

**FOC-SS**  
Fiber Optic Cleaver  
Operating Instructions

**Warning!** This tool should not be used on live electrical circuits. It is not protected against electrical shock! Always use OSHA/ANSI 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 **FOC-SS** fiber optic cleaver will score and cleave fiber leaving a mirror-like end face finish 2.0mm - 20.0mm from the fiber coating.



Specifications

- For use with single .125mm OD fiber
- 2.0 - 20.0 mm Cleave Length
- 124mm x 20mm x 40 mm dimensions
- Tool weight: 60 gm
- Operating temperature: 0-40 deg. C
- Storage temperature: -20-60 deg. C

Operation:

**1. Strip and clean fiber**

Remove primary and secondary coatings from fiber. Complete removal of the primary coating may be accomplished by using a fiber stripper. Next, clean the fiber with alcohol and a lint-free wipe.

**2. Set Fiber**

Press the fiber holding lever down and insert the clean fiber into the fiber holder- along the groove in the leaf spring. Line up the end of the buffer coating with the cleave length mark you would like to use. Make sure the leaf spring is horizontal until the cleave step. Release the fiber holding lever to clamp the fiber. Hold the buffered fiber against the end of the leaf spring and momentarily press the fiber holding lever once more to relieve torsional stress.

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### 3. Scoring

Lightly and slowly press down on the blade box to nick the fiber. The blade must be used gently in order to provide a good cleave. Slowly release the blade box- only score the fiber once.

### 4. Cleaving

Carefully bend the leaf spring down while continuing to hold the fiber. Bend the leaf spring just enough to separate the fiber, over bending can damage the spring. Release the fiber hold lever and dispose of the fiber stub.

Keep the FOC-SS clean for good results.

Replacement parts:

FOC-SS Carbide blade: p/n 46491

FOC-SS leaf spring: p/n 46492

FOC-SS diamond blade: p/n 46493

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



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