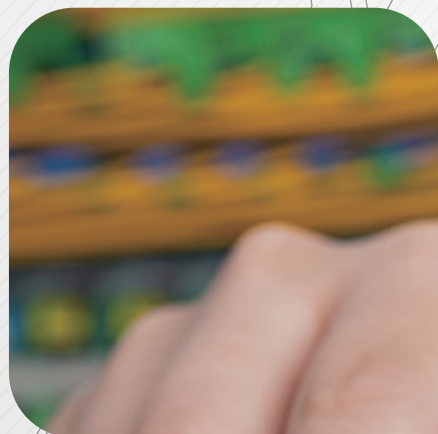




Make
it Easy

TAWAA TOOLS LIMITED



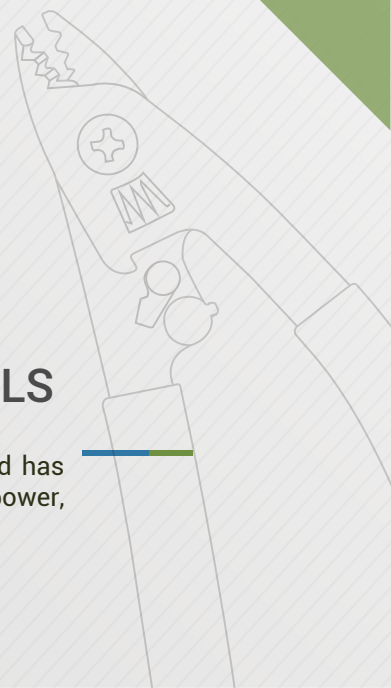
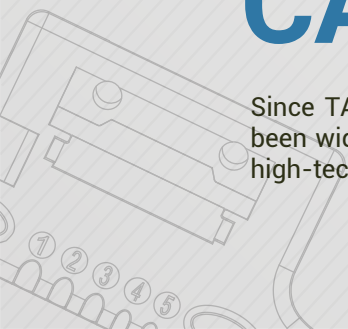
2026

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CATALOGUE

TAWAA TOOLS

Since TAWAA TOOLS entered the market, it has been deeply loved by users, and has been widely used in communication, radio and television, railway, mining, port, power, high-tech and other fields.





About us

TAWAA TOOLS LIMITED (here in after referred to as TAWAA TOOLS, brand: TAWWA), headquarter is located in the Suzhou, China. Since its establishment, the company's ideal is "Make it easy", has always been people-oriented and adhering to the business philosophy of "credibility first, integrity first".

TAWAA TOOLS focuses on the research and development of the optical fiber communication industry. It has independent research and development capabilities and creative capabilities. At present, the company has developed into a high-tech enterprise integrating R&D, production and sales, committed to promoting the development of the global communication tools industry.

Nowadays, TAWAA has launched several series of optical fiber tools, hardware tools, tool sets and so on. Which including optical fiber cleaver TFC-30; Fiber optic stripper CFS-3; Armed cable splitter ACS-1; Ratcheting cable splitter KMS-K; Coax cable stripper 45-162; Mid-span cable stripper MSAT4 etc.

CATALOGUE



Fiber Optic Tools

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Network Cable Tools

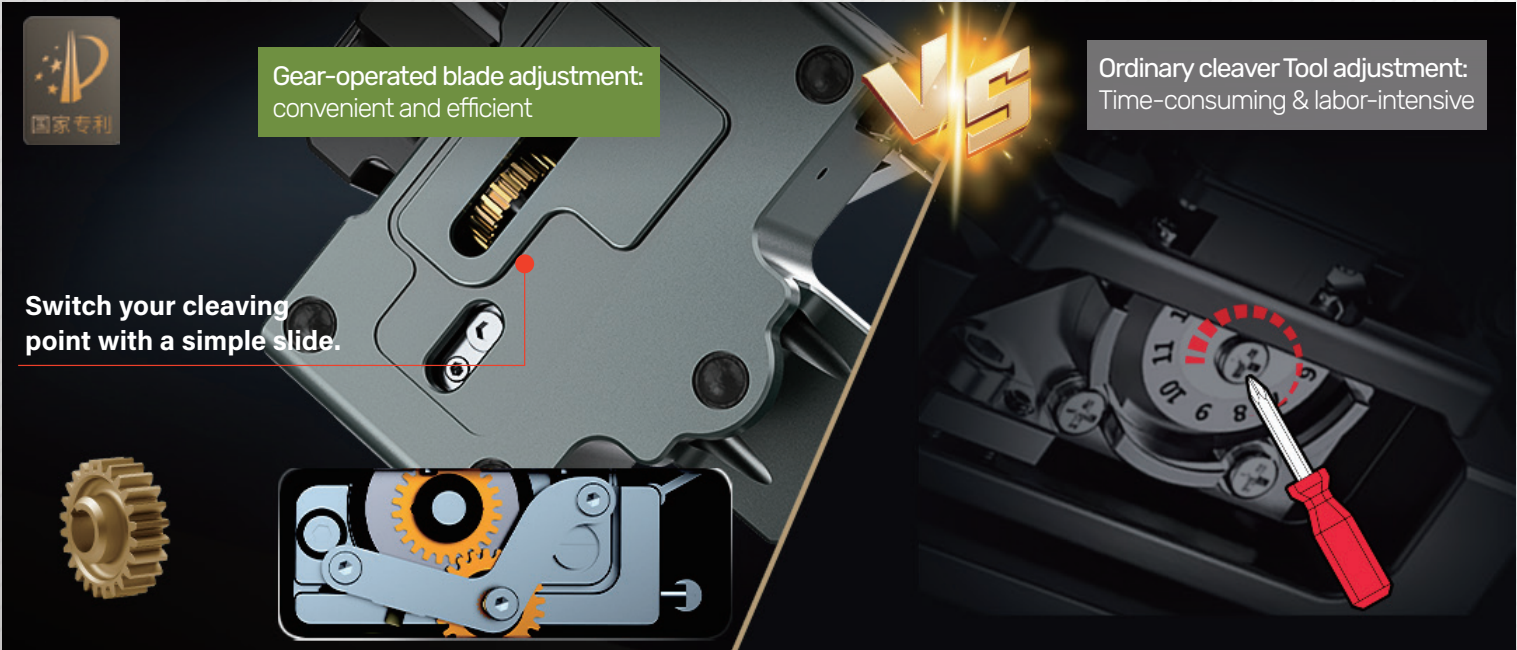
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FC-33 One-Step Fiber Cleaver

