



Tooling solutions for the power utility industry.

87 - RIDGID ACSR CABLE TRIMMER

Fast, accurate cable splice preparation. Tool operation is similar to that of conventional tubing cutter.

Trim up to 85 sizes of ACSR cable from 8 awg to 1,780,000 C.M.

The bushing holder, cutter, and handy carrying case are sold as one unit.

Case contains storage sockets for eleven bushings. Twelfth bushing is stored in holder.



87-ACSR

PART	BUSHING	A.W.G. or C.M.	No. of Strands
54440	E-5761	2/0	6/1
54445	E-5762	3/0	6/1
54450	E-5763	4/0	6/1
54465	E-5766	266,800	26/7
54480	E-5769	336,400	26/7
54500	E-5773	397,500	26/7
54520	E-5777	477,000	26/7
54540	E-5781	556,500	26/7
54575	E-5788	636,000	54/7 24/7
54580	E-5789	636,000	26/7
54595	E-5792	666,600	54/7 24/7
54615	E-5797	795,000	45/7

PART	BUSHING	A.W.G. or C.M.	No. of Strands
54625	E-5800	795,000	26/7
54630	E-5801	795,000	30/19
54650	E-5805	954,000	45/7
54655	E-5806	954,000	54/7
54665	E-5809	1,033,500	54/7
54670	E-5810	1,113,000	45/7
54675	E-5811	1,113,000	54/19
54680	E-5812	1,192,500	45/7
54700	E-5816	1,351,500	45/7
54730	E-5822	1,590,000	45/7
54735	E-5824	1,780,000	84/19
54800	E-5842	605,000	54/7 24/7

Other Cable Bushings Available Upon Request, Contact your Reliable Representative.

1905 ADJUSTABLE CABLE STRIPPER

For mid-span and end terminations. Strips TW, THW, THWN, THHN and similar single layer insulation.

Fast - close jaws and twist.

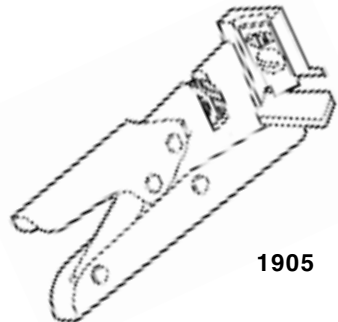
Quick size and insulation adjustments.

Snap action for same cutting depth time after time.

SPECIFICATIONS

Capacity:	1/0 - 1000 MCM Insulation rated 600 VAC Nominal
Weight:	9 lbs.

21978 Replacement Blade



1905



**IF YOU DON'T SEE WHAT YOU NEED
CONTACT RELIABLE EQUIPMENT
800-966-3530**

TO ORDER CALL: 800-966-3530 OR FAX: 215-357-9193



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U.S. Patent
No. 297,910

**REFER TO BUSHINGS
CHART ON NEXT PAGE**



U.S. Patent
No. 297,910

4 x 4 PLUS[®] CABLE END STRIPPERS

For 600 Volt Secondary Cable

Cutting heads for #6 AWG to 500 MCM conductors (Concentric, Compressed or Compacted)

Strips 45 MIL to 110 MIL XLPE, polyethylene and EPR insulation

Strips quickly, even in cold climates

Precision stripping with no conductor damage

Guarded cutting blades ensure safety

Bushings change easily and rapidly in the field or in your shop

Length with Bushings: 4.5 x 5 in. Reference

Weight with Bushings: 14 oz. Reference

Ordering Information

1. Select 4 bushings, Square or Chamfer Cut.
2. If uncertain, send cable samples.

Extension available (**Part #36106**) which permits stripping an additional 1-1/2" of insulation from the conductor.

