Quality Tools for Installing Power Cable Systems

Speed Systems tools are proudly manufactured in the U.S.A.

Speed Systems, Inc. • PO Box 581 • Brookfield • WI 53008-0581
Ph: 262-784-8701 • Fax: 262-784-8703 • www.spdsystems.com
Installing Power Cable Systems

Speed Systems has been manufacturing quality, field-tested products since 1970. Our tools are designed and built in our manufacturing facility in Brookfield, Wisconsin.

We focus on safety, efficiency, ergonomics and value as we design and build tools to meet specific customer needs. We offer solutions for preparing primary and secondary cable for termination, as well as products for installing specific cable system components.

We take pride in supplying high quality tools and look forward to working with you on your specific applications or needs.

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NEW Tools

2900-LS

The Model 2900-LS Stick Operable Aerial Tree Wire and Spacer Cable Insulation Stripper provides a stick operable means for removing insulation on 5kV through 35kV aerial tree wire and spacer cable.
- Stick Operable
- Works on 5kV, 15kV, 25kV and 35kV
- Aerial Tree Wire and Spacer Cable
- Adjustable blade depth for insulation up to 300 mils
- No bushings required
- Field-replaceable blade
- Unlimited strip length
- Reversible positioning jaw for large or small cables

2750-DO

The Model 2750-DO (Secondary Cable Stripper is a drill-operated version of our standard Model 2750 designed to end-strip 600V cable. No bushings are required to adjust the tool to varying cable diameters and insulation thickness.
- Drill Operated
- No bushings required
- End strips 600V insulation (45 mil to 110 mil thickness)
- #4 thru 1000 MCM
- .075" to 3.5" stripback length

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- Aerial Tree Wire and Spacer Cable
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2750-DO

The Model 2750-DO Secondary Cable Stripper is a drill-operated version of our standard Model 2750 designed to end-strip 600V cable. No bushings are required to adjust the tool to varying cable diameters and insulation thickness.

- Drill Operated
- No bushings required
- End strips 600V insulation (45 mil to 110 mil thickness)
- #4 thru 1000 MCM
- .075” to 3.5” stripback length

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Primary Cable Prep

Underground  •  Jacket Removal

Neutral Winder

The Neutral Winder is designed to remove the outer jacket on underground power cable with embedded neutral wires. The end of one of the neutral wires is inserted through the center cross-hole and is wound up as it is pulled through the jacket as the tool is rolled along the axis of the cable. This method of jacket removal reduces neutral wire damage or breakage while splitting the outer jacket.

The Neutral Winder will not work on jacketed cable that has a ripcord or with a Mylar, plastic or tape layer between the neutral wire and the jacket. The tool includes a 3/8” drive in the hub.

LPW-R Series Probe Wrenches

The LPW1525/TK120X-N and LPW35R/TK120X-N combine the torque limiting probe installation features of the LPW Series Loadbreak Probe Wrench with an added Neutral Winding Groove and cross hole providing neutral winding capability for removal of the outer jacket.

The Neutral Winder will not work on jacketed cable that has a ripcord or with a Mylar, plastic or tape layer between the neutral wire and the jacket. The Neutral Winder reduces neutral wire damage or breakage while splitting the outer jacket. The LPW1525/TK120X-N fits all 15kV and 25kV elbows and Elastimold 35kV elbows. The LPW35R/TK120X-N only fits the large interface Eaton (Cooper/RTE) and Hubbell (Chardon) 35kV elbows.

Underground  •  Insulation Removal

1542-2CL Series Insulation Stripper

The 1542-2CL Series Insulation Stripper is designed to remove PE, XLP, EPR and other types of insulation from power cable. The tool provides precise blade depth adjustment and maximizes the reliability of installation. No bushings are required.

KV Class / Conductor Size

- 5kV / 1000 MCM and smaller
- 15kV / 750 MCM and smaller
- 25kV / 350 MCM and smaller
- 35kV / 3/0 and smaller

For larger cables refer to Mark I, Mark II and Mark III tools.

1542-2AS Series Combination Strippers

The 1542-2AS Series Stripper is designed to remove PE, XLP, EPR and other types of insulation from power cable, as well as score the cable’s semi-conductive outer shield with precise accuracy. The 1542-2AS combines the features of the 1542-2CL Speed Stripper and 1700 Semi-Con Scorer. The tool provides precise blade depth adjustment and maximizes the reliability of installation. No bushings are required.

KV Class / Conductor Size

- 5kV / 1000 MCM and smaller
- 15kV / 750 MCM and smaller
- 25kV / 350 MCM and smaller
- 35kV / 3/0 and smaller

For larger cables refer to Mark I, Mark II and Mark III tools.
Underground • Jacket Removal

Neutral Winder

The Neutral Winder is designed to remove the outer jacket on underground power cable with embedded neutral wires. The end of one of the neutral wires is inserted through the center cross-hole and is wound up as it is pulled through the jacket as the tool is rolled along the axis of the cable. This method of jacket removal reduces neutral wire damage or breakage while splitting the outer jacket.

The Neutral Winder will not work on jacketed cable that has a ripcord or with a Mylar, plastic or tape layer between the neutral wire and the jacket. The tool includes a 3/8” drive in the hub.

LPW-N Series Probe Wrenches

The LPW1525/TK120X-N and LPW35R/TK120X-N combine the torque limiting probe installation features of the LPW Series Loadbreak Probe Wrench with an added Neutral Winding Groove and cross hole providing neutral winding capability for removal of the outer jacket.

The Neutral Winder will not work on jacketed cable that has a ripcord or with a Mylar, plastic or tape layer between the neutral wire and the jacket.

The Neutral Winder reduces neutral wire damage or breakage while splitting the outer jacket. The LPW1525/TK120X-N fits all 15kV and 25kV elbows and Elastimold 35kV elbows. The LPW35R/TK120X-N only fits the large interface Eaton (Copper/RITE) and Hubbell (Chardon) 35kV elbows.

1542-2CL Series Insulation Stripper

Cable O.D. Range 1/2” to 1-3/4” (12.7 - 44.5 mm)

The 1542-2CL Series Stripper is designed to remove PE, XLP, EPR and other types of insulation from power cable. The tool provides precise blade depth adjustment and maximizes the reliability of installation.

No bushings are required.

KV Class / Conductor Size
- 5kV / 1000 MCM and smaller
- 15kV / 750 MCM and smaller
- 25kV / 350 MCM and smaller
- 35kV / 3/0 and smaller

For larger cables refer to Mark I, Mark II and Mark III tools.

1542-2AS Series Combination Stripper

Cable O.D. Range 1/2” to 1-3/4” (12.7 - 44.5 mm)

The 1542-2AS Series Stripper combines the features of the 1542-2CL Speed Stripper and 1700 Semi-Con Scorer. The tool provides precise blade depth adjustment and maximizes the reliability of installation.

No bushings are required.

KV Class / Conductor Size
- 5kV / 1000 MCM and smaller
- 15kV / 750 MCM and smaller
- 25kV / 350 MCM and smaller
- 35kV / 3/0 and smaller

For larger cables refer to Mark I, Mark II and Mark III tools.
Speed Systems offers a complete line of replacement blades, tool stops and accessories.

1542 Series Accessories

1542X - Scale Gauge
- Measures stripback

1590X - Small Cable Adapter
- For cables 5/16" to 1/2" (8.0 - 12.7 mm)

Split Handle
- Allows folding handle and 5 to catalog number (i.e. 1542-JCL-1S)

2649 - Chamfering Tool/Scale Gauge
- 2672 Replacement Chamfering Blade (see page 11)

1562 - Wedge Blade (AL/EPR) (see page 11)

1581 - Straight Blade
- Straight Blade (Kerite) (see page 11)

1678 - Scoring Blade
- (see page 11)

1905X - Tool Stop

Mark Series Strippers combine heavy-duty design with precision components. Heat-treated rollers are angle mounted for better cable feed and reduced drag on the cable surface as the tool is rotated.

The adjustable side frames eliminate the need for sizing bushings or adapters, and are clamped to the cable with knurled thumb nuts.

A Tool Stop accessory is available to ensure an accurate square cut every time.

For cables with the semi-con bonded to the insulation, the AO13 blade is available to shave off the semi-con layer (see page 11).

Mark I
- With AO11 Wedge Blade for cable O.D. Range 3/4" to 2" (19.1 - 50.8 mm) Shown with Tool Stop Accessory (sold separately)

Mark II
- With AO11 Wedge Blade for cable O.D. Range 1-3/4" to 3" (44.5 - 76.2 mm) Shown with Tool Stop Accessory (sold separately)

Mark III
- With AO10 Blade for 69kV - 138kV Cables for Cable O.D. Range 1-3/4" to 3" (44.5 - 76.2 mm) (not shown)

AO10 - Large Blade
- For cable - 138kV cables only fits the Mark II-10 and Mark III tools (see page 11)

AO11 - Wedge Blade (see page 11)

AO12 - Straight Blade (see page 11)

AO13 - Shaving Blade
- For bonded semi-con (see page 11)
Primary Cable Prep

Underground • Insulation Removal

Speed Systems offers a complete line of replacement blades, tool stops and accessories.