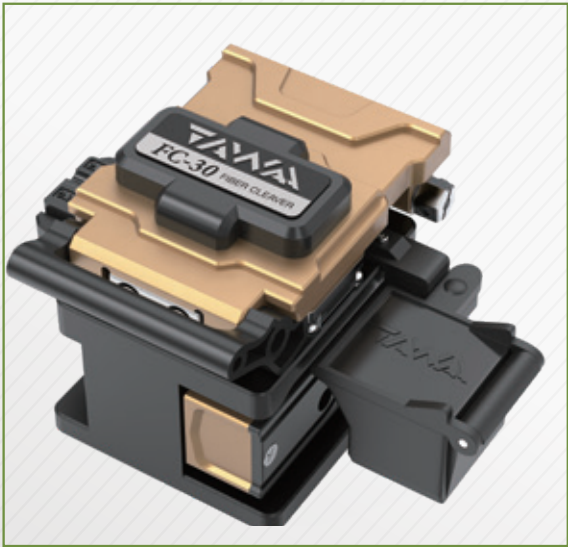
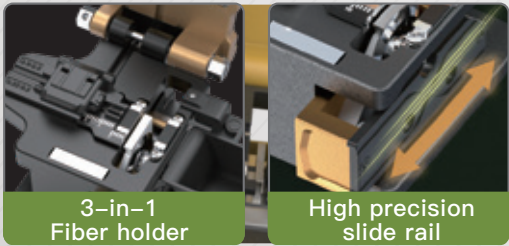
- All-Metal CNC machining
- Fiber holders: Universal, Dual-Fiber, and 3-in-1 holders
- Tool-less blade adjustment (patented)
- 72,000 Blade cleaving lifespan (replaceable)
- < 0.5° Cleaving angle (Typical)
- Applicable fiber types: 250μm to 3.0mm
- Lifetime free maintenance



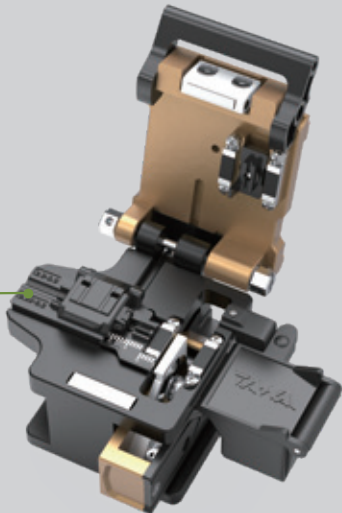
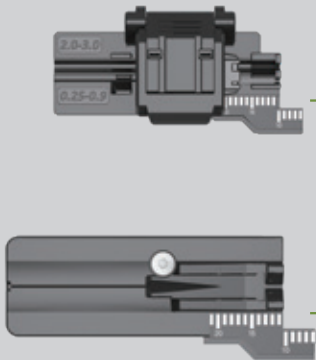
Product Model	FC-33	FC-23
Tool-free cleaver adjustment	✓	✗
Cleaving diameter	125um	
Cleaving length	Single-core: 8~20mm/Multi-core: 10mm	
Suitable optical fiber	Single-core: 250 μ m, 900 μ m, 3.0mm, drop cable/ Multi-core: 2 to 12 core	
Cleaving angle	Typical value <0.5°*	
Blade life	72,000 cycles (replaceable)*	
Dual-core fixture	Standard configuration	
Universal fixture	Standard configuration	
3-in-1 fixture	Standard configuration	
Optical fiber storage box	Standard configuration	
Type of storage box	Manual operation	
Automatic cleaver return	Standard configuration	
Size	76W * 93.1D * 50H (mm)	
Overall weight	246.1g	
Metal weight	212.6g	

