

US02

Cable Semi-Con Shaving Tool

The US02 quickly and easily removes bonded semi-con from 5 to 35 kV power cables. Its unique blade shape preserves the smooth surface on insulation, eliminating the need for deburring or additional surface finishing. Its optimal stability design securely supports cables with diameters from 0.71" to 2.4" (18 mm to 60 mm) throughout the shaving operation.

Features

- Compact design accurately removes semi-con within 1.18" (30 mm) of the jacket on mid-span & end stripping applications
- Precision blade depth adjusts in increments of 0.004" (0.1 mm)
- Adjusts for 0.71" to 2.4" (18 mm to 60 mm) cable diameters with semi-con thicknesses up to 0.095" (2.4 mm)
- A revolving ergonomic handle & accessible adjustment knobs reduce effort & potential strain from repetitive shaving functions
- Stop position squares off the edge to complete the shaving operation without the need for an additional clamp
- Factory-set blade is easily replaced



Compatibility

PART #	CABLE VOLTAGE	CABLE SIZE Ø	SEMI-CON THICKNESS	CHAMFER ANGLE	REPLACEMENT BLADE PART #
US02-7000	5 kV to 35 kV	0.71" to 2.4" (18 to 60 mm)	Up to 0.095" (2.4 mm)	12°	US02-7501



Unique blade shape leaves surface of insulation extremely smooth.



Extra rollers provide tool stability on a range of cable sizes.



Winding pin keeps semi-con strip from getting in the way.



Equipped with four speed positions to optimize performance.

Make Cable Preparation Easier

With Additional Ripley® Products



SCS

Semi-Con Scoring Tool

- Provides accurate semi-con scoring; capable of longitudinal & spiral cuts
- Precise & easily adjustable blade depths from 0" to 0.16" (0 to 4 mm) in increments of 0.002" (0.05 mm)
- Compact design for easy use & storage

MODEL	PART #	SCALE	CABLE SIZE Ø
SCS V2	43651	Customary	0.31" to 1.77"
SCS V2	43650	Metric	8 to 45 mm



RFNP Series

Flat Nose Pliers

- Comfortable, ergonomic & slip-free dual-compound thermoplastic grips
- 10⁶ to 10⁹ ohms/sq surface resistance per IEC 61340-5-4 for ESD workstations
- Drop-forged, hardened & tempered steel alloy for strength & longevity

MODEL	PART #	TYPE	LENGTH
RFNP-S	46475	Short Nose	5.1" (130 mm)
RFNP	46474	Long Nose	5.7" (145 mm)



AJS

Adjustable Jacket & Insulation Slitter

- Indexing slitter for longitudinal & circumferential (ringing) cuts
- Ideal for slitting cable coverings ranging from soft insulated jackets to high-density polyethylene HDPE conduits

MODEL	PART #	MINIMUM CABLE SIZE Ø
AJS	43240	0.5" (12.7 mm) Longitudinal Slits 1.5" (38 mm) Ringing & Mid-Span



Infinity

US01 Adjustable Cable Stripper

- Versatile, reliable & accurate adjustable tool for mid-span & end stripping
- Strips jacket & insulation on primary & secondary cables

MODEL	PART #	CABLE SIZE Ø
US01	US01-7000	0.5" to 2.5" 12.7 to 63.5 mm



WS 5 Series

600V-35kV Cable End Stripper

- Strips XLPE, polyethylene & EPR insulations up to 400 mils thick from primary URD cables
- Bushings accommodate many insulation & semi-con stripping operations

MODEL	PART #	CABLE SIZE Ø
WS 5	Various (Refer to Full Line Catalog)	0.26" to 1.265" 6.6 to 32.12 mm



WS 6 Series

15kV-46kV Cable End Stripper

- Strips XLPE, polyethylene & EPR insulations without any damage to the conductor
- Bushings accommodate many insulation & semi-con stripping operations

MODEL	PART #	CABLE SIZE Ø
WS 6	Various (Refer to Full Line Catalog)	0.09" to 12.03" 22.86 to 51.56 mm