2 x 2 PLUS[®] DOUBLE-ENDED END STRIPPER

Two Cutting Heads for 600 Volt Cable #6 AWG to 500 MCM (Concentric, Compressed or Compacted)

Interchangeable bushings strip different cable sizes

Strips quickly, even in cold climates

Guarded cutting blades ensure safety

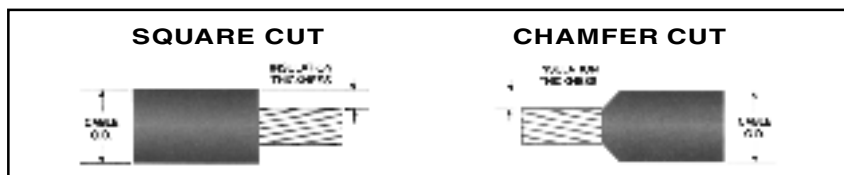
Extension available

Length with Bushings: 5.75 in. Reference

Weight with Bushings: 8 oz. Reference

Ordering Information

1. Select 2 bushings, Square or Chamfer Cut.
2. If uncertain, send cable samples.



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4 X 4 & 2 X 2 - CABLE STRIPPER BUSHINGS

For Concentric Cable

Cable Size	60 Mil		80 Mil		95 Mil	
	Max OD	Cat. No.	Max OD	Cat. No.	Max OD	Cat. No.
6	.315	10-32540	-	-	.390	10-40075
4	.365	10-37540	-	-	-	-
2	.440	10-45040	.465	10-47560	-	-
1	.465	10-47540	.515	10-52560	-	-
1/0	.515	10-52540	.565	10-57560	.590	10-60075
2/0	.565	10-57540	.590	10-60060	.640	10-65075
3/0	.615	10-62540	.665	10-67560	.690	10-70075
4/0	.665	10-67540	.715	10-72560	.740	10-75075
250	-	-	.765	11-77560	.790	11-80075
350	-	-	.865	11-87560	.890	11-90075
500	-	-	.990	11-100060	1.040	11-105075



Concentric Strand Conductor

For Compressed Cable

6	.315	10-32540	-	-	.390	10-40075
4	.365	10-37540	-	-	-	-
2	.440	10-42540	.465	10-47560	-	-
1	.465	10-47540	.515	10-52560	-	-
1/0	.515	10-50040	.565	10-55060	.590	10-60075
2/0	.565	10-55040	.590	10-60060	.640	10-62575
3/0	.615	10-60040	.665	10-65060	.690	10-67575
4/0	.665	10-67540	.715	10-70060	.740	10-75075
250	-	-	.765	10-75060	.790	11-77575
350	-	-	.865	11-85060	.890	11-90075
500	-	-	.990	11-97560	1.040	11-102575



Compressed Strand Conductor

For Compacted Cable

6	.315	10-32540	-	-	.390	10-40075
4	.365	10-37540	-	-	-	-
2	.440	10-42540	.465	10-47560	-	-
1	.465	10-45040	.515	10-50060	-	-
1/0	.515	10-47540	.565	10-52560	.590	10-57575
2/0	.565	10-52540	.590	10-57560	.640	10-60075
3/0	.615	10-57540	.665	10-62560	.690	10-65075
4/0	.665	10-62540	.715	10-67560	.740	10-70075
250	-	-	.765	10-72560	.790	11-75075
350	-	-	.865	11-80060	.890	11-85075
500	-	-	.990	11-92560	1.040	11-97575



Compacted Strand Conductor

TO ORDER CALL: 800-966-3530 OR FAX: 215-357-9193



Tooling solutions for the power utility industry.



1542-2CL

1542-2CL SERIES - SPEED STRIPPER

Designed to remove PE, XLP, EPR, and other types of insulation from high voltage power cables.

FEATURES

Precise blade depth adjustment.

Spiral cut and square cut adjustment.

Cable range 1/2" to 1-3/4".

Maximizes reliability of installation.

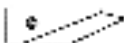
Provides greater speed and increased safety.

No bushings required.

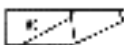
This tool can be universally used to prepare cables with outer dimensions ranging from 1/2" to 1-3/4".

The 1542-2CL can be ordered with a **#1562 Wedge Blade** or **#1581 Standard Blade** installed along with a backup in the spare blade compartment.

