



Let us  
make  
your  
job  
easier



**JBC**  
Catalogue



## **ESD** safe

All JBC products comply with EC regulations  
and the ESD recommendations.



## THE POWER OF EXPERIENCE

**More than 80 years of experience** have placed JBC at the technological forefront of tools for soldering and rework operations in electronics.

Innovation, efficiency and reliability are the key features of a wide range of products which have been designed to satisfy the most demanding requirements of professionals.

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## HIGH TECHNOLOGY, SUPERIOR QUALITY

**Making the products perfect is** one of the main objectives of JBC's improvement and development program. The R&D department has created the most innovative soldering technologies, which JBC is proud to present in this catalogue.

All JBC products comply with EC regulations and ESD recommendations.

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## A GLOBAL ORGANIZATION AT YOUR SERVICE.

**JBC is a global company** with a distributor network spanning 5 continents that guarantees a solid commercial organization with a quick and efficient service.

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# WHY BUY JBC

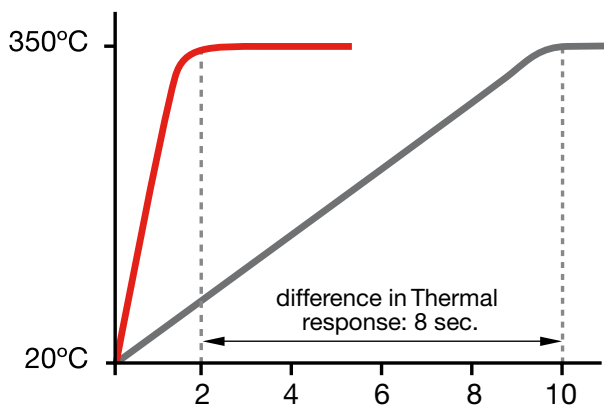


In the modern era, when lead is less environmentally acceptable as a component of soldering alloys, JBC offers the highest performance and the necessary tip temperature

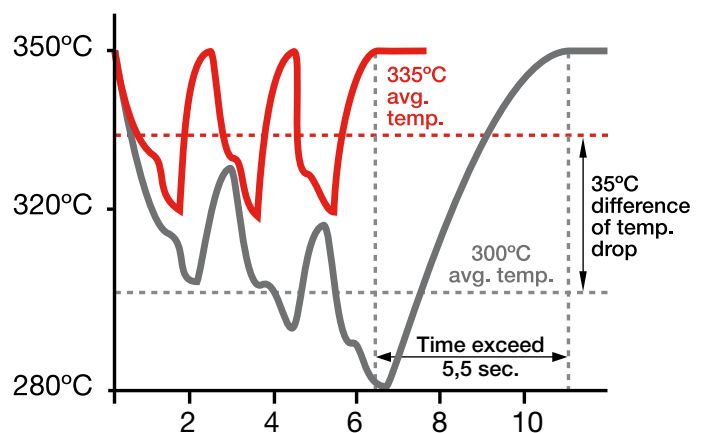
## The **JBC** Exclusive Heating System

Quick Temperature recovery, great efficiency at work

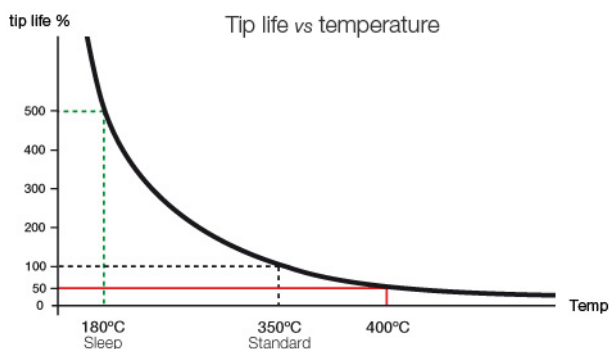
While other soldering irons require from 10 to 90 seconds to reach the recommended 350°C, JBC's fastest stations require only 2 seconds, cutting down your assembly time and making the soldering process even more efficient.



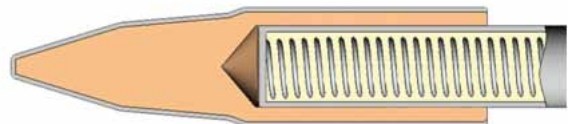
The recovery time is also significantly reduced. Other soldering irons continually drop in temperature with incomplete recovery between solder joints but JBC loses 35°C less heat per use.



JBC stations incorporate Sleep & Hibernation functions that lower tip temperature when the tool is not used. As a result, JBC's Tip life last up to 5 times longer.



JBC soldering irons use a fully integrated thermal sensor to the heating element which is controlled by a microprocessor and ensures an extremely quick temperature recovery. Other brands with twenty-year-old technology simply cannot compete.



Ask for a free demo and see for yourself the  
JBC Exclusive Heating System and its outstanding thermal performance.  
No tool from other competitors achieves the same!



Improved Product Range that makes your job easier

## Ergonomic Tools

Comfortable & light

JBC's wide range of tools features soldering and rework irons that guarantee maximum efficiency. The short distance tip to grip allows you greater control and the highest precision. JBC tools are currently the smallest, the lightest and the most ergonomic.



## Constant Product Innovation

Our Commitment

Innovation, efficiency and reliability are the key features of a wide range of products which have been designed to satisfy a professional's demanding requirements. The R&D department has created the most innovative soldering solutions in response to customer feedback.

## 400 Cartridge Shapes

New models to suit your needs

The most complete cartridges & tip range with many shapes and sizes offering excellent heat transfer, instantaneous heating up and great durability. Each one perfectly suits any job to obtain the best performance when working.

## Communication Station-PC

The freedom to manage your work remotely

JBC has developed the most innovative technology to take your work beyond the station. The incorporation of a USB connector on all stations and the new control units for robots allows you to manage your job remotely from a PC.

## Easy Cartridge extraction

Save time & Increase productivity

Save time by using the quick cartridge extractor, which is available in all stands and compact stations. This system designed by JBC allows the user to change cartridges quickly and safely without turning (no full stop) the station off and enables you to work on different applications.



# COMPACT line Stations

Everything you need in the minimum footprint

The JBC Compact stations bring together the Control unit, the Stand and the Tip Cleaning System in the same equipment. By using the JBC Exclusive Heating System, these stations work with a specific tool to optimize the thermal performance in any soldering or desoldering job.



## PROCESS CONTROL

The User Friendly Menu allows you to personalize over 20 parameters to help manage the soldering process. Set temperature limits, check usage counters, lock the station with a PIN or program Sleep & Hibernation features.

Quick Tip Changer

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Process Control

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## INTELLIGENT HEAT MANAGEMENT

The stations incorporate the Sleep & Hibernation features that lower tip temperature when the tool is placed on the adjustable stand. As a result, a JBC tips life lasts up to 5 times longer than other brands.

Communication Station-PC

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## COMMUNICATION STATION-PC

JBC wants to take you beyond the station via an USB connection to your computer. You can update station software, create graphs of the soldering process and manage or monitor parameters via your PC.



## QUICK TIP CHANGER

Save time and increase productivity by using the quick cartridge changer. Simply insert the cartridge, remove it and introduce a new one without having to turn off the station. This means you can work on different soldering jobs at the same time.



## TIP CLEANING SYSTEM

With the most complete cleaning system you can safely choose from 3 methods depending on the necessity: metallic wool, sponge or metal brush. With the integrated wiper you can remove excess solder by gently tapping.



AP130  
Solder Feed Iron

DS360  
Micro Desoldering

**Suit position**

JBC stations are designed to suit the user's work position. The tool stand and the cable collector are easily adjustable.

**Cable collector**

Keeps working area free of cable.

**Intelligent Heat Management****Tip Cleaning System**

Soldering Iron

T245  
Handpiece

T210  
Precision Handpiece

PA120  
Micro Tweezers

# Soldering and Desoldering stations

## CD Soldering station · 230V

The CD Soldering Control units feature large back-lit graphic displays that show important information at a glance. Any changes to the original setting can be easily made on the display menu. All settings can be locked by PIN.

### Basic specifications

Output Peak power:	CD-BC 130W CD-SC 40W
Sleep power:	10W
Hibernation power:	6W
Temperature range:	90-450° C

### CD-2BC Soldering station

For general electronics jobs

**Included** CD Control unit  
T245-A Handpiece  
C245-903 & C245-741 Cartridges

### CD-2SC Precision Soldering station

For precision solder applications

**Included** CD Control unit  
T210-A Precision Handpiece  
C210-001 & C210-008 Cartridges



## CF-2C Solder Feed station · 230V

Designed for repetitive soldering or when you need a free hand. Equipped with Solder Feed Iron of 1mm diameter.

### Basic specifications

Output Peak power:	130W
Sleep power:	10W
Hibernation power:	6W
Temperature range:	90-450° C

**Included** CF Control unit  
AP130-A Solder Feed Iron  
C130-403 Cartridge



## CP-2C Micro Tweezers station · 230V

For soldering and desoldering SMD components with Micro Tweezers

### Basic specifications

Output Peak power:	80W
Sleep power:	10W
Hibernation power:	6W
Temperature range:	90-450° C

**Included** CP Control unit  
P120-A Micro Tweezers  
C120-002 Cartridge (x2)



## CS/CV Desoldering station · 230V

Desoldering stations with Electric or Pneumatic Suction Systems

### Basic specifications

Output Peak power:	40W
Sleep power:	15W
Hibernation power:	6W
Temperature range:	180-450° C

### CS-2C Electric system

**Included** CS Control unit  
MS-A Electric Suction Module  
DS360-A Micro Desoldering Iron  
C360-004 Tip

### CV-2C Pneumatic system

**Included** CV Control unit  
MV-A Pneumatic Suction Module  
fed by compressed air max. 6 bar.  
DS360-A Micro Desoldering Iron  
C360-004 Tip





# MODULAR line Stations

Build your own station according to your soldering and rework needs

All components can be easily combined to get your complete personalized set-up.

You can choose different control units according to the number of tools you need and every unit accepts any JBC tool.

For a basic working system, you need  
1 control unit, 1 stand, 1 tool and 1 cartridge.





## Control Units



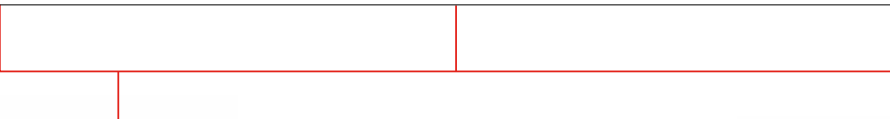
**DI**  
1 tool



**DD**  
2 tools



**DT**  
4 tools touchscreen



**MS / MV**  
Desoldering Suction Modules



**PS**  
Power Supply



## Stands



**CL9885**  
Tip Cleaning  
Stand



**AD**



**AP**



**PA**



**HT**



**DS**



**DR**

## Tools



**T210**  
Precision  
Handpiece



**T470-A**  
Comfort  
Handpiece  
us



**T245**  
Handpiece



**AP130**  
Solder Feed  
Iron



**PA120**  
Micro  
Tweezers



**HT420**  
Thermal  
Tweezers



**DS360**  
Micro  
Desoldering  
Iron



**DR560**  
Desoldering  
Iron

# Control Units

## DI 1 Tool Control unit · 230V

The DI features a digital read-out display for accurate temperature and tool control.

The Control unit features adjustable Sleep & Hibernation modes, as well as adjustable temperature settings.

All values can be locked by PIN.

All JBC tools are fully connectable to all Control units (use corresponding stands for tools), including DR560 Desoldering Iron & DS360 Micro Desoldering Iron in combination with either JBC's Suction Modules MS-A or MV-A.

## DI-2B 1 Tool Control unit

This Control unit was designed for production and rework applications for low to medium thermal requirements.

### Basic specifications

Output Peak power:	130W
Sleep power:	10W
Hibernation power:	8W
Temperature range:	90-450 °C
Weight:	2 kg

### For a basic working system the following is needed:

- 1 Control unit
- 1 Tool with its corresponding Stand & Cartridge or Tip.



## MS & MV Desoldering Suction Modules

These Modules are indispensable for a complete Desoldering process.

The Control unit regulates the temperature, while the Suction Module sucks in the solder.

### MS-A Electric Suction Module

The Electric Suction Module with overdrive startup function that offers quick collection of solder before it cools down.

This Suction System is regulated by the Control unit.

#### Basic specifications

Power:	12W
Supply:	24V
Weight:	1,2 Kg

### MV-A Pneumatic Suction Module

The Pneumatic Suction Module uses compressed air and a Venturi valve.

The system offers outstanding desoldering results because of its immediate suction response.

#### Basic specifications

Power:	3W
Supply:	24V
A pressure:	4-6 Bar
Weight:	0,7 Kg



## DD 2 Tools Control unit · 230V

The DD manages different tools simultaneously and offers full connectivity to any JBC tools.

This means the user can build his own soldering or rework station depending on the task. This Control unit manages each tool's parameters independently such as temperature limits or the Sleep & Hibernation modes. All values can be locked with a PIN.

The DD features a TFT color screen which can be tilted to suit user's viewing angle and provides connections to extend functionalities: Peripheral modules, PC communication and Robotic system compatibility.

### DD-2C 2 Tools Control unit

This control unit offers connectivity for working with 2 tools simultaneously.

#### Basic specifications

Output peak power:	150W
Sleep power:	20W
Hibernation power:	10W
Temperature range:	90-450°C
Weight:	3,6 kg
Screen:	TFT 2,8" (240 x 320 px)

#### For a basic working system the following is needed:

- 1 Control unit
- 1 Tool with its corresponding Stand & Cartridge or Tip

#### Temperature levels

You can set up to 3 temperature levels. Quick access if this option is activated



#### TFT screen with capacitive keyboard

This large TFT 2.8" color display facilitates the user interaction.

The menu is intuitive and easier to use thanks to the improved interface usability.

The working screen shows at a glance the **selected tool** with its corresponding port, the tip's **working temperature** and the **power** indicator.

The user can adjust the temperature at any time.



The user can tilt the display to suit the viewing angle.



#### USB-A port

The latest software can be downloaded from [www.jbctools.com](http://www.jbctools.com) by using a USB device.



#### Peripheral connector

Work simultaneously with 4 tools and with up to 8 peripherals (4 modules + 4 pedals)

#### USB-B port

By using this port and HUB, the user can monitor and manage several stations from one PC.



#### Robot connector

RJ-12 output for a RS-232 connection with a protocol for robots.

This option requires an external robotic system in which the robot manages the JBC control unit.

JBC does not manufacture robotic systems nor special solder reels for robots like the one shown in the photo.

## DT 4 Tools Touchscreen · 230V

The DT Touchscreen Control unit allows you to work with up to 4 tools simultaneously.

By using the TFT screen + intuitive interface, you get faster access to the main menu and obtain useful information at a glance.

It provides different connectors to extend functionalities: Peripheral modules, Full communication station-PC (including one RJ-45 LAN port to manage and monitor parameters) and Robotic system compatibility.

In addition, DT station allows you to create a Soldering Net by linking up to 3 PS Power Supply Control units.

### Additional features

Partial counters, Clock, Calendar, Calculator, Note book, Alarm, Unit converter, Catalogue, Manuals and Videos. This Control unit also offers 6 language options (English, French, German, Italian, Spanish, Chinese and others coming soon).

### DT-2A 4 Tools Touchscreen

This control unit allows you to work simultaneously with 4 Soldering or Desoldering Irons.

### Basic specifications

Output peak power :	160W
Sleep power:	20W
Hibernation power:	10W
Temperature range:	90-450°C
Weight:	4,4 kg
Screen:	TFT 3.5" and 240 x 320 pixels

### For a basic working system the following is needed:

- 1 DT Control unit
- 1 Tool with its corresponding Stand & Cartridge or Tip





## PS Power Supply · 230V

The DT Touchscreen station allows you to link up 3 different PS Power Supply Control units which work with up to 4 tools simultaneously. Each PS joins its 4 ports with pedals and modules such as the MN Nitrogen Flow Regulator, the MS/MV Desoldering Suction Modules or the FS Fume Extractor.

The IM2496 Intelligent Peripheral is needed to connect modules and pedals to the corresponding port.

The P-005 Pedal makes the tool enter sleep or extractor mode, which means the power supply is cut to allow the tip to cool down to room temperature. The pedal can also be set to enable/disable the module which it is connected to.

### PS-2A Power Supply

PS Power Supply Control unit allows you to create a Soldering Net when used with DT Touchscreen.

