

# FUJIKURA CT52 / CT58

## FIBRE CLEAVERS

### PRODUCT OVERVIEW

- Short length cleaving available to 3mm (CT52)
- Applicable for 80µm diameter fibre (CT58)

The CT52 is designed for cleaving silica fibre with 125µm cladding diameter, specially for its short length cleaving capability. Minimum 3mm cleave is possible by up to 900µm fibre coating, while the coating is clamped.

The CT58 cleaves silica fibre with a 80µm cladding diameter and coating diameters up to 400µm.



### Features & Benefits

- Applicable for up to 12-fibre cleaving.
- Automatic cleaving blade rotation via wireless communication.
- User replaceable fibre clamps and cleaving blade.
- Blade life up to 60,000 cleaves.
- Wide lever opening angle allows easy fibre placement.
- Single-action operation including fibre scrap collection.

## Specifications

Description		CT52	CT58
Applicable optical fibre		Silica optical fibre	
Fibre count		Single	
Cladding diameter		125µm	80µm
Coating diameter		150 to 900µm	100 to 400µm
Cleaving length	Fibre holder	Refer "Cleaver Selection" below	
	AD-50	5 to 20mm (coating dia. ≤250µm) 10 to 20mm (coating dia. >250µm)	
	AD-10-M24	5 to 24mm (coating dia. ≤250µm) 10 to 24mm (coating dia. >250µm)	
Cleaving angle <sup>1</sup>		Typical 0.5 degress	
Blade life		60,000 fibres (1,250 fibres x 3 heights x 16 positions)	
Fibre scrap collection		Installed	-
Wireless connectivity <sup>2</sup>		Wireless technical standard: Bluetooth®4.1 LE OS: Android 5.0 or above, iOS 8.0 or above (iPhone6 above)	
Power supply		AAA (LR03) dry battery: 2pc	
Dimensions		120(W)x95(D)x58(H)mm	90(W)x95(D)x58(H)mm
Weight		300g	265g
Operation condition		0 to 95% RH and 0 to 40°C (non-dew)	
Storage condition		0 to 95% RH and -40°C to 80°C (non-dew)	
Resistance features <sup>3</sup>		Shock: 76cm (30") all directions drop	
		Dust: Exposure to dust (0.1 to 500µm dia. Alumina Silicate)	
		Rain: IPX2 (3mm/min, 2.5min on each of 4 surfaces tilted at 15°)	

<sup>1</sup> The optical fibre type, the blade condition or the operating environment may affect the cleaving angle. Since the measuring device has been changed from an interference microscope to a fusion splicer, this specification value is now higher than that of the previous model (CT-30).

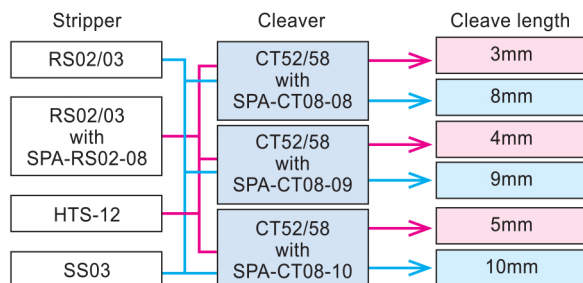
<sup>2</sup> The Bluetooth wireless connection of this product is not guaranteed to work with all smartphones or other devices.

<sup>3</sup> The shock resistance test does not guarantee the product will not be damaged under these conditions.

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## Cleaver Selection



Note:

- Short cleave length (3, 4 and 5mm) are available for coating diameter of 400µm or smaller.
- The export of HTS-12 is controlled under Foreign Exchange and Foreign Trade Law of Japan. Therefore, your order shall be subject to the approval of the Japanese Government.

Description	Model No.
Applicable fibre holder	FH-70-160 / FH-70-250 / FH-70-900
	FH-100 Series

## Items

Description	Model No.	CT52	CT58
Spacer	SPA-CT08-10	Option	
	SPA-CT08-09	1pc*	
	SPA-CT08-08	Option	
Carrying case	CC-37	1pc	
Hexagonal wrench	HEX-01	1pc	
Instruction manual	M-CT52-E	1pc	-
	M-CT58-E	-	1pc
Blade	CB-08	1pc*	
Blade rotary wheel	BRW-CT08-01	1pc*	
Arm set	ARM-CT52-01	1pc*	-
	ARM-CT58-01	-	1pc*
Dust box	FDB-05	1pc*	-
Side cover	SC-CT50-01	Option	1pc*
Fibre plate	AD-50	Option (with SPA-CT08-10)	
	AD-10-M24		

\* Installed to main body



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