FC-30 Desktop Fiber Cleaver

- Blade life up to 48,000 times
- Traditional bench top design
- Typical cleaving angle ≤ 0.5 degree
- Double fixture design, suitable for various optical fibers of 0.25~3.0mm



Double Fiber Holders

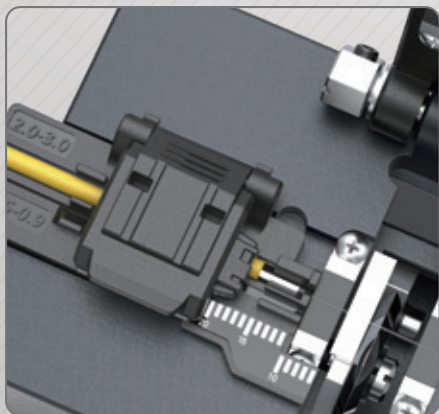
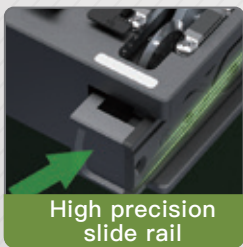


Type	FC-30
Fiber material	Single fiber
Cladding diameter	125 μ m
Cleaved length	Single fiber: 8~20mm / Ribbon fiber: 10mm
Applicable fiber cable	Single fiber: 250 μ m, 900 μ m, 3.0mm / flat cable / Ribbon fiber: 2 to 12 fiber cable
Typical cleaved angle	Less than 0.5 Degrees ★①
Typical blade life	Total 48,000 fiber cleaves (replaceable) ★②
Auto return	Pre-fitted
Off-cut collector/ type of offcut bin	Pre-fitted/Manual

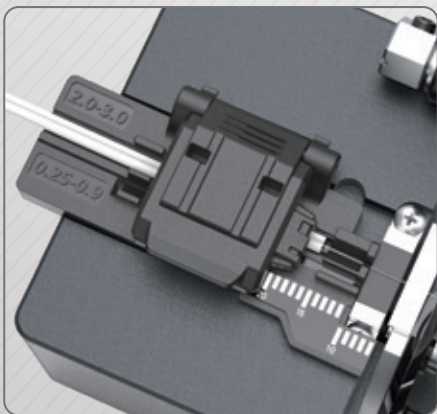
★① The fiber cleave angle changes by operating environment
★② Blade life changes by operating environment

FC-20 Hand Held Fiber Cleaver

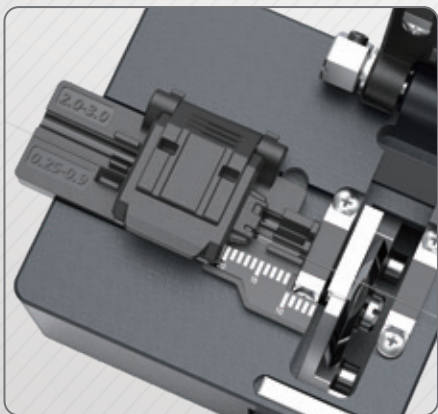
- Blade life up to 48,000 times
- Typical cleaving angle ≤0.5 degree
- Palm-sized design, lightweight and portable
- All-in-one holder is suitable for various optical fibers of 0.25~3.0mm



尾纤



皮线



裸纤

Type	FC-20
Fiber material	Single fiber
Cladding diameter	125μm
Cleaved length	Single fiber: 8~20mm / Ribbon fiber: 10mm
Applicable fiber cable	Single fiber: 250μm, 900μm, 3.0mm / flat cable / Ribbon fiber: 2 to 12 fiber cable
Typical cleaved angle	Less than 0.5 Degrees ★①
Typical blade life	Total 48,000 fiber cleaves (replaceable) ★②
Auto return	Pre-fitted
Off-cut collector/ type of offcut bin	/

★① The fiber cleave angle changes by operating environment
★② Blade life changes by operating environment

FTS-01 Fiber Optic flat cable Stripper

- Adjustable blade height
- Suitable for 3.0mm/ 2.0mm butterfly drop cable
- No damage to fiber, continuous fiber, no residue
- Anti-slip design of rubber sheath, clear scale mark
- SUS420 stainless steel blade, solid and durable cutting edge
- Using one-time forming die-cast aluminum, high-strength structure



Aluminum die-casting



Rubber sheath



Scale ruler



First Step

Put the leather thread in the jaws, Use the ruler to determine the length to be cut.



Second Step

Press the handle and pull back, Easily strip the optical fiber.

