



# SCS MAX 45-75 SCORING TOOL

US05-7100



**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.

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.

## Product Overview

The **SCS MAX Semi-con Scoring Tool** is used to make precision score depth cuts on large diameter power cable with strippable semi-con to assist in proper semi-con removal. The tool has a cable size range of 45mm to 75mm (1.77 - 2.96") diameter over the semi-con screen. The tool scoring depth is up to 4 mm (.16").

## Product Features

- Semi-con diameter range 45mm - 75mm (1.77" - 2.96")
- Blade depth adjustment range up to 4 mm (.16") deep
- Dual action scoring capability: ring cut and spiral cut
- Micro indexing blade depth adjustments in 0.05 mm (.002")
- Works in tight places with a 4" operating envelope

## Operating Instructions

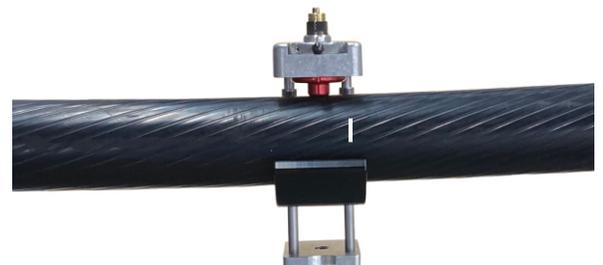
### 1. Set the blade depth

The black knurled knob at the top of the tool is used to index a blade depth. Turn the knob clockwise for a deeper blade setting. One full revolution is 1.0mm (.040") deep. Refer to the cable's nominal and minimum semi-con thickness to establish a blade depth that avoids any damage to the insulation.



### 2. Locate the tool on the cable

Squeeze open the SCS MAX tool and place it on the cable at the strip back dimension. Ensure the blade is positioned for a circumferential ring cut.



**3. Score the cable \*\***

Make 1 full counterclockwise rotation for a ring cut. Index the blade for a spiral cut. Continue to rotate the tool to the end of the cable.

\*\*A bow in a cable or cable shield impressions on the semi-con may influence the tracking of a circumferential ring cut. Shown here is the SCS MAX Clamp that is placed adjacent to the SCS MAX tool to help ensure a perfect circumferential cut.



**4. Remove the semi-con**



Tool Model	Feature	Tool Part Number	Replacement Blade
SCS MAX 45-75	Inch scale with 0.002” increment blade depth adjustments up to 0.16” maximum depth	US05-7100	43645
SCS MAX 45-75 (metric)	Metric scale with 0.05mm increment blade depth adjustments up to 4.0 mm maximum depth	US05-7101	43645
SCS MAX CLAMP	Durable, non-marring delrin. Use clamp to ensure a precise ring cut on semi-con	US05-7110	