#### Basic specifications

Output peak power :	160W
Sleep power:	20W
Hibernation power:	10W
Temperature range:	90-450°C
Weight:	4,3 kg

#### For a basic working system the following is needed:

- 1 PS station
- 1 DT Control unit
- 1 Tool with its corresponding Stand & Cartridge or Tip



RJ-12 output for RS-232 connection

# Peripheral Connections

Work simultaneously with 4 soldering or desoldering tools and with up to 8 peripherals (4 modules + 4 pedals).



### IM2496 Intelligent Peripheral

The peripheral connections of JBC's stations increase your soldering options

The DD and DT stations allows you to link up different IM2496 intelligent peripherals which join station ports with modules such as the MN Nitrogen Flow Regulator, the MS/MV Suction Modules or the FS Fume Extractors.

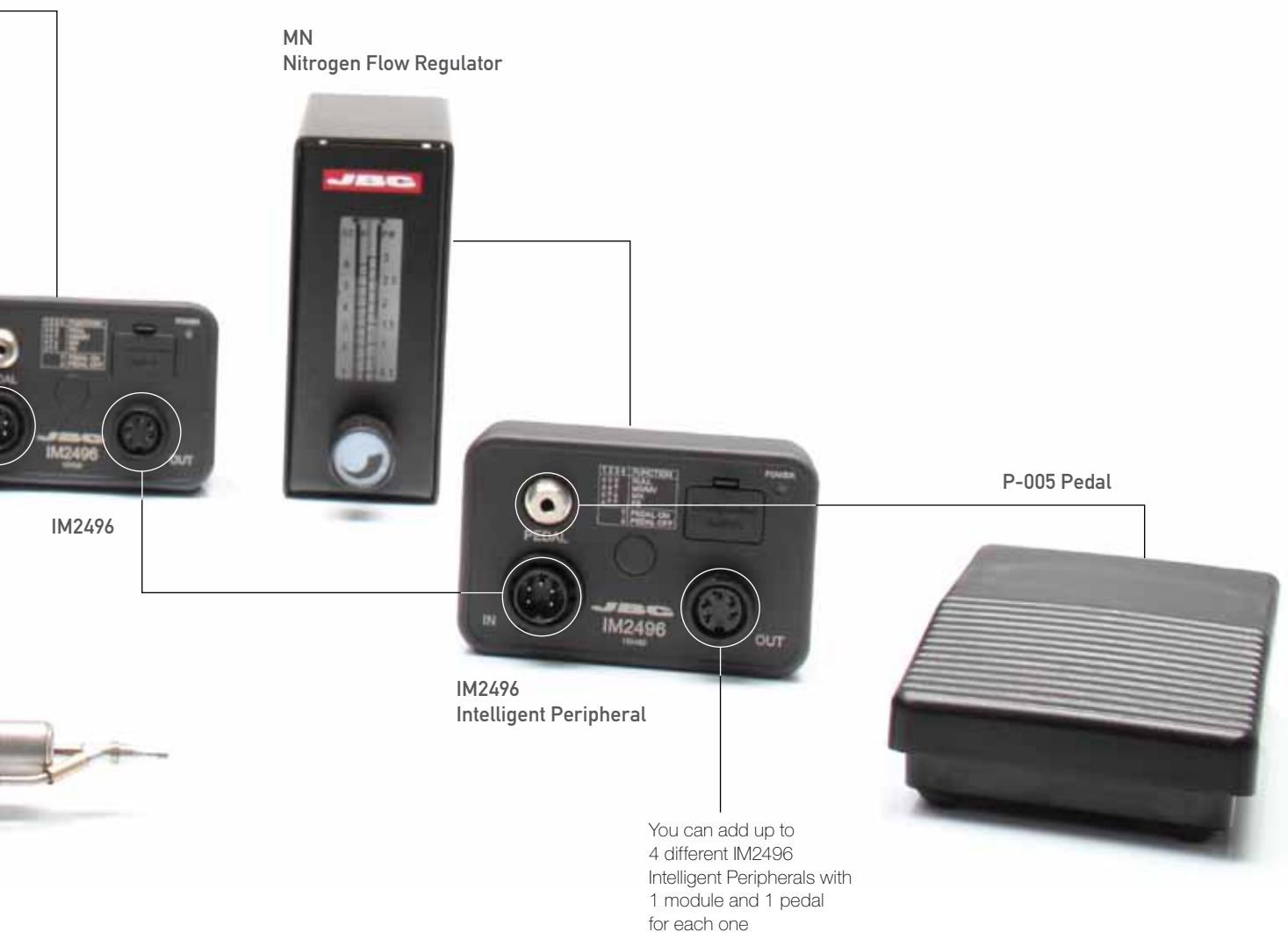
You can connect a pedal to each port to make the tool enter in sleep or in extractor mode.

The extractor mode means the power supply is cut to allow the tip to cool down to room temperature.

The pedal can also be set to enable/disable the module which it is connected to.

#### For a basic working system the following is needed:

- 1 DD or DT Control units
- 1 Tool with its corresponding Stand & Cartridge or Tip
- 1 IM2496 Intelligent Peripheral
- 1 Module
- 1 Optional pedal



# Soldering Net

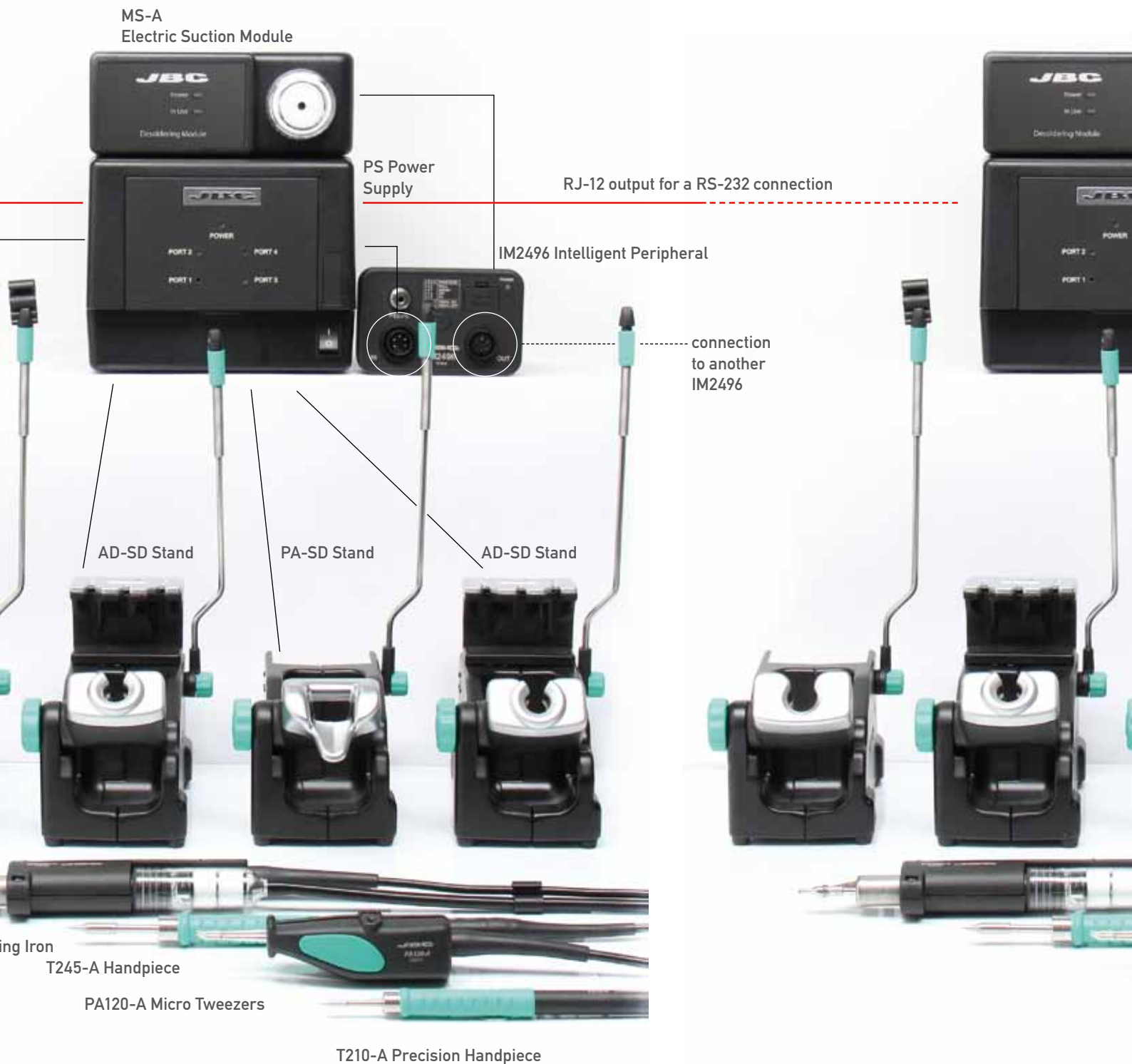
## Extend x4 your DT's working possibilities

The DT Touchscreen Control unit station allows you to link up 3 different PS stations to create a Soldering Net.

Each PS Power Supply and DT Touchscreen join their ports to pedals and modules such as the MN Nitrogen Flow Regulator, the MS/MV Desoldering Suction Modules or the FS Fume Extractor.

The IM2496 Intelligent Peripheral is needed to connect modules and pedals to the appropriate port.





# Stands

JBC's stands feature a line-up covering the range of JBC's Advanced Series Tools.

The stands are placed between the Control unit and the tool for optimum performance, like the temperature reduction in sleep mode when the tool is placed in the stand for extended tip-life and less oxidation.

The cartridge extractor system featured in the stands AD-SD and DN-SD permits switching cartridges without the need to interrupt your work.

All stands can be connected to all Modular line stations.

## AD-SD

For T210 and T245 Handpieces

### Includes

- 3 cartridges extractor for C210 or C245
- Quick Cartridge change
- Sleep mode

### Cable collector

keeps working area free of cable.

### Quick tip changer

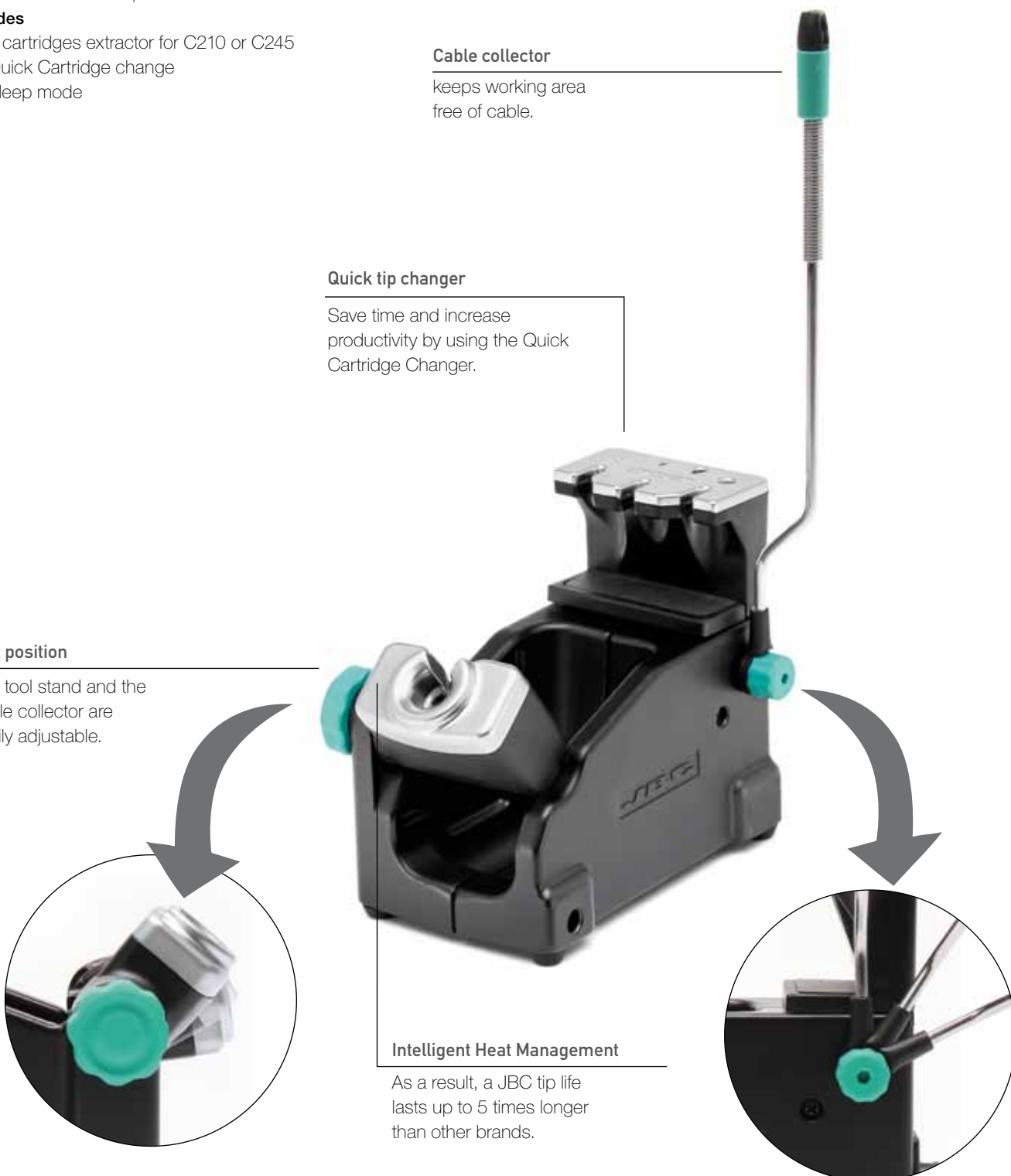
Save time and increase productivity by using the Quick Cartridge Changer.

### Suit position

The tool stand and the cable collector are easily adjustable.

### Intelligent Heat Management

As a result, a JBC tip life lasts up to 5 times longer than other brands.





## Accessories



### **AP-SD**

For AP130-A Solder Feed Iron

#### **Includes**

Sleep mode



### **HT-SD**

For HT420-A Thermal Tweezers

#### **Includes**

Sleep mode



### **PA-SD**

For PA120-A Micro Tweezers

#### **Includes**

Sleep mode



### **DR-SD**

For DR560-A Desoldering Iron

#### **Includes**

Sleep mode



### **DS-SD**

For DS360-A Micro Desoldering Iron

#### **Includes**

Sleep mode



### **DN-SD**

For T245-NA Nitrogen Handpiece

#### **Includes**

Sleep mode

### **A1287 Accesory for the Desoldering Silicon Tube**

Extension accessory for Desoldering Iron.

Includes a cable of 1.5 m length.

### **A1286 Kit extention lead for Stand**

For increased distance between stand and control unit.

Includes a cable of 1.5 m length with corresponding connectors on each side.

### **SC-A Cartridge Stand**

Stand for removal and insertion of up to 12 cartridges of the C245 Cartridge range.

Offers perfect view for quick selection of cartridges.



### **BE-SA Solder reel stand**

The ideal accessory for easy soldering wire supply.

#### **Specifications**

Can be used vertically and horizontally.

For reels in standard DIN sizes.

Capacity: reels of 1 kg and 2,5 Kg max.

Supplied without tin wire.



# Cleaning systems

JBC offers different methods for cleaning tips, designed for removal of oxidation, residues, flux etc.

With the implementation of lead-free soldering it has become necessary to use methods for cleaning tips other than with a simple damp sponge. The damp sponge can be replaced by dry cleaning methods like metal wool or metal brushes. Of all the cleaning methods, the sponge is the least harmful and the brush is the most aggressive. Using either depends on how much residue needs to be removed, which in turn is a result of work temperature and the type of solder.

## CL9885 Tip Cleaning Stand

The Tip Cleaning Stand is designed to be used next to the point of work. With its weight and non-slip base it can be used without having to hold the base down while cleaning the tips.

### Splashguard

It minimises splashing of solder particles when using the metal or brass wool

### CL6210 Brass Wool

Very effective cleaning method. It leaves a small layer of solder on the tip to prevent oxidation between cleaning and rewetting

### S0354 Sponge

The least harmful cleaning method. Keep the sponge damp with distilled water when working to avoid tip wear

### CL0236 Tip Wiper

A temperature resistant receptacle allows the operator eliminate the excess of solder by gently tapping

## Optional Methods

### CL6205 Inox Wool

A stronger cleaning method than brass wool



### CL6220 Brushes

For a more thorough cleaning of the tips



### TT-A Tip Tinner

Chemical system to clean and re-tin the tips



### CL6211 Sand

Only recommended when other methods fail



### CLM4000 Automated Tip Cleaner

The CLM4000 is an Automated Tip Cleaner consisting of 2 motorized brushes that start/stop working when a photoelectric sensor detects the soldering tip at the window. The user just needs to bring the tip gently to the cleaner window and let the system work for as long as necessary. This means less effort and greater comfort.

