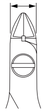
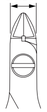
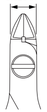
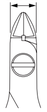
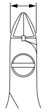
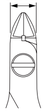
Cutters Range

		Cutting Capacity	Size	Cutting Edge
	HPC413 **Small Oval** Optimum balance between durability and accessibility.	Hard wires up to 0.03-0.6 mm / 48-23 AWG	10 mm / 0.394 in 	Semi Flush
	HPC612 **Large Oval** Strong and durable, for intensive cutting operations.	Medium wires up to 0.1-1.2 mm / 38-17 AWG	12.5 mm / 0.492 in 	Flush
	HPC813 **Extra-Large Oval** Extremely strong and durable, for intensive cutting operations.	Hard wires up to 0.06-1.1 mm / 42-17 AWG	16 mm / 0.629 in 	Semi Flush
	HPC422 **Small Tapered** Slim and optimum balance between durability and accessibility.	Medium wires up to 0.1-1.0 mm / 38-18 AWG	10 mm / 0.394 in 	Flush
	HPC431 **Small Tapered & Relieved** Small pointed head shape to maximize accessibility in limited spaces.	Medium wires up to 0.1-0.4 mm / 38-26 AWG	10 mm / 0.394 in 	Full Flush
	HPC441 **Small Oblique** Angulated cutters to maximize accessibility and visibility.	Medium wires up to 0.1-0.6 mm / 38-23 AWG	10 mm / 0.394 in 	Full Flush

Wire definition:
Soft wire: *copper, aluminium, tensile strength 250 MPa*
Medium-hard wire: *stainless steel, material 1.4301, tensile strength 800 MPa*
Hard wire: *stainless steel, material 1.4301, tensile strength 1800 MPa*

High-Precision Cutters & Tweezers

Better accessibility and visibility in confined areas

JBC The Soldering Co.

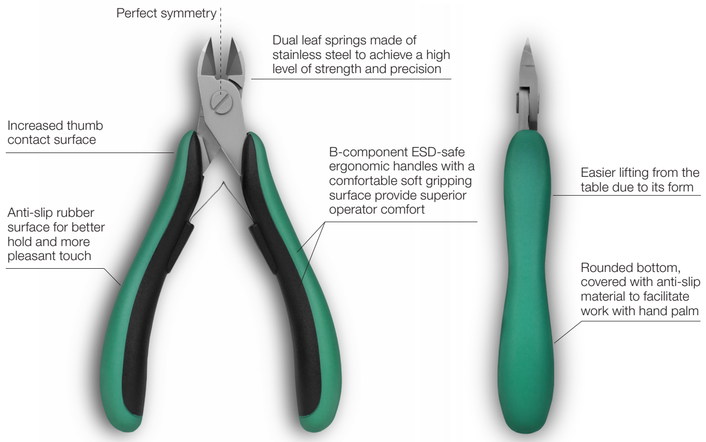
ESD safe

www.jbctools.com |

0038558/1125

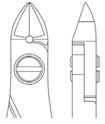
High-Precision Cutters

Precision tools with an ergonomic design that ensure comfort and control.

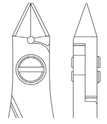


Shapes

Find the perfect cutter to meet your specific requirements.



OVAL
Small robust, slim shape and **optimum balance between durability and accessibility.**



TAPERED
Small pointed head shape, slim and optimum balance between durability and accessibility.

TAPERED & RELIEVED
Small pointed head shape and deep relief for a very low profile to **maximize accessibility in limited spaces**.

OBLIQUE
Angulated cutters to **maximize accessibility and visibility** in limited spaces.

High-Precision Tweezers

When it comes to tasks that demand the utmost precision, nothing beats the accuracy and reliability of high-precision tweezers.

Which best suits your needs?

Improve the ergonomics of your tweezers and enhance the operator comfort.

EPOXI
A black ESD-safe epoxy coating ensures electrostatic discharge, greater comfort and resistance to rust.

RUBBER
The rubber grip provides full ESD-safe dissipation, ensuring safety and comfort during repetitive use.

Tip Shapes

Different tip shapes are engineered to provide the right balance of precision, control and comfort for every application.

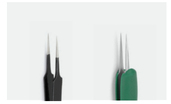
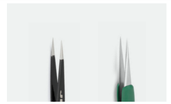
ROUND
Suitable for applications which require **holding a flat component** firmly.

SQUARED
Used for applications which require **holding** a component **firmly**.

POINTED
Suitable for applications which require holding a **small component firmly while granting good visibility.**

SHARP
Suitable for holding a **small component firmly while granting good visibility.**

Tweezers Range

		Tip Size		Tip Shape
	Provide both strength and accuracy for demanding tasks.	**HPTE00SA** **Epoxi** Width: 0.5 mm / 0.02 in Thickness: 0.5 mm / 0.02 in	**HPTR00SA** **Rubber** Width: 0.85 mm / 0.033 in Thickness: 0.5 mm / 0.02 in	Squared
	Offer a firmer grip and greater practicality.	**HPTE3CSA** **Epoxi** Width: 0.4 mm / 0.016 in Thickness: 0.25 mm / 0.01 in	**HPTR3CSA** **Rubber** Width: 0.18 mm / 0.007 in Thickness: 0.12 mm / 0.005 in	Pointed
	Provide excellent control for detailed work.	**HPTE5SA** **Epoxi** Width: 0.30 mm / 0.012 in Thickness: 0.25 mm / 0.01 in	**HPTR5SA** **Rubber** Width: 0.11 mm / 0.004 in Thickness: 0.06 mm / 0.002 in	Sharp
	Provide both comfort and accuracy during extended use.	**HPTE7SA** **Epoxi** Width: 0.30 mm / 0.012 in Thickness: 0.25 mm / 0.01 in	**HPTR7SA** **Rubber** Width: 0.16 mm / 0.006 in Thickness: 0.09 mm / 0.004 in	Pointed
	Combine strength and precision for specialized tasks.	**HPTE2ASA** **Epoxi** Width: 2.20 mm / 0.087 in Thickness: 0.20 mm / 0.008 in	**HPTR2ASA** **Rubber** Width: 1.90 mm / 0.075 in Thickness: 0.11 mm / 0.004 in	Round
	The short body allows a firmer grip combined with greater practicality.	**HPTE0C9SA** **Epoxi** Width: 0.14 mm / 0.006 in Thickness: 0.08 mm / 0.003 in	**HPTR0C9SA** **Rubber** Width: 0.14 mm / 0.006 in Thickness: 0.08 mm / 0.003 in	Sharp

Cutting Tweezers Range

HPS15AGW
Strong Baldes
Designed to apply moderate cutting force.

HPS15ARW
Short Rounded Blades
Designed to grant maximum visibility.