

## Instruction Sheet

**WARNING: THIS TOOL SHOULD NOT BE USED ON LIVE ELECTRICAL CIRCUITS. IT IS NOT PROTECTED AGAINST ELECTRICAL SHOCK!**  
 ALWAYS USE OSHA/ANSI/CE OR OTHER INDUSTRY APPROVED EYE PROTECTION WHEN USING TOOLS. THIS TOOL IS NOT TO BE USED FOR PURPOSES OTHER THAN INTENDED. READ CAREFULLY AND UNDERSTAND INSTRUCTIONS BEFORE USING THIS TOOL.

The **Utility Tool** US10 tool provides a chamfer to the insulation on 5-35kv primary power cables as part of the cable preparation for elbow installation, cable splices, and terminations. The tool produces a precise 30 degree chamfer on XLPE insulated cables. It also chamfers most EPR insulated cables.

The US10 works on cables with insulation diameter range 0.50" - 2.36" (12.7 - 60.0 mm)  
 The tool is designed with a speed button for fast jaw adjustment. The US10 tool then locks securely onto the cable creating a stable tool platform.

The tool is made with low friction thermoplastics and Teflon coated metals for smooth adjustments and operation.

### Features

- Insulation diameter range: 0.50" - 2.36" (12.7 - 60.0 mm)
- 30 degree chamfer angle
- Adjustable chamfer depth: 0.0 - .150" (0.0 - 3.8 mm)
- Chamfer is factory set at 0.075" depth for 1/8" (3mm) chamfer length
- Integrated tool stop
- Machined, ground and heat treated tool steel blade
- Compact form for tight work spaces. 200 mm dia max.
- Tool part number: US10-7000
- Replacement blade part number: US10-7500
- **Glovable™** EASY USE WITH GLOVES



## Operating Instructions

### 1.0 Prepare the cable

1.1 Make the proper strip backs on the power cable jacket, semi-con, and insulation as specified.

### 2.0 Secure the tool onto the cable

2.1: The tool has a quick-clamp speed button (A) to get the jaw readily positioned. Press the button and slide the jaw open and then closed onto the cable.

2.2: Position the cable with the blade extended over the conductor. Position the end of the insulation 3/16" -1/4" from the step in the jaw (B).

2.3: Rotate the thumb knob (C) to snug the jaw down onto the cable.

2.4: make a counterclockwise rotation(backwards) with the tool to ensure the fit is secure.

### 3.0 Chamfer the cable

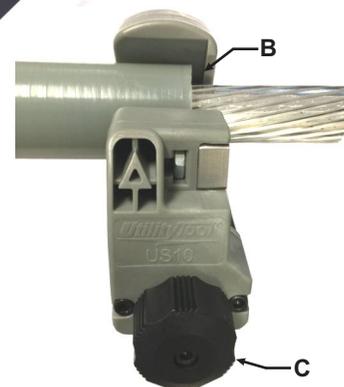
3.1: Rotate the tool clockwise with light forward pressure.

3.2: Rotate the tool until the cable reaches the step in the moveable jaw that acts as a cable stop. The insulation will be chamfered.

### 4.0 Chamfer length adjustment

4.1: Observe the chamfer length.

4.2: The blade can be adjusted up or down for the tool to make longer or shorter chamfers. The blade can be adjusted up to form a slight edge break on the cable or down for an approximate 5/32" (4.0mm) chamfer.



**WARRANTY: RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.**