Installing Power Cable Systems

Quality tools for Installing Power Cable Systems
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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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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 Mylar, plastic or tape layer between the neutral wire and the jacket. The tool includes a 3/8” drive in the hub.

Underground  •  Jacket Removal

LPW-R Series Probe Wrenches

The LPW1525/TK120X-N and LPW35R/TK120XN 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 reduces neutral wire damage or breakage while splitting the outer jacket.

The LPW1525/TK120XN fits all 15kV and 25kV elbows and Elastimold 35kV elbows.

The LPW35R/TK120XN only fits the large interface Eaton (Cooper/RTE) and Hubbell (Chardon) 35kV elbows.

Underground  •  Insulation Removal

1542-2CL Series

1542-2CL Series Insulation Strippers

The 1542-2CL Series Strippers 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.

1542-2CL - Speed Stripper

With Wedge Blade installed, spare Straight Blade

1542-2CL-1 - Speed Stripper

With Wedge Blade installed, spare Wedge Blade

1542-2CL-2 - Speed Stripper

With Straight Blade installed, spare Straight Blade

1542-2AS Series Combination Strippers

The 1542-2AS Series Strippers 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.
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 Mylar, plastic, or tape layer between the neutral wire and the jacket. The tool includes a 3/8” drive in the hub.

TheNeutral Winder reduces neutral wire damage or breakage while splitting the outer jacket.

TheLPW1525/TK120X-N and LPW35R/TK120XN 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 reduces neutral wire damage or breakage while splitting the outer jacket. The LPW1525/TK120XN fits at 15kV and 25kV elbows and Elastimold 35kV elbows.

The LPW35R/TK120XN only fits the large interface Eaton (Cooper/RTE) and Hubbell (Chardon) 35kV elbows.

The Neutral Winder is designed to remove the outer jacket on underground power cable with embedded neutral wires. The tool includes a 3/8” drive in the hub.

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The Neutral Winder reduces neutral wire damage or breakage while splitting the outer jacket.

The Neutral Winder is designed to remove the outer jacket on underground power cable with embedded neutral wires. The tool includes a 3/8” drive in the hub.
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 suits to catalog number 1x. 1542-2CL-1S
- 2689 - Chamfering Tool/Scale Gauge: 1592 Replacement Chamfering Blades (see page 10)

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.

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 10).

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

AO10 - Large Blade
For 69kV – 138kV cables only fits the Mark II-10 and Mark III tools (see page 10)

AO11 - Wedge Blade (see page 10)
AO12 - Straight Blade (see page 10)
AO13 - Shaving Blade (see page 10)
AO13 - Shaving Blade for bonded semi-con (see page 10)
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 10).

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-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

AO10 - Large Blade

For 69kV - 138kV cables only fits the Mark II-10 and Mark III tools (see page 10)

AO11 - Wedge Blade

(see page 10)

AO12 - Straight Blade

(see page 10)

AO13 - Shaving Blade

For bonded semi-con

(see page 10)
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

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

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

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

1801-1 – Fixed Blade Scorer
.023” blade depth

1801-2 – Fixed Blade Scorer
.033” blade depth

Consult the factory for other blade depths.
Any blade depth from .020” to .065” is available from the factory.
Underground  • Semi-Con Scoring

**1700 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

**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.

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Underground  • Semi-Con Scoring

**1800 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 Cable Prep

Continued

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 Series

CT-1 - Chamfering Tool
For 5/8” to 1-3/8” cables
(12.7 - 34.9 mm)

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

2689 - Chamfering Tool/Scale Gauge
(not shown - see page 10)

End Strip

2750 - Secondary 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.

2850 - Secondary Mid-Span Stripper
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.

Aerial Tree Wire and Spacer Cable

2900 Series

The Model 2900 Aerial Tree Wire and Spacer Cable Stripper performs both end strip 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 Stripippers allow unlimited strip length.

