA1577 | PC Cable-Check® Pro |

CABLE & SERVICE TESTING

TM-700 Tele-Mate® Telephone Test Set TM-700

NEW PRODUCT



- Complete telephone set with ringer
- Phone-to-phone intercom, compatible with other SmartIntercom™ devices
- Modular or alligator clip connection
- Amplified loudspeaker line monitor
- Headset or handset operation
- Tone and pulse dialing
- Large 10-location speed dialing memory
- Multi-memory redial
- DTMF digit detection and measurement
- Tone output mode
- Caller ID with name display
- Call waiting Caller ID
- Missed call indication
- DSL compatible, high impedance monitor and filters
- Glow-in-the-dark keypad
- Line voltage and current display
- High voltage detect and lockout
- High current detect and lockout
- Uses 2 AA/LR6 batteries (included)
- Quick release belt-clip



VIDEO

A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:
www.youtube.com/GreenleeDEMO

SPECIFICATIONS

Technical Specifications

| | |
|---------|----------------|
| Length: | 9.25" (235 mm) |
| Width: | 2.5" (64 mm) |
| Height: | 3.25" (83 mm) |

| CAT NO. | UPC NO. | DESCRIPTION | QTY. |
|-----------------|---------|--------------------------------------|------|
| N TM-700 | 00984 | TM-700 Tele-Mate® TELEPHONE TEST SET | 1 |

Tele-Mate® Telephone Test Set

NEW PRODUCT



- Luminescent (glow-in-the-dark) keypad
- Can be used safely on a DSL enabled line
- High Impedance Monitor for monitoring line without disrupting existing traffic
- Over voltage and over current protection
- Tone and Pulse dialing for versatility on old and new phone lines
- Polarity test with LED indicator
- 32 digit last number redial and pause
- 10 number speed dial
- Adjustable volume control plus mute
- Pause
- Flash to generate a timed break recall
- Line powered, no battery needed
- Headset (included) for hands free operation
- RJ11 socket
- Quick release belt-clip

SPECIFICATIONS

Technical Specifications

| | |
|---------|----------------|
| Length: | 9.25" (235 mm) |
| Width: | 2.5" (64 mm) |
| Height: | 3.25" (83 mm) |

| CAT NO. | UPC NO. | DESCRIPTION | QTY. |
|------------------|---------|---|------|
| N TM-500 | 00486 | Telephone Test Set W/ ABN "Bed-Of-Nails" Croc Clips (POP) | 1 |
| N TM-500T | 00494 | Telephone Test Set W/ ABN "Bed-Of-Nails" Croc Clips (Boxed) | 1 |
| N TM-500i | 00643 | Telephone Test Set W/ Small Croc Clips (Boxed) | 1 |

Nautilus Range Telephone Test Sets



PE961

- Waterproof tested to an IEC IP67 rating, these test sets are so impervious to water they can actually withstand submersion, though they actually float.
- The PE961 features our DigAlert™ over-voltage alarm and lock-out function to reduce the risk of damaging or knocking out digital service lines.
- Built-in DSL Filter.
- Ten-number speed dial memory (32 digits each).
- Last number redial.
- Precise hook flash.
- Microphone mute.
- Audible and visual mode indicators.
- Polarity test in any mode.
- Unique quick-release belt clip.
- Premium cord set with bed-of-nails and piercing pin clips.
- Luminescent Keymat.

| CAT. NO. | UPC NO. | DESCRIPTION |
|---|---------|---|
| PE930 | 60487 | Telephone Test Set |
| PE945 | 60489 | Test Set with Two-Way Hands Free |
| PE961 | 60511 | Test Set with Two-Way Hands Free and DigAlert |
|  PE901 | 60492 | Ground Start Cord Set |
|  PE902 | 60493 | Cord Set |

| FEATURE | PE930 | PE945 | PE961 |
|-------------------------|-------|-------|-------|
| Monitor safe for data | ✓ | ✓ | ✓ |
| Adjustable Ringer | ✓ | ✓ | ✓ |
| Waterproof Design | ✓ | ✓ | ✓ |
| Loud Speaker Listening | | ✓ | ✓ |
| Two-Way Hands Free | | ✓ | ✓ |
| DigAlert™ Data Lock-out | | ✓ | ✓ |
| ADSL Compatible | ✓ | ✓ | ✓ |

Sidekick® Plus Advanced Cable Maintenance Test Set

**NEW
PRODUCT**



- 1 Gigaohm Insulation Resistance
- Advanced Pulse TDR for improved accuracy (Step TDR option available)
- Improved speed of test and menu selection
- Long lasting, Li-Ion Rechargeable Batteries

Optional Features

- Available at Launch: Enable Wideband testing (Software Update)
 - Noise Spectrum Analysis to 30 MHz
 - Loss measurements to 4.4MHz
 - Reference Tone to 4.4MHz
- Coming Soon: Sidekick Plus® with Wideband and VDSL / ADSL Sync
 - All standard features of Sidekick Plus with Wideband plus:
 - Display of DSL Showtime information
 - Error and Alarm detection
 - Graphical display of bits-per-tone, signal-to-noise

| CAT. NO. | UPC NO. | DESCRIPTION |
|--------------------|---------|--|
| 1155-5001 | 01316 | Sidekick Plus Kit |
| 1155-5003 | 01324 | Sidekick Plus CE Kit |
| N 1155-5005 | 01463 | Sidekick Plus Kit with Impulse Noise, Step TDR |
| N 1155-5009 | 01317 | Sidekick Plus with Wideband |

SPECIFICATIONS

| | |
|---|---|
| Stress Test | 0 to 82 dBmC |
| AC Volts | 250V |
| DC Volts | 300V |
| Resistance | 100 MΩ |
| Leakage | 999 MΩ |
| Open Meter | Up to 18.6 miles (30 km) |
| Count Load Coils | 0 to 5 |
| Loop Current | 110 mA |
| Circuit Loss | -70 to 3 dBm |
| Circuit Noise | 0 to 90 dBmC |
| Tracing Tone Generator | 200 Hz to 20 kHz |
| Reference Tone Output Level | 3 to -20 dBm |
| Custom Auto Test with Pass/Fail | 400 Autotest Results |
| Display Resolution | 320 x 240 sunlight readable |
| Battery | Li-Ion |
| Battery Life (Typical) | 8 hours |
| Weight (Including Battery) | 3 lbs (1.4 kg) |
| Operating Conditions | -0.4 to 122 °F (-18 to 50 °C), 0 to 95% Humidity |
| IP Rating/Environmental Protection | BS EN 60529 level IP20C |

Sidekick® SYNC



- ADSL, ADSL2, ADSL2+ and VDSL2 Modem emulation
- CPE and Comodem emulation
- Isolates problems anywhere along the network
- Simple one-button testing for quick deployment
- Performs multiple diagnostic tests with only one instrument
- Auto Test makes testing customizable and consistent
- Easy-to-read digital display reduces meter interpretation errors
- Easily determines if the fault is inside or outside the premise
- Finds faults other test sets miss
- Simplifies troubleshooting
- Increase technician productivity
- Reduces repeat trouble calls

| CAT NO. | UPC NO. | DESCRIPTION | QTY. |
|-----------|---------|-------------------------------------|------|
| 1160-5000 | 00720 | SIDEKICK SYNC (1160-5000) | 1 |
| 1160-0100 | 00721 | MANUAL, SIDEKICK SYNC ENGLISH | 1 |
| 1160-0101 | 00722 | SOFTCASE, SIDEKICK SYNC | 1 |
| 1160-0102 | 00723 | CORD, RJ11 TO RING TIP POPPER CLIP | 1 |
| 1160-0103 | 00724 | ADAPTER USB 2.0 A TO MICRO B FEMALE | 1 |
| 1160-0104 | 00725 | BATTERY, LI-ION, 3 CELL SMBUS | 1 |
| 1160-0105 | 00726 | ADAPTER VEHICLE 6FT 5.5 OD, 2.5MM | 1 |
| 1160-0106 | 00728 | PWR 100-250VAC 2.5MM 15V 1.2A | 1 |
| 1160-0107 | 00729 | ADAPTER, COAX FEMALE TO FEMALE | 1 |
| 1160-0108 | 00733 | ASSY, DOOR, SIDEKICK SYNC | 1 |
| 1160-1000 | 00734 | TOP ASSY, SIDEKICK SYNC | 1 |

SPECIFICATIONS

Display

Size: 128 x 64 pixels (3.07")
 Type: Monochrome (Sunlight Readable) transreflective w/LED backlight.

Batteries

Type: Lithium Ion
 Capacity: 18 hours of use per charge(typical)
 Charge Time: 4 hours
 Size: 8.85" x 4.8" x 1.92" (224.9mm x 121.9mm x 48.77mm)
 Weight: 2.25 lbs (1.02kg) w/cords and softcase
 Shock/vibration: Per Mil-std-810F
 Operating Temp.: -14° F to 122° F (-10° C to 50° C)
 Storage Temp.: -4° F to 140° F (-20° C to 60° C)
 Humidity: 95% non-condensing

Test Leads

Length: 4'
 Plug Type: RJ11
 Clip Type: Popper Type
 Other: RJ11
 Connections: RJ45
 F type Male Connector
 USB Micro B

Certifications: CE (Pending)
 RoHS/WEEE (Pending)

Sidekick® T&ND

1144-5000



- Easy-to-read digital LCD display.
- Internal Dialer for making Transmission Test connections.
- Autotest – performs 22 individual tests at the touch of a button.
- Determines the stressed noise susceptibility of dry and working pairs.
- Measures AC/DC Volts, Leakage, resistance, and loop current.
- Performs circuit loss, circuit noise (metallic noise), and power influence tests.
- Built-in open meter.
- Locates up to 4 load coils.
- Single set up for Tip-Ring, Tip-Ground, and Ring-Ground tests.
- Field replaceable test leads.
- On-screen display of “LOW BATTERY” when batteries are near failure.

SPECIFICATIONS

| | | | |
|-------------------|-----------------------|------------------------|-------------------|
| Weight | 2 lbs. | Opens | 0 to 60 kft. |
| Dimensions | 10.75" X 4.25" X 2.5" | Loop Current | 0 to 100 mA |
| AC Volts | 300 Vrms max. | Load Coil | up to 4 |
| DC Volts | ± 300 Volts max. | Circuit Loss | +1 to -15 dB |
| Resistance | 1 Megohm max. | Power Influence | 40 to 100 dBmC |
| Leakage | 100 Megohm max. | Circuit Noise | 0 to 75 dBmC |
| Stress | 0 to 82 dBmC | Power | Four AA Batteries |

| CAT. NO. | UPC NO. | DESCRIPTION |
|---------------------|---------|------------------------|
| 1144-5000 | 60853 | Sidekick T&Nd Test Set |
| R 1134-1002S | 60752 | Case |

Sidekick® T&N

1137-5002



- Five transmission and noise tests.
- Determines the stressed noise susceptibility of dry and working pairs.
- Measures resistance, AC/DC volts, and capacitive kick.
- Provides tone for twisted pair or crossed conductor identification.
- Single setup for testing Tip-Ring, Tip-Ground, and Ring-Ground.
- Minimal drying effect in all ranges.
- Field replaceable leads.
- Softcase with adjustable strand hook.
- Low battery indicator light.

SPECIFICATIONS

| | | | |
|-------------------|---|------------------------|-------------------|
| Dimensions | 10.75" x 4.25" x 2.5" | Stress Test | 0 to 82 dBmC |
| Weight | 2 lbs. | Loop Current | 0 to 100 mA |
| Resistance | Rx1: Reads 0 to 2000 Ω Rx1K: Reads 0 to 2 MΩ | Circuit Noise | 0 to 75 dBmC |
| Leakage | Rx10K: Reads 0 to 20 MΩ | Circuit Loss | -15 to +1 dB |
| DC Voltage | 0 to 300 volts DC | Power Influence | 50 to 100 dBmC |
| AC Voltage | 0 to 300 Vrms | Operating Temp. | -4°F to +140°F |
| | | Power | Four AA batteries |

| CAT. NO. | UPC NO. | DESCRIPTION |
|---------------------|---------|--------------|
| 1137-5002 | 60526 | Sidekick T&N |
| R 1134-1002S | 60752 | Case |
| R 1131-0202 | 60751 | Test Leads |

Sidekick® 7B



1134-5029

- Determines the stressed noise susceptibility of dry and working pairs.
- Measures resistance, AC/DC volts, and capacitive kick.
- Provides tone for twisted pair or crossed conductor identification.
- Single setup for testing Tip-Ring, Tip-Ground, and Ring-Ground.
- Minimal drying effect in all ranges.
- Field replaceable leads.
- Softcase with adjustable strand hook.
- Low battery indicator light.

SPECIFICATIONS

| | |
|--------------------|---|
| Dimensions | 10.75" x 4.25" x 2.5" |
| Weight | 2 lbs. |
| Resistance | Rx1: Reads 0 to 2000 Ω; Rx1K: Reads 0 to 2 MΩ |
| Leakage | Rx10K: Reads 0 to 20 MΩ |
| DC Voltage | 0 to 100 Volts DC |
| AC Voltage | 0 to 200 Vrms |
| Stress Test | 0 to 82 dBmC |

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|-------------|
| 1134-5029 | 60525 | Sidekick 7B |
| 1134-1002S | 60752 | Case |
| 1131-0202 | 60751 | Test Leads |

ToneRanger



- Direct buried fault location, it gives an exact location to the fault.
- Locates open shield and open bond faults.
- Locates twisted-pair resistance faults in aerial, underground, and direct buried cable.
- Locates splits, opens and bridge taps.
- Uses low voltage and does not damage cable, circuit cards, C.O. or subscriber equipment.
- Sends Pair ID tone through wet pulp and saves service outage time on small count section throws.
- Locates open shields and shield to earth faults.
- Does not interfere with DSL, IPTV or digital services on adjacent lines.
- NEW easy user interface.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------|---------|---|
| 10101-50000 | 27345 | TF1A Kit, ToneRanger Aerial |
| 10101-51000 | 02066 | TF1ABL Kit, ToneRanger Aerial and Buried |
| 10101-51100 | 02028 | TF1AP Kit, ToneRanger Aerial with Pair ID |
| 10101-51200 | 27338 | TF1AB Kit, ToneRanger Aerial with Buried Wand |
| 10101-51300 | 27321 | TF1AL Kit, ToneRanger Aerial with Layup Stick |
| 10101-51400 | 20191 | TF1ABLP Kit, ToneRanger with Aerial, Buried & Pair ID |
| 52042471 | — | Transmitter Test Cable |

Throwmaster® Paragon



- Used by construction cable splicers all around the world.
- Transfer telephone/broadband services during normal working hours.
- Does not interrupt important customers.
- Simple to follow interface and process for successful transfer of circuits.
- LED's on the cords aid in telling the user in the cut, transfer and splice.
- Compatible with T-1, HDSL, HDSL-2, HDSL-4, ADSL and other services less than 10Mb/s.
- Each step is automatically tested and verifies the circuit is complete at the end of the transfer.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|------------------------------|
| 0529-0001 | 29019 | Throwmaster® Paragon 519 Kit |

1155 Fault Loop Simulator



- Simulates 8 faults that can be used individually, or in a combination:
 - Cross battery.
 - Resistive 5 kohm load to ground.
 - Resistive 500 ohm short.
 - Two balanced bridge taps.
 - 60 ohm series resistance fault.
 - 60 Hz Power Influence.
 - High frequency noise.
- 1910 foot cable length.
- Battery operated.
- Ruggedized case.
- Convenient Test Lead connections.
- Three access locations in the span for custom faults.
- Train users on real twisted-pair faults.
- Test multiple test set functions such as RFL, TDR, Power Influence, Stress, Leakage, Resistance, impulse noise and others.
- Verify results from the field in a controlled environment.
- Demonstrates how noise increases with pair imbalances.
- Show differences between shorts, bridge taps, series faults and opens with a TDR.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|-------------|
| 1155-7001 | 57691 | Test Set |

4-6-8 Modular Adapters



- Nylon-reinforced ABS plastic body.
- Easy-to-read wire layout.
- Removable/replaceable patch cord.
- Inline adapters.
- Snagless plugs.
- Belt clip.
- Notched copper contacts keep alligator clips attached during testing.

| CAT. NO. | DESCRIPTION |
|----------|-------------|
|----------|-------------|

| | |
|--------|------------------------------|
| PA1902 | RJ45 Modular Adapter (8-way) |
| PA1903 | RJ11 Modular Adapter (6-way) |

TurTEL Modular Adapters/Polarity Tester



- Use with tone generators, test sets and other test devices to troubleshoot and isolate problems with telephone circuits.
- Two jacks allow in-line testing without service interruption.
- The TurTEL 6 has two six-position, six-wire jacks.
- The TurTEL 8 has two eight-position, eight-wire jacks.
- Simple, push button operation to check polarity and power.
- Reduced chance of shorting adjacent alligator clips due to unique shape.
- Test contacts are perforated to provide sure grip for alligator clips or use of probes.
- The TurTEL 6 has an internal circuit to allow testing of polarity for either of two lines (pairs 4 to 5 or 3 to 6) – circuit allows verification of power and phone number assignments.
- Patch cord included.
- Heavy-duty stainless steel belt clip.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
|----------|---------|-------------|

| | | |
|-------|-------|--|
| 46040 | 46040 | TurTEL 6 Modular Adapter/Polarity Tester |
| 46050 | 46050 | TurTEL 8 Modular Adapter |

TelScout® TS90



- Two Pair Test Capability.
- One-Step Setup.
- Automatic Instrument Control Mode.
- 45,000' (15 km) Fault Location Capability.
- Splash and Drip Proof.
- Single-Button Zoom Function.
- Pair Comparison Mode.
- Splits/Crosstalk Mode.
- Intermittent Fault Location.
- Measures Distance to Fault in Feet, Meters, or Time.
- Configurable for Any Cable Type and Vp (0.300 to 1.000).
- Accurate (±3 ft. at 10,000 ft.).
- On-line Tutorials.
- Large Backlit Display.

SPECIFICATIONS

Environmental

Temperature –
 Operating: 32° F to 77°F (0° C to +45° C).
 Non-operating: 12° F to 92°F (-20° C to +60° C).
 Humidity – 95% RH, non-condensing.
 EMI Emissions –
 EN55011 class A.
 EN60555-2.

Power

Battery Operation –
 Battery Type: Six AA Alkaline.
 Operating Time: >4.5 hrs. with backlight off.
 Battery Saver:
 Selectable for 5 to 30 minutes or disabled.

SPECIFICATIONS

Physical

| Dimensions | in. | mm |
|------------|-----|-----|
| Height | 5.6 | 141 |
| Width | 8.3 | 211 |
| Depth | 1.8 | 43 |
| Weight | .lb | kg. |
| Net | 2.2 | 1 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|--------------------|---------|---------------------------|
| R 012154500 | 60740 | Leads |
| R THM5BAT | 60756 | Rechargeable Battery Pack |

CATV TEST SETS

Sidekick® V.O.C.



1143-5000

- Identifies defective inside wire and jacks.
- Measures resistance, AC/DC volts, quasi square wave, and pair balance.
- Identifies shorts, opens, crosses and grounds.
- Replaces the need for other meters.
- Provides tone for twisted pair or crossed conductor identification.
- Single set-up for testing Tip-Ring, Tip-Ground, and Ring-Ground with ground connection.
- Field replaceable leads.
- Softcase with adjustable hook.
- Low battery indicator light.

SPECIFICATIONS

| | |
|------------------------|--|
| Dimensions | 10.75 x 4.25 x 2.5 inches |
| Weight | 2 lbs. |
| Resistance | Rx1: Reads 0 to 2000 Ω Rx1K: Reads 0 to 2 Megohms |
| Leakage | Rx10K: Reads 0 to 20 Megohms |
| DC Voltage | 0 to 100 Volts DC |
| AC Voltage | 0 to 200 Vrms |
| Stress Test | 0 to 82 dBmC |
| Operating Temp. | -4°F to +140°F |
| Power | Four AA batteries |

| CAT. NO. | UPC NO. | DESCRIPTION |
|---------------------|---------|-----------------|
| 1143-5000 | 60527 | Sidekick V.O.C. |
| R 1134-1002S | 60752 | Case |

CableScout™ TV220 - TDR Cable Tester for CATV

**NEW
PRODUCT**



- Easier-to-use GUI interface requires little or no training
- PC application is compatible with all the current operating systems
- Improved clarity and trace functionality makes it even easier to identify faults on-screen and determine noise versus the fault
- Even higher SNR and Resolution makes it easier to identify events that were previously difficult or impossible to find
- Zero dead zone at the launch allows the user to see faults immediately
- Improved trace update rate allows you to see changes to the fault faster (5 times/sec. versus 2 times/sec.)
- Higher capacity to hold traces
- USB interface for trace download
- Lighter weight and longer charge life with the new lithium-ion battery
- TestWizard™ one-button testing
- Automatic Return Loss Measurements
- Automatic Multiple Event Marking
- High-Resolution, Short Pulse Width (1 ns)
- Rugged enough to withstand a 2 meter drop

| CAT NO. | UPC NO. | DESCRIPTION |
|---------------------|---------|----------------------------|
| TV220 | 00676 | TDR for CATV Broadband |
| R TV220-0350 | 17404 | Soft Carrying Case |
| A 1155-1010 | 25877 | Power Supply, AC-DC |
| A 174173401 | 16407 | Vehicle DC Adapter/Charger |
| R 174326900 | 16414 | Replacement Power Cord |

SPECIFICATIONS

| | |
|--------------------------|--|
| Output | Test Signal Output – 1/2 Sine Amplitude – 4V into 75 Ω Pulse Width – 1 ns, 5 ns, 25 ns Output Impedance – 75 Ω Acquisition System Bandwidth – 400 MHz |
| Return Loss | Automatic at cursor location Resolution: ±1 dB Input Protection – ±400 VDC + peak AC up to 440 Hz, 30-second duration Maximum Distance Range – 12,000 ft. (3,658 m), depending on cable type and condition Gain – 0 to 72 dB Waveform Storage – Minimum of 20 waveforms with notes |
| Distance Accuracy | Feet: 0 to 2,000 ft.: ±2 ft. ± uncertainty in Vp 2,001 to 6,000 ft.: ±3 ft. ± uncertainty in Vp 6,001 to 12,000 ft.: ±4 ft. ± uncertainty in Vp Meters: 0 to 610 m: ±0.6 m ± uncertainty in Vp 611 to 1830 m: ±0.9 m ± uncertainty in Vp 1831 to 3658 m: ±1.2 m ± uncertainty in Vp |
| Display | Resolution: 640 x 440 (281,600 pixels) Size: 7.2 inch Type: High contrast LCD Backlight: Operator switchable Waveform Display Resolution – 0.33% of selected range, 4.5 cm (0.15 ft.) minimum Display Ranges – Twelve display ranges from 6 ft. (1.8 m) to 12,000 ft. (3,658 m), plus single-button zoom window Output Port – Serial 9-pin D type connector Distance Measurements – Meters, feet, nanoseconds |

SPECIFICATIONS

| | |
|--------------------------------|---|
| Power | AC Operation – Voltage Ranges: 110 V, 220 V, or 240 V with appropriate AC to DC adapter Line Frequency: 50 Hz to 60 Hz DC Operation – Voltage Range: 9 to 16 VDC @ 1A (charging and operating) |
| Battery Operation – | Type: Internal Li-Ion rechargeable battery Operating Time: Typically 12 hours continuous operation (backlight off) Battery Savers (user selectable) – Shutoff: 5 to 30 minutes or disabled Backlight: Shutoff 5 to 30 minutes, disabled, or always on |
| General Characteristics | Temperature – Operating: –10° C to +40° C (+11° F to +104° F) Non-operating: –20° C to +60° C (–4° F to +140° F) Humidity – 10% to 95% (non-condensing) Field Usage – Shock, water, and dust resistant Durability – Survives drop of 2 meters (6 ft.) to concrete in standard soft case. Drip proof, dust resistant |
| EMI Emissions – | EN55011, Class A EN60555-2 |
| Safety – | CE (Low Voltage Directive) |

PHYSICAL

| Dimensions | Centimeters | Inches |
|------------|-------------|--------|
| Height | 24 | 9.5 |
| Width | 30 | 11.5 |
| Depth | 9 | 3.5 |
| Weight | Kilograms | Pounds |
| Net | 3 | 6.4 |

CableScout™ TV90



- High performance easy to use, Time Domain Reflectometer for Coaxial testing applications.
- Employs optimized pulsing and sampling, coupled with advanced filtering and signal-processing techniques to ensure clean waveform and easy identification.
- Context-sensitive help screens for all functions.
- Small, portable and lightweight 2.2 lbs. (1kg).
- Includes rechargeable battery pack.
- Includes twisted pair adapter and test probe.

| CAT. NO. | UPC NO. | DESCRIPTION |
|--------------------|---------|---------------------------|
| TV90 | 12600 | TV90 CableScout™ TDR |
| R THM5BAT | 60756 | Rechargeable Battery Pack |
| A THM5AC | 17299 | AC Adapter 110V |
| R TS90-0350 | 17398 | Soft Carrying Case |

SPECIFICATIONS

- Easy to operate (help screens available for all functions)
- Fast fault finding with automatic gain and vertical waveform positioning
- One-button Expand/Full View Function and zoom control.
- Precision accuracy 0-200 ft +/- 2 ft. 1% beyond.
- Range up to 4000 ft.
- High-resolution with optimizing pulse and sampling and advanced filtering
- Input Protection: 200 VDC + Peak AC.
- Rugged - designed for harsh environments
- Large 7.2-in. high-resolution backlit display.
- International power supply options

Environmental

Temperature:

Operating: 32° F to 77° F (0° C to +45° C).

Non-Operating: 12° F to 92° F (-20° C to +60° C).

Durability: Survives Drop test of 6 foot (2m) to concrete in soft case

Power: 110 V, 220 V, 240 V with appropriate power adapter

Battery type: 6 AA Alkaline and NiCad rechargeable pack. 4.5 hours continuous operation with adjustable battery saver modes

Standards

UL, FCC EMI, CAN/CSA, EN, and CE

BURIED FACILITY LOCATION AND MARKING

Tracker II



HS-1 (08695)
Optional headset is available for use in high-traffic areas or other noisy environments.

- Traces the path and determines the depth of wires and metallic pipes on active or dead systems without having to deactivate the system.
- Lightweight receiver provides audible and visual indications of signal strength.
- Transmitter output and receiver sensitivity are fully adjustable for maximum accuracy.
- Transmitter offers three methods of connection: direct, inductive coupler and inductive antenna.
- Includes transmitter assembly, receiver assembly, inductive coupler (clamp), built-in inductive antenna, two 8' (2.4 m) test leads with heavy-duty alligator clips and durable polyethylene case.
- High frequency transmitter provides range up to 4,000' (1,219 m) and depths up to 7' (2 m).
- Receiver is 32" long (813 mm).
- Battery operated (eight AA and one 9V battery is included).
- Molded carrying case included.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|----------------------|
| 501 | 08662 | Tracker II |
| R 501T | 60353 | Transmitter |
| R 501R | 60352 | Receiver |
| R IC1 | 60354 | Inductive Clamp |
| R CS16 | 60355 | Transmitter Cord Set |
| R 500CA | 60351 | Case with Antenna |

SPECIFICATIONS

| | |
|------------------------------|--|
| Power Requirements | Transmitter – (8) AA batteries; Receiver – (1) 9V battery |
| Battery Life | Transmitter – 30 hours nominal; Receiver – 10 hours nominal |
| Transmitter Frequency | 447.5kHz |
| Transmitter Power | 40Vp-p (140mW) maximum |
| Voltage Protection | 240VAC/500VDC |
| Automatic Shut Off | 90 Min. Transmitter and Receiver |
| Construction | Transmitter/Receiver – powder coated aluminum Case – vacuum formed polyethylene |
| Dimensions | Transmitter – 4.25" x 3" x 3.25" (108 x 76.2 x 82.6 mm) Receiver – 32" x 2.75" x 4" (812.8 x 69.9 x 101.6 mm) Case – 33.5" x 8.25" x 3.75" (850.9 x 209.6 x 95.3 mm) |
| Weight | 6.7 lbs. complete kit (3.04 kg) |

Buried Line Locator



- LED and LCD signal strength indicators make it quick and easy to find exact line location.
- Lightweight and ergonomically balanced.
- Automatic signal boost makes it easy to trace lines, even those with very weak signals.
- Receiver may be used in active or passive mode.
- Receiver locates multiple passive frequencies with a single setting.
- Receiver automatically locks out passive range when it detects a transmitter signal, reducing the chance of tracing other lines carrying weaker signals.
- Microprocessor-based circuitry delivers increased accuracy and features auto-gain control in all environments.
- Traces 20' (6 m) underground and provides depth readings up to 15' (4.57 m).
- Transmitter can be connected to live lines up to 600V.
- Molded carrying case included.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------|
| BLL-200 | 07796 | Buried Line Locator |

SPECIFICATIONS

| | | | |
|------------------------------|---|--------------------------------|---|
| Transmitter | | Receiver | |
| Operating Voltage | 0-600VAC, 0-300 VDC | Depth Range | Measures: 0-15 ft Traces: 0-20 ft. |
| Current | 13mA (open line) 150mA (live or shorted line) | Depth Resolution | 0.1 ft. increments |
| Frequency | 33.3kHz | Passive Trace Frequency | - 12Hz-24kHz |
| Operating Temperature | 0°F to 120°F (-17°C to 50°C) | Operating Temperature | 0°F to 120°F (-17°C to 50°C) |
| Size | 7.5" x 4" x 2.1" (190.5 mm x 101.6 mm x 53 mm) | Size | 4.1" x 8.5" x 38" (104.1 mm x 215.9 mm x 965.2 mm) |
| Power | 6 VDC (4 AA batteries) | Power | 6 VDC (4 AA batteries) |
| Weight | 15 oz. (425 g) (with batteries and clamp) | Weight | 1 lb. 12 oz. (794 g) |

Pulser Fault Locator



PE2003
Great complement to any buried line cable locator.

- Identifies the exact location of even the smallest breaks in insulation by "pulsing" a high-voltage signal that radiates into the earth at the location of the faults. With the A-frame mounted receiver, a visual analog meter points the way to the source of the voltage.
- Multiple faults on a single wire can be identified indicating the need to replace instead of repair.
- Extra-long test leads feature heavy-duty alligator clips for use on multiple cable types.
- Includes a rechargeable transmitter, receiver, A-frame, ground stake, 120V charger and a 12V DC (cigarette lighter) adapter.
- Battery operated (one 12V and one 9V battery are included).
- Molded carrying case included.

SPECIFICATIONS

| | |
|---------------------------|---|
| Power Requirements | Transmitter: (1) 12V rechargeable battery Receiver: (1) 9V battery |
| Battery Life | Transmitter: 23 hours per charge; Receiver: 200 hours |
| Transmitter Power | 2400VDC peak |
| Voltage Protection | 240VAC/400VDC |
| Construction | Transmitter – aluminum housing in polyethylene case Receiver – powder coated aluminum |
| Dimensions | Transmitter – 17" x 8.5" x 6.5" (421 mm x 215 mm x 160 mm) in case Receiver – 33.5" x 21.75" x 3.25" (840 mm x 550 mm x 8 mm) on A-Frame |
| Weight | 12.5 lbs. (5.7 kg) complete |

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------------|---------|-----------------------------------|
| PE2003 | 08666 | Pulser |
| R 2000H | 60357 | Transmitter (Includes CH1 & CH2) |
| R 2000R | 60358 | Receiver |
| R AF2 | 60482 | A-Frame |
| R CH1 | 60360 | AC Charger |
| R CH2 | 60361 | DC Charger |
| R 59F0002 | 66216 | Battery, Replacement (12V 2.5 Ah) |

Wire Finder/Mini Locator



- Traces energized or non-energized wires in walls and drop ceilings.
- Provides reliable results on buried cables to depths of 3' (1 m) and lengths up to 1000' (308 m).
- Determines the approximate depth of the wire before digging.
- Compact design and easy-to-understand operations.
- Fully adjustable transmitter and receiver for accurate locating.
- Quick change test leads for use in any industry, even international power outlets.
- Voltage protection to allow use on live AC circuits.
- Automatic shut-off to prevent accidental battery discharge.
- Housed in a durable, molded carrying case with a quick reference operation guide on the inside of the lid.
- Battery-operated: (2) 9V batteries included.

SPECIFICATIONS

| | |
|------------------------------|--|
| Power Requirements | (1) 9V each (transmitter and receiver, included) |
| Battery Life | Transmitter 35 hours nominal; Receiver 20 hours nominal |
| Transmitter Frequency | 447.5kHz |
| Transmitter Power | 9Vp-p (11mW) |
| Voltage Protection | 240VAC/500VDC |
| Construction | Transmitter/Receiver – high-impact ABS plastic, Case – vacuum-formed polyethylene |
| Dimensions | Transmitter – 4" x 2.3" x 1" (101.6 x 58.4 x 25.4 mm), Receiver – 6" x 2.35" x 1" (152.4 x 59.7 x 25.4 mm), Case – 9.5" x 8" x 3" (241.3 x 203.2 x 76.2 mm) |
| Weight | 2.6 lbs. (1.2 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--------------------------|
| 508S | 08678 | Wire Finder/Mini Locator |
| R 508ST | 60363 | Transmitter |
| R 508SR | 60364 | Receiver |
| R CS14 | 60366 | Alligator Clip Cord set |
| R CS15 | 60367 | AC Outlet Cord set |

Wire and Valve Locator



- Adjustable transmit power allows you to select the best signal for maximum performance.
- Transmitter's high power output offers extended range and use on higher resistance wire paths that other locators can't touch.
- Receiver provides both audible and visual indications of signal strength.
- Lightweight receiver wand makes it easy for you to move along quickly to locate even the longest wire path.
- Rugged headphones block ambient noise and improve "feel" for the signal.
- Includes transmitter, receiver, headset, ground stake, and complete instructions.
- Battery-operated: (8) "D" Cells and (1) 9V.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------------|---------|------------------------|
| 521A | 86788 | Wire and Valve Locator |
| R 521A-R | 12623 | Receiver |
| R HS1 | 08695 | Headset |
| R GS1 | 60362 | Ground Stake |

SPECIFICATIONS

| | |
|------------------------------|--|
| Power Requirements | Transmitter: (8) "D" Cell; Receiver: (1) 9V battery |
| Battery Life | Transmitter: 50 hours nominal Receiver: 100 hours nominal |
| Transmitter Frequency | 1748Hz |
| Transmitter Power | 750Vp-p 285Vrms |
| Voltage Protection | 120VAC/250VDC |
| Construction | Powder-coated aluminum housing in polyethylene case |
| Case Dimensions | 33.5" x 8.25" x 3.75" |
| Weight | 12 lbs. complete |

Locators Application Guide

| FEATURE | BLL-200 | 501 | PE2003 | 508S | 521A |
|---|-----------|----------------|------------------|----------------|----------------|
| Trace concealed wiring in walls and floors | | • | | • | |
| Locate junction box relays and transformers | • | | | | |
| Locate switch gear | • | | | | |
| Find shorts to ground | | | • ² | | • ¹ |
| Trace wires in PVC (nonmetallic conduit) | • | • | | • | |
| Find opens in a circuit | | | | | • |
| Localize power and lighting panels | • | • | | • | |
| Operate on energized circuits | • | • | | • | |
| Operate on telecom circuits | • | • | • | • | |
| Operate on power circuits (600VAC) | • | | | | |
| Operate on unenergized circuits | • | • | • | • | • |
| Trace shielded cable | • | • ³ | | • ³ | • ³ |
| Trace buried metal conduit | | | | | |
| Trace coax cable | • | • ⁵ | | • ⁵ | • ⁴ |
| Auto gain circuitry for improved accuracy | • | | | | |
| AC voltage range | 0-600V | 0-240V | 0-240V | 0-240V | 0-120V |
| DC voltage range | 0-300V | 0-500V | 0-400V | 0-500V | 0-250V |
| Distance—receiver from transmitter | 5,000 ft. | • ⁷ | 5000 ft. | 1000 ft. | • ⁶ |
| Transmitter battery | (4) AA | (8) AA | 12V rechargeable | (1) 9V | (8) D |
| Receiver battery | (4) AA | (1) 9V | (1) 9V | (1) 9V | (1) 9V |

1. 10,000 ohms and less—both ends isolated from grounds.
 2. Does not locate the path—has to be predetermined and only in direct burial applications. 5,000,000 and less.
 3. Transmitter connected to metallic shield.
 4. Will trace coax providing the b0nd is in place at the remote end—will disrupt service.
 5. No sorting (high RF bleeds) can trace coax if transmitter connected to braid.
 6. Low frequency locators need a "path to earth" (dirt), 5000 ft. on an open conductor and 2500 ft. on a metallic pipe at 3 ft. deep

7. Direct Connection 4,000 ft at 7 ft deep
 Inductive Coupler 1,000 ft at 3 ft deep
 Inductive Antenna 700 ft at 3 ft deep

Marker-Mate®



- Designed to locate buried electronic markers, including Omni Marker®, and Uni Marker™
- Five+ foot depth range
- Detects up to seven different marker types
- Scan mode provides simultaneous detection of all marker types
- User-adjustable Detection Threshold
- Digital signal processor accuracy
- Large-character display is easy to read
- Bar graph, numeric & audible signal strength indicators
- Speaker volume adjust
- Headphone jack
- Battery level indicator
- Low battery warning
- Adjustable time out feature prolongs battery life (and can be turned off)
- Weather resistant
- Rugged construction

SPECIFICATIONS

Electrical: Twelve AA batteries
Battery Life: 20 hours typical

Environment:
Operating Temperature: -4°F to 122°F (-20°C to 50°C)
Storage Temperature: -40°F to 158°F (-40°C to 70°C)
Weather Resistant

Physical:
Length: 30.7 in. (780 mm)
Width: 7.8 in. (198 mm)
Height: 12.8 in. (325 mm)
Weight: 4.5 lbs. with batteries (2 kg)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------------------|
| EML100 | 60798 | Marker-Mate Electronic Marker Locator |

Omni Marker®



- Electronically marks and relocates buried facilities.
- Unique design produces a uniform, spherical RF field in every direction.
- Easily located up to 5' away with any modern marker locator.
- Wider field with a signal peak directly above the marker provides precise location.
- Requires no particular orientation when buried.
- Greater range than standard 4" ball markers.
- High-reliability design lasts as long as your buried plant.
- Color coded by utility application.
- Patented.

| APPLICATION | COLOR | FREQUENCY | CAT NO. | UPC NO. |
|-------------------|--------------|-----------|-------------|---------|
| Power | Red | 169.8kHz | 0160-0001-1 | 60765 |
| Water | Blue | 145.7kHz | 0161-0001-1 | 60766 |
| Sanitary | Green | 121.6kHz | 0162-0001-1 | 60767 |
| Telephone | Orange | 101.4kHz | 0163-0001-1 | 60768 |
| Gas | Yellow | 83.0kHz | 0164-0001-1 | 60769 |
| Cable TV | Orange/Black | 77.0kHz | 0165-0001-1 | 60770 |
| Non-Potable/Gen I | Purple | 66.35kHz | 0168-0001-1 | 11050 |

Uni Marker™



- Electronically marks buried facilities for later relocation.
- Rugged polyethylene case ensures years of useful life.
- Small size and flat design attach easily to non-metallic utility box lids, hand holes and other buried enclosures.
- Location is simple with any modern marker locator.
- Range is 25% more than other similar-style markers.
- Signal peak ensures location within inches of the marker.
- Color coded by utility application.

| APPLICATION | COLOR | FREQUENCY | CAT NO. | UPC NO. |
|-------------------|--------------|-----------|-------------|---------|
| Power | Red | 169.8kHz | 0170-0001-1 | 60771 |
| Water | Blue | 145.7kHz | 0171-0001-1 | 60772 |
| Sanitary | Green | 121.6kHz | 0172-0001-1 | 60773 |
| Telephone | Orange | 101.4kHz | 0173-0001-1 | 60774 |
| Gas | Yellow | 83.0kHz | 0174-0001-1 | 60775 |
| Cable TV | Orange/Black | 77.0kHz | 0175-0001-1 | 60776 |
| Non-Potable/Gen I | Purple | 66.35kHz | 0178-0001-1 | 11059 |

COMMUNICATIONS KITS

GripPack Quick-Release Tool Holster



- Easy-on, easy off with new quick-release belt clip.
- Belt clip swivels so the holster moves with you and the tools stay out of your way.
- Form fitted PVC material ensures that tools don't fall out - even if you drop your kit or they are upside down.
- Molded specifically to hold the following Paladin Tools: Data SureStrip® UTP/STP & flat satin phone cutter/stripper, Datacomm scissors with serrated blades & ergonomic handles, Punchdown tool - either the ergonomic SurePunch® Pro or the original SurePunch® PDT, Mini-MagLite® or SurePunch® Pro detachable LED, and a Sharpie® marker.

| CAT. NO. | DESCRIPTION |
|-----------|--|
| PA4940 | GripPack Quick-Release Tool Holster |
| PA4941 | GripPack SurePunch® Pro Technician's Kit |
| PA4942 | GripPack SurePunch® Pro Installer's Kit |
| PA4943 | GripPack SurePunch® Technician's Kit |
| PA4946 | GripPack UTP Essentials |
| PA4940-31 | Replacement Belt Clip |

Grip Pack Kits



PA4945



| DESCRIPTION | MODEL | PA4941 | PA4942 | PA4943 | PA4946 |
|--|--------|--------|--------|--------|--------|
| GripPack Tool Holster | PA4940 | ✓ | ✓ | ✓ | |
| Data SureStrip® UTP/STP & flat satin cutter/stripper | PA1116 | ✓ | ✓ | ✓ | ✓ |
| Datacomm scissors | PA1931 | ✓ | ✓ | ✓ | ✓ |
| Reversible 110/66 blade | PA4571 | ✓ | ✓ | ✓ | ✓ |
| SurePunch® Pro PDT punchdown tool handle | PA3589 | ✓ | ✓ | | |
| SurePunch® PDT punchdown tool handle | PA3570 | | | ✓ | ✓ |
| SurePunch® Pro detachable LED light & batteries | PA4599 | ✓ | ✓ | | |
| MagLite® with 2 AA batteries | N/A | ✓ | | ✓ | |
| Black Sharpie® pen | N/A | ✓ | | ✓ | |

Pro COAX Tool Kit



Designed for the professional CATV cable installer. Offers the convenience in having six essential tools needed for coaxial repair and installation with a unique Grip Pack Pouch.

| CAT. NO. | UPS NO. | DESCRIPTION |
|----------|---------|-------------------|
| 46601 | 01292 | Pro COAX Tool Kit |

46601 PRO COAX TOOL KIT INCLUDES

- R** 0251-08D 8" Diagonal Cutting Pliers, Dipped Grip
- R** 45591 RG59/6/6Q, RG7/11 Coaxial Cable Stripper
- R** PA70020 RG59/6/6Q, RG7/11 Coaxial Cable Crimper
- R** 0153-42C 6-in-1 Multi-Tool (Screwdriver/Nut Driver Tool)
- R** 0354-14 Combo Ratcheting Closed and Open Ended 7/16" Wrench
- R** FL2AAP LED Water Resistant Penlight
- R** PA5000 Custom Grip Pack Pouch with Belt Clip

Ultimate Technician Kit



| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|-------------------------|---------|
| PA4932 | Ultimate Technician Kit | 7.2 lbs |

PA4932 ULTIMATE TECHNICIAN KIT INCLUDES

| | | |
|-----|----------|--|
| [R] | PA1179 | KT8 round cable cutter |
| [R] | PA1116 | Data SureStrip® UTP/STP & flat satin cutter/stripper |
| [R] | PA1257 | LC-CST CATV "F" coax stripper |
| [R] | PA1923 | Untwist tool |
| [R] | PA1927 | CATV "F" flaring & attachment tool - RG6/RG6 QS |
| [R] | PA1559 | SealTite® Pro compression crimper |
| [R] | PA1556 | All-in-One Phone/Data tool |
| [R] | PA3589 | SurePunch® Pro punchdown tool |
| [R] | PA4599 | SurePunch® Pro detachable LED light |
| [R] | PA4572 | 110 blade |
| [R] | PA4591 | Double 110 blade |
| [R] | PA4573 | 66 blade |
| [R] | PA4574 | BIX blade |
| [R] | PA4575 | Krone LSA blade |
| [R] | PA1543 | LAN ProNavigator® tester & remote |
| [R] | PA1573 | Telephone Test Set & LAN Cable-Check™ |
| [R] | PA1902 | RJ45 adapter |
| [R] | PA1900 | Can wrench |
| | N/A | (10) RJ22 handset plugs |
| [R] | PA9520 | (10) RJ11/12 plugs, stranded, flat cable |
| [R] | PA9546 | (10) RJ45 plugs, Cat5e, solid, round cable |
| [R] | PA9644 | (10) CATV "F" RG6/RG6 QS connectors |
| [R] | PA901074 | (2) BNC-to-CATV "F" adapters |
| [R] | PA4923 | Ultimate Tool Bag |
| | N/A | Plano® plastic tackle box |

Ultimate Premise Service Kit



This kit is designed for today's on-the-go LAN professional. It provides all the tools and testers you need to maintain your data, voice and video networks all in our Ultimate Tool Bag that's always ready.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|------------------------------|---------|
| PA4933 | Ultimate Premise Service Kit | 6.1 lbs |