Name	Fiber optic flat cable stripper
Model	FTS-01
Applicable fiber type	3.0x2.0mm Butterfly drop cable
Blade life	60000 times ★①
Positioning ruler	Accurately locate the cutting length
Product size	126*56.5*26.5mm
Product weight	128g

★① Blade life changes due to operating environment

CFS-3 Fiber Optic Stripper

- Large hole is used to strip 2–3mm fiber jacket
- Middle hole is used to strip 250–900um white soft glue
- Small hole is used to strip 125–250um fiber coating
- High temperature quenching heat treatment of jaws
- No damage to fiber, no coating left



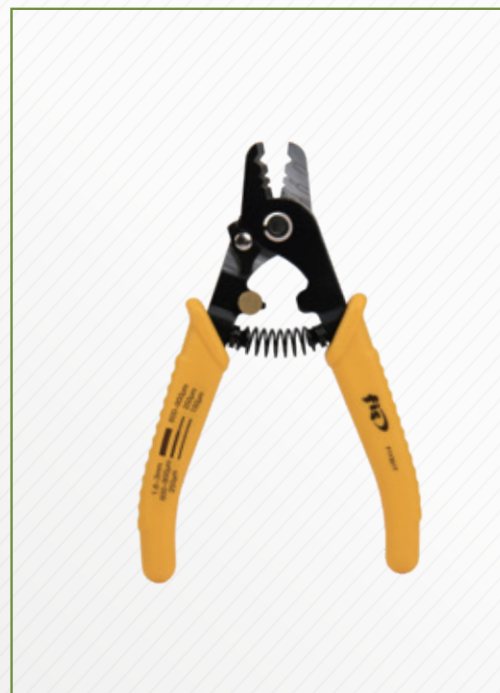
2–3mm
Fiber jacket



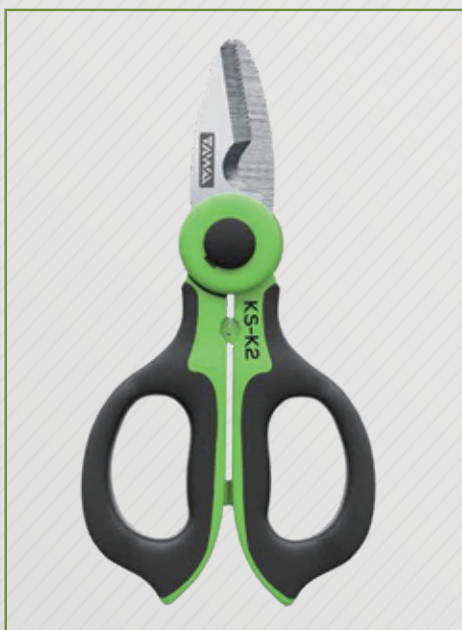
250–900um
soft glue



125–250um
Fiber coating



Suitable fiber	Bare fiber/ jump fiber/ pigtail
Fiber diameter	125um
Cladding diameter	250um
Size	16.5cm
Weight	0.13kg



KS-K2 Fiber Optic Kevlar Cutter

- Stainless steel blade, sharp and durable
- Used to cut the Kevlar strength members in the fiber pigtail
- Dual color handles, non-slip, easy to operate
- Lightweight and practical
- Serrated blade, which effectively eliminates the sliding of Kevlar strength members



Kevlar strength members



3.0mm Fiber



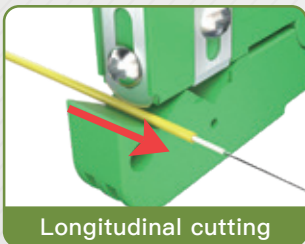
Ethernet cable



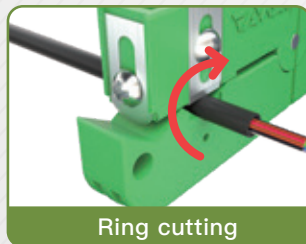
Electric cable

45–164 Cable Stripper

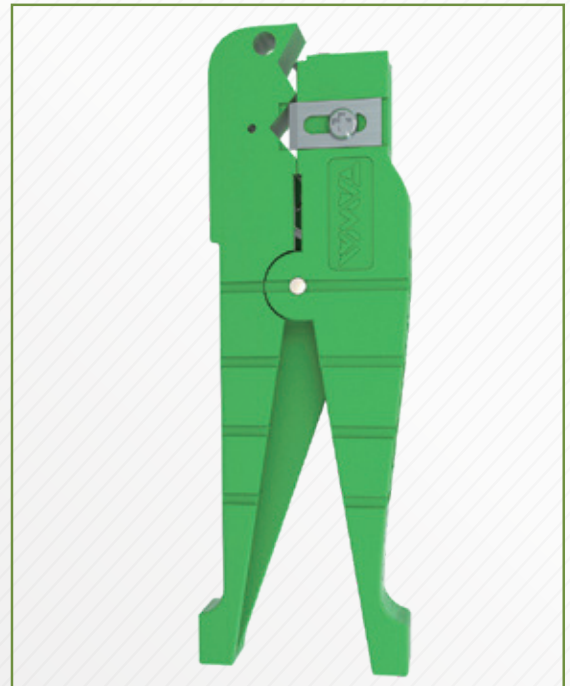
- Support circular cutting and vertical sliding cutting
- The cutting depth of the blade can be set freely without damaging the core
- Fast wire stripping, no fiber damage
- Suitable for stripping coaxial cables with a diameter of 6.4–14.3mm
- Simple operation, small size, easy to carry