1542 Series Accessories

1542X - Scale Gauge
Measures stripback

1590X - Small Cable Adapter
For cables 5/16” to 1”
(8.0 - 12.7 mm)

Split Handle

2649 - Chamfering Tool/Scale Gauge
(2672 Replacement Chamfering Blade
[see page 11])

1591 - Straight Blade
Straight Blade (Handle)
[see page 11]

1592 - Wedge Blade
Wedge Blade (AO/EP) [see page 11]

1646X - Tool Stop

1670 - Scoring Blade
[see page 11]

AO10 - Large Blade
For cables up to 138kV - 138kV cables (only fits the Mark II-10 and Mark III tools)
[see page 11]

AO11 - Wedge Blade
[see page 11]

AO12 - Straight Blade
[see page 11]

AO13 - Shaving Blade
For bonded semi-con
[see page 11]

1650X - Tool Stop Accessory

1590X - Small Cable Adapter
For cables 5/16” to ½”
(8.0 - 12.7 mm)

AO10 - Large Blade
For cables up to 138kV - 138kV cables (only fits the Mark II-10 and Mark III tools)
[see page 11]

AO11 - Wedge Blade
[see page 11]

AO12 - Straight Blade
[see page 11]

AO13 - Shaving Blade
For bonded semi-con
[see page 11]

Underground • Insulation Removal

Mark Series

The Mark Series Strippers combine heavy-duty design with precision components. Heat-treated rollers are angle mounted for better cable feed and reduced drag on the cable surface as the tool is rotated.

The adjustable side frames eliminate the need for sizing bushings or adapters, and are clamped to the cable with knurled thumb nuts.

A Tool Stop accessory is available to ensure an accurate square cut every time.

For cables with the semi-con bonded to the insulation, the AO13 blade is available to shave off the semi-con layer [see page 11].

Mark I
With AO11 Wedge Blade for Cable O.D. Range
3/4” to 2” (19.1 - 50.8 mm) Shown with Tool Stop Accessory (sold separately)

Mark II
With AO11 Wedge Blade for Cable O.D. Range
1-3/4” to 3” (44.5 - 76.2 mm) Shown with Tool Stop Accessory (sold separately)

Mark II-10
With AO10 Blade for 69kV - 138kV Cables
for Cable O.D. Range 1-3/4” to 3”
(44.5 - 76.2 mm) (not shown)

Mark III
With AO10 Blade for Cable O.D.
Range 2-3/4” to 4”
(69.9-101.6 mm)
Includes Tool Stop Accessory

Mark I
AO11 - Wedge Blade (see page 11)

AO12 - Straight Blade (see page 11)

AO13 - Shaving Blade (see page 11)

www.spdsystems.com
Underground • Semi-Con Scoring

1700SS Adjustable Blade Series
Cable O.D. 1/2" to 2" (12.7 - 50.8 mm)
The 1700 Series Semi-Con Scorers have adjustable blade depth (.001" - .100") for scoring (scribing) the semi-conductive shield of medium voltage cable so the semi-con can be removed without nicking or damaging the cable insulation.
The tool switches between the square and spiral cutting functions without removing it from the cable. Leaf springs maintain constant pressure during operation.

1700-SS - Adjustable Blade Scorer
With square cut/spiral cut and dial locking set screw (shown)

1700-SS-LC - Adjustable Blade Scorer
With square cut/spiral cut and dial locking set screw - Saddle relief for close-in cut

Underground • Semi-Con Scoring

1701 Fixed Blade Series
Cable O.D. 1/2" to 2" (12.7 - 50.8 mm)
The 1701 has a fixed blade depth for scoring (scribing) the semi-conductive shield of medium voltage cable so the semi-con can be removed without nicking or damaging the cable insulation.
The tool switches between the square and spiral cutting functions without removing it from the cable. Leaf springs maintain constant pressure during operation.

1701 - Fixed Blade Scorer
.023" blade depth

1701-1 - Fixed Blade Scorer
.028" blade depth

1701-2 - Fixed Blade Scorer
.033" blade depth

Consult the factory for other blade depths, any blade depth from .010" to .095" is available from the factory.

1678 - Scoring Replacement Blades
All scoring tools (see page 11)

Underground • Semi-Con Scoring

1800SS Adjustable Blade Series
Cable O.D. 1-3/4" to 3" (44.5 - 76.2 mm)
The 1800 Series Semi-Con Scorers have adjustable blade depth (.001" - .100") for scoring (scribing) the semi-conductive shield of medium voltage cable so the semi-con can be removed without nicking or damaging the cable insulation.
The tool switches between the square and spiral cutting functions without removing it from the cable. Coil springs maintain constant pressure during operation.

1800SS - Adjustable Blade Scorer
With square/spiral cut - dial locking set screw (shown)

1800-SS-LC - Adjustable Blade Scorer
With square cut/spiral cut and dial locking set screw - Saddle relief for close-in cut

Underground • Semi-Con Scoring

1801 Fixed Blade Series
Cable O.D. 1-3/4" to 3" (44.5 - 76.2 mm)
The 1801 has a fixed blade depth for scoring (scribing) the semi-conductive shield of medium voltage cable so the semi-con can be removed without nicking or damaging the cable insulation.
The tool switches between the square and spiral cutting functions without removing it from the cable. Coil springs maintain constant pressure during operation.

1801 - Fixed Blade Scorer
Specify blade depth
Any blade depth from .010" to .095" is available from the factory.
Underground  •  Semi-Con Scoring

1700SS Adjustable Blade Series
Cable O.D. 1/2” to 2” (12.7 - 50.8 mm)
The 1700 Series Semi-Con Scorers have adjustable blade depth (.001” - .100”) for scoring (scribing) the semi-conductive shield of medium voltage cable so the semi-con can be removed without nicking or damaging the cable insulation.
The tool switches between the square and spiral cutting functions without removing it from the cable. Leaf springs maintain constant pressure during operation.

1700-SS - Adjustable Blade Scorer
With square cut/spiral cut and dial locking set screw (shown)
1700-SS-LC - Adjustable Blade Scorer
With square cut/spiral cut and dial locking set screw - Saddle relief for close-in cut

Underground  •  Semi-Con Scoring

1701 Fixed Blade Series
Cable O.D. 1/2” to 2” (12.7 - 50.8 mm)
The 1701 has a fixed blade depth for scoring (scribing) the semi-conductive shield of medium voltage cable so the semi-con can be removed without nicking or damaging the cable insulation.
The tool switches between the square and spiral cutting functions without removing it from the cable. Leaf springs maintain constant pressure during operation.

1701 - Fixed Blade Scorer
.023” blade depth
1701-1 - Fixed Blade Scorer
.028” blade depth
1701-2 - Fixed Blade Scorer
.033” blade depth
Consult the factory for other blade depths.
Any blade depth from .010” to .095” is available from the factory.

Underground  •  Semi-Con Scoring

1800SS Adjustable Blade Series
Cable O.D. 1-3/4” to 3” (44.5 - 76.2 mm)
The 1800 Series Semi-Con Scorers have adjustable blade depth (.001” - .100”) for scoring (scribing) the semi-conductive shield of medium voltage cable so the semi-con can be removed without nicking or damaging the cable insulation.
The tool switches between the square and spiral cutting functions without removing it from the cable. Coil springs maintain constant pressure during operation.

1800SS - Adjustable Blade Scorer
With square/spiral cut - dial locking set screw (shown)
1800-SS-LC - Adjustable Blade Scorer
With square cut/spiral cut and dial locking set screw - Saddle relief for close-in cut

1801 Fixed Blade Series
Cable O.D. 1-3/4” to 3” (44.5 - 76.2 mm)
The 1801 has a fixed blade depth for scoring (scribing) the semi-conductive shield of medium voltage cable so the semi-con can be removed without nicking or damaging the cable insulation.
The tool switches between the square and spiral cutting functions without removing it from the cable. Coil springs maintain constant pressure during operation.

1801 - Fixed Blade Scorer
Specify blade depth.
Any blade depth from .010” to .095” is available from the factory.
Underground Chamfering Tools

**CT Series**

Chamfering Tools cut a 45 degree bevel on the cable insulation to ease installation into molded rubber components. The CT Series tools are adjustable, with no bushings or adapters required. The 2689 Chamfering Tool/Scale Gauge fits the 1542 Series Strippers to provide both scale gauge and chamfering capabilities.

- **CT-1** - Chamfering Tool
  - For 5/16" to 3/8" cables (12.7 - 29.9 mm)

- **CT-2** - Chamfering Tool
  - For 1/4" to 2/3" cables (12.7 - 60.9 mm)

- **2689** - Chamfering Tool/Scale Gauge
  - (2672 Replacement Chamfering Blade)

**Cuts insulation 45°**

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**Secondary Cable Prep**

**Underground End Strip**

**2750**

Cable OD: .31" to 1.375" (7.9 - 35.3 mm)

The Model 2750 Secondary Cable Stripper is designed to end-strip 600V cable. The tool is adjustable and strips #4 through 1000 MCM cable with 45 mil through 110 mil insulation thickness with no bushings required. It has an unlimited strip length.

**Cut with 3157 Chamfer Blade**

**2750-DO**

Cable OD: .31" to 1.375" (7.9 - 33.3 mm)

The Model 2750-DO Secondary Cable Stripper is a drill-operated version of our standard Model 2750 that designed to end-strip 600V cable. No bushings are required to adjust the tool to varying cable diameters and insulation thickness.

Drill Operated. No bushings required. End strips 600V insulation (45 mil to 110 mil thickness), #4 thru 1000 MCM, 0.75" to 3.5" stripback length.

**Underground End and Mid Span Strip**

**2850**

Cable OD: .31" to 1.375" (7.9 - 33.3 mm)

The Model 2850 Secondary Cable Stripper is designed to both end-strip and mid-span strip 600V cable. The tool is adjustable and strips #4 through 1000 MCM cable with 45 mil through 110 mil insulation thickness with no bushings required. It has an unlimited strip length.

**2850-DO** - Secondary Mid-Span Stripper

**2850S** - Secondary Mid-Span Stripper

Cable OD: .31" to .72" (7.9 - 18.3 mm)

Short Version for use in cable spacers or with limited workspace (not shown).