PA4932 ULTIMATE PREMISE SERVICE KIT INCLUDES

| | | |
|-----|----------|--|
| [R] | PA1179 | KT8 round cable cutter |
| [R] | PA1116 | Data SureStrip® UTP/STP & flat satin cutter/stripper |
| [R] | PA1257 | LC-CST CATV "F" coax stripper |
| [R] | PA8000 | CrimpALL® crimp frame with EZI-CHANGE™ thumb screws |
| [R] | PA3589 | SurePunch® Pro punchdown tool |
| [R] | PA4572 | 110 blade |
| [R] | PA4573 | 66 blade |
| [R] | PA1543 | LAN ProNavigator® tester & remote |
| [R] | PA1573 | Telephone Test Set & LAN Cable-Check™ |
| [R] | PA1902 | RJ45 adapter |
| [R] | PA901074 | (2) BNC-to-CATV "F" adapters |
| [R] | PA4923 | Ultimate Tool Bag |
| | N/A | Plano® plastic tackle box |

Die Sets:

| | | |
|-----|--------|--|
| [R] | PA2062 | Die Sets: RJ11/12 WE/SS-style |
| [R] | PA2687 | Die Sets: RJ45 WE/SS-style & RG6/RG6 QS CATV "F" |

Ultimate Coax Compression Tool Kit



This kit is for installing home theaters, HDTV, satellite and digital cable TV systems. It contains everything needed for new home construction or retrofitting sophisticated A/V solutions.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|------------------------------------|----------|
| PA4939 | Ultimate Coax Compression Tool Kit | 8.25 lbs |

PA4939 ULTIMATE COAX COMPRESSION TOOL PRO KIT INCLUDES

| | | |
|----------|----------|--|
| R | PA1821 | AM 35 Slitter |
| R | PA1179 | KT8 Cutter |
| R | PA1119 | UTP/Coax Cutter/Stripper |
| R | PA1280 | CST Pro Coax tool |
| R | PA2280 | CST Pro GRN Cassette |
| R | PA2281 | CST Pro OG – Kings & Amphenol BNC |
| R | PA2282 | CST Pro BK – ADC, Amphenol HDTV BNC |
| R | PA2283 | CST Pro BL – CATV “F” |
| R | PA2284 | CST Pro Rollers |
| R | PA1927 | CATV “F” Flaring & Insertion Tool |
| R | PA1557 | SealTite® Pro Compression Crimper |
| R | PA1907 | BNC Extraction Tool |
| R | PA1908 | CATV “F” Extraction Tool |
| R | PA1594 | LAN & A/V Cable-Check™ Tester |
| | N/A | Plano® Tackle Box |
| R | PA4923 | Ultimate Tool Bag |
| R | PA9645 | (50) SealTite™ CATV “F” – RG59 |
| R | PA9720 | (10) SealTite™ RCA – RGX |
| R | PA9730 | (10) SealTite™ BNC – RGX |
| R | PA906002 | (30) Connector & Adapter Assortment Pack |

Ultimate DataReady® Pro Kit



If you're an installer or technician needing a data cable tool kit solution, this is it. It includes all the tools you need for Cat5, Cat5e and Cat6 installation or maintenance in our rugged Ultimate Tool Bag.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|-----------------------------|----------|
| PA4934 | Ultimate DataReady® Pro Kit | 5.15 lbs |

PA4932 ULTIMATE DATAREADY® PRO KIT INCLUDES

| | | |
|------------------|--------|--|
| R | PA1116 | Data SureStrip® UTP/STP & flat satin cutter/stripper |
| R | PA1923 | Untwist tool |
| R | PA8000 | CrimpALL® crimp frame with EZI-CHANGE™ thumb screws |
| R | PA3589 | SurePunch® Pro punchdown tool |
| R | PA4599 | SurePunch® Pro detachable LED light |
| R | PA4571 | 110/ 66 blade |
| R | PA4591 | Double 110 blade |
| R | PA1543 | LAN ProNavigator® tester & remote |
| R | PA4923 | Ultimate Tool Bag |
| | N/A | Plano® plastic tackle box |
| Die Sets: | | |
| R | PA2061 | RJ45 WE/SS-style |
| R | PA2062 | RJ11/12 WE/SS-style |
| R | PA2063 | RJ22 handset |
| R | PA2064 | RJ45 AMP-style |
| R | PA2067 | RJ11 DEC-MMJ |

Ultimate Data/Voice Pro Kit

This complete kit is for data and voice installation and maintenance stored in the new versatile Ultimate Tool Bag.



| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|-----------------------------|---------|
| PA4935 | Ultimate Data/Voice Pro Kit | 4.5 lbs |

PA4935 ULTIMATE DATA/VOICE PRO KIT INCLUDES

| | | |
|--|--------|--|
| | PA1116 | Data SureStrip® UTP/STP & flat satin cutter/stripper |
| | PA1923 | Untwist tool |
| | PA1561 | All-in-One Phone/Data tool |
| | PA3589 | SurePunch® Pro punchdown tool |
| | PA4572 | 110 blade |
| | PA4573 | 66 blade |
| | PA4591 | Double 110 blade |
| | PA1573 | Telephone Test Set & LAN Cable-Check™ |
| | PA1900 | Can wrench |
| | PA4923 | Ultimate Tool Bag |
| | N/A | Plano® plastic tackle box |

Ultimate Tool Bag



Tools and bits not included

- Main compartment features removable inner tote and 3 additional pockets.
- Removable inner tote with 8 adjustable storage slots keeps smaller tools handy.
- Detachable shoulder strap with 3 anchor points to carry bag horizontally or vertically.
- Deep Velcro pockets holds large tools or test equipment.
- Plano® divided tackle box neatly stores dies, blades & connectors. Fits into all outer pockets.
- Sturdy bottom prevents bag from flopping over when sitting upright.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|--|---------|
| PA4923 | Ultimate Tool Bag with Plano® tackle box | 2.2 lbs |

SealTite® Pro A/V Kit



The new SealTite® Pro A/V kit is all you need to make custom length digital and analog audio and component video cables using compression RCA, BNC and cable TV "F" connectors.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|-----------------------|--------|
| PA4915 | SealTite® Pro A/V Kit | 46 oz |

SEALTITE® PRO A/V KIT INCLUDES

| | |
|--------|--|
| PA1119 | Combination UTP/Coax Data SureStrip |
| PA1559 | SealTite Pro Compression Crimper |
| N/A | 2 sets of color bands for RCA & BNC Connectors |

6 BONUS RG6/RG6 QS Compression Connectors

| | |
|--------|------------------|
| PA9714 | (2) RCA |
| PA9715 | (2) BNC |
| PA9643 | (2) Cable TV "F" |

SealTite® Pro Cable TV "F" Kit



Tackle all of your compression crimping jobs with the complete SealTite® Pro Kit. Includes all the tools you need to prepare the cable and terminate any compression connector using RG59, RG6 or RG6 Quad shield cables.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|-------------------|--------|
| PA4910 | SealTite® Pro Kit | 46 oz |

SEALTITE® PRO KIT INCLUDES

| | |
|-----------------|--|
| R PA1179 | KT8 round cable cutter |
| R PA1257 | LC CST CATV "F" coax stripper |
| R PA1917 | RG6/RG6 Quad shield flaring tool |
| R PA1559 | SealTite® Pro compression crimper |
| N/A | RG6/RG6 Quad SealTite® connectors (10) |

CoaxReady™ Compression Tool Kit



Adding to our CoaxReady solutions, this kit has everything you will need to terminate any manufacturers' cable TV "F", RCA or BNC compression connectors using RG6, RG6 Quad or RG59 cable sizes.

- 12 piece kit
- Includes zippered cordura portfolio case

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|---------------------------------|---------|
| PA906003 | CoaxReady™ Compression Tool Kit | 3.5 lbs |

COAXREADY™ COMPRESSION TOOL KIT INCLUDES

| | | |
|-----|--------|---|
| [R] | PA1821 | AM 35 Slitter |
| [R] | PA1179 | KT8 Cutter |
| [R] | PA1119 | Data & AV UTP & Coax Cutter/Stripper |
| [R] | PA1280 | CST Pro Coax tool |
| [R] | PA2280 | CST Pro GRN 3-Level Strip Blade Cartridge |
| [R] | PA2283 | CST Pro OG 3-Level Strip Blade Cartridge |
| [R] | PA2282 | CST Pro BK 3-Level Strip Blade Cartridge |
| [R] | PA2284 | CST Pro Rollers |
| [R] | PA1927 | CATV "F" Flaring & Insertion Tool |
| [R] | PA1555 | SealTite® Pro Compression Crimper |
| | N/A | Zippered Cordura® Portfolio Case |

CoaxReady™ Deluxe Kit



Perfect for LAN/Ethernet or video & CATV installation. For a wide variety of coaxial connectors including mini-coax and HDTV applications, CoaxReady™ Deluxe combines our most popular tools for a complete coax solution in a handy zipper case.

- Kit also includes terminators and adapters

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|-----------------------|--------|
| PA901081 | CoaxReady™ Deluxe Kit | 3 lbs |

COAXREADY™ DELUXE KIT INCLUDES

| | | |
|-----|--------|---|
| [R] | PA1179 | KT8 round cable cutter |
| [R] | PA1255 | LC CST-58/59 coax stripper |
| [R] | PA1578 | SoHo Cable Check™ |
| [R] | PA1302 | 1300 crimp tool frame with EZI-CHANGE™ thumb screws |

DIE SETS:

| | | |
|-----|--------|---|
| [R] | PA2034 | BNC/TNC - RG58/59/62AU |
| [R] | PA2649 | BNC/TNC - CATV "F" RG59/6/Belden 8281/1694A and 1505A |
| [R] | PA2653 | SMA/SMB/Mini 59 BNC & TNC/Mini-UHF |

CoaxReady™ Kit



With this kit a technician is set to tackle most coaxial cabling challenges. Perfect for the LAN/Ethernet or video installation installer. For a wide variety of coaxial connectors including mini-coax applications, CoaxReady™ combines our most popular tools with the new LC CST coax stripper in a handy zippered case.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|----------------|---------|
| PA901054 | CoaxReady™ Kit | 2.5 lbs |

COAXREADY™ KIT INCLUDES

| | | |
|-----|--------|---|
| [R] | PA1179 | KT8 round cable cutter |
| [R] | PA1255 | LC CST-58/59 coax stripper |
| [R] | PA1302 | 1300 crimp tool frame with EZI-CHANGE™ thumb screws |

DIE SETS:

| | | |
|-----|--------|--|
| [R] | PA2034 | BNC/TNC - RG58/59/62AU |
| [R] | PA2075 | BNC/TNC - RG58/59/62AU RG6 Teflon/Plenum |
| [R] | PA2653 | SMA/SMB/Mini 59 BNC & TNC/Mini-UHF |

Teflon® is a registered trademark of Dupont

Telco Technician Tool Kit



| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|----------------------|---------|
| PA4938 | Telco Technician Kit | 7.6 lbs |

BROADCASTREADY® PRO KIT INCLUDES

| | | |
|----------|--------|---|
| R | PA1116 | Data SureStrip® UTP/STP Cutter/Stripper |
| R | PA1933 | Datacomm Scissors |
| R | PA3570 | SurePunch® Pro Punchdown Tool |
| R | PA4571 | 110/66 blade |
| R | PA4599 | SurePunch® Pro Detachable LED Light |
| | N/A | Mini-MagLite® |
| | N/A | Sharpie® Black Marker |
| R | PA4940 | GripPack Quick Release PDT Holster |
| R | PA1561 | All-in-One Phone/Data Crimp Tool |
| R | PA9655 | (50) RJ45 Cat5e Modular Plugs |
| R | PA9654 | (50) RJ11 Modular Plugs |
| R | PA1902 | RJ45 Adapter |
| R | PA1903 | RJ11 Adapter |
| R | PA1573 | Tone Probe Plus Cable-Check™ |
| R | TM500 | Butt Set |
| | N/A | Plano® Tackle Box |
| R | PA4923 | Ultimate Tool Bag |

BroadcastReady® Kit



The BroadcastReady™ Kit includes professional tools for cutting, stripping, crimping and testing coaxial cable connections for HDTV, video and RF communications. Protected by a padded, zipper case. Also includes a screwdriver to change out die sets.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|---------------------|--------|
| PA901083 | BroadcastReady® Kit | 3 lbs |

BROADCASTREADY® PRO KIT INCLUDES

| | | |
|----------|--------|---------------------------------------|
| R | PA1179 | KT8 round cable cutter |
| R | PA1280 | CST Pro Coax tool |
| R | PA2280 | CST Pro GRN – common connectors |
| R | PA2281 | CST Pro OG – Kings & Amphenol 3-piece |
| R | PA2282 | CST Pro BK – ADC, Amphenol HDTV |
| | N/A | Screwdriver to change dies |
| R | PA1543 | LAN ProNavigator® tester & remote |
| R | PA1600 | 1600 Series crimp frame |

DataComm Pro Starter Kit Max



This kit is also a starter kit for datacomm professionals.

- 66 piece kit
- Includes the complete solution for cutting, crimping, and terminating
- All the tools included come in a compact zipper case

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|--------------------------|---------|
| PA4908 | DataComm Pro Starter Kit | 1.8 lbs |

DATACOMM PRO STARTER KIT INCLUDES

| | | |
|----------|--------|---|
| R | PA1116 | Data SureStrip® UTP/STP Cutter/Stripper |
| R | PA1931 | Datacomm Scissors |
| R | PA3570 | SurePunch® Pro Punchdown Tool |
| R | PA4528 | 110 Reversible blade |
| R | PA1561 | All-in-One Phone/Data Crimp Tool |
| R | PA9520 | (10) RJ45 Cat5e Modular Plugs |
| R | PA9654 | (50) RJ11 Modular Plugs |
| | N/A | Compact Zipper Case |

DataReady™ Pro Kit



A complete data cable installation kit providing everything to support the installer using commonly-available connectors, and punchdown termination blocks. All tools contained in a professional-quality, soft-sided zipper case with heavy-duty wrist strap.

| CAT. NO. | DESCRIPTION | WEIGHT |
|-----------|-----------------------------|--------|
| PA901378 | DataReady™ PRO Kit | 4 lbs |
| PA9013781 | DataReady™ PRO Kit - Krone* | 4 lbs |

DATAREADY™ PRO KITS INCLUDE

| | | |
|----------|--------|--|
| R | PA1116 | Data SureStrip® UTP/STP & flat satin cutter/stripper |
| R | PA1923 | Untwist Tool |
| R | PA3589 | SurePunch® Pro punchdown tool |
| R | PA4599 | SurePunch® Pro detachable LED light |
| R | PA4591 | Double 110 blade |
| R | PA4571 | 110/ 66 blade** |
| R | PA1543 | LAN ProNavigator® UTP/STP continuity tester & remote |
| R | PA8000 | CrimpALL® crimp frame with EZI-CHANGE™ thumb screws |

DIE SETS:

| | | |
|----------|--------|---------------------|
| R | PA2061 | RJ45 WE/SS-style |
| R | PA2062 | RJ11/12 WE/SS-style |
| R | PA2063 | RJ22 handset |
| R | PA2064 | DRJ45 AMP-style |
| R | PA2067 | RJ11 DEC-MMJ |

* Additional 110 blade included in PA9013781 Kit

** Replaced with Krone blade PA4575 (only with PA9013781 Kit)

DataReady™ Kit



The complete Category 5 datacomm tool set in a handy zipper case. Everything needed for a CAT-5 installation except the cable.

| CAT. NO. | DESCRIPTION | WEIGHT |
|-----------|-----------------------------|--------|
| PA901053 | DataReady™ Kit | 3 lbs |
| PA9010531 | DataReady™ Kit - AMP/Krone* | 3 lbs |

DATEREADY™ KITS INCLUDE

| | | |
|----------|--------|--|
| R | PA1116 | Data SureStrip® UTP/STP & flat satin cutter/stripper |
| R | PA1561 | All-in-One Phone/Data tool* |
| R | PA3570 | SurePunch® Impact Punchdown Tool |
| R | PA4571 | 110/ 66 blade** |
| R | PA1576 | Data Link/ID and Cable-Check™ Tester |
| | N/A | (20) RJ45 plugs, Cat5e, solid/stranded; flat/round cable |
| | N/A | Zipper Case with Carrying Strap |

* WE/SS - style replaced with AMP - style #1557

** Contains 110 & Krone blades PA4575 (only with PA9010531 Kit)

Premise Service Kit



Our biggest data, voice, and coaxial LAN installation kit provides everything for twisted pair and coaxial cable installation. All tools contained in a professional blow-mold case complete with form-fitting foam.

| CAT. NO. | DESCRIPTION | WEIGHT |
|-----------|----------------------------------|---------|
| PA901039 | Premise Service Kit | 7.6 lbs |
| PA9010391 | Premise Service Kit - AMP/Krone* | 7.6 lbs |

PREMISE SERVICE KITS INCLUDE

| | | |
|----------|--------|--|
| R | PA1179 | KT8 round cable cutter |
| R | PA1257 | LC-CST CATV "F" coax stripper* |
| R | PA1116 | Data SureStrip® UTP/STP & flat satin cutter/stripper |
| R | PA8000 | CrimpALL® crimp frame with EZI-CHANGE™ thumb screws |
| R | PA3589 | SurePunch® Pro punchdown tool |
| R | PA4599 | SurePunch® Pro detachable LED light |
| R | PA4578 | 110 blade |
| R | PA4573 | 66 blade*** |
| R | PA1543 | LAN ProNavigator® UTP/STP continuity tester & remote |
| R | PA1573 | Telephone Test Set & LAN Cable-Check™ |
| R | PA1902 | RJ45 8-way adapter |

DIE SETS:

| | | |
|----------|--------|---|
| R | PA2062 | RJ11/12 WE/SS-style** |
| R | PA2687 | RJ45 WE/SS-style & RG6/RG6 QS CATV "F"*** |

* Replaced with LC CST-58/59 coax stripper PA1255

** Replaced with RJ45 AMP-style & RG58/59 BNC/TNC dies PA2034, PA2064, PA2065

*** Replaced with BIX or Krone blade #PA4575 (only with PA9010391 Kit)

Network Tool Bundle



This new bundle provides the perfect solution for DIYers that want to use professional tools or for small contractors just starting out installing networks. It includes everything you need but the cable to get the job done.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|---------------------|---------|
| PA4909 | Network Tool Bundle | 18.4 oz |

PA4909 NETWORK TOOL BUNDLE INCLUDES

- R** PA1116 Data SureStrip® UTP/STP & flat satin cutter/stripper
- R** PA1561 All-in-One Phone & Data Tool
- R** PA3580 Non-impact 110 punchdown
- R** PA9546 10, RJ45 Cat5e plugs
- R** PA9520 10, RJ11 plugs

Computer Service Kit



- 3.6V cordless screwdriver, battery & charger.
- ESD wrist strap.
- 30-watt soldering iron.
- Desolderer & soldering aid with pick & scraper/cutter tip.
- Needle nose pliers (2).
- Angled-head lead cutter.
- Insulated tweezers.
- Component gripper & IC extractor.
- 10-piece driver socket set.
- 24-piece driver bit set: Torx, Hex, Phillips, Pozidrive, Slotted, and Square-Head.
- Socket adapter/extender & socket bit holder/extender.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|----------------------|---------|
| PA4370 | Computer service kit | 4.5 lbs |

Cordless Screwdriver & Socket Set



- Adjustable torque up to 21.7in-lbs (2.4 N-m).
- Includes 3.6V rechargeable battery.
- AC adapter/battery charger & bit holder included.
- Forward/reverse direction.
- One-hand operation.
- Handle swings easily from pistol to rod form.
- Includes 14-piece socket set: 6-12 mm; 3/16"-1/2".
- Includes 26-piece driver bits: 3 slotted, 5 Torx, 3 Phillips, 3 Robertson, 12 hex.
- Accepts 1/4" bits.

SPECIFICATIONS

| | |
|---------------------------|------------------------|
| Weight | 1.38 lbs. (.63 kg) |
| Length | 9.52" (242 mm) |
| Power Requirements | 3.6V NiCd battery |
| Battery Life | Approx. 600 cycles |
| Charging Time | 3-6 hours |
| AC adapter input | 120VAC 50-60Hz |
| No-load Speed | 170 rpm |
| Motor | 3.6VDC |
| Max. torque | 21.7 in-lbs. (2.4 N-m) |

* Not for use on precision torque screw requirements.

| CAT. NO. | DESCRIPTION |
|----------|-----------------------------------|
| PA4336 | Cordless screwdriver & socket set |
| PA6000 | Replacement battery |
| PA6001 | Battery Charger |

TERMINATION & TESTING

Voice and Category 5 Data Termination Kit



- Includes the tools and connectors necessary for installing a voice and data network.
- Durable Cordura® Plus zipper case protects and organizes tools and includes a see-through pouch for storing connectors.
- Outside pockets provide convenient storage of instruction manuals or worksite documents.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 45469 | 45469 | Voice and Category 5 Data Termination Kit |

Kit Includes:

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 45482 | 45482 | Cable Cutter |
| 45579 | 45579 | Kwik Stripper® Twisted Pair Stripper |
| 46023 | 46023 | Punchdown Tool with 110 Blade |
| 46022 | 46022 | 66 Style Punchdown Blade |
| 45575 | 45575 | Telephone Ratchet Crimper for 4-, 6- and 8-Position Modular Plugs |
| 45760 | 45760 | Category 5 Connectors RJ45, 8-Position (Qty. 50) |
| 45479 | 45479 | Zipper Case |

Category 5 Data Termination and Test Kit



- Includes the tools, connectors and testers necessary for installing a Cat 5 data network.
- Durable Cordura® Plus zipper case protects and organizes tools and includes a see-through pouch for storing connectors.
- Outside pockets provide convenient storage of instruction manuals or worksite documents.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 45470 | 45470 | Category 5 Data Termination and Test Kit |

Kit Includes:

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 45482 | 45482 | Cable Cutter |
| 45579 | 45579 | Kwik Stripper® Twisted Pair Stripper |
| 46023 | 46023 | Punchdown Tool with 110 Blade |
| 45575 | 45575 | Telephone Ratchet Crimper for 4-, 6- and 8-Position Modular Plugs |
| 45760 | 45760 | Category 5 Connectors RJ45, 8-Position (Qty. 50) |
| 468T | 60379 | Modular Cable Tester Transmitter with Tone Generator |
| 468R | 60380 | Modular Cable Tester Receiver |
| 45485 | 45485 | Zipper Case |

FIBER OPTIC HAND TOOLS

ProGrip 5-in-1 Fiber Optic Stripper



- Precision ground stripping cavities for:
 - 2.0 - 2.4 mm outer jacket
 - 2.0 - 3.0 mm loose tube
 - 2.8 - 3.0 mm outer jacket
 - 900 µm buffer insulation
 - 900/125 µm and 250/125 µm buffer/acrylate
- Factory calibrated.

| CAT. NO. | DESCRIPTION |
|----------|-------------------------------------|
| PA1171 | ProGrip 5-in-1 Fiber Optic Stripper |

ProGrip 3-in-1 Fiber Optic Stripper



- Precision ground stripping cavities for:
 - 2.0 mm outer jacket
 - 900 µm buffer insulation
 - 250 µm buffer/acrylate
- Factory calibrated.

| CAT. NO. | DESCRIPTION |
|----------|-------------------------------------|
| PA1177 | ProGrip 3-in-1 Fiber Optic Stripper |

Economy Kevlar® Cutter



- Cut protective Kevlar strands in fiber optic cable.
- Hard-chromed serrated edges to easily cut through Kevlar.
- Comfortable handles with large finger openings.
- 7.75" (197 mm) long

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|-----------------------|--------|
| PA1511 | Economy Kevlar Cutter | 2 oz |

Kevlar is a registered trademark of E.I. DuPont, Inc.

Economy Fiber Optic Stripper



- Pre-calibrated and factory set to ensure precision.
- Bright orange rubber dipped handles.
- Lock closure for safety and transport.
- Tool is for stripping 2.0-3.0 mm Fiber Optic cable, micron-cladded core.
- 5" (127 mm) long

SPECIFICATIONS




| | |
|--------|--------------|
| Weight | 3 oz. (86 g) |
| Length | 5" (127 mm) |

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|------------------------------|--------|
| PA1162 | Economy Fiber Optic Stripper | 3 oz |

Pocket Cable Stripper



- Specifically designed for stripping power and telecommunications cables from 3/4" to 1-1/2" in diameter (19 mm to 40 mm).
- Strips solid conductor, stranded conductor and multiple conductor cables.
- Easy blade depth adjustment.
- Blade rotates for circular, longitudinal and spiral cuts.

| CAT. NO. | UPC NO. | DESCRIPTION |
|---|---------|-----------------------------------|
| 1903 | 12679 | Cable Stripping Tool |
|  13544 | 13544 | Replacement Blade (2 per package) |
|  13545 | 13545 | Replacement Small Hook |
|  13546 | 13546 | Replacement Large Hook |

Fiber Optic Scribe



- Pen-type scribe with screw-in non-reversible carbide tip.
- Wedge shaped tip.
- Pocket-clip.
- Stainless steel barrel.
- 5.25" (197 mm)

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|--------------------|--------|
| PA1922-1 | Fiber Optic Scribe | 2 oz |

Fiber Optic Polishing Pucks



- Manufactured from aluminum with tungsten coating.
- Cleaner than conventional plastic pucks because less debris left behind.
- Double the lifetime of conventional plastic pucks.
- Length: 7.75" (197 mm)

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|---------------------------|--------|
| PA1920-1 | SC, ST, FC Polishing Puck | 2 oz |
| PA1926-1 | LC Polishing Puck | 2 oz |

Fiber Optic Inspection Microscope



- High-powered microscope is used to check a connector's endface for excess epoxy, core or cladding chips or other irregularities that degrade optical performance of the connector.
- Laser safety filter protects eyesight.
- Rubber eyecup for comfortable use.
- Rugged aluminum housing.
- 200X magnification.
- Universal adapter works with ST, SC or FC connectors.
- Includes padded nylon carrying case.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------------------|
| 45651 | 45651 | Fiber Optic Inspection Microscope |

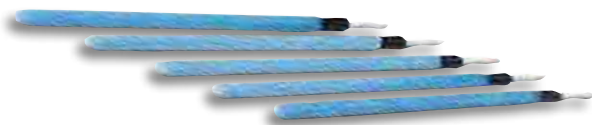
Connector Cleaning Systems



- Special lint-free fabric-on-a-reel quickly cleans ferrule endfaces of dust, oil and other contaminants.
- Cleaning system is completely self-contained.
- No need for alcohol.
- A single cleaning reel can be used for over 400 ferrule cleanings.
- ReelCleaner™ can be used on all connector types including MTP and MT-RJ.

| CAT. NO. | UPC NO. | DESCRIPTION |
|--------------------|---------|--|
| 948 | 60692 | ReelCleaner™ Connector Cleaning System |
| R 948/2 | 10792 | Reel Set, 2/Package |
| R 945/ESD/1 | 24053 | Reel Set, 1/Package |

Adapter Cleaning Wands



- Specially-created, lint-free materials clean hard-to-reach fiber optic interfaces, bulkhead adapters and ferrule alignment sleeves.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------------------|
| 946 | 60571 | 2.5 mm Cleaning Wands, 10/Package |
| 946K | 60689 | 2.5 mm Cleaning Wands, 200/Box |
| 947 | 60690 | 1.25 mm Cleaning Wands, 10/Package |
| 947K | 60691 | 1.25 mm Cleaning Wands, 200/Box |

Fiber Optic Consumables Kit



- Contains the most commonly used consumables for epoxy and polish fiber optic terminations.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------------|
| 45656 | 45656 | Fiber Optic Consumables Kit |

FIBER OPTIC TESTING

525-90 PON Optical Loss Test Set



- 1310/1490/1550nm.
- Automated Insertion/Return Loss measurements.
- One button AUTOTEST.
- Stores 1000 measurement results.
- Cable acceptance software for report generation and fiber optic cable management.
- Optical power meter.
- Optical return loss meter.
- Rechargeable batteries.
- Rugged package for outside plant environment.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|---|
| 525-90-FC | 00899 | PON Optical Loss Test Set (1310/1490/1550 nm) |
| 525-90-SC | 00900 | PON Optical Loss Test Set (1310/1490/1550 nm) |

SPECIFICATIONS

POWER METER

| | |
|-------------------------------|--|
| Detector Type | InGaAs |
| Display Range | +10 dBm to -70 dBm |
| Calibrated Wavelengths | 850, 980, 1300, 1310, 1490, 1550, 1625 |
| Absolute Accuracy | <±0.25 dB |
| Resolution | 0.01 dB |
| Measurement Units | dBm, dB |

SOURCE

| | | | |
|--------------------------|---|-----------------|-----------------|
| Center Wavelength | 1310 nm ± 30 nm | 1490 nm ± 30 nm | 1550 nm ± 30 nm |
| Spectral Width | <5 | <5 | <5 |
| Output Power | >-10 dBm | >-10 dBm | >-10 dBm |
| Output Stability | <±0.15 dB/8 hrs | <±0.15 dB/8 hrs | <±0.15 dB/8 hrs |
| Bulkhead Type | UCI-APC polish adapter 9-125 SM SOC Adapter | | |

See page 368 for available adapters.

SPECIFICATIONS

AUTOTEST INSERTION LOSS

| | |
|-------------------------------|---------------------|
| Test Port | 40 dB |
| Measurement Range | |
| Calibrated Wavelengths | 1310, 1490, 1550 nm |

RETURN LOSS

| | |
|--------------------------|-------------|
| Measurement Range | 10 to 45 dB |
| Accuracy | .5 dB |

GENERAL SPECIFICATIONS

| | |
|------------------------------|--|
| Display Type | Graphics Liquid Crystal with Backlight |
| Fiber Type | Singlemode 9/125 um |
| Standard Adapter Type | FC, SC, ST other adapter options available |
| Laser Classification | Class 1 CFR 1040 |
| Operating Temperature | 0° C to +50° C |
| Storage Temperature | -20° C to +60° C |
| Relative Humidity | 0 to 95% RH non-condensing |
| Size | 7.6 x 4.3 x 2.3 in. (19.3 x 10.9 x 5.8 cm) |
| Weight | 2.2 lbs. (1.0 kg) |
| Power | Internal rechargeable NiMH |
| Battery Life | > 8 hours |

525-60 Smart Optical Loss Test Set



- Automated bi-directional testing.
- Optical return loss measurements.
- Dual wavelength insertion loss measurements.
- Multi-mode and Single-mode models feature user settable PASS/FAIL thresholds.
- Communications between units via messaging.
- Wide dynamic range optical power meter.
- Test record storage and data management software.
- Rugged outside plant instrument package.
- Universal connector interface.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---|
| 525-60-FC | 00894 | 1310/1550 nm Smart Optical Loss Test Set - PC Connectors |
| 525-60-SC | 00895 | 1310/1550 nm Smart Optical Loss Test Set - APC Connectors |
| 525-60-ST | 00896 | 1310/1550 nm Smart Optical Loss Test Set - APC Connectors |
| 525-60RLAPC-FC | 00897 | 1310/1550 nm Smart Optical Loss Test Set - APC Connectors |
| 525-60RLAPC-SC | 00898 | 1310/1550 nm Smart Optical Loss Test Set - APC Connectors |

SPECIFICATIONS

| SPECIFICATIONS | 525-60-XX | 525-60RLAPC-XX |
|-----------------------|--|---|
| Instrument Type | Singlemode Smart Loss Test Set | Singlemode Smart Loss Test Set |
| Interface Connector | PC Connector Interface AUTOTEST performs | APC Connector Interface AUTOTEST performs |
| AUTOTEST measurements | Insertion Loss Test and Manual Return Loss | Insertion and Return Loss in one Test |

POWER METER SPECIFICATIONS

| | | |
|------------------------|--|--|
| Detector Type | InGaAs | InGaAs |
| Display Range | +10 dBm to -70 dBm | +10 dBm to -70 dBm |
| Calibrated Wavelengths | 850, 980, 1300, 1310, 1550, 1480, 1625 | 850, 980, 1300, 1310, 1550, 1480, 1625 |
| Absolute Accuracy | ±0.25 dB | ±0.25 dB |
| Resolution | 0.01 dB | 0.01 dB |
| Measurement Units | dBm, dB, W | dBm, dB, W |
| Adapter Type | UCI-UPC flat polish adapter 9/125SM | UCI-UPC flat polish adapter 9/125SM |

SOURCE SPECIFICATIONS

| | | | | |
|-------------------|----------------|----------------|----------------|----------------|
| Center Wavelength | 1310 nm ±30 nm | 1550 nm ±30 nm | 1310 nm ±30 nm | 1550 nm ±30 nm |
| Spectral Width | <5 | <5 | <5 | <5 |
| Output Power | >-10 dBm | >-10 dBm | >-10 dBm | >-10 dBm |
| Output Stability | ±0.15 dB | ±0.15 dB | ±0.15 dB | ±0.15 dB |
| | 8 hours | 8 hours | 8 hours | 8 hours |

AUTOTEST INSERTION LOSS SPECIFICATIONS

| | | |
|-----------------------------|---------------|---------------|
| Test Port Measurement Range | 40 dB | 40 dB |
| Calibrated Wavelengths | 1310, 1550 nm | 1310, 1550 nm |

RETURN LOSS SPECIFICATIONS

| | | |
|-------------------|-------------|-------------|
| Measurement Range | 10 to 45 dB | 10 to 45 dB |
| Accuracy | .5 dB | .5 dB |

GENERAL DESCRIPTIONS

| | | |
|-----------------------|--|--|
| Display Type | Graphics Liquid Crystal with Backlight | Graphics Liquid Crystal with Backlight |
| Fiber Type | Singlemode 9/125 um | Singlemode 9/125 um |
| Standard Adapter Type | FC, SC, ST other adapter options available | FC, SC, ST other adapter options available |
| Laser Classification | Class 1 CFR 1040 | Class 1 CFR 1040 |
| Operating Temperature | 0° C to +50° C | 0° C to +50° C |
| Storage Temperature | -20° C to +60° C | -20° C to +60° C |
| Relative Humidity | 0 to 95% RH non-condensing | 0 to 95% RH non-condensing |
| Size | 19.3 x 10.9 x 5.8 cm (7.6 x 4.3 x 2.3 in) | 19.3 x 10.9 x 5.8 cm (7.6 x 4.3 x 2.3 in) |
| Weight | 1.0 kg (2.2 lbs) | 1.0 kg (2.2 lbs) |
| Power | Internal rechargeable NiMH | Internal rechargeable NiMH |
| Battery Life | >8 hours | >8 hours |

525-30 Smart Optical Loss Test Set



- Automated dual cable testing.
- Optical return loss measurements.
- Dual wavelength insertion loss measurements.
- Multi-mode and Single-mode models feature user settable PASS/FAIL thresholds.
- Communications between units via messaging.
- Wide dynamic range optical power meter.
- Test record storage and data management software.
- Rugged outside plant instrument package.
- Universal connector interface.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|--|
| 525-30-FC | 00891 | 850/1300nm Smart Optical Loss Test Set - PC Connectors |

SPECIFICATIONS

POWER METER

| | |
|------------------------|---|
| Detector Type | InGaAs |
| Display Range | +10 dBm to -70 dBm |
| Calibrated Wavelengths | 850, 980, 1300, 1310, 1550, 1480, 1625 nm |
| Absolute Accuracy | <±0.25 dB |
| Resolution | 0.01 dB |
| Measurement Units | dBm, dB |

SOURCE

| | | |
|-------------------|---|--------------------|
| Center Wavelength | 850 nm ±30 nm | 1300 nm ±30 nm |
| Spectral Width | <170 | <170 |
| Output Power | >-21 dBm | >-21 dBm |
| Output Stability | <±0.10 dB/8 hrs | <±0.10 dB/8 hrs |
| HOMP | | 0.03 dB to 0.80 dB |
| Adapter Type | UCI-APC flat polish adapter 62.5/125 SM | |

See page 368 for available adapters.

AUTOTEST INSERTION LOSS

| | |
|------------------------|--------------|
| Test Port | |
| Measurement Range | 25 dB |
| Calibrated Wavelengths | 850, 1300 nm |

GENERAL SPECIFICATIONS

| | |
|-----------------------|--|
| Display Type | Graphics Liquid Crystal with Backlight |
| Fiber Type | Multimode 62.5/125 um |
| Standard Adapter Type | FC, SC, ST other adapter options available |
| Operating Temperature | 0° C to +50° C |
| Storage Temperature | -20° C to +60° C |
| Relative Humidity | 0 to 95% RH non-condensing |
| Size | 7.6 x 4.3 x 2.3 in. (19.3 x 10.9 x 5.8 cm) |
| Weight | 2.2 lbs. (1.0 kg) |
| Power | Internal rechargeable NiMH |
| Battery Life | > 8 hours |

Fiber Optic Power Meter



- Easy to use - three buttons control all functions.
- Loss measurements in (dB); power measurements in (dBm).
- 0.01 dB measurement resolution.
- Multi-wavelength storage - store and recall reference power levels for faster, more efficient measurements.
- Snap-On connector interface adapts to FC, SC and ST connectors.
- Long battery life.
- User selectable auto shut-off.
- Rugged and splash-proof.
- Economically priced.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------|
| 560XL | 84485 | Fiber Optic Power Meter |
| A 1062 | 60575 | SC/PC UCI Adapter |
| A T1020 | 60576 | FC/PC SOC Adapter |
| A T1030 | 60577 | ST/PC SOC Adapter |

SPECIFICATIONS

OPTICAL

| | |
|-------------------------|---|
| Calibration Wavelengths | 850 nm, 1300 nm, 1310 nm and 1550 nm |
| Power Range | +3 dBm to -60 dBm |
| Accuracy | ± 0.25 dB |
| Linearity | |
| +3dBm to -3dBm | ±0.5 dB |
| -3dBm to -50dBm | ±0.5 dB |
| -50dBm to -60dBm | ±0.5 dB |
| Resolution | 0.01 dB |
| Power Requirements | Two AA size 1.5V batteries (approx. 100 hours continuous operation) |
| Connector interface | FC, SC or ST SOC Adapter |

SPECIFICATIONS

Environmental

| | |
|-----------------------|---|
| Operating temperature | -15° C to +55° C |
| Storage temperature | -35° C to +70° C |
| Humidity | 0 to 95% non-condensing |
| Dimensions | 7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.) |
| Weight | 241 g (8.5 oz.) |
| CE | EN61010; EN50081-1: 1992; EN55011, Group 1, Class A EN50082-1: 1992 IEC 801-2, -3, -4 |

Silicon Fiber Optic Power Meter

NEW PRODUCT



SPECIFICATIONS

Environmental

| | |
|------------------------------|---|
| Operating temperature | -15° C to +55° C |
| Storage temperature | -35° C to +70° C |
| Humidity | 0 to 95% non-condensing |
| Dimensions | 7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.) |
| Weight | 241 g (8.5 oz.) |
| CE | EN61010; EN50081-1: 1992; EN55011, Group 1, Class A EN50082-1: 1992 IEC 801-2, -3, -4 |

- Easy to use - three buttons control all functions
- Loss measurements in (dB); power measurements in (dBm)
- 0.01 dB measurement resolution
- Snap on connector interface adapts to FC, SC and ST connectors. Contact Greenlee for other available adapters.
- Long battery life
- User selectable auto shut-off
- Rugged and splash-proof
- Economically priced

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 567XL | 00025 | XL fiberTOOLS - Silicon Fiber Optic Power Meter |

SPECIFICATIONS

OPTICAL

| | | |
|--------------------------------|---|----------|
| Detector Type | 3 x 3.5 mm Silicon | |
| Calibration Wavelengths | 635 nm, 780 nm, and 850 nm | |
| Power Range | +3 dBm to -60 dBm | |
| Accuracy | ±0.25 dB | |
| Linearity at: | +3 dBm to -3 dBm | ±0.5 db |
| | -3 dBm to -50 dBm | ±0.05 db |
| | -50 dBm to -60 dBm | ±0.5 db |
| Resolution | 0.01 dB | |
| Power Requirements | Two AA size 1.5V batteries (approx. 100 hours continuous operation) | |
| Connector Interface | SOC | |

High Intensity Fiber Optic Power Meter

NEW PRODUCT



SPECIFICATIONS

Environmental

| | |
|------------------------------|---|
| Operating temperature | -15° C to +55° C |
| Storage temperature | -35° C to +70° C |
| Humidity | 0 to 95% non-condensing |
| Dimensions | 7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.) |
| Weight | 241 g (8.5 oz.) |
| CE | EN61010; EN50081-1: 1992; EN55011, Group 1, Class A EN50082-1: 1992 IEC 801-2, -3, -4 |

- Easy to use - three buttons control all functions
- Multi-Wavelength Storage: Store and recall reference power levels for faster, more efficient measurements!
- 0.01dB measurement resolution
- Loss measurements in (dB); power measurements in (dBm)
- Snap on connector interface adapts to FC, SC and ST connectors. Contact Greenlee for other available adapters.
- Long battery life
- User selectable auto shut-off
- Rugged and splash-proof
- Economically priced

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 568XL | 00026 | XL fiberTOOLS - High Intensity Optic Power Meter |

SPECIFICATIONS

OPTICAL

| | | |
|--|---|--------------|
| Detector Type | 2 mm indium-arsenide (InGaAs) | |
| Calibration Wavelengths | 980 nm, 1310 nm, and 1550 nm | |
| Power Range | +25 to -30 dBm (1310 nm and 1550 nm); | |
| | +25 to -27 dBm measurement range at 980 nm. To avoid thermal damage, limit exposure high power (greater than +23 dBm) to less than 30 minutes; +25 to -27 dBm (980 nm only) | |
| Linearity at: (1310nm and 1550nm) | +25 dBm to +22 dBm | ±1.0 dB |
| | +22 dBm to +18 dBm | ±0.5 dB |
| | +18 dBm to +10 dBm | ±0.2 dB |
| | +10 dBm to -30 dBm | ±0.05 dB |
| Absolute Accuracy | ±0.25dB at calibration conditions | |
| Wavelength Dependence | 975 to 985 nm | 0.025 dB/nm |
| | 1270 to 1330 nm | 0.0033 dB/nm |
| | 1500 to 1625 nm | 0.0016 dB/nm |
| Polarization Dependence | <0.1 dB | |
| Resolution | ±0.01 dB | |
| Power Requirements | Two AA size 1.5V batteries (approx. 100 hours continuous operation) | |
| Connector Interface | SOC | |

850/1300 nm LED Source



- 850/1300 nm wavelengths.
- Stable calibrated output.
- Easy to use.
- Continuous wave and modulated output.
- Fixed connector interface FC, SC or ST.
- Long battery life - approx. 80 hours.
- User selectable auto shut-off.
- Rugged and splash-proof.
- Economically priced.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------------------|
| 570XL-FC | 84486 | 850/1300 nm LED source w/FC interface |
| 570XL-SC | 84487 | 850/1300 nm LED source w/SC interface |
| 570XL-ST | 84488 | 850/1300 nm LED source w/ST interface |

SPECIFICATIONS

ENVIRONMENTAL

| | |
|------------------------------|---|
| Operating temperature | -15° C to +55° C |
| Storage temperature | -35° C to +70° C |
| Humidity | 0 to 95% non-condensing |
| Dimensions | 7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.) |
| Weight | 241 g (8.5 oz.) |
| CE | EN61010; EN50081-1: 1992; EN55011, Group 1, Class A EN50082-1: 1992 IEC 801-2, -3, -4 |

SPECIFICATIONS

OPTICAL

| | | |
|--|----------------------------|----------------------------|
| Center Wavelengths | 850 nm | 1300 nm |
| Range (typical) | 840 nm to 880 nm | 1270 nm to 1345 nm |
| Max. spectral width | 55 nm | 150 nm |
| Stability (1 hour) | ±0.05 dB | ±0.05 dB |
| Typical power output | | |
| 100/140um | -13 dBm | -20 dBm |
| 62.5/125um | -13 dBm | -20 dBm |
| 50/125um | -14 dBm | -21 dBm |
| Modulation frequency | 270 kHz, 1 kHz and 2 kHz | 270 kHz, 1 kHz and 2 kHz |
| Power Requirements | Two AA size 1.5V batteries | Two AA size 1.5V batteries |
| (approx. 80 hours continuous operation) | | |
| Connector interface | FC, SC or ST | FC, SC or ST |

1310/1550 nm Laser Source



- 1310/1550nm wavelengths.
- Stable calibrated output.
- Easy to use.
- Continuous wave and modulated output.
- Fixed connect interface FC, SC or ST.
- Long battery life - approx. 80 hours.
- User selectable auto shut-off.
- Rugged and splash-proof.
- Economically priced.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 580XL-FC | 84489 | 1310/1550nm Laser source w/FC interface |
| 580XL-SC | 84490 | 1310/1550nm Laser source w/SC interface |
| 580XL-ST | 84491 | 1310/1550nm Laser source w/ST interface |

SPECIFICATIONS

ENVIRONMENTAL

| | |
|------------------------------|---|
| Operating temperature | -15° C to +55° C |
| Storage temperature | -35° C to +70° C |
| Humidity | 0 to 95% non-condensing |
| Dimensions | 7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.) |
| Weight | 241 g (8.5 oz.) |
| CE | EN61010; EN50081-1: 1992; EN55011, Group 1, Class A EN50082-1: 1992 IEC 801-2, -3, -4 |

SPECIFICATIONS

OPTICAL

| | | |
|--|----------------------------|----------------------------|
| Center Wavelengths | 1310 nm | 1550 nm |
| Range (typical) | 1280 nm to 1340 nm | 1520 nm to 1580 nm |
| Max. spectral width | <5 nm | <5 nm |
| Stability (1 hour) | ±0.05 dB | ±0.05 dB |
| Typical power output (9/125) | | |
| Minimum | -8 dBm | -8 dBm |
| Typical | -7 dBm | -7 dBm |
| Modulation frequency | 270 kHz, 1 kHz and 2 kHz | 270 kHz, 1 kHz and 2 kHz |
| Power Requirements | Two AA size 1.5V batteries | Two AA size 1.5V batteries |
| (approx. 80 hours continuous operation) | | |
| Connector interface | FC, SC or ST | FC, SC or ST |

CDRH Laser Class Class 1

650 nm LED Source for Large Core Plastic and Glass Fiber

NEW PRODUCT



- 650 nm wavelength
- Stable calibrated output
- Easy to use
- Continuous wave and modulated output
- ST connector interface
- Long battery life - approx. 24 hours
- User selectable auto shut-off
- Rugged and splash-proof
- Economically priced

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|----------------------------------|
| 573XL-ST | 00023 | 650NM LED source w/ST interface |
| 573XL-UNIV | 00598 | 650NM LED source w/UCI interface |

SPECIFICATIONS

ENVIRONMENTAL

| | |
|-----------------------|---|
| Operating temperature | -15° C to +55° C |
| Storage temperature | -35° C to +70° C |
| Humidity | 0 to 95% non-condensing |
| Dimensions | 7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.) |
| Weight | 241 g (8.5 oz.) |
| CE | EN61010; EN50081-1: 1992; EN55011, Group 1, Class A EN50082-1: 1992 IEC 801-2, -3, -4 |

SPECIFICATIONS

OPTICAL

| | |
|---------------------------------------|--|
| Center Wavelength | 650 nm |
| Range (Typical) | 630 nm to 670 nm |
| Max. Spectral Width (FWHM) | 40 nm |
| Stability (1 hour) | ±0.05 dB |
| Power Output into MM 200/300 SI Fiber | -15 dBm ±0.5 dB |
| Modular Frequencies | 270 kHz, 1 kHz and 2 kHz ±0.5 dB |
| Power Requirements | Two AA size 1.5V batteries (approx. 24 hours continuous operation) |
| Connector Interface | ST |

1300 nm LED Source with M90 Launch Condition using 62.5/1.25 Fiber

NEW PRODUCT



- 850 nm wavelength
- Stable calibrated output
- Easy to use
- Continuous wave and modulated output
- Universal connector interface
- Long battery life - approx. 24 hours
- User selectable auto shut-off
- Rugged and splash-proof
- Economically priced

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------------|---------|-------------------------------------|
| 578XL-M90 | 00753 | LED Source 1300 NM, 62.5/1.25 Fiber |
| A ACP-108 | 60572 | FC/PC UCI Adapter |
| A AST-108 | 60573 | ST/PC UCI Adapter |
| A ASC-108 | 60574 | SC/PC UCI Adapter |

SPECIFICATIONS

ENVIRONMENTAL

| | |
|-----------------------|---|
| Operating temperature | -15° C to +55° C |
| Storage temperature | -35° C to +70° C |
| Humidity | 0 to 95% non-condensing |
| Dimensions | 7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.) |
| Weight | 241g (8.5 oz.) |
| CE | EN61010; EN50081-1: 1992; EN55011, Group 1, Class A EN50082-1: 1992 IEC 801-2, -3, -4 |

SPECIFICATIONS

OPTICAL

| | |
|--|--|
| Center Wavelength | 1300 nm |
| Range (Typical) | 150 nm |
| Max. Spectral Width (FWHM) | <55 nm |
| Stability (1 hour) | ±0.05 dB |
| Launch Profile | M90 |
| Power Output into MM 62.5/125 GI fiber | -20 dBm |
| Modular Frequencies | 270 kHz, 1 kHz and 2 kHz ±5% |
| Power Requirements | Two AA size 1.5V batteries (approx. 24 hours continuous operation) |
| Connector Interface | Universal connector interface, physical contact (UCI-PC) |

850 nm LED Source with AS-100 Launch Condition using 100/140 Fiber

**NEW
PRODUCT**



- 850 nm wavelength
- Stable calibrated output
- Easy to use
- Continuous wave and modulated output
- Universal connector interface
- Long battery life - approx. 24 hours
- User selectable auto shut-off
- Rugged and splash-proof
- Economically priced

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------------|---------|----------------------------------|
| 577XL AS100 | 00029 | 850 nm LED source w/AS100 Launch |
| A ACP-108 | 60572 | FC/PC UCI Adapter |
| A AST-108 | 60573 | ST/PC UCI Adapter |
| A ASC-108 | 60574 | SC/PC UCI Adapter |

SPECIFICATIONS

ENVIRONMENTAL

| | |
|------------------------------|---|
| Operating temperature | -15° C to +55° C |
| Storage temperature | -35° C to +70° C |
| Humidity | 0 to 95% non-condensing |
| Dimensions | 7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.) |
| Weight | 241 g (8.5 oz.) |
| CE | EN61010; EN50081-1: 1992; EN55011, Group 1, Class A EN50082-1: 1992 IEC 801-2, -3, -4 |

SPECIFICATIONS

OPTICAL

| | |
|--|--|
| Center Wavelength | 850 nm |
| Range (Typical) | 840 nm to 880 nm |
| Max. Spectral Width (FWHM) | <55 nm |
| Stability (1 hour) | ±0.05 dB |
| Launch Profile | AS100 |
| Power Output into MM 100/140 GI fiber | -13 dBm ±0.5 dB |
| Modular Frequencies | 270 kHz, 1 kHz and 2 kHz ±5% |
| Power Requirements | Two AA size 1.5V batteries (approx. 24 hours continuous operation) |
| Connector Interface | Universal connector interface, physical contact (UCI-PC) |

Multimode Fiber Optic Test Set



- Insertion loss test set for multimode fiber.
- 850/1300 nm loss measurements.
- Connector for FC, SC or ST.
- Rugged package design.
- Easy to use portable package.
- Economically priced.