#### Basic specifications

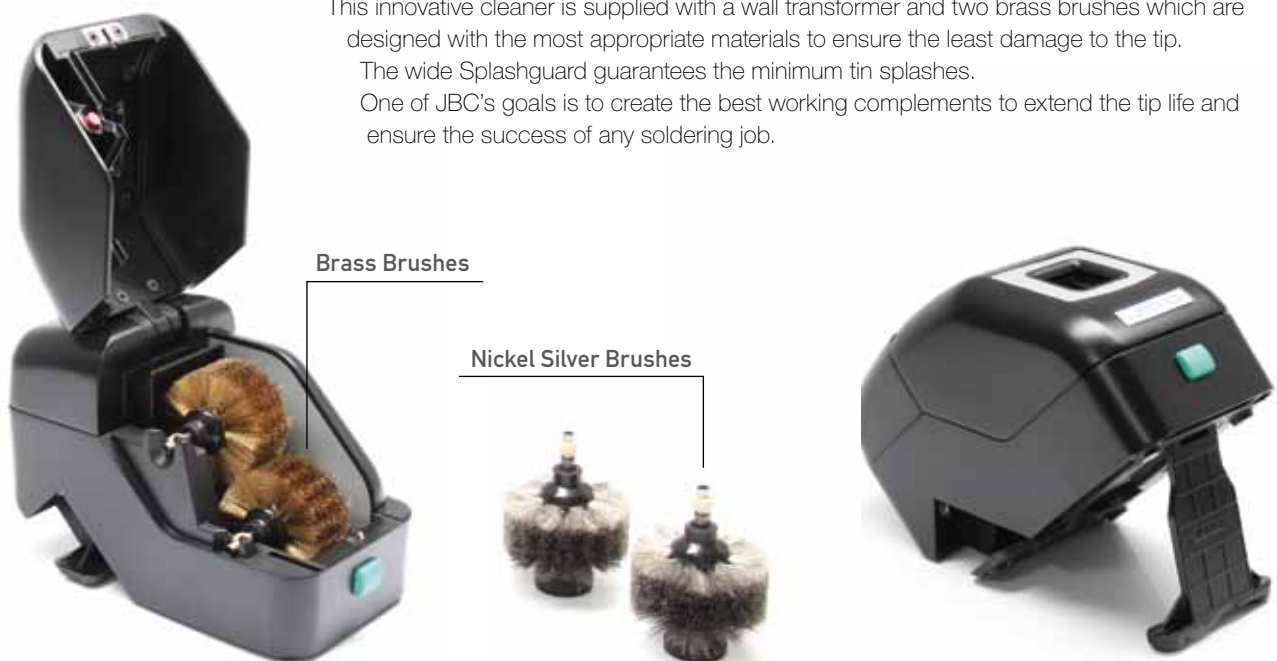
Maximum power:	11W
Standby power:	2,1W
Brush speed:	700 – 1000 rpm
Brush diameter:	50 mm
Weight:	1,1 Kg



This innovative cleaner is supplied with a wall transformer and two brass brushes which are designed with the most appropriate materials to ensure the least damage to the tip.

The wide Splashguard guarantees the minimum tin splashes.

One of JBC's goals is to create the best working complements to extend the tip life and ensure the success of any soldering job.



# Tools

JBC's wide range of tools feature soldering and rework irons that guarantee maximum efficiency. The short distance tip-to-grip gives you more control and the highest precision. JBC tools are currently the smallest, the lightest and the most ergonomic.

## NANO Tools

The smallest soldering tools, designed for the smallest SMD components like chips 0201 and even smaller. Perfect for working with a magnifying glass thanks to its easy handling and reduced weight. Cartridges are interchangeable like all others from the Advanced range, and are capable of giving out 15W of power, in spite of their reduced size.

### NP105-A Nano Tweezers

Perfect for soldering and desoldering very small chip components.  
Uses C105 Cartridges



### NT105-A Nano Soldering Handpiece

For high-precision soldering jobs  
Uses C105 Cartridges



## PRECISION Handpieces

### T210-A Precision Handpiece

For precision applications.  
Uses C210 cartridges.

### F3450 Fume Extractor

For T210 Precision Handpieces



### T210-PA Precision Blue Handpiece

The blue grip allows the user to identify the tool for leaded jobs from the lead-free ones.



## HANDPIECES

T245 Handpieces for general soldering purposes are able to provide up to 160W, if necessary. With appropriate cartridge, it is perfect for both SMD components and for jobs with high power requirements (eg., ground plane soldering). It works with C245 family of cartridges, the largest one.

### T245-A Handpiece



#### F3449 Fume Extractor

For T245 Handpieces

### T245-PA Blue Handpiece

The blue grip allows the user to differentiate the tool for leaded jobs from the lead-free ones.



#### F6457 Fume Extractor

For T470 Comfort Handpieces



## NITROGEN Handpiece

The T245-NA Nitrogen Handpiece offers extra heat to the solder joint and helps prevent tip oxidation. The nitrogen flow must be provided by the GN-A or a nitrogen supply at the operator's bench.

### T245-NA

For Nitrogen Soldering jobs the handpiece incorporates a screw for securing the cartridges.



## COMFORT Handpieces

T470 Handpieces has been specially designed for intensive soldering jobs with high power requirements such as soldering components to large ground planes, production of solar panels, armor and other applications.

### T470-A Comfort Handpiece with screw

It incorporates a screw for securing the cartridges. Ideal for high intensity jobs where NO cartridge change is needed.

### T470-SA Long Handpiece

Supplied with a 3 m length cable.



### T470-FA Comfort Handpiece

It incorporates a grip of insulating material and features a set-screw which prevents the cartridge from rotating.

### T470-MA Long Comfort Handpiece

This model is supplied with a 3 m length cable.



## MICRO & THERMAL Tweezers

### PA120-A Micro Tweezers

The PA120-A are designed for soldering and desoldering SMD micro components. Each cartridge is individually controlled by the control unit, guaranteeing fast heating-up, accuracy and temperature recovery. The C120 range of cartridges is made for desoldering a wide variety of components.

The PA120-A Micro Tweezers can be connect to JBC stations DI, DD, DT and PS Control Units and CP from Compact Line.

Supplied without cartridges.



### HT420-A Thermal Tweezers

The HT420-A are designed specifically for soldering and desoldering small and medium sized SMD components. A cable strip cartridge is also available. Each cartridge is individually controlled by the control unit, guaranteeing fast heating-up, accuracy and recovery of temperature. Uses C420 cartridge range.

The HT420-A Thermal Tweezers connected to JBC station DI, DD, DT and PS Control Units.

Supplied without cartridges.



## SOLDER FEED Iron

### AP130-A Solder Feed Iron

The AP130-A offers a 'third hand' by feeding soldering wire of diameters 0.8 to 1 mm. Specifically suitable for high-volume soldering jobs, and whenever an extra hand is needed.

The iron connects to JBC stations DI, DD, DT and PS Control Units.

Supplied with cartridge C130-403.



**SN5450**

**Solder Reels for AP-A**

Supplied with lead free solder reel - 99% Sn / 0,3% Ag / 0,7% Cu - with 50g solder.

### F1204 Fume Extractor

For AP130-A Solder Feed Iron





## DESOLDERING Irons

### DS360-A Micro Desoldering Iron

The DS360-A Micro Desoldering Iron adapts to the ever-decreasing size of new components. Very easy cleaning and maintenance. Tips are easily inserted with a gentle pushing. Uses C360 Tip Range.

The iron connects to JBC stations CS, CV and DI, DD, DT and PS Control Units using MS or MV Suction Module.

Supplied with C360-004 Tip.



### DR560-A Desoldering Iron

Very easy cleaning and maintenance.  
Two different types of solder residue chambers are available: metal and glass.  
Tips are easily placed by thread.  
Uses C560 Tip Range.

The Desoldering Iron connects to JBC stations DI, DD, DT and PS Control Units using MS or MV Suction Module.

Supplied with C560-003 Tip.



# PREMIUM line Stations

Different equipment designed for a specific soldering or rework job

Premium line stations are designed for extensive industrial use, with extraordinary thermal performance. They are easy to use and built to last.

All stations are ready for immediate use; all stations feature Plug & Play connectivity.

Available equipment for immediate use with all the necessary complements:

- Stackable modules save work space
- JBC tools fully compatible with all control units
- Friendly menu to personalize the soldering process

The range includes different models, from Micro Rework with Nano station to the Highest Power requirements with the Heavy Duty station.





# Soldering stations · 230V

These Soldering stations feature a back-lit graphic displays that shows important information at a glance.

Any changes to the original setting can be easily made via the display menu.

All settings can be locked by PIN.

## **DIT-2B Soldering station**

For general electronic applications

**Included** DI Control unit  
AD-SD Stand  
T245-A Handpiece  
C245-903 Cartridge  
CL9885 Tip Cleaning Stand

## **Basic specifications**

Output Peak power:	130W
Sleep power:	10W
Hibernation power:	8W
Temperature range:	90-450° C
Weight:	4,4 kg

## **DIR-2B Precision Soldering station**

For high and medium precision solder joints

**Included** DI Control unit  
AD-SD Stand  
T210-A Precision Handpiece  
C210-001 Cartridge  
CL9885 Tip Cleaning Stand



### AL-2A Automatic Solder Feed station

The AL Automatic Solder Feed station is the ideal solution for extensive soldering applications, and any soldering application that requires a free hand.

This station automates the soldering process by feeding solder wire, with all the advantages of wire.

#### With the AL-2A Automatic Solder Feed station it is possible to:

- Select length and speed of wire feeding
- Select work cycle: continuous or step-by-step
- Capture and control of hours worked and solder cycles

#### Basic specifications

Output Peak power:	130W
Sleep mode:	10 W
Hibernation mode:	6 W
Temperature range:	90-450 °C
Uses soldering wire diameters 0.4 to 1.5 mm,	
with appropriate wire guide accessories	
Capacity of solder reels	up to 2 Kg.
Weight:	5,8 kg

<b>Included</b>	AL Control unit
	AL-SD Stand
	AL250-B Auto Feed iron
	C250-403 Cartridge
	CL9885 Tip Cleaning Stand
	Tubes set and guides for:
	wires ø 0,9 - 1mm: 0002401

#### Accessories

##### Tubes set and guides for:

wires ø 0,4 - 0,5 mm P/N.: 0002399

wires ø 0,6 - 0,8 mm P/N.: 0002402

wires ø 0,9 - 1,0 mm P/N.: 0002401

wires ø 1,0 - 1,5 mm P/N.: 0002843

**Pedal set with cable and connector** Ref.: 0964551

**Fume extractor accessory AL-A** Ref.: F4468

### AL-IA Hands-free soldering arm

Indispensable for using the AL System while having both hands free. to do this, it is also necessary to use the pedal set.





# Desoldering stations · 230V

## DIS-2B & DIV-2B Desoldering stations

For desoldering insertion components and leaning circuits with SMD components.

**Included** DI Control unit  
DR-SD Stand  
DR560-A Desoldering Iron  
C245-903 Cartridge  
C560-003 Tip  
CL9885 Tip Cleaning Stand  
MS-A Electric Suction Module (for DIS station)  
MV-A Pneumatic Suction Module (for DIV station)  
Accessories set

## DSS-2B Micro Desoldering station

For desoldering small and medium-sized insertion components.

**Included** DI Control unit  
DS-SD Stand  
DS360-A Micro Desoldering Iron  
C245-903 Cartridge  
C360-004 Tip  
CL9885 Tip Cleaning Stand  
MS-A Electric Suction Module  
Accessories set

### Basic specifications

Output Peak power:	130W
Sleep power:	10W
Hibernation power:	8W
Temperature range:	90-450°C
Weight:	5,9 Kg





## Rework stations · 230V

The Rework stations offer a complete solution for fast and safe repair of insertion component circuits by suction of the solder.

The stations can also be used for cleaning pads in SMD circuits.

The stations feature all of JBC's technological advantages, like fast thermal recovery, sleep mode, low weight and easy handling of Soldering and Desoldering Irons.

These stations also offer connectivity to any JBC tool and Desoldering Module.

### DDST-2C & DDVT-2C Rework stations

**Included**

- DD Control unit
- T245-A Handpiece
- DR560-A Desoldering Iron
- AD-SD Stand
- DR-SD Stand
- C245-903 and C245-906 Cartridges
- C560-003 Tip
- CL9885 Tip Cleaning Stand
- MS-A Electric Suction Module (for DDST station)
- MV-A Pneumatic Suction Module (for DDVT station)
- Accessories set

### Basic specifications

Output Peak power:	150W
Sleep power:	20W
Hibernation power:	10W
Temperature range:	90-450° C
Weight:	9,1 Kg



# Complete Rework station · 230V

This station was designed for reworking and repairing Through-hole and SMT boards. The stations offers:

**Desoldering SMD components** of any size by hot air. JBC's Exclusive System of using together extractors/protectors and hot air, which offers safe, fast and clean desoldering, limiting heat on the component to be desoldered, while protecting the rest of the circuit.

**Desoldering SMT and through-hole components, and pad cleaning.** For this operation this station features the DR560-A Desoldering Iron and an integrated vacuum pump.

**Soldering all kinds of components** with the quick response and recovery features which are standard on all JBC stations.

**Pick & Place** for placing components.

## RMST-2C Complete Rework station

RMST features Sleep & Hibernation modes, as well as all other features of JBC stations.

This station can be easily controlled thanks to the accurate information shown on a large-size display.

Extremely user friendly and adapts to individual preferences, all functions can be saved and locked by PIN.

Modular extension of this station offers almost unlimited connectivity to the JBC tool range.

### Basic specifications

Output Peak power:	150W
Sleep power:	20W
Hibernation power:	10W
Maximum Power:	1000 W.
Temperature range:	90 - 450° C and "cool"
Air flow regulation:	6-45 l/min.
Weight:	14,9 Kg
Air pump for hot-air with electronic control of temperature and air flow.	
The system is protected against antistatic discharge.	
Vacuum pump for holding ICs.	

<b>Included</b>	DD Control unit
	JTE Control unit
	T245-A Handpiece
	DR560-A Desoldering Iron
	JT-TA Heater 1000 W
	T260-A Pick & Place
	AD-SD Stand
	DR-SD Stand
	JT-SB Stand
	C245-903 and C245-906 Cartridges
	C560-013, C560-005, C560-004 Tip
	CL9885 Tip Cleaning Stand
	MS-A Electric Suction Module
	Extractor stand with 3 extractors, 5 protectors and 2 tripods.

MS-A Electric Suction Module

DD Control unit

JTE Control unit

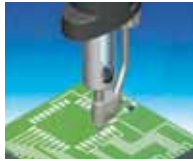
JT-TA Heater



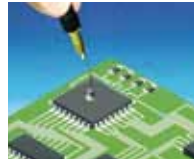
## Repair process of a circuit with SMD components



*Desoldering IC component with hot air*



*Cleaning pads with Desoldering iron*



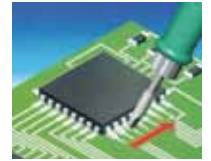
*Placing component*



*Soldering from 2 opposite angles*



*Fluxing IC pads and leads*



*Soldering leads with special JBC tips for soldering SMDs*



# Hot Air stations · 230V

When using hot air, JBC's Exclusive System works with jointly extractors/protectors for fast desoldering and protecting the surrounding components by concentrating heat on the component. They concentrate heat on the component to be desoldered.

As an example, an integrated QFP medium-sized can be desoldered in approximately 20 seconds.

This is fast enough to prevent the substrate and the component from harmful temperatures.

## JT-2B High Power Hot Air station

Used for desoldering all types of SMDs.

Its powerful heater desolder even the biggest QFPs and PLCCs quickly and safely.

Digital readout of temperature and airflow offers maximum accuracy and control.