2900 - Aerial Tree Wire/Spacer Cable
Insulation Stripper
(Includes both long and short handles)

2900 Lite - Aerial Tree Wire/Spacer Cable
Lite version of Model 2900 - weights over two pounds less than the standard 2900 (includes short handles only) (not shown)
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 9/16” to 1-3/8” cables (14.3 - 34.9 mm)

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

2689 - Chamfering Tool/Scale Gauge (not shown - see page 10)

CT-1
Cuts insulation 45°

CT-2

Aerial Tree Wire and Spacer Cable

2900 Series

The Model 2900 Aerial Tree Wire and Spacer Cable Stripper performs both end strip 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 - Aerial Tree Wire/Spacer Cable
Insulation Stripper (includes both long and short handles)

2990 Lite - Aerial Tree Wire/Spacer Cable Lite version of Model 2900 – weights over two pounds less than the standard 2900 (includes short handles only) (not shown)

Secondary Cable Prep

End Strip

2750

Cable OD .31” to 1.375” [.79 - 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.

2750 - Secondary Stripper

2791 - Replacement Blade (see page 10)

End and Mid Span Strip

2850

Cable OD .31” to 1.375” [.79 - 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 - Secondary Mid-Span Stripper

2850S – Secondary Mid-Span Stripper

Short version for use in cable spacer or with limited workspace

2890 - Secondary Mid-Span Stripper

Cable OD .31” to .72” [.79 - 18.3 mm]

Short version for use in cable spacer or with limited workspace

2900 - Aerial Tree Wire/Spacer Cable
Insulation Stripper (includes both long and short handles)

2990 Lite - Aerial Tree Wire/Spacer Cable Lite version of Model 2900 – weights over two pounds less than the standard 2900 (includes short handles only) (not shown)
The Bushing Insert Tool is designed to provide operating personnel with an effective and reliable means of installation and removal of bushing inserts. 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.

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. The 1562 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 XLPE and most EPR cables can be stripped using the 1562 Wedge Blade.

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

1581 Series Smoking Blades

AO10 Large Blade
Only used on the Mark II-10 and Mark II 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. 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 XLPE and most EPR cables can be stripped using the AO11 Wedge Blade.

AO12 Straight Blade
Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

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

Aerial Tree Wire/Spider Cable Blade

The 2872 Blade is used on all versions of the Model 2900 Aerial Tree Wire and Spider Cable Stripper.

1678 Scoring Blade
1678 Scoring Blade is used on all Speed Systems Semi-Con scorers and the semi-con suer of the 1542-2AS.

2672 Chamfering Blade
2672 Chamfering Blade is used in the CT-1, CT-2 and 2689 to cut a small bevel on the edge of the insulation to ease insertion into molded rubber components.

Secondary Stripping Blades

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

2787 Blade
The 2787 Blade is used in the 2850 Adjustable Secondary End and Mid-Span Secondary Stripper.

Torque Tools

Bushing Insert Tools - 200A

BIT/E180 Series

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

BIT/TK120X-Q
Bushing Insert Tool with Torque Limiter Bushing Insert with Tor-Key Fits loadbreak bushing inserts (shown)

BIT/TK120X-R
Bushing Insert Tool with Tor-Key Fits deadbreak bushing inserts (not shown)

TK1205
Replacement torque limiter

Bushing Insert Tools - 600A

LRTP Series

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 cp eye and 240 in-lb torque limiter

Blades

Mark Series Stripping Blades

AO10 Large Blade
Only used on the Mark II-10 and Mark II 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. 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 XLPE and most EPR cables can be stripped using the AO11 Wedge Blade.

AO12 Straight Blade
Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

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

AO11 Large Blade
Only used on the Mark II-10 and Mark II 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. 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 XLPE and most EPR cables can be stripped using the AO11 Wedge Blade.

AO12 Straight Blade
Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

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

AO11 Large Blade
Only used on the Mark II-10 and Mark II 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. 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 XLPE and most EPR cables can be stripped using the AO11 Wedge Blade.

AO12 Straight Blade
Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

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

AO11 Large Blade
Only used on the Mark II-10 and Mark II 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. 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 XLPE and most EPR cables can be stripped using the AO11 Wedge Blade.

AO12 Straight Blade
Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

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

AO11 Large Blade
Only used on the Mark II-10 and Mark II 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. 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 XLPE and most EPR cables can be stripped using the AO11 Wedge Blade.

AO12 Straight Blade
Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

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

AO11 Large Blade
Only used on the Mark II-10 and Mark II 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. 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 XLPE and most EPR cables can be stripped using the AO11 Wedge Blade.

AO12 Straight Blade
Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

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

AO11 Large Blade
Only used on the Mark II-10 and Mark II 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. 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 XLPE and most EPR cables can be stripped using the AO11 Wedge Blade.