SPECIFICATIONS

5670-FC INCLUDES:

- 560XL Optical Power Meter
- 570XL-FC 850/1300 nm LED Source w/FC Connector
- T1020 FC/PC SOC Adapter
- 914B Carrying Case

5670-SC INCLUDES:

- 560XL Optical Power Meter
- 570XL-SC 850/1300 nm LED Source w/SC Connector
- SC/PC SOC Adapter
- 914B Carrying Case

5670-ST INCLUDES:

- 560XL Optical Power Meter
- 570XL-ST 850/1300 nm LED Source w/ST Connector
- T1030 ST/PC SOC Adapter
- 914B Carrying Case

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 5670-FC | 84492 | Multimode Fiber Optic Test Set w/FC interface |
| 5670-SC | 84493 | Multimode Fiber Optic Test Set w/SC interface |
| 5670-ST | 84494 | Multimode Fiber Optic Test Set w/ST interface |

Singlemode Fiber Optic Test Set



- Insertion loss test set for singlemode fiber.
- 1310/1550 nm loss measurements.
- Connector for FC, SC or ST.
- Rugged package design.
- Easy to use portable package.
- Economically priced.

KIT SPECIFICATIONS

5680-FC INCLUDES:

- 560XL Optical Power Meter
- 580XL-FC 1310/1550 nm Laser Source w/FC Connector
- T1020 FC/PC SOC Adapter
- 914B Carrying Case

5680-SC INCLUDES:

- 560XL Optical Power Meter
- 580XL-SC 1310/1550 nm Laser Source w/SC Connector
- 1062 SC/PC SOC Adapter
- 914B Carrying Case

5680-ST INCLUDES:

- 560XL Optical Power Meter
- 580XL-ST 1310/1550 nm Laser Source w/ST Connector
- T1030 ST/PC SOC Adapter
- 914B Carrying Case

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 5680-FC | 84495 | Singlemode Fiber Optic Test Set w/FC interface |
| 5680-SC | 84496 | Singlemode Fiber Optic Test Set w/SC interface |
| 5680-ST | 84497 | Singlemode Fiber Optic Test Set w/ST interface |

Multimode and Singlemode Fiber Optic Test Set



- Insertion loss test set for multimode and singlemode fiber.
- 850/1300 nm Loss measurements.
- 1310/1550 nm Loss measurements.
- Connector for FC, SC or ST.
- Rugged package design.
- Easy to use portable package.
- Economically priced.

KIT SPECIFICATIONS

5890-FC INCLUDES:

- 560XL Optical Power Meter
- 570XL-FC 850/1300 nm LED Source w/FC Connector
- 580XL-FC 1310/1550 nm Laser Source w/FC Connector
- T1020 FC/PC SOC Adapter
- 915B Carrying Case

5890-SC INCLUDES:

- 560XL Optical Power Meter
- 570XL-SC 850/1300 nm LED Source w/SC Connector
- 580XL-SC 1310/1550 nm Laser Source w/SC Connector
- 1062 SC/PC SOC Adapter
- 915B Carrying Case

5890-ST INCLUDES:

- 560XL Optical Power Meter
- 570XL-ST 850/1300 nm LED Source w/ST Connector
- 580XL-ST 1310/1550 nm Laser Source w/ST Connector
- T1030 ST/PC SOC Adapter
- 915B Carrying Case

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 5890-FC | 84498 | Multimode and Singlemode Fiber Optic Test Set w/FC interface |
| 5890-SC | 84499 | Multimode and Singlemode Fiber Optic Test Set w/SC interface |
| 5890-ST | 84500 | Multimode and Singlemode Fiber Optic Test Set w/ST interface |

Visual Fault Finder



SPECIFICATIONS

ENVIRONMENTAL

| | |
|------------------------------|--|
| Operating temperature | -10° C to +50° C |
| Storage temperature | -40° C to +60° C |
| Humidity | 0 to 95% non-condensing |
| Dimensions | Length: 22 cm (9.0 in.); Diameter: 2.54 cm (1 in.) |
| Weight | 200 g (7 oz.) |
| CDRH Laser Class: | Class IIIa |
| CE | IEC 60-1-2 portion of the EN50082-1 ESD immunity requirement EN50082-1: 1992 IEC 801-2, -3, -4 |

- Continuous wave output mode for steady fault location.
- Find breaks to 5km.
- Blinking output mode increases viewing contrast.
- Easy to use quick interface fits all 2.5mm connector interfaces (FC, SC, ST).
- 1.0mW output power.
- Ergonomic rotary switch permits easy one-handed operation.
- Rugged, compact and splash-proof aluminum design.
- Two AA batteries provide 48 hours continuous operation.
- Nylon belt holster included.

SPECIFICATIONS

OPTICAL

| | |
|------------------------------|---|
| Light source type | 635 nm red laser diode |
| Center wavelength | |
| Nominal | 635 nm |
| Range (typical) | 630 nm to 640 nm |
| Spectral width (FWHM) | <2 nm |
| Typical output power | 1.0 mW (0dBm) into Single Mode (SMF-28) fiber |

Blink frequency in

| | |
|----------------------------|--|
| MOD mode | <3hz approximate) |
| Power Requirements | Two AA size 1.5V batteries (Battery life Approx. 48 hours continuous operation) |
| Connector interface | Standard "Quick Connect" universal 2.5 mm receptacle |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------|
| 170XL | 84501 | Visual Fault Finder |

SensoLITE™ Light Detector

NEW
PRODUCT



Promotes workplace safety – can help prevent accidental eye exposure to hazardous laser radiation when used as directed

SPECIFICATIONS

ENVIRONMENTAL

| | |
|------------------------------|---|
| Operating temperature | -15° C to +55° C |
| Storage temperature | -25° C to +70° C |
| Humidity | 0 to 90% RH, non-condensing |
| Dimensions | 14.2 x 4.3 x 3.3 cm (5.6 x 1.7 x 1.3 in.) |
| Weight | 120 g (4.2 oz.) with batteries |

- Detects visible and invisible light wavelengths (630 nm to 1600 nm)
- Saves time and eliminates guesswork
- Simple, durable, and easy to use
- Works with bare and connectorized fibers
- Accepts all fiber and most connector types
- Wide sensitivity range: from -55 dBm to +25 dBm
- Presence of light indicated by an audible signal and an illuminated front panel LED
- Unique design permits testing in bright ambient light conditions
- Long battery life—up to one year of normal use
- Low battery indicator
- Replaceable light blocking curtain

SPECIFICATIONS

OPTICAL

| | |
|--------------------------|---|
| Center Wavelength | 630 nm to 1600 nm |
| Detector | PIN-type germanium |
| Optical Interface | Direct connection to bare or connectorized fibers; No specialized adapters required |

Sensitivity

| | |
|---------------|-----------|
| 630nm | < -40 dBm |
| 850nm | < -55 dBm |
| 1300nm | < -55 dBm |
| 1550nm | < -55 dBm |

Output Indicators

| | |
|--------------------------|--------------------------|
| Light > -40dBm | Amber LED/audible signal |
| Battery test | Green LED |

| | |
|---------------------------|--|
| Power Requirements | Two AA size 1.5V batteries (approx. 100 hours continuous operation) |
|---------------------------|--|

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------|
| 510XL | 00024 | Visual Fault Finder |

920xc Handheld Multimode OTDR



- Economical.
- Compact handheld design.
- Easy to use.
- Fast automated testing.
- Up to 22 db dynamic range.
- Large backlight LCD display.
- Measure length and defects of coiled fiber.
- Fiber analysis software for data management and report generation.
- RS-232/USB interface.
- NiMH batteries for 8 hours continuous use.

MULTIMODE SPECIFICATIONS

| Fiber Type | 920XC-20M | |
|-------------------------------|---|-----------------------------------|
| Wavelength (± 20nm) | 850 | 1300 |
| Dynamic Range (dB) | 18 | 22 |
| Event deadzone (m) | 7 | |
| Attenuation Deadzone (m) | 20 | |
| Emitter Type | LED | |
| Pulsewidth (ns) | 12/30/100/275/1us | 30/100/275/1us/2us |
| Selectable Ranges (km) | 0.1/0.3/0.5/1.3/2.5/5/10 | 0.1/0.3/0.5/1.3/2.5/5/10/20/40/80 |
| Average Time | 15s/30s/1 min/2 min/3 min | |
| Distance measurement accuracy | ±(1m + 5 X 10 ⁻⁵ x distance + sampling space) | |
| Connector Type | PC (interchangeable FC, SC, ST) | |
| Fiber Analysis Software | | |
| Reflection detect accuracy | ±4 dB | |
| Attenuation detect accuracy | ±0.05 dB/dB | |
| Measurement data storage | 1,000 test curves | |
| Data transmission | RS-232/USB port | |
| General | | |
| Power Supply | NiMH chargeable battery/AC adapter | |
| Battery Life | Support over 8 hours operating on one charge or over 20 hours standby | |
| Operating Temperature | -10° to 50° C | |
| Storage Temperature | -20° to 60° C | |
| Relative Humidity | 0 to 95% (non-condensing) | |
| Weight | 1.9 lbs. (0.87 kg) | |
| Dimensions | 7.7" H x 3.9" W x 2.4" L (196mm x 100mm x 64mm) | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|--------------------------|---------|---|
| 920XC-20M PC FC | 25688 | Handheld OTDR, 850/1300 nm, FC/PC |
| 920XC-20M PC SC | 25689 | Handheld OTDR, 850/1300 nm, SC/PC |
| 920XC-20M PC ST | 25690 | Handheld OTDR, 850/1300 nm, ST/PC |
| A 946 | 60571 | Cleaning Wand 10/PK |
| A 948 | 60692 | REEL Cleener CONN Cleaner (948) |
| A 20988 | 20988 | Soft Carrying Case |
| R 20989 | 20989 | USB Cable for OTDR |
| R 20990 | 20990 | RS-232 Cable |
| A AC-CONN-FC-L2 | 20996 | FC Connector (for UPC & APC) |
| A AC-CONN-ST-L2 | 20997 | ST Connector (for UPC only) |
| A AC-CONN-SC-L2 | 20998 | SC Connector (for UPC & APC) |
| A AC-ADPT-20-UNIV | 25691 | Power Supply Universal |
| R 920XC-QR | 25692 | Quick Reference Guide - UN |
| R 20999 | 20999 | NiMH Battery (9.6V) |
| A 1155-0526 | 10582 | Car Adapter |
| 920XC-SM-MM | 26307 | OTDR Kit - Single and Multimode OTDR Kit. |

920xc Handheld Singlemode OTDR



- Up to 38 db dynamic range.
- Large backlight LCD display.
- Measure length and defects of coiled fiber.
- Fiber analysis software for data management and report generation.
- 1625 nm operation for live fiber testing.
- RS-232/USB interface.

| CAT. NO. | UPC NO. | DESCRIPTION |
|-------------------|---------|---|
| 920XC-20C UPC SC | 89882 | Handheld OTDR, 1310/1550 nm, SC/UPC |
| 920XC-20C UPC FC | 89872 | Handheld OTDR, 1310/1550 nm, FC/UPC |
| 920XC-20C UPC ST | 89877 | Handheld OTDR, 1310/1550 nm, ST/UPC |
| 920XC-20C APC SC | 89892 | Handheld OTDR, 1310/1550 nm, SC/APC |
| 920XC-20C APC FC | 89887 | Handheld OTDR, 1310/1550 nm, FC/APC |
| 920XC-30P UPC SC | 19237 | Handheld OTDR, 1310/1490/1550 nm, SC/UPC |
| 920XC-30P UPC FC | 19238 | Handheld OTDR, 1310/1490/1550 nm, FC/UPC |
| 920XC-30P UPC ST | 19239 | Handheld OTDR, 1310/1490/1550 nm, ST/UPC |
| 920XC-30P APC SC | 19240 | Handheld OTDR, 1310/1490/1550 nm, SC/APC |
| 920XC-30P APC FC | 19252 | Handheld OTDR, 1310/1490/1550 nm, FC/APC |
| 920XC-30F UPC SC | 19247 | Handheld OTDR, 1310/1550/1625 nm, SC/UPC |
| 920XC-30F UPC FC | 19248 | Handheld OTDR, 1310/1550/1625 nm, FC/UPC |
| 920XC-30F UPC ST | 19251 | Handheld OTDR, 1310/1550/1625 nm, ST/UPC |
| 920XC-30F APC SC | 19249 | Handheld OTDR, 1310/1550/1625 nm, SC/APC |
| 920XC-30F APC FC | 19250 | Handheld OTDR, 1310/1550/1625 nm, FC/APC |
| A 946 | 60571 | Cleaning Wand 10/PK |
| A 948 | 60692 | REEL Cleener CONN Cleaner (948) |
| A 20988 | 20988 | Soft Carrying Case |
| R 20989 | 20989 | USB Cable for OTDR |
| R 20990 | 20990 | RS-232 Cable |
| A AC-CONN-FC-L2 | 20996 | FC Connector (for UPC & APC) |
| A AC-CONN-ST-L2 | 20997 | ST Connector (for UPC only) |
| A AC-CONN-SC-L2 | 20998 | SC Connector (for UPC & APC) |
| A AC-ADPT-20-UNIV | 25691 | Power Supply Universal |
| R 920XC-QR | 25692 | Quick Reference Guide - UN |
| R 20999 | 20999 | NiMH Battery (9.6V) |
| A 1155-0526 | 10582 | Car Adapter |
| 920XC-SM-MM | 26307 | OTDR Kit - Single and Multimode OTDR Kit. |

SINGLEMODE SPECIFICATIONS

| Fiber Type | 920XC-20C | 920XC-30F | 920XC-30P |
|--------------------------------|---|----------------|----------------|
| Wavelength (± 20nm) | 1310/1550 | 1310/1550/1625 | 1310/1490/1550 |
| Dynamic Range (dB) | 35 | 38 | 38 |
| Event deadzone (m) | 2.5 | 1.5 | 2.5 |
| Attenuation Deadzone (m) | 14 | 10 | 14 |
| Emitter Type | Laser | | |
| Pulsewidth (ns) | 5, 10, 30, 100, 300, 1 us, 2.5 us, 10 us, 20 us | | |
| Selectable Ranges (km) | 0.3/1.3/2.5/5/10/20/40/80/120/160/240 | | |
| Average Time | 15s/30s/1 min/2 min/3 min | | |
| Distance measurement accuracy | ±(1m + 5 X 105 x distance + sampling space) | | |
| Connector Type | PC or APC (interchangeable FC, SC, ST) | | |
| Visual Fault Locator | | | |
| Wavelength | 650 nm | n/a | |
| Peak power output | 3 mw | n/a | |
| Connector interface | (interchangeable FC, SC, ST) | n/a | |
| Fiber Analysis Software | | | |
| Reflection detect accuracy | ±4 dB | | |
| Attenuation detect accuracy | ±0.05 dB/dB | | |
| Measurement data storage | 1,000 test curves | | |
| Data transmission | RS-232/USB port | | |
| General | | | |
| Power Supply | NiMH chargeable battery/AC adapter | | |
| Battery Life | Support over 8 hours operating on one charge or over 20 hours standby | | |
| Operating Temperature | -10° to 50° C | | |
| Storage Temperature | -20° to 60° C | | |
| Relative Humidity | 0 to 95% (non-condensing) | | |
| Weight | 1.9 lbs. (0.87 kg) | | |
| Dimensions | 7.7" H x 3.9" W x 2.4" L (196mm x 100mm x 64mm) | | |

Optical Fiber Monitors



OFM1020



OFM130

OFM1020

- mm Resolution.
- Zero Deadzone.
- 90dB Return loss dynamic range.
- 850/1300 nm operation.
- Measure optical components, cables and sensors.
- Monitor bend loss and fiber stress.
- Universal optical interface.
- Ruggedized for field deployment.
- AC/DC operation.
- Custom configurations available (fiber, outputs, wavelengths).

OFM130

- mm Resolution.
- Zero Deadzone.
- 85dB Return loss dynamic range.
- 1310/1490/1550/1625 nm operation.
- Measure optical components, cables and sensors.
- Analyze optical amplifiers.
- Monitor bend loss and fiber stress.
- Custom configurations available (fiber, outputs, wavelengths).

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
|----------|---------|-------------|

Please consult with a customer service representative for ordering details.






















SPECIFICATIONS

| Fiber Type | OFM1020 | OFM130 |
|---------------------------------|---|---|
| Distance | | |
| Range | 0-20 km (65,000 ft.) | |
| Accuracy | 0.02% + 2.5cm (1") | |
| Single Point Resolution | 5 mm (0.2") | |
| Two Point Resolution | 10 cm (4") | |
| Deadzone | | |
| Event | 12 cm typical (5") | |
| Attenuation | 38 cm typical (15") | |
| Return Loss | | |
| Dynamic Range | 90dB | |
| Accuracy | ±1.0dB | |
| Insertion loss, fresnel | | |
| Dynamic Range | 40dB | |
| Accuracy | ±0.3dB | |
| Insertion loss, rayleigh | | |
| Dynamic Range | 20dB | |
| Accuracy | ±0.02 dB | |
| Wavelength | | |
| Accuracy | 40 nm | |
| Spectral Width | 20 nm | |
| Mechanical | | |
| Size | 36 cm x 48 cm x 20 cm (14.2"x18.9"x7.9") | 35 cm x 39 cm x 20 cm (13.8"x15.3"x7.9") |
| Weight | 11 kg (24 lb.) | 9.5 kg (21 lb.) |
| Power | | |
| AC | 110/220V, 60/400Hz | |
| DC | 24V | n/a |

Fiber Optic Instrument Adapters – SOC and UCI

- Our SOC and UCI adapters provide direct connectivity for Tempo fiberTOOLS® to a wide range of industry-standard fiber optic connectors.
- Adapter design ensures maximum accuracy and repeatability when performing critical measurements on fiber optic systems.
- Easy to clean and use.
- Single-mode and multimode compatible.
- SOC adapters are compatible with both PC and Angled APC physical contact interfaces.
- UCI adapters feature durable phosphor bronze alignment sleeve.
- SOC (Snap-On Connector) adapter is used on all power meters and 250 “B” series LED Sources.
- UCI (Universal Connector Interface) adapter is used on all 250/260 “A” Series Sources and 330 Series Variable Optical Attenuators.

Fiber Optic Instrument Adapters – SOC and UCI

| CONNECTOR TYPE DESCRIPTION | SOC ADAPTER | | UCI ADAPTER | | |
|--|---|---------|-------------|---|---------------|
| | CAT. NO. | UPC NO. | | CAT. NO. | UPC NO. |
| 1.25 mm Quick-Connect Universal Adapter (LC, MU, etc.) |  | T1026 | 60588 | Use Hybrid Cable Only * | |
| 2.5 mm SOC Quick-Connect Adapter (E2000, FC, SC, ST, etc.) |  | T1025 | 60587 |  | AU-250 60703 |
| E-2000 |  | T10E2 | 60599 |  | AE2-10 60698 |
| FC |  | T1020 | 60576 |  | APC-108 60572 |
| HMS-10/HP |  | T1040 | 60590 |  | AHP-10 60699 |
| LC |  | T10LC | 60600 | Use Hybrid Cable * or FoPro®.x | |
| MIL-T-29504/4 & /5 Termini |  | T1038 | 60589 | Use Hybrid Cable * or FoPro®.x | |
| MT-RJ |  | T13A2 | 60605/Æ | Use Hybrid Cable Only * | |
| SC |  | 1062 | 60575 |  | ASC-108 60574 |
| SMA 905/906 |  | T1087 | 60596 |  | ASM-90 60702 |
| ST |  | T1030 | 60577 |  | ATS-108 60573 |
| TOSLINK – Simplex |  | T10TB | 60602 | Use Hybrid Cable Only * | |
| TOSLINK – Duplex (Set of 2) |  | T10TD | 60603 | Use Hybrid Cable Only * | |
| Versatile Link – V/Z PIN |  | T10ZP | 60604 | Use Hybrid Cable Only * | |

* FoPro ferrule options include 2.5 mm, 1.57 mm (MIL-style 16AWG optical contacts) and 1.25 mm.

* When using a Hybrid Adapter Cable, the instrument UCI adapter and one end of the Hybrid Adapter Cable should be a commonly available connector type. (i.e. FC, SC or ST)



90SOC (60687)
SOC adapter tool for easy installation and removal of SOC adapters from instrument interfaces. (Product shown may vary)

FIBER OPTIC KITS

Fiber Optic Termination Kit



- Contains all of the tools and consumable materials necessary for epoxy and polish connector terminations.
- Durable Cordura® Plus carrying case protects and organizes tools and includes see-through pouches for storing connectors.
- Outside pockets provide convenient storage of instruction manuals or worksite documents.

| CAT. NO. | UPC NO. | DESCRIPTION |
|--|---------|---|
| 45658 | 45658 | Fiber Optic Termination Kit |
| KIT CONTENTS MAY BE PURCHASED SEPARATELY: | | |
| 45586 | 45586 | Fiber Optic Kevlar® Shears |
| 1955A | 06857 | Pro-Plus Wire Stripper, 10-18 AWG |
| 45637 | 45637 | Kwik Cycle® 8" Crimp Frame with 0.151", 0.178", 0.213" Hex Cavities |
| 45651 | 45651 | Fiber Optic Inspection Microscope |
| 45639 | 45639 | Carrying Case |

KIT INCLUDES THE FOLLOWING CONSUMABLE ITEMS WHICH ARE NOT SOLD SEPARATELY:

| | |
|---------------------------------------|-----------------------------------|
| 50 Sheets Polishing Paper, 0.3 micron | 100 Lint-free Wipes |
| 50 Sheets Polishing Paper, 1 micron | 10 Alcohol Wipes |
| 50 Sheets Polishing Paper, 5 micron | 1 Alcohol Bottle |
| 10 ml (0.34 oz.) Opticure Adhesive | 1 Water Bottle |
| 26 ml (0.9 oz.) Opticure Primer | 1 Fiber Debris Disposal Container |
| 1 Pair Safety Glasses | 10 Syringes |
| 1 Plastic Utility Box | 10 Needle Tips |
| 1 Felt-tipped Marker | |

Ultimate Fiber Tool Kit



This Ultimate Kit contains all the slitters, strippers, and Kevlar® cutters you will need to start your fiber optic terminations. Also included is the premium 1600 Series Crimper with 3 interchangeable dies. The Ultimate Tool Bag has plenty of room for you to add your consumables.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|-------------------------|----------|
| PA4924 | Ultimate Fiber Tool Kit | 5.65 lbs |

ULTIMATE FIBER TOOL KIT INCLUDES

| | | |
|----------|----------|-------------------------------------|
| R | PA1511 | Kevlar® Cutter |
| R | PA1171 | ProGrip 5-in-1 Fiber Optic Stripper |
| R | PA1162 | Economy Fiber Optic Stripper |
| R | PA1161 | Adjustable Jacket Stripper |
| R | PA1820 | AM 25 Slitter |
| R | PA1821 | AM 35 Slitter |
| R | PA1258 | LC CST-mini Stripper |
| R | PA1600 | 1600 Series Crimp Frame |
| R | PA2044 | STII Type Die Set |
| R | PA2664 | SMA/SMB/FC/BICONIC Die Set |
| R | PA2668 | SC & ST Die Set |
| R | PA1922-1 | Fiber Optic Scribe |
| R | PA1920-1 | SC/ST/FC Polishing Puck |
| R | PA1926-1 | LC Polishing Puck |
| | N/A | Plano® Tackle Box |
| R | PA4923 | Ultimate Tool Bag |








FiberReady Tool Kit



This kit contains an assortment of cable slitters, strippers and Kevlar® cutters to prep fiber optic cable along with our 1600 Series premium crimpers with interchangeable dies.

| CAT. NO. | DESCRIPTION | WEIGHT |
|----------|---------------------|---------|
| PA906001 | FiberReady Tool Kit | 3.1 lbs |

FIBERREADY TOOL KIT INCLUDES

| | | |
|---|--------|--------------------------------------|
|  | PA1511 | Kevlar® Cutter |
|  | PA1171 | ProGrip 5-in-1 Fiber Optic Stripper |
|  | PA1822 | Universal Cable Stripper |
|  | PA1600 | 1600 Series Crimp Frame |
|  | PA2044 | STII Type Die Set |
|  | PA2664 | SMA/SMB/FC/BICONIC Die Set |
|  | PA2668 | SC & ST Die Set |
| | N/A | Zippered Portfolio Case with Handles |

Kevlar is a registered trademark of E.I. DuPont, Inc.



TESTING & MEASUREMENT

SAFE. ACCURATE. RELIABLE. EXPECT NOTHING BUT THE BEST FROM GREENLEE ELECTRIC TEST AND MEASUREMENT EQUIPMENT. BACKED BY A LIMITED LIFETIME WARRANTY AND DESIGNED TO WITHSTAND RIGOROUS TASKS AND HARSH ELEMENTS, GREENLEE TEST AND MEASUREMENT TOOLS GET THE JOB DONE FASTER, SAFER, AND EASIER.

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Meeting today's stringent safety standards is essential.

Greenlee's certification of selected instruments to both the most recent IEC and UL requirements brings you assurance of the highest level of protection currently available.

What you should know about Measurement Category ratings.

IEC Category standards specify protection levels that are far above a system's rated capacity. Without this additional protection, transient overvoltages, which are becoming increasingly common, can lead to serious injury or death.

Measurement Category I is the signal level for telecommunications and electronic equipment or other circuits that are not directly connected to the utility mains.

Measurement Category II is the local level for fixed or nonfixed powered devices – everything from lighting to appliances to office equipment such as copiers. May also be used in Category I areas.

Measurement Category III is the distribution level – fixed primary feeders or branch circuits. These circuits are usually separated from Category IV (whether utility service or other high-voltage source) by a minimum of one level of transformer isolation. May also be used in Category II and Category I areas.

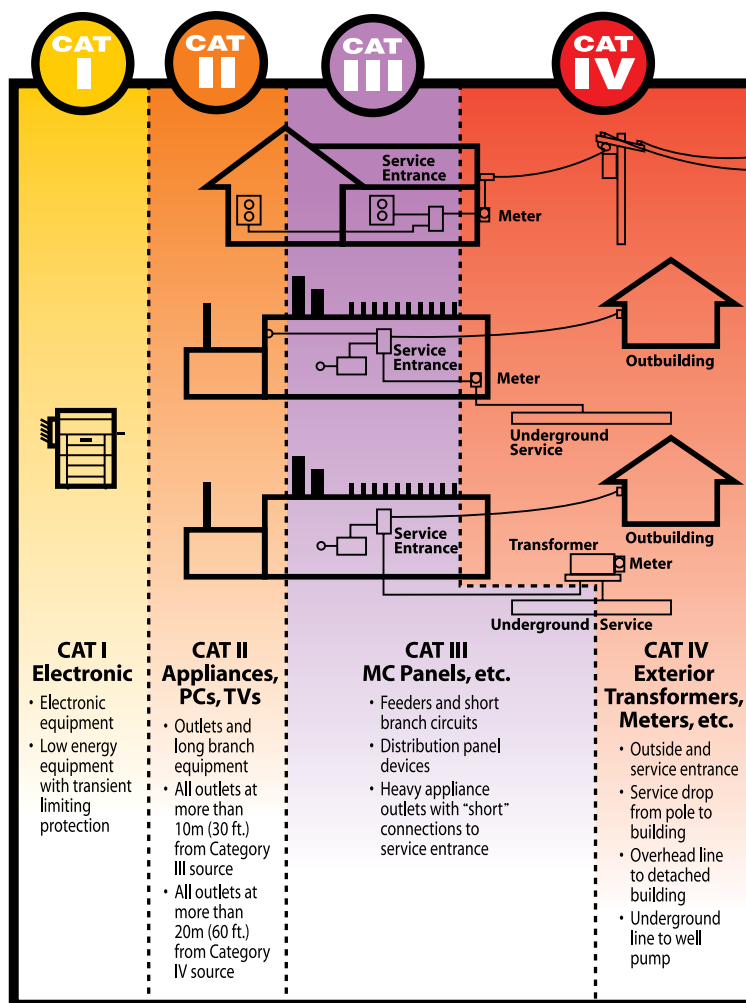
Measurement Category IV is the primary supply level. Greenlee is leading the way in offering protection certified to conform with the highest level of protection as specified by UL & IEC standards. May be used in all Category environments.

Greenlee Instruments – Independently tested and certified to meet the standards.

Throughout this catalog, you'll see Category designations for many Greenlee instruments indicating that they comply with UL & IEC Category II, III, IV. All of these designations reflect third-party testing by independent testing organizations such as UL and ETL – added assurance for you. While there is no requirement for independent verification, we believe you deserve it.

Get the right protection for the job.

Wherever you need overvoltage protection, choose at least the rating appropriate to the type of work you expect to be doing. If you have any questions on using Greenlee test instruments to help ensure user safety, please contact Greenlee.



ELECTRICAL TESTERS

Electrical Testers Comparison Guide

| FEATURE | GT-95 | GT-65 | GT-540 | GT-220 | CSJ-100 | CMT-90 | CMT-80 | 2010 | GT-16 | GT-12 |
|-------------------------------|------------------------|------------------------|-----------|-----------|------------------------|------------------------|-----------|------------|-----------|-----------|
| VDC (V max) | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 600 | | | |
| VAC (V max) | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 600 | 1000 | 1000 | 1000 |
| AAC (A max) | | | | | 200 | 600 | 400 | | | |
| Continuity and beeper | • | • | • | • | • | • | • | | | |
| Resistance | | | • | • | • | • | • | | | |
| Data hold | | | • | • | • | • | • | | | |
| GFCI test | • | | | | | | | | | |
| Non-contact voltage detection | • | • | • | • | • | | | • | • | • |
| Adjustable sensitivity | | | | | | | | • | • | |
| Display type | Digital/LED | LED | Digital | Digital | Digital | Digital | Digital | LED | LED | LED |
| Measurement Category | IV, 600V III, 1000V | IV, 600V III, 1000V | IV, 1000V | IV, 1000V | IV, 600V III, 1000V | IV, 600V III, 1000V | III, 600V | III, 1000V | IV, 1000V | IV, 1000V |
| UL/cUL | • | • | • | • | • | • | • | • | • | • |
| CE | • | • | • | • | • | • | • | • | • | • |

GT-95 Voltage Tester



- AC/DC voltage and polarity measurement.
- LCD and dual color LEDs for convenience.
- Selectable SHAKER feature when measuring AC voltage.
- Overvoltage warning gives user visual notification that voltage levels have exceeded 1000V AC/ 380V DC.
- Auto-hold automatically activates when tester is removed from voltage reading.
- Continuity test and single probe detection of live conductors for added flexibility.
- Safe, non-contact voltage detection.
- GFCI test capability eliminates the need for additional testers.
- Visual and audible continuity.
- Accessories included: (2) 1.5V AAA batteries, test leads and carrying case
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|--------------------------------|-------------------------------|
| Voltage Detection | 19 to 1000V AC, 5 to 1000V DC |
| Continuity Verification | 0 to 50 kΩ |
| Frequency | DC, 45-65 Hz |
| GFCI | 7.5 mA nominal at 120V AC |
| Measurement Category | CAT IV, 600V; CAT III, 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------|
| GT-95 | 09027 | Voltage Tester, LCD & GFCI |
| TSG-3 | 12034 | Sure-Grip Test Leads |
| TC-5 | 07588 | Carrying Case |



GT-65 Voltage Tester



- AC/DC voltage and polarity measurement.
- Continuity test and single probe detection of live conductors for added flexibility.
- Overvoltage warning gives user visual notification that voltage levels have exceeded 1000V AC/ 380V DC.
- Safe, non-contact voltage detection.
- Auto-hold automatically activates when tester is removed from voltage reading.
- Visual and audible continuity.
- Accessories included: (2) 1.5V AAA batteries and test leads
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|--------------------------------|-------------------------------|
| Voltage Detection | 19 to 1000V AC, 5 to 1000V DC |
| Continuity Verification | 0 to 50 kΩ |
| Frequency | DC, 45-65 Hz |
| Measurement Category | CAT IV, 600V; CAT III, 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| GT-65 | 09025 | Voltage Tester |
| TSG-3 | 12034 | Sure-Grip Test Leads |



Electrical Tester



GT-220 features:

- Hassle-free, automatic measurement of voltage and resistance.
- Low impedance eliminates stray or “ghost” voltage readings.
- AC/DC voltage measurements.
- Autoranging for quick, convenient measurements.
- Non-contact voltage detection for identifying live lines without contacting conductors.
- Auto off for longer battery life.
- Low battery indicator.
- Resistance measurement.
- Audible continuity test.
- Data hold to capture measurements.
- U.S. Patent D491,084.
- Accessories included: (1) 9V battery, test leads and carrying case.
- Lifetime Limited Warranty.

GT-540 also features:

- High impedance AC/DC voltage measurement capability for load-sensitive circuits.
- Capacitance measurement.
- Diode test.
- Low resistance range with fast continuity test.
- Enhanced accuracy.
- Auto and manual range selection.