**Included** JTE Control unit  
JT-TA Heater  
JT-SB Stand  
Extractor stand with 3 extractors,  
5 protectors and two tripods  
Accessories set

### Basic specifications

Output Peak power: 1000W  
Temperature range: 150 - 450° C and "cool"  
Air flow regulation: 6-45 SLPM  
Weight: 5,7 Kg  
Air pump for hot-air with electronic control of temperature and air flow.  
Vacuum pump for holding ICs.

## TE-2B Precision Hot Air station

Ideal for soldering and desoldering small and medium-sized SMD components.

In combination with JBC's unique system of extractors, the TE precision hot air station is the safest hot air desoldering system.

**Included** JTE Control unit  
TE-TB Precision Heater  
TE-SA Stand  
Extractor stand with 3 extractors, 5 protectors  
and 2 tripods  
Accessories set

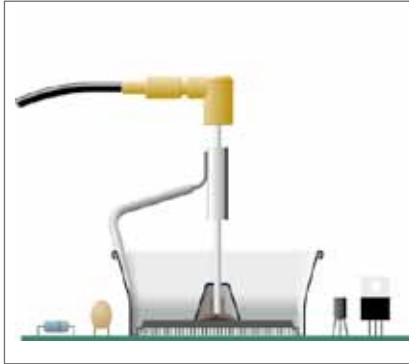
### Basic specifications

Output Peak power: 300W  
Temperature range: 150 - 450° C and "cool"  
Air flow regulation: 5 - 20 SLPM  
Weight: 5,4 Kg  
Autonomous hot air station, digital, thermo regulated with air flow control.

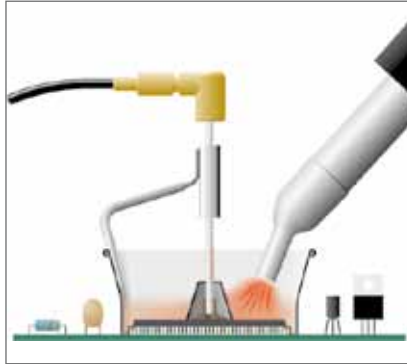




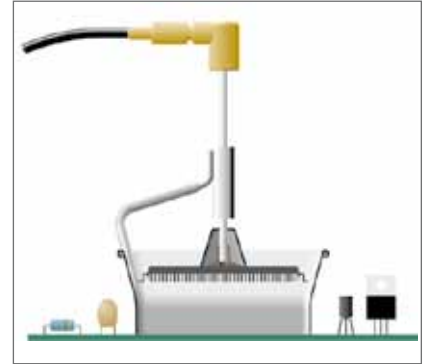
## Desoldering a QFP in 20" by using JT or TE station



1. Place the extractor.

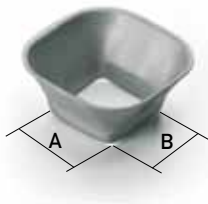


2. Heat until solder joint is freed.



3. Desoldered IC is removed automatically.

## Protectors



A and B are inner workable areas.

\*Reference desk

Ref.	Amm	Bmm
P3353	4,3	3
P3786	5,2	5,2
P3352	5,2	7,5
P3355	5,2	9,5
P3356	6,2	4,2
P3785	7,2	7,2
P3784	8,2	8,2
P4035	9	13
P4040	9,5	19
P4080	9,5	21
32* P2220	10	10
P4045	10,5	21
P4090	11	16
24* P2235	12	17
P1249	12	23

44*	P4000	12,5	12,5
	P3354	13,2	13,2
	P4025	13,5	21,5
48*	P2230	15	15
60*	P4010	17	17
	P4005	18	29
	P4030	18,5	18,5
	P1068	18,5	24
	P2685	28,5	28,5
	P4085	31,5	31,5
	P2672	33	46
	P4002	50	50
	P3357	52,5	14

## Extractors

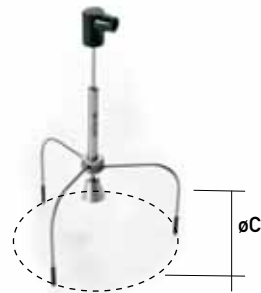


A and B are inner workable areas.

\*Reference desk

Ref.	Amm	Bmm
52* E2052	20	20
64* E2064	20	26
80* E2184	24	24
E2068	27	27
E4020	28,5	28,5
E4015	31,5	31,5
E2084	33	33
E2100	38	38
E2124	45	45
E2190	Ø 7mm	

## Tripods



Ref.	ØCmm
T2050	39
T2250	85



E2190  
Manual extractor

# PreHeater· 230V

The JBC Preheater facilitates any soldering or desoldering job by applying infrared.  
The heat projected under the PCB allows you to reduce the working time and the tip temperature.

## PH-2B Preheater

You can work selecting the power of the unit or setting the PCB temperature through a Thermocouple type K (choosing the temperature or running a profile). Once a profile has been run for the first time, its already available in the "Relative Profile". This means you can run this profile without plugging the control TC.

It features an auxiliary thermocouple to protect sensitive components.

You can define a ramp up rate to avoid stress on the PCB

**Included** PH Preheater  
Console  
Thermocouple type K

## Basic specifications

Maximum Power:	600 VA
Heating power:	50 to 500W
Heated Area:	75 or 130 x 105mm (2 zones)
Select Temperature:	50 - 250°C
Adjustable Heating Rate:	1 to 5 K/sec
Maximum work time:	60 min
Temperature Measurement:	K Thermo Couple
Custom Profiles:	up to 17
Pre-set Profiles	3
Weight:	2,8 kg







## TOP STATIONS

### HD Heavy Duty station· 230V

It is the ideal solution for high thermal demand and prolonged heavy duty soldering applications as for example the production of solar panels. It features a TFT color screen and offers connections to extend functionalities: Peripherals modules, PC communication and robotic system compatibility.

This station was specifically designed for extensive soldering of multi-layered circuits and parts which require high temperatures. The HD Heavy Duty station features Sleep & Hibernation modes, as well as all other features of JBC stations.

#### HD-2C Heavy Duty station

**Included** HD Control unit  
HD-SD Stand  
T470-A Comfort Handpiece (uses C470 Cartridge range)  
CL9885 Tip Cleaning Stand

#### Basic specifications

Output Peak power:	250W
Sleep mode:	20 W
Hibernation mode:	10 W
Temperature range:	90-500° C
Weight:	5,9 Kg



## NANO Stations · 230V

The Nano stations are complete stations designed for micro soldering and desoldering of small-size components like chips 0402, 0201, 01005, etc.

Tools for these stations are the lightest, tiniest and the most ergonomic, in order to allow you to work at highest precision. The control unit is fully compatible with either Tweezers or Handpieces, which can be used simultaneously. The stations feature Replaceable Cleaning Systems.

### NAST-2C Nano Rework station

Supplied with NT105 Nano Soldering Handpiece and NP105 Nano Tweezers.

**Included** NA Control unit  
NT105-A Nano Soldering Handpiece  
NP105-A Nano Tweezers  
N1738 Sleeves  
Cartridge set: C105-101  
C105-103  
C105-105 (x2)  
C105-107  
C105-112  
C105-113 (x2)

#### Basic specifications

Output Peak power: 12 W  
Hibernation mode: 3 W  
Temperature range: 90-415° C  
Weight: 1,6 kg

### NANT-2C Nano Soldering station

Supplied with 2 NT105 Nano Soldering Handpieces

**Included** NA Control unit  
NT105-A Nano Soldering Handpiece (x2)  
N1738 Sleeves  
Cartridge set: C105-101  
C105-103  
C105-105 (x2)  
C105-107  
C105-112  
C105-113 (x2)

#### Basic specifications

Output Peak power: 12 W  
Hibernation mode: 3 W  
Temperature range: 90-415° C  
Weight: 1,6 kg

NP105-A  
Nano Tweezers

N1738  
Sleeves

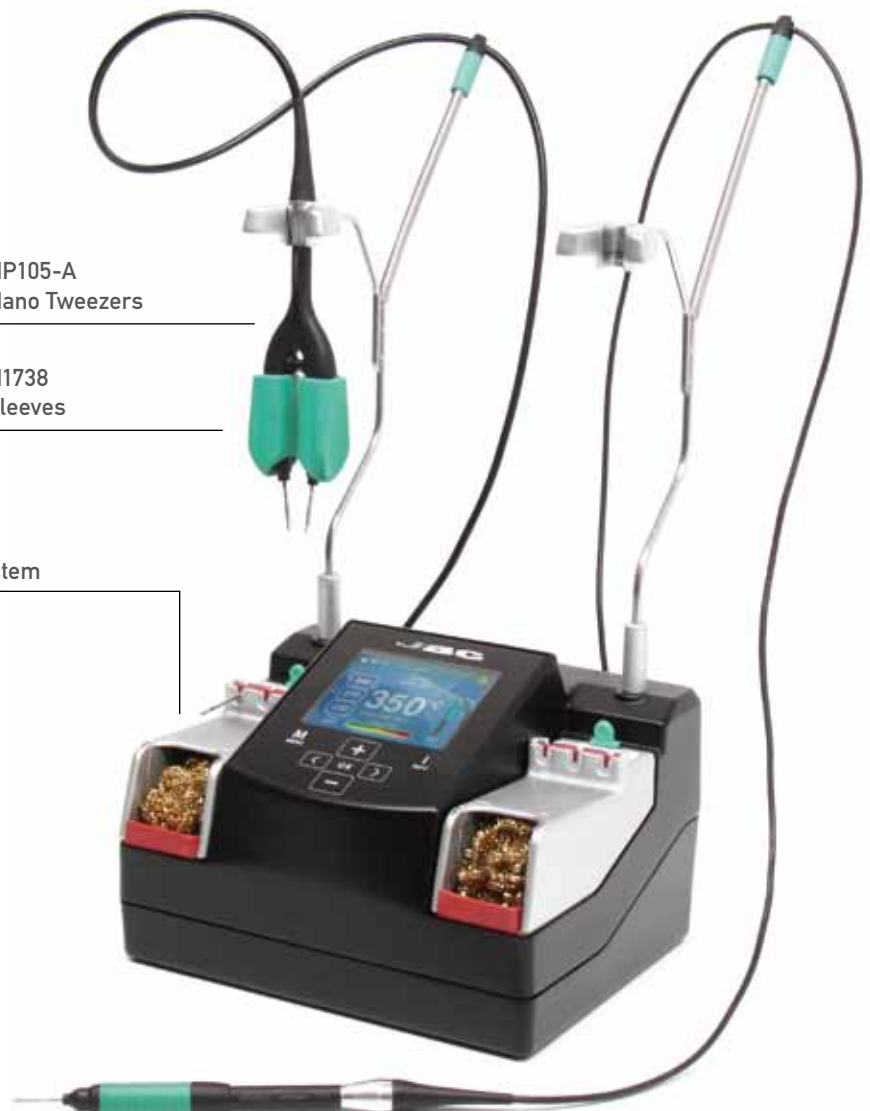
Replaceable Cleaning system

### P105-A Pedal

It has been created for those who want to use the tweezers to place the electronic component in the correct position on the PCB, causing no thermal stress.

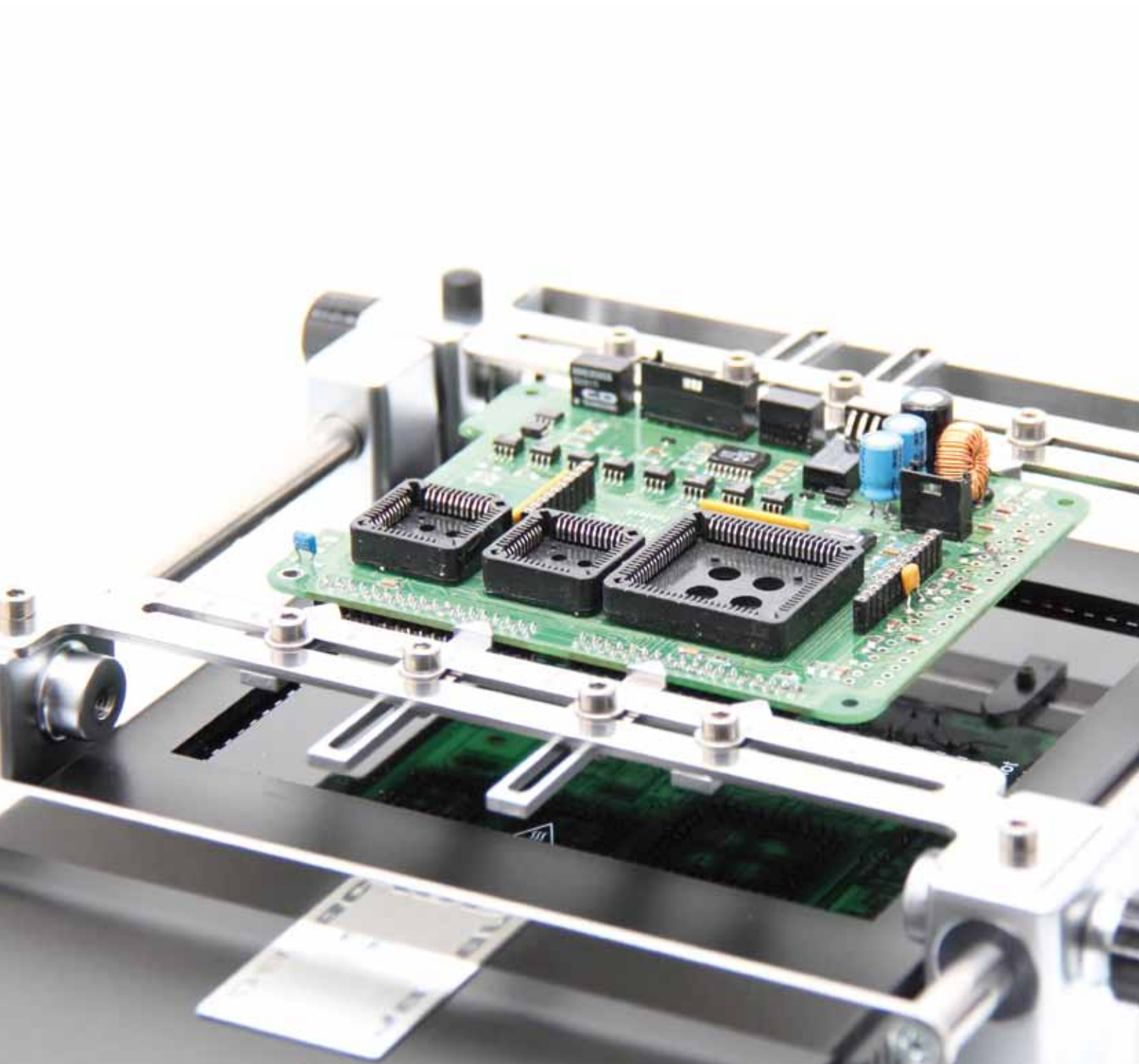


NT105-A  
Nano Soldering Handpiece



# ACCESSORIES

The perfect complement for soldering and desoldering jobs





### KN-A Nitrogen kit

This is the ideal solution for improving the quality of any solder joint by using nitrogen because it provides extra heat and helps prevent tip oxidation.