AO12 Straight Blade
Typically only required when stripping very soft EPR (Kerite brand) insulated cables.

AO13 Semi-Con Smoking Blade
Fig on all of the Mark Series Strippers. It is used to shave off the semi-conductive layer on those cables with bonded semi-con. Some sanding is likely necessary after shaving bonded semi-con.
The Bushing Insert Tool is designed to provide operating personnel with an effective and reliable means of installation and removal of bushing inserts. 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.

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 while reversing to allow the tool to be used to remove bushing inserts.

The LRTP 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 for bushing removal.

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. The 1562 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 XLPE and most EPR cables can be stripped using the 1562 Wedge Blade.

1581 Straight Blade
The 1581 Straight Blade is typically only required when stripping very soft EPR (Kemring 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 540kV 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. 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 XLPE and most EPR cables can be stripped using the AO11 Wedge Blade.

AO12 Straight Blade
Typically only required when stripping very soft EPR (Kemring brand) insulated cables.

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

Aerial Tree Wire/Spacer Cable Blade

2672 Chamfering Blade
2672 Chamfering Blade is used in the CT-1, CT-2 and 2689 to cut a small bevel on the edge of the insulation to ease insertion into molded rubber components.

Secondary Stripping Blades

2781 Blade
2781 Blade is used in the 2750 Adjustable Secondary End Stripper.

Secondary End Stripper

2787 Blade
2787 Blade is used in the 2850 Adjustable Secondary End and Mid-Span Secondary Stripper.

Torque Tools

Bushing Insert Tools - 200A

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

Bushing Insert Tools - 600A

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.

Blades

AO10 Large Blade
AO11 Wedge Blade
AO12 Straight Blade
AO13 Semi-Con Shaving Blade

Aerial Tree Wire/Spacer Cable Blade

2672 Chamfering Blade

Secondary Stripping Blades

2781 Blade
2787 Blade
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.

**LPW35R/TK120X-N**
- Bushing Insert Tool for 600A LRTP with 55 R-b 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 torqueing tool shaft when installing or removing the component in hard to reach locations.
- The LRTP 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 TW516-13 and WS16-13 provides a 5/16” hex shaft available with or without T-Handle for installing T-OP II components.

**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/TK120X-N adds a neutral winding groove and cross hole option to reduce neutral wire breakage when splitting the outer jacket.
- The LPW1525 Loadbreak Probe Wrench is a standalone probe wrench with a 1/4” square drive for use with the TK-120 Tor-Key.
- The LPW1525 Series tools fit all 11kV and 25kV elbows and Elastimold 35kV elbows.

**LPW35R Series**
- The LPW35R/TK120X-N Combination Tool with Neutral Winder and Cross Hole.
- The LPW35R Series tools only fit Eaton (Cooper/RTE) and Hubbell (Chardon) 35kV elbows.

**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.

**Loadbreak Probe Wrenches**
- 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 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 Loadbreak Probe Wrench is a standalone probe wrench with a 1/4” square drive for use with the TK-120 Tor-Key.
- The LPW35R Series tools fit all 11kV and 25kV elbows and Elastimold 35kV elbows.

**TW516-13 & W516-13**
- T-Wrench with 5/16” shaft and T-Handle
- 5/16” shaft with 3/8” drive (not shown)

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

**TPH-1 Wrench**
- The TPH-1 Tap Plug Holder provides a means of holding a 600A component in position on the torqueing tool shaft when installing or removing the component in hard to reach locations.
- The LRTP 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-OP II components.

**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/TK120X-N adds a neutral winding groove and cross hole option to reduce neutral wire breakage when splitting the outer jacket.
- The LPW1525 Loadbreak Probe Wrench is a standalone probe wrench with a 1/4” square drive for use with the TK-120 Tor-Key.
- The LPW1525 Series tools fit all 11kV and 25kV elbows and Elastimold 35kV elbows.

**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 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 Loadbreak Probe Wrench is a standalone probe wrench with a 1/4” square drive for use with the TK-120 Tor-Key.
- The LPW35R Series tools only fit Eaton (Cooper/RTE) and Hubbell (Chardon) 35kV elbows.

**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.

**TW516-13 & W516-13**
- T-Wrench with 5/16” shaft and T-Handle
- 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 50 to 60 ft-lbs of torque. Can also be used for bushing removal.