SPECIFICATIONS

| | |
|-------------------------------|---|
| Voltage Measurement | 6.000, 60.00, 600.0, 1000V |
| Resistance Measurement | 6.000, 60.00, 600.0kΩ; 6.000 MΩ |
| Capacitance | 100.0, 1000.0 nF; 10.00, 100.0, 2000 μF |
| Display | 6000-count LCD |
| Measurement Category | CAT IV, 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------------|
| GT-540 | 07749 | Multifunction Electrical Tester |
| GT-220 | 07748 | Electrical Tester |
| TSG-3 | 12034 | Sure-Grip Test Leads |
| TC-40 | 19216 | Carrying Case |



GT-540

AC Open Jaw Clamp Meter



- AC amperage, AC/DC voltage measurement.
- Open jaw design eases AC current measurement.
- Slim profile with build-in probe storage on back.
- Measures resistance up to 20MΩ.
- Audible continuity and diode test.
- Bright LED and audible alarm for non-contact voltage detection.
- Auto power off for longer battery life.
- Data hold to capture measurements.
- 2000 count LCD.
- Accessories included: (2) 1.5V AAA batteries, test leads and carrying case.
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|----------------------------------|---|
| Amperage Measurement | 200.0 AC |
| Voltage Measurement Range | 200.0, 1000V |
| Resistance Measurement | 200.0Ω; 2.000, 20.00, 200.0 kΩ; 2.000, 20.00 MΩ |
| Display | 2000-count LCD |
| Jaw Opening | 0.63" (16mm) |
| Measurement Category | CAT IV 600V, CAT III 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------|
| CSJ-100 | 87136 | Clamp, Open Jaw |
| 11372 | 11372 | Test Leads |
| TC-5 | 07588 | Carrying Case |



Automatic Electrical Tester



- Hassle-free, automatic measurement of amperage, voltage and resistance.
- Low impedance eliminates stray or “ghost” voltage readings.
- True RMS for the most accurate measurement when harmonics are present.
- High resolution, auto-illuminating LCD backlit display.
- Auto off for longer battery life.
- Resistance measurement.
- Audible continuity test.
- Diode test
- Data hold to capture measurements.
- Accessories included: (1) 9 V battery, test leads and carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|--|
| Amperage Measurement | AC A 0.9 to 600.0 |
| Voltage Measurement | AC V: 1.3 to 999.9; DC V: 2.1 to 999.9; -0.7 to -999.9 |
| Resistance | 999Ω; 9.999kΩ |
| Display | 10,000-count LCD |
| Jaw Opening | 1.34" (34 mm) |
| Measurement Category | CAT IV, 600 V; CAT III, 1000 V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--------------------------------|
| CMT-90 | 12123 | Electrical Tester, 1000V, 600A |
| R 00606 | 00606 | Test Leads |
| R TC-10 | 07534 | Carrying case |

Automatic Electrical Tester



- Hassle-free, automatic measurement of amperage, voltage, and resistance.
- Low impedance eliminates stray or “ghost” voltage readings.
- Compact design for measuring in tight spaces.
- Resistance measurement
- Audible continuity test
- Diode test
- Data hold to capture important readings.
- Auto off for longer battery life.
- Accessories included: (1) 9 V battery, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|--|
| Amperage Measurement | 0.9 - 400.0A AC |
| Voltage Measurement | AC V: 1.3-600.0V; DC V: 2.1-600.0; -0.7 to -600.0V |
| Resistance | 999Ω; 9.999kΩ |
| Display | 10,000-count LCD |
| Jaw Opening | 1.06" (27 mm) |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-------------------|
| CMT-80 | 07735 | Electrical Tester |
| R 11372 | 11372 | Test Leads |
| R TC-5 | 07588 | Carrying case |

Touchless AC Voltage Indicator



- Bright LED and audible alarm if voltage is present.
- Fast, easy, non-contact voltage detection.
- Adjustable sensitivity.
- Identifies hot and neutral conductors.
- Checks individual breakers for power.
- Accessories included: (1) 9V battery.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|----------------|
| Voltage Measurement | AC V 24-1000 |
| Frequency | 50-500Hz |
| Measurement Category | CAT III, 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------------|
| 2010 | 34470 | Touchless AC Voltage Indicator |

Adjustable Non-Contact Voltage Detector



- Adjustable to safely detect power and low voltage.
- Safely detects AC voltage without touching the bare conductor.
- Adjustable for use on power wiring plus lighting, thermostats and other low voltage circuits.
- Use to detect voltage in outlets, lighting fixtures, wires and cables.
- Finds breaks in wires.
- Identifies hot and neutral conductors.
- Low battery indication.
- Accessories included: (1) 1.5V AAA battery.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|------------------------------|---------------|
| Voltage Detection: | AC V 5-1000 |
| Frequency: | 50-500Hz |
| Measurement Category: | CAT IV, 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| GT-16 | 12727 | Adjustable Non-Contact Voltage Detector |

Non-Contact Self Testing Voltage Detector



- Design and assembled in USA.
- Patented Automatic self-test verifies the integrity of the unit.
- Bright LEDs and audible alarm sound if voltage is present.
- Silent-mode feature for use in quiet settings.
- Safe, non-contact voltage detection.
- Use to detect voltage in outlets, lighting fixtures, circuit breakers, wires, and cables or to find a break in a wire.
- Automatically turns off after five minutes of non-use to conserve battery life.
- Low battery indicator.
- (2) 1.5V AAA batteries included.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|------------------------------|---------------|
| Voltage Detection: | AC V 50-1000 |
| Frequency: | 50-500Hz |
| Measurement Category: | CAT IV, 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| GT-12 | 20947 | Non-Contact Self-Testing Voltage Detector |

MULTIMETERS

DMM Comparison Guide

| FEATURE | DM-860A | DML-430A | DM-830A | DM-820A | DM-810A | DM-510A | DM-210A | DM-200A |
|--|-------------------|--------------|--------------|--------------|--------------|---------------------------------|---------------------------------|---------------------------------|
| True RMS | AC+DC | AC+DC | AC+DC | • | • | • | | |
| DCA (A max) | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 |
| Maximum resolution (µA) | 0.01 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Best accuracy (%) | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 | 0.5 |
| ACA (A max) | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 |
| Maximum resolution (µA) | 0.01 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Best accuracy (%) | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 1.0 | 1.0 | 1.0 |
| DCV (V max) | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Maximum resolution (µV) | 1 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Best accuracy (%) | 0.02 | 0.06 | 0.06 | 0.06 | 0.06 | 0.2 | 0.2 | 0.2 |
| ACV (V max) | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Maximum resolution (µV) | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Best accuracy (%) | 0.3 | 0.5 | 0.5 | 0.5 | 0.5 | 1.0 | 1.0 | 1.0 |
| Resistance (MΩ) | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Maximum resolution (mΩ) | 10 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Best accuracy (%) | 0.07 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 0.5 | 0.5 |
| Conductance | • | • | • | • | | | | |
| Continuity and beeper | • | • | • | • | • | • | • | • |
| Diode Test | • | • | • | • | • | • | • | • |
| Capacitance | • | • | • | • | • | • | • | • |
| Frequency | • | • | • | • | • | • | • | • |
| Frequency Response (Hz) | 20-100k | 40-500 | 40-500 | 40-500 | 40-500 | 50-400 | 50-400 | 50-400 |
| Temperature Measurement | Dual | Dual | Dual | Single | | Single | Single | |
| Display Type | Dual Digital | Dual Digital | Dual Digital | Dual Digital | Dual Digital | Digital | Digital | Digital |
| Display counts | 50,000 500,000 | 10,000 | 10,000 | 10,000 | 10,000 | 6,000 | 6,000 | 6,000 |
| Backlight | • | • | • | • | • | • | • | • |
| Display update X/sec | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Analog bar graph segments | 41 | 41 | 41 | 41 | 41 | 24 | 24 | 24 |
| Analog update X/sec | 60 | 60 | 60 | 60 | 60 | 40 | 40 | 40 |
| Computer Interface | USB | USB | USB | USB | USB | USB, RS-232 | USB, RS-232 | USB, RS-232 |
| Auto and manual ranging | • | • | • | • | • | • | • | • |
| Intelligent Auto Power Off | • | • | • | • | • | | | |
| Auto Power Off | | | | | | • | • | • |
| Non-Contact Voltage Detection | | | • | • | | • | • | • |
| Low Impedance AutoCheck™ mode | | • | • | | | • | | |
| Beep-Jack™ Input error warning | • | • | • | • | • | • | • | • |
| Peak (crest) Hold - Max, Min | • | • | • | • | • | • | | |
| Data Hold | • | • | • | • | • | • | • | • |
| Max/Min/Avg | • | max, min | • | • | | max, min | | |
| Relative offset mode (Δ) | • | • | • | • | • | • | • | • |
| Process loop measurement | | | | | | | | |
| Data logging (points stored, single channel) | | 87,000 | | | | | | |
| Data logging (points stored, dual channel) | | 43,000 | | | | | | |
| Duty cycle | • | • | • | • | • | | | |
| VFD (Variable Frequency Drive) ACV & Hz | • | | | | | | | |
| Measurement Category Rating | IV, 1000 | IV, 1000 | IV, 1000 | IV, 1000 | IV, 1000 | IV, 300 III, 600 II, 1000 | IV, 300 III, 600 II, 1000 | IV, 300 III, 600 II, 1000 |
| UL or ETL | • | • | • | • | • | • | • | • |
| cUL, cETL or CSA | • | • | • | • | • | • | • | • |
| CE | • | • | • | • | • | • | • | • |

DMM Comparison Guide

| FEATURE | DM-350 | DM-330 | DM-310 | DM-300 | DM-65 | DM-45 | DM-25 | PDMM-20 | AM-6 |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|-----------|-----------|-----------------------|----------|
| True RMS | • | • | | • | | | | | |
| DCA (A max) | 10 | 10 | 10 | | 10 | 10 | | | 500mA |
| Maximum resolution (µA) | 0.1 | 1000 | 1000 | | 0.1 | 0.1 | | | |
| Best accuracy (%) | 0.9 | 0.9 | 0.9 | | 1.0 | 1.0 | | | |
| ACA (A max) | 10 | 10 | 10 | | 10 | 10 | | | |
| Maximum resolution (µA) | 0.1 | 1000 | 1000 | | 0.1 | 0.1 | | | |
| Best accuracy (%) | 1.2 | 1.2 | 1.2 | | 1.8 | 1.8 | | | |
| DCV (V max) | 1000 | 1000 | 1000 | 1000 | 1000 | 600 | 600 | 450 | 300 |
| Maximum resolution (µV) | 100 | 100 | 100 | 100 | 100 | 100 | 10 mV | 1000 | |
| Best accuracy (%) | 0.5 | 0.5 | 0.5 | 0.5 | 0.8 | 0.8 | 0.8 | 0.5 | |
| ACV (V max) | 1000 | 1000 | 1000 | 1000 | 1000 | 600 | 600 | 450 | 300 |
| Maximum resolution (µV) | 100 | 100 | 100 | 100 | 1000 | 1000 | 0.1V | 1000 | |
| Best accuracy (%) | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.8 | 1.2 | 1.5 | |
| Resistance (MΩ) | 60 | 60 | 60 | 60 | 60 | 40 | 2 | 6 | 1 |
| Maximum resolution (mΩ) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1000 | |
| Best accuracy (%) | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | |
| Conductivity | | | | | | | | | |
| Continuity and beeper | • | • | • | • | • | • | • | • | |
| Diode test | • | • | • | • | • | • | • | | |
| Capacitance | • | • | • | | • | • | | • | |
| Frequency | • | • | • | • | • | • | | • | |
| Frequency response (Hz) | 50-500 | 50-500 | 50-500 | 50-500 | 40-400 | 40-400 | 40-400 | 50-60 | |
| Temperature measurement | | | | | Single | Single | | | |
| Display type | Digital | Digital | Digital | Digital | Digital | Digital | Digital | Digital | Analog |
| Display counts | 6000 | 6000 | 6000 | 6000 | 6000 | 4000 | 2000 | 6000 | |
| Backlight | • | | | | • | • | | | |
| Display update X/sec | 5 | 5 | 5 | 5 | 3 | 3 | 2.5 | 5 | |
| Analog bar graph segments | | | | | 61 | | | | |
| Analog update X/sec | | | | | 3 | | | | |
| Computer interface | | | | | | | | | |
| Auto and manual ranging | • | • | • | • | • | • | | | |
| Intelligent Auto power off | • | • | • | • | | | | • | |
| Auto power off | | | | | • | • | | | |
| Non-contact voltage detection | • | • | • | • | | | | • | |
| Low Impedance AutoCheck™ mode | | | | | | | | • | |
| Beep-Jack™ Input error warning | • | • | • | | | | | | |
| Peak (crest) Hold - Max, Min | | | | | | | | | |
| Data hold | • | • | • | • | • | • | | | |
| Min/Max/Avg | max, min | max, min | max, min | max, min | | | | | |
| Relative offset mode (Δ) | | | | | • | • | | | |
| Process loop measurement | | | | | | | | | |
| Data logging (points stored, single channel) | | | | | | | | | |
| Data logging (points stored, dual channel) | | | | | | | | | |
| Duty cycle | | | | | • | • | | | |
| VFD (variable frequency drive) ACV & Hz | | | | | | | | | |
| Measurement Category Rating | IV, 600V III, 1000V | IV, 600V III, 1000V | IV, 600V III, 1000V | IV, 600V III, 1000V | IV, 600V III, 1000V | III, 600V | III, 600V | III, 300V II, 450V | II, 300V |
| UL or ETL | • | • | • | • | • | • | • | • | • |
| cUL, cETL or CSA | • | • | • | • | • | • | • | • | • |
| CE | • | • | • | • | • | • | • | • | |

ESM™ Industrial 500,000-Count Digital Multimeter



SPECIFICATIONS

| | |
|-------------------------------|--|
| Voltage Measurement | 500.00mV; 5.0000, 50.000, 500.00, 1000.0V |
| DC Voltage Measurement | 500,000 counts mode: 500.00mV; 5.00000, 50.0000, 500.000, 1000.00V |
| Amperage Measurement | 500.00, 5000.0µA; 50.000, 500.00mA; 5.0000, 10.000A |
| Resistance | 500.00Ω; 5.0000, 50.000, 500.00kΩ; 5.0000, 50.000MΩ |
| Conductance | 99.99 nS |
| Capacitance | 50.00; 500.0nF; 5.000, 50.00, 500.0µF; 5.000, 25.00 mF |
| Frequency | 5Hz-200kHz sine wave; 5Hz-2MHz logic level square wave |
| Temperature | K type, -58°F to 1832°F (-50°C to 1000°C) |
| Measurement Category | CAT IV, 1000V |

- AC+DC True RMS, 50,000-count display for greater accuracy. 500,000 count available in DC voltage mode.
- VFD (variable frequency drive) voltage and frequency functions for accurate readings on noisy drive waveforms.
- Beep-Jack™ audible and visual input alert helps avoid blown fuses or damage to meter.
- 41-segment analog bar graph makes it easy to view quick changes.
- Record max, min, avg., and max-min and data hold.
- Crest capture (peak hold) max and min readings.
- Relative offset display mode makes monitoring relative measurement changes simple.
- Performs resistance, conductance, frequency, duty cycle, temperature and capacitance measurements, plus diode and continuity tests.
- Dual temperature measurement up to 1832°F/1000°C using type K thermocouples.
- Bright backlit display is easy to read under any light condition.
- Intelligent Auto Power Off conserves battery life but will not turn meter off during measurements.
- Wide AC bandwidth – to 100 kHz for voltage and 20 kHz for current.
- USB Interface using optional DMSC-9U cable and software allows connection to a PC for extended measurement capability.
- Accessories included: (1) 9V battery, bead temperature probe (400°F/ 204°C max.), test leads, protective boot, carrying case.
- Lifetime Limited Warranty.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
|----------|---------|-------------|

| | | | |
|----------|------------|-------|---|
| N | DM-860A | 12938 | Industrial 500,000-Count Digital Multimeter |
| N | DM-860A-C* | 02069 | Industrial 500,000-Count Digital Multimeter |
| R | TC-20 | 07535 | Carrying Case (included) |
| R | TSG-3 | 12034 | Sure-Grip Test Leads |
| R | TPB | 07592 | Bead Temperature Probe |
| A | DMSC-9U | 35773 | For DM-800A Series and DML-430A Multimeters |

* Includes Certificate of Calibration

ESM™ Digital Logging Meter



FEATURING:



SPECIFICATIONS

| | |
|-----------------------------|--|
| Voltage Measurement | 60.00, 600.0 mV; 9.999, 99.99, 999.9 V |
| Amperage Measurement | 600.0, 6000µA; 60.00, 600.0mA; 6.000, 10.00A |
| Resistance | 600.0Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ |
| Conductance | 99.99nS |
| Capacitance | 60.00, 600.0nF; 6.000, 60.00, 600.0µF; 6.000, 25.00 mF |
| Frequency | 15Hz-50kHz sine wave; 5Hz-1MHz logic level square wave |
| Temperature | K type, -58 to 1832 °F (-50 to 1000 °C) |
| Measurement Category | CAT IV, 1000V |

- Datalogging capability – stores 87,000 single-channel or 43,000 dual-channel measurements. Use optional USB interface DMSC-9U to transfer data to PC or for direct-to-PC logging.
- AC+DC True RMS gives accurate readings on complex waveforms
- Low impedance AutoCheck™ mode – automatically selects AC or DC volts, resistance or continuity. Low impedance masks “ghost” voltage pickup.
- Backlit LCD displays 2 readings with 10,000 count resolution
- BeepJack™ warns when test leads are incorrectly inserted in current measurement terminals
- Measures voltage, current, resistance, conductance, frequency and capacitance.
- Checks continuity and tests diodes
- Two temperature measurements using type K thermocouples
- Accessories included: (1) 9V battery, bead temperature probe (400°F / 204°C max.), test leads, protective boot, carrying case.
- Lifetime Limited Warranty.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
|----------|---------|-------------|

| | | | |
|----------|-------------|--------|--|
| R | DML-430A | 08746 | Digital Logging Meter (43,000 data points) |
| R | DML-430A-C* | 35771* | Digital Logging Meter (43,000 data points) |
| R | TC-20 | 07535 | Carrying Case (included) |
| R | TSG-3 | 12034 | Sure-Grip Test Leads |
| R | TPB | 07592 | Bead Temperature Probe |

* Includes Certificate of Calibration

ESM™ Series Digital Multimeters



FEATURING:



DM-830A



DM-820A



DM-810A

DM-810A features:

- True RMS for no-compromise accuracy
- Measures voltage, current, resistance, capacitance and frequency.
- Tests continuity and diodes.
- Backlit LCD with dual 10,000 count displays
- BeepJack™ warns when test leads are incorrectly inserted in current measurement terminals
- Automatic and manual range selection
- Relative offset mode to see changes in measurements
- Data hold
- Use optional USB interface DMSC-9U for direct-to-PC logging.
- Lifetime Limited Warranty

DM-820A also features:

- Crest capture (peak hold) plus recording of max, min, max-min and average
- Two voltage detection modes – non-contact or using a single test lead
- One temperature measurement using a type K thermocouple
- Conductance measurement

DM-830A has all DM-810A features plus:

- AC+DC True RMS gives accurate readings on complex waveforms
- Low impedance AutoCheck™ mode – automatically selects AC or DC volts, resistance or continuity. Low impedance masks “ghost” voltage pickup.
- dBm function with 20 selectable reference impedance values
- Crest capture (peak hold) plus recording of max, min, max-min and average
- Two voltage detection modes – non-contact or using a single test lead
- Two temperature measurements using type K thermocouples
- Conductance measurement

Accessories included:

- (1) 9V battery, bead temperature probe (DM-820A, DM-830A only, 400°F/204°C max), test leads, protective boot, carrying case.

SPECIFICATIONS

| | |
|-----------------------------|--|
| Voltage Measurement | 60.00, 600.0 mV; 9.999, 99.99, 999.9 V |
| Amperage Measurement | 600.0, 6000µA; 60.00, 600.0mA; 6.000, 10.00A |
| Resistance | 600.0Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ |
| Conductance | 99.99nS |
| Capacitance | 60.00, 600.0nF; 6.000, 60.00, 600.0µF; 6.000, 25.00 mF |
| Frequency | 15Hz-50kHz sine wave; 5Hz-1MHz logic level square wave |
| Temperature | K type, -58 to 1832 °F (-50 to 1000 °C) |
| Measurement Category | CAT IV, 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|---|
| DM-830A | 08745 | Digital Multimeter |
| DM-830A-C* | 35770* | Digital Multimeter |
| DM-820A | 08744 | Digital Multimeter |
| DM-820A-C* | 35760* | Digital Multimeter |
| DM-810A | 08743 | Digital Multimeter |
| DM-810A-C* | 35759* | Digital Multimeter |
| TC-20 | 07535 | Carrying Case |
| TSG-3 | 12034 | Sure-Grip Test Leads |
| TPB | 07592 | Bead Temperature Probe (included with DM-820A, DM-830A) |



* Includes Certificate of Calibration

ESM™ Series Digital Multimeters



DM-510A



DM-210A



DM-200A

DM-200A features:

- Measures voltage, current, resistance and frequency.
- Tests continuity and diodes.
- Backlit LCD with 6,000 count display
- Two voltage detection modes – non-contact or using a single test lead
- BeepJack™ warns when test leads are incorrectly inserted in current measurement terminals
- Automatic and manual range selection
- Relative offset mode to see changes in measurements
- Data hold
- Use optional USB / RS-232 interface DMSC-2U for direct-to-PC logging.
- Lifetime Limited Warranty

DM-210A also features:

- Measures capacitance
- Measures temperature using a type K thermocouple

DM-510A has all DM-200A features plus:

- True RMS for no-compromise accuracy
- Crest capture (peak hold) plus recording of max, min, max-min and average
- Low impedance AutoCheck™ mode – automatically selects AC or DC volts, resistance or continuity. Low impedance masks “ghost” voltage pickup.
- Measures capacitance
- Measures temperature using a type K thermocouple

Accessories included:

- (2) 1.5V AAA batteries, bead temperature probe (DM-210A, DM-510A only, 400°F/204°C max), test leads, protective boot.

SPECIFICATIONS

| | |
|-----------------------------|--|
| Voltage Measurement | 60.00, 600.0 mV; 6.000, 60.00, 600.0, 1000V |
| Amperage Measurement | 600.0, 6000µA; 60.00, 600.0mA; 6.000, 8.00A |
| Resistance | 600.0Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ |
| Capacitance | 60.00, 600.0nF; 6.000, 60.00, 600.0, 3000µF |
| Frequency | 10Hz-50kHz sine wave; 5Hz-999.9kHz logic level square wave |
| Temperature | K type, -58 to 1832 °F (-50 to 1000 °C) |
| Measurement Category | CAT IV 300V; CAT III 600V; CAT II 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|---------------------------------------|
| DM-510A | 08742 | Professional Plant Digital Multimeter |
| DM-510A-C* | 35758* | Professional Plant Digital Multimeter |
| DM-210A | 08741 | Digital Multimeter |
| DM-210A-C* | 35757* | Digital Multimeter |
| DM-200A | 08740 | Digital Multimeter |
| DM-200A-C* | 35756* | Digital Multimeter |
| TSG-3 | 12034 | Sure-Grip Test Leads |



* Includes Certificate of Calibration

TRMS Digital Multimeter



- True RMS for no-compromise accuracy when harmonics are present.
- Large LCD with backlight for easy viewing.
- AC/DC voltage, AC/DC amperage measurement.
- Non-contact voltage detection for identifying live lines without contacting conductors.
- Auto shut-off for longer battery life plus low battery indicator.
- Resistance measurement.
- Audible continuity and diode tests.
- Frequency measurement.
- Capacitance measurement.
- Data hold to capture measurement.
- 6000-count LCD for high resolution.
- Min/Max feature for added versatility.
- Audible input alert warns user if leads are in incorrect position.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-------------------------------|---|
| Amperage Measurement | 600.0, 2000 μ A; 6.000, 10.00 A |
| Voltage Measurement | 600.0 mV; 6.000, 60.00, 600.0, 1000V |
| Resistance Measurement | 600.0 Ω ; 6.000, 60.00, 600.0 k Ω ; 6.000, 60.00 M Ω |
| Frequency Measurement | 40 Hz minimum, 100 Hz to 60 kHz maximum, depending on function and range |
| Capacitance | 600.0 nF; 6.000, 60.00, 600.0, 2000 μ F |
| Display | 6000-count LCD |
| Measurement Category | CAT IV, 600V; CAT III, 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|-----------------------|
| DM-350 | 11871 | DMM, 1000V 10A RMS BL |
| DM-350-C* | 22897* | DMM, 1000V 10A RMS BL |
| TSG-3 | 12034 | Sure-Grip Test Leads |
| TC-40 | 19216 | Carrying Case |

* Includes Certificate of Calibration

TRMS Digital Multimeter



- True RMS for no-compromise accuracy when harmonics are present.
- Large LCD for easy viewing.
- AC/DC voltage, AC/DC amperage measurement.
- Non-contact voltage detection for identifying live lines without contacting conductors.
- Auto shut-off for longer battery life plus low battery indicator.
- Resistance measurement.
- Audible continuity and diode tests.
- Frequency measurement.
- Capacitance measurement.
- Data hold to capture measurement.
- 6000-count LCD for high resolution.
- Min/Max feature for added versatility.
- Audible input alert warns user if leads are in incorrect position.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-------------------------------|---|
| Amperage Measurement | 6.000, 10.00 A |
| Voltage Measurement | 600.0 mV; 6.000, 60.00, 600.0, 1000V |
| Resistance Measurement | 600.0 Ω ; 6.000, 60.00, 600.0 k Ω ; 6.000, 60.00 M Ω |
| Frequency Measurement | 40 Hz minimum, 100 Hz to 60 kHz maximum, depending on function and range |
| Capacitance | 600.0 nF; 6.000, 60.00, 600.0, 2000 μ F |
| Display | 6000-count LCD |
| Measurement Category | CAT IV, 600V; CAT III, 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|----------------------|
| DM-330 | 11870 | DMM, 1000V 10A RMS |
| DM-330-C* | 22895* | DMM, 1000V 10A RMS |
| TSG-3 | 12034 | Sure-Grip Test Leads |
| TC-40 | 19216 | Carrying Case |

* Includes Certificate of Calibration

Averaging Digital Multimeter



SPECIFICATIONS

| | |
|-------------------------------|--|
| Amperage Measurement | 6.000, 10.00 A |
| Voltage Measurement | 600.0 mV; 6.000, 60.00, 600.0, 1000V |
| Resistance Measurement | 600.0 Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ |
| Frequency Measurement | 40 Hz minimum, 100 Hz to 60 kHz maximum, depending on function and range |
| Capacitance | 600.0 nF; 6.000, 60.00, 600.0, 2000 μF |
| Display | 6000-count LCD |
| Measurement Category | CAT IV, 600V; CAT III, 1000V |

- Use to measure voltage, resistance, current and continuity.
- Excellent for measuring AC voltage of electrical circuits.
- AC/DC voltage, AC/DC amperage measurement.
- Non-contact voltage detection for identifying live lines without contacting conductors.
- Auto shut-off for longer battery life plus low battery indicator.
- Resistance measurement.
- Audible continuity and diode tests.
- Frequency measurement.
- Capacitance measurement.
- Data hold to capture measurement.
- 6000-count LCD for high resolution.
- Min/Max feature for added versatility.
- Audible input alert warns user if leads are in incorrect position.
- Lifetime Limited Warranty.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|----------------------|
| DM-310 | 11869 | DMM, 1000V 10A AVG |
| DM-310-C* | 22894* | DMM, 1000V 10A AVG |
| R TSG-3 | 12034 | Sure-Grip Test Leads |
| R TC-40 | 19216 | Carrying Case |

*Includes Certificate of Calibration

TRMS Digital Multimeter



- Use to measure voltage, resistance, and continuity.
- Excellent for measuring AC voltage of electrical circuits.
- AC/DC voltage measurement.
- Non-contact voltage detection for identifying live lines without contacting conductors.
- True RMS for the most accurate measurement when harmonics are present.
- Auto shut-off for longer battery life.
- Low battery indicator.
- Resistance measurement.
- Audible continuity and diode tests.
- Data hold to capture measurement.
- Frequency measurement.
- 6000-count LCD for high resolution.
- Min/Max feature for added versatility.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-------------------------------|--|
| Voltage Measurement | 600.0 mV; 6.000, 60.00, 600.0, 1000V |
| Resistance Measurement | 600.0 Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ |
| Frequency Measurement | 40 Hz minimum, 100 Hz to 60 kHz maximum, depending on function and range |
| Display | 6000-count LCD |
| Measurement Category | CAT IV, 600V; CAT III, 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|----------------------|
| DM-300 | 11868 | DMM, 1000V RMS |
| DM-300-C* | 22893* | DMM, 1000V RMS |
| R TSG-3 | 12034 | Sure-Grip Test Leads |
| R TC-40 | 19216 | Carrying Case |

*Includes Certificate of Calibration

Digital Multimeter

NEW PRODUCT

LIFETIME WARRANTY

CAT III CAT IV
CE ETL US
Intertek



- Measures AC/DC voltage, AC/DC current, resistance, temperature, frequency, duty cycle and capacitance
- Diode and audible continuity tests
- Relative offset mode to see changes in measurements
- Data hold
- Backlit, 6000 count LCD with bar graph
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|--------------------------------|---|
| Amperage Measurement | 600.0, 6000 μ A; 60.00, 600.0 mA; 6.000, 10.00 A |
| Voltage Measurement | AC V: 6.000, 60.00, 600.0, 1000 V; DC V: 600.0 mV; 6.000, 60.00, 600.0, 1000 V |
| Resistance Measurement | 600.0 Ω ; 6.000, 60.00, 600.0 k Ω ; 6.000, 60.00 M Ω |
| Frequency Measurement | 9.999 Hz to 999.9 kHz |
| Temperature Measurement | -4 to 1832 $^{\circ}$ F (-20 to 1000 $^{\circ}$ C) |
| Capacitance Measurement | 40.00, 400.0 nF; 4.000, 40.00, 400.0, 4000 μ F |
| Measurement Category | CAT IV, 600V; CAT III, 1000V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| DM-65 | 00339 | CATIII, 1000V; CATIV 600V Auto-Ranging Digital Multimeter |
| 00450 | 00450 | Test Leads |

Digital Multimeter

NEW PRODUCT

LIFETIME WARRANTY

CAT III
CE ETL US
Intertek



- Measures AC/DC voltage, AC/DC current, resistance, temperature, frequency, duty cycle and capacitance
- Diode and audible continuity tests
- Relative offset mode to see changes in measurements
- Data hold
- Backlit, 4000 count LCD
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|--------------------------------|---|
| Amperage Measurement | 400.0, 4000 μ A; 40.00, 400.0 mA; 4.000, 10.00 A |
| Voltage Measurement | AC V: 4.000, 40.00, 400.0, 1000 V; DC V: 400.0 mV; 4.000, 40.00, 400.0, 1000 V |
| Resistance Measurement | 400.0 Ω ; 4.000, 40.00, 400.0 k Ω ; 4.000, 40.00 M Ω |
| Frequency Measurement | 9.999 Hz to 999.9 kHz |
| Temperature Measurement | -4 to 1832 $^{\circ}$ F (-20 to 1000 $^{\circ}$ C) |
| Capacitance Measurement | 40.00, 400.0 nF; 4.000, 40.00, 200.0 μ F |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| DM-45 | 00337 | CATIII, 600V Auto-Ranging Digital Multimeter |
| 00450 | 00450 | Test Leads |

Digital Multimeter

NEW PRODUCT

LIFETIME WARRANTY

CAT III
CE ETL US
Intertek



- Measures AC/DC voltage, and resistance
- Diode and audible continuity tests
- Tests 1.5V and 9V batteries
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|-------------------------------|--|
| Voltage Measurement | AC V: 200.0, 600 V; DC V: 20.00, 200.0, 600 V |
| Resistance Measurement | 200.0, 2000 Ω ; 20.00, 200.0, 2000 k Ω |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| DM-25 | 00334 | CATIII, 600V Manual Ranging Digital Multimeter |

PDMM-20 Pocket Multimeter



SPECIFICATIONS

| | |
|------------------------|--|
| Voltage Measurement | 6.000, 60.00, 450.0 V |
| Resistance Measurement | 600.0Ω; 6.000, 60.00, 600.0 kΩ; 6.000 MΩ |
| Capacitance | 100.0, 1000 nF; 10.00, 100.0 μF |
| Display | 6000-count LCD |
| Measurement Category | CAT II, 450 V; CAT III, 300 V |

- Auto-select mode for hassle-free use.
- Low impedance eliminates stray or “ghost” voltage readings.
- AC/DC voltage measurement.
- Hassle-free, automatic measurement of voltage and resistance.
- Autoranging for quick, convenient measurements.
- Non-contact voltage detection for identifying live lines without contacting conductors.
- Intelligent Auto-Off for longer battery life.
- Low battery indicator.
- Resistance measurement.
- Audible continuity test.
- Frequency measurement in voltage mode.
- Capacitance measurement.
- 6000-count LCD for high resolution.
- Accessories included: (1) 3 V battery (CR2032), carrying case.
- Lifetime Limited Warranty.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------|
| PDMM-20 | 11689 | Pocket Multimeter |

Analog Multimeter



SPECIFICATIONS

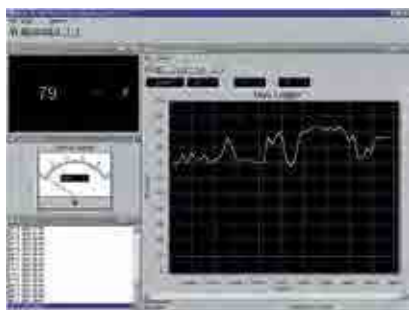
| | |
|------------------------|---|
| Amperage Measurement | DC A: 30, 500 mA |
| Voltage Measurement | AC V: 15, 50, 150, 300 V; DC V: 5, 15, 50, 150, 300 V |
| Resistance Measurement | 10, 100 kΩ; 1 MΩ |
| Measurement Category | CAT II, 300V per UL 61010B-1 |

- Easy to read, multi-function display.
- AC/DC voltage, DC amperage measurement.
- Built-in test leads, no loose parts to lose.
- Resistance measurement.
- Tests 1.5 V and 9 V batteries.
- Accessories included: (1) 1.5 V AA battery.
- Lifetime Limited Warranty.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------|
| AM-6 | 12725 | Analog Multimeter |

MULTIMETER ACCESSORIES

Interface Kits



See both digital and analog meter readouts on-screen, plus a large, easy-to-read graph of logged values – in this case, a thermocouple monitoring air temperature in a forced-air furnace duct.



DMSC-9U



DMSC-2U



DMSC-9

- Connects to a PC for data storage and retrieval from Greenlee digital multimeters.
- Allows retrieval of stored data and real-time logging and graphing.
- Retrieve stored data log from DML-Series.
- Export data to disk for analysis with any spreadsheet.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|------------------------------|--|
| Software Requirements | Windows 7/Vista/XP/2000/NT4 or Windows ME/98/95 |
| Hardware Requirements | CPU and memory – minimum Windows requirement Monitor – at least 640 x 480, 800 x 600 recommended. Hard disk – at least 500 megabytes free space. Connection – DMSC-9U: free USB port; DMSC-2U: free USB or 9-pin serial port; DMSC-9: free 9-pin serial port. |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| DMSC-2U | 35772 | For DM-200 and 200A Series and DM-510A Digital Multimeters |
| DMSC-9U | 35773 | For DM-800A Series and DML-430A Digital Multimeters |
| DMSC-9 | 07755 | For DM-800 Series, DML-54 and DML-430 Digital Multimeters |

AC/DC Clamp-on Current Adapter



- AC/DC current measuring accessory.
- Measure up to 600 amps.
- Perfect for any multimeter that reads AC and DC millivolts.
- Accessories included: (1) 9V battery.
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|-----------------------------|---|
| Amperage Measurement | 0-600A |
| Voltage Output | 100 amp range – 10mV output per 1 amp input 600 amp range – 1mV output per 1 amp input |
| Jaw Opening | 1.38" (35 mm) |
| Measurement Category | CAT III, 300V; CAT II, 600V |

| CAT. NO. | UPC. NO. | DESCRIPTION |
|----------|----------|--------------------------------|
| CMA-60 | 07531 | AC/DC Clamp-on Current Adapter |

Clamp-on Current Adapter



- AC current measuring accessory.
- Measures up to 400A AC.
- Perfect for any multimeter that reads AC millivolts.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|-----------------------------|
| Amperage Measurement | 0.1-400A |
| Voltage Output | 1mV per 1 amp input |
| Jaw Opening | 1.18" (30 mm) |
| Measurement Category | CAT III, 300V; CAT II, 600V |

| CAT. NO. | UPC. NO. | DESCRIPTION |
|----------|----------|--------------------------|
| CMA-40 | 07530 | Clamp-on Current Adapter |

Multimeter Hanging Strap



- Hanging accessory fits many digital multimeters
- Strong magnet for use on steel panels
- Nylon strap loops around pipes
- Includes magnet, strap, and mounting tab

| CAT. NO. | UPC. NO. | DESCRIPTION |
|----------|----------|--------------------------|
| DMHS-1 | 35774 | Multimeter Hanging Strap |

CLAMP-ON METERS

Clamp-on Meter Comparison Guide

| FEATURE | CMGRT-100 | CMP-200 | CMI-200 | CMI-100 | CM-1550 | CM-1500 | CM-1350 | CM-1300 |
|---------------------------|------------------|------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|
| True RMS | | • | • | • | • | | • | |
| DCA (A max) | | 2000 | 2500 | 1000 | 1000 | 1000 | | |
| Maximum resolution (A) | | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | |
| Best accuracy (%) | | 1.5 | 1.5 | 2.0 | 1.2 | 1.2 | | |
| ACA (A max) | 30 | 2000 | 2100 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Maximum resolution (A) | 1mA | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Best accuracy (%) | 2.5 | 1.5 | 1.5 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 |
| DCV (V max) | | 600 | 600 | 600 | 1000 | 1000 | 1000 | 1000 |
| Maximum resolution (V) | | 0.1 | 0.1mV | 0.1mV | 0.1 | 0.1 | 0.1 | 0.1 |
| Best accuracy (%) | | 1.5 | 1.5 | 0.75 | 0.7 | 0.7 | 0.7 | 0.7 |
| ACV (V max) | | 600 | 600 | 600 | 750 | 750 | 750 | 750 |
| Maximum resolution (V) | | 0.1 | 0.1mV | 0.1mV | 0.1 | 0.1 | 0.1 | 0.1 |
| Best accuracy (%) | | 1.5 | 1.5 | 1.2 | 1.0 | 1.0 | 1.0 | 1.0 |
| Resistance (Ω) | 1200 | | 40M | 40M | 400 | 400 | 400 | 400 |
| Maximum resolution (Ω) | 0.01 | | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Best accuracy (%) | 1.5 | | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Continuity and beeper | | | • | • | • | • | • | • |
| Diode test | | | • | • | | | | |
| Capacitance | | | | | | | | |
| Frequency | | • | • | • | • | • | • | • |
| Frequency response (Hz) | 47-800 | 40-400 | 40-1k | 40-450 | 50-500 | 50-500 | 50-500 | 50-500 |
| Temperature (T1) | | | | | | | | |
| Jaw opening | 1.25" (32 mm) | 2.17" (55 mm) | 2.17" (55 mm) | 1.81" (46 mm) | 2.0" (51 mm) | 2.0" (51 mm) | 1.85" (47 mm) | 1.85" (47 mm) |
| Display type | Digital | Dual Digital | Digital | Digital | Digital | Digital | Digital | Digital |
| Display update X/sec | 2 | 2 | 2 | 2 | 2.5 | 2.5 | 2.5 | 2.5 |
| Count | 3000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| Analog bar graph segments | | | 40 | 40 | 42 | 42 | 42 | 42 |
| Analog update X/sec | | | 20 | 20 | 13 | 13 | 13 | 13 |
| Zoom analog bar graph | | | | | | | | |
| Low battery indicator | | • | • | • | • | • | • | • |
| Autoranging | • | • | • | • | • | • | • | • |
| Auto power off | • | | • | • | • | • | • | • |
| Peak hold | | | | • | • | • | • | • |
| Data hold | • | • | • | • | • | • | • | • |
| Min, max | | | • | • | • | • | • | • |
| Data logging | | | | | | | | |
| Power factor | | • | | | | | | |
| True power (kW) | | 1200 | | | | | | |
| Apparent Power (kVA) | | 1200 | | | | | | |
| Measurement Category | III, 150V | III, 600V | III, 600V | III, 600V | IV, 600V III, 1000V | IV, 600V III, 1000V | IV, 600V III, 1000V | IV, 600V III, 1000V |
| UL | | • | • | • | • | • | • | • |
| cUL or CSA | | • | • | • | • | • | • | • |
| CE | • | • | • | • | • | • | • | • |

Clamp-on Meter Comparison Guide

| FEATURE | CM-950 | CM-900 | CM-850 | CM-800 | CM-600 | CMT-90 | CMT-80 | CM-450 | CM-410 | CM-330 |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------------|------------------|------------------|------------------|------------------|
| True RMS | • | | • | | | • | | • | | |
| DCA (A max) | 600 | 600 | | | | | | | | |
| Maximum resolution (A) | 0.1 | 0.1 | | | | | | | | |
| Best accuracy (%) | 1.2 | 1.2 | | | | | | | | |
| ACA (A max) | 600 | 600 | 600 | 600 | 600 | 600 | 400 | 600 | 400 | 400 |
| Maximum resolution (A) | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.01 | 0.1 | 0.01 |
| Best accuracy (%) | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.8 | 1.5 | 1.9 | 2.0 |
| DCV (V max) | 600 | 600 | 600 | 600 | 600 | 1000 | 600 | 600 | 600 | |
| Maximum resolution (V) | 0.1 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1mV | 0.1 | |
| Best accuracy (%) | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 1.0 | 1.0 | 0.3 | 1.0 | |
| ACV (V max) | 600 | 600 | 600 | 600 | 600 | 1000 | 600 | 600 | 600 | |
| Maximum resolution (V) | 0.1 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 1mV | 0.1 | |
| Best accuracy (%) | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.5 | 1.5 | 1.5 | 1.5 | |
| Resistance (Ω) | 400 | 400 | 400 | 400 | 2000 | 2000 | 2000 | 40M | 20M | |
| Maximum resolution (Ω) | 0.1 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 0.1 | |
| Best accuracy (%) | 1.0 | 1.0 | 1.0 | 1.0 | 1.5 | 2.0 | 2.0 | 0.6 | 0.7 | |
| Continuity and beeper | • | • | • | • | • | • | • | • | • | |
| Diode test | | | | | | • | • | • | | |
| Capacitance | | | | | | | | | | |
| Frequency | • | • | • | • | | | | • | | |
| Frequency response (Hz) | 50-500 | 50-500 | 50-400 | 50-400 | 40-500 | 50-500 | 50-60 | 50-60 | 50-500 | 50-60 |
| Temperature (T1) | | | | | | | | | | |
| Jaw opening | 1.38" (35 mm) | 1.38" (35 mm) | 1.34" (34 mm) | 1.34" (34 mm) | 1.38" (35 mm) | 1.34" (34 mm) | 1.06" (27 mm) | 1.02" (26 mm) | 1.06" (27 mm) | 1.06" (27 mm) |
| Display type | Digital | Digital | Digital | Digital | Digital | Digital | Digital | Digital | Digital | Digital |
| Display update X/sec | 2.5 | 2.5 | 2.5 | 2.5 | 4 | 1 to 4 | 1 to 4 | 3 | 1.5 | 2.5 |
| Count | 4000 | 4000 | 4000 | 4000 | 2000 | 10,000 | 10,000 | 4000 | 2000 | 2000 |
| Analog bar graph | 42 segments | 42 segments | 42 segments | 42 segments | | | | | | |
| Analog update X/sec | 13 | 13 | 13 | 13 | | | | | | |
| Zoom analog bar graph | | | | | | | | | | |
| Low battery indicator | • | • | • | • | • | • | • | • | • | • |
| Autoranging | • | • | • | • | | | | • | • | |
| Auto power off | • | • | • | • | • | • | • | • | • | |
| Peak hold | • | • | • | • | | | | | | |
| Data hold | • | • | • | • | • | • | • | • | • | • |
| Min, max | | • | • | • | | | | | | max only |
| Data logging | | | | | | | | | | |
| Power factor | | | | | | | | | | |
| True power (kW) | | | | | | | | | | |
| Apparent Power (kVA) | | | | | | | | | | |
| Measurement Category | III, 600V | III, 600V | III, 600V | III, 600V | III, 600V | IV, 600V III, 1000V | III, 600V | III, 600V | III, 600V | III, 600V |
| UL | • | • | • | • | • | • | • | • | • | • |
| cUL or CSA | • | • | • | • | • | • | • | • | • | • |
| CE | • | • | • | • | • | • | • | • | • | • |

Ground Resistance Tester



- Reads ground resistance down to 0.10Ω.
- Fully autoranging with data hold to capture readings.
- Convenient alarm and 99-point memory functions.
- Measures up to 30A RMS ground or leakage current.
- Measures currents down to 1mA.
- Accessories included: (1) 9V battery, molded carrying case, test resistance loop.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|---|-----------------------------|
| Ground Resistance Measurement | 0.10 to 1200Ω |
| Ground/Leakage Current Measurement | 299mA; 2.999A, 29.99A |
| Display | 3-3/4-digit LCD, 2999-count |
| Jaw Opening | 1.25" (32 mm) |
| Measurement Category | CAT III, 150V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|--------------|---------|--------------------------|
| CMGRT-100 | 07653 | Ground Resistance Tester |
| CMGRT-100-C* | 07730* | Ground Resistance Tester |

* Includes Certificate of Calibration

2000A Power Clamp



- True RMS for accurate measurement when harmonics are present.
- Extra high capacity 2000A measurement.
- Measures True Power, Apparent Power, Reactive Power, Power Factor, voltage, current and frequency.
- Calculates total power and power factor on 3-phase, 3-wire, and 3-phase, 4-wire, and 1-phase, 3-wire circuits using stored measurement.
- Stores up to 4 sets of measurements for calculation on multi-phase and multi-wire circuits.
- Large, easy-to-read, dual 4-digit, 4000-count LCD display for high resolution.
- Instantly recall the calculated Power Factor.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|------------------------|
| True Power | 99.99, 999.9, 1200kW |
| Reactive Power | 99.99, 999.9, 1200KVAR |
| Amperage Measurement | 499.9, 2000A |
| Voltage Measurement | 499.9, 600V |
| Frequency | 10Hz-1000Hz |
| Jaw Opening | 2.17" (55 mm) |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-------------------|
| CMP-200 | 07568 | 2000A Power Clamp |
| CMP-200-C* | 07635* | 2000A Power Clamp |
| R 00606 | 00606 | Test Leads |
| R TC-55 | 07747 | Carrying Case |

* Includes Certificate of Calibration

2500A Industrial Clamp Meter



- True RMS for accurate measurement when harmonics are present.
- High capacity 2500A DC, 2100A AC amperage measurement.
- 600V AC/DC voltage, frequency, and resistance measurements for maximum versatility.
- Peak hold, min-max, relative offset and analog bar graph to help monitor power changes.
- Produces 1mV per amp output to allow use as a remote transducer, linked to a multimeter or oscilloscope.
- Auto power off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|---|
| Amperage Measurement | AC – 400.0, 2100A; DC – 400.0, 2500A |
| Voltage Measurement | AC – 4.000, 40.00, 400.0, 600V DC – 400.0mV; 4.000, 40.00, 400.0, 600V |
| Display | 3-3/4-digit, 4000-count (9999 for frequency) |
| Frequency | 99.99, 999.9Hz; 9.999, 99.99, 999.9kHz |
| Resistance | 400.0Ω; 4.000, 40.00, 400.0kΩ; 4.000, 40.00MΩ |
| Jaw Opening | 2.17" (55 mm) |
| Voltage Output | 1mV output per 1 amp input |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|------------------------------|
| CMI-200 | 07567 | 2500A Industrial Clamp Meter |
| CMI-200-C* | 07634* | 2500A Industrial Clamp Meter |
| 00606 | 00606 | Test Leads |
| TC-55 | 07747 | Carrying Case |



* Includes Certificate of Calibration

Industrial Clamp Meter



- High capacity 1000A AC/DC amperage measurement.
- 600V AC/DC voltage, frequency, and resistance measurements for maximum versatility.
- Continuity and diode tests with audible and visual indicators.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|--|
| Amperage Measurement | 400.0, 1000A |
| Voltage Measurement | AC - 4.000, 40.00, 400.0, 600V DC - 400.0mV; 4.000, 40.00, 400.0, 600V |
| Display | 3-3/4-digit, 4000-count (9999 for frequency) |
| Frequency | Voltage Mode - 99.99, 999.9Hz; 9.999, 99.99, 800.0kHz Current Mode - 99.99, 999.9Hz |
| Resistance | 400.0Ω; 4.000, 40.00, 400.0kΩ; 4.000, 40.00MΩ |
| Jaw Opening | 1.81" (46 mm) |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|------------------------|
| CMI-100 | 07564 | Industrial Clamp Meter |
| CMI-100-C* | 07631* | Industrial Clamp Meter |
| 00606 | 00606 | Test Leads |
| TC-50 | 07746 | Carrying Case |



* Includes Certificate of Calibration

1000A AC/DC True RMS Clamp Meter



- True RMS for the most accurate measurement when harmonics are present.
- AC/DC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Dual Hall sensor for the most accurate measurements.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Audible continuity test.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|---|
| Amperage Measurement | 400.0, 1000A |
| Voltage Measurement | AC V: 400.0, 750V; DC V: 400.0, 1000V |
| Resistance | 400.0Ω |
| Frequency | 0.400kHz |
| Display | 4000-count LCD display |
| Jaw Opening | 2.0" (51 mm) |
| Measurement Category | CAT IV, 600V CAT III, 750V AC/1000V DC |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|----------------------|
| CM-1550 | 07799 | True RMS Clamp Meter |
| CM-1550-C* | 10863* | True RMS Clamp Meter |
| R 00606 | 00606 | Test Leads |
| R TC-30 | 07536 | Carrying Case |

* Includes Certificate of Calibration

1000A AC/DC Clamp Meter



- AC/DC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Dual Hall sensor for the most accurate measurements.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Audible continuity test.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|---|
| Amperage Measurement | 400.0, 1000A |
| Voltage Measurement | AC V: 400.0, 750V; DC V: 400.0, 1000V |
| Resistance | 400.0Ω |
| Frequency | 0.400kHz |
| Display | 4000-count LCD display |
| Jaw Opening | 2.0" (51 mm) |
| Measurement Category | CAT IV, 600V per IEC 61010-1 CAT III, 750V AC/1000V DC |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---------------|
| CM-1500 | 07798 | Clamp Meter |
| CM-1500-C* | 10862* | Clamp Meter |
| R 00606 | 00606 | Test Leads |
| R TC-30 | 07536 | Carrying Case |

* Includes Certificate of Calibration

1000A AC True RMS Clamp Meter



- True RMS for the most accurate measurement when harmonics are present.
- AC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Audible continuity test.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|---|
| Amperage Measurement | 0 - 400.0, 1000A |
| Voltage Measurement | AC V: 400.0, 750V DC V: 400.0, 1000V |
| Resistance | 0-400.0Ω |
| Frequency | 0.400kHz |
| Display | 4000-count LCD display |
| Jaw Opening | 1.85" (47 mm) |
| Measurement Category | CAT IV, 600V CAT III, 750V AC/1000V DC |