**Cut with 2781 Blade**

**Cut with 3157 Chamfer Blade**

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For more information, visit: www.spdsystems.com

Phone: 262-784-8701
Underground Cable Prep

Chamfering Tools

CT Series

Chamfering Tools cut a 45-degree bevel on the cable insulation to ease installation into molded rubber components. The CT Series tools are adjustable, with no bushings or adapters required. The 2689 Chamfering Tool/Scale Gauge fits the 1542 Series Strippers to provide both scale gauge and chamfering capabilities.

CT-1 - Chamfering Tool
For 1/2" to 7/8" cables
(12.7 - 24.9 mm)

CT-2 - Chamfering Tool
For 1-1/4" to 2-3/4" cables
(31.8 - 69.9 mm)

2689 - Chamfering Tool/Scale Gauge
(2672 Replacement Chamfering Blade
(see page 11)

Cuts insulation 45°

2750 - Secondary Cable Stripper

Cable OD: .31" to 1.375" (7.9 - 33.3 mm)
The Model 2750 Secondary Cable Stripper is designed to end-strip 600V cable. The tool is adjustable and strips #4 through 1000 MCM cable with 45 mil through 110 mil insulation thickness with no bushings required. It has an unlimited strip length.

Drill Operated. No bushings required. End strips 600V insulation (45 mil to 110 mil thickness). #4 thru 1000 MCM, 0.75" to 3.5" stripback length.

2850 - Secondary Mid-Span Stripper

Cable OD: .31" to 1.375" (7.9 - 33.3 mm)
The Model 2850 Secondary Mid-Span Stripper is designed to both end-strip and mid-span strip 600V cable. The tool is adjustable and strips #4 through 1000 MCM cable with 45 mil through 110 mil insulation thickness with no bushings required. It has an unlimited strip length.

2750-DO

Drill Operated. No bushings required. End strips 600V insulation (45 mil to 110 mil thickness). #4 thru 1000 MCM, 0.75" to 3.5" stripback length.

Underground End Strip

Cut with 2781 Blade

(see page 11)

Cut with 3157 Chamfer Blade
(see page 11)
Speed Systems Covered Tap Wire Strippers are specifically designed to perform end and mid-span strips on covered tap wire. Cable samples may be required to ensure the tool is properly sized for the specific cable being stripped.

### Aerial Tree Wire and Spacer Cable

#### 2900 Series
The Model 2900 Aerial Tree Wire and Spacer Cable Stripper performs both end and mid-span strips on 5kV through 35kV Aerial Tree Wire and Spacer Cables. The tool is fully adjustable and requires no bushings. The blade adjusts for insulation up to 300 mils thick and is field replaceable. The 2900 Series Aerial Tree Wire and Spacer Cable Strippers allow unlimited strip length.

#### 2900-LS Aerial Tree Wire and Spacer Cable
The Model 2900-LS Stick Operable Aerial Tree Wire and Spacer Cable Insulation Stripper provides a stick operable means for removing insulation on 5kV through 35kV aerial tree wire and spacer cable.

- **AO11 Wedge Blade**
  - Has a small foot at the bottom of the blade to assist in lifting the insulation away from the conductor as you strip the cable. It is designed to strip 69kV to 138kV cables.
  - Only used on the Mark II-10 and Mark III strippers.

- **AO12 Straight Blade**
  - Has a small foot at the bottom of the blade to assist in lifting the insulation away from the conductor as you strip the cable.
  - Typically only required when stripping very soft EPR rubber insulated cables. Virtually all XLP and most EPR cables can be stripped using the AO11 Wedge Blade.

- **AO13 Semi-Con Shaving Blade**
  - Fits on all of the Mark Series Strippers. It is used to shave bonded semi-conductive layer on those cables with bonded semi-con. Some sanding is likely necessary after shaving bonded semi-con.

#### 3050 Series
3050 Covered Tap Wire Stripper is designed to work with 4/0 conductor wire with 150 mils of insulation. It is the correct choice for almost all applications. We normally recommend using the AO13 Semi-Con Shaving Blade to remove insulation on 5kV through 35kV aerial tree wire and spacer cable.

<table>
<thead>
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<th>Tool Series Number</th>
<th>Insulation Thickness</th>
<th>Cable Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>3050-LS</td>
<td>H</td>
<td>Southwire</td>
</tr>
<tr>
<td></td>
<td>150</td>
<td>Kerite</td>
</tr>
<tr>
<td></td>
<td>300</td>
<td>Hendrix</td>
</tr>
</tbody>
</table>

### Blades

#### 1542 Series Blades

- **1562 Wedge Blade**
  - The 1562 Wedge Blade has a small foot at the bottom of the blade to assist in lifting the insulation away from the conductor as you strip the cable.
  - It is designed to strip 69kV to 138kV cables. It has a larger web than the standard AO11 blade to provide additional strength when stripping the thicker insulation of those cables.

- **1562 Wedge Blade**
  - Has a small foot at the bottom of the blade to assist in lifting the insulation away from the conductor as you strip the cable.
  - Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

- **1581 Straight Blade**
  - The 1581 Straight Blade is typically only required when stripping very soft EPR (Kerite brand) insulated cables.

#### Mark Series Stripping Blades

- **AO10 Large Blade**
  - Only used on the Mark II-10 and Mark III strippers.
  - It is designed to strip 69kV to 138kV cables. It has a larger web than the standard AO11 blade to provide additional strength when stripping the thicker insulation of those cables.

- **AO11 Wedge Blade**
  - Has a small foot at the bottom of the blade to assist in lifting the insulation away from the conductor as you strip the cable.
  - Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

- **AO13 Semi-Con Shaving Blade**
  - Fits on all of the Mark Series Strippers. It is used to shave bonded semi-conductive layer on those cables with bonded semi-con. Some sanding is likely necessary after shaving bonded semi-con.

#### Secondary Stripping Blades

- **2781 Blade**
  - The 2781 Blade is used in the 2750 Adjustable Secondary End Stripper
  - The 2781 Blade is used in the 2750 Adjustable Secondary End Stripper

- **2787 Chamfering Blade**
  - The 2787 Chamfering Blade is used in the CT-1 and CT-2 to cut a small bevel on the edge of the insulation to ease insertion into molded rubber components.

### Speciality Cable Prep

Some sanding is likely necessary after shaving bonded semi-con. For stripping bonded semi-con, a small foot at the bottom of the blade is required to assist in lifting the insulation away from the conductor as you strip the cable. It is recommended using the AO13 Semi-Con Shaving Blade to remove insulation on 5kV through 35kV aerial tree wire and spacer cable.

- **AO13 Semi-Con Shaving Blade**
  - Fits on all of the Mark Series Strippers. It is used to shave bonded semi-con. Some sanding is likely necessary after shaving bonded semi-con.

- **AO10 Large Blade**
  - Only used on the Mark II-10 and Mark III strippers.
  - It is designed to strip 69kV to 138kV cables. It has a larger web than the standard AO11 blade to provide additional strength when stripping the thicker insulation of those cables.

- **AO11 Wedge Blade**
  - Has a small foot at the bottom of the blade to assist in lifting the insulation away from the conductor as you strip the cable.
  - Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

- **AO13 Semi-Con Shaving Blade**
  - Fits on all of the Mark Series Strippers. It is used to shave bonded semi-conductive layer on those cables with bonded semi-con. Some sanding is likely necessary after shaving bonded semi-con.

#### AO11 Wedge Blade
- Has a small foot at the bottom of the blade to assist in lifting the insulation away from the conductor as you strip the cable.
- Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

#### AO12 Straight Blade
- Has a small foot at the bottom of the blade to assist in lifting the insulation away from the conductor as you strip the cable.
- Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

#### AO13 Semi-Con Shaving Blade
- Fits on all of the Mark Series Strippers. It is used to shave bonded semi-conductive layer on those cables with bonded semi-con. Some sanding is likely necessary after shaving bonded semi-con.
**Aerial Tree Wire and Spacer Cable**

### 2900 Series

The Model 2900 Aerial Tree Wire and Spacer Cable Stripper performs both end and mid-span strips on 5kV through 35kV Aerial Tree Wire and Spacer Cables.

- The tool is fully adjustable and requires no bushings. The blade adjusts for insulation up to 300 mils thick and is field replaceable.
- The 2900 Series Aerial Tree Wire and Spacer Cable Strippers allow unlimited strip length.

### 2900-LS

The Model 2900-LS Stick Operable Aerial Tree Wire and Spacer Cable Insulation Stripper provides a stick operable means for removing insulation on 5kV through 35kV aerial tree wire and spacer cables.

- Stick Operable Works on 5kV, 15kV, 25kV and 35kV Aerial Tree Wire and Spacer Cable with adjustable blade depth for insulation up to 300 mils. No bushings required. Field-replaceable blade.
- Unlimited strip length. Reversible positioning jaw.

### 3050 Covered Tap Wire Strippers (Available Configurations)

In the example below, the part number 3050 #4 150 SLD-H refers to a tool for stripping Hendrix #4 solid conductor wire with 150 mils of insulation.

<table>
<thead>
<tr>
<th>Tool Setup Number</th>
<th>Insulation Thickness</th>
<th>Cable Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>3050</td>
<td>H</td>
<td>SLD</td>
</tr>
</tbody>
</table>

- **Conductor Size**: #0, #1, #2, #3, #4
- **Conductor Type**: H=Hendrix, S=Southwire, N=Northern

**AO11 Large Blade**

- Only used on the Mark II-10 and Mark II strippers.
- It is designed to strip 69kV to 138kV insulated cables. It has a larger web than the standard AO11 blade to provide additional strength when stripping the thicker insulation of those cables.

**AO12 Wedge Blade**

- Has a small foot at the bottom of the blade to assist in lifting the insulation away from the conductor as you strip the cable. The AO11 Wedge Blade is the correct choice for almost all applications. We normally recommend using the Straight Blade only if the Wedge Blade is unable to strip your specific cable. This is typically only true when stripping extremely soft EPR insulated cables. Virtually all XLP and most EPR cables can be stripped using the 1562 Wedge Blade.