**LRTP/TK55 Series**

- **LRTP/TK55** Bushing Insert Tool for 600A LRTP with 55 R-lb torque limiter and 1/2" drive
- **LRTP/TK55H** Bushing Insert Tool for 600A LRTP with 55 R-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 LRTP 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.

- **TW516-13** and **WS16-13** provides a 5/16" hex shaft available with or without T-Handle for installing T-OP II components.
- **LRTP-12** Shaft only with 1/2" drive
- **TW516-13** T-Wrench with 5/16" shaft and T-Handle
- **WS16-13** 5/16" shaft with 3/8" drive (not shown)

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.

- **TPH-1** 600A Tap Plug Holder

**LPW1525 Series**

- **LPW1525** Probe Wrench only for use with 1/4" square drive

**LPW35R Series**

- **LPW35R** Shaft only with 1/2" drive
- **TPH-1** Tap Plug Holder

**Loadbreak Probe Tools**

- **TPH-1** Tap Plug Holder

**LPW1525 - 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.

- **DPW-1525** Deadbreak Probe Wrench
**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 clamp fits #2 through 1000MCM cable (0.75” – 2.42”).

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.

*TAT*

Cable Adapter and T-Body Installation Tool
(includes carrying bag)

**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”).

The arms grip splice sleeves from 1-1/2” through 3-3/8” OD.

The SAT is drill operable to provide a significant ergonomic benefit. The tool has a 15” stroke and moves one inch with just two revolutions of the driver.

*SAT*

Splice Assembly Tool
(includes carrying bag)

**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”).

The arms grip splice sleeves from 1-1/2” through 3-3/8” OD.

The TAT/SAT is drill operable to provide a significant ergonomic benefit. The tool has a 15” stroke and moves one inch with just two revolutions of the driver.

*TAT/SAT*

Combination Splice/T-Body Tool
(includes carrying bag)

**CLEER**

The CLEER tool provides a means of freeing the Eaton/Cooper Power Systems Cleer™ 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.

**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-Bodies 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”).
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.
A Cable Adapter Stop Accessory is available to prevent the cable adapter from being forced further down the cable as the T-Body is installed.

**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”). The arms grip splice sleeves from 1-1/2” through 3-3/8” OD.
The SAT is drill operable to provide a significant ergonomic benefit. The tool has a 15” stroke and moves one inch with just two revolutions of the driver.

**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”). The arms grip splice sleeves from 1-1/2” through 3-3/8” OD.
The TAT/SAT is drill operable to provide a significant ergonomic benefit. The tool has a 15” stroke and moves one inch with just two revolutions of the driver.
A Cable Adapter Stop Accessory is available to prevent the cable adapter from being forced further down the cable as the T-Body is installed.

**CLEER**
The CLEER tool provides a means of freeing the Eaton/Cooper Power Systems Cleer™ 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.

**CJT**
The Speed Systems Cable Joint Housing Assembly/Disassembly Tool is designed to assist in the assembly and disassembly of 15kV and 25kV 600 Amp deadfront cable joints onto high voltage underground cable.

**SAT**
The SAT Splice Assembly Tool (includes carrying bag)

**CLEER**
The SAT Splice Assembly Tool (includes carrying bag)

**TAT/SAT**
The TAT/SAT Combination Splice/T-Body Tool (includes carrying bag)
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 fits all 15kV and 25kV elbows and caps and Elastimold 35kV elbows and caps. 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 use pulling elbows on 600A T-Bodies.

PT-1525
Elbow/Cap Pulling Tool
PT-TXS
T-Body Bridge only

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 tool 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.

PT-35
Elbow/Cap Pulling Tool

PT-35B
Elbow/Cap Pulling Tool With Standard Channel/Multi-Hole Adjuster Bar and 3133 PUSH-OP Adapter

PT-35TX
Elbow/Cap Pulling Tool With Reversible Channel/Multi-Hole Adjuster Bar and Bridge for use on 600 Amp T-Body (not shown)

PT-TXS
T-Body Bridge only

Isolated Accessories

Ratcheting Box Wrenches

RBW-QUAD1

The RBW-QUAD1 – Isolated Ratcheting Box Wrench includes 1/2", 9/16", 5/8" and 3/4" 10-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

RBW-QUAD1

(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 in a variety of end options. Consult the factory for configurations other than those shown.

