



CABLE PREPARATION TOOLS

- *POWER*
- *TRANSMISSION*
- *DISTRIBUTION*

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www.ripley-tools.com



Ripley supports the National Cable Splicer's Certification








Tools for Electric Utility

DISTRIBUTION

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 RCS-114, RCS-158 Round Cable Strippers.....	M101, U150
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 RLN Long Nose Pliers.....	U170

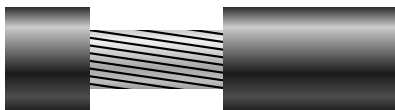
Tools for Electric Utility

TRANSMISSION

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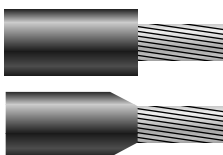
Cable Preparation Examples

Mid-Span Stripping of Tree Wire, Spacer Cables and Riser/ Tap Wire



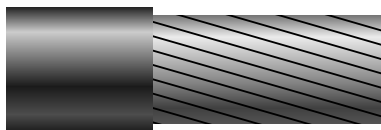
RMS
WS 1
WS 2, WSK 2
WS 10
WSK 10
WS 55
WS 62-U-M
WS 64-U-M
WS-MSES

End Stripping 600 V Secondary Cables with either Square or Chamfer Cuts



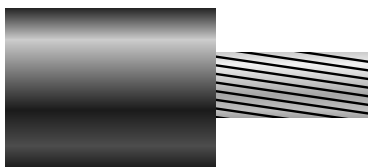
4 x 4 PLUS®
2 x 2 PLUS
WS 68
WS 22
WS 62-U-E
WS 68 SNAP
WS 71

Jacket Stripping URD Cables



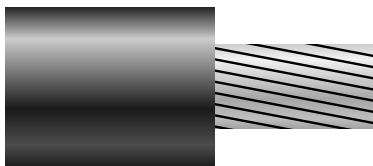
WS 61
WS 64-U
WS 73
RCS-114
RCS-158
MK01A
MK04

Insulation End Stripping URD Cables



WS 5
WS 5A
WS 5B
WS 5DA
WS 6
WS 50
WS 50A
WS 58
WS 64-U-E

Insulation End Stripping-Transmission Cables



WS 50
WS 50A
WS 57
WS 70



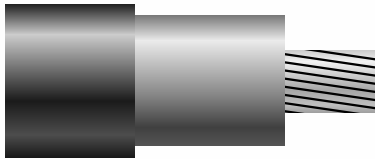
Cable Preparation Examples

Removing Strippable Insulation Shield from URD Cables



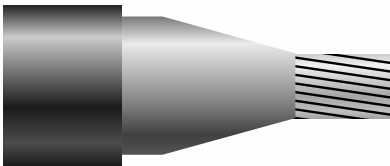
BP A
BP 1A
BP 2A
BP 3A
WS 15

Removing Bonded Insulation Shield from
URD and Transmission Cables



WS 9A
WS 9C
WS 9S
WS 9S-T
WS 40
WS 51
WS 51A
WS 57A
WS 75

Pencil-ing URD Cables



WS 7
WS 7A
WS 8
WS 8A

Pencil-ing Transmission Cables



WS 14A
WS 16
WS 17
WS 37

Chamfering Insulation on URD Cables



IC 1
IC 2

4x4 Plus® & 2x2 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 secondary insulations
- Choice of **square cut** or **chamfer cut blades**
- Strips quickly, even in cold climates
- Guarded cutting blades ensure safety
- Precision stripping with no conductor damage
- Bushings change easily with hex wrench
- Extensions available to strip additional 1.5" (38 mm)
- Made in the U.S.A.
- 4 x 4: Length w/ bushings: 4.5 x 5 in (114 x 127 mm); weight: 14 oz (397 g)
- 2 x 2: Length w/ bushings: 5.75 in (146 mm); weight: 8 oz (227 g)
- 2x2 Body Part No.: 36101H
- 4x4 Body Part No.: 36001H

4X4 PLUS®



2x2 Plus

Ordering information

1. Select 4 bushings (4 x 4) or two bushings (2 x 2), square or chamfer cut
2. If uncertain, send cable samples

WS 68

WS 68 SERIES



Power Driven End Strippers

- **Ergonomic** end stripping tools for 600 volt secondary cable - **designed for use with a low or variable speed power drill**
- Tools designed to reduce working time and effort on repetitive stripping functions
- New **adjustable strip stop** with adjustment window allows easy setup for precise strip lengths from 0.625 in (15.9 mm) to 2.5 in (63.6 mm)
- **Uses standard 2x2 and 4x4 bushings:** From #6 AWG to 500 MCM (concentric, compressed, or compacted)
- **WS 68 SNAP** adds a bushing quick disconnect feature eliminating the need for a hex wrench
- 3/8" & 1/2" square socket adapters available
- Made in the U.S.A.

WS 68 SNAP

	WS 68	WS 68 SNAP
Drill Adapter(s) Included with tool	1/4" (6.35 mm) hex for quick disconnect chucks	3/8" (9.5 mm)
Length	6.63 in (168 mm)	8.5" (216 mm) w/ bushing
Weight	10.4 oz (294 g)	1.25 lbs (567.5 g) w/ bushing
Part Number	37430	37955

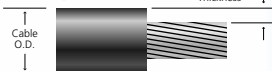
2x2 PLUS & 4x4 Plus® Bushings to Square Cut Insulation

Replacement Blade: CB 6667

Square Cut

Insulation
Thickness

These tables should only be used as a guide. Cable samples should be provided to Ripley to ensure proper sizing.



Concentric Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number
6	.290	7.37	10-30030	.315	8.00	10-32540	*	*	*	.390	9.91	10-40075
4	.340	8.64	10-35030	.365	9.27	10-37540	*	*	*	*	*	*
2	.390	9.91	10-40030	.440	11.18	10-45040	.465	11.81	10-47560	*	*	*
1	*	*	*	.465	11.81	10-47540	.515	13.08	10-52560	*	*	*
1/0	*	*	*	.515	13.08	10-52540	.565	14.35	10-57560	.590	14.99	10-60075
2/0	*	*	*	.565	14.35	10-57540	.590	14.99	10-60060	.640	16.26	10-65075
3/0	*	*	*	.615	15.62	10-62540	.665	16.89	10-67560	.690	17.53	10-70075
4/0	*	*	*	.665	16.89	10-67540	.715	18.16	10-72560	.740	18.80	10-75075
MCM												
250	*	*	*	*	*	*	.765	19.43	11-77560	.790	20.07	11-80075
350	*	*	*	*	*	*	.865	21.97	11-87560	.890	22.61	11-90075
500	*	*	*	*	*	*	.990	25.15	11-100060	1.040	26.42	11-105075



Compressed Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number
6	.290	7.37	10-30030	.315	8.00	10-32540	*	*	*	.390	9.91	10-40075
4	.340	8.64	10-35030	.365	9.27	10-37540	*	*	*	*	*	*
2	.390	9.91	10-40030	.415	10.54	10-42540	.465	11.81	10-47560	*	*	*
1	*	*	*	.465	11.81	10-47540	.515	13.08	10-52560	*	*	*
1/0	*	*	*	.490	12.45	10-50040	.540	13.72	10-55060	.590	14.99	10-60075
2/0	*	*	*	.540	13.72	10-55040	.590	14.99	10-60060	.615	15.26	10-62575
3/0	*	*	*	.590	14.99	10-60040	.640	16.26	10-65060	.665	16.89	10-67575
4/0	*	*	*	.665	16.89	10-67540	.690	17.53	10-70060	.740	18.80	10-75075
MCM												
250	*	*	*	*	*	*	.740	18.80	10-75060	.765	19.43	11-77575
350	*	*	*	*	*	*	.840	21.34	11-85060	.890	22.61	11-90075
500	*	*	*	*	*	*	.965	24.51	11-97560	1.015	25.78	11-102575



Compacted Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number
6	.290	7.37	10-30030	.315	8.00	10-32540	*	*	*	.390	9.91	10-40075
4	.340	8.64	10-35030	.365	9.27	10-37540	*	*	*	*	*	*
2	.390	9.91	10-40030	.415	10.54	10-42540	.465	11.80	10-47560	*	*	*
1	*	*	*	.440	11.18	10-45040	.490	12.35	10-50060	*	*	*
1/0	*	*	*	.465	11.81	10-47540	.515	13.08	10-52560	.565	14.35	10-57575
2/0	*	*	*	.515	13.08	10-52540	.565	14.35	10-57560	.590	14.99	10-60075
3/0	*	*	*	.565	14.35	10-57540	.615	15.62	10-62560	.640	16.26	10-65075
4/0	*	*	*	.615	15.62	10-62540	.665	16.89	10-67560	.690	17.35	10-70075
MCM												
250	*	*	*	*	*	*	.715	18.16	11-72560	.740	18.80	10-75075
350	*	*	*	*	*	*	.790	20.07	11-80060	.840	21.34	11-85075
500	*	*	*	*	*	*	.915	23.24	11-92560	.965	24.15	11-97575

SUPER STRIPPER KIT

Square Cut Bushing Sets for Electrical Wire

- Four standard kit configurations
- Order by wire type
- Each kit comes with a choice of the 4x4 Plus, or the WS 68, or the WS 68 SNAP body, a set of bushings, and a tool case
- Also available with a WS 68 or WS 68 SNAP ergonomic tool
- See tables on the following pages as a guide
- Bushings may also be ordered separately



Square Cut Bushing Selection Charts for Electrical Wire

4x4, 2x2 and WS 68 Tools — Bushings may be ordered separately (by bushing part numbers) or in four standard kit configurations (part numbers shown below) by wire type. Each of these 4 kits come with a 4x4 body, the bushings as shown, and a tool case.

These tables should only be used as a guide. Cable samples should be provided to Ripley to ensure proper sizing.

Standard Kit Sets

Bushing Part No.	THHN Copper Conductor Kit P/N: 34695	XHHW Copper Conductor Kit P/N: 34910	THHN/XHHN Aluminum Conductor Size Kit P/N: 34998	RHW/RHH/USE Copper Conductor Size Kit P/N: 34785
10-27522	6	6	6	—
10-32530	—	—	4	—
10-32540	—	—	—	6
10-35030	4	4	—	—
10-37530	3	3	2	—
10-37540	—	—	—	4
10-40030	2	2	—	—
10-42540	—	—	1	—
10-45040	—	—	—	2
10-47540	1	1	1/0	—
10-52540	1/0	1/0	2/0	—
10-52560	—	—	—	1
10-55040	2/0	2/0	—	—
10-57540	—	—	3/0	—
10-57560	—	—	—	1/0
10-60040	3/0	3/0	—	—
10-60060	—	—	—	2/0
10-62540	—	—	4/0	—
10-65060	—	—	—	3/0
10-67540	4/0	4/0	—	—
10-70050	—	—	250 MCM	—
10-72560	—	—	—	4/0
10-75050	250 MCM	250 MCM	300 MCM	—
11-77550	—	300 MCM	—	—
11-80050	300 MCM	—	350 MCM	—
11-80075	—	—	—	250 MCM
11-82550	—	350 MCM	400 MCM	—
11-85050	350 MCM	—	—	—
11-85075	—	—	—	300 MCM
11-87550	400 MCM	400 MCM	—	—
11-90075	—	—	—	350 MCM
11-92550	—	—	500 MCM	—
11-97550	500 MCM	500 MCM	—	—
11-102575	—	—	—	500 MCM

Special Order Sizes (not included in standard Kit Sets above)

11-102560	—	—	*600 MCM	—
11-105060	*600 MCM	*600 MCM	—	—
11-107560	—	—	*700 MCM	—
11-110060	—	—	*750 MCM	—
11-117560	*750 MCM	*750 MCM	—	—

SECONDARY DIST.

PRIMARY DIST. (OH)

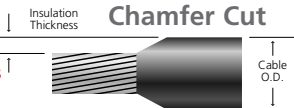
PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

2x2 PLUS & 4x4 Plus® Bushings to Chamfer Cut Insulation

Replacement Blade: CB 108



These tables should only be used as a guide. Cable samples should be provided to Ripley to ensure proper sizing.



