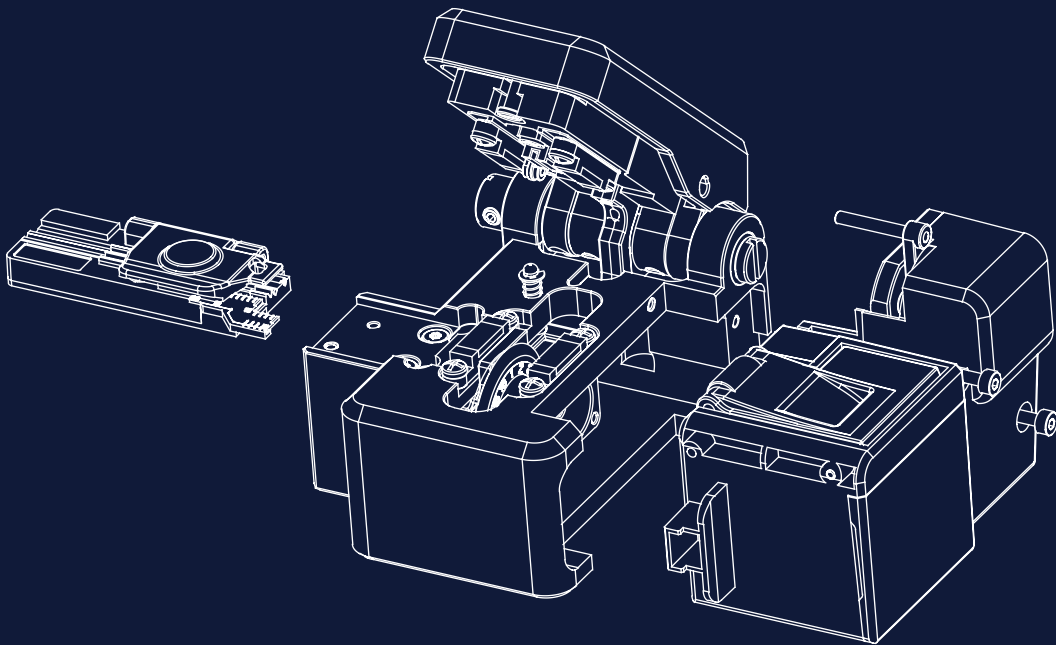


GTO

FIBER CLEAVER



OPERATION MANUAL

DBtek

v1.0

SAFETY WARNING AND PRECAUTIONS

Thank you for choosing the GTI Fiber Cleaver. Please read and fully understand this manual before operating the device to ensure its safe and proper use.

⚠ Attention – Read Before Use:

Not following the instructions in this manual may lead to personal injury or equipment damage.

Precautions:

1. Never Disassemble or Lubricate the Unit:

Attempting to disassemble or apply oil to the main body of the cleaver can lead to product damage.

2. Handle with Care:

Dropping or subjecting the cleaver to impact can impair its functionality.

3. Safe Use of Blade:

Avoid contact with the blade. Touching the blade can cause injury and may damage the blade.

4. Fiber Debris Procedures:

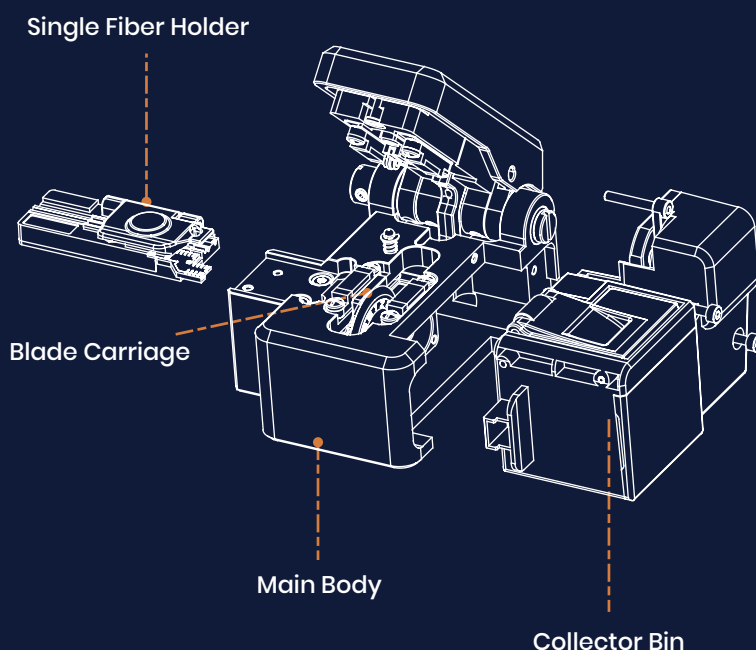
Fibers and shards are hazardous. Promptly clean and dispose of any debris to prevent accidents. Ensure proper disposal of fiber shards. Have the bin ready for safe disposal.