**AO13 Chamfering Blade**

- Typically only required when stripping very soft EPR (Kerite brand) insulated cables. Virtually all XLP and most EPR cables can be stripped using the AO13 Chamfering Blade.

**AO10 Semi-Con Shaver Blade**

- Fits on all of the Mark Series Strippers. It is used to remove the semi-conductive layer on those cables with bonded semi-con. Some sanding is likely necessary after shaving bonded semi-con.
**Bushing Insert Tools - 200A**

**BIT/E180 Series**
The BIT/E180 Series Bushing Insert Tool provides preset torque for installation and removal of bushing inserts with a 5/16” internal hex socket. Available in both T-Handle (AT) and OP eye (AH) versions. The torque limiter locks when reversing, allowing the tool to be used to remove bushing inserts.

**BIT/E180AT**
Bushing Insert Tool with Torque Limiter and T-Handle 5/16” hex shaft

**BIT/E180AH**
Bushing Insert Tool with Torque Limiter and Operating Eye 5/16” hex shaft

**BIT/TK Series**
The Bushing Insert Tool is designed to provide operating personnel with an effective and reliable means of installation and removal of bushing inserts, especially those without an internal 5/16” socket. The tool has a nut to allow use of a wrench for removing bushing inserts. The -N version is for use on non-loadbreak bushings only.

**BIT/TK120S-Q**
Bushing Insert Tool with TorKey
Fits loadbreak bushing inserts (shown)

**BIT/TK120S-R**
Bushing Insert Tool with TorKey
Fits deadbreak bushing inserts (not shown)

**TK120S**
Replacement torque limiter

**Bushing Insert Tools - 600A**

**LRTP Series**
The LRTP® Series Bushing Insert Tool provides preset torque for installation and removal of 600A reducing tap plug bushings with a 5/16” and/or 3/8” internal hex socket requiring 20 ft-lbs of torque. The torque limiter locks when reversing, allowing the tool to be used for bushing removal. Consult component manufacturer for torque requirements.

**LRTP/TK240AT**
Bushing Insert Tool for 600A LRTP with T-Handle and 240 in-lb torque limiter

**LRTP/TK240AH**
Bushing Insert Tool for 600A LRTP with OP Eye and 240 in-lb torque limiter

**LRTP/TK55 Series**
The LRTP® Series Bushing Insert Tool provides preset torque for installation and removal of 600A reducing tap plug bushings with a 5/16” and/or 3/8” internal hex socket requiring 50 to 60 ft-lbs of torque. Can also be used for bushing removal. Consult component manufacturer for torque requirements.

**LRTP/TK55**
Bushing Insert Tool for 600A LRTP with 55 ft-lb torque limiter and 7/16” drive

**LRTP/TK55-38S**
Bushing Insert Tool for 600A LRTP with 55 ft-lb torque limiter, 3/8” shaft and 7/16” drive

**LRTP/TK55H**
Bushing Insert Tool for 600A LRTP with 55 ft-lb torque limiter and OP Eye

**TPH-1 Tap Plug Holder**
The TPH-1 600A Tap Plug Holder provides a means of holding a 600A component in position on the torquing tool shaft when installing or removing the component in hard to reach locations. The TPH-1 shaft fits through the TPH-1 and into the insert to hold the insert snugly when installing the component in a vertical position.

**600A Accessories**
The LRTP-12 provides for installation and removal of 600A reducing tap plug bushings with a 5/16” internal hex socket. The LRTP-12 requires a separate torque wrench. The TW516-13 and W516-13 provides a 5/16” hex shaft available with or without T-Handle for installing T-DPF II components.

**LRTP-12**
Shaft only with 1/2” drive

**LRTP-12-38S**
3/8” shaft only with 1/2” drive

**WS516-13**
5/16” shaft with 3/8” drive (not shown)

**WS516-13**
5/16” shaft with 3/8” drive (not shown)
The LRTP Series Bushing Insert Tool provides preset torque for installation and removal of 600A reducing tap plug bushings with a 5/16" and/or 3/8" internal hex socket requiring 20 ft-lbs of torque. The torque limiter locks when reversing, allowing the tool to be used for bushing removal. Consult component manufacturer for torque requirements.

LRTP/TK240AT
Bushing Insert Tool for 600A LRTP with T-Handle and 240 in-lb torque limiter

LRTP/TK240AH
Bushing Insert Tool for 600A LRTP with OP Eye and 240 in-lb torque limiter

The LRTP Series Bushing Insert Tool provides preset torque for installation and removal of 600A reducing tap plug bushings with a 5/16" and/or 3/8" internal hex socket requiring 20 ft-lbs of torque. The torque limiter locks when reversing, allowing the tool to be used for bushing removal. Consult component manufacturer for torque requirements.

LRTP/TK55
Bushing Insert Tool for 600A LRTP with 55 in-lb torque limiter and 1/2" drive

LRTP/TK55-38S
Bushing Insert Tool for 600A LRTP with 3/8" shaft and 1/2" drive

LRTP/TK55H
Bushing Insert Tool for 600A LRTP with 55 in-lb torque limiter and OP Eye

The TPH-1 600A Tap Plug Holder provides a means of holding a 600A component in position on the torquing tool shaft when installing or removing the component in hard to reach locations. The TPH-1 shaft fits through the TPH-1 and into the insert to hold the insert snugly when installing the component in a vertical position.

600A Accessories
The LRTP-12 provides for installation and removal of 600A reducing tap plug bushings with a 5/16" internal hex socket. The LRTP-12 requires a separate torque wrench. The TW516-13 and WS16-13 provides a 5/16" hex shaft available with or without T-Handle for installing T-CIF II components.

LRTP-12
Shaft only with 1/2" drive

LRTP-12-38S
3/8" shaft only with 1/2" drive

WS16-13
5/16" shaft with 3/8" drive (not shown)
Loadbreak Probe Tools

**LPW1525 Series**

The LPW1525/TK120X and LPW-1525/TK120X-N Combination Loadbreak Probe Wrench provide a means of preventing probe arc follower contamination and other damage when installing the probe into a loadbreak elbow. The tool holds the loadbreak probe for positioning into the threaded eye of the elbow crimp connector. The torque limiter is preset and is rotated until the Tor-Key clicks, indicating that the preset torque has been reached. The LPW1525 Loadbreak Probe Wrench is a standalone probe wrench with a 1/4” square drive for use with the TK-120 To-Key. The LPW1525 Series tools fit at 15kV and 25kV elbows and Elastimold 35kV elbows.

<table>
<thead>
<tr>
<th>Tool Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPW1525/TK120X-N</td>
<td>Combination Tool with Neutral Winder</td>
</tr>
<tr>
<td>LPW1525/TK120X</td>
<td>Combination Tool</td>
</tr>
<tr>
<td>LPW1525</td>
<td>Probe Wrench only for use with 1/4” square drive</td>
</tr>
</tbody>
</table>

**LPW35R Series**

The LPW35R/TK120X and LPW-35R/TK120X-N Combination Loadbreak Probe Wrench provide a means of preventing probe arc follower contamination and other damage when installing the probe into a loadbreak elbow. The tool holds the loadbreak probe for positioning into the threaded eye of the elbow crimp connector. The torque limiter is preset torque and is rotated until the Tor-Key clicks, indicating that the preset torque has been reached. The LPW35R/TK120X-N adds a neutral winding groove and cross hole option to reduce neutral wire breakage when splitting the outer jacket. The LPW35R Series tools only fit Eaton (Cooper/RTE) and Hubbell (Chardon) 35kV elbows and caps.

<table>
<thead>
<tr>
<th>Tool Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPW35R/TK120X-N</td>
<td>Combination Tool with Neutral Winder</td>
</tr>
<tr>
<td>LPW35R/TK120X</td>
<td>Combination Tool</td>
</tr>
</tbody>
</table>

**DPW1525 - Deadbreak Probe Tool**

The DPW1525 provides a means for installing deadbreak elbow probes. The tool features a built-in, pre-set torque limiter that provides consistency of probe tightness.

<table>
<thead>
<tr>
<th>Tool Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPW1525</td>
<td>Deadbreak Probe Wrench</td>
</tr>
</tbody>
</table>

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**Elbow & Cap Pulling Tools**

**PT-1525**

(U.S. Patent Number(s): US 6,922,888 B2)

The PT-1525 Elbow/Cap Pulling Tool is designed to assist in the removal of seized elbows and protective caps. The tool is used with a standard shotgun stick. The PT-1525’s lever action provides a significant mechanical advantage over other means of pulling elbows and caps. The tool includes a high-dielectric rope and a carrying bag. The PT-TXS is a shorter version of the PT-TX adapter for pulling elbows on 600A T-Bodies.

<table>
<thead>
<tr>
<th>Tool Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-1525</td>
<td>Elbow/Cap Pulling Tool</td>
</tr>
<tr>
<td>PT-TXS</td>
<td>T-Body Bridge only</td>
</tr>
</tbody>
</table>

**PT-35**

(U.S. Patent Number(s): US 6,922,888 B2)

The PT-35 Elbow/Cap Pulling Tool is designed to assist in the removal of seized elbows and protective caps. The tool fits a standard shotgun stick. The PT-35 fits Eaton (Cooper/RTE) and Hubbell (Chardon) 35kV elbows and caps. The PT-35’s lever action provides a significant mechanical advantage over other means of pulling elbows and caps. The tool includes a high-dielectric rope and a carrying bag. The PT-35 is available in several configurations with reversible channels and multi-hole adjustor bars for use with the PT-TX 600A T-Body Bridge or 3133 PUSH-OP Adapter.