Concentric Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number
6	.290	7.37	12-30030	.315	8.00	12-32540	*	*	*	.390	9.91	12-40075
4	.340	8.64	12-35030	.365	9.27	12-37540	*	*	*	*	*	*
2	.390	9.91	12-40030	.440	11.18	12-45040	.465	11.81	12-47560	*	*	*
1	*	*	*	.465	11.81	12-47540	.515	13.08	12-52560	*	*	*
1/0	*	*	*	.515	13.08	12-52540	.565	14.35	12-57560	.590	14.99	12-60075
2/0	*	*	*	.565	14.35	12-57540	.590	14.99	12-60060	.640	16.26	12-65075
3/0	*	*	*	.615	15.62	12-62540	.665	16.89	12-67560	.690	17.53	12-70075
4/0	*	*	*	.665	16.89	12-67540	.715	18.16	12-72560	.740	18.80	12-75075
MCM												
250	*	*	*	*	*	*	.765	19.43	13-77560	.790	20.07	13-80075
350	*	*	*	*	*	*	.865	21.97	13-87560	.890	22.61	13-90075
500	*	*	*	*	*	*	.990	25.15	13-100060	1.040	26.42	13-105075



Compressed Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number
6	.290	7.37	12-30030	.315	8.00	12-32540	*	*	*	.390	9.91	12-40075
4	.340	8.64	12-35030	.365	9.27	12-37540	*	*	*	*	*	*
2	.390	9.91	12-40030	.415	10.54	12-42540	.465	11.81	12-47560	*	*	*
1	*	*	*	.465	11.81	12-47540	.515	13.08	12-52560	*	*	*
1/0	*	*	*	.490	12.45	12-50040	.540	13.72	12-55060	.590	14.99	12-60075
2/0	*	*	*	.540	13.72	12-55040	.590	14.99	12-60060	.615	15.26	12-62575
3/0	*	*	*	.590	14.99	12-60040	.640	16.26	12-65060	.665	16.89	12-67575
4/0	*	*	*	.665	16.89	12-67540	.690	17.53	12-70060	.740	18.80	12-75075
MCM												
250	*	*	*	*	*	*	.740	18.80	12-75060	.765	19.43	13-77575
350	*	*	*	*	*	*	.840	21.34	13-85060	.890	22.61	13-90075
500	*	*	*	*	*	*	.965	24.51	13-97560	1.015	25.78	13-102575



Compacted Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number
6	.290	7.37	12-30030	.315	8.00	12-32540	*	*	*	.390	9.91	12-40075
4	.340	8.64	12-35030	.365	9.27	12-37540	*	*	*	*	*	*
2	.390	9.91	12-40030	.415	10.54	12-42540	.465	11.80	12-47560	*	*	*
1	*	*	*	.440	11.18	12-45040	.490	12.35	12-50060	*	*	*
1/0	*	*	*	.465	11.81	12-47540	.515	13.08	12-52560	.565	14.35	12-57575
2/0	*	*	*	.515	13.08	12-52540	.565	14.35	12-57560	.590	14.99	12-60075
3/0	*	*	*	.565	14.35	12-57540	.615	15.62	12-62560	.640	16.26	12-65075
4/0	*	*	*	.615	15.62	12-62540	.665	16.89	12-67560	.690	17.35	12-70075
MCM												
250	*	*	*	*	*	*	.715	18.16	12-72560	.740	18.80	13-75075
350	*	*	*	*	*	*	.790	20.07	13-80060	.840	21.34	13-85075
500	*	*	*	*	*	*	.915	23.24	13-92560	.965	24.15	13-97575

WS 22 SERIES

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION



WS 22

Double-Ended End Stripper

- For 600 volt cables, 1/0 AWG to 1000 MCM
- Square-cuts two specific cable sizes
- Clean strips quickly with no conductor damage
- Made in the U.S.A.
- Length: 6 in (152 mm)
- Weight: 1.0 lb (454 g)
- Part No.: 12304H



Ordering Information

1. Select 2 bushings
2. If uncertain, send cable samples



WS 22A

Power Driven End Stripper

- **Ergonomic** end stripping tool for 600 volt secondary cable, 1/0 AWG to 1000 MCM - **designed for use with a low or variable speed power drill**
- Tool designed to reduce working time and effort on repetitive stripping functions
- New **adjustable strip stop** with adjustment window allows easy setup for precise strip lengths from 1 in (25.4 mm) to 5.0 in (127 mm)
- Choice of Drill Drive or Socket Drive adapters available
- Uses standard WS 22 bushings
- Strips quickly, even in cold climates
- Precision stripping with no conductor damage
- Guarded cutting blades ensure safety
- Made in the U.S.A.
- Length without bushings: 7.44 in (189 mm)
- Weight without bushings: 15 oz (426 g)

WS 22A	Part Number
w/ 3/8" Drill Drive	12340
w/ 1/4" Hex Drive	12340-1
w/ 3/8" Square Socket Drive	12340-2
w/ 1/2" Square Socket Drive	12340-3

ERGONOMIC KIT

Secondary Cable Stripping

- Can be customized with the WS 22A, or the WS 68 Snap, or both
- Can be customized with bushing in the ranges of 8-500 MCM, or 500-1000 MCM
- Can contain spare parts, blades, tube-o-lube, etc.
- Includes carrying case
- Call Ripley Representative for more information and to place your order



SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALITY DIST.

TRANSMISSION

WS 22 SERIES Bushings to Square Cut Insulation

These tables should only be used as a guide. Cable samples should be provided to Ripley to ensure proper sizing.



Bushing selection tables by conductor size and insulation thickness (part numbers listed)

Concentric Strand Conductor Replacement Blade: CB 22

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number
1/0	.515	13.08	15-52540	.565	14.35	15-57560	.590	14.99	15-60075	*	*	*
2/0	.565	14.35	15-57540	.590	14.99	15-60060	.640	16.26	15-65075	*	*	*
3/0	.615	15.62	15-62540	.665	16.89	15-67560	.690	17.53	15-70075	*	*	*
4/0	.665	16.89	15-67540	.715	18.16	15-72560	.740	18.80	15-75075	*	*	*
MCM												
250	*	*	*	.765	19.43	15-77560	.790	20.07	15-80075	.815	20.70	15-82590
350	*	*	*	.865	21.97	15-87560	.890	22.61	15-90075	.965	24.51	15-92590
500	*	*	*	.990	25.15	15-100060	1.040	26.42	15-105075	1.065	27.05	15-107590
600	*	*	*	1.065	27.05	15-107560	1.115	28.32	15-112575	1.140	28.96	15-115090
700	*	*	*	1.165	29.59	15-117560	1.190	30.23	15-120075	1.125	30.86	15-122590
750	*	*	*	1.190	30.23	15-120060	1.215	30.86	15-122575	1.240	31.50	15-125090
800	*	*	*	1.215	30.86	15-122560	1.265	32.13	15-127575	1.290	32.77	15-130090
900	*	*	*	1.290	32.77	15-130060	1.315	33.40	15-132575	1.365	34.67	15-137590
1000	*	*	*	1.340	34.04	15-135060	1.365	34.67	15-137575	1.390	35.31	15-140090



Compressed Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number
1/0	.490	12.45	15-50040	.540	13.72	15-55060	.590	14.99	15-60075	*	*	*
2/0	.540	13.72	15-55040	.590	14.99	15-60060	.615	15.62	15-62575	*	*	*
3/0	.590	14.99	15-60040	.640	16.26	15-65060	.665	16.89	15-67575	*	*	*
4/0	.665	16.89	15-67540	.690	17.53	15-70060	.740	18.80	15-75075	*	*	*
MCM												
250	*	*	*	.740	18.80	15-75060	.765	19.43	15-77575	.815	20.70	15-82590
350	*	*	*	.840	21.34	15-85060	.890	22.61	15-90075	.915	23.27	15-92590
500	*	*	*	.965	24.51	15-97560	1.015	25.78	15-102575	1.040	26.42	15-105090
600	*	*	*	1.065	27.05	15-107560	1.090	27.69	15-110075	1.115	28.32	15-112590
700	*	*	*	1.140	28.96	15-115060	1.165	29.39	15-117575	1.190	30.23	15-120090
750	*	*	*	1.165	19.59	15-117560	1.190	30.23	15-120075	1.215	30.86	15-122590
800	*	*	*	1.190	30.23	15-120060	1.215	32.86	15-122575	1.265	32.13	15-127590
900	*	*	*	1.240	32.50	15-125060	1.290	32.77	15-130075	1.315	33.40	15-132590
1000	*	*	*	1.315	33.40	15-132560	1.340	34.04	15-135075	1.365	34.67	15-137590



Compact Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number	Max. (in)	O.D. (mm)	Part Number
1/0	.465	11.81	15-47540	.515	13.08	15-52560	.565	14.35	15-57575	*	*	*
2/0	.515	13.08	15-52540	.565	14.25	15-57560	.590	14.99	15-60075	*	*	*
3/0	.565	14.35	15-57540	.615	15.62	15-62560	.640	16.26	15-65075	*	*	*
4/0	.615	15.62	15-62540	.665	16.89	15-67560	.690	17.53	15-70075	*	*	*
MCM												
250	*	*	*	.715	18.16	15-72560	.740	18.80	15-75075	.790	20.07	15-80090
350	*	*	*	.790	20.07	15-80060	.840	21.34	15-85075	.865	21.97	15-87590
500	*	*	*	.915	23.27	15-92560	.965	24.51	15-97575	.990	25.15	15-100090
600	*	*	*	1.065	25.78	15-102560	1.040	26.42	15-105075	1.090	27.69	15-110090
700	*	*	*	1.015	27.05	15-107560	1.090	27.69	15-110075	1.140	28.96	15-115090
750	*	*	*	1.065	27.69	15-110060	1.140	28.96	15-115075	1.165	29.59	15-117590
800	*	*	*	1.090	28.96	15-115060	1.165	29.59	15-117575	1.265	30.23	15-120090
900	*	*	*	1.190	30.23	15-120060	1.215	30.86	15-122575	1.190	32.13	15-127590
1000	*	*	*	1.265	32.13	15-127560	1.290	32.77	15-130075	1.315	33.40	15-132590

WS 62 SERIES

Adjustable Cable Stripper

- **“Universal”** tool for end stripping or mid span stripping of high density outer jackets or insulating material
- End stripping and mid span stripping with different blades (interchangeable)
- For cable sizes from 1/2” up to 1-1/2” (12.7 to 38.1 mm) cable O.D.
- Adjustable design perfect for contractors working on common secondary voltage applications
- Removes outer jacket on smaller primary power cables (all major insulation shields)
- When using mid span blade stripping version, caution must be used when end stripping concentric neutral cables
- Versatile design also includes ability to strip secondary and primary insulations
- Quickly and easily adjusts to cable size with spring loaded “trigger-action” jaw
- Micro adjustable blade allows accurate setup for a variety of insulation thicknesses
- Self feeding tool design allows easy and efficient operation with minimal effort
- Compact design for tighter work space requirements
- Rugged, all metal body design
- U.S. Patent No.: D437,766
- Made in the U.S.A.
- Length: 8 in (200 mm)
- Weight: 1.7 lb (770 g)



CB 242
(Part# 37294)

CB 236
(Part# 37299)

Available Purchase Configurations:

Model	Function	Installed Blade	Part No.
WS 62-U-E	End Stripping Only <ul style="list-style-type: none"> • Outer jackets up to 1.5" OD (38.1mm) • Insulation to 1.5" OD, up to 35Kv - 345 mils (8.8mm) maximum thickness 	CB 242	37291
WS 62-U-M	Mid Span <ul style="list-style-type: none"> • Outer jackets up to 1.5" OD (38.1mm) • 175 mil (4.4mm) maximum insulation / covering thickness 	CB 236	37292
WS 62-U-EM	End Strip and Mid Span Stripping	CB 242 Installed; CB 236 Included	37290
WS 62-U-M260		CB260	37172

WS 71, WS 72

Adjustable End and Mid-Span Strippers

- For end (WS 71) and mid-span stripping (WS 72) of 600V secondary cable
- Cable range of 1/2 to 1.3 in (12.7 to 33 mm) OD (1/0 to 1000 MCM)
- Bright color for easy visibility
- Preset blade positions for 45, 60, 80, 95 and 110 mil insulation thickness
- Quick release adjustment simplifies sizing on cable
- Made of impact resistant and lightweight polymer material
- Mid-Span and End Stripping blades are interchangeable in the same tool body
- Made in the U.S.A.
- Dimensions: 5 x 4 x 2-1/2 in (127 x 102 x 64 mm)
- Weight: 9.3 oz (263 g)



WS 71



WS 72

Model	Function	Installed Blade	Part No.
WS 71	End Stripping Cable Range .5" to 1.3" (12.7 to 33 mm) OD	CB 7 (Part# 10302)	42120
WS 72	Mid-Span Stripping Cable Range .5" to 1.3" (12.7 to 33 mm) OD	CB 272 (Part# 42137)	42130

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

RMS

Remote Mid-Span Stripper

- Remote Mid-Span Stripper will quickly and safely remove insulation from tree wire & spacer cable with cable ODs of .600 to 1.75 in (15.24 to 44.45 mm) and voltages of 15 KV to 34.5 KV
- Tool will mid-span strip any phase without removing the conductor from spacers
- Designed for one-man hand operation from a bucket
 - The tool's head is surrounded by an insulated Delrin housing with an insulated stick and epoxy shaft connecting the head to the gearbox
 - Each cable size requires a separate bushing
 - Each bushing comes with a wire gauge to ensure the proper bushing is used on the wire
 - Length and weight varies according to customer specifications
 - for a 4' model, overall length is 73" (1.85 m) and weight is 11 lbs (5 Kg)
 - **Please contact us for further information**
 - Made in the U.S.A.