RBW-11161316
11/16" x 13/16" box wrenches
RBW-11161516
11/16" x 15/16" box wrenches

RBW-12916
1/2" x 9/16" box wrenches
RBW-131678
13/16" x 7/8" box wrenches

RBW-12915
1/2" x 9/16" box wrenches
RBW-13161516
13/16" x 15/16" box wrenches

RBW-1258
1/2" x 5/8" box wrenches
RBW-13161316
13/16" x 13/16" box wrenches

RBW-38916
3/8" x 9/16" box wrenches
RBW-38716
3/8" x 7/16" box wrenches

RBW-3812
3/8" x 1/2" box wrenches
RBW-341516
3/4" x 15/16" box wrenches

RBW-3875
3/8" x 7/16" box wrenches
RBW-38716
3/8" x 7/16" box wrenches

RBW-381516
3/8" x 15/16" box wrenches
RBW-3812
3/8" x 1/2" box wrenches

RBW-3812
3/8" x 1/2" box wrenches
RBW-3478
3/4" x 15/16" box wrenches

RBW-3812
3/8" x 1/2" box wrenches
RBW-3812
3/8" x 1/2" box wrenches

RBW-3812
3/8" x 1/2" box wrenches
RBW-3812
3/8" x 1/2" box wrenches

RBW-3812
3/8" x 1/2" box wrenches
RBW-3812
3/8" x 1/2" box wrenches

RBW-3812
3/8" x 1/2" box wrenches
RBW-3812
3/8" x 1/2" box wrenches

RBW-3812
3/8" x 1/2" box wrenches
RBW-3812
3/8" x 1/2" box wrenches
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 fits all 15kV and 25kV elbows and caps and Elastimold 35kV elbows and caps. 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 use pulling elbows on 600A T-Bodies.

PT-1525
Elbow/Cap Pulling Tool
PT-TXS
T-Body Adapter Assembly only

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 is available in several configurations with reversible channels and multi-hole adjustor bars for use with the PT-TX 600A T-Body Adapter or 3133 PUSH-OP Adapter.

PT-35
Elbow/Cap Pulling Tool
PT-35TX
Elbow/Cap Pulling Tool With Reversable Channel/Multi-Hole Adjustor Bar and Adapter for use on 600 Amp T-Body (not shown)
PT-35TX
Elbow/Cap Pulling Tool With Standard Channel/Multi-Hole Adjustor Bar and Adapter for use on 600 Amp T-Body

The PT-35RTX Elbow and Cap Pulling Tool includes a reversible channel/multi-hole adjustor bar with adapter for use with the PT-TX 600A T-Body Adapter or 3133 PUSH-OP Adapter.

PT-35RTX
Elbow and Cap Pulling Tool With Reversible Channel/Multi-Hole Adjustor Bar and Adapter for use with the PT-TX 600A T-Body Adapter or 3133 PUSH-OP Adapter

RBW-QUAD1
Ratcheting Box Wrenches

The RBW-QUAD1 – Isolated Ratcheting Box Wrench includes 1/2", 9/16", 5/8" and 3/4" 10-point ratcheting box wrenches on Speed Systems’ patented isolated handle. The RBW-QUAD1 is rated for 1000V.

RBW-QUAD1
3/16" x 9/16" box wrench
3/8" x 7/16" box wrenches
7/16" x 1/2" box wrenches
5/8" x 3/4" box wrenches
3/4" x 1/2" box wrenches
5/16" x 3/8" box wrenches
3/8" x 9/16" box wrenches
1/2" x 9/16" box wrenches
3/8" x 5/8" box wrenches
1/2" x 5/8" box wrenches
3/8" x 7/16" box wrenches
1/2" x 3/4" box wrenches
3/8" x 1/2" box wrenches
5/8" x 3/4" box wrenches
3/8" x 9/16" box wrenches
1/2" x 9/16" box wrenches
3/8" x 15/16" box wrenches
1/2" x 5/8" box wrenches
3/8" x 15/16" box wrenches
1/2" x 13/16" box wrenches
3/8" x 15/16" box wrenches
1/2" x 3/4" box wrenches
3/8" x 15/16" box wrenches
1/2" x 13/16" box wrenches
3/8" x 15/16" box wrenches
1/2" x 3/4" box wrenches
Hex Wrenches