<table>
<thead>
<tr>
<th>Tool Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-35</td>
<td>Elbow/Cap Pulling Tool with standard channel and adjustor bar (shown)</td>
</tr>
<tr>
<td>PT-35RTX</td>
<td>Elbow and Cap Pulling Tool with Reversible Channel/Multi-Hole Adjustor Bar and Bridge for use on 600 Amp T-Body (not shown)</td>
</tr>
<tr>
<td>PT-35TX</td>
<td>Elbow and Cap Pulling Tool with Standard Channel/Multi-Hole Adjustor Bar and Bridge for use on 600 Amp T-Body</td>
</tr>
</tbody>
</table>

**PT-TX**

(T-Body Bridge only)

<table>
<thead>
<tr>
<th>Tool Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-TX</td>
<td>T-Body Bridge only</td>
</tr>
<tr>
<td>PT-TX 3133</td>
<td>Elbow and Cap Pulling Tool With Standard Channel/Multi-Hole Adjustor Bar and 3133 PUSH-OP Adapter</td>
</tr>
</tbody>
</table>

**PT-3133**

Adapter for PUSH-OP applications

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Contact us at 262-784-8701 or www.spdsystems.com
**Loadbreak Tools Continued**

**LPW1525 Series**
The LPW1525S/TK120X and LPW-1525S/TK120X-N Combination Loadbreak Probe Wrench provide a means of preventing probe arc follower contamination and other damage when installing the probe into a loadbreak elbow. The tool holds the loadbreak probe for positioning into the threaded eye of the elbow crimp connector.

- The torque limiter is preset and is rotated until the Tor-Key clicks, indicating that the preset torque has been reached.
- The LPW1525 Loadbreak Probe Wrench is a stand-alone probe wrench with a ¼" square drive for use with the TK-120 Tor-Key.
- The LPW1525 Series tools fit at 15kV and 25kV elbows and Elastimold 35kV elbows.

<table>
<thead>
<tr>
<th>Tool Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPW1525S</td>
<td>Combination Tool with Neutral Winder</td>
</tr>
<tr>
<td>LPW1525S/TK120X</td>
<td>Torque limiter with ¼&quot; square drive</td>
</tr>
<tr>
<td>LPW1525</td>
<td>Probe Wrench only for use with ¼&quot; square drive</td>
</tr>
<tr>
<td>LPW1525S/TK120X-N</td>
<td>Replacement torque limiter with ⅞&quot; round stub</td>
</tr>
</tbody>
</table>

**LPW35R Series**
The LPW35R/TK120X and LPW-35R/TK120X-N Combination Loadbreak Probe Wrench provide a means of preventing probe arc follower contamination and other damage when installing the probe into a loadbreak elbow. The tool holds the loadbreak probe for positioning into the threaded eye of the elbow crimp connector. The torque limiter is preset torque and is rotated until the Tor-Key clicks, indicating that the preset torque has been reached.

- The LPW35R Series tools only fit Eaton (Cooper/RTE) and Hubbell (Chardon) 35kV elbows and caps.

**DPW1525 - Deadbreak Probe Tool**
The DPW1525 provides a means for installing deadbreak elbow probes. The tool features a built-in, pre-set torque limiter that provides consistency of probe tightness.

**PT-1525**
(U.S. Patent Number(s): US 6,922,888 B2)
The PT-1525 Elbow/Cap Pulling Tool is designed to assist in the removal of seized elbows and protective caps. The tool is used with a standard shotgun stick.

- The PT-1525’s lever action provides a significant mechanical advantage over other means of pulling elbows and caps.
- The tool includes a high-dielectric rope and a carrying bag.
- The PT-TXS is a shorter version of the PT-TX adapter for pulling elbows using 600A T-Bodies.

**PT-35**
(U.S. Patent Number(s): US 6,922,888 B2)
The PT-35 Elbow/Cap Pulling Tool is designed to assist in the removal of seized elbows and protective caps. The tool fits a standard shotgun stick. The PT-35 fits Eaton (Cooper/RTE) and Hubbell (Chardon) 35kV elbows and caps.

- The PT-35’s lever action provides a significant mechanical advantage over other means of pulling elbows and caps.
- The tool includes a high-dielectric rope and a carrying bag.
- The PT-35 is available in several configurations with reversible channels and multi-hole adjuster bars for use with the PT-TX 600A T-Body Bridge or 3133 PUSH-OP Adapter.
### Component Installation & Removal Tools

**TAT – T-Body and Cable Adapter Tool**

The TAT is designed to assist in the installation of 15 kV, 25 kV and 35 kV 600 Amp cable adapters and T-Bodies onto high voltage underground cable for deadfront apparatus. The tool includes a combination 3/4”/3/8” hex drive. The TAT is drill operable to provide a significant ergonomic benefit. The tool has a 7-1/8” stroke and moves one inch with just two revolutions of the driver.

**SAT – Splice Assembly Tool**

The SAT Splice Assembly Tool is designed to ease installation and assembly of 15 kV, 25 kV and 35 kV molded rubber splice components. The tool includes a combination 3/4”/3/8” hex drive. The tool has a 15” stroke and moves one inch with just two revolutions of the driver.

**TAT/SAT – Combination Splice/T-Body Tool**

The TAT/SAT Combination Tool combines the features of the SAT Splice Assembly Tool and the TAT T-Body/Cable Adapter Tool. The tool includes a combination 3/4”/3/8” hex drive. The tool has a 7-1/8” stroke and moves one inch with just two revolutions of the driver.

**3155 Cable Adapter Stop Accessory**

A Cable Adapter Stop Accessory Model 3155 is available to prevent the cable adapter from being forced further down the cable as the T-Body is installed. It is available separately (3155) or installed on the TAT or TAT/SAT by adding a -S to the part number (i.e. TAT-S).
Component Installation & Removal Tools

TAT – T-Body and Cable Adapter Tool
The TAT is designed to assist in the installation of 15 kV, 25 kV and 35 kV 600 Amp cable adapters and T-Blocks onto high voltage underground cable for deadfront apparatus. The tool includes a combination 3/4”/3/8” hex drive. The clamp fits #2 through 1000MCM cable (0.75” – 2.42”).

SAT
The SAT Splice Assembly Tool is designed to ease installation and assembly of 15 kV, 25 kV and 35 kV molded rubber splice components. The tool includes a combination 3/4”/3/8” hex drive. The clamp fits #2 through 1000MCM cable (0.75” – 2.42”).

TAT/SAT
The TAT/SAT Combination Tool combines the features of the SAT Splice Assembly Tool and the TAT T-Body/Cable Adapter Tool. The tool includes a combination 3/4”/3/8” hex drive. The clamp fits #2 through 1000MCM cable (0.75” – 2.42”).

3155 Cable Adapter Stop Accessory
A Cable Adapter Stop Accessory Model 3155 is available to prevent the cable adapter from being forced further down the cable as the T-Body is installed. It is available separately (3155) or installed on the TAT or TAT/SAT by adding a -S to the part number (i.e. TAT-S).

CJT
The Speed Systems Cable Joint Housing Assembly/Disassembly Tool is an ergonomic, drill-operable tool designed to assist in the assembly and disassembly of 15kV and 25kV 600 Amp deadfront cable joints onto high voltage underground cables.

CLRT
The CLRT tool is an ergonomic tool designed to provide a means of freeing the Eaton/Cooper Power Systems Clēē™ 600A loadbreak components prior to breaking electrical contact. The tool is sized to fit between the C connector’s legs and provides 3/4” of stroke to break the seal without breaking the electrical contact.

VSAT
The VSAT is an ergonomic, drill-operable tool designed to install vault stretcher molded rubber components onto power cables in a vault.
Isolated Accessories

Ratcheting Box Wrenches

**RBW-QUAD1**

The RBW-QUAD1 – Isolated Ratcheting Box Wrench includes 1/2", 3/16", 5/8" and 3/4" 12-point ratcheting box wrenches on Speed Systems' patented isolated handle. The RBW-QUAD1 is rated for 1000V.

**RBW-QUAD1**

1/2", 3/16", 5/8" and 3/4" ratcheting box wrench

Dogbone Wrenches

(U.S. Patent Number(s): US D492,556 S)

Speed Systems' Ratcheting Box Wrenches are designed to provide end to end isolation for maximum safety. The RBW wrenches have a center "window" displaying the separation of the tool ends and are rated for 1000V. The wrenches are available with a variety of end options.

Consult the factory for configurations other than those shown.

Alternate Shaft Lengths

(RBW-1, RBW-1P, RBW-516RP only)

For 1" shaft – add suffix A
For 1-3/4" shaft – add suffix B
For 2" shaft, add suffix C
For 2-1/2" shaft, add suffix D

Hex Wrenches

**RBW-QUAD1**

RBW-QUAD1 – Isolated Ratcheting Box Wrench includes 1/2", 9/16", 5/8" and 3/4" 12-point ratcheting box wrenches on Speed Systems' patented isolated handle. The RBW-QUAD1 is rated for 1000V.

**RBW-QUAD1**

1/2", 9/16", 5/8" and 3/4" ratcheting box wrench

**Dogbone Wrenches**

(U.S. Patent Number(s): US D492,556 S)

Speed Systems' Ratcheting Box Wrenches are designed to provide end to end isolation for maximum safety. The RBW wrenches have a center "window" displaying the separation of the tool ends and are rated for 1000V. The wrenches are available with a variety of end options.

Consult the factory for configurations other than those shown.