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|----------------------|
| CM-1350 | 07733 | True RMS Clamp Meter |
| CM-1350-C* | 10861* | True RMS Clamp Meter |
| 00606 | 00606 | Test Leads |
| TC-30 | 07536 | Carrying Case |

* Includes Certificate of Calibration

1000A AC Clamp Meter



- AC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Audible continuity test.
- Selectable Auto Off for longer battery life.
- Accessories included: (2) 1.5 V AA batteries, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|---|
| Amperage Measurement | 0 - 400.0, 1000A |
| Voltage Measurement | AC V: 400.0, 750 V DC V: 400.0, 1000V |
| Resistance | 0-400.0Ω |
| Frequency | 0.400kHz |
| Display | 4000-count LCD display |
| Jaw Opening | 1.85" (47 mm) |
| Measurement Category | CAT IV, 600V CAT III, 750V AC/1000V DC |

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------|---------|---------------|
| CM-1300 | 07732 | Clamp Meter |
| CM-1300-C* | 10860* | Clamp Meter |
| 00606 | 00606 | Test Leads |
| TC-30 | 07536 | Carrying Case |

* Includes Certificate of Calibration

600A AC/DC True RMS Clamp Meter



- True RMS for the most accurate measurement when harmonics are present
- AC/DC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Dual Hall sensor for DC amperage accuracy.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Auto zero for DCA measurement.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|----------------|
| Amperage Measurement | 400.0, 600A |
| Voltage Measurement | 400.0, 600V |
| Resistance | 400.0Ω |
| Frequency | 0.400kHz |
| Display | 4000-count LCD |
| Jaw Opening | 1.38" (35 mm) |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|----------------------------|
| CM-950 | 07700 | AC/DC True RMS Clamp Meter |
| CM-950-C* | 10859* | AC/DC True RMS Clamp Meter |
| R 00606 | 00606 | Test Leads |
| R TC-10 | 07534 | Carrying Case |

* Includes Certificate of Calibration

600A AC/DC Clamp Meter



- AC/DC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Dual Hall sensor for DC amperage accuracy.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Auto zero for DCA measurement.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|------------------------|
| Amperage Measurement | 400.0, 600A |
| Voltage Measurement | 400.0, 600V |
| Resistance | 400.0Ω |
| Frequency | 0.400kHz |
| Display | 4000-count LCD display |
| Jaw Opening | 1.38" (35 mm) |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-------------------|
| CM-900 | 07699 | AC/DC Clamp Meter |
| CM-900-C* | 10858* | AC/DC Clamp Meter |
| R 00606 | 00606 | Test Leads |
| R TC-10 | 07534 | Carrying Case |

* Includes Certificate of Calibration

600A AC True RMS Clamp Meter



- True RMS for the most accurate measurement when harmonics are present.
- AC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|------------------|
| Amperage Measurement | AC - 400.0, 600A |
| Voltage Measurement | 400.0, 600V |
| Resistance | 400.0Ω |
| Frequency | 0.400kHz |
| Display | 4000-count LCD |
| Jaw Opening | 1.34" (34mm) |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|----------------------|
| CM-850 | 07666 | True RMS Clamp Meter |
| CM-850-C* | 10857* | True RMS Clamp Meter |
| 00606 | 00606 | Test Leads |
| TC-10 | 07534 | Carrying Case |

* Includes Certificate of Calibration

600A AC Clamp Meter



- AC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Selectable Auto Off for longer battery life.
- Accessories included: (2) 1.5 V AA batteries, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|------------------------|
| Amperage Measurement | AC - 400.0, 600A |
| Voltage Measurement | 400.0, 600V |
| Resistance | 400.0Ω |
| Frequency | 0.400kHz |
| Display | 4000-count LCD display |
| Jaw Opening | 1.34" (34mm) |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------|---------|---------------|
| CM-800 | 07664 | Clamp Meter |
| CM-800-C* | 10856* | Clamp Meter |
| 00606 | 00606 | Test Leads |
| TC-10 | 07534 | Carrying Case |

* Includes Certificate of Calibration

AC Clamp-on Meter



CM-600 features:

- Both AC amperage and AC/DC voltage measurement.
- Resistance measurement up to 2000Ω.
- Auto power off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|-----------------------------|
| Amperage Measurement | 600A AC |
| Voltage Measurement | 600V |
| Display | 3-1/2-digit LCD, 2000-count |
| Resistance | 2000Ω |
| Jaw Opening | 1.38" (35 mm) |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-------------------|
| CM-600 | 07593 | AC Clamp-on Meter |
| CM-600-C* | 07625* | AC Clamp-on Meter |
| R 00606 | 00606 | Test Leads |
| R TC-10 | 07534 | Carrying Case |

* Includes Certificate of Calibration

True RMS Clamp Meter



- AC amperage, AC/DC voltage measurement.
- True RMS for the most accurate measurement where harmonics are present.
- Quick, easy operation.
- Auto power off for longer battery life.
- Resistance measurement.
- Audible continuity and diode tests.
- Frequency measurement.
- Data hold to capture measurement.
- 4000 count LCD.
- Accessories included: Test leads, 3V Standard button battery (IEC-CR 2032; ANSI-NEDA 54004LC)
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|--|
| Amperage Measurement | 40.0, 400.0, 600 AAC |
| Jaw Opening | 1.02" (26 mm) |
| Display | LCD, 4000-count |
| Voltage | 4.000, 40.00, 400.0, 600 VAC 400.0 mV, 4.000, 40.00, 400.0, 600V DC |
| Resistance | 400.0Ω; 4.000, 40.00, 400.0kΩ; 4.000, 40.00MΩ |
| Measurement Category | CAT III, 600V per UL 61010-1 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-----------------------------|
| CM-450 | 12726 | AC Clamp-on Meter, True RMS |
| R TSG-3 | 12034 | Sure-Grip Test Leads |
| R TC-5 | 07588 | Carrying Case |

AC Clamp-on Meter



- Measures to 600 volts AC and DC, and 400 amps AC.
- Data hold to capture important readings.
- Audible continuity test.
- Auto power off for longer battery life.
- Accessories included: (2) 1.5V AAA batteries, test leads, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|---|
| Amperage Measurement | 200.0, 400A AC |
| Jaw Opening | 1.06" (27 mm) |
| Display | 3-1/2-digit LCD, 2000-count |
| Voltage | 200.0, 600V |
| Resistance | 200.0Ω; 2,000, 20.00, 200.0kΩ; 2,000, 20.00MΩ |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------|
| CM-410 | 73420 | AC Clamp-on Meter, 400A |
| R 00606 | 00606 | Test Leads |
| R TC-5 | 07588 | Carrying Case |

Clamp-on Meter



- AC current measuring capability up to 400 amps.
- Compact size, fits easily into tool pouch.
- Data hold and Max hold to capture important readings.
- 2000-Count LCD.
- Lifetime Limited Warranty.
- Accessories included: (1) 9V battery, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------------|--------------------------------|
| Amperage Measurement | 20.00, 200.0, 400 A AC |
| Display | 2000-count LCD |
| Jaw Opening | 1.06" (27 mm) |
| Measurement Category | CAT III, 600 V per UL 61010B-1 |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------|
| CM-330 | 11865 | Clampmeter, 400A AC |
| R TC-5 | 07588 | Carrying Case |

CIRCUIT TRACING

Circuit Tracer Application Guide

| FEATURE | CIRCUIT SEEKER CS-8000 | CLOSED CIRCUIT 2007 |
|---|--|------------------------------|
| Locate and identify breakers | • | • |
| Locate and identify fuses | • | • |
| Locate and identify blown fuses | • | |
| Trace concealed wiring in walls and floors | • | • |
| Locate junction box relays and transformers | • | • |
| Locate switch gear | • | • |
| Find shorts to ground | • | • |
| Trace wires in PVC (nonmetallic conduit) | • | • |
| Find opens in a circuit | • | |
| Localize power and lighting panels | • | • |
| Operate on energized circuits | • | • |
| Operate on low voltage circuits | • | • |
| Operate on high voltage circuits (600VAC) | • | |
| Operate on unenergized circuits | • | • ¹ |
| Trace shielded cable | • | |
| Trace metal conduit | • ² | • |
| Sort wires and trace coax cable | • | |
| Auto gain circuitry for improved accuracy | • | |
| AC voltage range | 0-750V | 9-300V |
| DC voltage range | 0-750V | 9-300V |
| Distance – receiver from transmitter | 300 ft.-4 mi. ³ (915 m-6.5 km) | 3-4 miles (4.9 km-6.5 km) |
| Transmitter battery | (2) AA | — |
| Receiver battery | (2) AA | 9V |

1. For circuits without power, hook-up a 9V battery in series with the circuit and transmitter to power the line.

2. Closed circuit applications only.

3. Depends on application – shorter distances for open circuit tracing, longer distances for closed circuit tracing applications.

CS-8000 Circuit Seeker™ Circuit Tracer



Features:

- Advanced patented non-directional sensing technology.
- Superior sensitivity and functionality providing for accurate tracing & locating.
- Ergonomic receiver with information-rich full-color graphical LCD.
- Graphics and audible signal provide quick and easy to understand tracing feedback.
- Traces concealed wiring, locates junction boxes, and finds breakers for live or open circuits.
- Locates and identifies blown fuses.
- Finds shorts and breaks in conductors.
- Low pitch, high volume audible indicator.
- User-selectable automatic or manual gain capability for fast, convenient use.
- Can be used on GFCI protected circuits.
- Automatic backlight on receiver maximizes battery life.
- Supports transmitter-to-receiver distances up to 4 miles for closed circuit tracing.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-----------------------|---|
| Capacity | 0 to 750V AC/DC |
| Frequency | 15.15 kHz |
| Receiver Range | up to 20' (6 m) Live Line Mode; up to 10' (3 m) Open Line with metallic connection to ground; 1-3' (.3-.9 m) with capacitive ground reference |
| Weight | 4.3 lbs. (1950 g) |



| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---------------------|
| CS-8000 | 12126 | Circuit Seeker |
| R 12849 | 12849 | Transmitter |
| R 12850 | 12850 | Receiver |
| R 10057 | 10057 | Alligator Clips (2) |
| R 10054 | 10054 | AC Blade |
| R 12852 | 12852 | AC Plug Adapter |
| R 12853 | 12853 | Extension Leads (2) |
| R 12851 | 12851 | Carrying Case |

Power Finder® Closed Circuit Tracer



- Fast, simple energized circuit tracing.
- Traces circuits in nonmetallic conduit.
- Finds shorts to ground.
- Supports transmitter-to-receiver distances up to 4 miles (6.5 km).
- Accessories included: transmitter plug, (2) receptacle blades, test leads, (1) 9V battery, carrying case.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|------------------|---|
| Capacity | 2007 - 9 to 300V AC/DC 38583 - 9 to 680 VAC, 9 to 1000 VDC |
| Case Size | 12" x 8-3/4" x 2" (305 mm x 222 mm x 51 mm) |
| Weight | 2.4 lbs. (1089 g) |
| Distance | 3000 ft. - 4000 ft. (915m - 1220m) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|------------------------------------|
| 2007 | 36924 | Power Finder Closed Circuit Tracer |
| A 38583 | 38583 | High Voltage Adapter |
| R 36925 | 36925 | Receiver* |
| R 36926 | 36926 | Transmitter* |
| R 36928 | 36928 | Transmitter Plug* |
| R 36929 | 36929 | Receptacle Blades (2), AC* |
| R 36930 | 36930 | Test Lead* |
| R 36927 | 36927 | Plastic Case* |

* 2007 includes these items

LOCATORS

Locators Application Guide

| FEATURE | BLL-200 | 501 | PE2003 | 508S | 521A |
|---|-----------|----------------|---------------------|----------------|----------------|
| Trace concealed wiring in walls and floors | | • | | • | |
| Locate junction box relays and transformers | • | | | | |
| Locate switch gear | • | | | | |
| Find shorts to ground | | | • ² | | • ¹ |
| Trace wires in PVC (nonmetallic conduit) | • | • | | • | |
| Find opens in a circuit | | | • ² | | • |
| Localize power and lighting panels | • | • | | • | |
| Operate on energized circuits | • | • | | • | |
| Operate on low voltage circuits | • | • | • | • | |
| Operate on high voltage circuits (600VAC) | • | | | | |
| Operate on unenergized circuits | • | • | • | • | • |
| Trace shielded cable | • | • ³ | | • ³ | • ³ |
| Trace buried metal conduit | | | | | |
| Trace coax cable | • | • ⁵ | | • ⁵ | • ⁴ |
| Auto gain circuitry for improved accuracy | • | | | | |
| AC voltage range | 0-600V | 0-240V | 0-240V | 0-240V | 0-120V |
| DC voltage range | 0-300V | 0-500V | 0-400V | 0-500V | 0-250V |
| Distance—receiver from transmitter | 5,000 ft. | • ⁷ | 5000 ft. | 1000 ft. | • ⁶ |
| Transmitter battery | (4) AA | (8) AA | 12V rechargeable | (1) 9V | (8) D |
| Receiver battery | (4) AA | (1) 9V | (1) 9V | (1) 9V | (1) 9V |

- 10,000 ohms and less—both ends isolated from grounds.
- Does not locate the path—has to be predetermined and only in direct burial applications. 5,000,000 and less.
- Transmitter connected to metallic shield.
- Will trace coax providing the b0nd is in place at the remote end—will disrupt service.
- No sorting (high RF bleeds) can trace coax if transmitter connected to braid.
- Low frequency locators need a "path to earth" (dirt), 5000 ft. on an open conductor and 2500 ft. on a metallic pipe at 3 ft. deep.
- Direct Connection 4,000 ft at 7 ft deep
Inductive Coupler 1,000 ft at 3 ft deep
Inductive Antenna 700 ft at 3 ft deep

BURIED FACILITY LOCATION AND MARKING Tracker II



HS-1 (08695)
Optional headset is available for use in high-traffic areas or other noisy environments.

- Traces the path and determines the depth of wires and metallic pipes on active or dead systems without having to deactivate the system.
- Lightweight receiver provides audible and visual indications of signal strength.
- Transmitter output and receiver sensitivity are fully adjustable for maximum accuracy.
- Transmitter offers three methods of connection: direct, inductive coupler and inductive antenna.
- Includes transmitter assembly, receiver assembly, inductive coupler (clamp), built-in inductive antenna, two 8' (2.4 m) test leads with heavy-duty alligator clips and durable polyethylene case.
- High frequency transmitter provides range up to 4,000' (1,219 m) and depths up to 7' (2 m).
- Receiver is 32" long (813 mm).
- Battery operated (eight AA and one 9V battery is included).
- Molded carrying case included.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|----------------------|
| 501 | 08662 | Tracker II |
| R 501T | 60353 | Transmitter |
| R 501R | 60352 | Receiver |
| R IC1 | 60354 | Inductive Clamp |
| R CS16 | 60355 | Transmitter Cord Set |
| R 500CA | 60351 | Case with Antenna |

SPECIFICATIONS

| | |
|------------------------------|--|
| Power Requirements | Transmitter – (8) AA batteries; Receiver – (1) 9V battery |
| Battery Life | Transmitter – 30 hours nominal; Receiver – 10 hours nominal |
| Transmitter Frequency | 447.5kHz |
| Transmitter Power | 40Vp-p (140mW) maximum |
| Voltage Protection | 240VAC/500VDC |
| Automatic Shut Off | 90 Min. Transmitter and Receiver |
| Construction | Transmitter/Receiver – powder coated aluminum Case – vacuum formed polyethylene |
| Dimensions | Transmitter – 4.25" x 3" x 3.25" (108 x 76.2 x 82.6 mm) Receiver – 32" x 2.75" x 4" (812.8 x 69.9 x 101.6 mm) Case – 33.5" x 8.25" x 3.75" (850.9 x 209.6 x 95.3 mm) |
| Weight | 6.7 lbs. complete kit (3.04 kg) |

Buried Line Locator



- LED and LCD signal strength indicators make it quick and easy to find exact line location.
- Lightweight and ergonomically balanced.
- Automatic signal boost makes it easy to trace lines, even those with very weak signals.
- Receiver may be used in active or passive mode.
- Receiver locates multiple passive frequencies with a single setting.
- Receiver automatically locks out passive range when it detects a transmitter signal, reducing the chance of tracing other lines carrying weaker signals.
- Microprocessor-based circuitry delivers increased accuracy and features auto-gain control in all environments.
- Traces 20' (6 m) underground and provides depth readings up to 15' (4.57 m).
- Transmitter can be connected to live lines up to 600V.
- Molded carrying case included.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------|
| BLL-200 | 07796 | Buried Line Locator |

SPECIFICATIONS

| | | | |
|------------------------------|---|--------------------------------|---|
| Transmitter | | Receiver | |
| Operating Voltage | 0-600VAC, 0-300 VDC | Depth Range | Measures: 0-15 ft Traces: 0-20 ft. |
| Current | 13mA (open line) 150mA (live or shorted line) | Depth Resolution | 0.1 ft. increments |
| Frequency | 33.3kHz | Passive Trace Frequency | - 12Hz-24kHz |
| Operating Temperature | 0°F to 120°F (-17°C to 50°C) | Operating Temperature | 0°F to 120°F (-17°C to 50°C) |
| Size | 7.5" x 4" x 2.1" (190.5 mm x 101.6 mm x 53 mm) | Size | 4.1" x 8.5" x 38" (104.1 mm x 215.9 mm x 965.2 mm) |
| Power | 6 VDC (4 AA batteries) | Power | 6 VDC (4 AA batteries) |
| Weight | 15 oz. (425 g) (with batteries and clamp) | Weight | 1 lb. 12 oz. (794 g) |

Pulser Fault Locator



- Identifies the exact location of even the smallest breaks in insulation by "pulsing" a high-voltage signal that radiates into the earth at the location of the faults. With the A-frame mounted receiver, a visual analog meter points the way to the source of the voltage.
- Multiple faults on a single wire can be identified indicating the need to replace instead of repair.
- Extra-long test leads feature heavy-duty alligator clips for use on multiple cable types.
- Includes a rechargeable transmitter, receiver, A-frame, ground stake, 120V charger and a 12V DC (cigarette lighter) adapter.
- Battery operated (one 12V and one 9V battery are included).
- Molded carrying case included.

SPECIFICATIONS

| | |
|---------------------------|---|
| Power Requirements | Transmitter: (1) 12V rechargeable battery Receiver: (1) 9V battery |
| Battery Life | Transmitter: 23 hours per charge; Receiver: 200 hours |
| Transmitter Power | 2400VDC peak |
| Voltage Protection | 240VAC/400VDC |
| Construction | Transmitter – aluminum housing in polyethylene case Receiver – powder coated aluminum |
| Dimensions | Transmitter – 17" x 8.5" x 6.5" (421 mm x 215 mm x 160 mm) in case Receiver – 33.5" x 21.75" x 3.25" (840 mm x 550 mm x 8 mm) on A-Frame |
| Weight | 12.5 lbs. (5.7 kg) complete |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------------------|
| PE2003 | 08666 | Pulser |
| 2000H | 60357 | Transmitter (Includes CH1 & CH2) |
| 2000R | 60358 | Receiver |
| AF2 | 60482 | A-Frame |
| CH1 | 60360 | AC Charger |
| CH2 | 60361 | DC Charger |
| 59F0002 | 66216 | Battery, Replacement (12V 2.5 Ah) |

Wire Finder/Mini Locator



- Traces energized or non-energized wires in walls and drop ceilings.
- Provides reliable results on buried cables to depths of 3' (1 m) and lengths up to 1000' (308 m).
- Determines the approximate depth of the wire before digging.
- Compact design and easy-to-understand operations.
- Fully adjustable transmitter and receiver for accurate locating.
- Quick change test leads for use in any industry, even international power outlets.
- Voltage protection to allow use on live AC circuits.
- Automatic shut-off to prevent accidental battery discharge.
- Housed in a durable, molded carrying case with a quick reference operation guide on the inside of the lid.
- Battery-operated: (2) 9V batteries included.

SPECIFICATIONS

| | |
|------------------------------|--|
| Power Requirements | (1) 9V each (transmitter and receiver, included) |
| Battery Life | Transmitter 35 hours nominal; Receiver 20 hours nominal |
| Transmitter Frequency | 447.5kHz |
| Transmitter Power | 9Vp-p (11mW) |
| Voltage Protection | 240VAC/500VDC |
| Construction | Transmitter/Receiver – high-impact ABS plastic, Case – vacuum-formed polyethylene |
| Dimensions | Transmitter – 4" x 2.3" x 1" (101.6 x 58.4 x 25.4 mm), Receiver – 6" x 2.35" x 1" (152.4 x 59.7 x 25.4 mm), Case – 9.5" x 8" x 3" (241.3 x 203.2 x 76.2 mm) |
| Weight | 2.6 lbs. (1.2 kg) |

| CAT. NO. | UPC. NO. | DESCRIPTION |
|----------|----------|--------------------------|
| 508S | 08678 | Wire Finder/Mini Locator |
| 508ST | 60363 | Transmitter |
| 508SR | 60364 | Receiver |
| CS14 | 60366 | Alligator Clip Cord set |
| CS15 | 60367 | AC Outlet Cord set |

Wire and Valve Locator



- Adjustable transmit power allows you to select the best signal for maximum performance.
- Transmitter's high power output offers extended range and use on higher resistance wire paths that other locators can't touch.
- Receiver provides both audible and visual indications of signal strength.
- Lightweight receiver wand makes it easy for you to move along quickly to locate even the longest wire path.
- Rugged headphones block ambient noise and improve "feel" for the signal.
- Includes transmitter, receiver, headset, ground stake, and complete instructions.
- Battery-operated: (8) "D" Cells and (1) 9V.

SPECIFICATIONS

| CAT. NO. | UPC NO. | DESCRIPTION |
|-----------------|---------|------------------------|
| 521A | 86788 | Wire and Valve Locator |
| R 521A-R | 12623 | Receiver |
| R HS1 | 08695 | Headset |
| R GS1 | 60362 | Ground Stake |

| | |
|------------------------------|--|
| Power Requirements | Transmitter: (8) "D" Cell; Receiver: (1) 9V battery |
| Battery Life | Transmitter: 50 hours nominal Receiver: 100 hours nominal |
| Transmitter Frequency | 1748Hz |
| Transmitter Power | 750Vp-p 285Vrms |
| Voltage Protection | 120VAC/250VDC |
| Construction | Powder-coated aluminum housing in polyethylene case |
| Case Dimensions | 33.5" x 8.25" x 3.75" |
| Weight | 12 lbs. complete |

Station Master™ Pro



24B



24BK

- Troubleshoot irrigation systems.
- Activate and cycle solenoids.
- Test solenoids for continuity.
- Send tone to identify wires.
- Measure clock voltage.
- Low battery indication.
- Easy-to-understand LEDs.
- Test leads with "Bed-of-Nails" and piercing Pin Clips.
- 1-year limited warranty.

SPECIFICATIONS

| | |
|--|--|
| Minimum Voltage for Clock LED | 15 VAC (LED intensity increases as voltage increases) |
| Minimum Battery while Testing | 10.5 VDC |
| Maximum Input Voltage between Test Leads | 28 VAC |
| Solenoid Circuit Recharge Time | 2.5 seconds |
| Maximum Distance Range to Activate one Solenoid | 12 AWG Loop 3000-13000 feet 14 AWG Loop 2000-8500 feet 18 AWG Loop 500-3000 feet |
| Power Source | 9V alkaline batteries |
| Battery Life | 3 hours continuous |
| Operating/Storage Temp. | 32°F - 122°F (0° - 50°C) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|---------------|---------|------------------------|
| 24B | 86786 | Station Master Pro |
| 24BK | 86787 | Station Master Pro Kit |
| R 700C | 08683 | Carrying Case |

BASIC ELECTRICAL KITS

Basic Electrical Kit



TK-30



DM-20

- Use to measure voltage and check 1.5 V and 9 V batteries.
- AC/DC voltage, DC amperage measurement.
- Built-in test leads, no loose parts to lose.
- Resistance measurement.
- Audible continuity and diode tests.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|-------------------------------|---|
| Amperage Measurement | DC A: 2000 μ A; 20.00, 200.00 mA |
| Voltage Measurement | AC V: 200.0, 300 V; DC V: 200.0, 2000 mV; 20.00, 200.0, 300 V |
| Resistance Measurement | 200.0, 2000 Ω ; 20.00, 200.0, 2000 k Ω |
| Measurement Category | CAT II, 300V |

TK-30IR



GT-11 AND GT-15

- Safe, non-contact voltage detection.
- Bright LED and audible alarm sound if voltage is present.
- On/Off switch for longer battery life.
- Convenient pen-size device easily fits into pockets or tool pouches.
- Lifetime Limited Warranty

GT-11

- Use to detect voltage in outlets, lighting fixtures, circuit breakers, wires and cables or to find a break in a wire.

SPECIFICATIONS

| | |
|-----------------------------|---------------|
| Voltage Detection | 50 - 1000 VAC |
| Frequency | 50-500 HZ |
| Measurement Category | CAT IV, 1000X |

GT-15

- Use to detect voltage in low voltage applications ranging from 12-90 volts AC.

SPECIFICATIONS

| | |
|-----------------------------|---------------|
| Voltage Detection | 12 - 90 VAC |
| Frequency | 50-500 HZ |
| Measurement Category | CAT III, 300V |

TK-30GFI



GT-10 AND GT-10GFI

- Use to trouble shoot 120 V AC Grounded outlets
- Light sequence indicates correct or incorrect
- GT-10GFI also tests also tests GFI Receptiscle
- Lifetime Limited Waarranty

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
|----------|---------|-------------|

| | | |
|----------|-------|-----------------------------|
| TK-30 | 12127 | Electrical Kit, Basic |
| TK-30IR | 89799 | Electrical Kit, Low Voltage |
| TK-30GFI | 10268 | Electrical Kit, GFCI |

CIRCUIT VERIFYING

Polarity Cubes



GT-10

- Use to troubleshoot 120 V AC grounded outlets.
- Light sequence indicates correct/incorrect wiring.
- Lifetime Limited Warranty

GT-10GFI

- Use to troubleshoot 120 V AC grounded outlets and test GFCI receptacles.
- Light sequence indicates correct/incorrect wiring.
- Lifetime Limited Warranty

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------|
| GT-10 | 12124 | Cube, Polarity |
| GT-10GFI | 12125 | Tester, Circuit GFI |

GFCI and Circuit Tester



- Allows instant testing of GFCI receptacles or GFCI circuit breaker protected circuits.
- Checks 120VAC grounded outlets for correct/incorrect wiring.
- LED indicators signal correct wiring, open ground, open neutral, open hot, hot/ground reversed and hot/neutral reversed.
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|-----------------------------|--|
| Capacity | 120VAC, 3-wire systems |
| Time | 4-second interval between mA test impulses; 200 ms pulse duration |
| Size | 5-3/8" x 2-5/8" x 1-3/4" (137 mm x 67 mm x 44 mm) |
| Cord length | 16" (406 mm) |
| Weight | 0.5 lb. (227g) |
| Accuracy | Current: 10% at nominal voltage; Time: approx. 12% |
| Measurement Category | CAT II, 150V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------|
| 5708 | 34523 | GFCI and Circuit Tester |
| 5708-C* | 07640* | GFCI and Circuit Tester |

* Includes Certificate of Calibration

INSULATION TESTING

Insulation Testing Comparison Chart

| FEATURE | | 5990 | 5882 | 5880 |
|----------------------|-------|------------|-------------|-------------|
| Test voltage | 250V | | • | |
| | 500V | • | • | • |
| | 1000V | • | • | • |
| | 2500V | • | | |
| | 5000V | • | | |
| Range | 250V | | 50k-2000MΩ | |
| | 500V | 500k-500GΩ | 100k-2000MΩ | 100k-2000MΩ |
| | 1000V | 700k-500GΩ | 200k-2000MΩ | 200k-2000MΩ |
| | 2500V | 5M-500GΩ | | |
| | 5000V | 20M-500GΩ | | |
| Continuity | | | 0-20Ω | 0-20Ω |
| Resistance | | | 0-400kΩ | 0-400kΩ |
| Display type | | Analog | Digital | Digital |
| Backlit | | | • | • |
| Count | | | 4000 | 4000 |
| Analog bar graph | | | • | • |
| Measurement Category | | III, 600V | II, 300V | II, 300V |
| UL | | | • | • |
| CE | | • | • | • |

5kV Megohmmeter



- Four test voltages: 500V, 1000V, 2500V, and 5000V.
- Resistance measurement range up to 500GΩ.
- Extra-large analog display for easy viewing.
- Accessories included: (4) 1.5V D batteries, integrated carrying case, test leads, probes, snap-on test lead pouch.
- Lifetime Limited Warranty

SPECIFICATIONS

Insulation Tests

| | |
|-----------------------------|------------------------|
| Test Voltage | 500, 1000, 2500, 5000V |
| Range | 500k to 500GΩ |
| Voltage Test Range | 600V AC/DC |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------|
| 5990 | 07665 | 5kV Megohmmeter |
| 87121 | 87121 | Probes |
| 86999 | 86999 | Leads |

Digital/Analog Megohmmeter



5883



5880 features:

- Auto-ranging AC/DC default voltmeter with test inhibitor and warnings for enhanced user safety.
- Extra-large digital display with backlight and analog bar graph.
- Weather resistant against dust and water to IP44.
- Multiple test voltage ranges.
- Measure up to 2000MΩ resistance.
- Accessories included: (6) 1.5V AA batteries, test leads, case.
- Lifetime Limited Warranty

5882 adds:

- Tests three voltage ranges: 250, 500, and 1000V.
- Timer function for dielectric absorption and polarization index measurements.

5883 (optional accessory):

- Remote probe, pushbutton and flashlight for added convenience.

SPECIFICATIONS

Insulation Tests

Test Voltage 5882: 250, 500, 1000V
5880: 500, 1000V

Range
250V: 50k – 2000MΩ
500V: 100k – 2000MΩ
1000V: 200k – 2000MΩ

Automatic Discharge 1.5 sec/μF, 300 KΩ impedance

Continuity Range 0-20Ω

Resistance Range 0-400kΩ

Voltage Test Range 0-600V AC/DC

Display 4000-count, backlit 34-segment analog bar graph

Measurement Category CAT II, 300V

| CAT. NO. | UPC NO. | DESCRIPTION |
|---|---------|----------------------------|
| 5882 | 07573 | Digital/Analog Megohmmeter |
| 5882-C* | 07639* | Digital/Analog Megohmmeter |
| 5880 | 07572 | Digital/Analog Megohmmeter |
| 5880-C* | 07638* | Digital/Analog Megohmmeter |
| A 5883 | 07591 | Remote Probe |
| R 87073 | 87073 | Test Lead Kit |

* Includes Certificate of Calibration

MOTOR ROTATION & PHASE SEQUENCE

Motor Rotation and Phase Sequence Indicator Kit



5702



5123

- Assists in correct motor installation by identifying the phases of a three-phase circuit and the rotation of an unenergized motor to prevent damage to motor or electrical system.
- Identifies L1, L2, L3 phases and motor leads and indicates rotation of the motor before installation.
- Easy clockwise and counterclockwise indication.
- Accessories included: (1) 9V battery, carrying case.
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|----------------------------------|-----------------|
| Phase Sequence Indicator | (CAT. No. 5702) |
| Overvoltage Protection | CAT III, 600V |
| Motor Rotation Indicator | (CAT. No. 5123) |
| Two LEDs indicate motor rotation | |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 5779 | 07576 | Motor Rotation and Phase Sequence Indicator Kit |
| TC-20 | 07535 | Carrying Case |

! Do not use Motor Rotation Indicator on live circuits.

Motor Rotation Indicator



- Tests unenergized 3-phase motor to determine sequence for desired motor rotation.
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|------------|----------|
| Indicators | Two LEDs |
|------------|----------|

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------|
| 5123 | 34514 | Motor Rotation Indicator |

! Do not use Motor Rotation Indicator on live circuits.

Phase Sequence Indicator



- Identifies L1, L2, L3 phases and indicates phase rotation before installation.
- Clockwise and counterclockwise indication via neon lamps.
- Lifetime Limited Warranty

SPECIFICATIONS

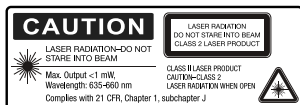
| | |
|---------------------------|------------------|
| Live Phase Indicators | Three neon lamps |
| Motor Rotation Indicators | Two neon lamps |
| Measurement Category | CAT III, 600V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------------------|
| 5702 | 07574 | Phase Sequence Indicator |

TEMPERATURE

TG-1000 & TG-2000 Infrared Thermometers

NEW PRODUCT



Both TG-1000 and TG-2000 offer:

- Safe, non-contact temperature measurement.
- Display temperatures in either Fahrenheit or Celsius.
- Adjustable emissivity for optimum temperature reading accuracy on a wide range of materials and surfaces.
- Min, Max, Difference and Average temperature functions.
- Backlit display for easy readings in any environment.

TG-1000 Features:

- Laser spot indicator showing approximate center of target measurement area.

TG-2000 Features

- Wider Temperature range
- Higher distance-to-spot (D:S) Ratio for measuring smaller targets or at greater distances.
- Dual lasers indicate approximate diameter of target measurement area.

| SPECIFICATIONS | TG-1000 | TG-2000 |
|----------------|------------|------------|
| Range – °F | -76 ~ 1022 | -76 ~ 1157 |
| Range – °C | -60 ~ 500 | -60 ~ 625 |
| D:S Ratio | 12:1 | 16:1 |
| Laser | • | Dual |
| K-Type Contact | | • |
| Emissivity | .10 ~ 1.00 | .10 ~ 1.00 |
| Backlight | • | • |
| Alarms | Hi/Low | Hi/Low |

| CAT. NO. | UPC NO. | DESCRIPTION |
|------------------|---------|---------------------------------|
| N TG-1000 | 00103 | Infrared Thermometer |
| N TG-2000 | 00104 | Dual Laser Infrared Thermometer |

TEMPERATURE PROBES

Immersion Temperature Probe



- Suitable for liquids and gels.
- Measurement range: -40°F to 1472°F (-40°C to 800°C).
- Probe length: 4.72" ±0.2" (120 mm ±5 mm).
- Accuracy: ±2.2°C (4°F) or 0.75%, whichever is greater.
- Type K thermocouple.
- Lifetime Limited Warranty

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------------|
| TPI-1 | 06569 | Immersion Temperature Probe |

Bead Temperature Probe



- For surface and air/gas temperature measurement.
- Not suitable for liquids.
- Measurement range: -40°F to 399°F (-40°C to 204°C).
- Probe length: 39.4" ±0.2" (1 m ±5 mm).
- Type K thermocouple.
- Lifetime Limited Warranty

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------------|
| TPB | 07592 | Bead Temperature Probe |

Surface Temperature Probe



- For flat or slightly convex surfaces, perfect for measurement of hot rollers and plates.
- Measurement range: -40°F to 932°F (-40°C to 500°C).
- Probe length: 4.72" ±0.2" (120 mm ±5 mm).
- Accuracy: ±2.2°C (4°F) or 0.75%, whichever is greater.
- Type K thermocouple.
- Lifetime Limited Warranty

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------|
| TPSFC | 06570 | Surface Temperature Probe |

SPECIALTY TESTERS

Sound Level Meter



- Noise measurement adapted to dB(A) weighting.
- Compact and light, easy to take to any site.
- Accessories included: (1) 9V battery.
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|---------------|---|
| Capacity | Low – 35 to 80dB; High – 75 to 120dB |
| Audible Range | "A" Scale |
| Frequency | 20-20,000Hz |
| Weight | 8 oz. (227g) |
| Size | 6-3/8" x 2-1/2" x 1-1/2" (162 mm x 64 mm x 38 mm) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------|
| 93-20 | 34451 | Sound Level Meter |

Digital Light Meter



- Measures incandescent, fluorescent, metal halide, high-pressure sodium and halogen lamp output.
- Color and cosine-corrected for enhanced accuracy.
- Measures up to 50,000 lux.
- Peak and data hold means no lost measurements.
- Accessories included: (1) 9V battery and carrying case.
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|----------------------------------|--|
| Ranges | |
| Foot Candles | 0.01-5,000Fc (20/200/2,000/5,000) |
| Lux | 0.1-50,000 lux (200/2,000/20,000/50,000) |
| Accuracy | |
| Incandescent Light Source | ± 4% |
| Other Light Sources | ± 7% |
| Temperature Range | 0° to 40° C (32° to 104° F) |
| Sampling Rate | 2.5 times per second |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|---------------------|
| 93-172 | 06060 | Digital Light Meter |
| 93-172-C* | 07084* | Digital Light Meter |
| R 06200 | 06200 | Carrying Case |
| R 06061 | 06061 | Sensor |
| R 06083 | 06083 | Sensor Case |

* includes Certificate of Calibration

Gas Lamp Tester



- Test most fluorescent lamps, low pressure sodium vapor, high pressure sodium discharge lamps, neon tubes, mercury vapor and metal halide lamps.
- Checks starters, resistors, ignitors, capacitors and photo cells.
- Indicates AC/DC voltage and continuity.
- Includes detachable antenna, batteries, leads, probes, clamps and holster.
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|------------------|---|
| Capacity | Voltage – up to 500 VAC & VDC; Continuity – to 300 kΩ |
| Size | 6" x 2-3/4" x 1-3/4" (152 x 70 x 45 mm); Antenna – 27" (686 mm) |
| Weight | 2.4 lbs. (1.1 kg) |
| Batteries | 2-9V, included |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|----------------------------|
| 5715 | 34529 | Gas Lamp Tester |
| R 5713 | 34528 | Holster |
| R 35450 | 35450 | Battery Door |
| R 5710 | 34525 | Antenna |
| R 5786 | 34574 | Small Alligator Clamps (2) |
| R 5783 | 34556 | Push-on Probes (2) |

Lamp Tester



- Tests HID and fluorescent lamps.
- Live conductor sensing.
- Compact, rugged housing with carrying case (included).
- Accessories included: (1) 9V Battery
- Lifetime Limited Warranty

SPECIFICATIONS

| | |
|---------------------------|----------------------------------|
| Live Conductor Indication | 60-250VAC, 40-60Hz |
| Continuity Verification | 0-5MΩ (test current: <7μA) |
| Lamp Tester Voltage | 3kV/160kHz (test current:<200μA) |
| Measurement Category | CAT II, 250V |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| LT-100 | 07541 | Lamp Tester |
| TC-10 | 07534 | Deluxe Carrying Case |

ACCESSORIES

Fused Test Leads



- High breaking capacity fuse in each lead for safety.
- 39" (1 m) long flexible silicon insulated wire.
- Right angle meter plugs.
- Set of 2 leads, one black, one red.
- Measurement Category III, 1000V and CAT IV, 600V per CAN/CSA C22.2 No. 61010-1 and 61010-031, and UL-61010-1 and 61010-031.
- Lifetime Limited Warranty

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------|
| TFL-1 | 12028 | Fused Test Leads |
| TFL-1R | 12848 | (2) Replacement Fuses |

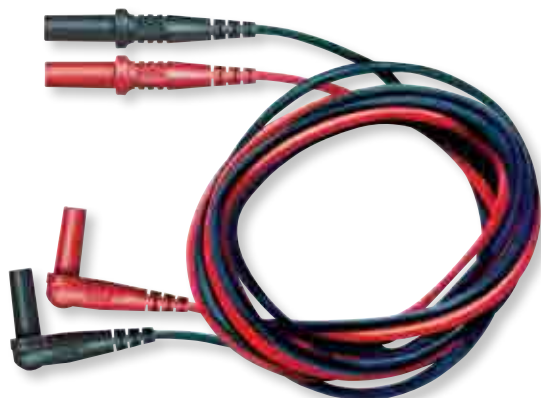
Test Lead Kit



- Kit contains: (1) 48" (1.2 m) long insulated test leads (TTL-3), (2) modular test probes.
- Measurement Category: CAT III, 1000V; CAT IV, 600V per UL 61010.
- Maximum current 10 amps.
- Lifetime Limited Warranty

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------|
| TLK-1 | 12035 | Test Lead Kit |

Insulated Test Leads



- 48" (1.2 m) long flexible silicon insulated wire.
- Straight and right-angle meter plugs.
- Set of 2 leads, one black, one red.
- For use with T-series Greenlee Test Instrument accessories.
- Measurement Category III, 1000V; CAT IV, 600V per UL-61010.
- Maximum current 10 amps.
- Lifetime Limited Warranty

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| TTL-2 | 07520 | Insulated Test Leads |

Sure-Grip Test Leads



- 39" (1 m) long flexible silicon insulated wire.
- Right-angle meter plugs.
- Comfort-grip overmolded probes.
- Gold plated tips for low contact resistance.
- Set of 2 leads, one black, one red.
- Measurement Category IV, 1000V per UL-61010
- Maximum current 10 amps.
- Lifetime Limited Warranty

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| TSG-3 | 12034 | Sure-Grip Test Leads |

93-30 Line Splitter (NEMA 5-15)



- For use with all models of clamp-on meters.
- Splits lines for independent testing with clamp-on meter.
- Lifetime Limited Warranty.