5. Service and Support:

In case of any operational issues, cease use immediately and contact the DBtek Service Center for assistance.

PRODUCT SPECIFICATION

Cladding diameter	125 μ m
Number of Core	\varnothing 0.25 to 0.9mm and 2 to 3mm and drop cable
Cleaved length	5mm~20mm (Coating diameter < 250 μ m) 10mm~20mm (Coating diameter >250 μ m)
Dimensions(mm)	H:50 W:99 D:73
Weight	283g
Cleaver	1
Operation Manual	1
T8, H1.5 wrench	1
Cleaver Case	1
Brush	1

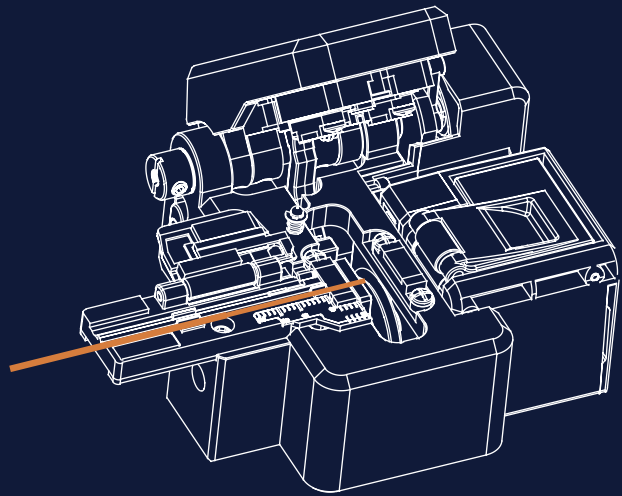
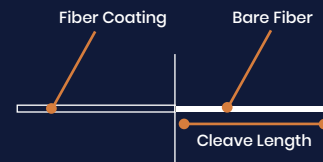


OPERATING PROCEDURE

1. Lift the lid of the Fiber Holder
2. Insert the fiber into the appropriate groove and precisely set its position according to the required cleave length.

Note: Achieving a 16mm cleave requires aligning the fiber coating edge precisely with the 16mm indicator on the ruler.

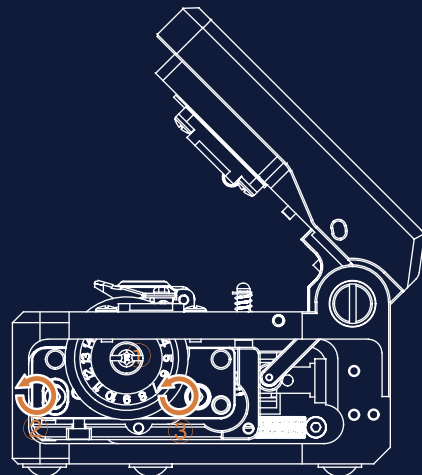
3. Initiate the cleave by closing the cleaver's lid; the fiber shard will be automatically deposited into the Collector Bin.