**Dogbone Wrenches**

**Alternate Shaft Lengths**

(RBW-1, RBW-1P, RBW-516RP only)

For 1" shaft – add suffix A
For 1-3/4" shaft – add suffix B
For 2" shaft, add suffix C
For 2-1/2" shaft, add suffix D

**RBW-1**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft extended 1-1/2" on one side. Other shaft lengths available

**RBW-1P**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft extended 1-1/2" on one side with fixed Penta on the other end. Other shaft lengths available

**RBW-516RP**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft extended 1-1/2" on one side with ratcheting Penta on the other end. Other shaft lengths available

**RBW-2**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft extended 1-1/2" on each side

**RBW-2P**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft extended 1-1/2" on each side with fixed Penta in handle (not shown)

**RBW-3**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft on one side, 3/8" hex shaft on the other side, both 1-1/2" long (not shown)

**RBW-3P**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft on one side, 3/8" hex shaft on the other side, both 1-1/2" long, fixed Penta in handle (not shown)

**RBW-38**

Ratcheting Box Wrench (Hex Shaft) with 3/8" hex shaft extended 1-1/2" on one side (not shown)

**RBW-38P**

Ratcheting Box Wrench (Hex Shaft) with 3/8" hex shaft extended 1-1/2" on one side with fixed Penta in handle (not shown)

**RBW-38RP**

Ratcheting Box Wrench (Hex Shaft) with 3/8" hex shaft extended 1-1/2" on one side with ratcheting Penta (not shown)

**RBW-4**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft extended 1-1/2" on each side

**RBW-4P**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft extended 1-1/2" on each side with fixed Penta in handle (not shown)

**RBW-4RP**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft extended 1-1/2" on each side with ratcheting Penta (not shown)

**RBW-516**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft on one side, 3/8" hex shaft on the other side, both 1-1/2" long (not shown)

**RBW-516P**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft on one side, 3/8" hex shaft on the other side, both 1-1/2" long, fixed Penta in handle (not shown)

**RBW-516RP**

Ratcheting Box Wrench (Hex Shaft) with 5/16" hex shaft on one side, 3/8" hex shaft on the other side, both 1-1/2" long, fixed Penta in handle (not shown)
Isolated Accessories

Ratcheting Box Wrenches

**RBW-QUAD1**

The RBW-QUAD1 – Isolated Ratcheting Box Wrench includes 1/2", 3/16", 5/8" and 3/4" 12-point ratcheting box wrenches on Speed Systems' patented isolated handle. The RBW-QUAD1 is rated for 1000V.

**RBW-QUAD1**

1/2", 3/16", 5/8" and 3/4" ratcheting box wrench

Dogbone Wrenches

(U.S. Patent Number(s): US D492,556 S)

Speed Systems' Ratcheting Box Wrenches are designed to provide end to end isolation for maximum safety. The RBW wrenches have a center “window” displaying the separation of the tool ends and are rated for 1000V. The wrenches are available with a variety of end options.

Consult the factory for configurations other than those shown.

**RBW-5138**
5/16" x 3/8" box wrenches

**RBW-1191516**
11/16" x 15/16" box wrenches

**RBW-39716**
3/8" x 7/16" box wrenches

**RBW-24276**
3/4" x 7/8" box wrenches

**RBW-3012**
3/8" x 1/2" box wrenches

**RBW-241516**
3/4" x 15/16" box wrenches

**RBW-39916**
3/8" x 9/16" box wrenches

**RBW-1316978**
13/16" x 9/16" box wrenches

**RBW-12916**
1/2" x 9/16" box wrenches

**RBW-13151916**
13/16" x 15/16" box wrenches

**RBW-1224**
1/2" x 3/4" box wrenches

**RBW-121234**
9/16" x 5/8" box wrenches

**RBW-1191516**
9/16" x 15/16" box wrenches

**RBW-58134**
5/8" x 3/4" box wrenches

**RBW-5034**
5/8" x 1/2" box wrenches

**RBW-501316**
5/8" x 13/16" box wrenches

**RBW-11615316**
11/16" x 13/16" box wrenches

Hex Wrenches

Ratcheting Box Wrench

**Wrench – 5/16" or 3/8" Hex Shaft**

(U.S. Patent Number(s): US D492,556 S)

Speed Systems' Ratcheting Box Wrenches are designed to provide and to end isolation for maximum safety. The RBW wrenches have a center “window” displaying the separation of the tool ends and are rated for 1000V. The wrenches are available with a variety of end options.

Consult the factory for configurations other than those shown.

**Alternate Shaft Lengths**

(RBW-1, RBW-1P, RBW-516RP only)

- For 1" shaft – add suffix A
- For 1-3/4" shaft – add suffix B
- For 2" shaft, add suffix C
- For 2-1/2" shaft, add suffix D

**RBW-1**
Ratcheting Box Wrench (Hex Shaft) has 5/16" hex shaft extended 1-1/2" on one side. Other shaft lengths available

**RBW-1P**
Ratcheting Box Wrench (Hex Shaft) has 5/16" hex shaft extended 1-1/2" on one side with fixed Penta. Other shaft lengths available

**RBW-516RP**
Ratcheting Box Wrench (Hex Shaft) has 5/16" hex shaft extended 1-1/2" on one side with ratcheting Penta on other end. Other shaft lengths available

**RBW-3**
Ratcheting Box Wrench (Hex Shaft) has 5/16" hex shaft extended 1-1/2" on each side, 3/8" hex shaft on the other side, both 1-1/2" long (not shown)

**RBW-3P**
Ratcheting Box Wrench (Hex Shaft) has 5/16" hex shaft extended 1-1/2" on each side with fixed Penta in handle (not shown)

**RBW-2**
Ratcheting Box Wrench (Hex Shaft) has 5/16" hex shaft extended 1-1/2" on each side

**RBW-2P**
Ratcheting Box Wrench (Hex Shaft) has 5/16" hex shaft extended 1-1/2" on each side with fixed Penta in handle (not shown)

**RBW-38H**
Ratcheting Box Wrench (Hex Shaft) has 3/8" hex shaft extended 1-1/2" on one side

**RBW-38HP**
Ratcheting Box Wrench (Hex Shaft) has 3/8" hex shaft extended 1-1/2" on one side with fixed Penta in handle (not shown)

**RBW-38HRP**
Ratcheting Box Wrench (Hex Shaft) has 3/8" hex shaft extended 1-1/2" on one side with ratcheting Penta (not shown)

**RBW-2**
Ratcheting Box Wrench (Hex Shaft) has 5/16" hex shaft extended 1-1/2" on each side
Hex Wrenches

Ratcheting Box Wrench

RBW-51638RP
Ratcheting Box Wrench (with ratcheting Penta) has 5/16” hex shaft on one end, 3/8” hex shaft and ratcheting Penta on other end

RBW-51638SRP
Ratcheting Box Wrench (with ratcheting Penta) has 5/16” hex shaft and 3/8” socket (opposed) on one end with ratcheting Penta on opposite end

Penta Socket with Ergonomic Handle

Speed Systems offers both fixed and ratcheting Penta Wrenches for use on power transformers. Both the PW-2 (fixed wrench) and RBW-RP (ratcheting wrench) are attached to Speed Systems’ patented handle.

PW-2
Fixed Penta Security Wrench

RBW-RP
Ratcheting Penta Security Wrench

Speciality Wrenches

RBW with Square Drive

The RBW line includes square drive with hex shaft or socket options. Specify 3/8” or 1/2” drive and opposing hex bit or socket size.

RBW-38SQ
Ratcheting box wrench with 3/8” square drive (not shown)

RBW-12SQ
Ratcheting box wrench with 1/2” drive (not shown)

RBW with Torque Limiter

The RBW is available with a torque limiter to provide an isolated torquing hex bit. Fixed torque values between 100 and 140 in-lb are available. Specify torque value and drive tip.

RBW-TK
Isolated Ratcheting Torque Wrench (not shown)

Sockets/Combination

The RBW line includes various socket options. All are built on our patented, isolated handle and are rated for 1000V.

Contact the factory for styles and configurations not shown.

RBW-34SRP
Ratcheting 3/4” socket and Penta Wrench on our patented ergonomic, isolated handle

RBW-91638WE-5
Ratcheting Box Wrench (Sockets) has 9/16” x 3/4” standard sockets (opposed) with handle loop

RBW-91638WE-L
Ratcheting Box Wrench (Sockets) has 9/16” x 3/4” long sockets (opposed) with handle loop (not shown)
Specialty Wrenches

Speed Systems offers both fixed and ratcheting Penta Wrenches for use on power transformers. Both the PW-2 (fixed wrench) and RBW-RP (ratcheting wrench) are attached to Speed Systems’ patented handle.

**PW-2**  
Fixed Penta Security Wrench

**RBW-RP**  
Ratcheting Penta Security Wrench

**Penta Socket with Ergonomic Handle**

The RBW line includes square drive with hex shaft or socket options. Specify 3/8” or 1/2” drive and opposing hex bit or socket size.

**RBW-38SQ**  
Ratcheting box wrench with 3/8” square drive (not shown)

**RBW-12SQ**  
Ratcheting box wrench with 1/2” drive (not shown)

**RBW with Square Drive**

The RBW line includes square drive with hex shaft or socket options. Specify 3/8” or 1/2” drive and opposing hex bit or socket size.

**RBW-38Q**  
Ratcheting box wrench with 3/8” square drive (not shown)

**RBW-12Q**  
Ratcheting box wrench with 1/2” drive (not shown)

**RBW with Torque Limiter**

The RBW is available with a torque limiter to provide an isolated torquing hex bit. Fixed torque values between 100 and 140 in-lb are available. Specify torque value and drive tip.

**RBW-TK**  
Isolated Ratcheting Torque Wrench (not shown)

**Sockets/Combination**

The RBW line includes various socket options. All are built on our patented, isolated handle and are rated for 1000V.

Contact the factory for styles and configurations not shown.

**RBW-34SRP**  
Ratcheting 3/4” socket and Penta Wrench on our patented ergonomic, isolated handle

**RBW-91634WE-S**  
Ratcheting Box Wrench (Sockets) has 9/16” x 3/4” standard sockets (opposed) with ratcheting Penta on opposite end of tool

**RBW-91634WE-L**  
Ratcheting Box Wrench (Sockets) has 9/16” x 3/4” long sockets (opposed) with ratcheting Penta on opposite end of tool
Specialty Wrenches

**RBW-TD Series**

The RBW-TD Tap and Die Tools have a tap and die for chasing threads on connectors and probes built on our patented isolated handle. Contact the factory for styles and configurations not shown.