#1581
Standard Blade



#1562
Wedge Blade



1542-2AS SERIES - INSULATION REMOVAL AND SEMI-CON SCORING TOOL

Designed to strip off PE, XLP, EPR and other types of insulation from power cables, as well as scoring the semi-conductive outer shield with precise accuracy. All features of the 1542-2CL Speed Stripper and those of the 1700 semi-con scorer are combined into this tool.

FEATURES

Spiral cut and square cut adjustments.

Cable ranges 1/2" to 1-3/4".

Mechanical interlock between insulation cutter and scoring blade.

Provides greater speed and increased safety.

No bushings required.

Blade depth is adjusted with a knob located at the top of the tool. Variable width spiral cut is adjusted with a lever-clamp screw. The semi-con scorer blade is adjusted with a thumb wheel to precisely set a scribing blade depth from .001" to .090".



1542-2AS

Recommended for use on the following cables:

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

*Larger diameter cables and thicker insulation (i.e. higher voltage cable) will cause increasing difficulty in the use of the 1542 Series tool.

#1678 Scoring Blade



Consult your Reliable representative for installed and spare blade options.

TO ORDER CALL: 800-966-3530 OR FAX: 215-357-9193



Tooling solutions for the power utility industry.

MODEL 1700 SERIES

ADJUSTABLE BLADE SEMI-CON SCORER

Designed to score (scribe) the semi-conductive shield of high voltage cable for semi-con removal without nicking or damaging the cable insulation. Removal of the outer jackets can also be done with the scorer.

Adjustable blade depth for variations in semi-con thickness, these Scorers have a thumb wheel with a dial that has a calibrated setting of .001" to .100". Leaf Springs maintain constant pressure during operation.

Once the square scoring is performed at the correct stripback point, the blade lever is moved to the spiral setting and the tool is rotated to the end of the cable. The width of the spiral cut can be changed with a simple adjustment.

The **1700-LC** and **1700-SS-LC** have a lower jaw that has a relief cut to allow a ring cut within 1/2" from the edge of the LC or tape shield.

1700-SS



1700-LC



1701 AND 1701-L SERIES

FIXED BLADE SEMI-CON SCORER

The **1701 Scorer** is designed to function the same as the Model 1700 Series in applications where a fixed blade depth is desired.

1701-L Scorers are designed to perform similar to the 1700 and 1701 except the "L" Series will score with a square, spiral, and length wise cut. Able to score lengthwise strips of cable semi-con for removal, or for cutting test strips to determine semi-con shield adhesion. The "L" tool comes equipped with a removable auxiliary handle, which when installed on the outer edge of the cable saddle, allows the operator to use both hands when moving the tool lengthwise down the cable.

1701-L



Ordering Optional Features for 1700, 1701 & 1701-L Series

1700-SS	Dial locking set screw
1700-LC	Saddle relief for close-in cut
1700-SS-LC	Dial Locking Set Screw - Saddle Relief for Close-In Cut
1701	.023" Fixed Blade Scorer Depth with Square Cut / Spiral Cut
1701-1	.028" Fixed Blade Scorer Depth with Square Cut / Spiral Cut
1701-2	.033" Fixed Blade Scorer Depth with Square Cut / Spiral Cut
1701-3	.037" Fixed Blade Scorer Depth with Square Cut / Spiral Cut
1701-L	1701 with Square Cut / Spiral Cut / Lengthwise Cut (Specify Fixed Blade Depth)

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Tooling solutions for the power utility industry.



