



IDEAL INDUSTRIES, INC.

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## **45-144 Instructions:**

The IDEAL 45-144 cable stripping and slitting tool is designed to remove the outer jacket of round single or multiple conductor cables. Cables up to 1.75" in diameter can be stripped or slit with this tool.

### **Instructions for stripping cables:**

**Ensure cables are de-energized before any stripping or work is performed on the cable with this tool. Wear appropriate eye and hand protection. Do not place fingers or objects other than cables to be stripped inside of the stripping chamber/area.**

Adjust the blade height by spinning the knurled silver knob. Visible blade height should be equal to the thickness of the outer jacket that is going to be stripped. If thickness is unknown, start with a lower blade setting and gradually raise the blade as necessary. It is generally better to strip too shallow into the outer jacket than to go too deep through the outer jacket as internal conductors may be damaged.

Holding the tool in your hand, and using your thumb, push up on the angled portion of the metal retainer, allowing a cable to be inserted on top of the blade.

Position the cable in the stripping chamber in the location where the stripping should begin.

Release the retainer so it is firm and snug against the cable. Begin rotating the tool around the cable several times until the jacket is cut. Rotate as few times as possible to prevent damage to inner conductors. If blade strips too deep, lower the blade (less blade exposed) and strip a new section of cable.

Press up on the retainer again and remove the cable from the tool. Slide the cut portion of outer jacket off of the cable.

### **Instructions for slitting cables:**

**Ensure cables are de-energized before any stripping or work is performed on the cable with this tool. Wear appropriate eye and hand protection. Do not place fingers or objects other than cables to be stripped inside of the stripping chamber/area.**

Adjust the blade height by spinning the knurled silver knob. Visible blade height should be equal to the thickness of the outer jacket that is going to be stripped. If thickness is unknown, start with a lower blade setting and gradually raise the blade as necessary. It is generally better to strip too shallow into the outer jacket than to go too deep through the outer jacket as internal conductors may be damaged.

Holding the tool in your hand, and using your thumb, push up on the angled portion of the metal retainer, allowing a cable to be inserted on top of the blade.

Position the cable in the location where the cutting should begin. Release the retainer so it is snug against the cable.

Using your thumb, press the lever knob with the black cap all the way to the right and hold it there. This rotates the blade in the tool 90 degrees for cable slitting.

Holding the knob to the right, slide to tool along the length of cable to be slit. If blade slits too deep, lower the blade (less blade exposed) and slit a new section of cable.

Press up on the retainer again and remove the cable from the tool.

