



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

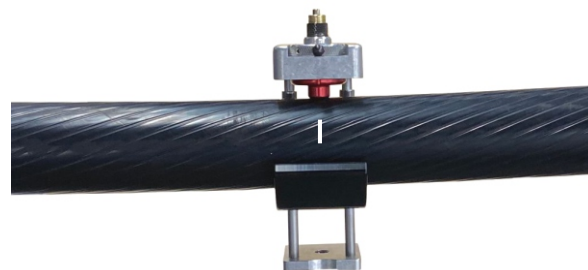
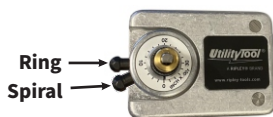
1. Set the blade depth

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

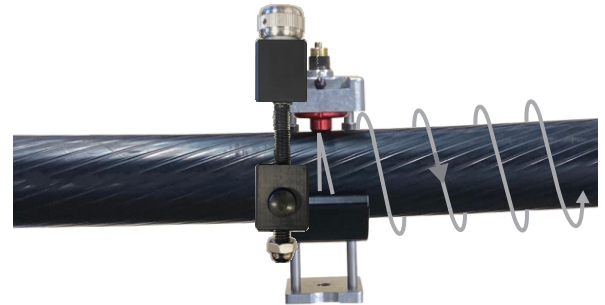
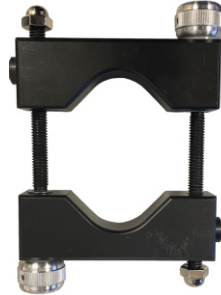
Squeeze open the SCS MAX tool and place it on the cable at the strip back dimension. Ensure the blade is positioned for a circumferential ring cut.



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	