MTS – RMS Clamp

- Stop clamp that fits over insulation of wire to stop forward progression of RMS, providing square cut. MTS has a maximum cable OD of 1.8 in (45.7 mm)
- Made in the U.S.A.
- Part No.: 38215



WS 1 SERIES

Mid-Span Strippers

- For .320 to .790 in (8.13 to 20.07 mm) Cable O.D.
- Operates on all tree wire and spacer cables
- Choice of handle styles
- **Each tool built for a specific cable size**
- Designed for HOT STICK operation
- Strips to any length in one continuous operation
- Strips at end or any point along cable length (mid-span)
- Made in the U.S.A.
- Length: 11 in (279 mm) end-to-end
- Weight: 2.5 lb (1.13 kg)



WS1
Hook/Ring

Ordering Information

1. Select the type of handle you want
2. Send Ripley a cable sample and/or a cable specification sheet identifying cable O.D. and insulation thickness



WSP1
Plastic



WSR1
Rings

Models			Cable O.D.		Insulation Thickness	Replacement Blade
Hook/Ring	Plastic	3/4"(19 mm) Rings	(inch)	(mm)	(mils)	
WS 1 Part# 17200	WSP 1 Part# 17500	WSR 1 Part# 17300	.320 to .790	8.13 to 20.07	45 to 125 125 to 200	CB 2 CB 1

- CB 2 Replacement Blade Part No.: 10114
- CB 1 Replacement Blade Part No.: 10113

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

WS 2 SERIES

Mid-Span Strippers

- For .750 to 1.250 in (19.05 to 31.75 mm) Cable O.D.
- Operates on all tree wire and spacer cables
- Strips at end or any point along cable length (mid-span)
- Designed for gloved hand and HOT STICK operation
- Choice of handle styles
- **Each tool built for a specific cable size**
- Strips to any length in one continuous operation
- "K" models have double-action blades
- Made in the U.S.A.
- Length: 11 in (279 mm) end-to-end
- Weight: 2.5 lb (1.13 kg)



Ordering Information

1. Select the type of handle you want
2. Send Ripley a cable sample and/or a cable specification sheet identifying cable O.D. and insulation thickness

WS 2 & WSK 2
Hook/Ring



WSR 2 & WSRK 2
3/4" (19 mm) Rings



WSP 2 & WSPK 2
Plastic



Models		Cable O.D.		Insulation Thickness		Replacement Blade
Hook/Ring	Plastic	3/4" (19 mm) Rings	(inch)	(mm)	(mils)	
WS 2 Part# 18100	WSP 2 Part# 18500	WSR 2 Part# 18200	.750 to 1.250	19.05 to 31.75	45 to 125 125 to 200	CB 2 CB 1
WSK 2 Part# 19700	WSPK 2 Part# 20000	WSRK 2 Part# 19800	.750 to 1.250	19.05 to 31.75	200	CB 8-2A & CB 19

- CB 2 Replacement Blade Part No.: 10114
- CB 8-2A Replacement Blade Part No.: 19702
- CB 1 Replacement Blade Part No.: 10113
- CB 19 Replacement Blade Part No.: 10112

WS 10 SERIES

Mid-Span Strippers

- For 1.05 to 1.80 in (26.67 to 45.72 mm) Cable O.D.
- Operates on all tree wire and spacer cables
- Strips to any length
- Strips at end or any point along cable length (mid-span)
- Designed for gloved hand and HOT STICK operation
- **Separate tool required for each cable size**
- "K" models have two cutting blades
- Made in the U.S.A.
- Length: 15 in (381mm) end-to-end
WSRK 10: 12 in (305 mm)
- Weight: 4 lb (1.81 Kg)



Ordering Information

1. Select the type of handle you want
2. Send Ripley a cable sample and/or a cable specification sheet identifying cable O.D. and insulation thickness

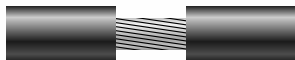
WSP 10 & WSPK 10
Plastic



WSR 10 & WSRK 10
3/4" (19 mm) Rings



WSB 10 & WSBK 10
2 1/2" (64 mm) Rings



Models			Cable O.D.		Insulation Thickness	Replacement Blade
Plastic Handles	3/4" (19 mm) Rings	2 1/2" (64 mm) Rings	(inch)	(mm)	(mils)	
WSP 10 Part# 11300	WSR 10 Part# 11335	WSB 10 Part# 11340	1.05 to 1.80	26.67 to 45.72	< 200	CB 4
WSPK 10 Part# 11330	WSRK 10 Part# 11345	WSBK 10 Part# 11350	1.05 to 1.80	26.67 to 45.72	≥200	CB 8-2B CB 162

- CB 4 Replacement Blade Part No.: 11313
- CB 8-2B Replacement Blade Part No.: 19704
- CB 162 Replacement Blade Part No.: 34782

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

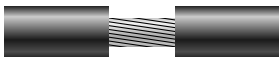
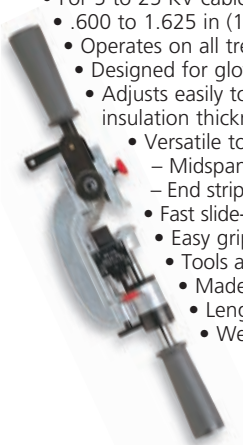
SPECIALTY DIST.

TRANSMISSION

WS 55

Adjustable Mid-Span Strippers

- For 5 to 25 KV cable
- .600 to 1.625 in (15.24 to 41.28 mm) Cable O.D.
- Operates on all tree wire and spacer cables
- Designed for gloved 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
 - Made in the U.S.A.
 - Length: 16.5 in (419 mm)
 - Weight: 2.6 lb (1.18 Kg)



Model	Cable O.D.		Insulation Thickness	Cutting Blade	Ringling Blade
	(inch)	(mm)			
WS 55 Part# 34260	.600 to 1.625	15.24 to 41.25	up to 300 mils	CB 100 Part# 34294	CB 19 Part# 10112

WS 73

Adjustable Cable Stripper

- For mid-span and end stripping the outer jacket on secondary and primary cables
- Adjustable cutting depth via fine adjustment knob
- Good for cable diameters from 1/2 in (12.7 mm) to 1-1/2 in (38 mm)
- *Can be used for Olex CCT cable*
 - Strong cast aluminum body
 - Tool steel blade
 - Made in the U.S.A.
 - Replacement Blade: CB 267 (Part No.: 42293)
 - Length: 9.25 in (235 mm)
 - Weight: 1.8 lbs (816 g)
 - Part No.: 42290



WS-MSES

Mid-Span Tool for Primary Tap Wire

- Mid-span and end stripping tool for fast and efficient removal of polyethylene covering on primary voltage tap or riser wires
- Designed to easily remove a section of cable jacket at mid span for the purpose of clamping to lightning arrestors
- Tool feeds easily and strips any desired length
- Tools are cable size specific and designed to strip cable with no conductor damage
- Unique spring loaded locking bolt opens the tool body halves for quick and easy positioning onto the cable
- Convenient pull ring at the end of the locking bolt also serves as a means of attachment to tool belt / pouch
- Replacement Blade: CB 223 (37111)
- **Common Wire Sizes:** #2, #4 and #6 AWG with 110 mil coverings. Other covering thicknesses available; contact Ripley Customer Service for more information
- Made in the U.S.A.
- Length: 4.25 in (108 mm)
- Weight: 15 oz (426 g)



Cable Size	Insulation Thickness	Part Number
#2	110 mil	37388
#4	110 mil	37380
#4	150 mil	37715
#6	110 mil	37384

WS 50 SERIES

Adjustable URD End Stripper

- For 1/0 AWG to 1000 MCM URD cable
- .500 to 2.25 in (12.70 to 57.15 mm) cable O.D.
- Two handles permit safe, easy operation on XLPE, plastic, polyethylene and EPR insulation of all thicknesses
- Adjustable strip stop bar on WS 50A gives an exact stripped conductor length and can be rotated to allow unlimited stripping
- Safe, clean cuts prevent conductor damage
- CB 50 blade included with tool
- Adjustable to fit wide range of cable O.D.'s
- Made in the U.S.A.
- Replacement blades:
 - CB 50A – Standard Reach blade (30712) produces a smaller cut
 - CB 50 – Long Reach blade (30703) produces a wider cut
- Length: 14.5 in (368 mm) • Weight: 2.1 lb (953 g)
- WS 50 Part No.: 30700 • WS 50A Part No.: 30713



ALSO AVAILABLE: Retrofit Kit - Part # 34730
Adds precision adjustment feature to your WS 50

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

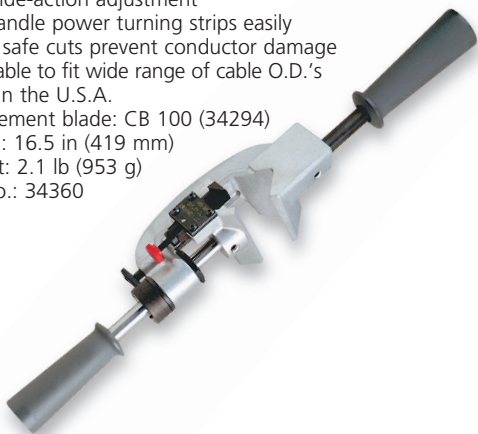
SPECIALTY DIST.

TRANSMISSION

WS 58

Adjustable End Stripper

- For .625 to 1.625 in (15.88 to 41.28 mm) cable O.D.
- Fast, slide-action adjustment
- Two handle power turning strips easily
- Clean, safe cuts prevent conductor damage
- Adjustable to fit wide range of cable O.D.'s
- Made in the U.S.A.
- Replacement blade: CB 100 (34294)
- Length: 16.5 in (419 mm)
- Weight: 2.1 lb (953 g)
- Part No.: 34360



WS 61

Adjustable URD Jacket Stripper

- For stripping encapsulated jackets of #2 AWG to 1000 MCM URD cables
- Cable O.D.'s up to 2.25 in (57.15 mm)
- Blade adjustment feature offers precise positioning
- Designed specifically for removal of tough polyethylene encapsulated jackets
- Can also be used as an adjustable end stripper
- Two handles permit safe, easy operation
- Prevents damage to underlying concentric conductors
- Made in the U.S.A.
- Replacement blade: CB 155K (34733)
- Length: 14.5 in (368 mm)
- Weight: 2.1 lb (953 g)
- Part No.: 34720



WS 64 SERIES

Adjustable Cable Stripper

- **"Universal"** tool for end stripping or mid span stripping of outer jackets or insulating material
- End stripping and mid span stripping with different blades (interchangeable)
- "Dual position" jaw for cable sizes from 1/2" up to 2-1/2" (12.7 to 63.5 mm) cable O.D. is versatile for electric utility applications
- Removes outer jacket on primary power cable (all major insulation shields)
- When using mid span blade stripping version, caution must be used when end stripping concentric neutral cables
- Versatile design also includes ability to strip secondary and primary cable insulations
- Quickly and easily adjusts to cable size with spring loaded "trigger-action" jaw
- Micro adjustable blade allows accurate setup for a variety of insulation thicknesses
- Self feeding tool design allows easy and efficient operation with minimal effort
- Compact design for tighter work space requirements
- Rugged, all metal body design
- U.S. Patent No.: D437,765
- Made in the U.S.A.
- Length: 8 in (200 mm)
- Weight: 1.9 lb (860 g)



