



CT-38 Precision Fiber Cleaver

The CT-38 cleaver is designed for cleaving silica fibers with 80µm cladding. Utilizing the same one step design of our popular CT-30 cleaver, the CT-38 is quick, easy, and dependable. The 16 position blade yields 48,000 cleaves by providing for blade height and position adjustments. The cleaver can be used with either the FSM-45F and 45PM fiber holder system or with the optional AD-30A adapter plate for other applications.

Application

DESCRIPTION	FIBER PLACING	CLEAVE LENGTH (MM)	REQUIRED CLEAVER SPACER		NOTE
			PROVIDED	OPTIONAL	
CT-38	Fiber Holder	10	—	SPA-40-CT-050	—
		9	SPA-40-CT-040	—	—
		8	—	—	—
		5	—	SPA-40-CT-050	Short cleave length of 3 mm to 5 mm available by stripping with HJS-02 and SPA-040-HJS-030. (sold separately)
		4	SPA-40-CT-040	—	
		3	—	—	
CT-38A	Fiber Plate	6 to 20	SPA-40-CT-050	—	Requires purchase of CT-38 and optional AD-30A.

Specifications

PARAMETER	VALUE
Dimensions (W x D x H)	69 mm x 82 mm x 41 mm (2.7" x 3.2" x 1.6")
Weight	180 g (0.4 lbs)
Blade lifetime	48,000 cleaves (1,000 x 3 heights x 16 positions)
Cleave angle capability	typically <0.5°
Fiber count	Single
Fiber type	Silica Optical Fiber
Cladding diameter	80 µm

Ordering Information

DESCRIPTION	APPLICATION	AFL NO.
CT-38 (fiber holder) Includes: CT-38 cleaver, SPA-40-CT-040 cleaver spacer, hex wrench, carrying case and instruction manual	Single Fibers: 165 µm coating, 80 µm cladding	S014349

Accessories

DESCRIPTION	AFL NO.
Replacement Blade for CT-30 Series Cleavers	S012828
CC-21 Carrying Case for CT-30 Series Cleaver	S014484
AD-30A Adapter Plate	S014096
SPA-40-CT-050 Spacer	S014351