**Included** MN-A Nitrogen Flow Regulator  
DN-SD Stand  
CL9885 Tip Cleaning Stand  
T245-NA Nitrogen Handpiece  
C245-903 Cartridge  
B7244 N2 Nozzle  
B7243 N3 Nozzle

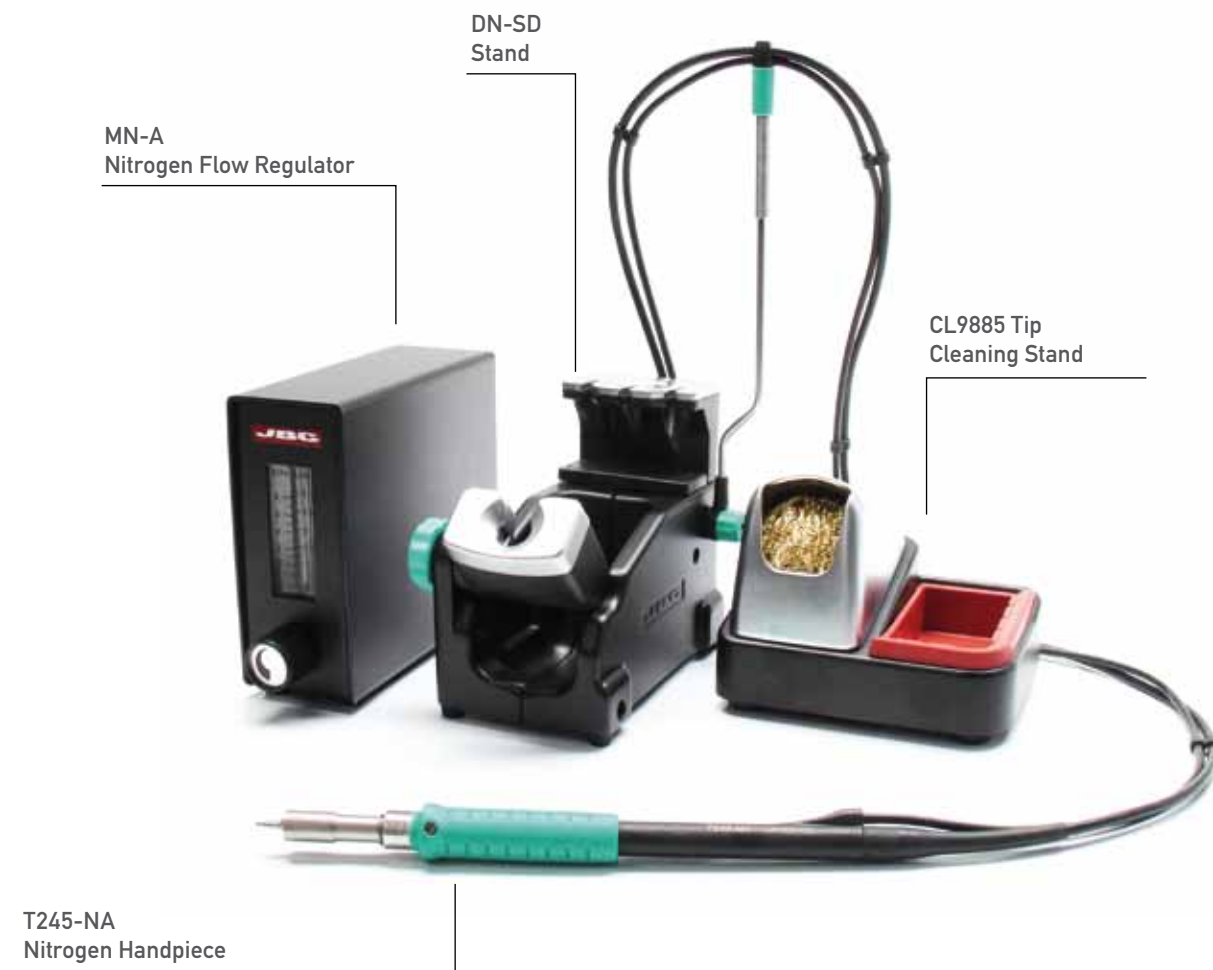
\*An external Nitrogen Circuit are needed or the GN-A Nitrogen Module Generator from JBC

### MN-A Basic specifications

N <sub>2</sub> flow regulation:	0,5 - 3,5 SLPM
Max Pressure:	6 bars
Weight:	1,2 Kg

### GN-A Basic specifications

Compressed Air Pressure:	4 - 6 bar
Gas N <sub>2</sub> concentration:	up to 99,9%
Concentrated N <sub>2</sub> gas flow:	1 - 2 SLPM
Weight:	2 Kg



### TI-A Thermometer

Accessory for measuring tip temperature.  
Soldering right on the temperature measuring point offers accurate measuring of the real temperature of the solder joint.  
For measuring the temperature in sleep mode a connection cable is included. P/N.: 0780476.

#### Basic Specifications

Temperature range: 21 to 500 °C  
Replaceable sensor  
Resolution: 10 °C  
Weight: 0,7 Kg



### FL Flux

Flux specifically developed for resoldering of components in repaired circuits.

**FL-A** Little brush 5,5ml.

**FL-15** Little bottle 15ml with applicator brush.

**FL-50** Bottle 500 ml equipped with decanting tube.



### FS500 Fume Extractor switch

This accessory performs as a Switch Fumes Suction system.  
The feed of a fume suction system is connected to the FS500 and this to the network acting as a switch.  
When the soldering iron is in the stand the Fume Suction System stops, returning to work by lifting the iron to use.

This accessory can be connected to the DI, DD, DT and PS Control units.



### P-305 Pedal

The pedal P-305 has been created for those users that want to use the tool to place the electronic component in the correct position on the PCB, causing no thermal stress to the component until the solder joint is made.

The P-305 works with DI, DD, DT, PS Control units and HD





### JT & TE Nozzles

The nozzles extend the potential of the JT & TE Heaters.  
They direct the heat to a particular area so that protect adjacent components.  
The range features different shapes and diameters to regulate the hot air flow.

All models are easily interchangeable.



### T245-NA Nozzles

The nozzles improve efficiency and precision of the Nitrogen flow provided by the T245-NA Handpiece.  
They direct the nitrogen to a particular area so that adjacent components remain untouched when soldering.

The range includes two models which are easily interchangeable: Ø 5,7mm and Ø 7,8mm.



### NEEDLES for T260-A

The suction cups can be adjusted to the needles in order to make the placement of SMD to different sizes on board easier.  
These accessories allows the adjustment to weight and size of any type of component.

When you assemble the suction cup with the needle, you should avoid the needle to stick out of the lower part.



### SHEARS & TWEEZERS for electronics

Scissors type cutting action, easy cutting with a great smoothness.  
Steel with selective hardness treatment, wich gives strength to the cutting edges. Ergonomic grip. Covered with antiskid vinyl foam, pleasant to touch and designed for a most comfortable grip.Return spring. Unlimited lifetime, very soft, easy cutting.

**Tweezers** are made from matt finished anti-acid, anti-magnetic stainless steel.  
Thanks to the tip design, they suit both trough hole insertion components and SMDs.



# CARTRIDGES & TIPS

## JBC Cartridges with extended tip life

JBC is pleased to present an extensive overview of our cartridge range. Up to 400 cartridges and tips that last 5 times longer. The Cartridge is the essential part of any soldering tool and should offer:

**Excellent Heat Transfer.** The compact element reduces thermal barriers.

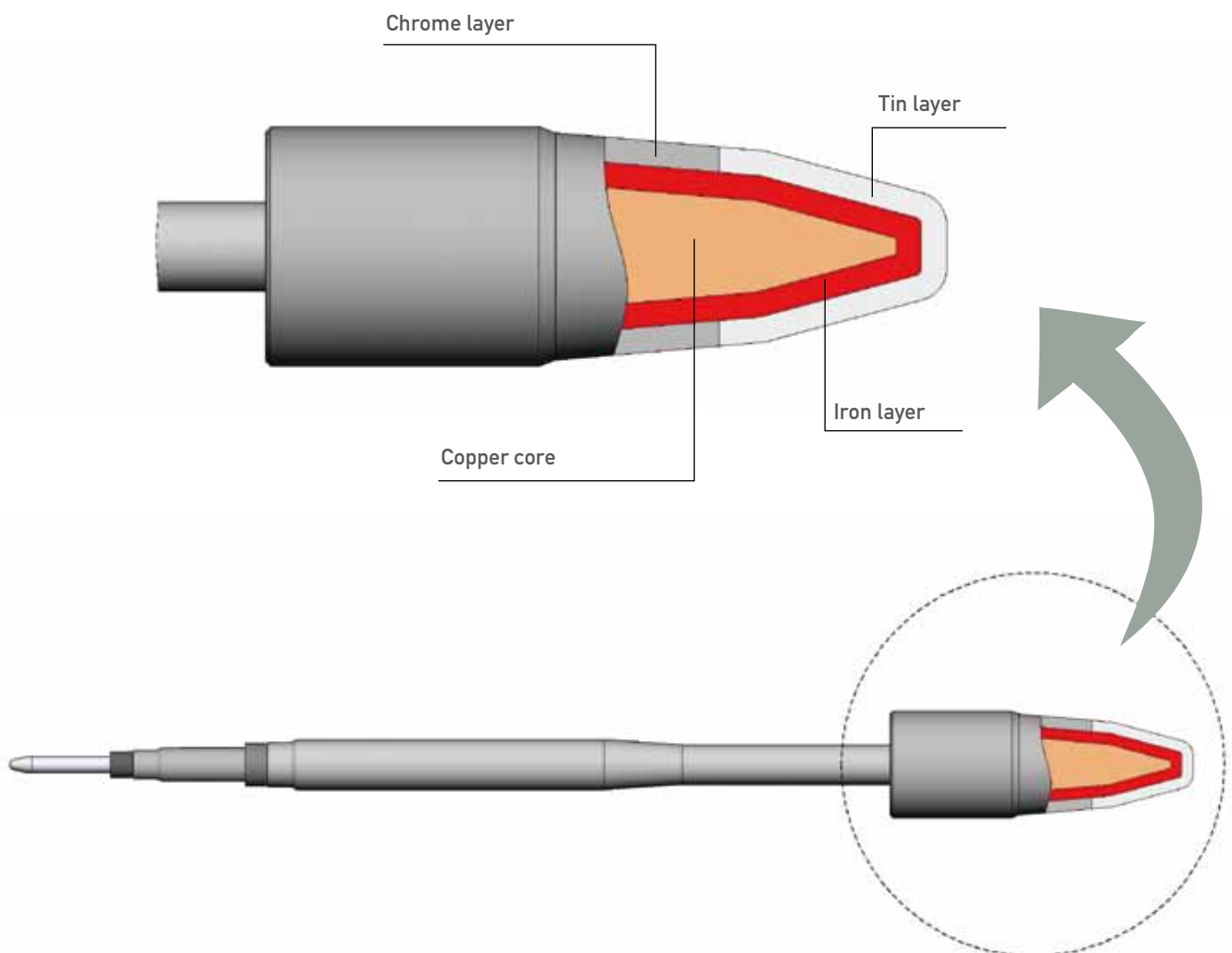
**Instantaneous Heating Up.** A fully integrated thermal sensor to the heater ensures a quick temp recovery.

**Great Durability.** The intelligent algorithm control program increases life.

The Cartridge range is growing since we are responding our client's specific needs. This means we cooperate closely with them in order to find the right solution.

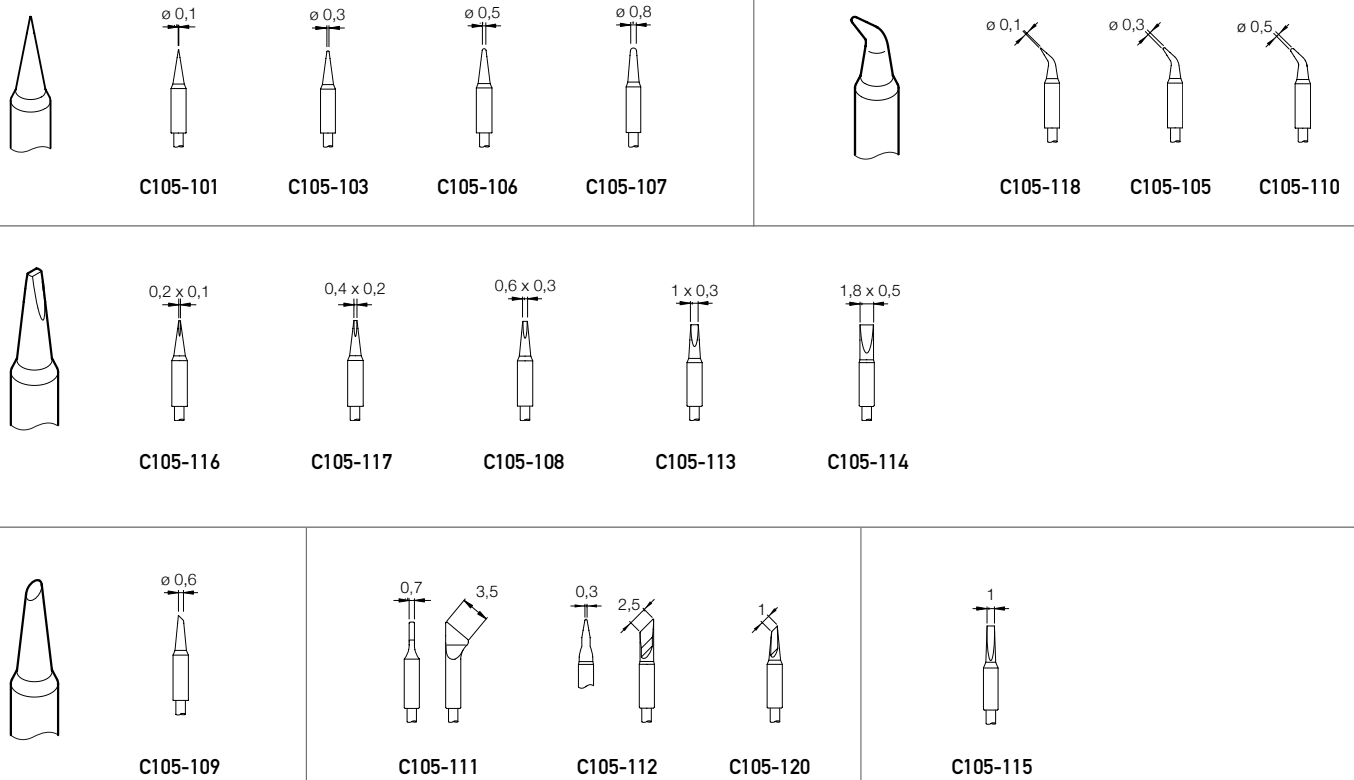
Don't hesitate to contact us if you don't find the desired cartridge in this catalogue.

We recommend you periodically check new models at [www.jbctools.com](http://www.jbctools.com).



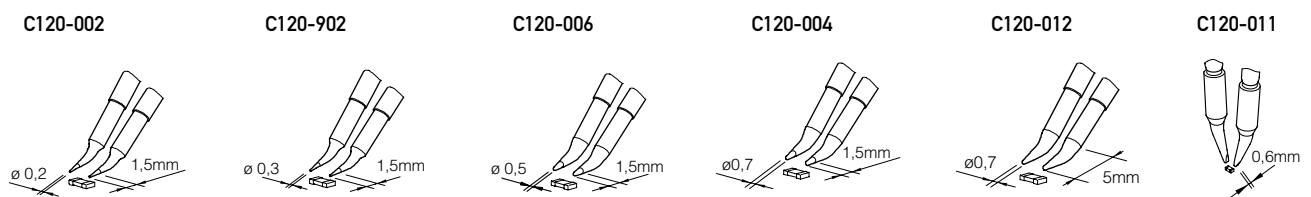
## C105 Cartridges for NP105 and NT105 Nano Tools