Longitudinal cutting



Ring cutting



Name	Coax cable stripper
Cable type	45–164
Stripping specification	6.4–14.3mm Wire diameter
Blade specifications	3 Straight edge blade+1Arc edge blade
Size	180mm



KMS–K Ratcheting Cable Slitter

- Cutting depth 0~5mm
- Suitable for cables with diameter ≥ 25 mm
- Blade is sharp and durable, easy to strip the cable
- Ergonomic handle design, comfortable hand feeling
- Super-hard serrated wire wheel, stable and non-slip, no deviation



Longitudinal cutting

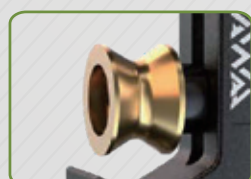
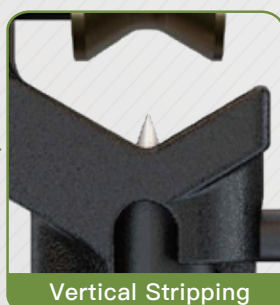
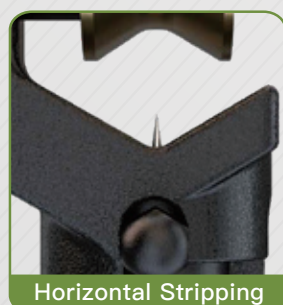


Circular cutting



ACS-1/2 Armored Cable Slitter

- ACS-1 stripping diameter is 8–28.6mm
- ACS-2 stripping diameter is 4–10mm
- Longitudinal cutting and circular cutting, blade depth can be adjusted
- The blade angle can be rotated 90° for horizontal cutting
- Precision pulley, stable and labor-saving



Name	Armored cable slitter	
Cable type	ACS-1	ACS-2
Stripping specification	8–28.6mm (Wire diameter)	4–10mm (Wire diameter)
Optical fiber type	Armored/ aluminum cable, etc	
Depth of the blade	5.5mm	
Size	130mm	
Weight	280g	

RCS-1940/4529 Round Cable Stripper

- RCS-1940 Suitable for large diameter cables 19–40mm
- RCS-4529 Suitable for small diameter cables 4.5–29mm
- Two cutting tracks: longitudinal cutting, rotating cutting
- Stripping tool for outer sheath of multi-core optical cable
- Safe & accurate peeling of PE, PVC, rubber outer sheaths
- Ergonomic design, easy to use and store



19–40mm
Large diameter



4.5–29mm
Small diameter



RCS-1940

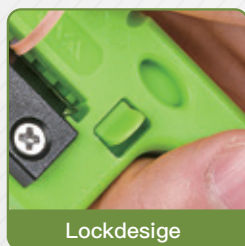
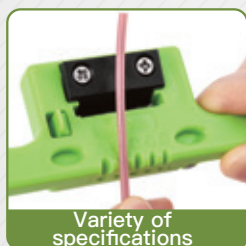
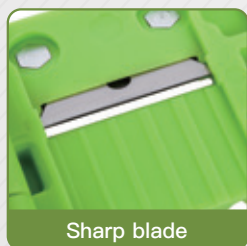
RCS-4529

Model	RCS-1940	RCS-4529
Cable type	Round cable	
Size	158mm	135mm
Weight	110g	100g



MSAT5 Mid-Span Access Tool

- For 1.9–3.0mm cable
- Consists of 5 precision slitting grooves
- The blade is forged with SK-5 alloy, high hardness
- Lightweight structure, durable & simple operation
- Lock design safer, quickly & cleanly stripping



MSAT4 Mid Span Cable Slitter

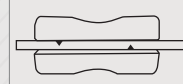
- For outer diameter fiber 1.5–3.3mm
- Consists of 4 precision slitting grooves
- Sharp & durable blade, easy to strip the cable
- Super alloy blade, sharp edge
- Double-sided upper and lower blades, easy to pull fibers

Steps for usage:

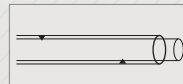


2.5~2.9mm →
2.0~2.4mm →

1.5~1.9mm →
3.0~3.3mm →



Step 1
Choose a groove
according to the
diameter of the fiber



Step 2
Close the slitter
and pull



TBL-16 Optical Fiber Cleaver Blade

- Blade Size 22 * 4 * 2 mm
- Blade life about 48000 times
- Imported tungsten steel, cutting angle $\leq 0.5^\circ$
- 16 Cutting positions, each cutting point can cut more than 3000 times