Available Purchase Configurations (blades are interchangeable):

Model	Function	Installed Blade	Part No.
WS 64-U-E	End Stripping Only • Outer jackets up to 2.5" OD (63.5 mm) • Insulation to 1.5" OD, up to 35 Kv - 345 mils (8.8 mm) maximum thickness	CB 50K	37296
WS 64-U-M	Mid Span • Outer jackets up to 2.5" OD (63.5 mm) • 175 mil (4.4 mm) maximum insulation / covering thickness (15 Kv)	CB 236	37297
WS 64-U-EM	End Strip and Mid Span Stripping	CB 50K Installed; CB 236 included	37295
WS 62-U-M260		CB260	37174

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

RCS-114, RCS-158

Round Cable Strippers



- Two tools designed for fast, safe, and precise jacket removal of PE, PVC, rubber, and other jackets
- Fiber Optic cables - excellent tool for precise jacket stripping of fiber optic multi-fiber cables
- RCS-114 for smaller diameter cables: 0.178 to 1.14 inches (4.5 - 29 mm)
- RCS-158 for larger diameter cables: 0.75 to 1.58 inches (19 - 40 mm)
- **"Tri-Action Strip"** capability
- Rotary cut to a longitudinal cut along the cable length for end stripping
- Spiral cut for end stripping
- Spiral cut for mid-span stripping
- Spiral cutting features provides easier removal of harder jackets
- Spring-loaded cable brace firmly secures cable to the blade for controlled cutting action
- Comfort and ergonomic design for ease of use and storage
- Long life blade design
- Blade depth can be regulated by simply turning the blade housing
- Blade housing is PTFE coated, for smooth, low effort stripping
- Replacement blade (RCS-114 and RCS-158): CB 231
- Length: RCS-114 - 5.43 inches (138 mm)
RCS-158 - 6.02 inches (153 mm)
- Weight: RCS-114 - 3.5 oz (100 g)
RCS-158 - 3.84 oz (110 g)
- RCS-114 Part No.: 37140
- RCS-158 Part No.: 37145

FOKC

Copper Shield Cutter



- Powerful quick cutting action
- Makes a great tin snip for cutting copper tape shield
- Full serrated edge for consistent, fast and clean cuts
- Lightweight and compact
- Return spring designed for precise repeated cuts
- Ergonomic handles with cushioned non-slip grips
- Made of high carbon steel specially treated for long life and trouble free cuts
- Length: 5.75 in (146 mm)
- Weight: 2.5 oz (72 g)
- Part No.: 36495

MK01A

Outer Jacket Cable Stripper

- Designed for precision stripping of variety of insulation types including rubber, PVC, nylon and cotton
- Also recommended for cutting copper screening of coaxial cables from 0.31 to 0.98 inches (8 to 25 mm) O.D.
- Adjustable blade depth up to 0.18 inches (4.5 mm) depth
- Stripping action is both circumferential, then longitudinal for removal of insulation section at the end or mid span of wires
- Blade depth setting can be locked to assure consistent repetitive operations
- Roller support of cable for smooth stripping action



Application	Wire Size, Inches O.D.	Wire Size, mm O.D.	Part No.
Wire Stripping	0.31" to 0.98"	8 mm to 25 mm	39380

- Replacement Blade - 39381
- Weight - 6.3 oz (180 g)
- Dimensions - 6.7 x 1.6 x 1.1 inches (170 x 40 x 27 mm)

MK04

Cable Jacket Stripper

- Cable stripper for outer jackets & insulation on large diameter cables
- Heavy duty construction for industrial environments
- "Tri-Action Strip" capability
 - Rotary cut to a longitudinal cut along the cable length for end stripping
 - Spiral cut for end stripping
 - Spiral cut for mid-span stripping
- Spiral cutting feature provides easier removal of soft jackets and on larger cables
- Adjustable blade up to 0.20 inches (5 mm) depth
- Blade depth setting can be locked to assure consistent repetitive operations
- Roller support of cable for smooth stripping action
- Wheel blade applications available – contact customer service for sizes and applications



Model	Cable Size Range Inches O.D.	Cable Size Range mm O.D.	Part No.
MK04	0.79" to 2.36"	20 to 60	39376

- Replacement Fixed Blade Assembly – 39379
- Replacement Fixed Blade Cartridges (FC2) - 39377 & (FC3) - 39378
- Weight: 1.5 lbs (680 g)
- Size: 3.7 x 1.7 (head) x 9.8 inches (95 x 42 x 250 mm)

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

AJS

Adjustable Jacket Slitter

- Professional-grade slitter designed for longitudinal, circumferential (ringing), and mid-span splitting of corrugated aluminum or copper shield cables, medium-density polyethylene (MDPE), and high-density polyethylene (HDPE) conduits
- Precision-ground tool steel blade
- Adjustable blade depth allows slitting of coverings of up to 1/4" (6.3mm) thick
- Blade fully retracts inside body for storage
- Cam-adjustable lever allows blade dig-in in mid-span application
- Lever teeth designed for soft and hard jacket/covering applications
- Longitudinal slitting of cable/duct ranging from 1/2" (12.7mm) to larger sizes
- Circumferential slitting of cable/duct ranging from 1-1/2" (12.7mm) to larger sizes
- Window cutout to access fibers inside duct ranging from 1-1/2" (38mm) to larger sizes
- Replacement blade: CB 276
- Part No.: 43265
- Dimensions: 8.7 x 2 x 1.5 in (221 x 52 x 39 mm)
- Weight: 11 oz (318g)
- Part No.: 43240



ECS

Easy Cable Slitter

- Rugged, safe, simple cutter for slitting soft cable jackets of any diameter up to 6.3 mm (.25") thick
- Dual-grip tool, capable of operating in either push or pull mode
- Body made of reinforced nylon with a steel core
- Replaceable precision-ground tool steel blade
- Spring-loaded blade guard for added safety
- Integral V-channel blade guide to assist in tracking
- Replacement blade, CB 276
- Part No.: 43269
- Dimensions: 5-1/8" L x 5-3/4 H x 1-3/8 W (130 mm x 146 mm x 35 mm)
- Weight: 8.2 oz (232.5 g)
- Part No.: 43270



WS 67 SERIES

Metallic Sheath Removal Tools

- For stripping Glued LC and CLX shielding from cables
- Shielding is removed in a helical cutting action
- Used with cutters to snip off excess shielding (Caution: very sharp, use appropriate protection) during removal process
- Made in the U.S.A.
- Replacement Blades:
CB 98 Part No.: 28201
CB 190 Part No.: 28208
- WS 67 Part No.: 28215-1
- WS 67A Part No.: 28215-2



Model	Cable O.D. Range		Replacement Blade	Length	Weight
	(inch)	(mm)			
WS 67	0.55 to 2.25	14.0 to 57.2	CB 98	10 in (254 mm)	2 lbs (908 g)
WS 67A	1.90 to 3.625	48.3 to 92.1	CB 190	16.2 in (411 mm)	2.74 lbs (1244 g)

WS 49 SERIES

Airport Lighting Cable End Stripper/Penciller

- For 0.5 in (12.70 mm) taper cuts of #8, 5KV L-824 Type C airport lighting cable
- **WS 49H available #4 and #6 airport lighting cable**
- End strip 0.75 in (19.05 mm); pencils 0.5 in (12.70 mm)
- Long lasting, guarded cutting blades
- Bushings (.395", .420", .445", .490") compensate for variation in cable diameter
- Made in the U.S.A.
- Replacement blades:
CB 6667, end strip (Part No.: 19207)
CB 94, pencil (Part No.: 27702)
CB 94H, pencil #4 and #6 airport lighting cable (Part No.: 27714)
- Length: 3.5 in (89 mm) Diameter: 1.5 in (38 mm)
- Weight: 10 oz (284 g)
- WS 49 Part No.: 27700
- WS 49H Part No.: 27712



SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

BANANA PEELER®

Adjustable Blade Semi-con Scoring Tool

- Scoring depth from 1 to 90 mils (.025 to 2.286 mm)
- For "strippable" semi-con URD cable shield
- One hand scoring of circumference and length
- Spring-loaded blade assembly assures consistent scoring depth
- Teflon coated cable guide
- Semi-con is cleanly removed with no damage to underlying insulation
- Metric versions available (see table below)
- Convertible to a fixed setting
- Made in the U.S.A.
- Replacement blade: 34230
- Length: 9.4 in (239 mm)
- Weight: 13 oz (369 g)



Removal of Soft Rubber Jackets

Model	Cable O.D. Range	Part No.
BP AR	.38 - .75 in (9.652 - 19.05mm)	37760
BP 1AR	.75 - 1.10 in (19.05 - 27.94mm)	36401
BP 2AR	1.25 - 1.95 in (31.75 - 49.53mm)	36402

Blade Depth Range is from 50 mils (.050") to 140 mils (.140")

Metric Banana Peelers

Model	Cable O.D. Range	Part No.
BP 1A-M	19.05 - 27.95 mm	42220
BP 1AH-M	27.95 - 33.00 mm	42335
BP2A-M	31.75 - 44.45 mm	42336

Blade Depth Range is from .0254 mm to 2.30 mm

Removal of Semi-Con

Model	Cable O.D. Range	Part No.
BP A	.38 - .75 in (9.652 - 19.05 mm)	35250
BP 1A	.75 - 1.10 in (19.05 - 27.94 mm)	34244
BP 1AH	1.10 - 1.30 in (27.94 - 33.02 mm)	34190
BP 2A	1.25 - 1.75 in (31.75 - 44.45 mm)	34245
BP 2AH	1.75 - 1.95 in (44.45 - 49.53 mm)	34615
BP 2AK	1.95 - 2.00 in (49.53 - 50.8 mm)	35330
BP 3A	2.00 - 2.63 in (50.8 - 66.8 mm)	38445

Blade Depth Range is from 1 mil (.001") to 90 mils (.090")

Other sizes available special order.

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALITY DIST.

TRANSMISSION

WS 15

Adjustable Semi-con Scoring Tool

- For "strippable" semi-con insulation shield for cable O.D.s up to 1.75 in (44.45 mm)
- Blade can be preset for any shield thickness
- Peelable in one continuous piece
- Scores in helical, spiral pattern approx. 1/2" (12.70 mm) wide
- Guarded cutting blade prevents injury
- Made in the U.S.A.
- Replacement blade: CB 16 (Part No.: 10817)
- Length: 4 in (101.6 mm)
- Weight: 9 oz (255 g)
- Part No.: 10800



Model	Cable O.D. Range		Score Depth	
	(inch)	(mm)	(mils)	(mm)
WS 15	.688 - 1.750	17.48 - 44.45	1 to 125	.025 - 3.175

WS 15-FA

Fine Adjustable Semi-con Scoring Tool

- For "strippable" semi-con insulation shield for cable O.D.s up to 1.75 in (44.45 mm)
- Blade depth can be easily set with a turn of dial
- Peelable in one continuous piece
- Scores in helical, spiral pattern approx. 1/2" (12.70 mm) wide
- Guarded cutting blade prevents injury
- Made in the U.S.A.
- Replacement blade: CB 16 (Part No.: 10817)
- Length: 4 in (101.6 mm)
- Weight: 12 oz (340 g)
- Part No.: 10860



Model	Cable O.D. Range		Score Depth	
	(inch)	(mm)	(mils)	(mm)
WS 15-FA	.688 - 1.750	17.48 - 44.45	0 to 90	0 - 2.3

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

WS 74

Semi-con Removal Tool

- Shaves 15-35 KV cable with semi-con diameters from 12mm to 50mm (0.47 - 1.97")
- Accurate semi-con removal within 24mm (.945") of the jacket
- Precision ground blade provides a 20° chamfer cut finish at the semi-con end
- Precision blade adjustment in 0.1mm increments
- Thumb switch to allow easy transition from spiral shave to square cut finish without requiring an additional stop device
- Complete in plastic foam box with spare blade
- Easy blade replacement without the need for additional tools
- Length – 136mm (5.34 inches)
- Weight – 544g (1.2 lbs)
- Part No. 43140
- CB 277 Replacement Blade WS 74 Part No.: 43157



