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Data Sheet

August 13, 2026

FUJIKURA

Fujikura CT-03HT-06 High Tensile Precision Fiber Cleaver

The Fujikura CT-03HT-06 is a high tensile precision fiber cleaver designed for accurate and consistent fiber cleaving in various optical fiber applications. It features a solid construction and precise blade control for optimal cleave quality.

**MODEL****Fujikura CT-03HT-06****CALIBRATION****Available on request****CONDITION****Used****STATUS****In stock****RFQ / SKU****CT-03HT-06****LISTING**<https://aumictechlabs.com/products/ct-03ht-06-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fujikura CT-03HT-06 is a high-tensile precision fiber cleaver engineered to deliver consistent, high-quality cleaves across conventional silica optical fibers. Built for professional field and laboratory environments, it combines precise blade control with durable construction to meet the exacting demands of fiber optic cable preparation, fusion splicing, and termination workflows where cleave quality directly impacts signal integrity.

Technical Specifications

Applicable Fiber: Conventional silica optical fiber
Bare Fiber Diameter: 125 μ m
Cladding Diameter: 125 μ m
Coating Diameter: 250 to 900 μ m (expandable to 2 mm and 3 mm cord and drop cable with optional AD-30C fiber plate)
Cleaving Angle: 0.5 degrees
Blade Life: Up to 48,000 fibers
Blade Positions: 3 height positions and 16 rotating positions for extended blade utilization
Dimensions: 113.5(W) × 82(D) × 42(H) mm (including fiber scrap collector)
Weight: Approximately

225 g (including fiber scrap collector) Key Features Multi-position blade design - 3 height and 16 rotating positions - maximizes cleaving life to 48,000 fibers per blade Precision blade control ensures consistent cleave angles at 0.5 degrees Integrated fiber scrap collector manages cleaved fiber debris Tool-free blade adjustment using included hexagonal wrench Requires no lubrication; maintenance limited to isopropyl alcohol and lint-free wipe cleaning Straightforward operation: fiber stripping, cleaning, loading, and lid closure initiates cleave Typical Applications Fiber optic cable preparation for network installations Fusion splice termination workflows optical network assembly Field and laboratory fiber termination processes Compatibility & Integration The CT-03HT-06 works with Fujikura fiber holders and fiber plates designed for different fiber types and cleave lengths. Integration with standard Fujikura fiber optic preparation accessories accommodates diverse coating diameters and application requirements.

Features & description

From manufacturer datasheet

Features

- High-tensile short cleave length option (3-5 mm coating-clamp class)

CT03HT Characteristics / Specifications

PARAMETER	VALUE
Model	CT-03HT-06
Manufacturer	Fujikura
Instrument Type	High-tensile precision single-fiber cleaver
Fiber Type	Single fiber silica
Bare Fiber / Cladding	125 um class (silica single fiber)
Fiber Count	Single
Primary Use	High-tensile / high-strength splicing preparation
Cleave Length (High Tensile / Coating Clamp)	3 to 5 mm class
Clamping Method Target	Coating clamp (short cleave) for high tensile strength
Companion Splicer Family	FSM-40F / high-tensile Fujikura factory splicers
Blade Family	CT-03 / CT-04 / CT-07 / CT-100 class circular blade
Blade Positions (family class)	16 rotation positions typical Fujikura precision
Blade Height Steps (family class)	3 height adjustments typical
Blade Life (family class)	up to about 36000 to 48000 cleaves depending on height/position use
Cleave Angle (precision family class)	average about 1 degree or better class on related CT precision models
Holder Compatibility	Fujikura fiber holder compatible HT workflow
Replacement Blade Compatibility	CT-03HT-06 listed with CT-03/04/07 blade kits
Product Class	High precision / high tensile (HT) cleaver
Shipping Weight Class (reseller)	about 3 lb packaged class Notes Public CT-03HT-06 sheets are sparse; numeric blade-life and angle values above are Fujikura HT/precision cleaver family class and FSM-40F accessory listings. Confirm exact cleave-length stop/spacer (SPA class), blade type, and holder set for the installed unit. Do not invent model-unique limits beyond OEM/companion documentation.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

performance in Fujikura HT/precision cleaver class

- Manual precision cleave for coating-clamp high-strength splices

Technical Specifications

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PARAMETER	VALUE
Model	CT-03HT-06
Manufacturer	Fujikura
Instrument Type	High-tensile precision single-fiber cleaver

Specifications

PARAMETER	VALUE
Fiber Type	Single fiber silica
Bare Fiber / Cladding	125 um class (silica single fiber)
Fiber Count	Single

Primary Use: High-tensile / high-strength splicing preparation

Cleave Length (High Tensile / Coating Clamp): 3 to 5 mm class

Cleave Length Context (FSM-40F Bare Clamp): 8 to 10 mm standard on companion splicer

Specifications

PARAMETER	VALUE
Clamping Method Target	Coating clamp (short cleave) for high tensile strength
Companion Splicer Family	FSM-40F / high-tensile Fujikura factory splicers
Blade Family	CT-03 / CT-04 / CT-07 / CT-100 class circular blade

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Notes

Public CT-03HT-06 sheets are sparse; numeric blade-life and angle values above are Fujikura HT/precision cleaver family class and FSM-40F accessory listings. Confirm exact cleave-length stop/spacer (SPA class), blade type, and holder set for the installed unit. Do not invent model-unique limits beyond OEM/companion documentation.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.