E 1:1

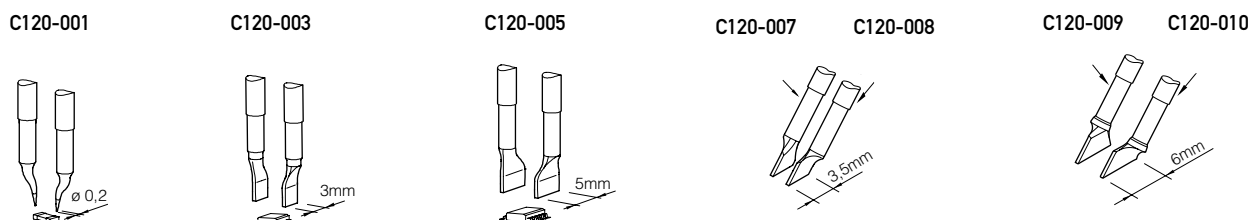


## C120 Cartridges for PA120 Micro Tweezers

Chips Components

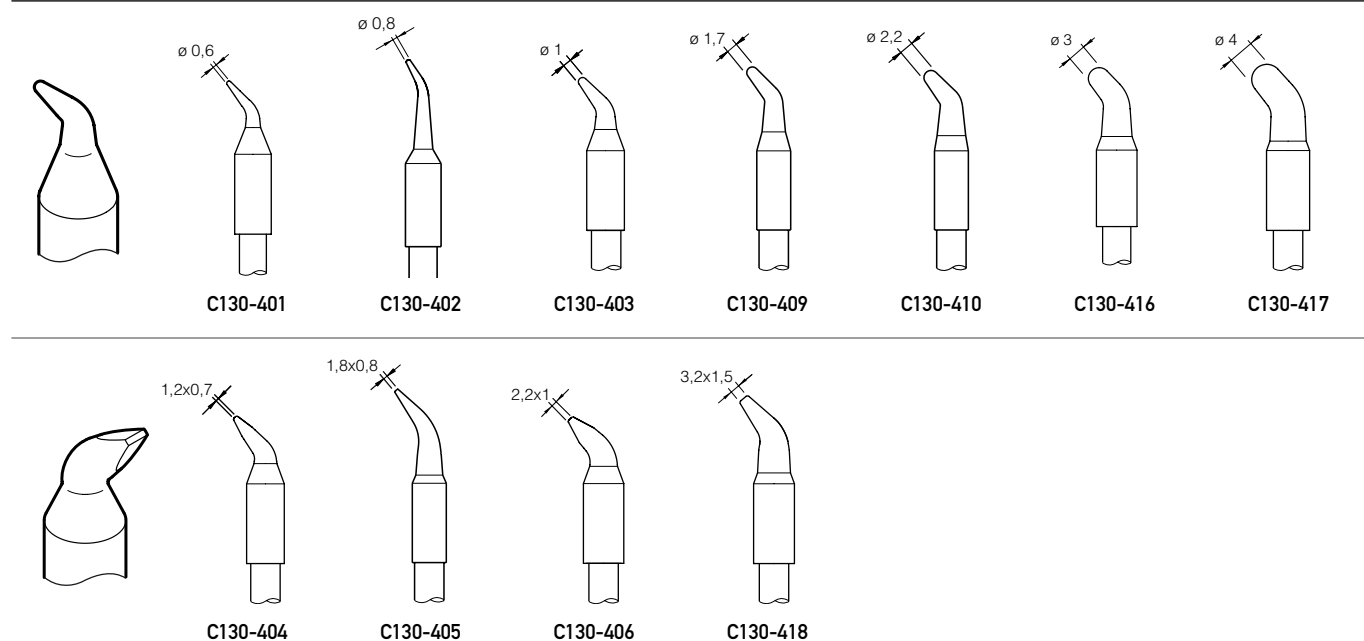


Dual in line



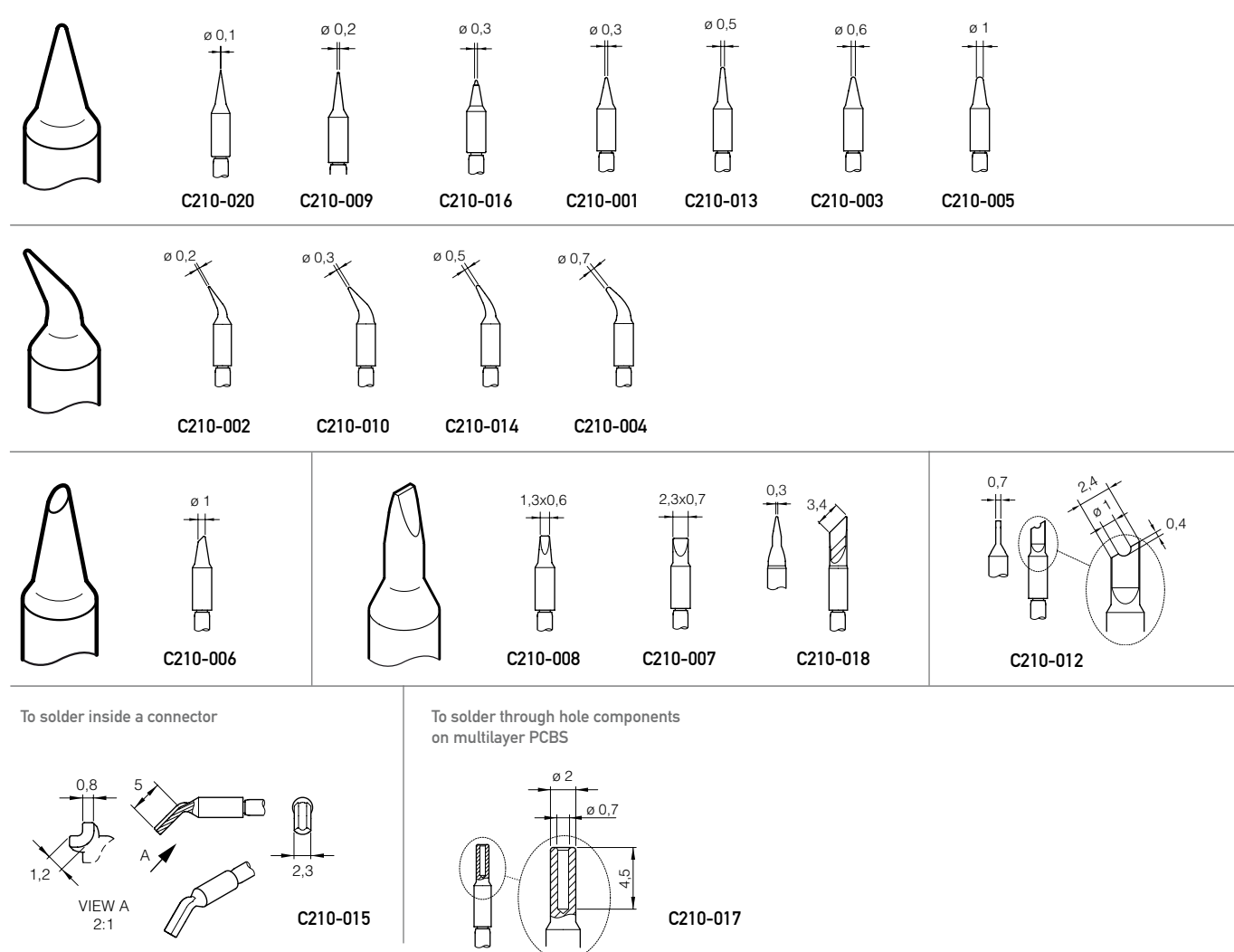
## C130 Cartridges for AP130 Solder Feed Iron

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## C210 Cartridges for T210 Precision Handpieces

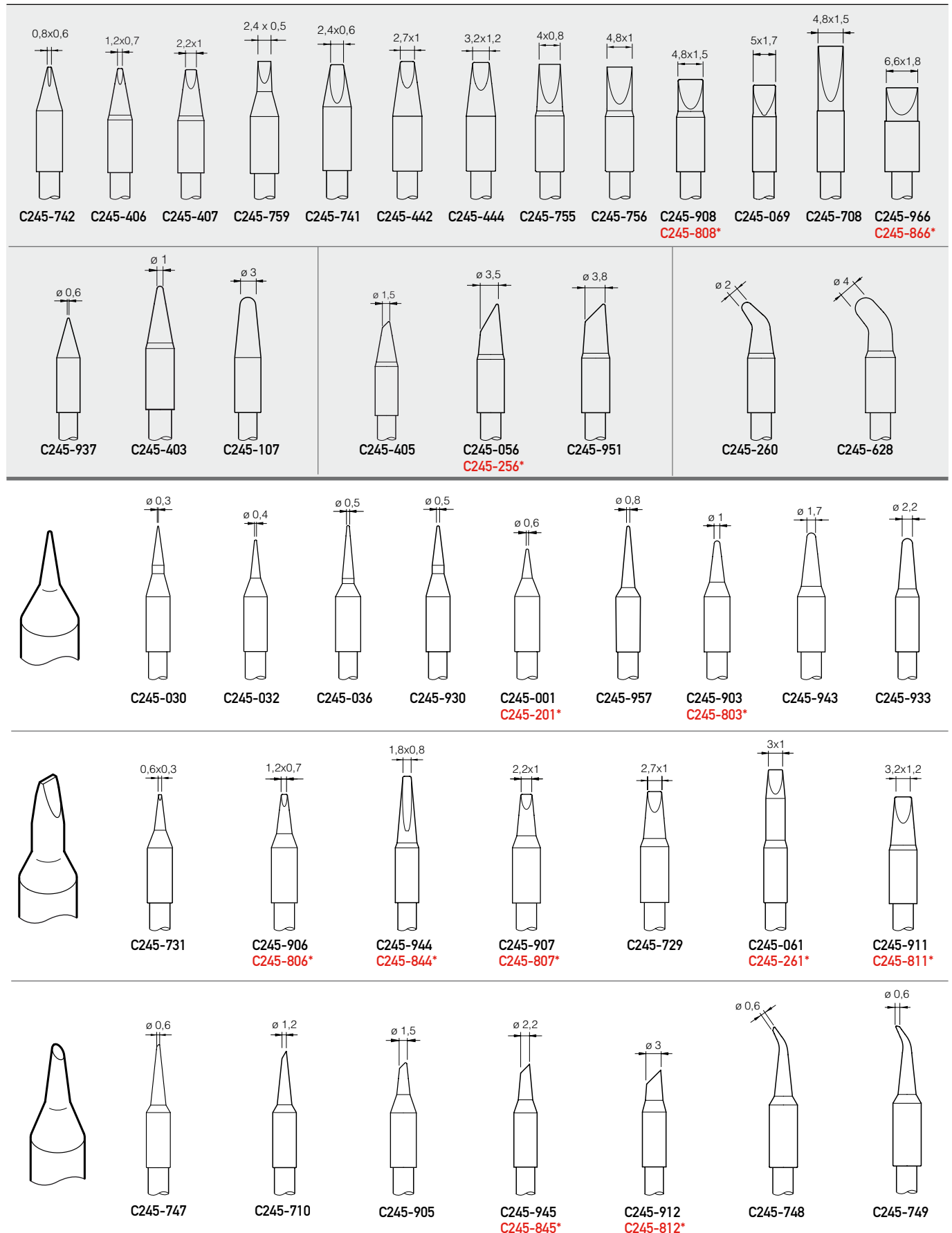
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## C245 Cartridges for T245 Handpieces

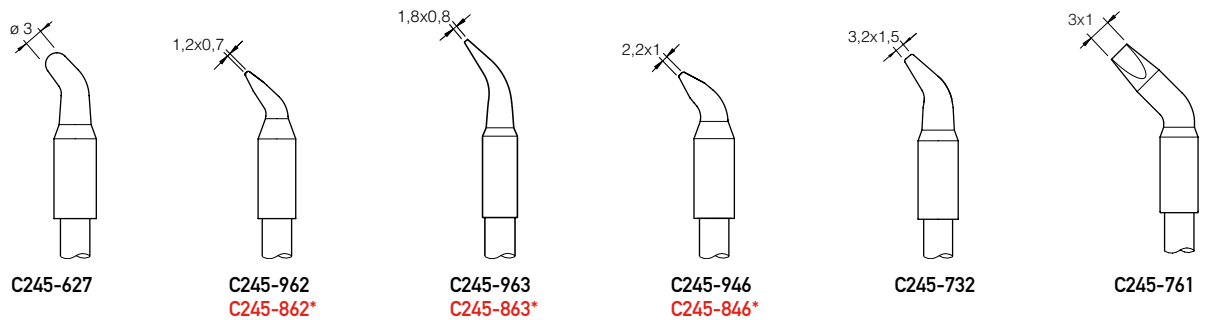
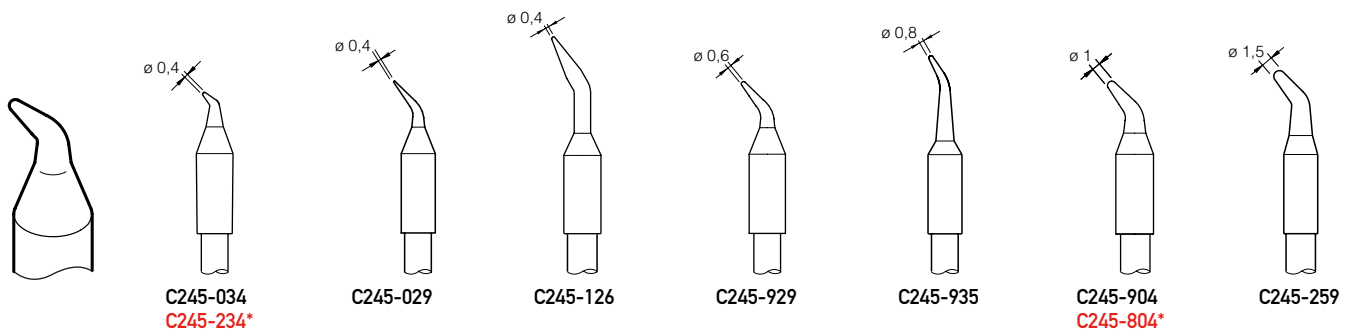
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### High Thermal Efficiency

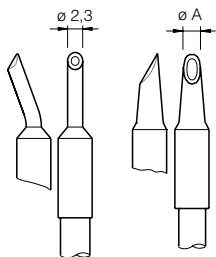


# C245 Cartridges for T245 Handpieces

E 1:1



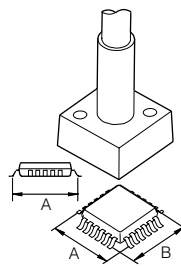
## Mini Spoon



C245-067

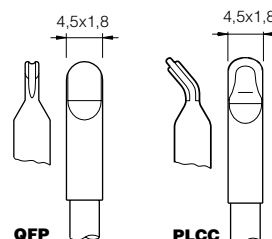
**C245-938**  $\varnothing A=3.8$   
**C245-931**  $\varnothing A=2.7$   
**C245-965**  $\varnothing A=1.9$

## QFP and PLCC



**C245-227** A=17.5 B=17.5  
**C245-315** A=15 B=15.0  
**C245-228** A=12.4 B=15.0  
**C245-224** A=12.0 B=12.0  
**C245-223** A=8.5 B=8.5

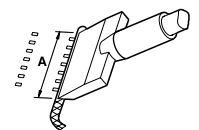
## Cartridges to solder SMT IC



C245-009

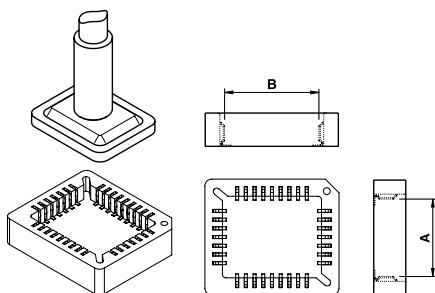
C245-010

## Blade type



**C245-949** A=32  
**C245-913** A=21  
**C245-752** A=15  
**C245-914** A=10

## For PLCC sockets



**C245-248**  
 N. of contact positions= 32  
 A=11.9 B=14.5

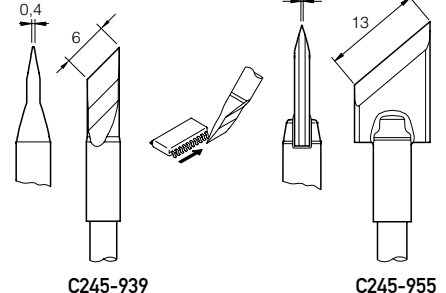
**C245-247**  
 N. of contact positions= 44  
 A=17.0 B=17.0

## Chip Components

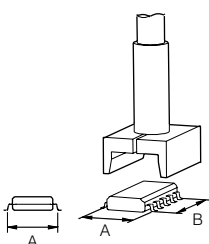


**C245-019** A=4.5  
**C245-018** A=3.4  
**C245-017** A=2.2  
**C245-016** A=1.9

## Bevel edge tips

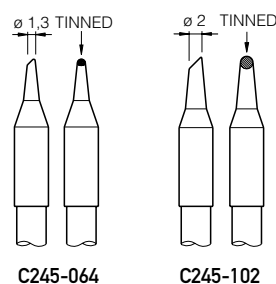


## Dual in line

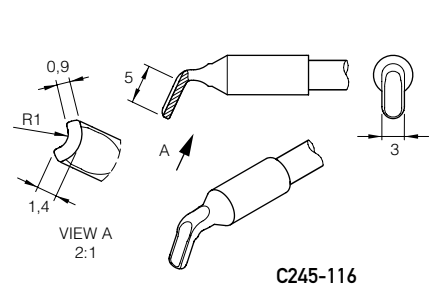


**C245-226** A=15.2 B=29.0  
**C245-215** A=9.6 B=18.0  
**C245-304** A=9.6 B=15.0  
**C245-305** A=9.6 B=12.0  
**C245-306** A=9.6 B=10.0  
**C245-222** A=7.1 B=13.0  
**C245-303** A=6.5 B=6.0  
**C245-221** A=5.4 B=10.0  
**C245-250** A=5.4 B=8.0  
**C245-220** A=5.4 B=6.0