WS 9A, WS 9C

Semi-con Shield Shaving Tools

- For 5 to 115 KV cables, .55 to 2.25 in (13.97 to 57.15 mm) cable O.D.
- Shaves "bonded" semi-con shield and insulation material
- Radius or Taper cut of semi-con shield
- Shaves in a helical, spiral pattern
- Aluminum Oxide Kit (TK 1) can be used for additional smoothing
- Made in the U.S.A.
- Length: 10 in (254 mm)
- Weight: 2 lb (908 g)
- WS 9A Part No.: 20700
- WS 9C Part No.: 28215



Ordering Information

1. Choose the style of semi-con cut
2. Select the appropriate tool

Model	Cable O.D. Range (inch)	Cable O.D. Range (mm)	Style of Cut	Replacement Blade
WS 9A	.55 - 2.25	13.97 - 57.15	Radius	CB 40X
WS 9C	.55 - 2.25	13.97 - 57.15	.25" (6.4 mm) Taper	CB 98

- CB 40X Replacement Blade Part No.: 21715
- CB 98 Replacement Blade Part No.: 28201

WS 5 SERIES

End Strippers

- For 600 volt to 35 KV cables
 - .260 to 1.265 in (6.60 to 32.13 mm) cable O.D.
 - Strips XLPE, polyethylene and EPR insulation*
 - Precision stripping of insulation only or insulation and semicon simultaneously
 - Ideal for primary URD cable
 - Guarded cutting blade prevents injury
 - WS 5 and WS 5DA permit accurate preset stripping lengths of up to 4 in (101.60 mm). Bar removable for infinite stripping
 - Accepts SW 2 ratchet wrench for leverage
 - Stop bar with drill adapter can be purchased separately or comes with WS 5DA. Metric stop bar is also available
 - Bushing insert fits over cable
 - Bushing insert presets cutting blade depth
 - Bushings can be changed easily and quickly
 - Made in the U.S.A.
 - Model WS 5B available to strip from 3/4" up to 5-3/4" lengths (Part No.: 37710)
 - Length: 6 in (152 mm) • Weight: 1 lb (454 g)
- * See instruction sheet for detailed information



WS 5



Stop bar with drill adapter

Ordering Information: Choose tool and bushing (below)

Model	Part No.	Insulation Materials	Insulation Thickness Max. (mils)	Replacement Blade	Rotating Stop Bar
WS 5	10327	XLPE or EPR	400	CB 7-2	10346
WS 5 DA	10336	XLPE or EPR	400	CB 7-2	10337

- CB 7-2 Replacement Blade Part No.: 10324

Adjustable End Strippers

- Upgraded model of the WS 5
- Same basic function as the WS 5 Model plus:
 - New adjustable strip stop with rotary mechanism eliminates the need for hex wrench
 - New adjustment window, with inch and metric readings allows easy setting of stop for precise strip lengths
 - Strip lengths from 0.625 in (15.9 mm) up to 2.5 in maximum (63.5 mm)
 - For 600 volt to 35 KV cables
 - 0.260 to 1.265 in (6.60 to 32.13 mm) Cable O.D.
 - Strips XLPE, polyethylene, and EPR* insulation up to 400 mils thick
- Precision stripping of insulation only or with semicon over insulation*
- Ideal for primary URD cable
- Guarded cutting blade prevents injury
- Accepts SW 2 ratchet wrench for leverage
- **WS 5A-DA comes with 3/8" drill adapter**
- *Drill adapter also available separately. Tools purchased prior to December 2005 require retrofit. Contact customer service or details* • Made in the U.S.A.
- Length: 8 in (203 mm) • Weight: 1.2 lb (544 g)
- Replacement Blade: CB 7-2 (Part No.: 10324)
- WS 5A Part No.: 37415 • WS 5A-DA Part No.: 38750



WS 5A-DA



WS 5A

* See instruction sheet for detailed information

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

WS 5 Series End Strippers



BUSHING SELECTION TABLE

These tables should only be used as a guide. Cable samples should be provided to Ripley to ensure proper sizing.

Cable O.D. to be stripped (inch)		Cable O.D. to be stripped (mm)		Bushing #	Bushing #
.260 - .285	6.60 - 7.24	.761 - .785	19.33 - 19.94	WS 5-.300	WS 5-.800
.286 - .310	7.26 - 7.87	.786 - .810	19.96 - 20.57	WS 5-.325	WS 5-.825
.311 - .335	7.90 - 8.51	.811 - .835	20.60 - 21.21	WS 5-.350	WS 5-.850
.336 - .360	8.53 - 9.14	.836 - .860	21.23 - 21.84	WS 5-.375	WS 5-.875
.361 - .385	9.17 - 9.78	.861 - .885	21.87 - 22.48	WS 5-.400	WS 5-.900
.386 - .410	9.80 - 10.41	.886 - .910	22.50 - 23.11	WS 5-.425	WS 5-.925
.411 - .435	10.44 - 11.05	.911 - .935	23.14 - 23.75	WS 5-.450	WS 5-.950
.436 - .460	11.07 - 11.68	.936 - .960	23.77 - 24.38	WS 5-.475	WS 5-.975
.461 - .485	11.71 - 12.32	.961 - .985	24.41 - 25.02	WS 5-.500	WS 5-1.000
.486 - .510	12.34 - 12.95	.986 - 1.010	25.04 - 25.65	WS 5-.525	WS 5-1.025
.511 - .535	12.98 - 13.59	1.011 - 1.035	25.67 - 26.29	WS 5-.550	WS 5-1.050
.536 - .560	13.61 - 14.22	1.036 - 1.060	26.31 - 26.92	WS 5-.575	WS 5-1.075
.561 - .585	14.25 - 14.86	1.061 - 1.085	26.95 - 27.56	WS 5-.600	WS 5-1.100
.586 - .610	14.88 - 15.49	1.086 - 1.110	27.58 - 28.19	WS 5-.625	WS 5-1.125
.611 - .635	15.52 - 16.13	1.111 - 1.135	28.22 - 28.83	WS 5-.650	WS 5-1.150
.636 - .660	16.15 - 16.76	1.136 - 1.160	28.85 - 29.46	WS 5-.675	WS 5-1.175
.661 - .685	16.79 - 17.40	1.161 - 1.185	29.49 - 30.10	WS 5-.700	WS 5-1.200
.686 - .710	17.42 - 18.03	1.186 - 1.210	30.12 - 30.73	WS 5-.725	WS 5-1.225
.711 - .735	18.06 - 18.67	1.211 - 1.235	30.76 - 31.37	WS 5-.750	WS 5-1.250
.736 - .760	18.69 - 19.30	1.236 - 1.260	31.39 - 32.00	WS 5-.775	WS 5-1.275
		1.261 - 1.285	32.03 - 32.64		WS 5-1.300

WS 6 SERIES

End Strippers

- For 15 to 46 KV cables
- .900 to 2.030 in (22.86 to 51.56mm) cable O.D.
- Strips XLPE, polyethylene and EPR insulation*
- Precision stripping with NO conductor damage
- Guarded cutting blade prevents injury
- Rotating stop bar permits accurate preset stripping lengths of up to 2-7/16 in (61.9 mm). Bar removable for infinite stripping
- WA 1 adapter permits use of SW 2 ratchet wrench
- WA 3 adapter allows strip lengths up to 5-1/2 in (139.7 mm) and the use of the SW 2 ratchet wrench
- Stop bars with drill adapter can be purchased separately or standard with WS 6DA, inch and metric versions available
- Bushing insert fits over cable
 - Bushing insert presets cutting blade depth
 - Bushings can be changed easily and quickly
- U.S. Patent No.: 3,361,015
Japan 1,131,678
Canada 827,962
- Made in the U.S.A.
- Length: 6.5 in (165 mm)
- Weight: 1.5 lb (680 g)



* See instruction sheet for detailed information



WA 1
wrench
adapter
(Part# 12920)



WA 3
wrench
adapter
(Part# 12930)

Ordering Information: Choose tool and bushing (below)

Model	Part No.	Strip Length		Replacement Blade	Rotating Stop Bar
		(inches)	(mm)		
WS 6	12900	1/2 - 2 7/16	12.70 - 61.90	CB 8-2	12928
WS 6 with WA 1	12917	1/2 - 2 7/16	12.70 - 61.90	CB 8-2	12928
WS 6 with WA 3	12918	1/2 - 5 1/2	12.70 - 139.70	CB 8-2	12931
WS 6DA	12950	1/2 - 2 7/16	12.70 - 61.90	CB 8-2	12953
WS 6DA with WA 1	12951	1/2 - 2 7/16	12.70 - 61.90	CB 8-2	12953
WS 6DA with WA 3	12952	1/2 - 5 1/2	12.70 - 139.70	CB 8-2	12954

- CB 8-2 Replacement Blade Part No.: 12903



SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

WS 6 Series End Strippers

BUSHING SELECTION TABLE

These tables should only be used as a guide. Cable samples should be provided to Ripley to ensure proper sizing.

Cable O.D. to be stripped (inch)		Cable O.D. to be stripped (mm)		Bushing #	Bushing #
0.961 - 0.985	24.41 - 25.02	1.436 - 1.460	36.47 - 37.08		
1.986 - 1.010	25.04 - 25.65	1.461 - 1.485	37.11 - 37.72	WS 6-1.025	WS 6-1.500
1.011 - 1.035	25.68 - 26.29	1.486 - 1.510	37.74 - 38.35	WS 6-1.050	WS 6-1.525
1.036 - 1.060	26.31 - 26.92	1.511 - 1.535	38.38 - 38.99	WS 6-1.075	WS 6-1.550
1.061 - 1.085	26.95 - 27.56	1.536 - 1.560	39.01 - 39.62	WS 6-1.100	WS 6-1.575
1.086 - 1.110	27.58 - 28.19	1.561 - 1.585	39.65 - 40.26	WS 6-1.125	WS 6-1.600
1.111 - 1.135	28.22 - 28.83	1.586 - 1.610	40.28 - 40.89	WS 6-1.150	WS 6-1.625
1.136 - 1.160	28.85 - 29.46	1.611 - 1.635	40.92 - 41.53	WS 6-1.175	WS 6-1.650
1.161 - 1.185	29.49 - 30.10	1.636 - 1.660	41.55 - 42.16	WS 6-1.200	WS 6-1.675
1.186 - 1.210	30.12 - 30.73	1.661 - 1.685	42.19 - 42.80	WS 6-1.225	WS 6-1.700
1.211 - 1.235	30.76 - 31.37	1.686 - 1.710	42.82 - 43.43	WS 6-1.250	WS 6-1.725
1.236 - 1.260	31.39 - 32.00	1.711 - 1.735	43.46 - 44.07	WS 6-1.275	WS 6-1.750
1.261 - 1.285	32.03 - 32.64	1.736 - 1.760	44.09 - 44.70	WS 6-1.300	WS 6-1.775
1.286 - 1.310	32.66 - 33.27	1.761 - 1.785	44.73 - 45.34	WS 6-1.325	WS 6-1.800
1.311 - 1.335	33.30 - 33.91	1.786 - 1.810	45.36 - 45.97	WS 6-1.350	WS 6-1.825
1.336 - 1.360	33.93 - 35.54	1.811 - 1.835	46.00 - 46.61	WS 6-1.375	WS 6-1.850
1.361 - 1.385	34.57 - 35.18	1.836 - 1.860	46.63 - 47.24	WS 6-1.400	WS 6-1.875
1.386 - 1.410	35.20 - 35.81	1.861 - 1.885	47.27 - 47.88	WS 6-1.425	WS 6-1.900
1.411 - 1.435	35.84 - 36.45			WS 6-1.450	

IC SERIES

URD Insulation Chamfer Tools

- For .650 to 1.875 in (16.51 to 47.63 mm) cable O.D.
- Chamfers 15 to 35 KV cable
- Creates a 45° bevel, approximately .125 in (3.17 mm) long
- For XLPE insulations
- Perfect for premolded splices, elbows and terminators
- Complete operation takes 10 seconds or less
- Adjusts easily to fit different cable insulations
- Blades are recessed to prevent injury and blade damage
- Made in the U.S.A.
- Replacement blade: CB 163 (Part No.: 34766)



Model	Cable O.D. Range (over insulation)		Tool Diameter		Weight		Part No.
	(inch)	(mm)	(inch)	(mm)	(oz)	(g)	
IC 1	.650 - 1.260	16.51 - 32.00	3-1/2	88.9	10	284	34760
IC 2	1.250 - 1.875	31.75 - 47.63	4-3/16	106.4	12.5	355	34825

