

FBC-005 High Precision Fiber Cleaver

SIECOR



Description

Siecor's FBC-005 High Precision Fiber Cleaver provides laboratory-quality performance in a field cleaver. Fibers cleaved with the simple craft-friendly unit consistently have end-angles of less than 0.5 degrees from perpendicular.

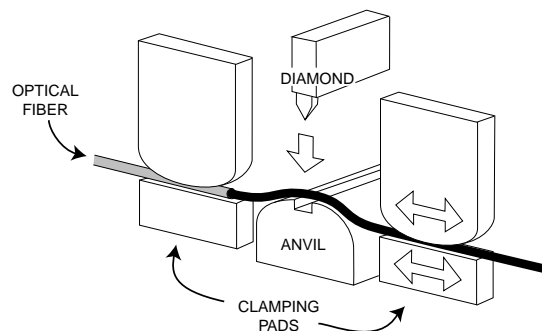
Operation

The FBC-005 utilizes the bending/scoring principle for the cleaving operation. The fiber is bent over an anvil by two clamping pads and scored by a diamond blade. When the clamping pads are opened, the fiber breaks at the scoring point. The cleaving process requires five simple steps:

1. Strip off fiber coating.
2. Clean fiber with alcohol.
3. Insert fiber in alignment groove.
4. Press top of cleaver until it stops and fiber is cleaved.
5. Remove cleaved fiber.

Features / Benefits

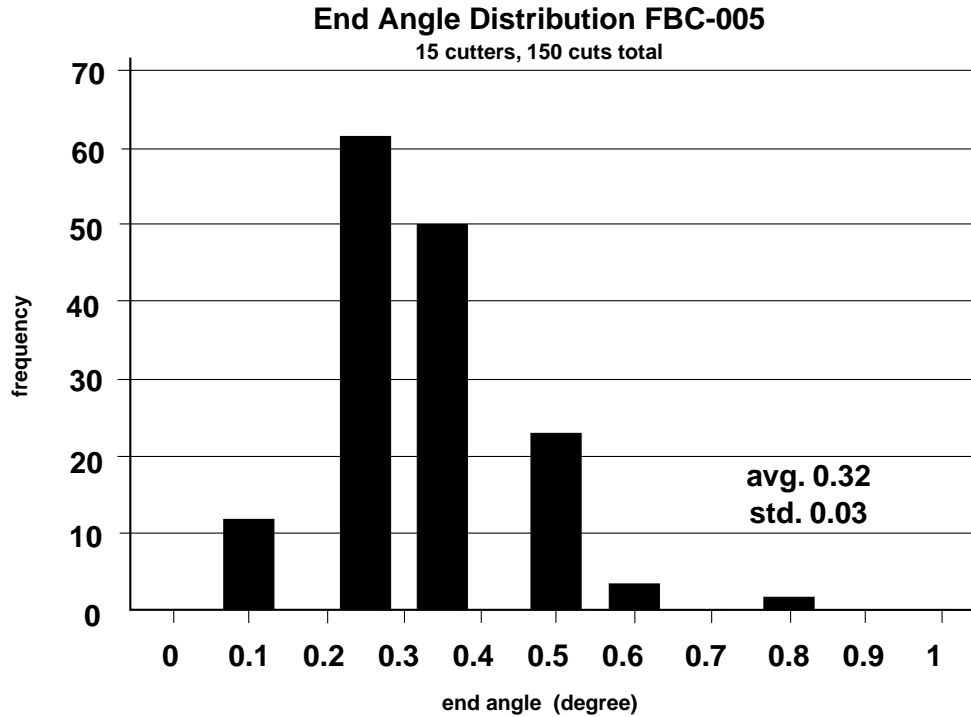
- Typical cleave angle 0.5 degrees or less
- Simple operation
- Rugged
- Craft-friendly
- Precision diamond blade
- Accommodates single-mode and multimode fiber up to 900 μm coating
- Two-position adjustable cleaving tension



FBC-005 High Precision Fiber Cleaver

Specifications

Dimensions	77 mm x 70 mm x 134 mm (3 in x 2.75 in x 5.25 in)
Weight	546 g (1.2 lb)
Bare Fiber Diameter	100 - 140 μ m
Fiber Type	Single-mode or Multimode
Blade Type	Diamond
Blade Life	Approximately 10,000 cleaves
Minimum Bare Fiber Length	6 mm (Loose Tube) 14 mm (Tight Buffered)



Ordering Information

Part Number	Description
FBC-005	High Precision Fiber Cleaver in carrying case; includes cleaver cleaning strip, lint-free tissues, swabs, tweezers, electrical tape, and two 60-ml bottles (for alcohol)
FBC-005-01	Diamond replacement blade

Note: The FBC-005 can also be mounted on the Siecor Model M90 Fusion Splicer. Contact your Siecor Customer Service Representative or authorized Siecor distributor for more information on these products.