SPECIFICATIONS

| | |
|--------|----------------------------------|
| Size | 4-5/8" x 1-3/4" (118 mm x 45 mm) |
| Weight | 0.1 lb. (45g) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------------|
| 93-30 | 34452 | 93-30 Line Splitter (NEMA-5-15) |

Deluxe Carrying Case



- Durable nylon carrying case.
- Inside pocket for test leads.
- With carry strap and double-stitched belt loop.
- Lifetime Limited Warranty

SPECIFICATIONS

Size 7-3/4" x 3" x 1-1/2" (196.9 mm x 76.2 mm x 38.1 mm)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| TC-5 | 07588 | Deluxe Carrying Case |

Deluxe Carrying Case



- Durable nylon carrying case.
- Inside pocket for test leads.
- With carry strap and double-stitched belt loop.
- Lifetime Limited Warranty

SPECIFICATIONS

Size 9-3/8" x 3-1/2" x 2" (240 mm x 90 mm x 50 mm)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| TC-10 | 07534 | Deluxe Carrying Case |

Deluxe Carrying Case



- Durable nylon carrying case.
- Inside pocket for test leads.
- With carry strap and double-stitched belt loop.
- Lifetime Limited Warranty

SPECIFICATIONS

Size 11-1/4" x 3" x 2" (285.8 mm x 76.2 mm x 50.8 mm)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| TC-15 | 07595 | Deluxe Carrying Case |

Deluxe Carrying Case



- Durable nylon carrying case.
- Inside pocket for test leads.
- With carry strap and double-stitched belt loop.
- Lifetime Limited Warranty

SPECIFICATIONS

Size 11-1/4" x 4-1/2" x 2 1/8" (285 mm x 115 mm x 55 mm)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| TC-30 | 07536 | Deluxe Carrying Case |

Deluxe Carrying Case



- Durable nylon carrying case.
- Inside pocket for test leads.
- With carry strap and double-stitched belt loop.
- Lifetime Limited Warranty

SPECIFICATIONS

Size 9" x 6-1/4" x 2" (228.6 mm x 158.8 mm x 50.8 mm)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| TC-28 | 07715 | Deluxe Carrying Case |

Deluxe Carrying Case



- Durable nylon carrying case.
- Inside pocket for test leads.
- With carry strap and double-stitched belt loop.
- Lifetime Limited Warranty

SPECIFICATIONS

Size 7-3/4" x 6-1/4" x 2" (196.9 mm x 158.8 x 50.8 mm)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| TC-20 | 07535 | Deluxe Carrying Case |

Deluxe Carrying Case



- Durable nylon carrying case.
- Inside pocket for test leads.
- With carry strap and double-stitched belt loop.
- Lifetime Limited Warranty

SPECIFICATIONS

Size 7-1/4" x 5-1/2" x 2 3/4" (185 mm x 132 mm x 70 mm)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| TC-40 | 19216 | Deluxe Carrying Case |

Deluxe Carrying Case



- Durable nylon carrying case.
- Velcro open/close flap for easy access.
- Inside pocket for test leads.
- With carry strap and double-stitched belt loop.
- Lifetime Limited Warranty

SPECIFICATIONS

Size 8-1/4" x 6" x 2" (210 mm x 152 mm x 51 mm)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| TC-50 | 07746 | Deluxe Carrying Case |

Deluxe Carrying Case



- Durable nylon carrying case.
- Velcro open/close flap for easy access.
- Inside pocket for test leads.
- With carry strap and double-stitched belt loop.
- Lifetime Limited Warranty

SPECIFICATIONS

Size 11-1/2" x 6" x 2" (292.1 mm x 152.4 mm x 51 mm)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| TC-55 | 07747 | Deluxe Carrying Case |

Fuse Selection Guide

| SUITABLE FUSES | Bussman GDA-160mA Littelfuse 216.160 | Bussman GDA-315mA Littelfuse 216.315 | Bussman KTK-4/10 Littelfuse BLS-4/10 | Bussman DMM-B-44/100 Littelfuse FLU .44 Ferraz FSM44/100 | Bussman GDA-500mA Littelfuse 216.500 | Ferraz 500V FA 0.63A 6,3x32 Siba 189 020.0.630 | Ferraz 660V FA 0.63A 6,3x32 | Bussman AGC-10 | Bussman KTK-10 Littelfuse KLK-10 | Bussman DMM-B-11-A Littelfuse FLU011 Ferraz FSM11 | Ferraz 500V FA 12,5A 6,3x32 Siba 189 020/12.5 | Bussman KTK-15 Littelfuse KLK-15 |
|----------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|--------------------------------------|--|-----------------------------|----------------|----------------------------------|---|---|----------------------------------|
| AM-6 | | | | | • | | | | | | | |
| DM-20 | | • | | | | | | | | | | |
| DM-40 | | • | | | | | | | | | | |
| DM-45 | | | • | | | | | | • | | | |
| DM-60 | | • | | | | | | • | | | | |
| DM-65 | | | | • | | | | | | • | | |
| DM-200 | | | | | | • | | | | | • | |
| DM-200A | | | | | | • | | | • | | | |
| DM-210 | | | | | | • | | | | | • | |
| DM-210A | | | | | | • | | | • | | | |
| DM-310 | | | | | | | | | | | | • |
| DM-330 | | | | | | | | | | | | • |
| DM-350 | | | | | | | | | | | | • |
| DM-500 | | | | | | | | | | | | • |
| DM-510 | • | | | | | | | | | | | • |
| DM-510A | | | | | | • | | | • | | | |
| DM-800 | | | | • | | | | | | • | | |
| DM-810 | | | | • | | | | | | • | | |
| DM-810A | | | | • | | | | | | • | | |
| DM-820 | | | | • | | | | | | • | | |
| DM-820A | | | | • | | | | | | • | | |
| DM-830A | | | | • | | | | | | • | | |
| DM-860 | | | | • | | | | | | • | | |
| DM-860A | | | | • | | | | | | • | | |
| DML-430 | | | | • | | | | | | • | | |
| DML-430A | | | | • | | | | | | • | | |
| DML-54 | | | | • | | | | | | • | | |
| 5878 | | | | | | | • | | | | | |
| 5880 | | | | | | | • | | | | | |
| 5882 | | | | | | | • | | | | | |
| FUSE RATINGS | | | | | | | | | | | | |
| AMPERAGE | 160 mA | 315 mA | 400 mA | 0.44A | 500 mA | 0.63 A | 0.63 A | 10 A | 10 A | 11 A | 12.5A | 15 A |
| VOLTAGE | 250 V | 250 V | 600 V | 1000 V | 250 V | 500 V | 660 V | 250 V | 600 V | 1000 V | 500 V | 600 V |
| INTERRUPTING RATING (AMPS) | 1,500 | 1,500 | 10,000 | 10,000 | 1,500 | 150,000 | 30,000 | 200 | 100,000 | 10,000 | 20,000 | 100,000 |

| SOFTWARE COMPATIBILITY | | | |
|------------------------|---------|---------|--------|
| | DMSC-2U | DMSC-9U | DMSC-9 |
| DM-200 | • | | |
| DM-200A | • | | |
| DM-210 | • | | |
| DM-210A | • | | |
| DM-510A | • | | |
| DM-800 | | | • |
| DM-810 | | | • |
| DM-810A | | • | |
| DM-820 | | | • |
| DM-820A | | • | |
| DM-830A | | • | |
| DML-54 | | | • |
| DML-430 | | | • |
| DML-430A | | • | |

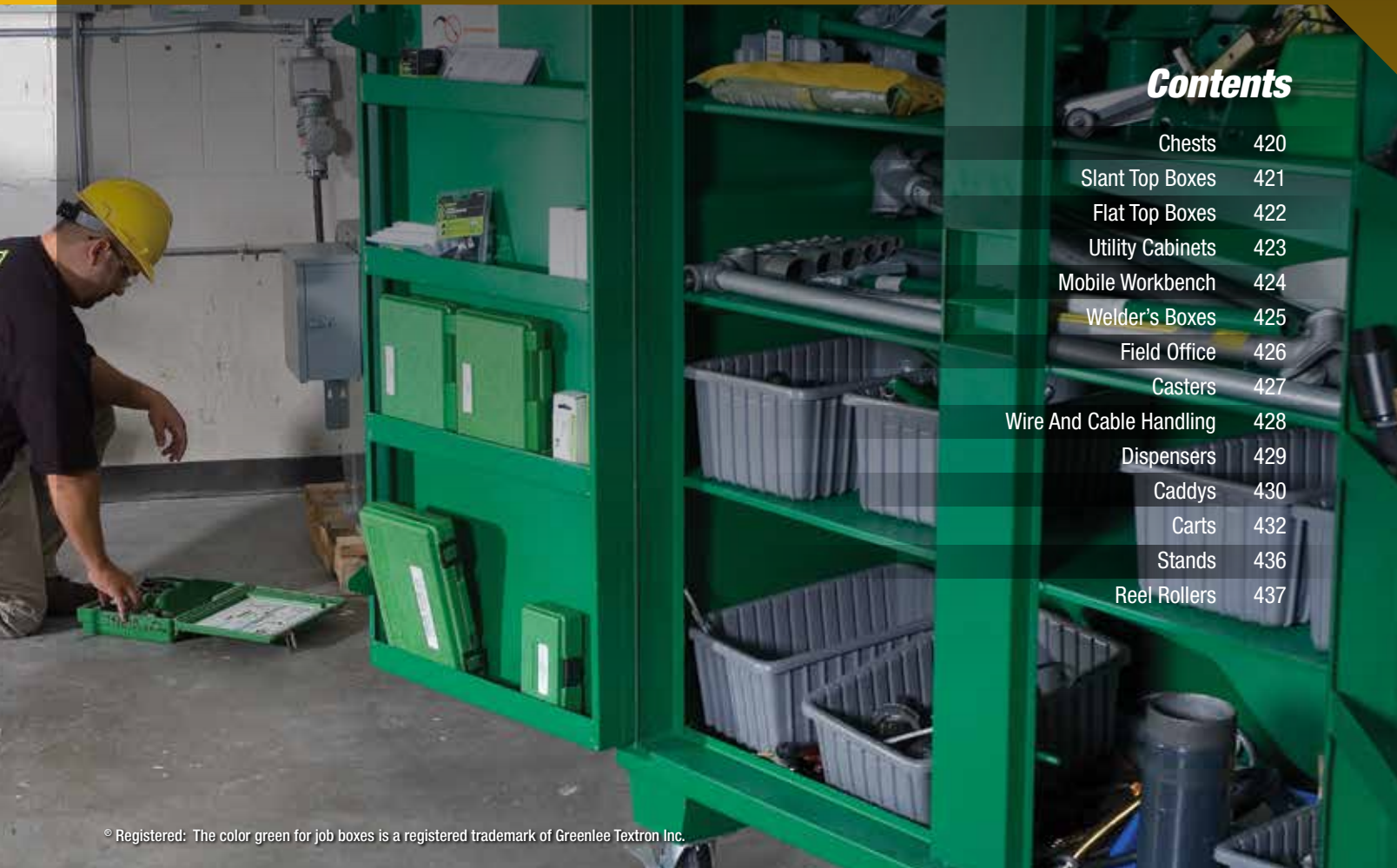
Instrument Case Compatibility

| CASE CATALOG NO. CASE UPC NO. | TC-5 07588 | TC-10 07534 | TC-20 07535 | TC-28 07715 | TC-30 07536 | TC-40 19216 | TC-50 07746 | TC-55 07747 |
|----------------------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| CM-330 | • | | | | | | | |
| CM-410 | • | | | | | | | |
| CM-450 | • | | | | | | | |
| CM-600 Series | | • | | | | | | |
| CM-800 Series | | • | | | | | | |
| CM-900 Series | | • | | | | | | |
| CM-1300 Series | | | | | • | | | |
| CM-1500 Series | | | | | • | | | |
| CMA-40 | • | | | | | | | |
| CMA-60 | | • | | | | | | |
| CMAF Series | | | • | • | | | | |
| CMI-100 | | | | | • | | • | |
| CMI-200 | | | | | • | | | • |
| CMP-200 | | | | | • | | | • |
| CMT-80 | • | | | | | | | |
| CMT-90 | | • | | | | | | |
| CSJ-100 | • | | | | | | | |
| DM-25 | | | | | | • | | |
| DM-45 | | | • | | | | | |
| DM-65 | | | • | | | | | |
| DM-200 Series | | | • | | | • | | |
| DM-300 Series | | | • | | | • | | |
| DM-500 Series | | | • | | | • | | |
| DM-800 Series | | | • | • | | | | |
| DML Series | | | • | • | | | | |
| GT-65 | • | | | | | | | |
| GT-95 | • | | | | | | | |
| GT-220 | | | • | | | • | | |
| GT-540 | | | • | | | • | | |
| LT-100 | | • | | | | | | |
| 2010 | | • | | | | | | |
| 5702 | | | • | | | | | |
| 5708 | | • | | | | • | | |
| 5779 | | | • | | | | | |



STORAGE & MATERIAL HANDLING

CONTRACTORS THE WORLD OVER RELY ON GREENLEE STORAGE AND MATERIAL HANDLING SOLUTIONS TO KEEP PRODUCT SAFE. FROM SMALL CHESTS TO LARGE FIELD OFFICES, AND NOW WITH NEWLY-DESIGNED ERGONOMIC FEATURES, GREENLEE STORAGE AND HANDLING SOLUTIONS ARE BUILT AS TOUGH AS THE TRADE.



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FAX 800.524.2853

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STORAGE

Chests



2460



Optional casters available for increased mobility.
See page 427 for options

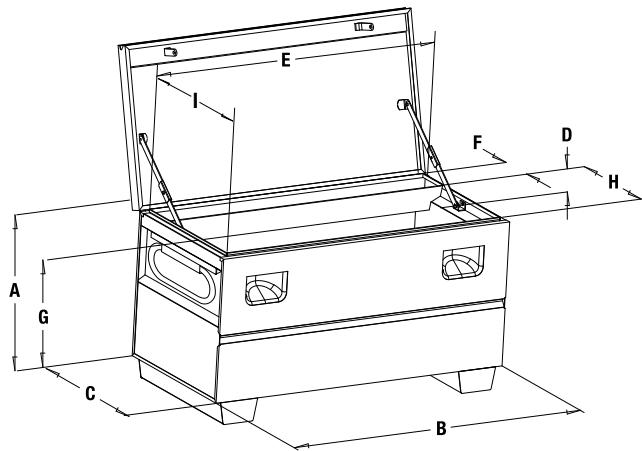
DIMENSIONS

| | A | B | C | D | E | F | G | H | I |
|-------|-----|-----|-----|----|-------|----|-----|-------|--------|
| 1332 | 14" | 32" | 19" | — | 29.5" | — | — | — | 16.75" |
| 1636 | 17" | 36" | 19" | — | 33.5" | — | — | — | 16.75" |
| 2142 | 20" | 42" | 20" | — | 39.5" | — | — | — | 17.75" |
| 2448 | 25" | 48" | 24" | 4" | 45.5" | 4" | 19" | 15.5" | 21.75" |
| 2448X | 25" | 48" | 24" | — | 45.5" | — | — | 15.5" | 21.75" |
| 2460 | 25" | 60" | 24" | 4" | 57.5" | 4" | 19" | 15.5" | 21.75" |
| 2460X | 25" | 60" | 24" | — | 57.5" | — | — | 15.5" | 21.75" |
| 3048 | 30" | 48" | 30" | 4" | 45.5" | 4" | 24" | 21.5" | 27.75" |
| 3048X | 30" | 48" | 30" | — | 45.5" | — | — | 21.5" | 27.75" |
| 2472 | 25" | 72" | 24" | 4" | 69.5" | 4" | 19" | 15.5" | 21.75" |
| 2472X | 25" | 72" | 24" | — | 69.5" | — | — | 15.5" | 21.75" |

- Recessed and concealed lock protectors for maximum security against drilling and cutting lock. (Model 1332 and 1636 one lock protector only.)
- Finger-groove lid handle for easy opening.
- Convenient storage tray on back wall for small items (Models 2448, 2460, 2472, 3048).
- "X" models do not include rear tray for larger opening.
- Heavy-duty piano hinges with non-removable pin.
- Patented, ergonomically designed fold-down recessed handles.
- Angled 3-1/2" high support skids feature threaded holes for easy caster installation.
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

SPECIFICATIONS

| | 1332 | 1636 | 2142 | 2448 | 2460 | 3048 | 2472 |
|--------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Capacity FT ³ | 4.9 | 6.7 | 9.7 | 16.6 | 20.8 | 25 | 25 |
| Weight | 78 lbs. (35 kg) | 101 lbs. (46 kg) | 124 lbs. (56 kg) | 159 lbs. (72 kg) | 184 lbs. (83 kg) | 200 lbs. (91 kg) | 214 lbs. (97 kg) |



| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------------|
| 1332 | 38717 | Storage chest without tray |
| 1636 | 38718 | Storage chest without tray |
| 2142 | 31651 | Storage chest without tray |
| 2448 | 23273 | Storage chest |
| 2448X | 00852 | Storage Chest without tray |
| 2460 | 23363 | Storage chest |
| 2460X | 00858 | Storage Chest without tray |
| 3048 | 23362 | Storage chest |
| 3048X | 00859 | Storage Chest without tray |
| 2472 | 07483 | Storage chest |
| 2472X | 00853 | Storage Chest without tray |

Slant-Top Boxes



3648



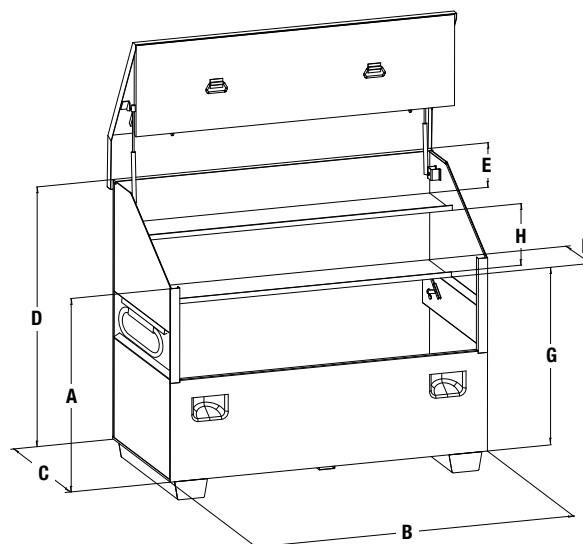
Hinged Lower Shelf



Optional casters available for increased mobility. See page 427 for options

- Large capacity storage with traditional slant-top design.
- Recessed and concealed lock protectors provide maximum security against drilling and cutting locks.
- Channel reinforcements on lid, lock side panels into lid for added security when closed.
- Hinged lower shelf enables storage of larger items.
- Angled 3-1/2" high support skids feature threaded holes for easy caster installation.
- Angled handle recess prevents pinch points.
- Features two reinforced steel shelves with large lip to prevent items from rolling off (Model 2260, one shelf only).
- Model 2260 comes with lid support to form waist-high, flat work area.
- Patented, ergonomically designed fold-down recessed handles.
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

| SPECIFICATIONS | 2260 | 3648 | 3660 |
|--------------------------|-------------------|-------------------|-------------------|
| Capacity FT ³ | 32 | 34 | 44 |
| Weight | 273 lbs. (124 kg) | 270 lbs. (123 kg) | 314 lbs. (142 kg) |



| DIMENSIONS | A | B | C | D | E | F | G | H |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 2260 | 32" | 22" | 32" | 36" | 12" | 12" | 21" | — |
| 3648 | 34" | 36" | 30" | 48" | 5" | 12" | 27" | 11" |
| 3660 | 44" | 36" | 30" | 48" | 5" | 12" | 27" | 11" |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------|
| 2260 | 23270 | Slant-top box |
| 3648 | 23276 | Slant-top box |
| 3660 | 23196 | Slant-top box |

Flat-Top Boxes



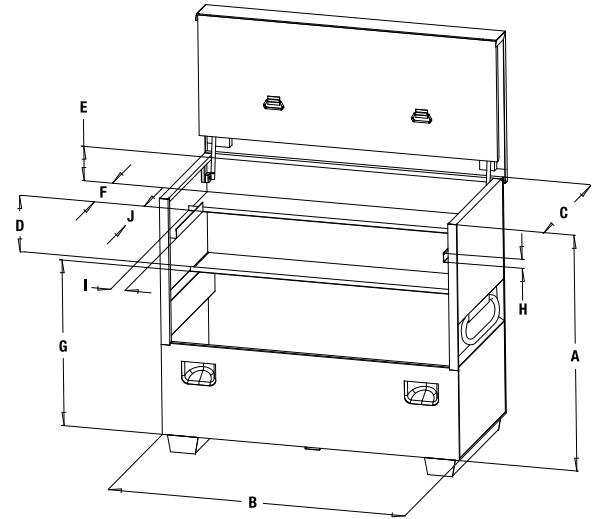
Hinged Lower Shelf



Optional casters available for increased mobility. See page 427 for options

- Flat-top design provides more storage capacity for tall, bulky items, plus a large work surface for jobsite plans.
- Recessed and concealed lock protectors for maximum security against drilling and cutting lock.
- Channel reinforcements on lid, lock side panels into lid for added security when closed.
- Hinged lower shelf allows for easy storage of larger objects (except Model 3360).
- Side-wall storage (except Model 3360).
- Double hinge cover folds up and out of the way.
- Angled 3-1/2" high support skids feature threaded holes for easy caster installation.
- Patented, ergonomically designed fold-down recessed handles.
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

| SPECIFICATIONS | 3360 | 4848 | 4860 | 4872 |
|--------------------------|----------------------|----------------------|----------------------|----------------------|
| Capacity FT ³ | 34.5 | 40 | 50 | 60 |
| Weight | 256 lbs. (116 kg) | 283 lbs. (128 kg) | 358 lbs. (162 kg) | 373 lbs. (169 kg) |



DIMENSIONS

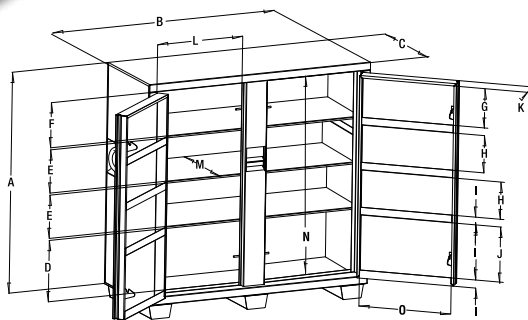
| | A | B | C | D | E | F | G | H | I | J |
|-------------|-----|-----|-----|-----|-------|-----|-----|----|----|-----|
| 3360 | 33" | 60" | 30" | — | 12.5" | 12" | 20" | — | — | — |
| 4848 | 48" | 48" | 30" | 11" | 7" | 12" | 27" | 2" | 3" | 17" |
| 4860 | 48" | 60" | 30" | 11" | 7" | 12" | 27" | 2" | 3" | 17" |
| 4872 | 48" | 72" | 30" | 11" | 7" | 12" | 27" | 2" | 3" | 17" |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------|
| 3360 | 38719 | Flat-Top box |
| 4848 | 35043 | Flat-Top box |
| 4860 | 35057 | Flat-Top box |
| 4872 | 07487 | Flat-Top box |

Utility Cabinets



5660LH



DIMENSIONS

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|--------|-----|-----|-----|-----|-------|-------|-----|-----|----|-----|----|-------|-------|-------|-----|
| 5660L | 56" | 60" | 24" | 15" | 10.5" | 11.5" | 10" | 10" | 2" | 14" | 3" | 23.5" | 20.5" | 50.5" | 24" |
| 5660LH | 56" | 60" | 24" | 15" | 10.5" | 11.5" | 10" | 10" | 2" | 14" | 3" | 23.5" | 20.5" | 50.5" | 24" |
| 5760TD | 56" | 60" | 30" | 15" | 10.5" | 11.5" | 10" | 10" | 2" | 14" | 3" | 23.5" | 26.5" | 50.5" | 24" |

- Recessed and concealed lock protectors for maximum security against drilling and cutting lock.
- Flush-mounted doors.
- Finger-groove door handles.
- Front-door storage.
- Large, lower storage areas for bigger items.
- Angled 3-1/2" high support skids feature threaded holes for easy caster installation.
- Three 3-1/2" high support skids.
- Weather-resistant design.
- Open storage for shovels, picks, brooms and other long-handled tools. (Model 5660LH only.)
- Patented, ergonomically designed fold-down recessed handles.
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

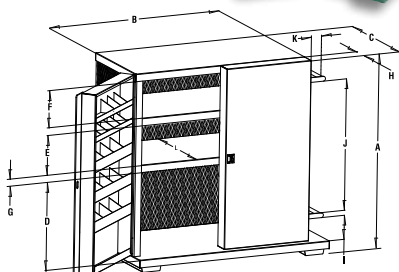
| SPECIFICATIONS | 5660L | 5660LH | 5760TD |
|--------------------------|-------------------|-------------------|-------------------|
| Capacity FT ³ | 46 | 46 | 59.3 |
| Weight | 389 lbs. (176 kg) | 375 lbs. (170 kg) | 441 lbs. (200 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------|
| 5660L | 38659 | Utility cabinet |
| 5660LH | 07486 | Utility cabinet |
| 5760TD | 07969 | Utility cabinet |



Optional casters available for increased mobility. See page 427 for options

Mesh Cabinet



- High-visibility mesh screen on three (3) sides.
- Forty-eight (48) smaller, individual compartments, enabling storage of smaller tools and accessories.
- Platform for long-handle tools.
- Sturdy handle for mobility.
- Supplied with two (2) swivel casters and two (2) rigid 4" (102 mm) casters for easy mobility (Model 696).
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

SPECIFICATIONS

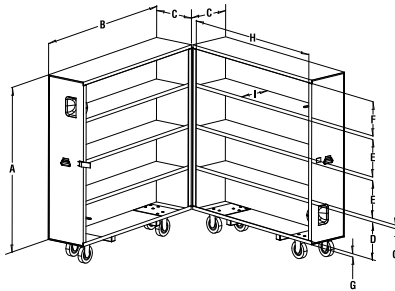
| | |
|--------------------------|-------------------|
| Capacity FT ³ | 37.3 |
| Weight | 401 lbs. (182 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------|
| 5060MESH | 04460 | Mesh cabinet |

DIMENSIONS

| A | B | C | D | E | F | G | H | I | J | K | L |
|-----|-----|-----|-----|-------|-----|----|----|----|-----|------|-----|
| 52" | 48" | 28" | 22" | 10.5" | 10" | 2" | 4" | 5" | 35" | 5.5" | 23" |

Bi-Fold Cabinet



- Maximum storage capacity with minimum floor space requirements.
- Four (4) individual 15" d. x 14-1/2" h. x 60" w. (381 x 368 x 1524 mm) storage compartments on each side.
- Reinforced steel shelves welded in place for added strength and durability.
- All shelves feature large front lip to keep small items from rolling off.
- Each bi-fold section is mounted on four casters for easy opening and closing.
- Six (6) swivel and two (2) rigid 6" (152 mm) casters included for easy mobility (Models 503 and 603).
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

SPECIFICATIONS

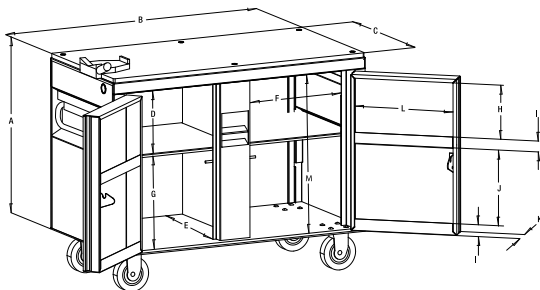
| | |
|--------------------------|-------------------|
| Capacity FT ³ | 60.4 |
| Weight | 549 lbs. (249 kg) |

DIMENSIONS

| A | B | C | D | E | F | G | H | I |
|-----|-----|-----|-----|-----|-----|----|-----|-------|
| 58" | 60" | 15" | 13" | 13" | 12" | 1" | 57" | 14.5" |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------|
| 5860 | 35068 | Bi-fold cabinet |
| 04339 | 04339 | Latch Repair Kit (5860) |
| 54997 | 54997 | Latch (5860) |
| 54998 | 54998 | Strike (5860) |
| 55124 | 55124 | Latch Threaded Rod (5860) |

Mobile Workbench



- Tough composition board work surface on top with built-in chain vise and telescoping wrench stop.
- Removable self-stored shelf enables storage of larger items.
- Supplied with two (2) locking swivel casters and two (2) rigid 6" (152 mm) casters for easy mobility (Model 703).
- Recessed and concealed lock protectors for maximum security against drilling and cutting lock.
- Finger-groove door handles.
- Large lower storage areas for bigger items.
- Continuous, non-removable hinge pins to prevent theft.
- Patented, ergonomically designed fold-down recessed handles.
- Recommend #1 and #5 Masterlock® padlocks or equivalent.
- Includes heavy-duty chain vise (3548 only)

SPECIFICATIONS

| | |
|--------------------------|-------------------|
| Capacity FT ³ | 20 |
| Weight | 293 lbs. (133 kg) |

DIMENSIONS

| A | B | C | D | E | F | G | H | I | J | K | L | M |
|-----|-----|-----|-----|-------|-------|-----|------|----|-----|----|-----|-----|
| 30" | 48" | 24" | 11" | 20.5" | 17.5" | 15" | 9.5" | 2" | 13" | 3" | 17" | 27" |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------|
| 3548 | 31229 | Mobile workbench |

Welder's Boxes



1230

- Protects small tools and supplies. Single lock hasp for use with padlock.
- Compact side handles for easy portability.
- Heavy-duty hinges, plus chain connector to hold lid in open position.
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

| SPECIFICATIONS | 1230 | 1531 |
|--------------------------|-----------------|-----------------|
| Capacity FT ³ | 3.3 | 4.8 |
| Height | 12" | 15" |
| Width | 30" | 31" |
| Depth | 16" | 18" |
| Weight | 42 lbs. (19 kg) | 52 lbs. (24 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------|
| 1230 | 31510 | Welder's box |
| 1531 | 23274 | Welder's box |
| 1223NS | 54498 | Heavy Duty Welder's box |

Field Office



- Slanted work surface with lockable, concealed storage area.
- Concealed lock protectors protect locks from drilling and cutting.
- Weather stripping on doors to help protect documents and tools from the elements.
- Lid with heavy-duty gas spring and a locking arm for ease of opening and safety.
- Shelving throughout, for organizing and storing jobsite tools and supplies.
- Grooved front doors for ease of opening and storage compartment access.
- Patented, ergonomically designed fold-down recessed handles.
- Continuous, non-removable pin hinges.
- Overlapping corners, rolled edges, and strategically placed reinforcements for added strength.
- Recommend #1 and #5 Masterlock padlocks or equivalent.
- Welded 16-gauge steel construction for durability.
- Transportable with forklift.
- Optional casters available for increased mobility.

SPECIFICATIONS

| | |
|--------------------------|-------------------|
| Capacity FT ³ | 60.4 |
| Weight | 549 lbs. (249 kg) |



Tamper-proof lock protectors (for upper and lower doors).

Slanted work surface with lockable, concealed storage area.

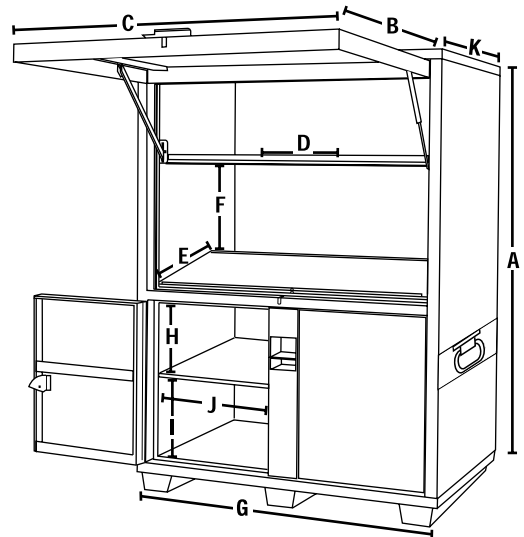
Door grooves provide a gripping surface for convenient opening.

Top door opens with a gas spring and is supported by a locking arm.

(Tools sold separately)



Optional casters available for increased mobility. See page 427 for options

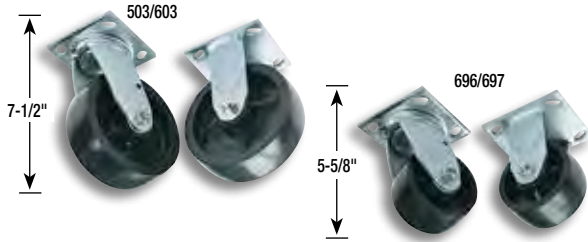


DIMENSIONS

| A | B | C | D | E | F | G | H | I | J | K |
|-----|-------|-------|-------|-------|-------|-----|-----|-------|-----|-----|
| 80" | 41.6" | 55.6" | 20.6" | 26.8" | 19.2" | 60" | 14" | 15.5" | 24" | 42" |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--------------|
| 8060-DLX | 04719 | Field Office |

Replacement Parts



- Caster bolt pattern 2-7/8" x 3-1/4".
- Polyolefin-injected molded hard casters: stain-resistant, chemical-resistant, and non-marking.

CASTER SELECTION CHART

| STORAGE BOX CAT. NO. | CASTER CAT NO. | | | |
|-------------------------|----------------|----------|----------|----------|
| | 503 | 603 | 703 | 696 |
| 1332 | ✓ | ✓ | ✓ | ✓ |
| 1636 | ✓ | ✓ | ✓ | ✓ |
| 2142 | ✓ | ✓ | ✓ | ✓ |
| 2448 | ✓ | ✓ | ✓ | ✓ |
| 2460 | ✓ | ✓ | ✓ | ✓ |
| 3048 | ✓ | ✓ | ✓ | ✓ |
| 2472 | ✓ | ✓ | ✓ | ✓ |
| 1230 | | | | |
| 1531 | | | | |
| 5060MESH | ✓ | ✓ | ✓ | Included |
| 3360 | ✓ | ✓ | ✓ | ✓ |
| 4848 | ✓ | ✓ | ✓ | ✓ |
| 4860 | ✓ | ✓ | ✓ | ✓ |
| 4872 | ✓ | ✓ | ✓ | ✓ |
| 2260 | ✓ | ✓ | ✓ | ✓ |
| 3648 | ✓ | ✓ | ✓ | ✓ |
| 3660 | ✓ | ✓ | ✓ | ✓ |
| 5660L | ✓ | ✓ | ✓ | ✓ |
| 5660LH | ✓ | ✓ | ✓ | ✓ |
| 5760TD | ✓ | ✓ | ✓ | ✓ |
| 5860 | Included | Included | ✓ | ✓ |
| 3548 | ✓ | ✓ | Included | ✓ |
| 8060DLX | ✓ | ✓ | ✓ | ✓ |

| SPECIFICATIONS | 503 | 603 | 703 | 696 | 697 |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Diameter | 6 in. (152 mm) | 6 in. (152 mm) | 6 in. (152 mm) | 4 in. (102 mm) | 4 in. (102 mm) |
| Tread | 2 in. (51 mm) | 2 in. (51 mm) | 2 in. (51 mm) | 2 in. (51 mm) | 2 in. (51 mm) |
| Capacity | 2000 lbs. (907 kg) | 2000 lbs. (907 kg) | 2000 lbs. (907 kg) | 1600 lbs. (726 kg) | 1600 lbs. (726 kg) |
| Ship Weight | 22 lbs. (10 kg) | 20 lbs. (9 kg) | 20 lbs. (9 kg) | 13 lbs. (6 kg) | 15 lbs. (7 kg) |

*Each caster set includes (16) 3/8-16 x 1" self-threading mounting screws.
 †Each caster set includes (16) 3/8-16 x 1" carriage bolts; (16) 3/8-16 hex nuts; (16) 3/8 lockwashers.
 Note: Screw/washer kit p/n 50062913 is necessary for mounting 703 casters on boxes other than 3548.

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 503* | 28044 | 4 Swivel |
| 603* | 23405 | 2 Rigid, 2 Swivel |
| 703† | 08420 | 2 Rigid, 2 Locking Swivel |
| 696* | 15341 | 2 Rigid, 2 Swivel |
| 697* | 89189 | 4 Swivel |
| 52025978 | 20965 | Lid Support – (L) Side |
| 52025979 | 20966 | Lid Support – (R) Side |
| 08428 | 08428 | 10 mm Gas Spring Ball Stud Replacement Kit (all Slant/Flat-Tops) |
| 53950 | 53950 | Gas Springs for 2260 |
| 53951 | 53951 | Gas Springs for 3360 only |
| 08427 | 08427 | 13 mm Gas Spring Ball Stud Replacement Kit (8060 DLX) |
| 55294 | 55294 | Replacement Gas Spring Kit – Shock and (2) Clips (8060 DLX) |
| 01886 | 01886 | Replacement Gas Spring Kit for 4872, 4848, 4860, 3648 & 3660 |

Greenlee Green Spray Touch-up Paint



- Closely matches Greenlee painted products.

SPECIFICATIONS

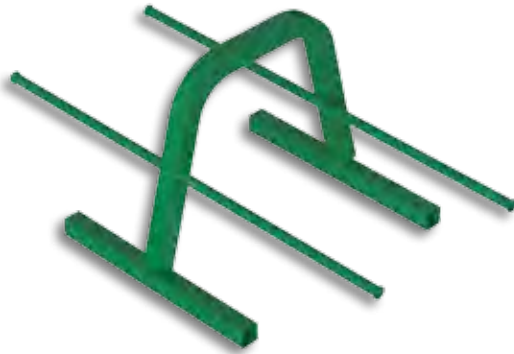
Weight 1.2 lbs. (.5 kg)

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 22618 | 22618 | 13 oz. (384 ml) Aerosol Can of Greenlee Green Spray Paint |
| 10378 | 10378 | 13 oz. (384 ml) Aerosol Can of Greenlee Flat Green Spray Paint* |

NOTE: The color green is a registered trademark for Test Instruments, Job Boxes, Benders and Pulling Equipment.
 *For Storage Boxes

WIRE AND CABLE HANDLING

Hand Caddy



- Holds four 500' (152.4 m) spools of #10 AWG (7" dia. by 6"-10" wide)
- Holds up to eight 500' (152.4 m) spools of #12 AWG (7" dia. x 5" wide)
- 3/8" (9.5 mm) diameter solid steel spool support spindles.
- Spool retaining washers on spindles.
- Pinless design eliminates loose parts.

SPECIFICATIONS

| | |
|-----------------|---|
| Size | 10-1/2" (267 mm) H x 14" (356 mm) W x 22.5" (572 mm) L |
| Capacity | Eight 500' (152.4 m) spools of #12 AWG; Four 500' (152.4 m) spools of #10 AWG Maximum Spool Diameter: 9" (229 mm) Maximum Spool Width: 10.5" (266 mm) |
| Weight | 5 lbs. (2 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------|
| 9502 | 08187 | Hand Caddy |

Data Cable Caddy



- Width is ideal for large diameter spools of coax, data and communications cable.
- Especially handy for 6" (152 mm) wide and up to 19" (483 mm) diameter spools.
- Folds down for easy storage.
- Pinless design eliminates loose parts.

SPECIFICATIONS

| | |
|-----------------|--|
| Size | 21" (533 mm) L x 28-1/2" (724 mm) W x 11-1/2" (292 mm) H |
| Capacity | Maximum Total Spool Weight: 100 lbs. (45 kg) Maximum Spool Diameter: 19" (483 mm) Maximum Spool Width: 24.50" (622 mm) |
| Weight | 11 lbs. (5 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|------------------|
| 9520 | 01228 | Data Cable Caddy |

BX-Armored Coiled Cable Dispenser



- Dispense armored cable, flexible conduit, Greenfield® or NM-B cable fast and easy without twists or tangles.
- Base rotates to dispense the cable without overpulling.
- Large pulling eye rotates freely and can be used as a carrying handle when the dispenser is empty.

SPECIFICATIONS

| | |
|-----------------|---|
| Size | 13-1/2" (343 mm) H x 26" (660 mm) diameter |
| Capacity | One 250' (76 m) coil of 14/2, 14/3, 12/2, or 12/3 armored cable or romex. |
| Weight | 32 lbs. (14 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------|
| 37218 | 37218 | Armored Cable Dispenser |

Caddy Basket Cable Dispenser



9525

STUD MOUNT CADDY

- Fits both 2x4 and 2x6 studs.
- Dispense coils of NM-B or armored cable.
- Swivel eyelet eliminates tangles.

SPECIFICATIONS

| | |
|---------------------|---|
| Size | 29-1/2" (749 mm) H x 20-3/4" (527 mm) W |
| Max Capacity | 100 lbs. (45.4 kg) |
| Weight | 10.5 lbs. (4.8 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|----------------------|
| 9525 | 02070 | Stud Mount Dispenser |

Hanging Cable Dispenser



- Hangs virtually anywhere
- Rugged aluminum, steel, and nylon construction
- Collapses for easy storage
- Storage bag included

SPECIFICATIONS

| | |
|----------------------|------------------------------------|
| Length Set Up | 37-1/2" (953 mm) |
| Width Set Up | 23-1/2" (597 mm) |
| Capacity | 250' of NM or MC cable up to 75 lb |
| Weight | 3-1/2 lbs. (1.6 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------------|
| 9522 | 12671 | Hanging Cable Dispenser |

Deluxe Wire Caddy



- All welded steel frame.
- 6 wire spool axles with spring clip locks.
- Collapsible wire guide.
- Swivel caster set with two (2) locking casters for easy use.

SPECIFICATIONS

| | |
|-----------------|---|
| Size | 16" (406 mm) L x 26" (660 mm) W x 17-1/2" (444 mm) H |
| Capacity | Six 500' (152 m) spools up to 8" (203 mm) in diameter of #6 thru #10 AWG Maximum Spool Width: 2 x 8.5" (215 mm), 4 x 12.13" (308 mm) |
| Weight | 14.8 lbs. (6.7 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 906 | 33026 | Wire Caddy with Casters and Wire Guide |
| 33405 | 33405 | Caster Set (2 swivel, 2 swivel lock) |
| 50303 | 50303 | Hitch Clip |

6-Spindle Wire Caddy



- All steel welded frame with 6 reel spindles and feeding eye.
- Angled spindles keep reels in place without locks and help brake the reel while paying out.
- Mobile, two (2) fixed wheels and one (1) that swivels and locks, allow easy movement and control.
- Fits through a 30" (762 mm) doorway.

SPECIFICATIONS

| | |
|-----------------|--|
| Size | 39" (990 mm) L x 30" (762 mm) W x 31" (787 mm) H. |
| Capacity | Six 2,500' (762 m) spools up to 18" (457 mm) in diameter. Maximum Spool Width: 13" (330 mm) |
| Weight | 88 lbs. (40 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-------------------|
| 909 | 22875 | Wire Dispenser |
| 52284 | 52284 | Swivel Caster (1) |
| 52285 | 52285 | Wheel (2) |

6-Reel Caddy



- Holds up to six (6) 2,500' (762 m) spools of #14, #12, or #10 AWG wire.
- Folds for easy storage.
- Two (2) fixed wheels and two (2) locking swivel casters for easy portability.
- Pinless design eliminates loose parts.

SPECIFICATIONS

| | |
|-----------------|---|
| Size | 41" (1041 mm) H x 32" (813 mm) W |
| Capacity | Six (6) 2500' (762 m) spools of #10 AWG wire Maximum Total Spool Weight: 450 lbs. (204 kg) Maximum Spool Diameter: 15" (380 mm) Maximum Spool Width: 14.75" (375 mm) |
| Weight | 75 lbs. (34 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--------------------|
| 9517 | 01225 | 6-Reel Caddy |
| R 01221 | 01221 | Replacement Caster |
| R 01220 | 01220 | Replacement Wheel |

10-Reel Caddy



- Spindle sleeves to facilitate easier pay-out of wire.
- Holds up to ten (10) 2,500' (762 m) spools of #10 AWG wire.
- Folds down for easy storage.
- Two (2) fixed wheels and two (2) locking swivel casters for easy portability.
- Pinless design eliminates loose parts.

SPECIFICATIONS

| | |
|-----------------|---|
| Size | 48" (1219 mm) H x 32" (813 mm) W |
| Capacity | Maximum Total Spool Quantity - Ten (10) 2500' (762 m) spools of #10 AWG wire Maximum Total Spool Weight: 750 lbs. (340 kg) Maximum Spool Diameter: 15" (380 mm) Maximum Spool Width: 14.63" (370 mm) |
| Weight | 101 lbs. (46 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|--------------------|
| 9516 | 01222 | 10-Reel Caddy |
| R 01221 | 01221 | Replacement Caster |
| R 01220 | 01220 | Replacement Wheel |

Wire Dispenser



- All welded steel construction.
- Includes two (2) fixed and two (2) swivel locking heavy-duty casters.
- The spool rack consists of ten (10) spindles and an adjustable guide loop, and can be turned 360° independent of the base.
- Spindles are angled to contain reels and act as a brake while paying out wire.
- Fits through a 32" (812 mm) opening.

SPECIFICATIONS

| | |
|-----------------|---|
| Size | 36-1/4" (921 mm) L x 31-1/2" (800 mm) W x 59" (1499 mm) H. |
| Capacity | Ten (10) 2500' (762 m) spools up to 18" (457 mm) in diameter. Maximum Spool Width: 14.18" (360 mm) |
| Weight | 196 lbs. (89 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|-----------------|
| 910 | 21982 | Wire Dispenser |
| R 51488 | 51488 | Caster (Rigid) |
| R 53259 | 53259 | Caster (Swivel) |

Hand Truck / Wire Cart



- Holds up to twelve (12) spools of #12 AWG wire or eight (8) spools of #10 AWG wire.
- Pinless design eliminates loose parts.
- Four (4) solid steel 1/2" (13 mm) spindles included.
- Lay cart flat when dispensing wire. Upright for use as hand truck.

SPECIFICATIONS

| | |
|-----------------|---|
| Size | 48" (1219 mm) H x 28-1/4" (718 mm) W |
| Capacity | Maximum Total Spool Weight: 200 lbs. (90.7 kg) 4000' (1219 m) # 10 AWG wire Maximum Spool Diameter: 7.5" (190 mm) Dolly Lift (Maximum): 250 lbs. (113 kg) Maximum Spool Width: 18" (457 mm) |
| Weight | 32 lbs. (14 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------|
| 9505 | 01205 | Hand Truck Caddy |
| 01207 | 01207 | Spindle (9505/9510) |

Deluxe A-Frame Wire Cart



- Holds up to twenty four (24) spools of #12 AWG wire or sixteen (16) spools of #10 AWG wire.
- Folds for easy storage.
- Pinless design eliminates loose parts.
- Eight (8) solid steel 1/2" (12.7 mm) spindles included.

SPECIFICATIONS

| | |
|-----------------|---|
| Size | 48" (1219 mm) H x 28-1/4" (718 mm) W |
| Capacity | Maximum Total Spool Weight: 400 lbs. (181 kg) Maximum Spool Diameter: 7.5" (190 mm) Maximum Spool Width: 18" (457 mm) |
| Weight | 47 lbs. (21 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------------|
| 9510 | 01214 | Deluxe A-Frame Mobile Caddy |
| 01207 | 01207 | Spindle (9505/9510) |

Hand Truck / Wire Cart



- Heavy-duty wheels for durability and easy transporting.
- Only 24" (609 mm) wide to fit through narrow doorways.
- Comes with five 5/8" (16 mm) diameter reel spindles for storing and dispensing up to fifteen spools of #14 wire.
- Storage space for three (3) spindles and clips eliminates loose parts when they are not in use.
- Expander kit available to increase capacity by 60%.

SPECIFICATIONS

| | | |
|---------------|-------|---|
| Size | 38733 | 46" (1168 mm) H x 24" (609 mm) W x 22-1/2" (571 mm) D |
| | 10462 | 41" (1041 mm) H x 12-5/8" (321 mm) W |
| Weight | 38733 | 58 lbs. (26 kg) |
| | 10462 | 15.7 lbs. (7 kg) |

WIRE CAPACITY CHART

| NUMBER OF SPOOLS | | MAXIMUM SPOOL DIAMETER | MAXIMUM SPOOL WIDTH | TYPICAL WIRE LENGTH |
|------------------|---------------------|------------------------|---------------------|---------------------|
| 38733 WIRE CART | WITH 10462 EXPANDER | | | |
| 15 | 24 | 7" (178 mm) | 5-3/8" (137 mm) | 500 ft. (152 m) |
| 10 | 16 | 7" (178 mm) | 8" (203 mm) | 500 ft. (152 m) |
| 3 | 5 | 12" (305 mm) | 16-3/8" (416 mm) | 2,500 ft. (762 m) |
| 3 | 3 | 14" (356 mm) | 16-3/8" (416 mm) | 2,500 ft. (762 m) |
| 2 | 2 | 22" (559 mm) | 16-3/8" (416 mm) | 1,000 ft. (305 m) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|----------------------|
| 38733 | 38733 | Hand Truck Wire Cart |
| A 10462 | 10462 | Expander Kit |
| R 50303 | 50303 | Hitch Clip |
| R 38774 | 38774 | Spindle (38733) |

Wire Cart



- Large capacity, excellent for storing, transporting or feeding wire.
- Save space, use and store vertically or horizontally.
- Five (5) strong reel axles with spring clip retainers plus two (2) positions for axle storage allows you to configure for large reels with no loose parts.
- Strong, yet lightweight, tubular steel welded construction with rugged 8" (203 mm) wheels.
- Will pass through a 28" (711 mm) opening.

