JBC

www.jbctools.com

INSTRUCTION MANUAL

WS140

High-Temperature Precision
Wire Stripper Tweezers

This manual corresponds to the following reference:

WS140-A

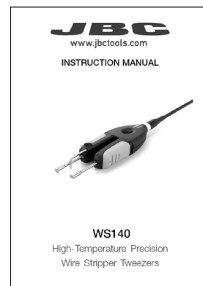# Packing List

The following items are included:

High-Temperature Precision Wire Stripper Tweezers .... 1 unit

Screw Driver ....1 unit
Ref. 0023511

Metal Brush..1 unit
Ref. 0022793

Manual .... 1 unit
Ref. 0025147

Features and Connections

WS
Control Unit
(not included)

USB Connector

110-130V
50/60Hz
www.jbctools.com
WS Power 90W
Main Fuse T1.25A
Serial 236495-051
Ref. WS-1UA

CE

PORT

Equipotential Connector

Main Switch

Fuse

Power Socket

Stand Cable
Ref. 0024227
(not included)

WSST
Stand for
WS140-A
(not included)

W140
Blade Cartridges
(not included)

WS140
High-Temperature
Precision Wire
Stripper Tweezers

Changing W140 Cartridges

1. Removing
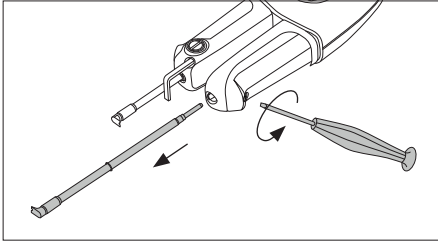
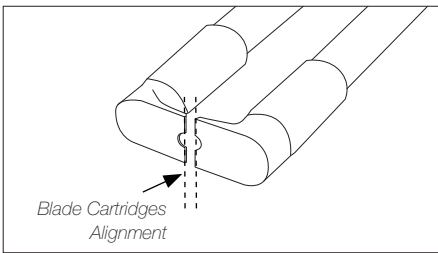Loosen the screws and remove the cartridges.

2. Inserting
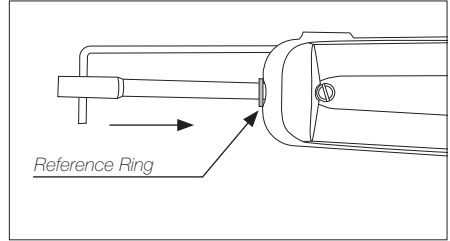
Reference Ring

Insert the cartridge until the reference ring touches the wire stripper. Take the ring as a reference and check that both tips match.
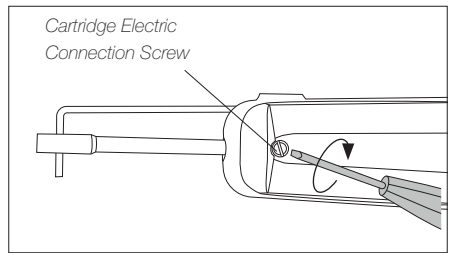
Important: It is essential to insert the cartridge all the way in (up to the ring) for a good connection.

3. Positioning

Blade Cartridges Alignment

Align the tip edges and fix the cartridge in its working position.

4. Fixing

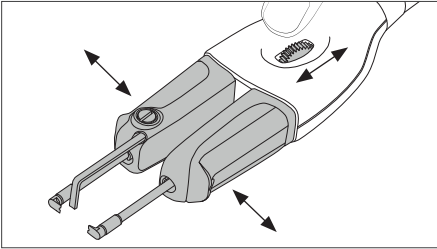*Cartridge Electric Connection Screw*

Tighten the screw.

Important: It is essential to tighten the screws for the tool to function.
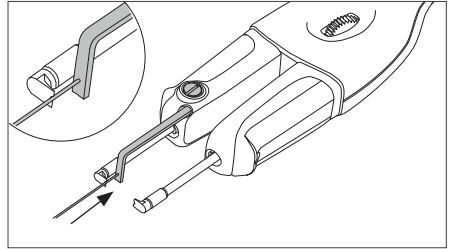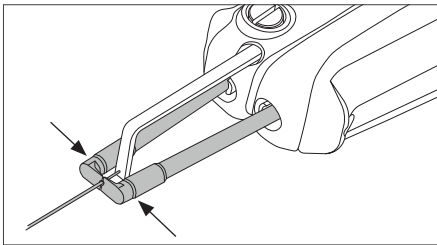
Stripping a Wire

1. Adjust Arm Position

The wheel allows adjusting the wire stripper arm position according to the wire diameter. Move the wheel backward for a wider and forward for a narrower position.

2. Align Wire

Place the wire touching the strip gauge.
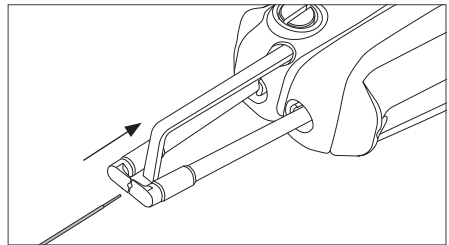
3. Close Cartridges

Choose cartridges according to the wire diameter. Pinch the wire with the blades. The pinched area will be melted by heat.
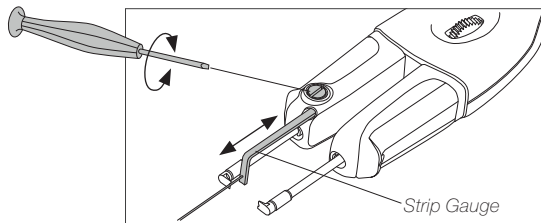
4. Remove Wire

Pull from the wire stripper while still pinching the wire to strip off the wire end.