TBL-22 Optical Fiber Cleaver Blade

- Blade Size 20 * 4 * 2 mm
- Blade life about 48000 times
- Imported tungsten steel, cutting angle $\leq 0.5^\circ$
- 22 Cutting positions, each cutting point can cut more than 2000 times



TBL-23 Optical Fiber Cleaver Blade

- Blade Size 20 * 4 * 3 mm
- Blade life about 48000 times
- Imported tungsten steel, cutting angle $\leq 0.5^\circ$
- 24 Cutting positions, each cutting point can cut more than 2000 times



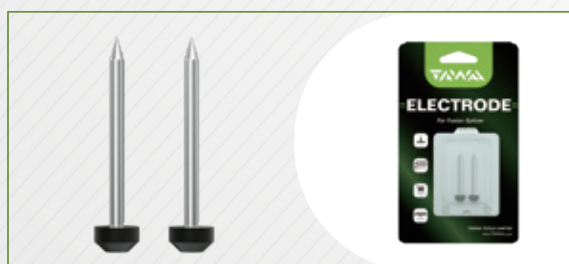
TBL-23N Optical Fiber Cleaver Blade

- Blade Size 22 * 4 * 2.5 mm
- Blade life about 48000 times
- Imported tungsten steel, cutting angle $\leq 0.5^\circ$
- 24 Cutting positions, each cutting point can cut more than 2000 times



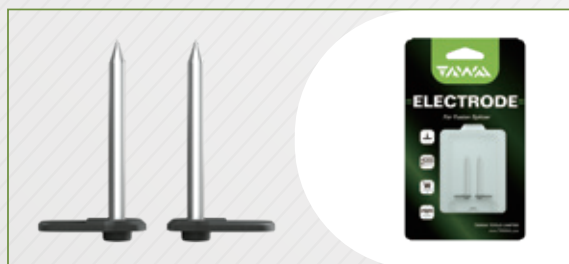
TBL-23D Optical Fiber Cleaver Blade

- Blade Size 20 * 4 * 3.2 mm
- Blade life about 48000 times
- Imported tungsten steel, cutting angle $\leq 0.5^\circ$
- 24 Cutting positions, each cutting point can cut more than 2000 times



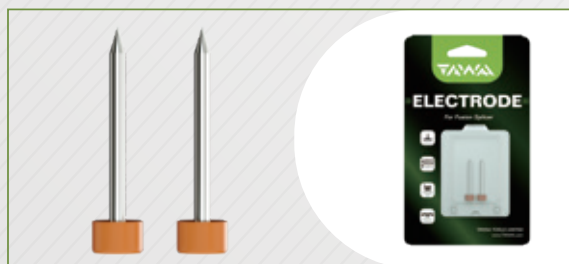
TED-S177 Fusion Splicer Electrode

- Discharges up to more than 4000 times
- Imported tungsten steel, sharp top, stable discharges
- Applicable brands: FITELS-177/175/176、DVP-730



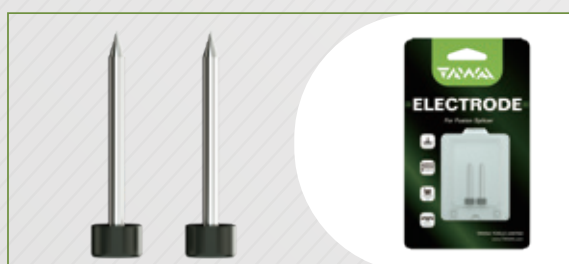
TED-S178 Fusion Splicer Electrode

- Discharges up to more than 4000 times
- Imported tungsten steel, sharp top, stable discharges
- Applicable brands: FITEL S178A/S123A/S123C/S123M4/S153A



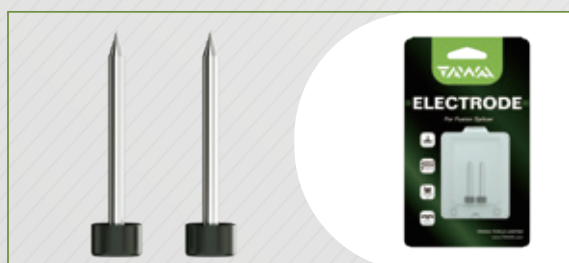
TED-SUMO Fusion Splicer Electrode

- Discharges up to more than 4000 times
- Imported tungsten steel, sharp top, stable discharges
- Applicable brands: ELOIK ALK-80/88/88A/88s
SUMITOMO TYPE-39/TYPE-400s/TYPE-81C/T-600C



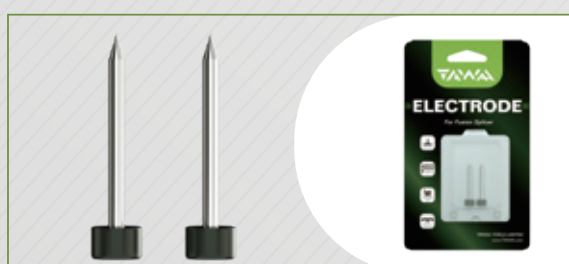
TED-CETC Fusion Splicer Electrode

- Discharges up to more than 4000 times
- Imported tungsten steel, sharp top, stable discharges
- Applicable brands: ORIENTEK T40/T45
KOMSHINE FX35/FX37 CETC AV6471/AV6481