BLADE ADJUSTMENT

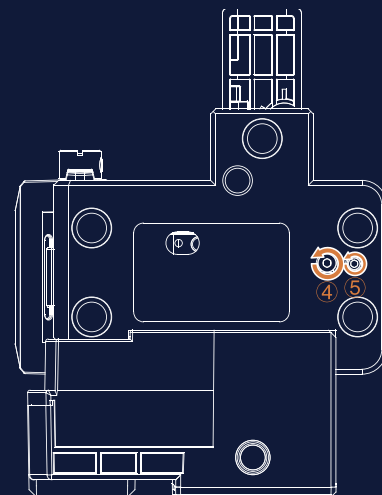
Blade Position

1. Upon completing the first step of the Blade Replacement procedure (removal of the Collector Bin), proceed to loosen the blade-holding screw (1) using a T8 wrench.
2. Rotate the blade to the next position
3. Tighten the blade-holding screw (1)
4. Reinstall the Collector Bin



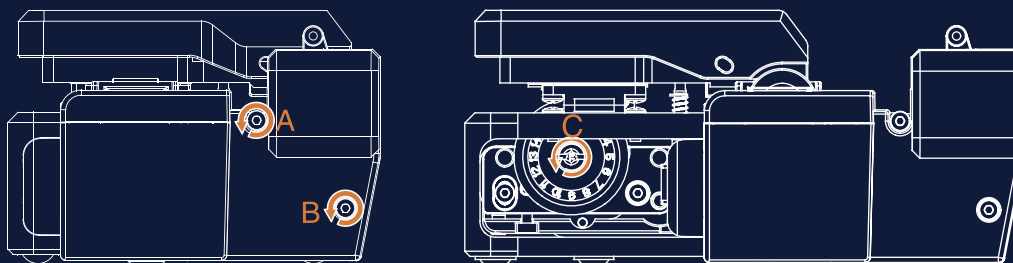
Blade Height

1. Following the step of the Blade replacement procedure (Collector Bin removal), loosen the side screws (2 & 3), and the locking screw (4).
2. Using the 1.5mm L-shaped wrench, turn the adjustment screw (5). Clockwise to raise the blade, and counter-clockwise to lower it.
3. Tighten the screws (2, 3 & 4)
4. Reinstall the Collector Bin



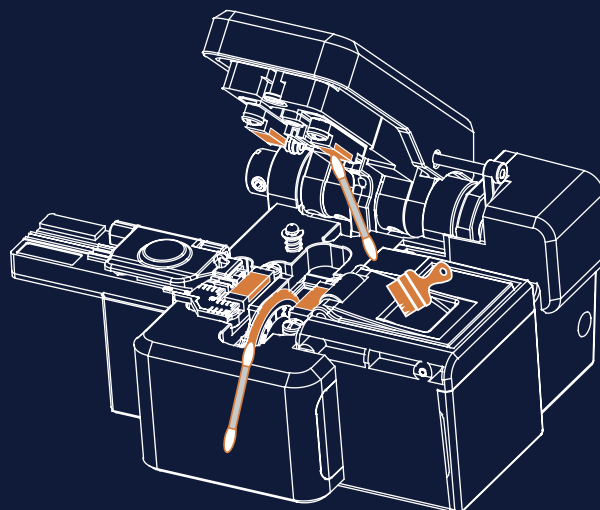
BLADE ADJUSTMENTS

1. Use the 1.5mm L-shaped wrench to unscrew the 2 screws on the side of the cover (A & B), and remove the Collector Bin
2. Unscrew the blade-holding screw (C) with a T8 wrench, replace the blade and secure it in place with the blade-holding screw (C).
3. Reinstall the Collector Bin



MAINTENANCE

For reliable and consistent operation, the cleaver must be kept free of contamination. Clean all components using a cotton swab moistened with isopropyl alcohol (IPA). Make sure the fiber holder grooves are clear of any debris or residue.



DIAGNOSTICS

If you encounter cleaving problems, consider these common issues and solutions:

1. **Fiber Placement:** Ensure the fiber is properly, straightly placed.
2. **Setting Blade Height:** Adjust the blade to the proper height setting.
3. **Holder & Clamp Debris:** Remove any dust from the holder and clamp components.
4. **Dust on Fiber:** Re-strip the fiber and clean it thoroughly with alcohol.

For further assistance, contact the DBtek Service Center.