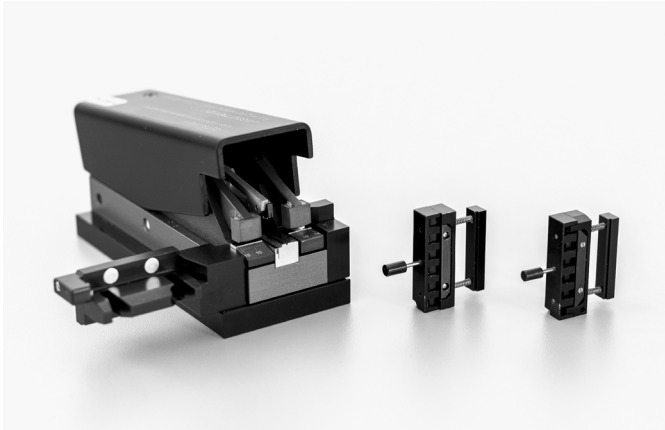




## Corning CLV-FBC005

High Precision Fiber Cleaver



### DESCRIPTION:

This Corning FBC-005 high precision fiber cleaver provides laboratory-quality performance in a field cleaver. Fibers cleaved with the simple craft-friendly unit allow for end-angles of less than 0.5° from perpendicular.

Simple and fast to operate, the precision diamond blade accommodates single-mode and multimode fibers up to 900 µm coating. Benefit from the two-position adjustable cleaving tension. This unit is RoHS compliant.

### SPECIFICATIONS:

Dimensions (H x W x D)	7,7 x 7 x 13,4 cm/ 3 x 2,75 x 5,25 in
Weight	546 g / 1.2 lb
Bare Fiber Diameter	100 to 140 µm
Fiber Type	Multimode, Single-mode
Typical Cleave Quality	< 0.5 degrees
Blade Type	Diamond
Blade Life	Approximately 10,000 cleaves (field replaceable)

### VERSIONS:

#### CLV-FBC005-DS / Corning X6

Cleaver FBC-005 for manual fiber handling turnable for 250 µm and 900 µm fibers

#### CLV-FBC005-PK / Corning A9

Cleaver FBC-005 for PK-clip adapter with distance between end of PK-clip and diamond of 6mm

#### CLV-FBC005-PK35 / Corning A14

Cleaver FBC-005 for PK-clip adapter with distance between end of PK-clip and diamond of 35mm

#### CLV-FBC005-PK45 / Corning A15

Cleaver FBC-005 for PK-clip adapter with distance between end of PK-clip and diamond of 45mm

### ACCESSORIES/ SPARE PARTS:

FBC-005-01	Spare part diamond with holder for FBC-005
S46999 -M9 -S17	Spring set FBC-005 cleaver (4 pcs.)
S46999 -M9 -S18	Cleaver bearing assembly
S46999 -M9 -S20	Blade installation tool
S46999 -M9 -S25	Clamp arm & pad left
S46999 -M9 -S25-PK	Clamp arm & pad left (for -PK)
S46999 -M9 -S26	Right fiber clamp assembly
S46999 -M9 -S29	Tensile switch
S46999 -M9 -S36	Spring on backside
S46999 -M9 -S37	Fiber holder (PK Clip)
S46999 -M9 -S37-DNL	Fiber holder (PK Clip)
S46999 -M9 -S41	Set of washers A/B/C6
S46999 -M9 -S47	FBC-005 RIGHT FIBER GUIDE turn-and slideable
00340233-35	Spacer A14 cutting length 35 mm
00354466-45	Spacer A15 cutting length 45 mm
CLV-06CLNSTR-1	Cleaning stripes for cleaver FBC-006; set of 50 pcs.
CLV-OIL-1	Special oil FBC012 and FBC005

Please note: Technical specifications, scope of supply, and prices may be subject to change without prior notice.

## Corning CLV-FBC006

Precision Diamond Cleaver for single-fiber applications



### DESCRIPTION:

The Corning FBC-006 fiber cleaver with a diamond blade provides smooth, flat, perpendicular fiber end faces (typically < .35°) necessary for low-loss fusion or mechanical splicing.

Fast and easy to use, it produces high-quality, repeatable cleaves for multimode, single-mode, ClearCurve® and NZDS fibers in one simple step. This unit is RoHS compliant and will cleave 250 µm coated fibers and 900 µm buffered fibers with a cladding diameter of 80 µm to 140 µm.