TED-SWIFT-F Fusion Splicer Electrode

- Discharges up to more than 4000 times
- Imported tungsten steel, sharp top, stable discharges
- Applicable brands: SWIFT-F1/F3



TED-SWIFT-S Fusion Splicer Electrode

- Discharges up to more than 4000 times
- Imported tungsten steel, sharp top, stable discharges
- Applicable brands: SWIFT-S1/S3/S5



TED-FJR-122 Fusion Splicer Electrode

- Discharges up to more than 4000 times
- Imported tungsten steel, sharp top, stable discharges
- Applicable brands: FUJIKURA 12S/22S



TED-INNO Fusion Splicer Electrode

- Discharges up to more than 4000 times
- Imported tungsten steel, sharp top, stable discharges

Applicable brands	Applicable Model
FUJIKURA	61S/ 62S/ 70S/ 80S/ 80C/ 62C/ 50S/ 60S
INNO	IFS-10/ 15/ 15H/ 15M/ 15A/ 18/ 16/ VIEW3/ VIEW5/ VIEW7/ VIEW4S
FIBERFOX	MINI 4S / MINI 5S/ MINI 6S
DVP	DVP-740/ DVP-760
SHINHU	X96/ X96H/ X97
SKYCOM	T107/ T108/ T207/ T207H/ T208/ T308
ORIENTEK	T37/ T43
KOMSHINE	GX36/ GX37
DARKHORSE	D19/ D90/ D90S
SHINEWAY	OFS-80



FPS-40 Fusion Splice Protection Sleeves

- FPS-40 diameter 3.0 * 40mm
- Suitable for 0.25–3.0mm fiber
- Using 304 stainless steel single needle, fixed more firmly, no rust
- Sealing at both ends doesn't drop pins, flame-retardant insulation



FPS-60 Fusion Splice Protection Sleeves

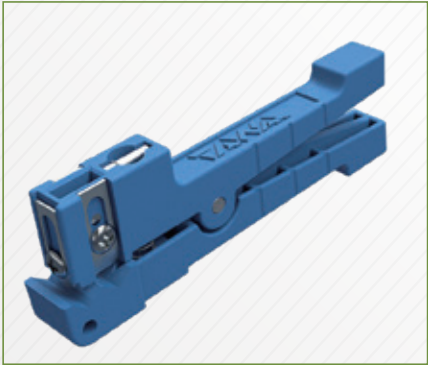
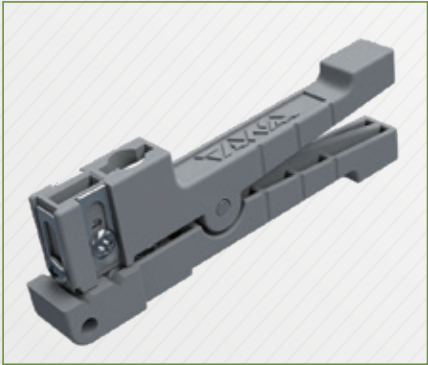
- FPS-60 diameter 3.0 * 60mm
- Suitable for 0.9–3.0mm fiber
- Using 304 stainless steel single needle, fixed more firmly, no rust
- Sealing at both ends doesn't drop pins, flame-retardant insulation



TFS-40 FTTH Fiber Optic Tool Kit

- Large capacity up to 40pcs practical tools
- High-grade ABS material shell, which is durable
- Separated storage design to protect tools, so that they will not rub against each other
- Suitable for optical fiber communication engineering, transmission room, laboratory, optical cable network

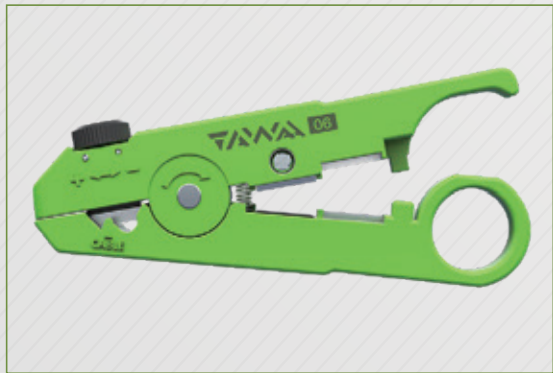
Name	Type	TFS-40D	TFS-40E	TFS-40N
Fiber cleaverv		1	1	N/A
Electrical tape		1	1	1
Fiber optic cleaning platform		1	1	1
Optical power meter		1	N/A	N/A
Wire cable stripper		1	1	1
Hex wrench		1	1	1
Hammer		1	1	1
Mid-span access tool		1	1	1
Visual fault locator		1	N/A	N/A
Knife		1	1	1
Kevlar cutter		1	1	1
Fiber optic stripper		1	1	1
3-hole Fiber optic stripper		1	1	1
RCS round cable splitter		1	1	1
Screwdriver (built-in head \ sleeve)		1	1	1
45-162 Coax cable stripper		1	1	1
Test pencil		1	1	1
Mark pen		1	1	1
Bolt cutters		1	1	1
Tape measure		1	1	1
Diagonal cutting pliers		1	1	1
Steel wire pliers		1	1	1
Long nose pliers		1	1	1
Wrench		1	1	1
Mini hand saw		1	1	1
Carry case (contains EVA-hardened material)		1	1	1