Ratcheting Box Wrench

Wrench – 5/16" or 3/8" Hex Shaft

U.S. Patent Number(s): U.S. 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

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-38H
Ratcheting Box Wrench (Hex Shaft)
has 3/8" hex shaft extended 1-1/2" on one side (not shown)

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-38HPRP
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

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-3
Ratcheting Box Wrench (Hex Shaft)
has 5/16" hex shaft on one side, 3/8" hex shaft on the other side, both 1-1/2" long

RBW-3P
Ratcheting Box Wrench (with Penta) has 5/16" hex shaft on one side, 3/8" hex shaft and rotating Penta on the other end

RBW-3P
Ratcheting Box Wrench (with Penta) has 5/16" hex shaft on one side, 3/8" hex shaft and rotating Penta on the other end - fixed Penta in handle

RBW-38HRP
Ratcheting Box Wrench (with ratcheting Penta) has 5/16" hex shaft on one side, 3/8" hex shaft and rotating Penta on the other end

RBW-51638RP
Ratcheting Box Wrench (with opposite Penta) has 5/16" hex shaft on one side, and a 3/8" socket (opposed) with ratcheting Penta on opposite end of tool
Hex Wrenches

Ratcheting Box Wrench

Isolated Accessories

Wrench – 5/16” or 3/8” Hex Shaft
(J.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

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, both 1-1/2” long

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-3RP
Ratcheting Box Wrench (with ratcheting Penta) has 5/16” hex shaft on one side, 5/8” hex shaft on the other side, both 1-1/2” long - Fixed Penta in handle (not shown)

RBW-51638RP
Ratcheting Box Wrench (with ratcheting Penta) has 5/16” hex shaft on one side and a 3/8” socket (opposed) with ratcheting Penta on opposite end of tool
Isolated Accessories

Penta Sockets 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

Specialty Wrenches

RBW with Square Drive

RBW is available in various drive sizes with hex shaft or socket options. Specify 3/8" or ½" drive and opposing hex bit or socket size.

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

RBW-12S
Ratcheting box wrench with ½" drive (not shown)

RBW with Torque Limiter

The RBW is available with a torque limiter to provide an isolated torqueing hex bit. Specify torque values between 10 and 140 in-lbs on our site or contact the factory for styles and configurations not shown.

RBW-TK
Isolated Ratcheting Torque Wrench (not shown)

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 need! Choose one or more of the component options below to customize your wrench. Not all component options are compatible with all other options. Configurations that require custom welding or other services may require a minimum quantity purchase.

RBW-38SRP
Ratcheting Wrench with Ratcheting Penta has 3/4" socket with Penta socket (opposed)

RBW-91634WE-S
Ratcheting Box Wrench (Sockets) has 9/16" x 3/4" standard sockets (opposed) with handle loop

RBW-91634WE-L
Ratcheting Box Wrench (Sockets) has 9/16" x 3/4" long sockets (opposed) with handle loop (not shown)

Sockets/Combination

Torque Limiter (specify in-lbs and tip) Ratcheting Box Wrench (specify size)
Hex Shaft (specify size and length)
Ratcheting Penta
Standard or Deep Socket (specify size)
Fixed Penta Socket
Ratcheting Box Wrench
Tap (specify size)
Die (specify size)
Isolated Accessories

**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

**Sockets/Combination**

The RBW line offers square drive with hex shaft or socket options. Specify 3/8” or ½” drive and opposing hex bit or socket size.

- **RBW-34SRP**
  - Ratcheting Box Wrench with 3/4” socket with Penta socket (opposed)

- **RBW-91634WE-S**
  - Ratcheting Box Wrench (Sockets) has 9/16” x 3/4” standard sockets (opposed) with handle loop

- **RBW-91634WE-L**
  - Ratcheting Box Wrench (Sockets) has 9/16” x 3/4” long sockets (opposed) with handle loop (not shown)

**Isolated Torque**

The RBW line includes torque limiter options. Specify torque values between 100 and 140 in-lbs (not shown).

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

**Hex Shaft**

Specify size and length.

- **RBW-12SQ**
  - Ratcheting Box Wrench with ½” drive (not shown)

**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 need! Choose one or more of the component options 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.
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 on 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 Series

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 (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 3/8" pin lock drive for use as an Isolated Socket Extension (6-1/2" overall length, rated 5kV, 600 in. lbs)

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-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)

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
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 on 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 (3-3/4” 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 (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 3/8” pin lock drive for use as an Isolated Socket Extension (6-1/2” overall length, rated 5kV, 600 in. lbs.)