### SPECIFICATIONS:

Dimensions (H x W x D)	7 x 7 x 4 cm/ 2.75 x 2.75 x 1.5 in
Weight	0.12 kg / 0.3 lb
Bare Fiber Diameter	80 to 140 µm
Fiber Type	Multimode, Single-mode, NZDS
Typical Cleave Quality	< 0.35 degrees
Blade Type	Diamond
Blade Life	Approximately 10,000 cleaves (field replaceable)

### VERSIONS:

#### CLV-FBC006-A8:

Universal Cleaver FBC-006 A8 base part with adapter for universal bare fiber adapter and wide clamping surface

#### CLV-FBC006-2:

Universal Cleaver FBC-006 base part with adapter for universal bare fiber adapter

#### CLV-FBC006-3:

FttP Cleaver FBC-006 base part with adapter for FttP fiber holder

### ACCESSORIES/ SPARE PARTS:

CLV-FBC6BLADE-2	Replacement diamond with holder for Cleaver FBC-006
CLV-06DHLSET-1	Holder set for FBC-006 (2 holders, 2 screws M2.5, 1 clamping screw)
CLV-06CLNSTR-1	Cleaning stripes for cleaver FBC-006; set of 50 pcs.
CLV-FBC6UA-1	Adapter for bare fiber adapter universal 250µ to 900µ
CLV-FBC6U9-1	Adapter for bare fiber adapter 900µ and 3mm
CLV-FBC6UA-A8	Adapter for bare fiber adapter universal 250µ to 900µ
CLV-06HOLD250-1	Fiber guide 250µ/900µ for FBC-006
OS-ADAPT250-C	Fiber holder adapter set left/right single fiber 250µ for OS one SOC with drill hole for pin SOC in slide
OS-ADAPT900-C	Fiber holder adapter set left/right single fiber 900µ for OS one SOC with drill hole for pin SOC in slide

Please note: Technical specifications, scope of supply, and prices may be subject to change without prior notice.



## Corning CLV-FBC012

Mass Fiber Cleaver for 1- 12 Fibers



### DESCRIPTION:

The Corning FBC-012 mass fiber cleaver provides excellent cleaves of one to 12 fibers using a simple one-step operation. The cleaver comes with a universal single-fiber guide that may be used when cleaving single fibers. The removable guide allows the cleaver to hold common fiber handling adapters of mass fusion splicers or fiber handlers for UniCam Connector installation. The 12-position blade can be replaced in the field. This unit is RoHS compliant.

### SPECIFICATIONS:

Dimensions (H x W x D)	9,5 x 7,2 x 5,5 cm / 3.7 x 2.8 x 2.2 in
Weight	0.5 kg / 1.1 lb
Bare Fiber Diameter	125 µm nominal
Fiber Type	Multimode, Single-mode
Typical Cleave Quality	< 1 degree
Blade Type	Carbide
Blade Life	Approximately (2,000) 12-fiber cleaves; 12,000 2-fiber cleaves or 24,000 single-fiber cleaves (field replaceable)

### VERSIONS:

**CLV-FBC012:**  
Mass Fiber Cleaver appropriate for ribbon fibers

### ACCESSORIES/ SPARE PARTS:

CLV-012OPNSPR-1	FBC-012 Opening Spring
CLV-012ANVIL-1	Anvil for cleaver FBC-012
CLV-012SPRSET-1	FBC-012 Tension Spring (Set of 2)
CLV-012JAWSET-2	Set (4 pcs.) of fiber clamp pads from plastic for FBC-012 cleaver
CLV-012BLADE-1	Replacement blade FBC-012 cleaver
CLV-012HOLDER-1	FBC-012 Cleaver wheel holder complete
CLV-012LEVERC-1	FBC-012 Assembly - Two lever with bearing
CLV-012TRALEV-1	FBC-012 Trapezoid lever
CLV-012WHLARM-1	FBC-012 Cleaving wheel holder arm
CLV-012BREAK-1	Break for cleaver FBC-012 reworked
CLV-OIL-1	Special oil FBC012 and FBC005
OS-ADAPT12M-1	Fiber holder adapter set left/right 12x, normal for OS Ribbon
OS-ADAPT2-1	Fiber holder adapter set left/right 2x for OS Ribbon
OS-ADAPT250-C	Fiber holder adapter set left/right single fiber 250µ for OS one SOC with drill hole for pin SOC in slide
OS-ADAPT4-1	Fiber holder set left/right 4x for OS ribbon
OS-ADAPT6-1	Fiber holder set left/right 6x for OS ribbon
OS-ADAPT8-1	Fiber holder set left/right 8x for OS ribbon
OS-ADAPT900-C	Fiber holder adapter set left/right single fiber 900µ for OS one SOC with drill hole for pin SOC in slide
X752-ADAPT12M-1	Minimass Fiber holder set left/right 12x, normal for X75-12

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