SCC SERIES

Adjustable Semi-con Chamfer Tools

- For .760 to 2.00 in (19.30 to 50.80 mm) cable O.D.
- For chamfering semi-con
- Adjusts easily to fit cable



SCC 1



SCC 2

- Chamfers semi-con from 25 to 80 mils (.635 to 2.032 mm) in thickness
- Blades are recessed to prevent blade damage and injury
- Made in the U.S.A.
- Replacement blade: CB 140 (Part No.: 28230)

Model	Cable O.D. Range		Tool Diameter		Weight		Part No.
	(inch)	(mm)	(inch)	(mm)	(oz)	(g)	
SCC 1	.760 - 1.390	19.30 - 35.31	3	76.20	4	113	28224-1
SCC 2	1.400 - 2.000	35.56 - 50.80	3-1/2	88.90	5.5	156	28224-2

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

WS 40

Motorized Semi-con URD Shield Removal



- For removal of “bonded” semi-con shield on 5 to 34.5 KV cables
- .625 to 1.875 in (15.88 to 47.63 mm) cable O.D.
- For shaving semi-con shields off XLPE, polyethylene and EPR
- Master shaving bushings and adapter sleeves are sold separately
- Available in 115 VAC
- Made in the U.S.A.
- Length: with master bushing – 12 in (305 mm)
- Weight: WS 40 – 13 lb (5.90 Kg); Master shaving bushing – 1 lb (454 g); Adapter sleeve – 4 oz (113.5 g)
- WS 40 115 VAC Part No.: 17900

Ordering Information

1. Select the master shaving bushing below
2. Select the adapter sleeves
3. **Cable sample is preferred**

Master Shaving Bushing	O.D. Over Semi-Con		Replacement Blade
	(inch)	(mm)	
MSBA	.600 - .885	15.24 - 22.48	CB 43 (Part No.: 17918)
MSBB	.840 - 1.140	21.34 - 28.96	CB 43 (Part No.: 17918)
MSBC	1.095 - 1.380	27.81 - 35.05	CB 43 (Part No.: 17918)
MSBD	1.335 - 1.485	33.91 - 37.72	CB 43 (Part No.: 17918)
MSBD-1	1.495 - 1.635	37.97 - 41.53	CB 43-1 (Part No.: 17951)
MSBE	1.560 - 1.650	39.62 - 41.91	CB 43-1 (Part No.: 17951)
MSBE-1	1.660 - 1.905	42.16 - 48.39	CB 43-2 (Part No.: 17952)



ADAPTER SLEEVES:

Select an adapter sleeve having the size nearest the OD of your cable semi-con. Then select a sleeve one size larger and a sleeve one size smaller. Usually three sleeves will handle cable variation.

WS 40

Motorized Semi-con URD Shield Removal

ELECTRIC UTILITY DISTRIBUTION / TRANSMISSION

MSBA		MSBB		MSBC		MSBD		MSBE	
Adapter Sleeve Part # 17938-(inch)		Adapter Sleeve Part # 17939-(inch)		Adapter Sleeve Part # 17940-(inch)		Adapter Sleeve Part # 17941-(inch)		Adapter Sleeve Part # 17942-(inch)	
(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)
.610	15.49	.850	21.59	1.105	28.07	1.345	34.16	1.570	39.88
.625	15.88	.865	21.97	1.120	28.45	1.360	34.54	1.585	40.26
.640	16.26	.880	22.35	1.135	28.83	1.375	34.93	1.600	40.64
.655	16.64	.895	22.73	1.150	29.21	1.390	35.31	1.615	41.02
.670	17.02	.910	23.11	1.165	29.59	1.405	35.69	1.630	41.40
.685	17.40	.925	23.50	1.180	29.97	1.420	36.07	1.645	41.78
.700	17.78	.940	23.88	1.195	30.35	1.435	36.45	1.660	42.16
.715	18.16	.955	24.26	1.210	30.73	1.450	36.83	1.675	42.55
.730	18.54	.970	24.64	1.225	31.12	1.465	37.21	1.690	42.93
.745	18.92	.985	25.02	1.240	31.50	1.480	37.59	1.705	43.31
.760	19.30	1.000	25.40	1.255	31.88	1.495	37.97	1.720	43.69
.775	19.69	1.015	25.78	1.270	32.26	1.510	38.35	1.735	44.07
.790	20.07	1.030	26.16	1.285	32.64	1.525	38.74	1.750	44.45
.805	20.45	1.045	26.54	1.300	33.02	1.540	39.12	1.765	44.83
.820	20.83	1.060	26.92	1.315	33.40	1.555	39.50	1.780	45.21
.835	21.21	1.075	27.31	1.330	33.78	1.570	39.88	1.795	45.59
.850	21.59	1.090	27.69	1.345	34.16	1.585	40.26	1.810	45.97
.865	21.97	1.105	28.07	1.360	34.54	1.600	40.64	1.825	46.36
.880	22.35	1.120	28.45	1.375	34.93	1.615	41.02	1.840	46.74
.895	22.73	1.135	28.83	1.390	35.31	1.630	41.40	1.855	47.12
		1.150	29.21			1.645	41.78	1.870	47.50
								1.885	47.88
								1.900	48.26
								1.915	48.64

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

URD PENCILLING TOOLS

- For 5 to 35 KV URD cables
- #8 to 1000MCM (10 mm² to 500 mm²) Cable O.D.
- **One tool for each cable/conductor size**
- For XLPE, polyethylene and some EPR insulations
- Fast, smooth tapers, no conductor damage
- Safety assured with guarded cutting blade
- Accepts SW 2 wrench for additional turning leverage
- Made in the U.S.A.
- Length: 5 in (127 mm)
- Weight: 1 lb (454 g)

**WS 7A &
WS 8A**

WS 7

WS 8

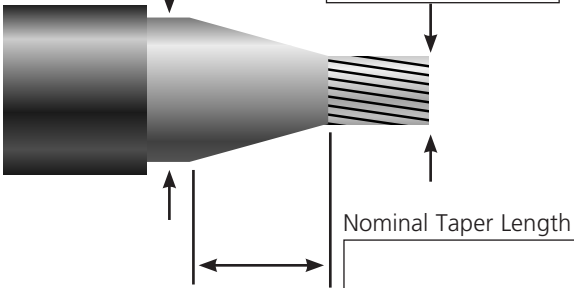


Ordering Information

1. Cable sample preferred
OR
2. Fill in Blanks in sketch and Fax them to us at 860-635-3631
(Be sure to include your name, phone and fax)

Insulation Diameter

Conductor Size & Type



Model	Base Part Number	Max. Cable Size	Standard Nominal Taper Length		Replacement Blade
			(inch)	(mm)	
WS 7A/8A	16610	8 to 1000MCM	1.5	38.1	CB 5B (Part No.: 10919)
WS 7/8	10900	8 to 350MCM	2.5	63.5	CB 5 (Part No.: 10921)

STT

Secondary Torque Tool

- Designed with factory preset torque values to ensure accuracy
- Tool available with single or dual torque settings
- Standard unit STT2030 (Part No.: 38250) has two torque settings covering 90% of secondary connectors: Maximum 30ft. lbs. and minimum 20ft. lbs.
- Comes with three 5/16" hex wrenches of different lengths
- Ratchet head helps tighten connectors in tight locations
- Simply reverse the wrench to loosen connectors
- Available in Insulated Head Only or Fully Insulated Tool
- Available with single torque setting on request
- Other torque settings available upon request
- Made in the U.S.A.
- Length: 9.75 in (248 mm) • Weight: 2 lb 3 oz (1 Kg)



PIT 1T

Load Break Elbow Probe Insertion Tool with 125 in-lb torque delivery system

- For 15 to 34.5 KV elbow - small interface
- For quick and easy insertion of the probe inside the elbow
- Prevents load break probe contamination
- Prevents load break probe breakage
- Reduces cross threading
- Provides the proper tightening forces as recommended by the elbow manufacturers
- Multiple drive system:
 - Delivers 125 in-lb torque
 - Adjustable (Full "T" Handle or Moment arm for tight locations) and removable "T" handle
 - 1" (25.4 mm) steel drive and adjustable wrench
 - 3/8" (10 mm) square drive socket
 - Standard 'Penta' Head
- Load Break Probe quickly removed by simply reversing the tightening action
- Available for all load break elbows
- Made in the U.S.A.
- Length: 9.375 in (238.13 mm) • Weight: 1 lb 4 oz (568 g)
- Part No.: 35150 • U.S. Patent No.: 5,605,082



PIT 2

Load Break Elbow Probe Insertion Tool

- For 34.5 Kv Cooper Power Systems Load Break Elbow
 - 1" (25 mm) hex on end of tool
 - Prevents probe arc follower contamination
 - Prevents probe arc follower breakage
 - Provides a tight connection and reduces cross threading
 - Made in the U.S.A.
 - Length: 10 in (254 mm)
 - Weight: 1 lb (454 g)
 - Part No.: 27620



SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

LBIT-1T

Load Break Bushing Insertion Tool

- For 200 amp Bushing Inserts with internal hexagon socket drive
- **LBIT-IT** (Part No.: 35900) preset torque setting of 180 in-lb
 - LBIT-IT-125 (Part No.: 35907) preset torque setting of 125 in-lb optional
- **LBIT-ITR** (Part No.: 36770) available with hotstick ring
- Secures Bushing Insert for positive installation and removal
- Multiple Drive systems:
 - Adjustable "T" Handle
 - 1" (25.4 mm) square socket drive
 - 7/8" (22.2 mm) hexagon for wrench
 - Standard 'Penta' Head
- Made in the U.S.A.
- Length: 14-1/4" (36.2 cm)
- Weight: 21 oz (596 g)



MBTT-150

Meter Base Torquing Tool

- Allows proper installation of Landis & Gyr "K" Base 3 Phase or similar meters without shorting, sparking or flashover
- Tool is insulated and isolated from meter base with composite shaft which is rated to 1000V
- Prevents over and under tightening with 150 in-lb preset torque setting accurate to ± 15 in-lb
- 1/2" (12.7 mm) square socket drive accepts magnetic installation socket
- Adjustable "T" handle
- **WARNING: Do not use this tool for removal of un-torqued terminals or serious shaft damage may occur.**
- 3/8" (9.5 mm) square socket torque test point
- Made in the U.S.A.
- Length: 13-3/4" (349.25 mm)
- Weight: 19 oz (539.13 g)
- Part No.: 36390



TRW5060/TSA

Torque Wrench

- For 600 ampseparable Connector System with rubber molded components
- Wrench is supplied with a Dual hex shaft 5/16", 3/8" (each component can be purchased separately)
- Provides quick easy installation of:
 - Rubber Connecting Plug
 - Rubber Loadbreak reducing tap plug
 - With the use of a 1" socket for Insulating Plugs
- Prevents over-tightening, which could lead to premature failures
- Prevents under-tightening, eliminating loose connections
- Supplies the proper torque (50-60 ft-lb) as recommended by the manufacturer
- Has a 1/2" Square Drive
- Other torque settings available upon request
- Made in the U.S.A.
- Tool Length: 14" (355.6 mm)
- Tool Weight: 2 lb 10 oz (1.2 Kg)
- Probe Length: 11.5" (292.1 mm)
- Probe Weight: 8.5 oz (236 g)
- Part Nos.: TRW5060/TSA – 38375
 - TRW5060 (torque wrench only) – 38255
 - TSA (torque shaft assembly) – 38290
 - TSA Cooper (Torque Shaft Assembly for Cooper Power Systems Only) – Part No.: 42850



TSW-4550

Torque Spanner Wrench

- For 600 amp Separable Connector Systems
- Provides quick, easy installation of epoxy:
 - Connector Plugs
 - Reducing Tap Plugs
 - Reducing Tap Wells
- Prevents over-tightening which could lead to premature failures
- Prevents over-tightening leading to loose connections
- Eliminates the need for an external torque wrench
- Eliminates the need for wrench length calculations
- Long spanner prong prevents wrench slippage
- Supplies the proper torque (50 - 60 ft-lb) as recommended by the manufacturers
- Length: 14-3/8" (36.5 cm)
- Weight: 2 lb 3 oz (1 Kg)
- Made in the U.S.A.
- Part No.: 35925



SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALITY DIST.

