

## COATING REMOVAL TOOLING AND PROCEDURE AcoustiSens® Single-Mode Acoustic Sensor Fiber

Procedure Applies to AcoustiSens Fibers  
GS86545 · GS80935 · GS84362 · GS82628

### Parts Needed for Soft Strip Tool from Micro-Strip:

Fiber Guide P/N MS1-RT-10 · Blades P/N MS1-RB-06S

<http://micro-strip.com/replacement-parts.html>

### Heated Tool Parts:

Soft Strip Tool P/N MS-4T-E · AC Adapter P/N MS-T3

<http://micro-strip.com/thermal.html> · <http://micro-strip.com/accessories.html>

### MS-4T-E (Soft Strip - AC Adapter Powered)

#### A. Handle Assembly

Battery or AC adapter operated, 4 ft. wire leads are connected to either a 6V battery or AC adapter.

#### H. Spring Assembly

Keeps handles apart. In later models, also ejects scrap from heater oven.

#### G. Heater Oven

Heats and softens material to be stripped. Activated when handles are closed. Accommodates up to 2" maximum strip length.

#### F. Strip Length Guide

Callibrated in 1 mm increments for desired strip lengths.

#### B. Cutter Blade Set (P/N MS1-RB-06S)

Selected for each ribbon or fiber size. Opposing blades self align around fiber guide to assure concentric scoring and precision-stripped, nick free fiber. Blades travel in a straight line to assure proper alignment. Color coded to match fiber guide lock.

#### C. Fiber Guide Lock

Holds the fiber securely in position. Color coded to match the cutter blade set.

#### D. Stripping Force

Applied longitudinally with the fiber. The chance for harmful drag against the blade is virtually eliminated, even with operator inattention or fatigue

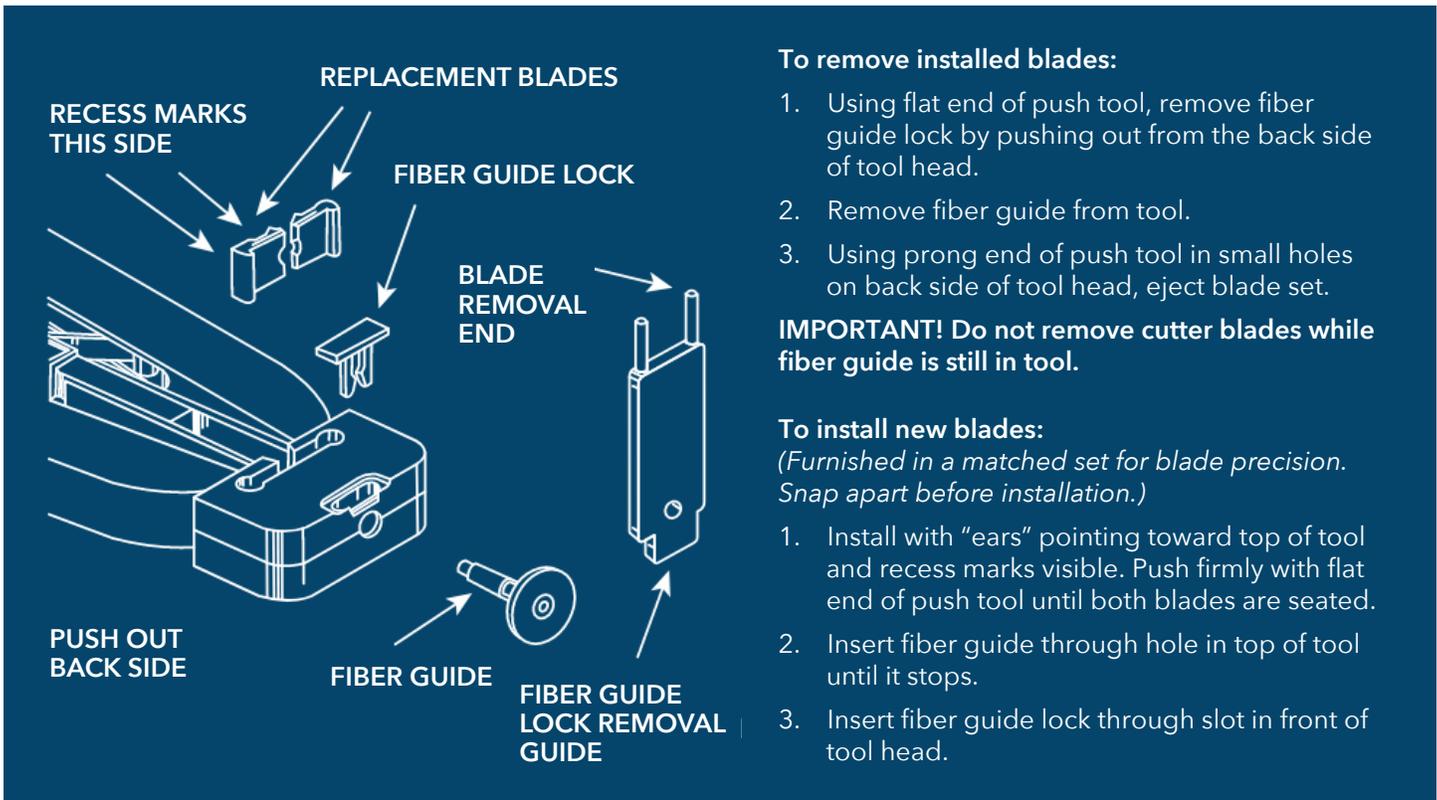
#### E. Fiber Guide (MS1-RT-10)

Selected for each nominal diameter or unstripped fiber, wire, or ribbon. Wrong size will not fit, assuring that the fiber is properly stripped, and not nicked or damaged.

**NOTE:** AC Adapter sold separately.



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### Details of the Strip Method to Remove the Fiber Coating

1. Close the handles for 30 seconds to pre-heat the tool prior to using on fiber coating.
2. Insert optical coated fiber through the tool's fiber guide and into the heater section to 2"/50.8 mm length indicator making sure the fiber does not bow out of the heating channel.
3. Close the tool's handle to:
  - Engage the blades
  - Activate the heater
4. Keep handles closed for 30 seconds to allow heat to soften the coating. With the handles still closed, slowly withdraw (straight out - do not bend fiber) the fiber from the strip tool.
5. Remove the stripped material from the heating channel.