SPECIFICATIONS

| | |
|-----------------|--|
| Size | 54-1/2" (1384 mm) L x 27" (685 mm) W x 26-1/2" (673 mm) H when horizontal |
| Capacity | Six (6) 2,500' (762 m) spools up to 16" (406 mm) in diameter Fifteen (15) 500' (152 m) spools up to 8" (203 mm) in diameter Max. Spool Weight: 550 lbs. Maximum Spool Width: 24" (610 mm) |
| Weight | 62 lbs. (28 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------------|---------|------------------------------|
| 911 | 31518 | Wire Cart |
| R 31523 | 31523 | Reel Shaft for 911 Wire Cart |
| R 50303 | 50303 | Hitch Clip |

Cable Reel Transporter



- All steel welded frame with heavy-duty wheels.
- Unique design provides easy setup for cable payout.
- Handle folds to save space when using as a dispenser.

SPECIFICATIONS

| | |
|-----------------|---|
| Size | 63" (1600 mm) L x 29-7/8" (759 mm) W x 26-3/4" (679 mm) H when horizontal |
| Capacity | Reels of cable or BX up to 20" (508 mm) W and 40" (1016 mm) in diameter maximum total reel weight 300 lbs. (136 kg) |
| Weight | 110 lbs. (50 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------------|
| 916 | 32935 | Cable Reel Transporter |
| 33035 | 33035 | Spindle for 916 Transporter |
| 52466 | 52466 | Wheel Kit (2) |

Conduit and Pipe Storage Rack



- Easily stacks for storage and transportation of multiple units
- High strength steel frame holds up to 1000 lbs of material
- Heavy-Duty 6" casters (2 rigid, 2 swivel)
- Foldable material trees
- Stacking block securely fits in tree stock to prevent tumbling

SPECIFICATIONS

| | |
|--------------------|---|
| Capacity | 1000 lbs. (454 kg) |
| Dimensions | 58-1/2" (1486 mm) long x 34" (864 mm) wide x 63-1/2" (1613 mm) high |
| Folded Down | 58-1/2" (1486 mm) long x 34" (864 mm) wide x 19" (483 mm) high |
| Weight | 113 lbs. (51 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---|
| 668 | 15343 | Mobile Conduit and Pipe Rack with 603 casters |
| 503 | 28044 | 6" (152 mm) Diameter Caster Set, 4 Swivel |
| 603 | 23405 | 6" (152 mm) Diameter Caster Set, 2 Swivel and 2 Rigid |

Pipe Cart



- Easy, one-person operation saves time and money.
- Move standard 20 ft. (6.1 m) lengths of pipe.
- Large 3" x 12" (76 mm x 305 mm) wheels.
- Heavy-duty steel construction for long service life.

SPECIFICATIONS

| | |
|-----------------|--|
| Capacity | 20" (508 mm) Diameter – 1000 lbs. (454 kg) |
|-----------------|--|

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|---------------------------|
| 36745 | 36745 | Pipe Cart |
| 02182 | 02182 | Wheel Replacement Kit (1) |

Rope Stands

- Use to organize and rewind rope.
- Welded steel with washer and spring clip to hold rope reel on stand.



654



405

See page 207
for rope

| ROPE DIAMETER | UPS NO. | 3/16" 4.8 MM | 1/4" 6.4 MM | 3/8" 9.5 MM | 1/2" 12.7 MM | 9/16" 14.3 MM | 5/8" 15.9 MM | 3/4" 19.1 MM | 7/8" 22.2 MM |
|--|--------------|-----------------|----------------|----------------|-----------------|------------------|-----------------|-----------------|-----------------|
| 405 Rope Stand 250' (76 m) Rope 600' (182 m) Rope | 21546 | ✓ | ✓ | | | | | | |
| | | ✓ | | | | | | | |
| 406 Rope Stand 300' (91 m) Rope 600' (182 m) Rope 1,000' (305 m) Rope 3,000' (914 m) Conduit Measuring Tape Measuring Tape Cat./UPC No. | 21550 | | ✓ | ✓ | ✓ | | | | |
| | | ✓ | ✓ | ✓ | ✓ | | | | |
| 644 Rope Stand 300' (91 m) 600' (182 m) 1,200' (365 m) | 15316 | | | ✓ | ✓ | ✓ | ✓ | | |
| | | | | | ✓ | | | ✓ | |
| 654 Rope Stand 300' (91 m) 600' (182 m) | 34362 | | | | | | | ✓ | ✓ |
| | | | | | | | | ✓ | ✓ |

SPECIFICATIONS

| rope stand model | weight | spindle diameter | maximum reel diameter | maximum reel width |
|------------------|--------------------|------------------|-----------------------|--------------------|
| 405 | 5.2 lbs (2.4 kg) | 1.50" (38 mm) | 10" | 6" |
| 406 | 7.8 lbs (3.5 kg) | 0.62" (16 mm) | 13" | 9" |
| 644 | 11 lbs (5 kg) | 1.50" (38 mm) | 17" | 16" |
| 654 | 32.1 lbs (14.6 kg) | 1.90" (48 mm) | 24" | 19" |

Screw-Type Reel Stands






683

- Wide, welded steel base for added stability with four 5/8" mounting holes.
- Rollers fit in the spindle groove to keep the spindle in place and turning freely.
- Two stands and a spindle are required for a complete setup.

SPECIFICATIONS

| | |
|-----------------|---|
| Size | 683 - 24" × 21" (610 × 533 mm) base; 54" (1372 mm) maximum height 687 - 15" × 15" (381 × 381 mm) base; 28" (711 mm) maximum height |
| Capacity | 683 - 2,500 lbs. (1134 kg) each, 46" - 96" (1168 × 2438 mm) reel diameter 687 - 2,500 lbs. (1134 kg) each, 28" - 56" (711 × 1422 mm) reel diameter |
| Weight | 683 - 42 lbs. (19 kg) 687 - 22 lbs. (10 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|---|---------|--------------------------------------|
| 683 | 15372 | Reel Stand 22" - 54" (559 - 1372 mm) |
| 687 | 17076 | Reel Stand 13" - 27" (330 - 711 mm) |
|  684 | 15375 | Spindle for 683 Reel Stand |
|  647 | 15321 | Spindle for 687 Reel Stand |
|  25591 | 25591 | Stop Pin (683 - 2; 687 - 1) |



Ratchet-Type Reel Stand



- Ratchet mechanism to easily raise or lower the height.
- Rollers fit in the spindle groove to keep the spindle in place and turning freely.
- Two stands and a spindle are required for a complete setup.

SPECIFICATIONS

| | |
|-----------------|---|
| Size | 24-1/2" × 23" (622 mm × 584 mm) base; 46-5/8" (1184 mm) maximum height |
| Capacity | 5,000 lbs. (2268 kg) each 58" - 90" (1473 mm - 2286 mm) reel diameter |
| Weight | 87 lbs. (39 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|---|---------|---|
| 656 | 21979 | Ratchet Reel Stand 28" - 46-5/8" (711 mm - 1184 mm) |
|  657 | 21980 | Spindle for 656 Reel Stand |
|  30291 | 30291 | Handle with Grip |

Reel Stand Spindles



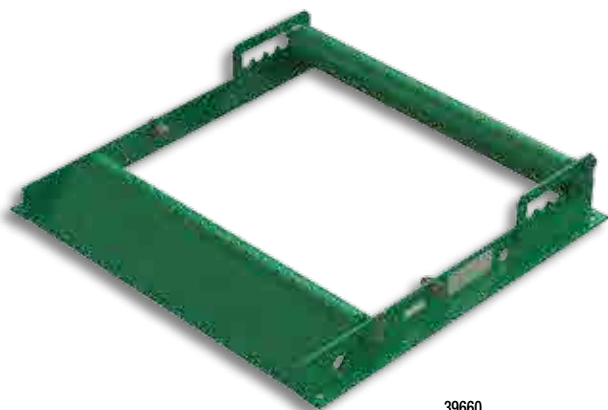
- Steel spindles with grooves to fit reel stand rollers.

SPECIFICATIONS

| | |
|-----------------|--|
| Size | 647 - 2-3/8" diameter x 62" (60 x 1575 mm) 657 - 3-1/2" diameter x 100" (89 x 2540 mm) 684 - 2-3/8" diameter x 76" (60 x 1930 mm) |
| Capacity | 647 - 5,000 lbs. (2268 kg) 59" (1500 mm) between grooves 657 - 7,500 lbs. (2388 kg) 94" (2540 mm) between grooves 684 - 5,000 lbs. (2268 kg) 73" (1854 mm) between grooves |
| Weight | 647 - 42 lbs. (19 kg) 657 - 124 lbs. (56 kg) 684 - 50 lbs. (23 kg) |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|-----------------------------------|
| 647 | 15321 | Spindle for 687 Reel Stand |
| 657 | 21980 | Spindle for 656 Reel Stand (only) |
| 684 | 15375 | Spindle for 683 Reel Stand |

Reel Rollers



39660



39661

- Heavy-duty welded steel construction.
- Built-in loading ramps.
- Adjustable to various reel widths and diameters. (21" dia. min.)
- Roller locks for unloading.
- Side ball rollers for centering.
- Fast, convenient ground-level setup for paying out large cable reels.

SPECIFICATIONS

| Size | 39660 - 32" (813 mm) L x 34" (864 mm) W, 87 lbs. (39 kg) |
|----------|--|
| | 39661 - 32" (813 mm) L x 11" (279 mm) W, 45 lbs. (20 kg) |
| | 39664 - 48" (1067 mm) L, 9 lbs. (4 kg) |
| | 39666 - 32" (813 mm) L x 48" (1219 mm) W, 99 lbs. (45 kg) |
| Capacity | 39660 - 2,500 lbs. (1134 kg) 30" (762 mm) max reel width |
| | 39661 - 2,000 lbs. (902 kg) per pair, 42" (1067 mm) max reel width |
| | 39666 - 2,000 lbs. (902 kg) 42" (1067 mm) max reel width |

| CAT. NO. | UPC NO. | DESCRIPTION |
|----------|---------|--|
| 39660 | 39660 | Reel Roller, single platform roller |
| 39661 | 39661 | Reel Roller, single (two required) |
| 39664 | 39664 | Spreader Kit, two 48" spreader bars |
| 39666 | 39666 | Reel Roller Kit, (includes two 39661 rollers and one 39664 spreader kit) |

Greenlee Green Spray Touch-up Paint



- Closely matches Greenlee painted products.

| CAT. NO. | UPC NO. | DESCRIPTION | WEIGHT | |
|----------|---------|---|--------|----|
| | | | LBS. | KG |
| 22618 | 22618 | 13 oz. (384 ml) Aerosol Can of Greenlee Green Spray Paint | 1.2 | .5 |
| 10378 | 10378 | 13 oz. (384 ml) Aerosol Can of Greenlee Flat Green Spray Paint* | 1.2 | .5 |

*NOTE: The color green is a registered trademark for Test Instruments, Job Boxes, Benders and Pulling Equipment.
Storage Box

NOTES



PLUMBING



GREENLEE AND ROTHENBERGER OFFER A FULL MIX OF PLUMBING AND PIPE-FITTING TOOLS. FROM HAND-HELD PVC CUTTERS TO POWERFUL PIPE THREADERS, TRUST GREENLEE AND ROTHENBERGER FOR THE BEST SELECTION OF TOOLS FOR THE JOB.

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POWER BENDERS

ROBEND® 3000



Set includes basic ROBEND® unit, guide shoe axle (25743), bending formers and guide shoes for corresponding tube diameters, adapter for tri-pod base, plastic case.



25001

Tough, portable power bender. Universal applications in plumbing, heating, refrigeration, climate control, and industrial systems. Eliminates purchase and storage of fittings.

Cold bending up to 180°, manually or automatically, of tubes made of:

- Soft, semi-hard, hard copper, DIN EN 1057, dia. 1/2" – 1-1/8" (12 mm – 28 mm)
 - Coated copper, precision steel, dia. 1/2" – 1-1/8" (12 mm – 28 mm)
 - Soft, half-hard, hard precision steel, DIN 2391/2393/2394, dia. 1/2" – 1-1/8" (12 mm – 28 mm)
 - Threaded steel, DIN 2440/2441, dia. 1/2" – 1-1/8" (12 mm – 28 mm)
 - Seamless stainless steel GW 541, wall thickness 0.04" – 0.05" (1.0mm – 1.2mm), dia. 1/2" – 1-1/8" (12 mm – 28 mm)
 - Coated steel tubes MPS-H heating type, DIN EN 2394, dia. 1/2" – 1-1/8" (14 mm – 30 mm)
- Forged aluminum former with bending radius scale
 - Special ROLUB guide shoe reduces friction for bending without deformation and wrinkles
 - Powerful 1010 W motor: Ideal for use on construction sites
 - Automatically shuts off when preset bending angle is obtained for fast batch production

| CAT. NO. | DESCRIPTION | BENDING RADIUS | LB |
|----------|---|----------------|------|
| 25001 | ROBEND® 3000 Set 1/2", 5/8", 3/4", 7/8", 1 1/8" | | 30.0 |
| 25652R | Bending Formers: 1/2" O.D. Copper | 1.77" | 5.0 |
| 25616 | Bending Formers: 5/8" O.D. Copper | 2.20" | 5.0 |
| 25619 | Bending Formers: 3/4" O.D. Copper | 3.15" | 5.0 |
| 25622 | Bending Formers: 7/8" O.D. Copper | 3.46" | 6.0 |
| 25625 | Bending Formers: 1" O.D. Copper | 4.41" | 5.0 |
| 25626 | Bending Formers: 1 1/8" O.D. Copper | 4.41" | 6.0 |
| 25120 | Bending spray 5.3oz (150 ml) | | 0.5 |
| 58182 | Tripod | | 16.5 |

Tube Bender Maxi



Set includes basic tool (23000), bending formers (3/2", 1/2", 5/8", 3/4", 7/8"), and carry case.

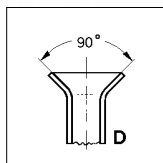


23022X

- Body made of diecast steel: Tough and long-lasting
- Plastic bending formers and supports with low friction for optimum bending results
- Open bending frame for production of repeated alternate angled bends
- Universal supports for bending of copper or non-coated tubes
- Pliers with bayonet catch: bending formers easily changeable

| CAT. NO. | DESCRIPTION | BENDING RADIUS | LB |
|----------|--|----------------|-----|
| 23022X | MAXI BENDER Set 3/2", 1/2", 5/8", 3/4", 7/8" | | 8.5 |
| 23064 | MAXI BENDER MSR Set 1/2", 3/4", 1", Viega FostaPex | | 8.5 |
| 23000 | MAXI BENDER Tool only | | 2.1 |
| 23010 | Bending Formers: 3/8" O.D. Copper/Aluminum | 1.38" | 0.2 |
| 23011 | Bending Formers: 1/2" O.D. Copper/Aluminum | 1.38" | 0.2 |
| 23012 | Bending Formers: 5/8" O.D. Copper/Aluminum | 1.93" | 0.3 |
| 23013 | Bending Formers: 3/4" O.D. Copper/Aluminum | 2.91" | 0.3 |
| 23014 | Bending Formers: 7/8" O.D. Copper/Aluminum | 3.43" | 0.4 |

ROFLARE®



- Made from long-lasting, high quality steel
- Mold available in metric and English measurements
- "Multiblock" multi-clamping calipers provide firm, quick, off-center clamping of the tube and automatic self-centering; tubes don't slip
- Hardened and polished flare cone: high quality flare sealing surface
- Special screw thread allows smooth, efficient deformation of material

| CAT. NO. | DESCRIPTION | LB |
|----------|--|-----|
| 26038 | Single 6 - 8 - 10 - 12 - 14 - 16 mm O.D. | 3.0 |
| 26022 | Double 6 - 8 - 10 - 12 - 15 - 16 mm O.D. requires 26023 to create double flares | 3.0 |
| 26034 | Double Flare Adapter | 0.5 |
| 26036 | Single 3/16" - 1/4" - 5/16" - 3/8" - 1/2" - 5/8" O.D. | 3.0 |
| 26032 | 37° Single 3/16" - 1/4" - 5/16" - 3/8" - 1/2" - 5/8" O.D. | 3.0 |
| 26033 | Single/Double 3/16" - 1/4" - 5/16" - 3/8" - 1/2" - 5/8" O.D. requires 26034 to create double flares | 3.0 |

HAND THREADERS

SUPER CUT Ratchet Threader



70905X

- Convenient, lockable ratchet direction reversal
- Secure hold with locking retainer - simple insertion and removal of die heads
- Slim, compact shape with excellent overall size for difficult to reach positions
- Offset lever provides high leverage
- Fits all ROTHENBERGER hand and electric threaders
- Precision thread cutting to approved standards of NPT dia. 1/4" - 2"

Sets include ratchet handle, die heads, plastic case

| CAT. NO. | DESCRIPTION | LB |
|----------|--|------|
| 70903X | SUPER CUT Set, 1/2", 3/4", 1" NPT | 9.3 |
| 70901X | SUPER CUT Set, 1/2", 3/4", 1", 1 1/4" NPT | 15.0 |
| 70905X | SUPER CUT Set, 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" NPT | 20.0 |
| P70905C | SUPER CUT Set, 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" NPT for plastic-coated pipe | 20.0 |
| 70840X | Ratchet handle No. 1 1/4" - 1 1/4" | 4.0 |
| 71272 | Ratchet handle No. 2 1 1/2" - 2" | 4.0 |
| 71273 | Die Head Adapter for die heads up to 1 1/4" | 2.0 |
| 70753 | Bucket Oiler | 20.0 |

SUPER CUT Deluxe Threading Kit



70614

Set includes SUPER CUT Ratchet Handle (70840X), Quick Change die heads NPT (1/2" 70912X, 3/4" 70913X, 1" 70914X), SUPER 1-1/4" Steel pipe cutter (70040), Water Pump pliers 10" (70522), 14" Heavy Duty Pipe Wrench (70153), Teflon tape, plastic case

| CAT. NO. | DESCRIPTION | LB |
|----------|--------------------------------|------|
| 70614 | SUPER CUT Deluxe Threading Kit | 21.0 |
| 70753 | Bucket Oiler | 20.0 |

PORTABLE POWER THREADERS

SUPERTRONIC 1250 Portable Compact Threader

**NEW
PRODUCT**



- Fast and steady production threading of up to NPT dia. 1-1/4"
- Electronic push-button forward/reverse control
- Compact dimensions and small head for use in hard to reach areas
- Lightweight, easy to handle
- Durable fiberglass-reinforced aluminum motor housing
- Motor: 34 rpm, 5 axle

| CAT. NO. | DESCRIPTION | LB |
|----------|--|------|
| 71453 | SUPERTRONIC 1250, 1/2", 3/4", 1", 1-1/4" NPT | 9.4 |
| 65018 | RONOL® Cutting Fluid, 6.7 oz (200 ml) | 0.8 |
| 71279 | Forged Pipe Clamp, max. 1 1/4" | 3.5 |
| 70040 | Steel Pipe Cutter, 1-1/4" | 2.5 |
| 70753 | Bucket Oiler | 20.0 |



SUPERTRONIC 2000



- Quick and effortless production of safe precision threaded joints to approved standards up to 2"
- Compact dimensions for use in difficult to reach positions
- Dust tight casing with sealed lubrication - Long lifespan, low maintenance
- High reduction gears with spur wheel teeth; 7 parallel gear shafts, each ball bearing mounted - High, consistent power transmission level when fully loaded
- Optimized gearing - High performance output with minimal energy consumption
- Motor: 1010 W Universal, double insulated with VDE and CEE, interference free
- Threading Speed: 15-25 rpm, 60 rpm rapid reverse



71259L

SUPERTRONIC 2000 Set 1/2" - 2"
includes SUPERTRONIC 2000, forged pipe clamp (71280), ROFIX Adapter (71271), Precision Die Heads, plastic case

| CAT. NO. | DESCRIPTION | LB |
|----------|--|------|
| 71259L | SUPERTRONIC 2000 Set, 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" NPT | 42.1 |
| P71259C | SUPERTRONIC 2000 Set for plastic-coated pipe, 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" NPT | 42.1 |
| 71280 | Forged Pipe Clamp, max. 2" | 3.8 |
| 70045 | Steel Pipe Cutter, 2" | 5.5 |
| 70753 | Bucket Oiler | 20.0 |
| 71273 | Monoblock adapter | 2.0 |
| 71271 | ROFIX Adapter with locking ring | 2.3 |
| 71259 | SUPERTRONIC 2000 machine only | 2.0 |



Inserting the die heads



Fits into tight spaces



Gearing

ACCESSORIES FOR HAND & POWER THREADERS

Precision Die Heads And Dies

Precision Die Heads

For Supertronic 1250, 2000, 2000 Economy and SUPER CUT models. Feature enlarged shaving discharge chambers for faster threading, strengthened locking plate and precise die seating.



| NPT CAT. NO. | FOR PLASTIC COATED PIPE, NPT CAT. NO. | SIZE | LB |
|--------------|---------------------------------------|--------|-----|
| 70907X | - | 1/4" | 1.3 |
| 70908X | - | 3/8" | 1.3 |
| 70912X | P70912C | 1/2" | 1.5 |
| 70913X | P70913C | 3/4" | 1.5 |
| 70914X | 970914C | 1" | 2.0 |
| 70915X | P70915C | 1 1/4" | 2.3 |
| 70849X | P70849C | 1 1/2" | 5.5 |
| 70850X | P70850C | 2" | 6.0 |

Precision Threading Dies

Gentle first cut, extreme long life, 4 pieces/pack. Achieve optimal results with Original ROTHENBERGER threading fluid!



| CAT. NO. | DESCRIPTION | LB |
|----------|-------------|-----|
| 70916X | 1/4" NPT | 0.3 |
| 70917X | 3/8" NPT | 0.3 |
| 70918X | 1/2" NPT | 0.3 |
| 70919X | 3/4" NPT | 0.3 |
| 70920X | 1" NPT | 0.3 |
| 70921X | 1 1/4" NPT | 0.3 |
| 70945X | 1 1/2" NPT | 0.3 |
| 70946X | 2" NPT | 0.4 |

NOTE: Die Head for sizes 1/4" - 1 1/4" are compatible with the RIDGID® 11-R Die Head.

POWER DRIVES

MINI-COLLINS® /Pneumatic MINI COLLINS® Power Drive

MINI-COLLINS®

Puts power back into power threading — thread up to 2" pipe or conduit, 1" bolt or rod, in seconds!



00074

- Lightweight and engineered to go anywhere — requires only 1-3/4" clearance for working in trenches, overhead, and in tight quarters where only hand tools could be used before
- Built-in fill plug eliminates disassembly of gearbox for oiling
- Tightens nuts, drives cable pullers, turns hoists and jacks, opens and closes valves, or drives up to 6" geared threaders
- Shock-resistant handle and durable construction provide years of safe, dependable operation

SPECIFICATIONS

Threading Range:

| | MINI-COLLINS® | PNEUMATIC MINI-COLLINS® |
|-----------------------------------|---------------|-------------------------|
| • Pipe or conduit | 1/8" to 2" | 1/8" to 2" |
| • Bolt or rod | 1/4" to 1" | 1/4" to 1" |
| • With adapters & geared threader | 2-1/2" to 6" | 2-1/2" to 6" |

Motor:

| | |
|---|--|
| 115V, 15 amp or 230V, 9 amp, universal AC-DC reversible, 50-60 Hz | Reversible air motor develops 500 ft/lbs, forward and reverse; requires 90-120 PSI (at 60-80 CFM) input pressure |
|---|--|

Switches:

| | | |
|---------------|------------------|---|
| • On/Off | Deadman | Safety lever throttle (shuts off when released) |
| • Directional | Forward, reverse | Forward, reverse |

Dimensions:

| | | |
|------------------|-----|-----|
| • Overall length | 28" | 27" |
| • Cord length | 80" | — |

| CAT. NO. | DESCRIPTION | LB |
|----------|---|------|
| 00074 | MINI-COLLINS® Drive, 115V | 27.0 |
| 13950 | MINI-COLLINS® Drive, 230V | 27.0 |
| 00119 | Steel carrying case | 5.0 |
| 00077 | Safevise | 5.0 |
| 13158 | Adapter SUPER CUT | 3.0 |
| 00110 | Adapter Ridgid®* 00-R | 3.5 |
| 00111 | Adapter Ridgid®* 11-R | 3.0 |
| — | Ridgid®* 12-R (No adaptor needed) | |
| 00116R | Adapter Square shaft 7/8" | 3.0 |
| 00117 | Adapter Square shaft 1" (for geared threader) | 4.5 |
| 00118 | Adapter Square shaft 1-1/4" | 3.0 |



00077



13158

00117

COMPACT THREADING MACHINES

SUPERTRONIC 2SE/ROPOWER 50R



Check out this product on YouTube! under ROTHENBERGER Supertronic



Automatic die head with quick adjustment of thread size, thread lengths and fine thread depths without recentering.

ROTHENBERGER's portable 2" threading machines offer fast and steady, precision threading, cutting, de-burring, and grooving. The powerful 750-watt (1 HP) motor provides strong turning power with consistent torque for swift, effortless production of accurate, standard pipe and bolt threads. The optional foldable, wheeled workbench makes transport easy, whether on site or in the workshop.

SUPERTRONIC 2SE

The SUPERTRONIC 2SE uses quick-change dies with a ball-detent feature that makes aligning replacement dies in the die head fast and easy. The 2SE die head and dies are compatible with the SUPERTRONIC 4SE threading machine.

ROPOWER 50R

The ROPOWER 50R uses RIDGID®-compatible dies with the new quick-change ball detent feature. While other manufacturers' RIDGID® style dies may be used in the 50R die head (56265), only ROTHENBERGER's dies snap into position.

- Motor is double insulated for increased safety
- Stable high torque motor provides constant power
- Offset spindle lubrication: Easy to maintain
- Geared oil pump with filter system and adjustable fluid level ensures constant oil flow
- Large plastic chip collection tray is easy to clean
- Machine slightly angled: Reduced oil consumption, oil moistening in pipe interior is avoided
- NPT dia.: 1/4"-2" capacity
- Motor Strength: 750 watts (1 HP)
- Speed: 40 rpm (No load)
- Dimensions: 21"x17"x13" (L x W x H)

| CAT. NO. | DESCRIPTION | LB |
|----------|---|------|
| 63003 | 2SE with NPSM dies and heads for electricians | |
| 63004 | SUPERTRONIC 2SE with automatic die head 1/2" - 2", 1/2" - 3/4" NPT dies (89101), 1" - 2" NPT dies (89102) | 97.0 |
| 63005 | ROPOWER 50R with automatic die head with NPT Alloy dies 1/2"-2", 1/2" - 3/4" NPT dies (89162), 1" - 2" NPT dies (89163) | 97.0 |
| 00230 | Folding Wheeled Stand for 2SE/50R | 70.0 |
| 56511 | Mounting kit for ROGROOVER | 4.0 |
| 04510R | Cutter Wheel | 0.5 |

2SE DIE HEAD & DIE SELECTION CHART

| Die Head Type | Die Head Size | No. | Npt Die Size | Alloy No. | |
|---------------|---------------|-------|--------------|-------------|-------|
| Automatic | 1/2" - 2" | 52500 | 1/2" - 3/4" | 89101 | |
| | | | 1" - 2" | 89102 | |
| Manual | 1/4" - 3/8" | 00121 | 1/4" - 3/8" | 89100 | |
| | | | 1/2" - 2" | 1/2" - 3/4" | 89101 |
| | | | | 1" - 2" | 89102 |

50R DIE HEAD & RIDGID® COMPATIBLE DIE SELECTION CHART

| Die Head Type | Die Head Size | No. | Npt Die Size | Alloy No. | High Speed Steel No. | Stainless Steel |
|---------------|---------------|-------|--------------|-----------|----------------------|-----------------|
| Automatic | 1/2" - 2" | 56265 | 1/2" - 3/4" | 89162 | 00125 | 00218 |
| | | | 1" - 2" | 89163 | 00126 | 00219 |
| Manual | 1/4" - 3/8" | 00121 | 1/4" - 3/8" | | 56383 | |

SUPERTRONIC 4SE 1/2" to 4" Threading Machine



ROTHENBERGER's SUPERTRONIC 4SE offers fast and steady threading, cutting and de-burring up to 4 inches. The powerful, 2-speed, 1-1/2 HP. motor provides strong turning power with consistent torque for swift, consistent production of accurate pipe threads either on site or in the shop. The machine includes 2 automatic die heads, 3 sets of dies, safety foot switch, oil, and set of 4 legs.

- Easy access to all components for quick repair
- Ball detent feature allows quick and easy replacement of dies without removing the die head
- Smooth action impact hammer chuck: Powerful, no-slip grip
- Chuck jaws are quick and easy to change
- Robust oil pump with flow adjustment and filter system: Keeps oil free of impurities
- Motor: 1140 watts (1 1/2 HP), Universal Single Phase, 115 Volt
- Threading Speed: 48/18 rpm (2 speed)
- Dimensions: 31"x21"x19" (L x W x H)
- Machine Capacity: Pipe 1/2"-4"; Bolt 3/8"-2"



E-239

| CAT. NO. | DESCRIPTION | LB |
|----------|--|-------|
| 63006 | SUPERTRONIC 4SE 1/2" - 4" NPT | 232.0 |
| 52500 | Automatic die head 1/2" - 2" | 18.0 |
| 64350 | Automatic die head 2 1/2"-4" | 18.0 |
| 89101 | Alloy die set 1/2"-3/4" NPT | 2.0 |
| 89102 | Alloy die set 1" - 2" NPT | 2.0 |
| 59912 | Alloy die set for Die Head 64350 only 2 1/2"-4" NPT | 3.0 |
| 01922R | ROCOOL Thread Cutting Oil 1 gallon | 8.0 |
| 10640 | SUPERJACK Pipe Stand for 1/2" - 8" pipe | 25.0 |
| 56512 | ROGROOVER Mounting Kit for 4SE | 9.0 |
| 04510R | Cutter wheel | 0.5 |
| E-239 | Enclosed, wheeled cabinet | 165.0 |
| 00548A | Open wheeled stand (with tool tray) | 56.0 |

*RIDGID is a registered trademark of Ridge Tool Co.

COLLINS® Classic 22A



This top-of-the-range threading machine is suitable for the most demanding pipework applications, on-site threading, prefabrication work, or even production applications. Completely versatile – handles even difficult make-on or breakdown of fittings. High performance output in every way, the result from over 40 years producing the tried and tested Collins® pipe threaders.

- Motor: Heavy-duty, 115V, universal AC/DC, 50/60 Hz. Develops up to 2.3/4 HP
- Left and Right hand optional
- 84db on A scale noise level
- Dual guide precision pipe cutter; 5-blade conical reamer
- 72 rpm No-Load spindle; Optional 54 and 100 rpm
- Collins® SUPER GRIP chucking system with 4 heavy duty jaws at both front and rear
- Long-life HSS precision dies
- Automatic oil feed for optimal lubrication and cooling of dies
- Threading range: Pipe or Conduit 1/8" to 2", Bolt or Rod 1/4" to 2-1/4"
- Safety foot switch
- Optional Open Wheel Stand with tool tray and Closed Wheel Stand with locking tool cabinet

Standard Supply: Threading machine (00579) with built-in pipe cutter and reamer, foot-operated safety switch, 2 snap-o-matic die heads (00063,00066), 2 sets of HSS dies (00028, 00031), 1 gallon oil (01922).

| CAT. NO. | DESCRIPTION | LB |
|----------|---|-------|
| | COLLINS® Classic 22A with | 240.0 |
| 00579 | Snap-O-Matic® die head & dies, 72 rpm, 115V | |
| 00587 | Snap-O-Matic® die head & dies, 100 rpm, 115V | 240.0 |
| 00592 | Snap-O-Matic® die head & dies, 230V | 240.0 |
| 00596 | UNIQUAD® die head & dies, 72 rpm, 115V | 240.0 |
| 00597 | Automatic die head & dies, 72 rpm, 115V | 240.0 |
| 00575A | Automatic ball-detent die head & Dies | 240.0 |
| 00575R | RIDGID® compatible automatic head & dies | 240.0 |
| 00585 | Basic 22A unit without die head/dies | 220.0 |
| 01623 | Replacement jaws (set 8) | 5.5 |
| 20533 | Low indent jaws for plastic-coated pipe (set 8) | 5.5 |
| 00160 | Reamer, 1/8" - 2" conical, 5-blade | 6.0 |
| 00157 | Spare cutter wheel (1) | 0.3 |
| 00158 | Spare cutter wheel (6) | 1.0 |
| 00159 | Cutter assembly, wheel type | 11.0 |
| 00155 | Oil sump baffle | 4.0 |
| 00045 | Open wheel stand with tool tray | 54.0 |
| E-239 | Threader storage cabinet with wheels | 165.0 |
| 00154 | Waterproof cover | 5.0 |
| 45001 | Mounting Kit for ROGROOVER | 7.0 |
| 01297 | Switch Assembly | 10.0 |
| 1221-H | Switch Handle | 0.3 |
| 00028 | Dies, Automatic, Snap-o- Matic 1"-2" NPT | 2.0 |
| 00031 | Dies, Automatic, Snap-O-Matic®, 1/2" - 3/4" NPT Set | 2.0 |
| 00063 | Die Head, Automatic, Snap-O -Matic, 1/2-3/4 NPT | 12.0 |
| 00066 | Die Head, Automatic, Snap-O-Matic, 1-2 NPT | 12.0 |

RHINO® 1/2" to 4" Heavy Duty Threading Machine



Top-quality threading machine for standard use by plumbing and electrical contractors.

- Motor: Heavy Duty, 115 V, AC/DC 50/60 Hz. Develops up to 3 HP
- High speed threading — 25 rpm
- 85db max. noise level
- COLLINS® SUPER GRIP chucking system with 4 heavy duty jaws at both front and rear.
- Automatic die heads 2 1/2" to 4"
- Automatically adjusted thread length
- "Quick Shot" lubricating system
- 2-gallon oil reservoir
- Threading range with optional package: Pipe or conduit 1/2" to 4", Bolt or rod 5/8" to 2 1/4"
- Standard Supply: threading machine with built-in pipe cutter, reamer, foot operated safety switch, 2 1/2" - 4" die heads & dies

| CAT. NO. | DESCRIPTION | LB |
|----------|---|-------|
| 00550 | RHINO® Threading Machine with 2 1/2" - 4" automatic die heads | 340.0 |
| P00551C | RHINO® Threading Machine with 2 1/2" - 4" automatic die heads & dies for plastic-coated pipe | 340.0 |
| 00561 | RHINO® optional 1/2" - 2" package with 1/2" - 2" automatic die heads and dies with 1/2" - 2" conical reamer | 27.0 |
| 00097 | Reamer 1/8" to 2" conical, 5-blade reamer assembly | 5.5 |
| 01894 | 1/8" to 2" reamer cone only | 5.5 |
| 00107 | 2 1/2" - 4" twin-edged blade | 5.0 |
| 00551 | 2 1/2" - 4" reamer assembly | 5.0 |
| 00106 | Cutter assembly | 40.0 |
| 00104 | Spare cutter wheel, 1 pack | 1.0 |
| 00105 | Spare cutter wheel, 3 pack | 1.0 |
| 00548R | Open wheel stand (with tool tray) | 56.0 |
| E-239 | Threader storage cabinet with wheels | 165.0 |
| 45004 | Mounting kit for ROGROOVER | 14.0 |

Nipple Chucks



Check out this product on YouTube! under **ROTHENBERGER Nipple Chucks**



00073



1/2" - 2"

Nipple chucks convert unthreaded or short pipe lengths into useful close-threaded nipples. Faster and more economical to use than nipple chuck adapter systems

2-1/2" to 4" and 5" to 6"

Patented mechanism expands and self-locks pipe from inside for work on short pipe lengths. 5" to 6" nipple chuck assembly can be used on both conduit and pipe (00073)

| CAT. NO. | DESCRIPTION | LB |
|--|--|------|
| FOR USE WITH PANTHER, 1SE, 2SE, 50R, 4SE: | | |
| 00088 | NIPPLE MAX Set, 1/2" - 2" | 16.0 |
| FOR USE WITH RHINO®, 22A, 33A, 44A, 66A: | | |
| 00089 | NIPPLE MAX Set, 1/2" - 2", extension bar | 20.0 |
| 00190 | Nipple Chuck, 1/2" | 0.9 |
| 00191 | Nipple Chuck, 3/4" | 1.2 |
| 00192 | Nipple Chuck, 1" | 1.6 |
| 00193 | Nipple Chuck, 1-1/4" | 2.2 |
| 00194 | Nipple Chuck, 1-1/2" | 2.6 |
| 00195 | Nipple Chuck, 2" | 4.3 |
| 00199 | Extension bar | |
| 01850 | NIPPLE MAX Set, 1/2" - 2" | 15.0 |
| FOR USE WITH ALL COLLINS MACHINES: | | |
| 00073 | Nipple Chuck Assembly for 5" - 6" | 50.0 |

THREADING ACCESSORIES

RONOL® and RONOL SYN®



RONOL® High-performance cutting oil

- Mineral oil basis For threading of all materials, including stainless steel. Mineral-based threading oils may not be permissible in drinking water installations – Please check the pertinent standards in your area.

RONOL® SYN High-performance cutting fluid

- No mineral oils, purely synthetic. Developed and approved for drinking water and plumbing installations.

| CAT. NO. | DESCRIPTION | LB |
|----------|---------------------------------------|-----|
| 65008 | RONOL® Spray Can 20.3 oz (600 ml) | 1.7 |
| 65013 | RONOL® SYN Spray Can 20.3 oz (600 ml) | 1.7 |

ROCOOL® Cutting Oil



Special blend of sulfo-chlorinated mineral oil assures long die life and superior quality threads. ROCOOL® cutting oil and automatic through-the-die-head oil flow makes it impossible to cut a dry thread.

| CAT. NO. | DESCRIPTION | LB |
|----------------|---|-------|
| 01922R | ROCOOL® Cutting Oil (1 gallon) | 8.0 |
| 00001 | ROCOOL® Cutting Oil (six 1 gallon containers) | 48.0 |
| 00002 | ROCOOL® Cutting Oil (5 gallons) | 40.0 |
| 00003 | ROCOOL® Cutting Oil (55 gallons) | 480.0 |
| N 70753 | Bucket Oiler | 20.0 |

VICES AND STANDS

Tri-Bench with 6" Chain Vice



- Collapsible, stable frame: Compact size
- Holes and slots: For attaching various tools
- With recesses: For bending tubes 3/8", 1/2", 3/4" O.D.
- Ceiling brace for overhead support of the stand: Secure frame even during difficult work

| CAT. NO. | DESCRIPTION | LB |
|----------|---------------------------------------|------|
| 70752 | Tri-Bench with Chain Vice (1/8" - 6") | 68.0 |

Top Screw Cam Lock Vice

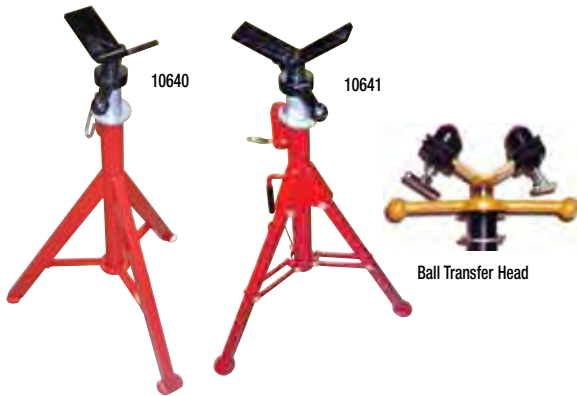


Tough, powerful, bending device and tube support, forged and hardened, wear-resistant jaws, powerful chain

- V-shaped support: Prevents bending during clamping
- Universal vice attachment
- Interchangeable jaws: works with Ridgid® 460 model
- Offset lever and pre-tensioning screw: Quick fastening

| CAT. NO. | DESCRIPTION | LB |
|----------|-----------------------|------|
| 70716 | Vise (1/8" - 6" O.D.) | 20.5 |

SUPERJACK Pipe Stands



Supports full lengths of pipe, 1/2"-8", when using pipe threading machines

- Height capacity: 27"-50"
- Weight capacity: 2,500 lb. max
- Folding stand includes carrying handle

| CAT. NO. | DESCRIPTION | LB |
|----------|---|------|
| 10640 | SUPERJACK with V-Head | 25.0 |
| 00101 | SUPERJACK with Ball Transfer Head | 29.0 |
| 10641 | Folding SUPERJACK with V-Head | 26.0 |
| 10642 | Folding SUPERJACK with Ball Transfer Head | 30.0 |
| 00100 | (1) Set of Ball Transfer Head | 2.45 |

Bench Yoke Vise



Foldable, with automatic closing hook, milled and hardened upper and lower support jaw, powerful smooth-running spindle.

| CAT. NO. | DESCRIPTION | LB |
|----------|----------------------------------|------|
| 70711 | Bench Yoke Vise (1/8" - 4" O.D.) | 25.0 |

PRODUCTION CUTTING MACHINES

COLLINS® E-Z Cutter®



This high-volume, production cutter makes quick work of 1/4"- 4" pipe and 5/8"- 4 1/2" tubing. The lightweight E-Z CUTTER® is built to withstand everyday use.

- Universal AC/DC motor provides a full 1/2 HP for all-day production needs
- Gear-driven rollers turn the work for true perpendicular cutting
- Ball-bearing assembled cutter wheel revolves freely for even wear
- High-speed tool-steel cutter wheels provide thousands of cuts with no external burr — so clean that no further finishing is needed before applying fittings
- Foot switch provides operator safety while freeing both hands for high-volume production demands
- Drive Type: Gear-driven rollers
- Motor: 2-3/4 HP Universal AC/DC, 50-60 Hz; Optional 230V motor
- Dimensions: 19" x 10" x 19" (L x W x H)

FOR BENCH MOUNTING:

- Stationary Support #00036 mounts your 1 1/4" support pipe to the workbench surface
- Roller Bearing Support #00069 slides onto the support pipe and provides easy travel and rotation of work.

FOR FLOOR MOUNTING:

- E-Z CUTTER® Stand #00037 bolts to the floor for stationary support
- Pipe Support fitting #00071 (with 1" pipe legs) mounts onto 1 1/4" pipe also using the Roller Bearing Support on support pipe
- SUPERJACK Pipe Stand with Ball Transfer Head #00101 replaces complicated system of support pipe and fittings.

| CAT. NO. | DESCRIPTION | LB |
|----------|--|-------|
| 00032 | E-Z CUTTER® Model A, 115V | 121.0 |
| 00533 | E-Z CUTTER® Model A, 230V | 121.0 |
| 00033 | E-Z CUTTER® Model C, 115V | 125.0 |
| 00534 | E-Z CUTTER® Model C, 230V | 125.0 |
| 00034R | Steel pipe cutter wheel for galvanized, black, and stainless steel | 1.0 |
| 00035R | Copper tube cutter wheel | 1.0 |
| 00535 | Soil pipe cutter wheel | 1.0 |
| 00536 | Plastic pipe cutter wheel | 1.0 |
| 00036R | Stationary support | 3.0 |
| 00037 | E-Z CUTTER® Stand | 40.0 |
| 00069 | Roller bearing support | 3.0 |
| 00071 | Pipe support fitting | 1.0 |
| 00079 | Foot switch, 115V | 8.0 |
| 02350 | Foot switch, 230V | 8.0 |

All models include a heavy-duty footswitch and one pipe cutter wheel. C versions include two heavy-duty rollers and two stationary supports.

PRESS TOOLS

ROMAX 3000



The Light-weight in-line style ROMAX 3000 Battery-powered press tool offers the user the ease of getting into tight spaces, but with capacity for pressing copper fittings of 1/2" - 4".

- Constant Force Technology (CFT®) guarantees the necessary pressing force. The automatic controlled press cycles ensure that the piston retracts to the starting position after the necessary pressing force has been reached
- Jaw fixture rotates 350 °
- 160 cycles on a single battery charge
- LED technology; two strong emitting diodes provide light when working in dark areas
- Dimensions: 24" x 21" x 9" (LxWxH)
- Weight: 7.9 lbs
- Crimp force: 7200 lbs
- Battery: 18 volt, 3 amp, Lithium Ion
- Battery Charge Time: approx 20 min
- Pressing Capacity:
 - Copper 4"
 - PEX 1-1/4"
- Cycle Time: approx 5-6 seconds

| CAT. NO. | DESCRIPTION | LB |
|----------|--|------|
| 15800 | ROMAX 3000 Kit w/ 6 jaws | 59.1 |
| 15801 | ROMAX 3000 Kit, no jaws | - |
| 15810 | Li-Ion Battery | - |
| 15811 | Li-Ion Battery Charger | - |
| 93667 | Press Ring Set with Actuator (2-1/2" - 4") | - |
| 15222X | 1/2" Copper Jaw | 4.4 |
| 15223X | 3/4" Copper Jaw | 4.5 |
| 15224X | 1" Copper Jaw | 4.5 |
| 15225X | 1-1/4" Copper Jaw | 5.8 |
| 15226X | 1-1/2" Copper Jaw | 7.4 |
| 15227X | 2" Copper Jaw | 9.9 |
| 15251X | 3/8" PEX Jaw | 4.4 |
| 15252X | 1/2" PEX Jaw | 4.4 |
| 15253X | 5/8" PEX Jaw | 4.4 |
| 15254X | 3/4" PEX Jaw | 4.6 |
| 15255X | 1" PEX Jaw | 4.6 |
| 15256X | 1-1/4" PEX Jaw | 5.85 |

ROCONNECT Compact Press Tool



The ROCONNECT Compact lightweight, battery-powered press tool weighs only 3.7 lbs. and connects 1/2", 3/4" and 1" copper tubing or 3/8"-1-1/4" PEX tubing in about 6 seconds. A slim profile allows for one hand operation of the tool while the other hand is free to hold and position the fitting. Its straight design is like an extension of your arm that easily reaches into tight spaces. When a press is complete, the jaws automatically release signaling that the tool is ready for the next press.

