

JBC

www.jbctools.com

INSTRUCTION MANUAL



WS440

High-Temperature
Wire Stripper Tweezers

This manual corresponds to the following reference:

WS440-B

Packing List

The following items are included:



High-Temperature Wire Stripper Tweezers 1 unit



Screw Driver 1 unit
Ref. 0023511

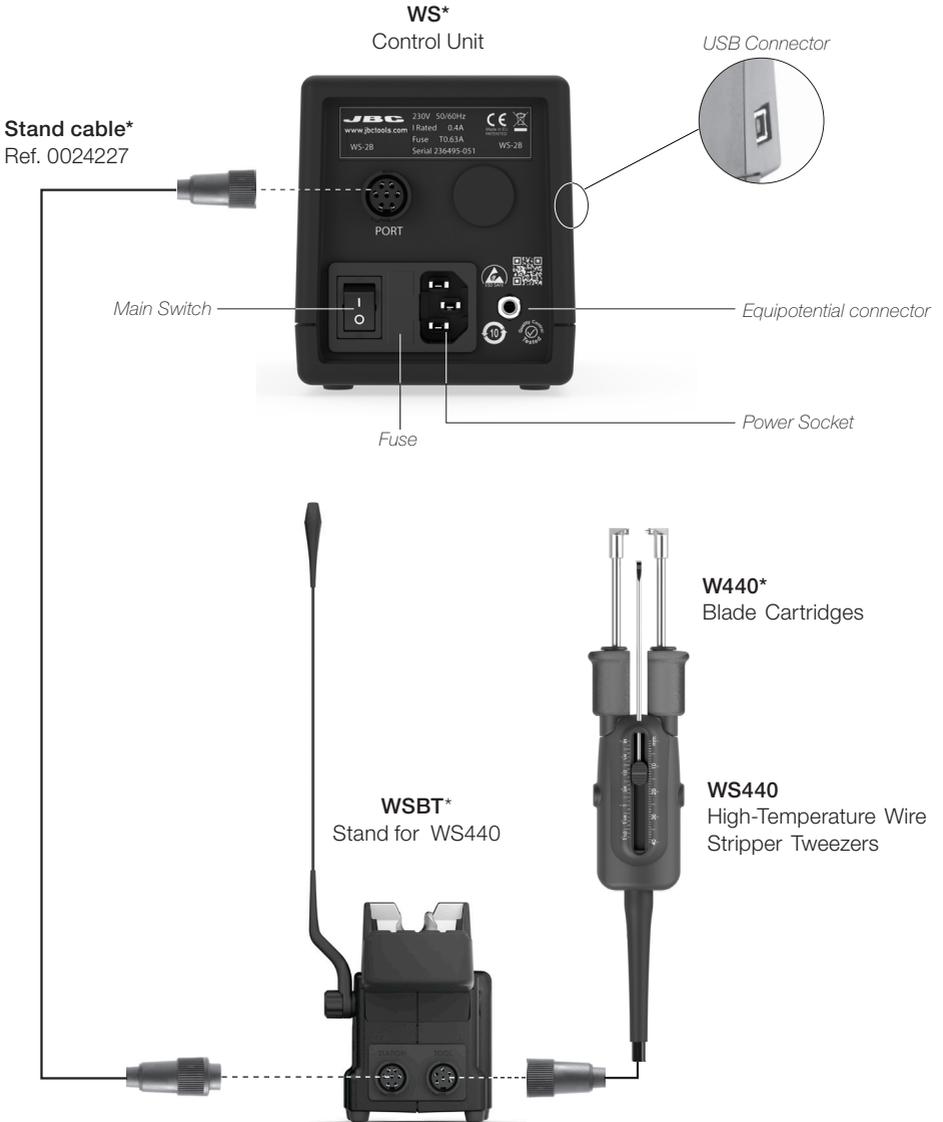


Metal Brush 1 unit
Ref. 0022793



Manual 1 unit
Ref. 0028604

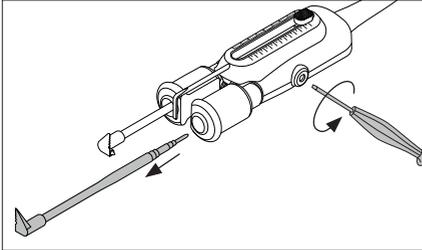
Features and Connections



* Not included, sold separately

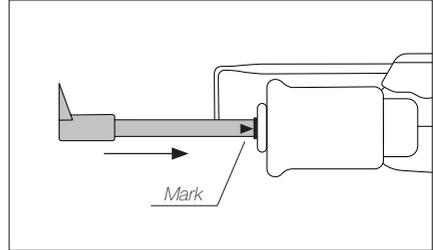
Changing W440 Cartridges

1. Removing



Loosen the screws and remove the cartridges.

