US10 Insulation Chamfer Tool

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 primary power cables as part of the cable preparation for elbow installation, cable splices, and terminations.
The tool produces a precise chamfer on all XLPE insulated cables, and 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)
- Two chamfer angle tool models available: 30º and 45º
- Adjustable chamfer depth: 0.0 - .150" (0.0 - 3.8 mm)
- Integrated tool stop
- Machined, ground and heat treated tool steel blade
- Compact form for tight work spaces. 200 mm dia max.
- ***Glovable***™ EASY USE WITH GLOVES

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).

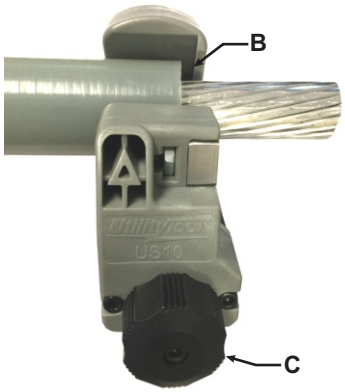
2.3: Rotate the thumb knob (C) to snug the jaw down onto the cable.

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.

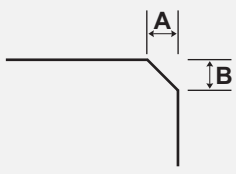
3.2: Rotate the tool until the cable reaches the step in the moveable jaw that acts as a cable stop. The insulation will be chamfered.

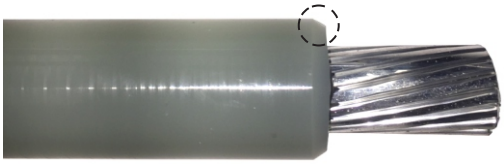


4.0 Chamfer length adjustment

4.1: The tools are factory set to produce chamfer lengths shown below.

4.2: The blade depth can be adjusted up or down for the tools to make longer or shorter chamfers as desired.

Tool Model	Chamfer Angle	Replacement Blade	Chamfer Profile	
US10-7000	30º	US10-7500	A = .125" B = .072"	
US10-7001	45º	US10-7501	A = .125" B = .125"	



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

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