TRANSMISSION

LPW-1

Lineman's Pole Wrench



- The LPW-1 is a drill operated tool for tightening utility line pole cross-arm and spacer bolts
- Its unique design accommodates 1 to 1-1/16" (17.5 mm) nuts and is drill operated to speed the job of tightening bolts
- Long body design allows approximately 5" (127 mm) of bolt feed-thru while still tightening the nut end
- 7/16" (11 mm) arbor size
- Saves valuable time and reduces line crew stress and fatigue
- Rugged, black oxide steel design for long life
- Length: 8 in (203 mm)
- Weight: 1 lb 8 oz (680 g)
- Part No.: 37925
- Made in the U.S.A.

QC-1

Quick Clamp



- "Quick action" cable clamp for use as a **stop** for jacket stripping operations
- Spring loaded jaws allow fast tightening onto cables, saving valuable time
- Suitable for cable sizes from 0.50" (12.7 mm) up to 2.5" (63.5 mm) O.D.
- Rugged, bronze casting design for years of use
- Made in the U.S.A.
- Length: 7" (178 mm) • Weight: 3 lb 4 oz (875 g)
- Part No.: 37470

CABLE CUTTERS

Ratchet Cable Cutter

- Designed to cut up to 1.75 in (44.45 mm) diameter cable
- Cuts copper, aluminum, solid and stranded conductors along with multiple conductors
- **Not for steel or ACSR cable**
- Quick-release thumb lever allows operator to halt cutting operation and remove tool if necessary
- Compact design allows one-hand operation and cutting in confined spaces
- Locking mechanism locks the handles in a closed position for easy storage
- Length: 9.37 in (238 mm)
- Weight: 2.65 lb (1.20 Kg)
- **Model RCC-INS 1000 Volt insulated version available**
- Part No.: 34924
- Weight: 2.5 lb (1.13 Kg)
- RCC Replacement Blade Part No.: 34923
- **RCC** Part No.: 34925



RCC-INS



RCC

Ratchet ACSR Cable Cutter

- Tool cuts aluminum and copper ACSR type cable up to 750 MCM
- Extra heavy duty C-type jaws give long service life
- Ratchet mechanism with thumb slide release allows rapid cutting and closing
- Good for working in confined spaces
- Reinforced fiberglass handles are protected by vinyl sleeves
- **Not for use on live cables**
- Length: 19 in (483 mm)
- Weight: 4.25 lbs (1.93 kg)
- Part No.: 38000



RACSR

Cable Cutter

- Tool cuts up to 1000 MCM copper and aluminum cable
- Extra heavy duty C-type jaws give long service life
- Ratchet mechanism with thumb slide release allows rapid cutting and closing
- Good for working in confined spaces
- Reinforced fiberglass handles are protected by vinyl sleeves
- **Not for use on live cables**
- Length: 19.5 in (495 mm)
- Weight: 4.5 lbs (2.04 kg)
- Part No.: 42305



RCC 1000

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

UCC

Utility Cutter

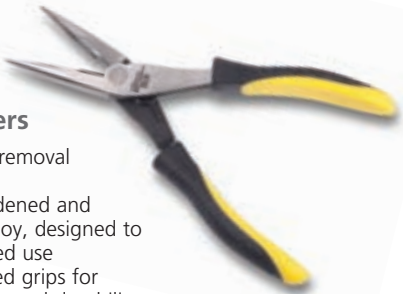
- Specialty cutter for a range of wire sizes in electrical and telecommunications applications. Suitable for:
 - 4/0 aluminum conductor (107.2mm²)
 - 2/0 copper conductor (67.4mm²)
 - Up to 100 pair telephone
- High leverage cutting action
- Tool steel design with specially honed cutting blade
 - Size of cut diameter 2.5-3 mm
 - Length: 10" (25.4 mm)
 - Weight: 1.11 lb (503 g),
1.21 lb incl. packaging
 - Part No.: 37680



RLN

Long Nose Pliers

- Designed for the removal of semi-con
- Drop-forged, hardened and tempered steel alloy, designed to stand up to rugged use
- Soft ribbed molded grips for maximum comfort and durability
- Unique torsion spring for one handed operation (spring can be easily removed if preferred)
- Tool halves are perfectly matched and hot riveted providing smooth handle operation
- Ideal for cutting and working with small soft-core wire gauges in small confined areas
- Length: 8.5 in (216 mm)
- Weight: 8oz (227 g)
- Part No.: 35489



WS 9D, WS 9E

Transmission Semi-con Shaving Tools

- For shaving bonded semi-con from transmission voltage cables
- Radius or taper cut of semi-con shield
- Shaves in a helical, spiral pattern
- Aluminum Oxide Kit (TK 1) can be used for additional smoothing
- Made in the U.S.A.
- Length: 16.2 in (411 mm)
- Weight: 2.74 lb (1244 g)
- WS 9D Part No.: 38035
- WS 9E Part No.: 28215-3



WS 9D

Model	Cable O.D. Range (inch)	Range (mm)	Style of Cut	Replacement Blade
WS9D	1.90 to 3.625	48.3 to 92.1	Radius Cut	CB 40X (Part No.: 21715)
WS9E	1.90 to 3.625	48.3 to 92.1	Taper Cut	CB 98 (Part No.: 28201)

WS 9S SERIES

Semi-con Shaving Tools

- For shaving bonded semi-con cables
- Radius or taper cut of semi-con shield
- Shaves in a helical, spiral pattern
- Aluminum Oxide Kit (TK 1) can be used for additional smoothing
- Made in the U.S.A.
- Length: 8 in (200 mm)
- Weight: 1.9 lb (860 g)
- WS 9S Part No.: 38430
- WS 9S-T Part No.: 38435



WS 9S

Model	Cable O.D. Range (inch)	Range (mm)	Style of Cut	Replacement Blade
WS9S	0.50 to 2.50	12.7 to 63.5	Radius Cut	CB 40X (Part No.: 21715)
WS9S-T	1.80 to 2.50	45.7 to 63.5	Taper Cut	CB 98 (Part No.: 28201)

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

WS 57 SERIES

Adjustable End Stripper/Jacket Stripper

- For 45 to 115 KV cables
- 2.0 to 4.25 in (50.80 to 108.00 mm) cable O.D.
- Quick-slide adjustment for cable sizing
- Easy setting of blade cutting depth
- For XLPE, polyethylene and EPR insulations
- Blade angle adjusts easily to control width of end strip cut
- Made in the U.S.A.
- Replacement blade: CB 144 (Part No.: 34327)
- Length: 24 in (610 mm)
- Weight: 7 lb (3.18 Kg)
- Part No.: 34320

WS 57

Adjustable End Stripper/ Jacket Stripper and Semi-con Shaver

- Same features as WS 57 plus
- Adjustable semi-con shaving blade system
- Made in the U.S.A.
- Replacement blades:
 - CB 40X shaving blade (Part No.: 21715)
 - CB 144 end stripping blade (Part No.: 34327)
- Length: 24 in (610 mm)
- Weight: 7 lb (3.18 Kg)
- Part No.: 34735

WS 57A

WS 51

Transmission Cable Semi-con Shield Removal

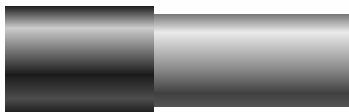


- For solid dielectric transmission cables
- 1.5 to 4 in (38.1 to 101.6 mm) semi-con diameter
- Cable specific shield removal
- Uses master shaving bushing which holds cutting blade and adapter sleeve for one cable size
- Easily used by one person
- Cables should be end-stripped to bare the conductor prior to removal of insulation shield (use WS 50, WS 57 or WS 13B)
- Master shaving bushings, adapter sleeves and check rings sold separately
- 115 VAC or 230 VAC operation
- Made in the U.S.A.
- Length: 27 in (686 mm)
- Height: 10 in (254 mm)
- Weight: Complete 25 lb (11.35 Kg);
Shaving bushing 2 lb (907 g); Adapter sleeve 1 lb (454 g)
- WS 51 115 VAC Part No.: 21700
- WS 51 230 VAC Part No.: 21795

Ordering Information

1. Cable sample required

Master Shaving Bushing	O.D. Over Semi-Con		Replacement Blade
	(inch)	(mm)	
MSBK (Part# 21735)	1.515 - 2.065	38.48 - 52.45	CB 40X (Part# 21715)
MSBJ (Part# 21734)	2.040 - 2.565	51.82 - 65.15	CB 40X (Part# 21735)
MSBI (Part# 21733)	2.565 - 3.065	65.15 - 77.85	CB 40X-1 (Part# 21762)
MSBG (Part# 21736)	3.050 - 3.290	77.22 - 83.57	CB 40X-1 (Part# 21762)
MSBG (Part# 21736)	3.300 - 3.540	83.82 - 89.92	CB 40X-2 (Part# 21763)
MSBG (Part# 21736)	3.550 - 3.765	90.17 - 95.63	CB 40X-3 (Part# 21764)
MSBH (Part# 21732)	3.765 - 3.890	95.63 - 98.81	CB 40X-3 (Part# 21764)
MSBH (Part# 21732)	3.900 - 4.015	99.06 - 101.98	CB 40X-4 (Part# 21765)



WS 51

Transmission Cable Semi-con Shield Removal

MSBK		MSBJ		MSBI		MSBG		MSBB	
Adapter Sleeve # 21740 - (inch) Check Ring # 20570 - (inch)	(mm)	Adapter Sleeve # 21739 - (inch) Check Ring # 20570 - (inch)	(mm)	Adapter Sleeve # 21737 - (inch) Check Ring # 20570 - (inch)	(mm)	Adapter Sleeve # 21741 - (inch) Check Ring # 20570 - (inch)	(mm)	Adapter Sleeve # 21738 - (inch) Check Ring # 20570 - (inch)	(mm)
1.525	38.74	2.050	52.07	2.575	65.41	3.050	77.47	3.775	95.89
1.550	39.37	2.075	52.71	2.600	66.04	3.075	78.11	3.800	96.52
1.575	40.01	2.100	53.34	2.625	66.68	3.100	78.74	3.850	97.16
1.600	40.64	2.125	53.98	2.650	67.31	3.125	79.38	3.850	97.79
1.625	41.28	2.150	54.61	2.675	67.95	3.150	80.01	3.875	98.43
1.650	41.91	2.175	55.25	2.700	68.58	3.175	80.65	3.900	99.06
1.675	42.55	2.200	55.88	2.725	69.22	3.200	81.28	3.925	99.70
1.700	43.18	2.225	56.52	2.750	69.85	3.225	81.92	3.950	100.33
1.725	43.82	2.250	57.15	2.775	70.49	3.250	82.55	3.975	100.97
1.750	44.45	2.275	57.97	2.800	71.12	3.275	83.19	4.000	101.60
1.775	45.09	2.300	58.42	2.825	71.76	3.300	83.82	4.025	102.24
1.800	45.72	2.325	59.06	2.850	72.39	3.325	84.46		
1.825	46.36	2.350	59.69	2.875	73.03	3.350	85.09		
1.850	46.99	2.375	60.33	2.900	73.66	3.375	85.73		
1.875	47.63	2.400	60.96	2.925	74.30	3.400	86.36		
1.900	48.26	2.425	61.60	2.950	74.93	3.425	87.00		
1.925	48.90	2.450	62.23	2.975	75.57	3.450	87.63		
1.950	49.53	2.475	62.87	3.000	76.20	3.475	88.27		
1.975	50.17	2.500	63.50	3.025	76.84	3.500	88.90		
2.000	50.80	2.525	64.14	3.050	77.47	3.525	89.54		
2.025	51.44	2.550	64.77	3.075	78.11	3.550	90.17		
2.050	52.07	2.575	65.41			3.575	90.81		
2.075	52.71					3.600	91.44		
						3.625	92.08		
						3.650	92.71		
						3.675	93.35		
						3.700	93.98		
						3.725	94.62		
						3.750	95.25		
						3.775	95.89		



WS 51A

Adjustable Transmission Cable Semi-con Shield Removal



- For solid dielectric transmission cables
- Primarily for cable manufacturers' in-factory use, where different size cables are being used frequently
- Continuously adjustable "chuck-like" clamp locks over the cable with two sets of removable jaws
 - Jaw set A – 1.815 to 3.065 in (46.10 to 77.85 mm) cable O.D.
 - Jaw set B – 2.875 to 4.125 in (73.03 to 104.78 mm) cable O.D.
- Jaws are interchangeable
- Removes semi-con insulation at a rate of 25 inches (635 mm) per minute
- Perfect for preparing long lengths for in-factory cable testing
- 115VAC or 230VAC operation
- Made in the U.S.A.
- Replacement blade: CB 40X-5 (Part No.: 22102)
- Length: 27 in (686 mm)
- Height: 10 in (254 mm)
- Weight: 37 lbs (16.8 Kg)
- WS 51A 115 VAC Part No.: 22100
- WS 51A 230 VAC Part No.: 22140



WS 70

Adjustable Cable Stripper

- End strips outer jacket or insulating material on 46 to 69KV cable
 - 1.9 in (48 mm) to 3.65 in (93 mm) OD cable range
 - Fine adjustment feature for blade
 - Tool is self-feeding during stripping operation
 - Dual handle design gives greater leverage
 - Replacement Blade CB265 (Part No.: 42042)
 - Made in the U.S.A.
 - Length: 17.5 in (444 mm)
 - Weight: 3.3 lbs (1.5 kg)
 - Part No.: 42040



SECONDARY DIST.