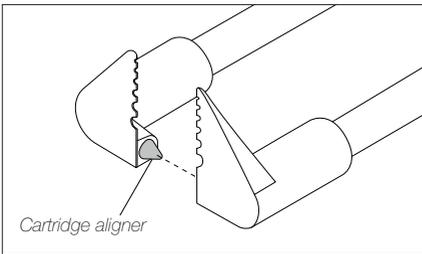
2. Inserting



Insert the cartridge until the reference mark. Take the mark as reference and check that both tips match.

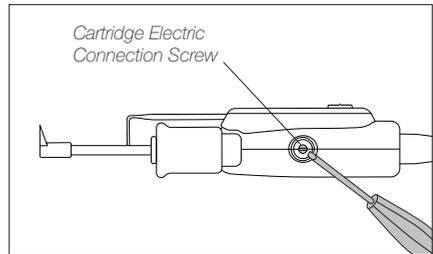
Important: It is essential to insert the cartridge up to the mark for a good connection.

3. Positioning



Align the cartridges in working position using a flat pliers (JBC Pliers PLR195). The conical cartridge aligner helps centering both cartridges and ensure a good functionality.

4. Fixing

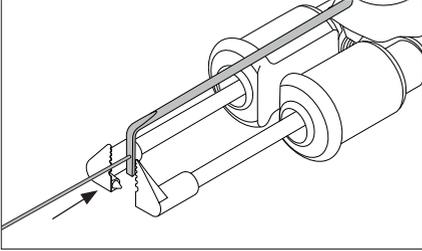


Fix the cartridges in its working position by tightening the screw.

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

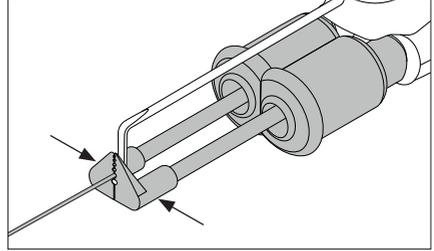
Stripping a Wire

1. Align the Wire



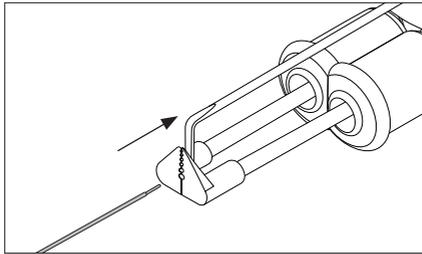
Place the wire touching the strip gauge.

2. Close the Cartridges



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

3. Remove the Wire



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

Adjustable Strip Gauge

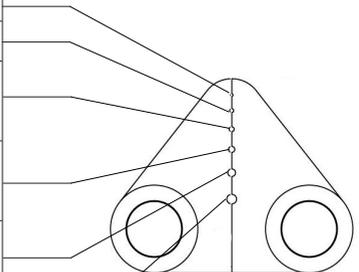
Adjust the strip gauge according to your stripping requirements.

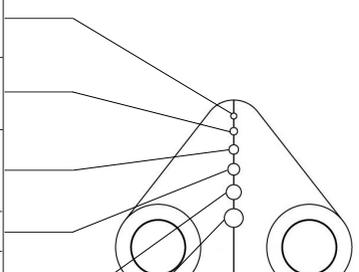


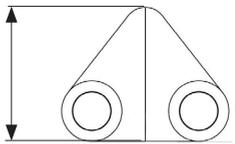
Cartridge Range

WS440 is compatible with **W440** Blade Cartridge Range. Find the model that best suits your soldering needs on www.jbctools.com.

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

Cartridge Ref.	Tip Hole ø mm / in	AWG Stranded	AWG Solid	
W440021	0,16 / 0,0063	36 (7x44)	34	
	0,25 / 0,0098	32 (19x44)	30	
	0,32 / 0,0126	30 (7x38)	28	
		30 (19x42)		
	0,40 / 0,0157	28 (19x40)	26	
		27 (7x35)		
	0,51 / 0,0201	26 (19x38)	24	
		26 (10x36)		
	0,64 / 0,0252	24 (19x36)	22	
		24 (7x32)		

Cartridge Ref.	Tip Hole ø mm / in	AWG Stranded	AWG Solid	
W440023	0,40 / 0,0157	28 (19x40)	26	
		27 (7x35)		
	0,51 / 0,0201	26 (19x38)	24	
		26 (10x36)		
	0,64 / 0,0252	24 (19x36)	22	
		24 (7x32)		
	0,81 / 0,0319	22 (19x34)	20	
	1,02 / 0,0402	20 (42x36)	18	
		20 (19x32)		
		20 (7x28)		
1,29 / 0,0508	18 (19x30)	16		

Cartridge Ref.	Tip mm / in	
W440025	Flat Blade 12,5 / 0.4921	

Accessories

Flat Screw Driver

To loosen or tighten the wire stripped screws use JBC Flat Screwdriver Ref. 0023511.