45-162 Coax Cable Stripper 45-163 Coax Cable Stripper 45-165 Coax Cable Stripper

- 45 series Coax cable strippers are ideal tool for vertical and horizontal cutting and stripping of the loose tube of optical fiber. The depth of the blade is adjustable to ensure that the fiber is not damaged. Two horizontal square blades and one vertical circular blade, which can cut both horizontally and vertically. Compact & small size, easy to operate, the product is also suitable for twisted pair, tightly wrapped twisted cable, CATV cable, CB antenna cable, SO/SJ/SJT and other forms of power cables.

Type	45-162	45-163	45-164
Diameter	0-3.2mm	3.2-5.6mm	4.8-8mm
Blade specifications	3 Straight edge blade+1Arc edge blade		
Weight	18g		
Size	86mm		



06 Cable Slitter & Ring Tool

- Quenched with SK-5 material
- ABS body , the built-in spring is light & labor-saving
- Suitable for UTP & STP or Flat multiple transmission lines
- Rotary blade adjuster to control the cutting depth of the blade to avoid damage the cable



Strip wire, cable, fiber cutting edge



Cut flat line cutting edge



Strip flat line cutting edge



Strip 3.00mm drop cable



Stripe fiber cable



Strip ethernet cable



Stripe coaxial cable



07 Multi-function Cable Stripper

- Blade is quenched with SK-5 material
- Suitable for coaxial cable RG-59/6/7/11 wire
- The knife mold can be replaced, with stripping and cutting functions
- Turntable blade adjuster to control the cutting depth of the blade to avoid damage to the cable



Strip wire,
cable, coaxial blade



Cut flat line
cutting edge



Strip flat line
cutting edge



Strip coaxial
cable



Strip ethernet
cable



08 Multi-function Cable Stripper

- Built-in spring is light and labor-saving
- Blade is quenched with SK-5 material
- With cutting and stripping functions, suitable for use with different network cable
- Turntable blade adjuster to control the cutting depth of the blade to avoid damage to the cable



Strip wire, cable, fiber cutting edge



Cut flat line cutting edge



Strip flat line cutting edge

Ring cut



Strip 3.00mm
drop cable



Strip
fiber cable



Strip
ethernet cable



Strip
coaxial cable

Cross cut



Strip 3.00mm
drop cable



Strip
fiber cable



Strip
network cable

Hand Tools



PLIER-6G
Steel Wire Pliers

- Suitable for electronic and electrician, telecommunications, mechanical maintenance, cutting wires and iron wires, Etc.



PLIER-6J
Steel Wire Pliers

- Suitable for electrical production line, electrical appliances, etc general electronic line cutting industry.



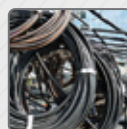
PLIER-6X
Diagonal Cutting Pliers

- Suitable for rubber for cutting soft wires or plastic insulation layer, cutting wire, iron wire.

Type	PLIER-6G	PLIER-6J	PLIER-6X
Specifications	6 Inch		
Length	168mm	165mm	165mm
Material	Imported alloy steel		
Feature	1. TPR two-color anti-slip handle design, comfortable grip 2. Flexible opening, time and effort saving, efficient and durable 3. Precision hand pliers, knife edge special hardening treatment , wear-resistant and durable		

MGD-A Utility Knife

- Blade is quenched with SK-4 alloy material & Sharp edge
- The tool rest is forged from zinc alloy steel with high hardness
- Anti-slip rubber synthetic handle design, comfortable grip
- Used for cutting cable, optical cable, fiber jacket, etc
- The tail adopts the hanging hole design, easy to carry, suitable for a variety of scenarios



Optical cables



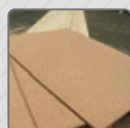
Electric cable



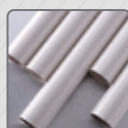
Electric wire



FTTH cable



Cork



Plastic pipe



Aluminum alloy



Stainless steel pipe

HKW-A Mini Hand Saw

- Made of aluminum alloy, strong and sturdy
- Sharp edge, high hardness, easy to use
- Soft metals such as cork, plastic pipe, aluminum, etc
- Width of the saw blade is 10-15 mm, and the saw blade can be installed and removed
- Soft rubber non-slip handle, easy to hold, comfortable hand feeling



Make it easy



Website

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