PRIMARY DIST. (OH)

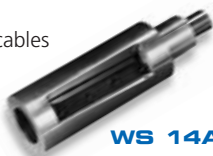
PRIMARY DIST. (URD)

SPECIALTY DIST.

TRANSMISSION

HIGH VOLTAGE PENCILLING TOOLS

- For transmission and distribution cables
 - WS 16 for 35 to 69 KV cables, 1/0 to 1000MCM
 - WS 17 for 35 to 46 KV cables, 1/0 to 750MCM
 - WS 14A for 69 to 238 KV cables, cable sizes to 2000MCM plus
- Complete pencilling operation takes less than five minutes
- Can expose conductor strand shielding if required
- One tool for each cable/conductor size
- Fast, smooth tapers
- Safety assured with guarded cutting blade
- Made in the U.S.A.
- Insulation on cable end must be stripped prior to pencilling. Use Model WS 50, WS 57, WS 57A or WS 13B end strippers. Semi-con shield should also be removed prior to pencilling with WS 9A/9C, WS 40, WS 51, WS 51A or WS 57A



WS 14A



WS 17



WS 16



Model	Operation	Replacement Blade	Taper Length (inch)	Taper Length (mm)	Tool Length (inch)	Tool Length (mm)	Approx. Weight (lb) (Kg)	
WS 16 Part# 20432	Plastic Handles	CB 5B Part# 10918	2	50.80	8	203.20	6	2.70
WS 16 Part# 20433	Plastic Handles	CB 5B-4 Part# 13402	2 - 4	50.80 - 101.60	8	203.20	6	2.70
WS 17 Part# 13400	wrench SW 2	CB 5B-4 Part# 13402	4	101.60	8	203.20	3	1.35
WS 14A Part# 10840	wrench SW 4	CB 15A - 4 Part# 11824	4	101.60	13 to 20 depending on taper length	330.20 to 508.00	15 average	6.80
WS 14A Part# 10841	wrench SW 4	CB 15A - 6 Part# 11822	4 - 6	101.60 - 152.40				
WS 14A Part# 10842	wrench SW 4	CB 15A - 8 Part# 11823	6 - 8	152.40 - 203.20				
WS 14A Part# 10843	wrench SW 4	CB 15A - 10 Part# 11815	8 - 10	203.20 - 254.00				
WS 14A Part# 10844	wrench SW 4	CB 15A - 12 Part# 11816	10 - 12	254.00 - 304.80				
WS 14A Part# 10845	wrench SW 4	CB 15A - 14 Part# 11817	12 - 14	304.80 - 355.60				

Ordering Information

- Cable sample and termination specification sheet required
- Longer tapers are available on request

Accessories



WA 1
Wrench Adapter
(Part No.: 12920)



URD Bag
(Part No.: 36312)



WA 3
Wrench Adapter
(Part No.: 12930)



AR 9
Allen Wrench Set
(Part No.: 11000)



SW 2
Ratchet Wrench
(use with WS 5, WS 6)
(Part No.: 10500)



HS 1
Honing Stone Set
(Part No.: 15460)



Super Stripper Tool Case
13" x 10" x 4.5"
(330 x 254 x 114 mm)
(Part No.: 34687)



TC 104
Blue Metal Tool Chest
29.5" x 11.5" x 14"
(749 x 292 x 356 mm)
(Part No.: 21777)

SECONDARY DIST.

PRIMARY DIST. (OH)

PRIMARY DIST. (URD)

SPECIALITY DIST.

TRANSMISSION

Standard NEC and AEIC Cable Dimensions

Concentric Stranding

Conductor Sizes Copper/Aluminum	175 mils – 15KV			220 mils – 15KV			260 mils – 25KV			345 mils – 35KV		
	Size	Nominal O.D. (inches)	Over Insulation (±50 mils)	Over Shielding (±50 mils)	Over Insulation (±50 mils)	Over Shielding (±50 mils)	Over Insulation (±50 mils)	Over Shielding (±50 mils)	Over Insulation (±50 mils)	Over Insulation (±50 mils)	Over Insulation (±50 mils)	Over Insulation (±50 mils)
(solid)2	0.258		670	770	760	860	-	-	-	-	-	-
2	0.292		700	800	790	890	-	-	-	-	-	-
(solid)1	0.289		700	800	790	890	870	970	-	-	-	-
1	0.332		740	840	830	930	910	1010	-	-	-	-
(solid)1/0	0.325		735	835	825	925	905	1005	1075	1195	-	-
1/0	0.373		785	885	875	975	955	1055	1125	1245	-	-
2/0	0.418		830	930	920	1020	1000	1100	1170	1290	-	-
3/0	0.470		880	980	970	1070	1050	1170	1220	1340	-	-
4/0	0.528		940	1040	1030	1130	1110	1230	1280	1400	-	-
250	0.575		995	1095	1085	1205	1175	1295	1350	1470	-	-
350	0.681		1100	1220	1190	1310	1280	1400	1455	1575	-	-
500	0.813		1235	1355	1325	1445	1415	1535	1590	1750	-	-
600	0.893		1325	1445	1415	1535	1505	1625	1680	1840	-	-
700	0.964		1395	1515	1485	1605	1575	1735	1750	1910	-	-
750	0.998		1430	1550	1520	1640	1610	1770	1785	1945	-	-
800	1.031		1460	1580	1550	1710	1640	1800	1815	1975	-	-
900	1.094		1525	1645	1615	1775	1705	1865	1880	2040	-	-
1000	1.152		1580	1740	1670	1830	1760	1920	1935	2095	-	-

600 Volt Secondary Cables

Conductor Size Awg or MCM	THHN/ THWN Insulation (mils)		THHN/ THWN NEC-OD (inch)		Compact AL THHN/THWN NEC-OD (mils)		XHHW Insulation (mils)		XHHW NEC-OD (inch)		Compact AL XHHW NEC-OD (inch)		RHW-USE RHH, THW Insulation (mils)		RHW-USE RHH, THW NEC-OD (inch)		Compact AL RHH, THW NEC-OD (inch)	
	THHN/ THWN Insulation (mils)	THHN/ THWN NEC-OD (inch)	THHN/ THWN NEC-OD (mils)	THHN/ THWN NEC-OD (inch)	XHHW Insulation (mils)	XHHW NEC-OD (inch)	Compact AL XHHW NEC-OD (inch)	XHHW Insulation (mils)	XHHW NEC-OD (inch)	Compact AL XHHW NEC-OD (inch)	RHW-USE RHH, THW Insulation (mils)	RHW-USE RHH, THW NEC-OD (inch)	Compact AL RHH, THW NEC-OD (inch)	RHW-USE RHH, THW Insulation (mils)	RHW-USE RHH, THW NEC-OD (inch)	Compact AL RHH, THW NEC-OD (inch)		
6	35	.257	45	.282	45	.282	60	.323	.260	60	.323	.290	60	.372	.335	.290		
4	46	.328	45	.328	45	.328	60	.433	.305	60	.433	.335	60	.491	.360	.335		
2	46	.388	45	.388	45	.388	60	.508	.360	60	.508	.390	60	.567	.425	.390		
1	57	.450	55	.450	55	.450	80	.588	.425	80	.588	.465	80	.646	.491	.465		
1/0	57	.491	55	.491	55	.491	80	.646	.450	80	.646	.500	80	.716	.549	.500		
2/0	57	.537	55	.537	55	.537	80	.689	.490	80	.689	.545	80	.771	.595	.545		
3/0	57	.588	55	.588	55	.588	80	.741	.540	80	.741	.590	80	.822	.647	.590		
4/0	57	.646	55	.646	55	.646	80	.793	.590	80	.793	.645	80	.882	.705	.645		
250	68	.716	65	.716	65	.716	95	.843	.660	95	.843	.725	95	.924	.788	.725		
300	68	.771	65	.771	65	.771	95	.895	.715	95	.895	.775	95	.975	.843	.775		
350	68	.822	65	.822	65	.822	95	.947	.770	95	.947	.820	95	1.027	.895	.820		
400	68	.869	65	.869	65	.869	95	1.000	.800	95	1.000	.865	95	1.080	.942	.865		
500	68	.955	65	.955	65	.955	95	1.040	.880	95	1.040	.965	95	1.120	1.040	.965		

Standard NEC and AEIC Cable Dimensions

Compact Stranding

Conductor Sizes Copper/Aluminum		175 mils - 15KV Diameter		220 mils - 15KV Diameter		260 mils - 25KV Diameter		345 mils - 35KV Diameter	
Size Awg or MCM	Nominal O.D. (inches)	Over Insulation (±30 mils)	Over Shielding (±50 mils)	Over Insulation (±30 mils)	Over Shielding (±50 mils)	Over Insulation (±30 mils)	Over Shielding (±50 mils)	Over Insulation (±30 mils)	Over Insulation (±50 mils)
2	0.268	680	780	770	870	-	-	-	-
1	0.299	710	810	800	900	880	980	-	-
1/0	0.336	745	845	835	935	915	1015	1085	1205
2/0	0.376	785	885	875	975	955	1055	1125	1245
3/0	0.423	835	935	925	1025	1005	1105	1175	1295
4/0	0.475	885	985	975	1075	1055	1175	1225	1345
250	0.520	940	1040	1030	1130	1120	1240	1295	1415
350	0.616	1035	1155	1125	1245	1215	1335	1390	1510
500	0.736	1155	1275	1245	1365	1335	1455	1510	1630
600	0.813	1245	1365	1335	1455	1425	1545	1600	1760
700	0.877	1305	1425	1395	1515	1485	1605	1660	1820
750	0.908	1340	1460	1430	1550	1520	1640	1695	1855
800	0.938	1370	1490	1460	1580	1550	1710	1725	1885
900	0.999	1430	1550	1520	1640	1610	1770	1785	1945
1000	1.060	1490	1610	1580	1740	1670	1830	1845	2005

Compressed Stranding

Conductor Sizes Copper/Aluminum		175 mils - 15KV Diameter		220 mils - 15KV Diameter		260 mils - 25KV Diameter		345 mils - 35KV Diameter	
Size Awg or MCM	Nominal O.D. (inches)	Over Insulation (±30 mils)	Over Shielding (±50 mils)	Over Insulation (±30 mils)	Over Shielding (±50 mils)	Over Insulation (±30 mils)	Over Shielding (±50 mils)	Over Insulation (±30 mils)	Over Insulation (±50 mils)
2	0.283	695	795	785	885	-	-	-	-
1	0.322	730	830	820	920	900	1000	-	-
1/0	0.362	770	870	860	960	940	1040	1110	1230
2/0	0.405	815	915	905	1005	985	1085	1155	1275
3/0	0.456	865	965	955	1055	1035	1155	1205	1325
4/0	0.512	920	1020	1010	1110	1090	1210	1260	1380
250	0.558	980	1080	1070	1190	1160	1280	1335	1455
350	0.660	1080	1200	1170	1290	1260	1380	1435	1555
500	0.789	1210	1330	1300	1420	1390	1510	1565	1725
600	0.866	1295	1415	1385	1505	1475	1595	1650	1810
700	0.935	1365	1485	1455	1575	1545	1705	1720	1880
750	0.968	1400	1520	1490	1610	1580	1740	1755	1915
800	1.000	1430	1550	1520	1640	1610	1770	1785	1945
900	1.061	1490	1610	1580	1740	1670	1830	1845	2005
1000	1.117	1545	1705	1635	1795	1725	1885	1898	2060



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