**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-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.)

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 3/8-11 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

www.spdysystems.com
Non-Isolated Accessories

Overhead Lineman’s Wrench (OHW Series)

The OHW Series Overhead Lineman’s Wrench have 3/4”, 1” and 1-1/8” square drive sockets on 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.

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 ½” (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 ½” square drive

RBW-345SRP
Ratcheting ½” socket and Penta Wrench on our patented ergonomically friendly isolated handle

Other socket sizes available

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 loadbreak elbows. Made of PVC, the tool has a tapered shaft that closely conforms to the cavity of the elbow. The end of the tool has two slots to hold a cleaning cloth.
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.

Knives and Pliers

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

Alows 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

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The Elbow Cleaning Tool is designed to enable cleaning of the bushing cavity of 15kV and 25kV class loadbreak elbows. Made of PVC, the tool has a tapered shaft that closely conforms to the cavity of the elbow. The end of the tool has two slots to hold a cleaning cloth.

Non Isolated Accessories

Overhead Lineman’s Wrench (OHW Series)

The OHW Series Overhead Lineman’s Wrench have 3/4”, 1” and 1-1/8” square drive sockets on 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 5/16” 12 point ratcheting box wrench on opposite and 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 drive sockets with two-sided 3/4” and 5/16” 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 5/16” 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-345SRP Ratcheting 1/2” socket and Penta Wrench on our patented ergonomically friendly isolated handle
Other socket sizes available

RBW-345SRP

PHS-1 PHS-2

RBW-345SRP

PHW-1
Speed Systems offers various kits that include some of the most common tool combinations. Contact the factory for custom kit configurations.

### Cable Prep Kits

<table>
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<tr>
<th>Kit</th>
<th>Description</th>
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<tbody>
<tr>
<td>CPK-1</td>
<td>Kit with 1542-2CL, 1646X and 1700SS in a CPK-12 Case</td>
</tr>
<tr>
<td>CPK-2</td>
<td>Kit with 1542-2CL, 1646X, 1700SS, SC-11 and SC-13 in a CPK-12 Case</td>
</tr>
<tr>
<td>CPK-3</td>
<td>Kit with 1542-2AS, 1646X, SC-11 and SC-13 in a CPK-12 Case</td>
</tr>
<tr>
<td>CPK-4</td>
<td>Kit with 1542-2CL, 1646X, 1700SS, CT-1, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-14 Bag</td>
</tr>
<tr>
<td>CPK-5</td>
<td>Kit with 1542-2CL, 1646X, 1700SS, BIT/E180AT, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-14 Bag</td>
</tr>
<tr>
<td>CPK-6</td>
<td>Kit with Mark I Tool Stop, 1700SS, SC-11 and SC-13 in a CPK-14 Bag</td>
</tr>
<tr>
<td>CPK-7</td>
<td>Kit with Mark I Tool Stop, 1700SS, BIT/E180AT, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-14 Bag</td>
</tr>
<tr>
<td>CPK-8</td>
<td>Kit with 1542-2CL, 1646X, 1700SS and LPW1525/TK120X-N in a CPK-18 Case</td>
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<tr>
<td>CPK-9</td>
<td>Kit with 1542-2CL, 1646X, 1700SS, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-18 Case</td>
</tr>
<tr>
<td>CPK-10</td>
<td>Kit with 1542-2AS, 1646X, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-18 Case</td>
</tr>
<tr>
<td>CPK-11</td>
<td>Kit with Mark I Tool Stop, 1800SS, CT-2, SC-11 and SC-13 in a CPK-24 Bag</td>
</tr>
</tbody>
</table>

### Tool Boxes

#### 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-14**
- Small Canvas Bag
- 14” x 9” x 7” (35.6 x 22.9 x 17.8 cm) (front)