## Hoof tip with reduced tinned surface, ideal for touch-up:



## To solder inside a connector

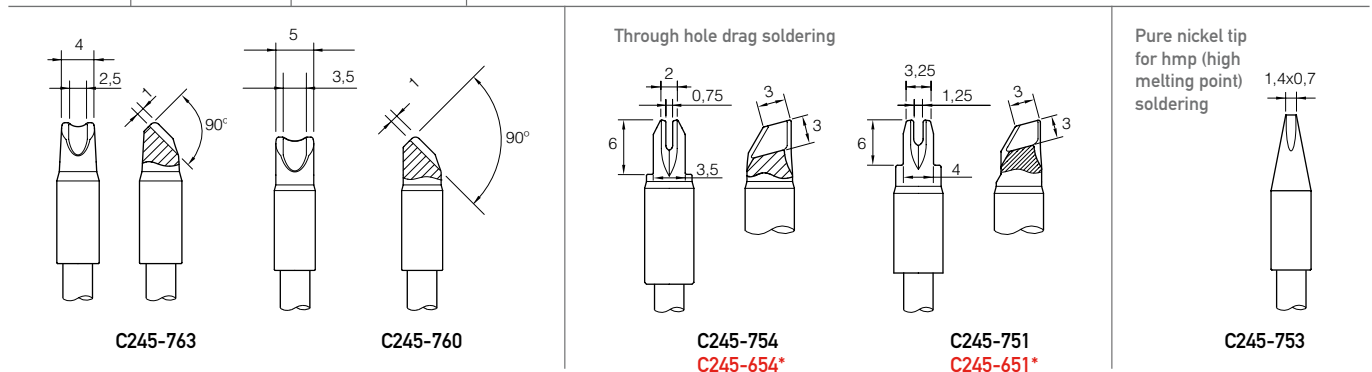
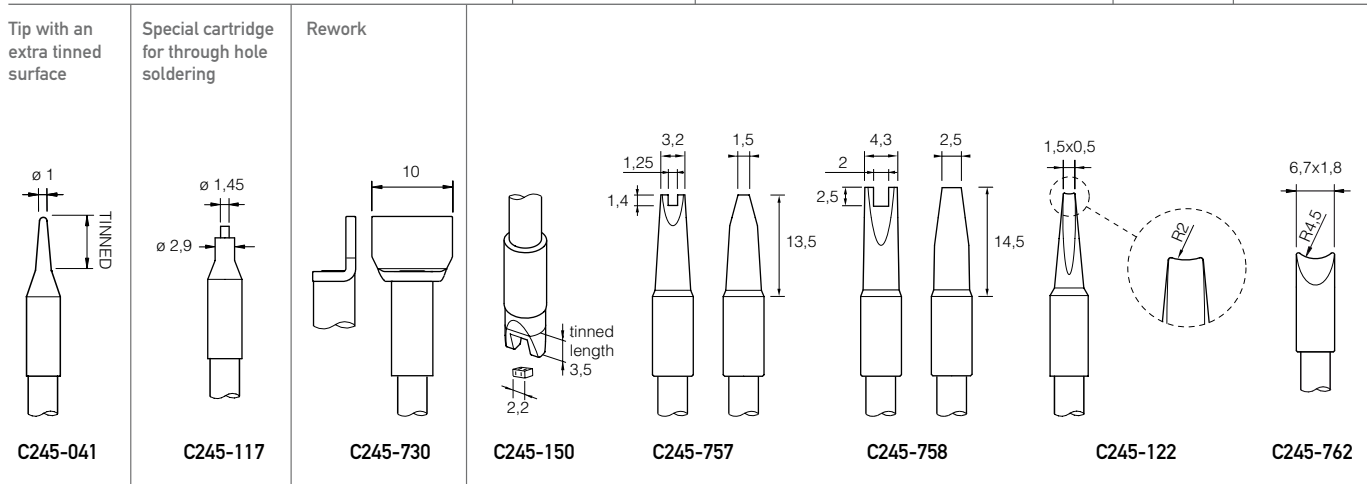
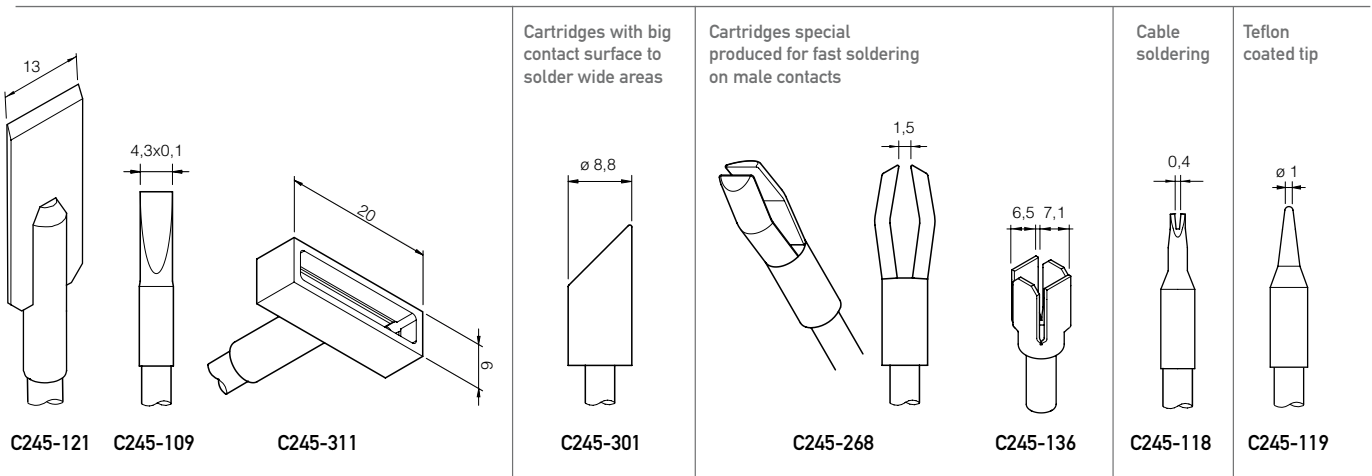
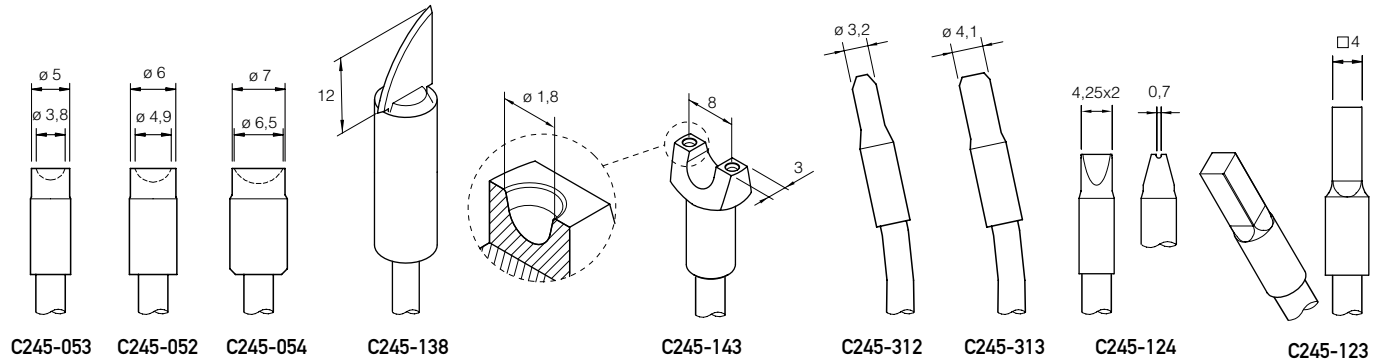


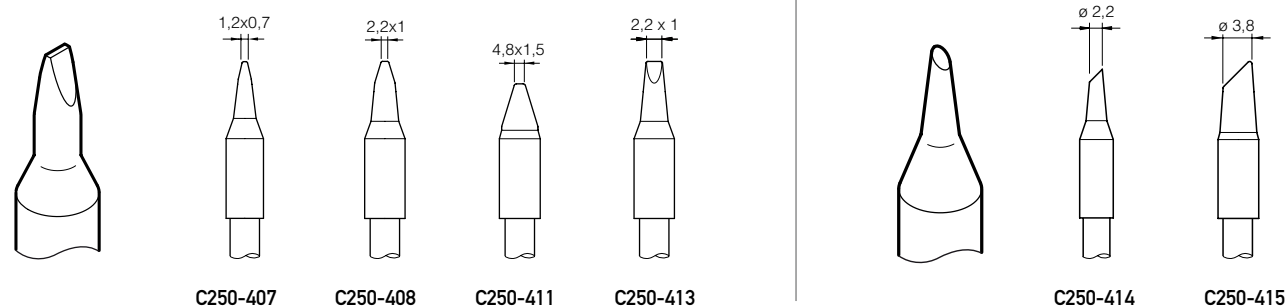
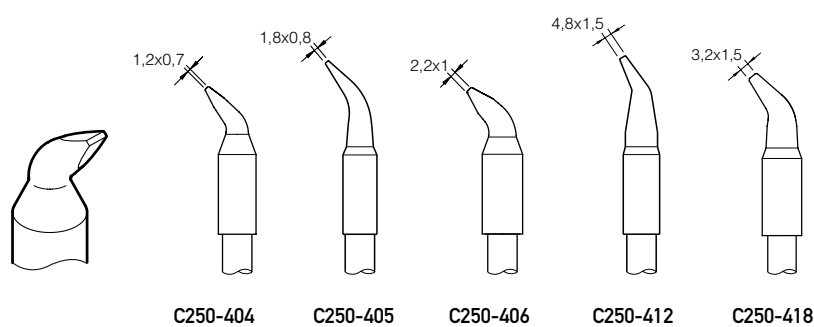
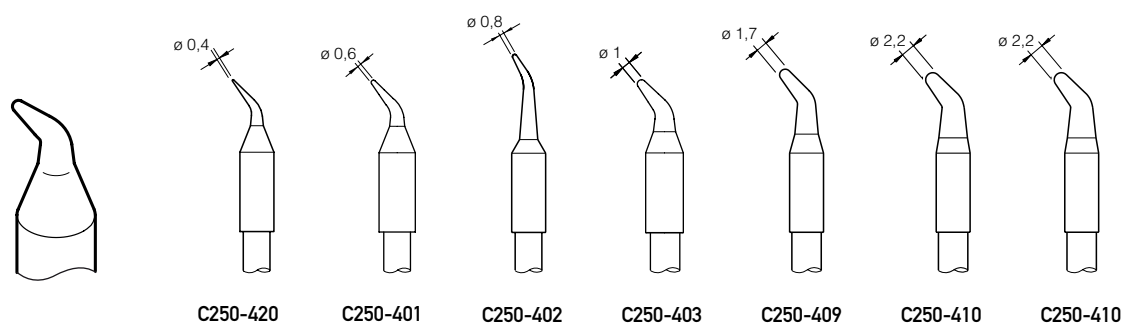


## C245 Cartridges for T245 Handpieces

E 1:1

Cartridges with chrome finished, designed for use plastic rivets:

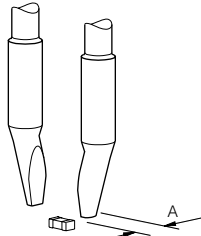




## C420 Cartridges for HT420 Thermal Tweezers

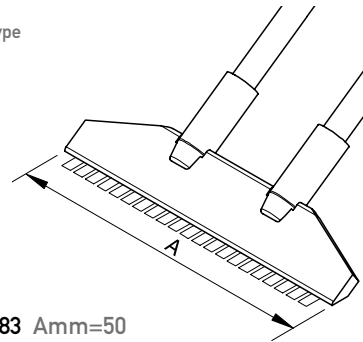
E 1:1

### Chips Components



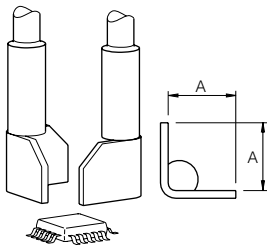
**C420-271** Amm=1,5  
**C420-272** Amm=2,6

### Blade type



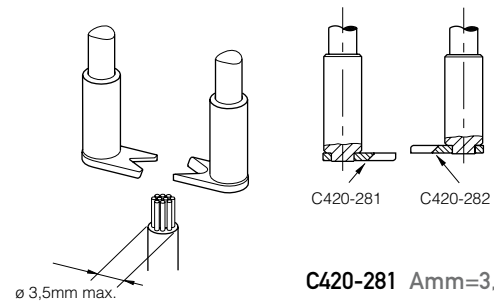
**C420-283** Amm=50

### QFP and PLCC



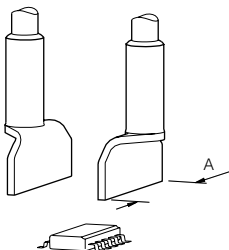
**C420-279** Amm=8,0  
**C420-280** Amm=11,0

### Cable stripper



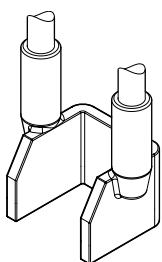
**C420-281** Amm=3,5 max.  
**C420-282** Amm=3,5 max.

### Dual in line

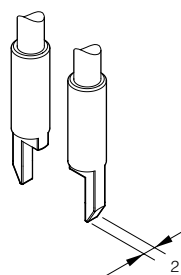
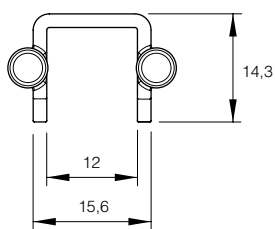


**C420-273** Amm=4,0  
**C420-274** Amm=6,0  
**C420-275** Amm=8,0  
**C420-276** Amm=10,0  
**C420-277** Amm=15,0  
**C420-278** Amm=20,0  
**C420-285** Amm=22,0