- **RBW-12TD**
  Ratcheting Tap and Die has 1/2-13 bottoming tap and die for chasing threads on transformer ground lugs

- **RBW-38TD**
  Ratcheting Tap and Die has 3/8-16 tap and die for chasing threads on loadbreak elbow probes and connectors

- **RBW-58TD**
  Ratcheting Tap and Die has 5/8-11 tap and die for chasing threads on 600A connectors

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**Build Your Own Wrench**

Don’t see what you need in our regular line? Speed Systems gives you the option of configuring a wrench with the components you want! Choose one or more of the component options shown below to customize your wrench.

Note: Not all component options are compatible with all other options. Configurations that require custom welding or other services may require a minimum quantity purchase.

***Build Your Own Wrench***

- **Torque Limiter** (specify in-lbs and tip)
- **Ratcheting Box Wrench** (specify size)
- **Hex Shaft** (specify size and length)
- **Ratcheting Penta**
- **Square Drive** (specify size)
- **Handle Ring**
- **Die** (specify size)
- **Tap** (specify size)
- **Standard or Deep Socket** (specify size)
- **Fixed Penta Socket**
- **Ratcheting Penta Wrench** (specify size)
Specialty Wrenches

**RBW-TD Series**

The RBW-TD Tap and Die Tools have a tap and die for chasing threads on connectors and probes built on our patented isolated handle. Contact the factory for styles and configurations not shown.

- **RBW-12TD**
  - Ratcheting Tap and Die has 1/2-13 bottoming tap and die for chasing threads on transformer ground lugs

- **RBW-38TD**
  - Ratcheting Tap and Die has 3/8-16 tap and die for chasing threads on loadbreak elbow probe and connector

- **RBW-58TD**
  - Ratcheting Tap and Die has 5/8-11 tap and die for chasing threads on 600A connectors

**Build Your Own Wrench**

Don’t see what you need in our regular line? Speed Systems gives you the option of configuring a wrench with the components you want! Choose one or more of the component options shown below to customize your wrench.

Note: Not all component options are compatible with all other options. Configurations that require custom welding or other services may require a minimum quantity purchase.

#### Components to choose from:

- **Hex Shaft** (specify size and length)
- **Square Drive** (specify size)
- **Fixed Penta Socket**
- **Ratcheting Box Wrench** (specify size)
- **Ratcheting Penta**
- **Standard or Deep Socket** (specify size)
- **Tap** (specify size)
- **Die** (specify size)
- **Handle Ring**
- **Torque Limiter** (specify in-lbs and tip)
The OHW Series Overhead Lineman’s Wrench have 3/4”, 1” and 1-1/8” square drive sockets on a single head for use on 1/2”, 5/8” and 3/4” hardware. The wrenches have an open center to allow the bolt to pass through. The wrenches also have a large reving lever and a padded handle.

The OHW Series also includes a two-sided 3/4” and 9/16" 12 point ratcheting box wrench on opposite end.

The OHW-D version has deeper sockets to allow more clearance between the pole and the user’s hand.

OHW
3/4”, 1” and 1-1/8” square sockets with two-sided 3/4” and 9/16” ratcheting box wrench on the other end

OHW-D
3/4”, 1” and 1-1/8” square deep sockets with two-sided 3/4” and 9/16” ratcheting box wrench on the other end

Penta/Hex Security Wrenches

**PHW-1**
The PHW-1 has a Penta socket on one end and a 3/4” hex on the other. It is made of stainless steel with a captive folding cross-rod for leverage.

**PHS Series** - The PHS-1 and PHS-2 include a Penta and 3/4” hex socket combined into one socket with a common 3/8” (PHS-1) or 1/2” (PHS-2) center drive. The tool is reversible when used with a socket extension.

**PHS-1** Penta/Hex Security Wrench with a 3/8” square drive

**PHS-2** Penta/Hex Security Wrench with a 1/2” square drive

RBW-345RP Ratcheting 3/4” socket and Penta Wrench on our patented ergonomic, isolated handle

Other socket sizes available

**ISE Series**
Isolated Shaft Extensions are designed for use with a socket wrench or torque wrench where total isolation is required between the socket and extension.

The ISE Series tools are constructed with thick-walled filament wound fiberglass shafts and provide total and to and end separation for isolation.

The ISE-375, ISE-4 and ISE-WE feature 5/16” hex shafts for use on secondary set screw bar connectors. The ISE-6, ISE-8 and ISE-14 feature pin lock drives to serve as isolated extensions for use with ratchet wrenches.

Consult the factory for additional lengths.

**ISE-375**
Isolated Shaft Tool has a 5/16” hex shaft and 3/8” drive for use on secondary set screw bar connectors (3-3/4” overall length, rated 1000V, 600 in. lbs.)

**ISE-4**
Isolated Shaft Tool has a 5/16” hex shaft and 3/8” drive for use on secondary set screw bar connectors (3-3/4” overall length, rated 1000V, 600 in. lbs.)

**ISE-WE**
Isolated Shaft Tool has a 5/16” hex shaft and 1/2” drive for use on secondary set screw bar connectors (4-1/2” overall length, rated 1000V, 600 in. lbs.)

**ISE-6**
Isolated Shaft Tool has a 3/16” pin lock drive for use as an Isolated Socket Extension (6-1/2” overall length, rated 5kV, 600 in. lbs.)

**ISE-6B**
Isolated Shaft Tool has a 3/16” ball lock drive for use as an Isolated Socket Extension (6-1/2” overall length, rated 5kV, 600 in. lbs.) (not shown)

**ISE-8**
Isolated Shaft Tool has a 1/2” pin lock drive for use as an Isolated Socket Extension (8” overall length, rated 5kV, 600 in. lbs.)

**ISE-8B**
Isolated Shaft Tool has a 1/2” ball lock drive for use as an Isolated Socket Extension (8” overall length, rated 5kV, 600 in. lbs.) (not shown)

**ISE-14**
Isolated Shaft Tool has a 1/2” pin lock drive for use as an Isolated Socket Extension (14” overall length, rated 10kV, 600 in. lbs.)

**TPC-1 Test Point Cleaner**
The TPC-1 Test Point Cleaner provides a stick-operable means of cleaning elbow and T-Body test points with a dual surface cleaning media.

**ISE-375**
ISE-4
ISE-WE
ISE-6
ISE-6B
ISE-8
ISE-8B
ISE-14
ISE-375
ISE-4
ISE-WE
ISE-6
ISE-6B
ISE-8
ISE-8B
ISE-14
ISE-375
ISE-4
ISE-WE
ISE-6
ISE-6B
ISE-8
ISE-8B
ISE-14
The OHW Series Overhead Lineman’s Wrench have 3/4”, 1” and 1-1/8” square drive sockets on a single head for use on 1/2”, 5/8” and 3/4” hardware. The wrenches have an open center to allow the bolt to pass through. The wrenches also have a large reversing lever and a padded handle.

The OHW Series also includes a two-sided 3/4” and 9/16” 12 point ratcheting box wrench on opposite end. The OHW-D version has deeper sockets to allow more clearance between the pole and the user’s hand.

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Overhead Lineman’s Wrench (OHW Series)

**OHW**
- 3/4”, 1” and 1-1/8” square sockets with two-sided 3/4” and 9/16” ratcheting box wrench on the other end

**OHW-D**
- 3/4”, 1” and 1-1/8” square deep sockets with two-sided 3/4” and 9/16” ratcheting box wrench on the other end

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PHW-1
- The PHW-1 has a Penta socket on one end and a 3/4” hex on the other. It is made of stainless steel with a captive folding cross-rod for leverage.

**PHS Series**
- The PHS-1 and PHS-2 include a Penta and 3/4” hex socket combined into one socket with a common 3/8” (PHS-1) or 1/2” (PHS-2) center drive. The tool is reversible when used with a socket extension.

**PHS-1**
- Penta/Hex Security Wrench with a 3/8” square drive

**PHS-2**
- Penta/Hex Security Wrench with a 1/2” square drive

**RBW-345RP**
- Ratcheting 3/4” socket and Penta Wrench on our patented ergonomic, isolated handle

Other socket sizes available

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ISE Series

Isolated Shaft Extensions are designed for use with a socket wrench or torque wrench where total isolation is required between the socket and extension.

The ISE Series tools are constructed with thick-walled filament wound fiberglass shafts and provide total end to end separation for isolation.

The ISE-375, ISE-4 and ISE-WE feature 5/16” hex shafts for use on secondary set screw bar connectors. The ISE-6, ISE-8 and ISE-14 feature pin lock drives to serve as isolated extensions for use with ratchet wrenches.

Consult the factory for additional lengths.

**ISE-375**
- Isolated Shaft Tool has a 5/16” hex shaft and 3/8” drive for use on secondary set screw bar connectors (3-1/4” overall length, rated 1000V, 600 in. lbs.)

**ISE-4**
- Isolated Shaft Tool has a 5/16” hex shaft and 3/8” drive for use on secondary set screw bar connectors (4-1/2” overall length, rated 1000V, 600 in. lbs.)

**ISE-WE**
- Isolated Shaft Tool has a 5/16” hex shaft and 1/2” drive for use on secondary set screw bar connectors (5-1/2” overall length, rated 1000V, 600 in. lbs.)

**ISE-6**
- Isolated Shaft Tool has a 3/16” pin lock drive for use as an Isolated Socket Extension (6-1/2” overall length, rated 5kV, 600 in. lbs.)