U.S. Patent
No. 3,204,495

WS 2 & WSK 2 - MID-SPAN STRIPPERS

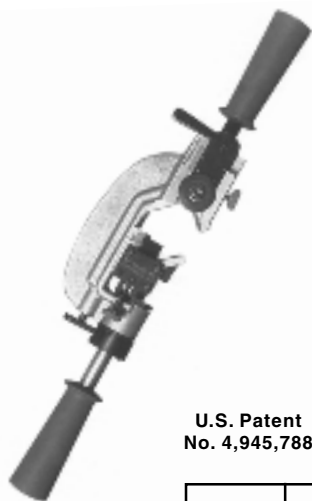
For .705 to 1,300 in. Cable O.D.
 Operates on all tree wire and spacer cables.
 Strips at end or any point along cable length.
 Designed for HOT STICK operation.
 Choice of handle styles.
 Each tool built for a specific cable size.
 Strips to any length in one continuous operation.
 WSK models have double-action blades.

Length: 11 in. end-to-end **Weight:** 2.5 lb.

ORDERING INFORMATION

1. Select the Type of Handle - Hook/Ring, Plastic, 3/4" Ring or 2-1/2" Ring
2. Send in a Cable Sample and/or a Cable Specification Sheet identifying cable O.D. and insulation thickness.

Hook/Ring	Model			Cable O.D.	Insulation Thickness	Repl. Blade
	Plastic	3/4" Rings	2-1/2" Rings			
WS 2	WSP 2	WSR 2	WSB 2	.750 - 1.30"	45 - 125 mil 125 to 200	CB 2 CB 1
WSK 2	WSPK 2	WSRK 2	WSBK 2	.75 to 1.3	> 200	CB 9-2A CB 19



U.S. Patent
No. 4,945,788

WS 55 - ADJ. MID-SPAN STRIPPER

For 5 to 25 kV Cable.
 Operates on all tree wire and spacer cables.
 Designed for hand operation only.
 Adjusts easily to handle variety of cable sizes and insulation thicknesses.

Versatile tool which can be used for:

- Midspan stripping of aerial cable.
- End stripping and jacket removal of URD cables.

Fast slide-action adjustment for many cable sizes.
 Easy grip plastic handles.

Tools and blades marked for easy adjustment.

Length: 16.5 in. end to end **Weight:** 2.6 lb.

Model	Cable O.D.	Insulation Thickness	Cutting Blade	Ringing Blade
WS 55	.600" to 1.625"	Up to 300	CB 100	CB 19

TO ORDER CALL: 800-966-3530 OR FAX: 215-357-9193



Tooling solutions for the power utility industry.

WS 50 & WS 50A ADJUSTABLE URD END STRIPPER

For 1/0 AWG to 1000 MCM URD cable .500" to 2.25" Cable O.D.

Two handles permit safe, easy operation on XLPE, plastic, polyethylene and EPR insulation of all thicknesses.

Adjustable strip stop bar gives an exact stripped conductor length and can be rotated to allow unlimited stripping.

Safe, clean cuts prevent conductor damage.

Length: 14.5 in. end-to-end **Weight:** 2.1 lb.

Replacement Blades:

CB 50A - Standard Reach blade

CB 50 - Long Reach blade

WS 61 - ADJ. URD JACKET STRIPPER

Designed for the removal of tough polyethylene encapsulated jackets of #2 AWG to 1000 MCM URD cables up to 2.25 in. O.D.

Blade adjustment offers precise positioning. May also be used as an adjustable end stripper.

Two handles permit safe, easy operation. Prevents damage to underlying concentric conductors.

Length: 14.5 in. end-to-end **Weight:** 2.1 lb.

Replacement Blade: **CB 155K**

BP A, BP 1A, BP 2A - BANANA PEELER[®] Adj. Blade Semi-con URD Scoring Tool

Scoring depth from 1 to 90 mils.

One hand scoring, circumference and length.

Spring-loaded blade scores precisely.

Teflon coated cable guide.

Unique cartridge adapts to out-of-round cables.

Semi-con removes cleanly with no damage to underlying insulation.

Length: 9.4 in. end-to-end **Weight:** 13 oz.

Replacement Blade: **4230**

Model	Cable O.D. Range
BP A	.375 - .750 in.
BP 1A	.750 - 1.250 in.
BP 2A	1.250 - 2.000 in.



WS 50A



WS 61



BP 1A
U.S. Patent
No. 4,955,137

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