### Special Cartridges



**C420-286**

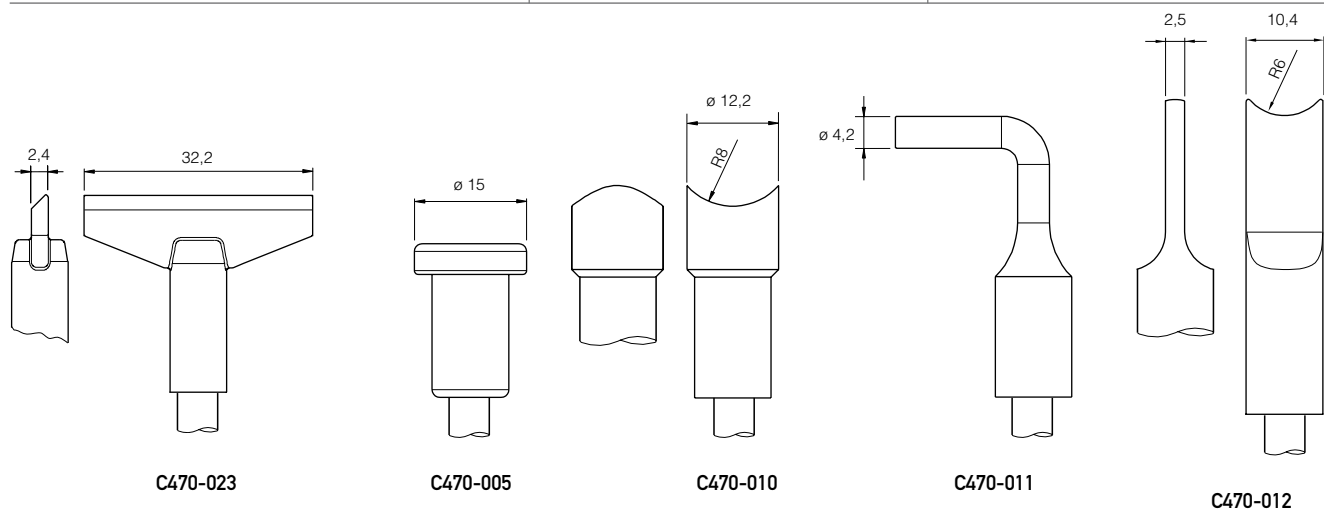
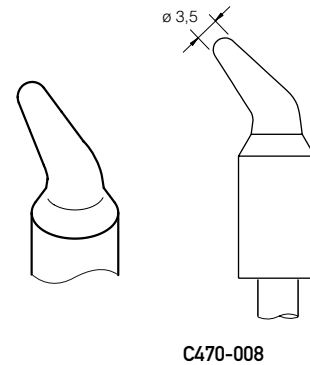
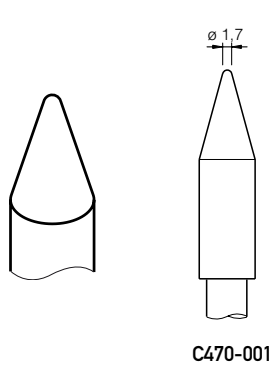
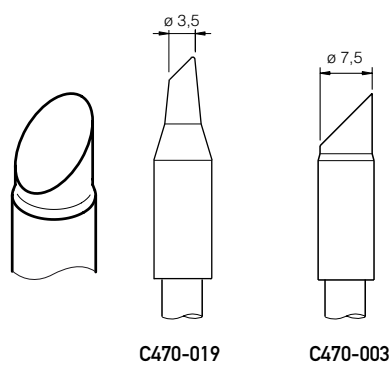
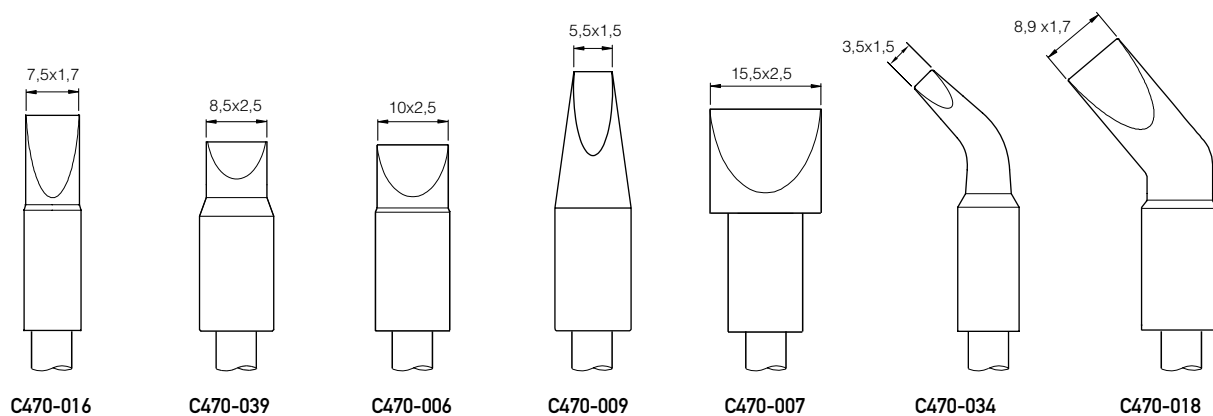
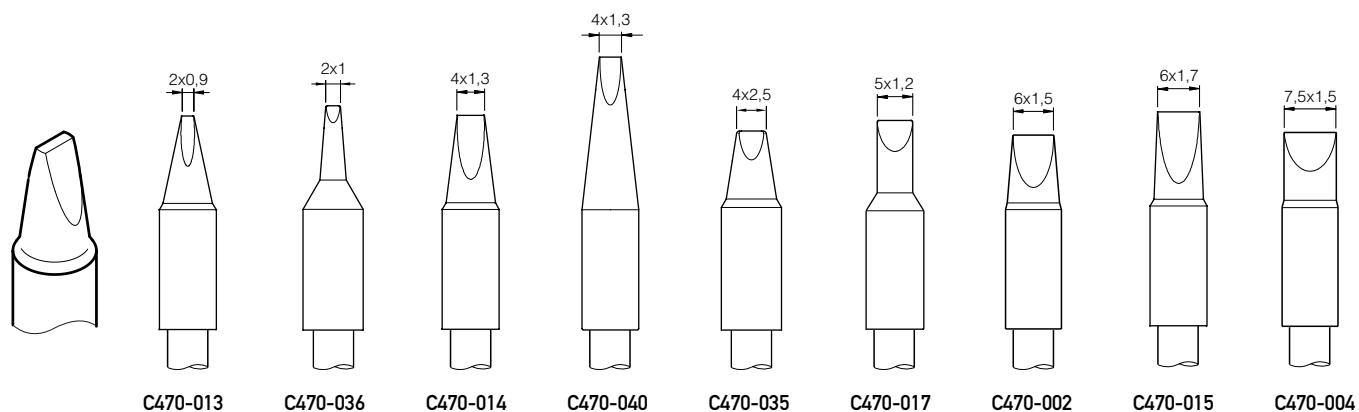


**C420-287**

*Supplied individually*

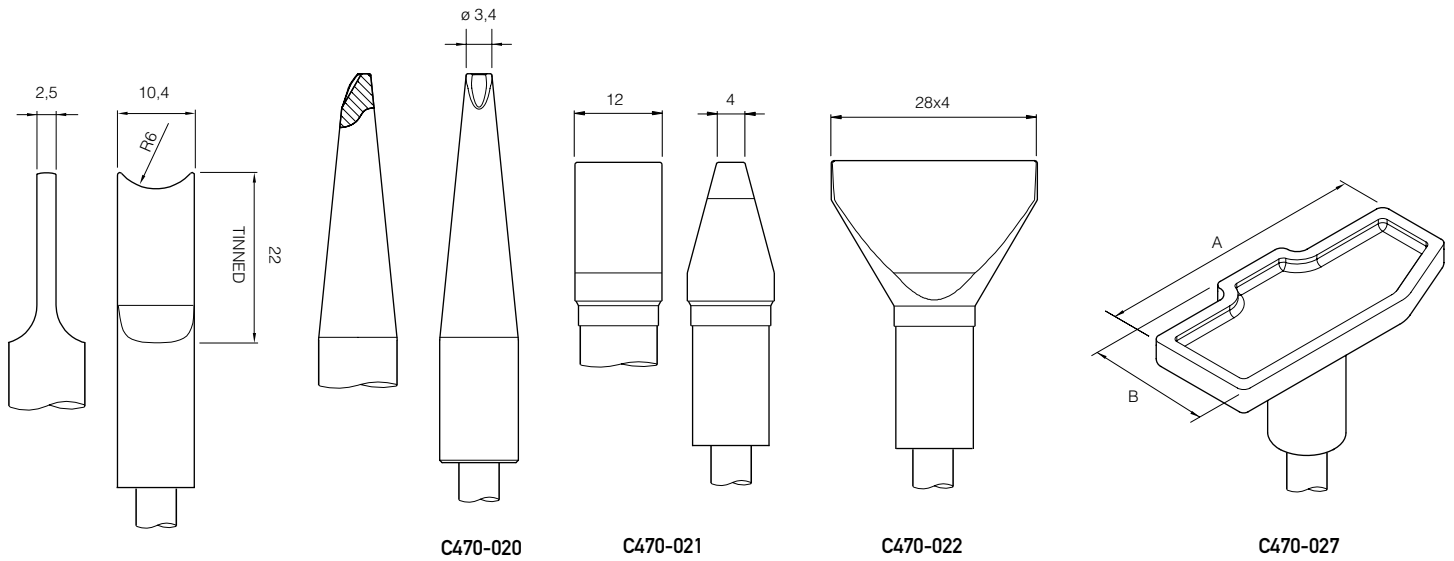
## C470 Cartridges for T470 Comfort Handpieces

E 1:1

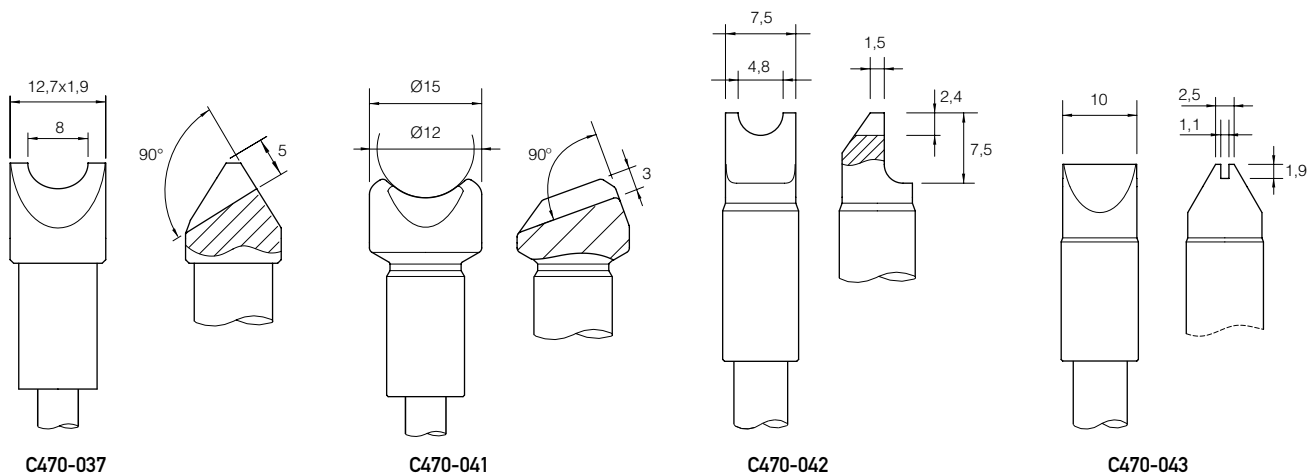
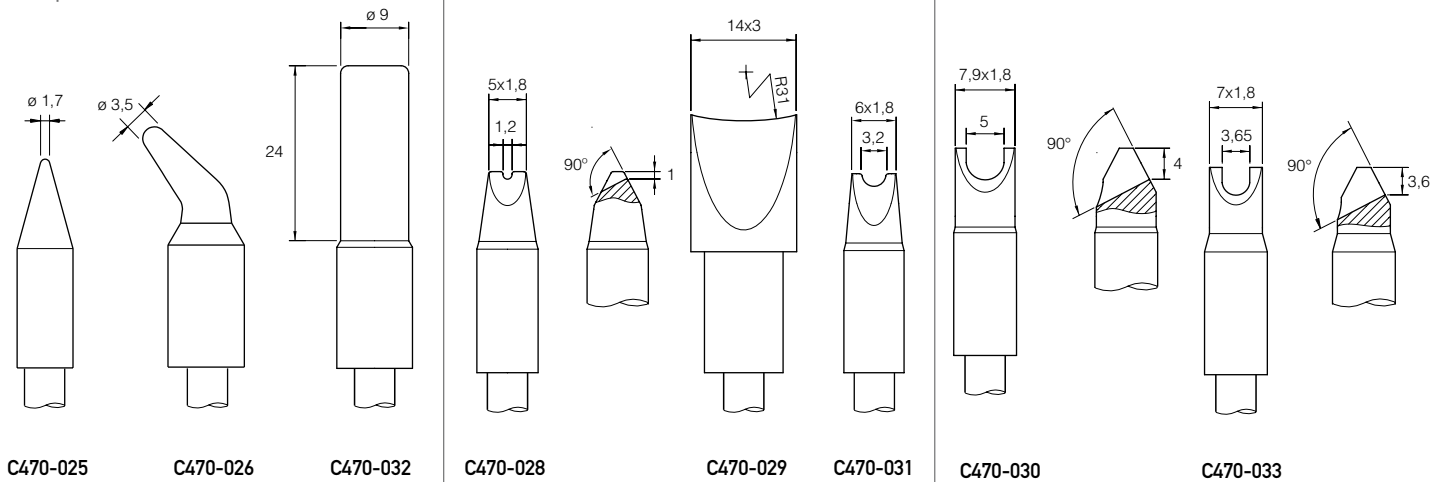


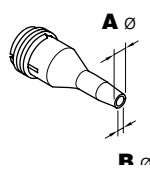
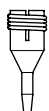
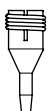
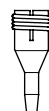
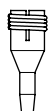
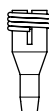
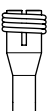
## C470 Special Cartridges for T470 Comfort Handpieces

E 1:1







Cartridges with chrome finish, designed for use plastic rivets:

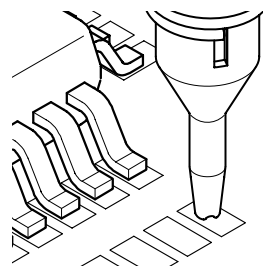


	<b>C360-001</b> ØA=1 ØB=0,6 Ømax. pin=0,4		<b>C360-002</b> ØA=1,2 ØB=0,8 Ømax. pin=0,6		<b>C360-003</b> ØA=1,4 ØB=1 Ømax. pin=0,8		<b>C360-004</b> ØA=1,6 ØB=1,2 Ømax. pin=1		<b>C360-007</b> ØA=1,9 ØB=1,4 Ømax. pin=1,2		<b>C360-006</b> ØA=3 ØB=1,5 Ømax. pin=1,3	
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Standard pad cleaning tip for DS360

The pad cleaning tips feature a distinctive contact surface slit which offers circulation of suction air for easy pad cleaning.

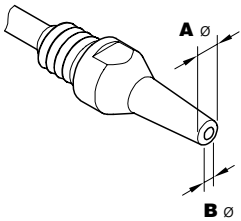
<b>C360-011</b> ØA=1 ØB=0,6		<b>C360-012</b> ØA=1,2 ØB=0,8		<b>C360-013</b> ØA=1,4 ØB=1		<b>C360-014</b> ØA=1,6 ØB=1,2	
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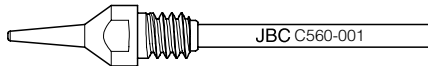
## C560 Tips for DR360 Desoldering Iron

E 1:1



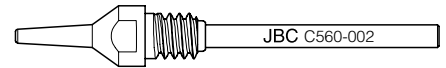
### C560-001HT

$\varnothing A=1,4$   $\varnothing B=0,6$   
 $\varnothing \text{max. pin}=0,4$



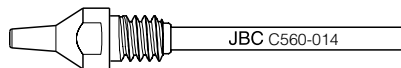
### C560-002HT

$\varnothing A=1,8$   $\varnothing B=0,8$   
 $\varnothing \text{max. pin}=0,6$



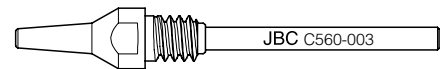
### C560-014

$\varnothing A=2,5$   $\varnothing B=0,8$   
 $\varnothing \text{max. pin}=0,6$



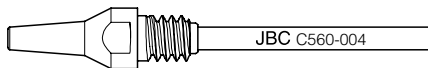
### C560-003

$\varnothing A=2,7$   $\varnothing B=1$   
 $\varnothing \text{max. pin}=0,8$



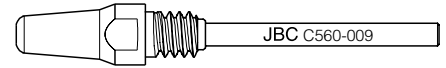
### C560-004

$\varnothing A=3,2$   $\varnothing B=1,3$   
 $\varnothing \text{max. pin}=1,1$



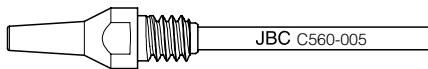
### C560-009

$\varnothing A=5$   $\varnothing B=1,3$   
 $\varnothing \text{max. pin}=1,1$



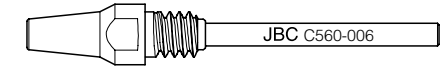
### C560-005

$\varnothing A=3,4$   $\varnothing B=1,5$   
 $\varnothing \text{max. pin}=1,3$



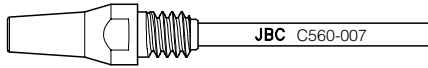
### C560-006

$\varnothing A=4,2$   $\varnothing B=1,9$   
 $\varnothing \text{max. pin}=1,7$



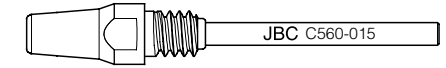
### C560-007

$\varnothing A=4,8$   $\varnothing B=2,4$   
 $\varnothing \text{max. pin}=2,2$



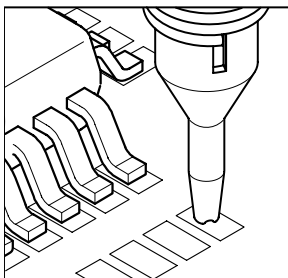
### C560-015

$\varnothing A=5,2$   $\varnothing B=3$   
 $\varnothing \text{max. pin}=2,8$



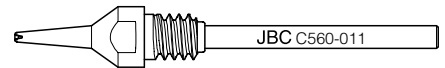
## Standard pad cleaning tip for DR560 Desoldering Iron

The pad cleaning tips feature a distinctive contact surface slit which offers circulation of suction air for easy pad cleaning.



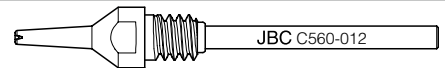
### C560-011HT

$\varnothing A=1,4$   $\varnothing B=0,6$



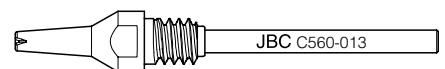
### C560-012HT

$\varnothing A=1,8$   $\varnothing B=0,8$



### C560-013

$\varnothing A=2,7$   $\varnothing B=1$





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