Adjustable Strip Gauge

Adjust the strip gauge according to your stripping requirements and tighten the screw.

Strip Gauge

Cartridge Range

WS140-A is compatible with **W140** Blade Cartridge Range. Find the model that best suits your soldering needs on **www.jbctools.com.**

Cartridge Ref.	Tip Hole ø mm / in	AWG Solid	AWG Stranded	
W14040G	0,08 / 0,0031	40	x	
W14038G	0,10 / 0,0039	38	x	
W14037G	0,11 / 0,0043	37	x	
W14036G	0,13 / 0,0051	36	x	
W14034G	0,16 / 0,0063	34	36 (7x44)	
W14032G	0,20 / 0,0079	32	34 (7x42)	
W14030G	0,25 / 0,0098	30	32 (19x44)	
W14028G	0,32 / 0,0126	28	30 (7x38)	
			30 (19x42)	
W14026G	0,40 / 0,0157	26	28 (19x40)	
			27 (7x35)	
W14024G	0,51 / 0,0201	24	26 (19x38)	
			26 (10x36)	

9 mm / 0.354 in — 3 mm / 0.118 in

Cartridge Ref.	Tip Hole ø mm / in	AWG Solid	AWG Stranded	
W14022G	0,64 / 0,0252	22	24 (19x36)	
			24 (7x32)	
W14020G	0,81 / 0,0319	20	22 (19x34)	
W14018G	1,02 / 0,0402	18	20 (42x36)	
			20 (19x32)	
			20 (7x28)	

9 mm / 0.354 in — 3 mm / 0.118 in

Cartridge Ref.	Tip mm / in	
W14003F	Flat Tip 3 / 0.118	

9 mm / 0.354 in — 3 mm / 0.118 in

Cartridge Ref.	Tip Hole ø mm / in	AWG Solid	AWG Stranded	
W14016G	1,29 / 0,0508	16	18 (19x30)	5 mm 0.197 in 10.5 mm 0.413 in
W14014G	1,63 / 0,0642	14	16 (7x24)	

Cartridge Ref.	Tip mm / in	
W14005F	Flat Tip 5 / 0.197	5 mm 0.197 in 10.5 mm 0.413 in

If an application requires a special tip design, contact JBC by mail **customtips@jbctools.com** for special blade cartridges.

Accessories

Flat Screw Driver

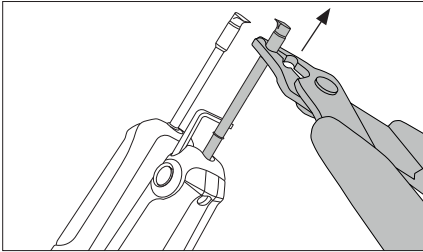To loosen or tighten the wire stripper screws use the JBC Flat Screw Driver Ref. 0023511.

Cartridge Extractor Pliers*

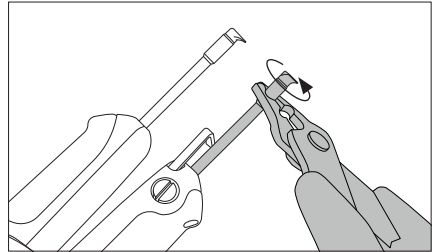To manipulate the cartridges use the JBC Cartridge Extractor Pliers Ref. PLR195. More Information at **www.jbctools.com**

Removing

Remove cartridges with JBC pliers.

Inserting and Positioning

Align cartridges with JBC pliers.

Metal Brush

For cleaning the tips if unwanted material is stuck there. Metal Brush Ref. 0022793.

* not included

Safety

Warning

- Do not touch the blade or the metal parts around.

- Do not leave the blade close to flammable materials.

- Keep your workplace clean and tidy. Wear appropriate protection glasses and gloves when working to avoid personal harm.

- This appliance can be used by children over the age of eight and also persons with reduced physical, sensory or mental capabilities or lack of experience provided that they have been given adequate supervision or instruction concerning the use of the appliance and understand the hazards involved.

- Maintenance must not be carried out by children unless supervised.

- Place the tool on the stand when is not in use.

- Turn off the power when not in use, changing parts or storing.

Caution

- Do not use the wire stripper for other applications than wire stripping.

- Do not modify or customize the wire stripper.

- Do not hit the blade against the workbench to eliminate stripped insulation debris, This behavior would damage the blade.

- Remove power from the tool by holding the plug, not the wires.

- Be careful with the fumes produced when stripping. We recomend to use a fume extractor.

Notes

Notes

Specifications

WS140
High-Temperature Precision Wire Stripper Tweezers
Ref.: **WS140-A**

- Max. Power per Cartridge:	40W
- Cable Length:	1.2 m / 47.2 in
- Total Net Weight:	0.12 kg / 0.26 lb
- Package Dimensions/Weight:	277 x 73 x 50 mm / 0.16 kg
(L x W x H)	10.91 x 2.87 x 1.97 in / 0.35 lb

Complies with CE standard
ESD Safe

JBC

Warranty

JBC's 2 year warranty covers this equipment against all manufacturing defects, including the replacement of defective parts and labour.
Warranty does not cover product wear or misuse.
In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased.

This product should not be thrown in the garbage.
In accordance with the European directive 2012/19/EU, electronic equipment at the end of its life must be collected and returned to an authorized recycling facility.

CE ℮ EAC

www.jbctools.com