- Flexible and cost effective
- Jaw fixture rotates 350° and easily fits into tight spaces
- Secure grips and innovative 2-component housing allows easy 1-handed operation
- Lightweight and compact: Easy access in hard-to-reach areas. Ergonomic design makes for effortless crimping
- LED display shows tool information
- Illumination for safety when working
- Hydraulic jaw release button opens press jaws before crimp is completed, if needed
- High-quality, powerful, long lasting Makita Li-ion battery
- Crimp Force: 5,400 lbs.
- Length: 18-1/4" (465 mm)
- Width (jaws open): 4-1/2" (108 mm)"
- Weight: 3.7 lbs. (1.68 kg)
- Battery: 18V Li-ion
- Crimp cycle time: Approx. 6 seconds
- 12 Minute Quick Charge

| CAT. NO. | DESCRIPTION | LB |
|----------|---|------|
| 16001 | ROCONNECT Compact Press Tool, No Jaws | 3.7 |
| 16002 | ROCONNECT Compact Press Tool, 1/2"-1" jaws, Battery, charger | 16.0 |
| 15031V | Compact Press Jaw, 1/2" copper | 4.4 |
| 15032V | Compact Press Jaw, 3/4" copper | 4.4 |
| 15033V | Compact Press Jaw, 1" copper | 4.4 |
| 15930 | Compact Press Jaw, 3/8" PEX | 4.4 |
| 15931 | Compact Press Jaw, 1/2" PEX | 4.4 |
| 15932 | Compact Press Jaw, 5/8" PEX | 4.4 |
| 15933 | Compact Press Jaw, 3/4" PEX | 4.4 |
| 15934 | Compact Press Jaw, 1" PEX | 4.4 |
| 15935 | Compact Press Jaw, 1-1/4" PEX | 5.4 |
| 52176 | 18V Lithium Battery, 3 amp | 1.5 |
| 52177 | 18V Lithium Battery, 1.5 amp | 1.5 |
| 52178 | 18V Lithium Battery, Charger, 120V | 1.5 |
| 14486 | GO/NO GO Calibration Gauge 3/8", 1/2", 5/8", 3/4" ASTM F1807 PEX | 1.0 |
| 14487 | GO/NO GO Calibration Gauge 3/8", 1/2", 3/4", 1" ASTM F1807 PEX | 1.0 |

ROCONNECT Cordless



- 1/2 - 4" capacity
- Interchangeable crimping jaws: Flexible and cost effective
- Secure grips and innovative 2-component housing allows easy 1-handed operation
- LED display shows tool information
- Illumination for safety when working
- High-quality, powerful, long lasting Makita Li-ion battery
- Effortless crimping: Lightweight Pistol Design
- Linear Shear Force: Approx. 32kN
- Crimping per battery charge: Approx. 300 (at NS20)
- Battery: Makita 3.0 Ah Li-Ion
- Battery Charge Time: 22 minutes

State-of-the-art crimping tool.

The ROCONNECT Cordless combines the simplicity of joining copper pipes without soldering and brazing, with the ease, features, and portability of battery power.

| CAT. NO. | DESCRIPTION | LB |
|----------|---|------|
| 16101 | ROCONNECT Cordless Tool, No Jaws | 18.8 |
| 16102 | ROCONNECT Cordless Tool, 1/2" - 2" jaws, Battery, charger | 22.8 |
| 15222X | Press Jaw, 1/2" copper | 4.4 |
| 15223X | Press Jaw, 3/4" copper | 4.4 |
| 15224X | Press Jaw, 1" copper | 4.4 |
| 15225X | Press Jaw, 1-1/4" copper | 4.4 |
| 15226X | Press Jaw, 1-1/2" copper | 4.4 |
| 15227X | Press Jaw, 2" copper | 4.4 |
| 15251X | Press Jaw, 3/8" PEX | 4.4 |
| 15252X | Press Jaw, 1/2" PEX | 4.4 |
| 15253X | Press Jaw, 5/8" PEX | 4.4 |
| 15254X | Press Jaw, 3/4" PEX | 4.4 |
| 15255X | Press Jaw, 1" PEX | 4.4 |
| 15256X | Press Jaw, 1-1/4" PEX | 5.4 |
| 52176 | 18V Lithium Battery, 3 amp | 1.5 |
| 52177 | 18V Lithium Battery, 1.5 amp | 1.5 |
| 52178 | 18V Lithium Battery, Charger, 120V | 1.5 |
| 14486 | GO/NO GO Calibration Gauge 3/8", 1/2", 5/8", 3/4" ASTM F1807 PEX | 1.0 |
| 14487 | GO/NO GO Calibration Gauge 3/8", 1/2", 3/4", 1" ASTM F1807 PEX | 1.0 |

ROCONNECT Corded



- 1/2 - 4" capacity
- Interchangeable crimping jaws: Flexible and cost effective
- Secure grips and innovative 2-component housing allows easy 1-handed operation

State-of-the-art crimping tool.

The ROCONNECT Corded combines the simplicity of joining copper pipes without soldering and brazing, with the ease, features, and portability of battery power.

| CAT. NO. | DESCRIPTION | LB |
|----------|---|------|
| 16201 | ROCONNECT Corded Tool, No Jaws | 16.6 |
| 16202 | ROCONNECT Corded Tool, 1/2" - 2" jaws, Battery, charger | 20.6 |
| 15222X | Press Jaw, 1/2" copper | 4.4 |
| 15223X | Press Jaw, 3/4" copper | 4.4 |
| 15224X | Press Jaw, 1" copper | 4.4 |
| 15225X | Press Jaw, 1-1/4" copper | 4.4 |
| 15226X | Press Jaw, 1-1/2" copper | 4.4 |
| 15227X | Press Jaw, 2" copper | 4.4 |
| 15251X | Press Jaw, 3/8" PEX | 4.4 |
| 15252X | Press Jaw, 1/2" PEX | 4.4 |
| 15253X | Press Jaw, 5/8" PEX | 4.4 |
| 15254X | Press Jaw, 3/4" PEX | 4.4 |
| 15255X | Press Jaw, 1" PEX | 4.4 |
| 15256X | Press Jaw, 1-1/4" PEX | 5.4 |
| 14486 | GO/NO GO Calibration Gauge 3/8", 1/2", 5/8", 3/4" ASTM F1807 PEX | 1.0 |
| 14487 | GO/NO GO Calibration Gauge 3/8", 1/2", 3/4", 1" ASTM F1807 PEX | 1.0 |

Press Jaws



15031

ROTHENBERGER press clamps are suitable for all press tools with a compatible press jaw fixture and a constant axial shearing force of 32 to 34 kN.

NOTE: Press jaws are subject to wear like all tools and should be examined periodically for damage. In order to ensure proper functionality of the jaws, we recommend regular maintenance at the time of annual press tool inspection, or every 10,000 crimps. If damage is evident, the press jaw should not be used until it can be sent to your nearest authorized press tool service center for inspection and any necessary repairs.

| CAT. NO. | DESCRIPTION | LB |
|----------|------------------------------|------|
| 15222X | Press Jaw, 1/2" copper | 4.4 |
| 15223X | Press Jaw, 3/4" copper | 4.4 |
| 15224X | Press Jaw, 1" copper | 4.4 |
| 15225X | Press Jaw, 1 1/4" copper | 5.8 |
| 15226X | Press Jaw, 1 1/2" copper | 7.4 |
| 15227X | Press Jaw, 2" copper | 10.0 |
| 15251X | Press Jaw, 3/8" PEX | 4.4 |
| 15252X | Press Jaw, 1/2" PEX | 4.4 |
| 15253X | Press Jaw, 5/8" PEX | 4.4 |
| 15254X | Press Jaw, 3/4" PEX | 4.4 |
| 15255X | Press Jaw, 1" PEX | 4.4 |
| 15256X | Press Jaw, 1 1/4" PEX | 5.8 |
| 15031 | ROTHENBERGER Press Jaws Case | 4.4 |

Press Rings

ROTHENBERGER Press Rings with proven material and manufacturing quality. Suitable for confined spaces through the catch adjustment.



| CAT. NO. | DESCRIPTION | LB |
|----------|---|------|
| 93667 | Press Ring Set (2-1/2", 3", 4" rings), actuator, case | 28.0 |
| 93677 | Press Ring XL 2-1/2" | 6.0 |
| 93682 | Press Ring XL 3" | 7.0 |
| 93687 | Press Ring XL 4" | 7.0 |
| 93692 | Press Ring Acuator | 5.0 |

PEX Hand Crimper



Go/No-Go Gauge

Constructed of hardened steel for durability with an Ultra-Lite fiberglass reinforced composite handle, Rothenberger Pex Crimpers are ideal for making copper crimp ring connections in potable water and radiant heating applications.

- Crimps meet ASTM F1807 Specifications.
- Each tool is supplied with a go/no-go gauge.
- Crimp Cavity does not skive the copper ring or cause it to fishtail during crimping process.
- Glass-filled composite handles reduce fatigue especially when working overhead.
- Properly maintained crimpers are expected to make over 100,000 crimps in their life cycle.
- Minimal Calibration Adjustments.

| CAT. NO. | DESCRIPTION | LB |
|----------|---|-----|
| 12427 | 1" PEX Crimper | 4.0 |
| 12428 | 1/2" & 3/4" PEX Crimper Combo | 3.3 |
| 14486 | Go/No-Go Gauge, for 3/8", 1/2", 5/8", 3/4" crimps | 1.0 |
| 14487 | Go/No-Go Gauge, for 3/8", 1/2", 3/4", 1" crimps | 1.0 |

PEX Medium Handle Crimper



Time-tested by the professional plumbing contractor, this medium handle crimper is considered the standard of the industry. Its crimp eliminates the unsightly appearance of tool marks and distortion of crimped rings. Effortless crimping action as loads are dramatically reduced with this innovative design. The longer length on this tool promotes productivity and minimizes user fatigue.

| CAT. NO. | DESCRIPTION | LB |
|----------|----------------------------|-----|
| 12431 | 1" PEX Crimper, 16" Handle | 4.0 |

Ring Removal Tool



- Suitable for use on 1/2", 5/8", 3/4" and 1" Pex Pipe Sizes.
- Cutting blade only penetrates the ring and Pex pipe. No fitting damage is possible with this tool.
- Two cuts on the ring allow the user to reclaim the fitting.
- Cushioned grips create comfort.
- Replacement blades readily available.

| CAT. NO. | DESCRIPTION | LB |
|----------|-----------------------|-----|
| 12430 | PEX Ring Removal Tool | 1.3 |

Clamp Pincer Ratchet Tools



- Only one tool is required for 3/8", 1/2", 3/4" or 1" Clamps.
- Ratchet mechanism assures complete crimps.
- A tool calibration gage is provided to verify the tool is in adjustment.
- Made in the USA from heat treated steel which provides durability and longevity.
- Tool length is 11".

| CAT. NO. | DESCRIPTION | LB |
|----------|---|-----|
| 12429 | PEX Stainless Clamp Pincer Ratchet Tool | 1.0 |

PLIERS & PIPE WRENCHES

ROGRIP® Self-Adjusting Multi-Purpose Pliers



Grips hexagonal shapes

Grips pipes

Grips sheets

Grips fittings



For use on various forms of material. With a perfect grip and improved leverage, the ROGRIP® offers many advantages over conventional pliers. Made of drop forged chrome vanadium steel.

- High quality Duramant® surface coating
- Double hardened teeth
- Improved leverage compared to conventional pliers
- Automatic fit on various forms of material up to 1-5/8" (42 mm) dia.

| CAT. NO. | DESCRIPTION | LB |
|----------|-------------|-----|
| 70558 | ROGRIP® 10" | 1.0 |

ROLOCK®



A professional-grade water pump pliers with jaw locking system, provides a secure grip on round, square or hex-shaped items with the push of a button.

| CAT. NO. | DESCRIPTION | LB |
|----------|-------------|-----|
| 70531 | ROLOCK® 7" | 0.5 |
| 70532 | ROLOCK® 9" | 0.8 |
| 70533 | ROLOCK® 12" | 1.0 |

Water Pump Pliers



Complies with DIN 5231 D, with heavy duty box joint, chrome vanadium steel, drop forged, tempered, polished head and joint.

- Adjustable for 7 sizes, stable, tough
- Induction hardened teeth with high wear resistance
- Crush & clamp guard

| CAT. NO. | DESCRIPTION | LB |
|----------|---------------------------------|------|
| 70521 | 7" (Max. O.D. 1") | 0.5 |
| 70522 | 10" (Max. O.D. 1 1/4") | 0.8 |
| 70523 | 12" (Max. O.D. 1 1/2") | 1.1 |
| 70522D | 10" Counter Display (12 pieces) | 10.0 |

ROGRIP Waterpump Pliers



| CAT. NO. | DESCRIPTION |
|----------|----------------------|
| 10213 | ROGRIP F 7" (18 pt) |
| 10214 | ROGRIP F 10" (18 pt) |
| 10215 | ROGRIP M 7" (10 pt) |
| 10216 | ROGRIP M 10" (10 pt) |

- Increase in grip capacity of 30%:
 - 7" pliers up to 1-1/4"
 - 10" pliers up to 2"
- 3-point handle grips up to maximum dimension of pipe and prevents slipping.
- Wider handles are more ergonomic, comfortable, and provide more torque.
- Ergonomic curve-shaped design especially for large pipe dimensions.
- Double hardened jaws are extremely durable.
- Made of Chrome Vanadium steel.

Heavy Duty Pipe Wrench



Monoblock cast body with high strength, double T profile, forged jaw an hook, fine-polished teeth set against turning direction, induction hardened, tempered, and anti-slip adjustment screw. Complies with US standard GGG-W-651 Type I Class A.

- Spring-supported hook: One-handed ratchet-like use, self-clamping
- Quick preset of tube diameter using scale on hook

| CAT. NO. | DESCRIPTION | LB |
|----------|------------------------|------|
| 70150 | 8" (Max. O.D. 1") | 1.0 |
| 70151 | 10" (Max. O.D. 1 1/2") | 2.0 |
| 70152 | 12" (Max. O.D. 2") | 3.5 |
| 70153 | 14" (Max. O.D. 2") | 4.5 |
| 70154 | 18" (Max. O.D. 2 1/2") | 6.5 |
| 70155 | 24" (Max. O.D. 3") | 10.5 |
| 70156 | 36" (Max. O.D. 5") | 20.0 |
| 70157 | 48" (Max. O.D. 6") | 37.0 |

Aluminum Pipe Wrench



Features similar to HEAVY DUTY
Complies with US standard GGG-W-651 Type I Class B

- Extremely light aluminum alloy with high strength:
Approx. 40% lighter than steel
- ALUMINUM Pipe Wrench for PVC Coated Conduit has specially designed jaws for gripping coated pipe. Protects plastic coating

| CAT. NO. | DESCRIPTION | LB |
|----------|--|------|
| | CONDUIT | |
| 70159 | 10" (Max. O.D. 1 1/2") | 2.0 |
| 70160 | 14" (Max. O.D. 2") | 3.0 |
| 70161 | 18" (Max. O.D. 2 1/2") | 4.0 |
| 70162 | 24" (Max. O.D. 3") | 6.0 |
| 70163 | 36" (Max. O.D. 5") | 11.5 |
| 70164 | 48" (Max. O.D. 6") | 20.0 |
| | FOR PVC COATED CONDUIT | |
| P70159C | 10" Aluminum Pipe Wrench for PVC Coated Conduit (Max. O.D. 1 1/2") | 2.0 |
| P70160C | 14" Aluminum Pipe Wrench for PVC Coated Conduit (Max. O.D. 2") | 3.0 |
| P70161C | 18" Aluminum Pipe Wrench for PVC Coated Conduit (Max. O.D. 2 1/2") | 4.0 |
| P70162C | 24" Aluminum Pipe Wrench for PVC Coated Conduit (Max. O.D. 3") | 6.0 |

Heavy Duty End Pipe Wrench



Features similar to HEAVY DUTY
Complies with US standard GGG-W-651 Type IV

- Offset wrench head: Ideal for work in confined spaces or close to walls

| CAT. NO. | DESCRIPTION | LB |
|----------|------------------------|-----|
| 70166 | 10" (Max. O.D. 1 1/2") | 1.7 |
| 70167 | 14" (Max. O.D. 2") | 3.2 |

Aluminum Offset Pipe Wrench



Complies with US standard GGG-W-651 Type I Class B

- Extremely light aluminum alloy with high strength:
Approx. 40% lighter than steel
- Offset wrench head: Ideal for work in confined spaces or close to walls

| CAT. NO. | DESCRIPTION | LB |
|----------|------------------------|-----|
| 70115 | 14" (Max. O.D. 2") | 3.0 |
| 70116 | 18" (Max. O.D. 2 1/2") | 4.0 |

Chain Pipe Wrench 4"



Profile handle made of drop forged, chrome vanadium steel, polished head and powerful chain made of tempered special steel.

- Double-sided teeth surface set against the turning direction:
Works in both directions without re-inserting

| CAT. NO. | DESCRIPTION | LB |
|----------|--------------------|-----|
| 70235 | 12" (Max. O.D. 4") | 2.0 |

Heavy Duty Chain Pipe Wrench



Very tough design for the most demanding applications, tried and tested in pipeline construction. Forged jaws and handle; replaceable jaws.

- Strong chain made of tempered steel: Fits every cross-section
- Double-sided tooth system for ratchet-like use: For right and left-handed motion

| CAT. NO. | DESCRIPTION | LB |
|----------|------------------------|------|
| 70243 | 27" (Max. O.D. 2 1/2") | 6.0 |
| 70244 | 37" (Max. O.D. 4") | 12.0 |
| 70245 | 44" (Max. O.D. 6") | 25.0 |
| 70246 | 50" (Max. O.D. 8") | 33.0 |
| 70247 | 63" (Max. O.D. 12") | 62.0 |

TUBE CUTTERS

35 PRO / 42 PRO Tube Cutter



Cuts tubes made of:

- copper, brass, aluminum, thin-walled steel
- PE, PP, PVDF, plastic-coated tubes
- stainless steel

| CAT. NO. | DESCRIPTION | LB |
|----------|-----------------------------|-----|
| 70027 | PRO 35 (O.D. 1/4" - 1 3/8") | 1.0 |
| 70029 | PRO 42 (O.D. 1/4" - 1 5/8") | 1.2 |
| 70017B | Cutter Wheel, 2 pack | 0.3 |
| 70017D | Cutter Wheel, 5 pack | 0.3 |
| 21652B | Deburring Blades, 10 pack | 0.3 |
| 21652 | Deburring Blades, 1 pack | 0.1 |
| 70041 | Axle and screw | 0.1 |

MINICUT 2000



Tube cutter for copper tubes. Ergonomic design of body and knob with seating surface for the hand during turning.

- Large knurled knob, handy design: Fatigue-free pressure control
- Two guide rollers with recess: Cuts close to flares
- Handy design with small working radius of 1-3/4" (45 mm): Ideal for hard to reach places

| CAT. NO. | DESCRIPTION | LB |
|----------|---------------------------------|-----|
| 70105 | MINICUT 2000 (O.D. 1/8" - 7/8") | 0.4 |
| 70017B | Cutter Wheel, 2 pack | 0.3 |
| 70017D | Cutter Wheel, 5 pack | 0.6 |
| 70041 | Axle and screw | 0.1 |

MINI MAX



Tube cutter for copper tubes. Ergonomic design of body and knob with seating surface for the hand during turning.

- Large knurled knob, handy design: Fatigue-free pressure control
- Two guide rollers with recess: Cuts close to flares
- Handy design with small working radius of 1-3/4" (45 mm): Ideal for hard to reach places

| CAT. NO. | DESCRIPTION | LB |
|----------|-------------------------------|-----|
| 70015 | MINI MAX (O.D. 1/8" - 1 1/8") | 0.8 |
| 70017B | Cutter Wheel, 2 pack | 0.3 |
| 70017D | Cutter Wheel, 5 pack | 0.6 |
| 70041 | Axle and screw | 0.1 |

Tube Cutter 30 / Tube Cutter 50



Tube cutter for copper tubes.

- Retractable internal deburrer and spare cutter wheel in handle: Always within reach
- Two guide rollers with recess: For cuts close to flares

| CAT. NO. | DESCRIPTION | LB |
|----------|--------------------------------------|-----|
| 71019 | Tube Cutter 30 (O.D. 1/8" - 1 1/8") | 0.7 |
| 70065 | Tube Cutter 50 (O.D. 1/2" - 2") | 0.8 |
| 70017B | Cutter Wheel, 2 pack | 0.3 |
| 70017D | Cutter Wheel, 5 pack | 0.6 |
| 70056D | Stainless Steel Cutter Wheel, 5 pack | 0.6 |
| 70041 | Axle and screw | 0.1 |

Automatic Tube Cutter



Ratchet telescopic cutter for copper, brass, aluminum, thin-walled steel, and plastic coated tubes.

- Ratchet telescopic guide with automatic spring-driven withdrawal: Quick adjustment, fast opening
- Retractable internal deburring tool and spare cutter wheel in handle: Always within reach

| CAT. NO. | DESCRIPTION | LB |
|----------|--|-----|
| 70030 | Automatic size 1 (O.D. 1/8" - 2 5/8") | 2.0 |
| 70017B | Cutter Wheel, 2 pack | 0.3 |
| 70017D | Size 1 Cutter Wheel, 5 pack | 0.3 |
| 70028 | Plastic Wheel | 0.3 |
| 70142 | Automatic size 2 (O.D. 2" - 5") | 3.5 |
| 70143 | Automatic size 3 (O.D. 4" - 6 5/8") | 4.0 |
| 70057D | Spare cutter wheel sizes 2/3, 2 pack | 0.1 |
| 21652B | Spare deburring blade sizes 1/2/3, 10 pack | 0.3 |
| 50049 | Axle and screw | 0.1 |

PIPESLICE



Cutting copper tubing has never been easier! Simply snap the cutter onto the tube and turn.

- Cut tubes with less turns
- Self-clamping and self-alignment: No re-adjustment necessary
- Less space required: Ideal for hard to reach places
- Cast aluminum casing

| CAT. NO. | DESCRIPTION | LB |
|----------|--|-----|
| 88807 | PIPESLICE 1 (Nominal dia. 3/8"; O.D. 1/2") | 0.6 |
| 88810 | PIPESLICE 2 (Nominal dia. 1/2"; O.D. 5/8") | 0.6 |
| 88808 | PIPESLICE 3 (Nominal dia. 5/8"; O.D. 3/4") | 0.6 |
| 88802 | PIPESLICE 4 (Nominal dia. 3/4"; O.D. 7/8") | 0.6 |
| 88814 | PIPESLICE 5 (Nominal dia. 1"; O.D. 1 1/8") | 1.0 |
| 88806 | Spare cutter wheel for 1/2/3 | 0.1 |
| 88803 | Spare cutter wheel for 4/5 | 0.1 |

Chain Tube Cutter



For copper, brass, aluminum, thin-walled steel tubes, & plastic coated tubes.

- Stable chain with 15 mini cutter wheels, two-step adjustment: Ideal for working in confined spaces such as parallel-running tubes
- Chrome-plated with PVC handles

| CAT. NO. | DESCRIPTION | LB |
|----------|----------------------------|-----|
| 70285 | MULTICUT 65 (O.D. 1" - 2") | 1.3 |
| 70286 | Cutter Wheel Chain | 0.4 |

ROTRAC Tube Cutters



High precision tube cutter for copper tubes.

- Smooth-running telescopic action for consistent working radius, blade advances faster
- ROTRAC Plus Cutters feature a large knurled knob
- Rolling stop protects cutter wheel
- Protected screw spindle prevents dirt ingress and jamming
- Cast aluminum design is compact and light

| CAT. NO. | DESCRIPTION | LB |
|----------|--|-----|
| 70010 | ROTRAC 28 (O.D. 1/8" - 1 1/8") | 1.0 |
| 70011 | ROTRAC 42 (O.D. 1/4" - 1 5/8") | 1.0 |
| 70007B | Cutter Wheel, 2 pack | 0.3 |
| 70007X | Cutter Wheel, 10 pack | 0.1 |
| 70020 | ROTRAC 28 Plus (O.D. 1/8" - 1 1/8") | 1.0 |
| 70021 | ROTRAC 42 Plus (O.D. 1/4" - 1 5/8") | 1.0 |
| 70012 | ROTRAC 20PL for plastic pipe (O.D. 1/8" - 3/4") | 1.0 |
| 70013 | ROTRAC 32PL for plastic pipe (O.D. 3/16" - 1 1/4") | 1.0 |
| 70018 | ROTRAC 42 for flexible gas pipe (O.D. 1/4" - 1 5/8") | 1.0 |
| 90007 | Cutter Wheel, stainless steel | 0.1 |

| ROTHENBERGER | | FITS CUTTERS FROM | |
|--|--|--|--|
| Cutter Wheel Part No. | RIDGID® | Lenox® | |
| 70007B 2-Pack fits Rothenberger cutters 70010, 70011, 70020, 70021 | 101, 118, 150, 151, 152, 153, 205 <i>replaces #33185</i> | | |
| 70017B 2-Pack fits Rothenberger cutters 70401, 70402, 70105, 70019, 70065, 70027, 70030 | 10, 15, 20 <i>replaces #33160</i> | 21010, 21011, 21012, 21013 <i>replaces #21192, 21017</i> | |

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Steel Pipe Cutters



- Hardened cutter wheel made of high alloy steel: Long service life
- Burr-free external cutting: Immediate thread cutting possible
- Optional cutter wheel for cast iron pipes

| CAT. NO. | DESCRIPTION | LB |
|----------|---|------|
| 70040 | 1 1/4" Pipe Cutter (O.D. 1/8" - 1 1/4") | 2.5 |
| 70046D | Cutter Wheel, 1 1/4", 3 pack | 0.5 |
| 70045 | 2" Pipe Cutter (O.D. 1/8" - 2") | 5.5 |
| 70051D | Cutter Wheel, 2", 3 pack | 0.5 |
| 70054 | Cutter Wheel for cast iron, 2" | 0.3 |
| P70045C | 2" Pipe Cutter for Plastic Coated Pipe (O.D. 1/8" - 2") | 5.5 |
| 70060 | 4" Pipe Cutter (O.D. 2" - 4") | 17.0 |
| 70061D | Cutter Wheel, 4", 2 pack | 0.5 |
| P70060C | 4" Pipe Cutter for Plastic Coated Pipe | 17.0 |

ROCUT® 26TC PEX Cutter



New direct cut action shear with a stainless steel blade for fast and accurate cuts on PEX, PE, PP, and CPVC plastic pipe.

| CAT. NO. | DESCRIPTION | LB |
|----------|--------------------------|-----|
| 52005 | ROCUT 26TC (Max O.D. 1") | 0.8 |

ROCUT® 32TC PEX Cutter



New light and sturdy cutter for PEX, PE, PP, CPVC, and multi-layer pipe. Blade is flat to "turn and cut."

| CAT. NO. | DESCRIPTION | LB |
|----------|------------------------------|-----|
| 52040 | ROCUT 32TC (Max O.D. 1 1/4") | 1.6 |
| 52041 | Replacement Blade | 0.3 |

ROCUT® Professional PVC Shears



For precise cutting of PVC, PP, PE, PEX, PB, and PVDF pipes.

- Double-sided blade and ratchet support: Precise force transfer and precise guided cutter feed
- Stainless steel blade with V-edge: Pin-point precision without deformation
- Releasing lever: Automatic, controlled opening of the blade at the push of a button
- Wide pipe support: Precise, right-angled cut
- Ideally meshed cutting curve: Minimum effort during cutting
- Safety lock

| CAT. NO. | DESCRIPTION | LB |
|----------|--|-----|
| 52000 | ROCUT® 42TC (Max O.D. 1 5/8", Sch. 40 PVC 1 1/4") | 1.0 |
| 52010R | ROCUT® 50TC (Max O.D. 2" Sch. 40 PVC 1 1/2") | 1.4 |
| 52030 | ROCUT® 63TC Teflon Coated Blade (Max O.D. 2 1/2", 40 PVC 2") | 1.4 |
| 52015 | ROCUT® 75TC (Max O.D. 3" Sch. 40 PVC 2 1/2") | 3.6 |
| 52042 | Replacement blade, 42TC | 0.3 |
| 52011 | Replacement blade, 50TC | 0.4 |
| 52031 | Replacement blade, 63TC | 0.4 |
| 52016 | Replacement blade, 75TC | 0.5 |
| 80205 | Replacement axle and nut | 0.1 |
| 5685004 | Replacement spring (42TC, 50TC, 63TC) | 0.3 |
| 5687504 | Replacement spring (75TC) | 0.3 |

ROCUT® Economy Plastic Pipe Shears



Standard action cutters provide a fast, clean cut on most types of plastic pipes.

| CAT. NO. | DESCRIPTION | LB |
|----------|--|-----|
| 55090E | ROCUT® 32 (Max O.D. 1 1/8", Sch. 40 PVC 1") | 1.2 |
| 55091E | ROCUT® 42 (Max O.D. 1 5/8" Sch. 40 PVC 1 1/4") | 1.6 |
| 55095E | ROCUT® 63 (Max O.D. 2 3/8" Sch. 40 PVC 2") | 3.5 |
| 50032 | Replacement blade, 32 | 0.5 |
| 50042 | Replacement blade, 42 | 0.8 |
| 50063 | Replacement blade, 63 | 1.5 |

DEBURRING & REAMING TOOLS

Universal Internal/External Deburring Tools



Quick and easy deburring. For copper, steel and stainless steel, with polished cutting bit made of hardened special steel, smooth-running.

| CAT. NO. | DESCRIPTION | LB |
|----------|---|-----|
| 70075 | For copper and stainless steel (O.D. 1/8" - 2") | 0.4 |
| 11006X | Heavy Duty, For copper and stainless steel (O.D. 1/8" - 1 3/8") | 0.3 |
| 11006R | For copper and plastic (O.D. 1/8" - 1 3/8") | 0.3 |

Ratchet Pipe Reamer 1/4" - 2"



Rapid and clean deburring of steel tubes, with smooth-running ratchet; cutting bit made of tempered steel.

| CAT. NO. | DESCRIPTION | LB |
|----------|--|-----|
| 70289 | Ratchet internal reamer (O.D. 1/4" - 2") | 5.9 |
| 70296 | Reamer blade | 0.5 |

Deburring Tools



For fast deburring of edges, tubes and sheets; replaceable blades.

| CAT. NO. | DESCRIPTION | LB |
|----------|---|-----|
| 21660 | Deburring tool with HSS deburring blade (blade not replaceable) | 0.1 |
| 21655 | Deburring tool with deburring blade no. 1 | 0.2 |
| 21652 | HSS deburring blade no. 1 universal, 1 pack | 0.3 |
| 21652B | HSS deburring blade no. 1 universal, 10 pack | 0.2 |

*HSS = High Speed Steel

INSTALLATION TOOLS

Strap and Fitting Wrench



Made of special aluminum alloy, with replaceable nylon strap.

- Safe to use on chrome-plated fittings: No damage to polished surfaces

| CAT. NO. | DESCRIPTION | LB |
|----------|--------------------------------|-----|
| 70240 | 12" Strap Wrench (Max O.D. 3") | 1.0 |
| 70241 | 12" Strap Wrench (Max O.D. 8") | 1.3 |
| 70268 | Strap for 70240 | 0.5 |
| 70269 | Strap for 70241 | 0.5 |

PIPE FREEZING

Freeze-Pak Instant Pipe Freezing Kit



Check out this product on YouTube! under **ROTHENBERGER FREEZE-PAK**

Foam sleeves wrap pipe and are fastened with plastic ties.



Quick Freeze is sprayed into center of foam wraps until frost appears on outside, indicating pipe section is frozen.



Repair is made between 2 frozen pipe sections.



The FREEZE-PAK is the ideal way to make quick repairs without draining or interruption of water supply. Quick Freeze spray produces a temporary ice plug in plumbing and heating systems that will last up to 30 minutes.

- Produces an ice plug in 10 minutes
- Works on copper, iron, lead or plastic pipes
- Works vertically and horizontally
- Safe to use - CFC free
- Size range: 1/4" - 1" O.D.

| CAT. NO. | DESCRIPTION | LB |
|----------|--|-----|
| 64004 | FREEZE-PAK Kit | 1.7 |
| 64002 | Foam pipe jacket replacement, 2 pieces | 0.3 |
| 64001 | Quick Freeze Spray replacement, 17.5 oz. (500 g) | 1.4 |

Kit includes 1 can Quick Freeze spray (64001), 2 foam pipe jackets, 4 plastic ties

SOLDERING AND BRAZING TORCHES

ROFIRE Hand Torch



Provides fast burner exchange with a flick of the wrist.

ROFIRE with Cyclone Burner

Self-igniting piezo ignition: Immediate flame at the push of a button!

- High-performance Piezo ignition: Reliable lighting up to 30,000 ignitions
- High-impact fiber-reinforced body
- Fine regulating valve: allows for precise flame adjustment
- Trigger on/off: Lights instantly; shuts off if dropped or released
- Trigger guard
- Locking button: Provides continuous flame for hands-free use
- Longer skirt for stability on the bottle: this reduces thread damage

| CAT. NO. | DESCRIPTION | LB |
|----------|--------------------|-----|
| 35415 | ROFIRE Hand Torch | 0.9 |
| 35431 | SUPERFIRE3 Torch | 1.5 |
| 35455 | Pin-point burner | 0.2 |
| 35456 | Standard burner | 0.2 |
| 35457 | Swirl-flame burner | 0.2 |
| 35458 | Hot-air burner | 0.5 |
| 35459 | Soft-flame burner | 0.8 |
| 31043 | Flame reflector | 0.2 |

SWEATBOX™ II



A handy kit that includes all the tools needed to sweat copper.

- SUPERFIRE3 Heavy Duty Torch (35431)
Swirl-flame burner tip
Reliable Piezo ignition
MAP-Pro™/propane anti-flare
- PRO 35 Tube Cutter (70027)
Cuts 1/4" - 1-3/8" O.D. copper
Bearing designed for smooth action
Spare cutter wheel in handle
Retractable reamer
- MINI MAX Tube Cutter (70015)
Cuts 1/4" - 1-1/8" O.D. copper
Compact design
Smooth actuation
Small working radius for confined spaces
- Carry case

| CAT. NO. | DESCRIPTION | LB |
|----------|--------------|-----|
| P20023 | SWEATBOX™ II | 2.8 |

Torch Reflector



Protects surrounding materials or walls when soldering pipes.

- Mounts onto most burner tips: Nothing separate to hold or attach to pipe
- Evenly heats pipe: Saves energy and time
- Durable stainless steel
- 2-1/2" wide

| CAT. NO. | DESCRIPTION | LB |
|----------|---|-----|
| 31043R | Torch Reflector (Mounting Dia. 5/8" - 7/8") | 0.2 |

ROFIRE Swivel Torches



Torch heads swivel 360° to make reaching the soldering area easier.

- Fast and easy soldering
- Cyclone burner
- Targeted, efficient heat output

| CAT. NO. | DESCRIPTION | LB |
|----------|---------------------------------|-----|
| 35016 | ROFIRE Swivel PRO Cyclone Piezo | 1.0 |
| 35014 | ROFIRE Swivel PRO Cyclone | 1.0 |
| 35012 | ROFIRE Swivel PRO Double Barrel | 1.0 |

MAPP® and Propane Gas



- Extremely high flame temperature, utmost burning performance
- Guaranteed constant top burner performance
- Poses no health risks (contains no BUTADIENE)
- Easy to use
- Increased user safety
- Longer periods of use

| CAT. NO. | DESCRIPTION | LB |
|----------|-------------|-----|
| 50012 | MAP-Pro™ | 2.0 |
| 50010 | Propane | 2.0 |

Plumber's 7-piece Repair Kit



All the tools you need for a typical repair job in a sturdy carrying case. Kit Includes: Heavy-duty tool bag (40231), ROTRAC 42 Plus (70021), 18" aluminum pipe wrench (70161), ROCUT 50TC shear (52010), ROFIRE swivel torch (35016), 10" plumber's pliers (70522), basin wrench (70225).

| CAT. NO. | DESCRIPTION | LB |
|----------|------------------------------|------|
| 70615 | Plumber's 7-piece repair kit | 17.8 |
| 40231 | Tool bag | 4.0 |

PIPE AND DRAIN INSPECTION SYSTEMS

ROSCOPE® 1000 Video Scope

NEW PRODUCT



69600



69605



69606

- Patented Self-leveling camera head keeps picture upright
- Ergonomic shape allows for single hand operation
- Dual core processor
- Records pictures and videos on SD card
- Zoom and scroll features
- Picture resolution 720x480
- Li-Ion battery

Modules:

Pipe 25/ 16 Module: 52' Line Detection Unit:

With the ROSCOPE® 1000 Set Pipe 25/16 module you can inspect pipes up to 4" O.D. The flexible camera head allows for 90° bends and precisely locating the camera head is simple with the integrated transmitter.

ROLOC PLUS:

Underground Line Detection Unit. Turn your ROSCOPE® 1000 into an underground line detection unit with the ROLOC PLUS module! The simple and clear menu design guides you step-by- step through the locating process. Choose different frequencies and pin-point the depth and location of the transmitter.

| CAT. NO. | DESCRIPTION |
|----------|---------------------------------|
| 69600 | ROSCOPE® 1000 Set |
| 69605 | ROSCOPE® 1000 Pipe 25/16 Module |
| 69606 | ROSCOPE® 1000 ROLOC PLUS |
| 69601 | ROSCOPE® 1000 TEC Module |
| 69615 | Hook, Magnet, Mirror |
| 69616 | Audio Ear Buds |
| 69604 | Extension (48"/1.2m) |
| 69618 | Replacement Battery |
| 69619 | Replacement Battery Charger |

ROSCOPE® 500



The ROSCOPE® 500 Waterproof hand-held Optical Imager is lightweight & compact. The cable maneuvers easily to navigate a 1-1/2" P-trap.

- Runs on (4) AA batteries
- Still Image Capture Capability
- USB cable included for image downloads
- Store over 2000 images
- 2.45" color LCD screen
- 180 degree image position capability

| CAT. NO. | DESCRIPTION | LB |
|----------|------------------------------------|-----|
| 69500NT | ROSCOPE® 500 | 5.1 |
| 92312 | Carry Case | - |
| 93060 | 6' extension | - |
| 93078 | USB Cable | - |
| 93089 | 14mm imager | - |
| 93090 | Accessory Kit (hook,magnet,mirror) | - |

DRAIN CLEANING EQUIPMENT

R600 Drain Cleaning Machine



For pipes 3/4" - 6" diameter, the R600 is ideal for installation and maintenance work in hospitals and municipal buildings.

- Reinforced guide hose sheathing with precision quick coupling: Safe, kink-free cable feed; prevents dirt ingress
- Die-cast aluminum frame and fiberglass reinforced side panels: Extremely light and sturdy
- Clamping device: For secure lengthening/shortening of cables
- Lockable drive lever: Serves as carrying handle
- Optional tri-pod stand: Provides safe, non-slip, higher position of machine when working on toilets and inspection holes
- Cable size 7/8" (22 mm) and 5/8" (16 mm)
- For pipe sizes: 3/4" - 6" (20 - 150 mm) dia.
- Maximum working length: 200 ft. (61 m) with 7/8" cables, 165 ft. (50 m) with 5/8" cables
- Rating: 0.4 kW (0.55 HP) RH and LH drive
- Speed: 467 rpm

Drive lever locked in stop position — serves as carrying handle



Manual feed is done by means of a working loop bend



| CAT. NO. | DESCRIPTION | LB |
|----------|---|-------|
| 72869V | R600V machine only | 46.0 |
| 72676 | R600 with accessories Includes: 5 x cables 7/8" dia. (72441), cable basket (72112), guide hose (72541), guide glove (72120), separating pin (72101), straight auger (72221), bulb auger (72263), spade head cutter (72261), funnel auger (72222), serrated forked cutter (72250) | 105.0 |
| 72541 | Guide Hose, 13 ft. | 6.0 |
| 72638 | Clutch Jaws with springs, R600 | 2.0 |
| 58182 | Tri-pod Stand, collapsible | 16.5 |
| 72101 | Separating Pin, 7/8", 1 1/4" | 0.1 |
| 72112 | Cable Basket for 7/8" cables, 74 ft. max | 3.6 |
| 72120 | Cable Guide Glove, left | 0.5 |
| 72121 | Cable Guide Glove, right | 0.5 |
| 72441 | Cable, 7/8" dia., 15' | 9.5 |



58182



72112

Cables not included

TEST PUMPS

RP50-S Precision Test Pump



For quick and exact compression testing and leak testing on pipe systems and containers in plumbing and heating installation, and in boiler and pressure vessel manufacture. Ideal for filling solar systems. Indispensable testing device for every installer. Fill and compression test in one work session, with water or oil.

- Twin valve system in monoblock design: constant pressure levels and reduction of leak-prone connections
- Steel reinforced test hose: no false reading from hose bulging
- Distortion proof handle with lockable arm and ergonomic rubber grip doubles as a carrying handle
- High performance: long-stroke for quick filling
- Testing and pressure range:
 - 0-60 bar, 1 bar steps
 - 0-860 psi, 20 psi steps
 - 0-6 MPa, 0.1 MPa steps
- 3.2 gallon tank capacity
- 1.5 oz/stroke suction capacity
- Dimensions: 28-1/2" L x 6-5/8" W x 10-1/4" H
- R 1/2" connection

| CAT. NO. | DESCRIPTION | LB |
|----------|-------------------|------|
| 60200 | RP50-S Test Pump | 16.0 |
| 60201 | RP50-S Repair Kit | 0.2 |

INTRODUCING OUR...

FACTORY WARRANTY SERVICE CENTER

The Greenlee Factory Service Center (GFSC) offers quality repair of select Greenlee products that meet original manufacturing specifications and includes:

- Service performed by skilled factory technicians.
- Quick Repair with genuine Greenlee specified parts.
- Complete performance and safety inspection.
- Replacement of damaged and worn parts.
- Direct support of factory engineers.
- Factory diagnostic equipment to properly reprogram Gator® battery tools to factory specifications.
- All warranty repairs for Gator® battery tools.

Greenlee tools that can be sent to GFSC for repair include all models of Gator® battery tools, hydraulic tools, hydraulic powered tools (Greenlee Utility or Fairmont), benders and pullers.

1.800.435.0786
factoryserv@greenlee.textron.com
www.greenlee.com

USA Regional Warranty Centers

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BIRMINGHAM

Alabama Jack Co.
1140 5th Ave. N 35203-1502
Telephone: 205-251-8156

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Glendale Industrial
2224 N. 23rd Ave. 85009
Telephone: 602-218-4149

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812 Baseline Pl. #4 80603
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Telephone: 808-597-8051

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KENTUCKY

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Bailey Tool
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Beerman Precision
4206 Howard Ave. 70125-1327
Telephone: 504-207-6037

MARYLAND

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White Cap Supply
1200 66th St. 21237-2541
Telephone: 410-483-4300

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8051 Penn Randal Pl. 20772
Telephone: 301-967-2844

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1800 NW 169th Place, Suite D300 97006
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Western Utility
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Telephone: 403-291-1121

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WINNIPEG

Athena Small Equipment Repair
1125 Empress St. R3E 3H1
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The Tool Doctor – Kitchener
30 Manitou Dr. Unit C N2C 1L3
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SCARBOROUGH

The Tool Doctor – Ontario
70 Milner Ave. Unit 2 M1S 3P8
Telephone: 416-292-2290

QUEBEC

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Inolec
100 Port-Royal St. East H3L 1H7
Telephone: 514-384-9021

QUEBEC

Service d'Outillage Central
2410 Boul Central G1P 3N8
Telephone: 418-682-0560

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Cal-Lab Instrumentation
4120 Steeles Ave. West Unit 5 L4L 4V2
Telephone: 905-850-8826

QUEBEC

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ITM Instruments
20800 Industrial Blvd. H9X 01A
Telephone: 514-457-7280

For additional non-warranty service center locations, please contact Greenlee Customer Support at 800-435-0786.

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Greenlee Textron Inc. warrants to the original purchaser of these goods for use, that these products will be free from defects in workmanship and material for their useful life, excepting normal wear and abuse. This warranty is subject to the same terms and conditions contained in Greenlee Textron Inc.'s standard one-year limited warranty.

*See below for information regarding product returns.

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Note: Prior to returning any test instrument, please check replaceable batteries or make sure the battery is at full charge.

Many end user customers require assurance of product performance. Proof of accuracy and precision of an instrument is often required. This requirement may be a result of ISO procedures or customer quality audit requirements. Greenlee Textron Inc. can provide calibration service for specifically marked hand-held electrical test equipment. Calibration assures the customer that the instrument has been checked and/or calibrated using equipment that is checked and calibrated to standards that are traceable to the National Institute for Standards and Technology (NIST). Products currently included are all clamp meters, professional series Digital Multimeters and megohmmeters. A certificate will be provided.

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