**ISE-6B**
- Isolated Shaft Tool has a 3/16” ball lock drive for use as an Isolated Socket Extension (6-1/2” overall length, rated 5kV, 600 in. lbs.) (not shown)

**ISE-8**
- Isolated Shaft Tool has a 1/8” pin lock drive for use as an Isolated Socket Extension (8” overall length, rated 5kV, 600 in. lbs.)

**ISE-8B**
- Isolated Shaft Tool has a 1/8” ball lock drive for use as an Isolated Socket Extension (8” overall length, rated 5kV, 600 in. lbs.) (not shown)

**ISE-14**
- Isolated Shaft Tool has a 1/2” pin lock drive for use as an Isolated Socket Extension (14” overall length, rated 10kV, 600 in. lbs.)

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ISE-375
ISE-4
ISE-WE
ISE-6
ISE-6B
ISE-8
ISE-8B
ISE-14

TPC-1 Test Point Cleaner

The TPC-1 Test Point Cleaner provides a stick-operable means of cleaning elbow and T-Body test points with a dual surface cleaning media.

**TPC-1**
- Test Point Cleaner

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Non Isolated Accessories

**Overhead Lineman’s Wrench (OHW Series)**

The PHW-1 has a Penta socket on one end and a 3/4” hex on the other. It is made of stainless steel with a captive folding cross-rod for leverage.

**PHS Series**
- The PHS-1 and PHS-2 include a Penta and 3/4” hex socket combined into one socket with a common 3/8” (PHS-1) or 1/2” (PHS-2) center drive. The tool is reversible when used with a socket extension.

**PHS-1**
- Penta/Hex Security Wrench with a 3/8” square drive

**PHS-2**
- Penta/Hex Security Wrench with a 1/2” square drive

**RBW-345RP**
- Ratcheting 3/4” socket and Penta Wrench on our patented ergonomic, isolated handle

Other socket sizes available
Tool Boxes constructed of 20 ga. steel with a full-length piano hinge and oil-resistant pad to cushion the tools. The case has an internal divider to separate the 1542 Series Stripper and 1700SS Series Semi-Con Scorer.

**CPK-12**
Small Steel Tool Case
12" x 4.5" x 4" (30.5 x 11.4 x 10.2 cm) (front)

**CPK-18**
Large Steel Tool Case
18" x 8.25" x 4" (46.7 x 21.0 x 10.2 cm) (back) (tools not included)

Canvas Bags
Reinforced canvas bags with six internal pockets designed to hold tools and accessories required for cable preparation.

**CPK-14**
Small Canvas Bag
14" x 9" x 7" (35.6 x 22.9 x 17.8 cm) (front)
(tools not included)

**CPK-24**
Large Canvas Bag
24" x 15" x 6" (61.0 x 38.1 x 15.2 cm) (back)

Individual Tool Bags
Individual Tool Bags are sized to easily and efficiently carry one or more Sped Systems tools. All of the bags are manufactured of sturdy canvas and feature a sturdy, zipper closure.

**TB-9**
Small Individual Tool Bag
6 x 10" (15.2 x 25.4 cm)

**TB-10**
Medium Individual Tool Bag
7 x 14" (17.8 x 35.6 cm)

**TB-11**
Large Individual Tool Bag
14 x 36-1/2" (35.6 x 92.9 cm)

**TB-12**
Extra Large Individual Tool Bag 20 x 6 x 3" (50.8 x 15.2 x 7.6 cm)
Tool Boxes constructed of 20 ga. steel with a full-length piano hinge and oil-resistant pad to cushion the tools. The case has an internal divider to separate the 1542 Series Stripper and 1700SS Series Semi-Con Scorer.

**Steel Boxes**

CPK-12
Small Steel Tool Case
12” x 4.5” x 4” (30.5 x 11.4 x 10.2 cm) (front)

CPK-18
Large Steel Tool Case
18” x 8.25” x 4” (45.7 x 21.0 x 10.2 cm) (back)
(tools not included)

**Canvas Bags**

Reinforced canvas bags with six internal pockets designed to hold tools and accessories required for cable preparation.

CPK-14
Small Canvas Bag
14” x 9” x 7” (35.6 x 22.9 x 17.8 cm) (front)
(tools not included)

CPK-24
Large Canvas Bag
24” x 15” x 6” (61.0 x 38.1 x 15.2 cm) (back)

**Individual Tool Bags**

Individual Tool Bags are sized to easily and efficiently carry one or more Speed Systems tools. All of the bags are manufactured of sturdy canvas and feature a sturdy, zipper closure.

TB-9
Small Individual Tool Bag
6 x 10” (15.2 x 25.4 cm)

TB-10
Medium Individual Tool Bag
7 x 14” (17.8 x 35.6 cm)

TB-11
Large Individual Tool Bag
14 x 16-1/2” (35.6 x 41.9 cm)

TB-12
Extra Large Individual Tool Bag
22 x 6 x 3” (55.9 x 15.2 x 7.6 cm)

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**NonIsolated Accessories Continued**

**Knives and Pliers**

The SC-10 and SC-11 Semi-Con Edge Wedges are designed for lifting the front edge of the cable semi-con layer after it has been scored. The tools are supplied with a leather sheath.

The SC-13 Semi-Con Roller Grip is designed to provide controlled rolling of the semi-con layer that has been scored. This method of rolling helps reduce tearing of the semi-con as it is being removed.

SC-10
Semi-Con Edge Wedge

SC-11
Semi-Con Edge Wedge with finger grip

SC-13
Semi-Con Roller Grip

**UTR Universal Test Rod**

Allows testing 15kV, 25kV and Elastimold 35kV Deadbreak and Loadbreak bushings. It features an OP Eye for stick operation and includes a disk for connecting test leads.

Not for use on Eaton (Cooper/RTE) or Hubbell (Chardon) 35kV bushings

**ECT-2 Elbow Cleaning Tool**

The Elbow Cleaning Tool is designed to enable cleaning of the bushing cavity of 15kV and 25kV class deadbreak elbows. Made of PVC, the tool has a tapered snout that closely conforms to the cavity of the elbow. The end of the tool has two slots to hold a cleaning cloth.
Speed Systems focuses on adjustable tools to fit a wide variety of cables without requiring the use of bushings or adapters. There are some applications, though, that require a one tool to one cable approach. We do that, too!

We currently offer a variety of tools designed for a specific function on a specific cable. These tools require the customer to provide cable samples so we can ensure that the tool will properly function on that cable. There may be minimum order quantities required on custom tools. Contact the factory for more information.

Custom Tools

Speed Systems focuses on adjustable tools to fit a variety of cables without requiring the use of bushings or adapters. There are some applications, though, that require a one tool to one cable approach.

We do that, too!

We currently offer a variety of tools designed for a specific function on a specific cable. These tools require the customer to provide cable samples so we can ensure that the tool will properly function on that cable. There may be minimum order quantities required on custom tools. Contact the factory for more information.

Penciling Tool

Penciling Tools are designed to cut a 1-1/2" long taper on the cable’s insulation for applications requiring a tape buildup of the stress cone. The tool operates like an old-style manual pencil sharpener to carve away the insulation to the correct taper. Samples are required to ensure the blade settings adequately remove the insulation.

Drill Operated Isolated Secondary Stripper

The Speed Systems Drill Operated Isolated Secondary Stripper is available to remove the insulation layer from secondary cables in a variety of sizes and strip lengths. The strip back length must be specified along with the cable sample.
Speed Systems focuses on adjustable tools to fit a wide variety of cables without requiring the use of bushings or adapters. There are some applications, though, that require a one tool to one cable approach. We do that, too!

We currently offer a variety of tools designed for a specific function on a specific cable. These tools require the customer to provide cable samples so we can ensure that the tool will properly function on that cable. There may be minimum order quantities required on custom tools. Contact the factory for more information.

**Custom Tools**

**Penciling Tool**

Penciling Tools are designed to cut a 1-1/2” long taper on the cable’s insulation for applications requiring a tape build-up of the stress cone. The tool operates like an old-style manual pencil sharpener to carve away the insulation to the correct taper. Cable samples are required to ensure the blade settings adequately remove the insulation.

**Drill Operated Isolated Secondary Stripper**

The Speed Systems Drill Operated Isolated Secondary Strippers are available to remove the insulation layer from secondary cables in a variety of sizes and strip back lengths. The strip back length must be specified along with the cable sample.

**Cable PrepKits**

Speed Systems offers various kits that include some of the most common tool combinations. Contact the factory for custom kit configurations.

**CPK-1**

Kit with 1542-JQG, 1640X and 1700SS in a CPK-12 Case

**CPK-2**

Kit with 1542-JQG, 1640X, 1700SS, SC-11 and SC-13 in a CPK-12 Case

**CPK-3**

Kit with 1542-2AS, 1640X, SC-11 and SC-13 in a CPK-12 Case

**CPK-4**

Kit with 1542-JQG, 1640X, 1700SS, CT-1, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-14 Bag

**CPK-5**

Kit with 1542-JQG, 1640X, 1700SS, BITE/100AT, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-14 Bag

**CPK-6**

Kit with Mark I, Mark I Tool Stop, 1700SS, SC-11 and SC-13 in a CPK-14 Bag

**CPK-7**

Kit with Mark I, Mark I Tool Stop, 1700SS, BIT/100AT, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-14 Bag

**CPK-8**

Kit with 1542-JQG, 1640X, 1700SS and LPW1525/TK120X-N in a CPK-18 Case

**CPK-9**

Kit with 1542-JQG, 1640X, 1700SS, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-18 Case

**CPK-10**

Kit with 1542-2AS, 1640X, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-18 Case

**CPK-11**

Kit with Mark II, Mark II Tool Stop, 1800SS, CT-2, SC-11 and SC-13 in a CPK-24 Bag
Speed Systems tools are proudly manufactured in the U.S.A.

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