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

#### Canvas Bags

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

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<td>Kit with 1542-3CL, 1640X and 1700SS in a CPK-12 Case</td>
</tr>
<tr>
<td>CPK-2</td>
<td>Kit with 1542-3CL, 1640X, 1700SS, SC-17 and SC-13 in a CPK-12 Case</td>
</tr>
<tr>
<td>CPK-3</td>
<td>Kit with 1542-2AS, 1640X, SC-17 and SC-13 in a CPK-12 Case</td>
</tr>
<tr>
<td>CPK-4</td>
<td>Kit with 1542-2AS, 1640X, 1700SS, CT-1, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-14 Bag</td>
</tr>
<tr>
<td>CPK-5</td>
<td>Kit with 1542-3CL, 1640X, 1700SS, BIT/E180AT, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-14 Bag</td>
</tr>
<tr>
<td>CPK-6</td>
<td>Kit with Mark I, Mark I Tool Stop, 1700SS, CT-1, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-14 Bag</td>
</tr>
<tr>
<td>CPK-7</td>
<td>Kit with Mark I, Mark I Tool Stop, 1700SS, BIT/E180AT, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-14 Bag</td>
</tr>
<tr>
<td>CPK-8</td>
<td>Kit with 1542-3CL, 1640X, 1700SS and LPW1525/TK120X-N in a CPK-18 Case</td>
</tr>
<tr>
<td>CPK-9</td>
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</tr>
<tr>
<td>CPK-10</td>
<td>Kit with 1542-2AS, 1640X, LPW1525/TK120X-N, SC-11 and SC-13 in a CPK-18 Case</td>
</tr>
<tr>
<td>CPK-11</td>
<td>Kit with Mark II, Mark II Tool Stop, 1800SS, CT-2, SC-11 and SC-13 in a CPK-24 Bag</td>
</tr>
</tbody>
</table>
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.

**Covered Tap Wire Stripper**
Speed Systems Covered Tap Wire Strippers are specifically designed to perform end and mid-span strips on covered tap wire. Cable samples are required to ensure the tool is properly sized for the specific cable being stripped.

**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 Prep Kits with Multiple Tool Combinations Ordering Chart**

| Catalog NUMBER | CPK-12 | CPK-14 | CPK-18 | 1542-2CL STRIPPER w/1648X GAUGE | 1542-2AS STRIPPER w/1648X GAUGE | CT-1 w/TOLL TOOL | MARK I w/TOOL STOP | LPW1525/ CHAMFER TOOL | BIT/18AWG BUSHING TOOL | SC-11 EDGE WEDGE | SC-13 ROLLER GRIP |
|----------------|--------|--------|--------|---------------------------------|---------------------------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|
| CPK-1          | X      |        |        |                                 |                                 |                |                 |                 |                 |                 |                 |                 |
| CPK-2          | X      |        |        |                                 |                                 |                |                 |                 |                 |                 |                 |                 |
| CPK-3          | X      | X      | X      |                                 |                                 |                |                 |                 |                 |                 |                 |                 |
| CPK-4          | X      | X      |        |                                 |                                 |                |                 |                 |                 |                 |                 |                 |
| CPK-5          | X      | X      | X      |                                 |                                 |                |                 |                 |                 |                 |                 |                 |
| CPK-6          | X      | X      |        |                                 |                                 |                |                 |                 |                 |                 |                 |                 |
| CPK-7          | X      | X      | X      |                                 |                                 |                |                 |                 |                 |                 |                 |                 |
| CPK-8          | X      |        | X      |                                 |                                 |                |                 |                 |                 |                 |                 |                 |
| CPK-9          | X      |        | X      |                                 |                                 |                |                 |                 |                 |                 |                 |                 |
| CPK-10         | X      |        |        |                                 |                                 |                |                 |                 |                 |                 |                 |                 |
| CPK-11         | X      |        |        |                                 |                                 |                |                 |                 |                 |                 |                 |                 |

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<th>Cond.</th>
<th>15kV - .175&quot; (4.4mm)</th>
<th>15kV - .220&quot; (5.6mm)</th>
<th>25kV - .260&quot; (6.6mm)</th>
<th>35kV - .345&quot; (8.8mm)</th>
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**Cable Prep Kits with Multiple Tool Combinations Ordering Chart**

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<th>MARK I w/TROJAN STOP</th>
<th>1700SS SCORDER</th>
<th>LPW1525/10 X COMB. TOOL</th>
<th>BIT/100/15 WEDGE TOOL</th>
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**Diameter Over Shielding and Conductor**

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Installing Power Cable Systems

Quality tools for Installing Power Cable Systems