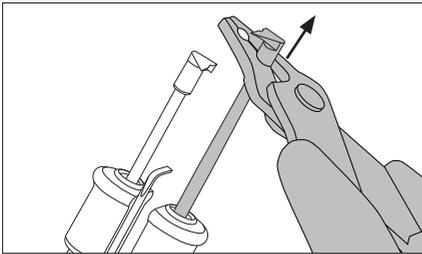


Cartridge Extractor Pliers*

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

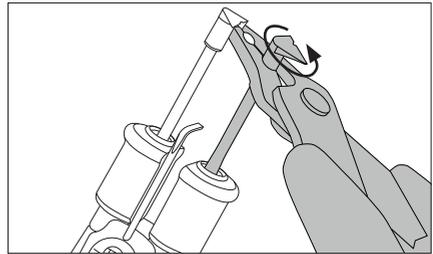


Removing



Remove cartridges with JBC pliers.

Inserting and Positioning



Align cartridges with JBC pliers.

Metal Brush

For cleaning the tips if unwanted material gets stuck in. Metal Brush Ref. 0022793.



* Not included

Grips for WS440*

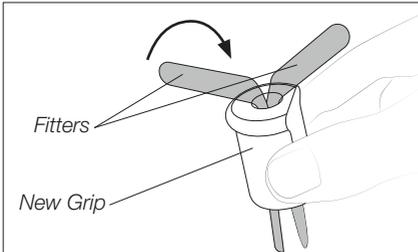
Easily replace the damaged grips using the fitters like shown in the pictures.

W3533
Grips for WS440 Wire
Stripper Tweezers



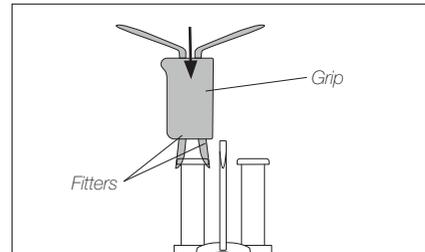
* Not included

1. Inserting Fitters



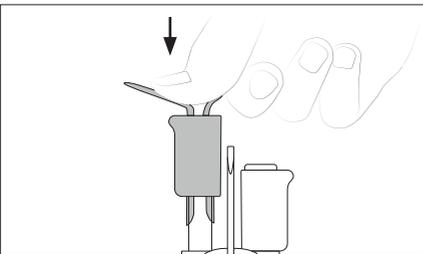
Insert the fitters into the new grip.

2. Placing Fitters



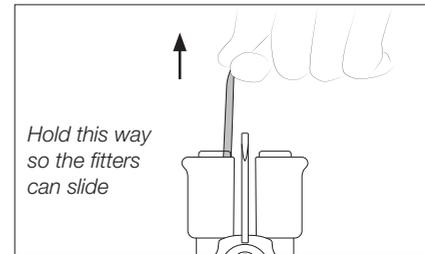
Place the fitters inserted into the grip at the top of the tweezers.

3. Pushing Grips



Push the grip with the fitters onto the tweezers.

4. Removing Fitters



To remove the fitters, hold the grip and pull them out. Use pliers if necessary.

Safety



It is imperative to follow safety guidelines to prevent electric shock, injury, fire or explosion.

Warning

- Do not touch the blade or the metal parts around.
- Do not allow the blade be 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 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 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 our fume extractor.

Specifications

WS440

High-Temperature Wire Stripper Tweezers

Ref.: **WS440-B**

- Max. Power per Cartridge: 40W
- Cable Length: 1.2 m / 47.2 in
- Dimensions / Weight: 97 x 36 x 27 mm / 0.12 kg
(L x W x H) 3.82 x 1.42 x 1.06 in / 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 lb / 0.35 lb

Complies with CE standards.
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.

Get 1 extra year JBC warranty by registering here:
<https://www.jbctools.com/productregistration/>
within 30 days of purchase.



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.



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