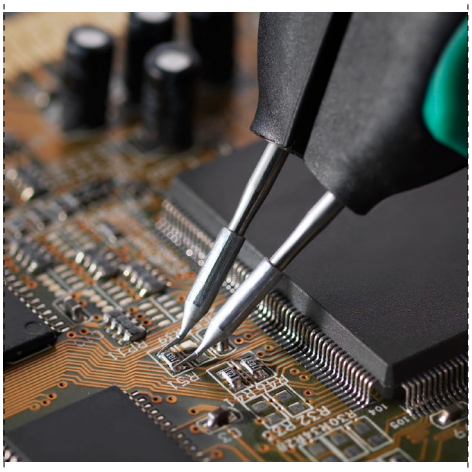
JBC

www.jbctools.com

When the highest precision is your priority

Nase / Nano stations

- The best solution for soldering and desoldering very **small-sized components** such as chips 0201, 0402, 01005, etc.



The most exceptional technology

- JBC's **Advanced Series** has become the best choice for electronics professionals.

- See for yourself the JBC **Exclusive Heating System** and its outstanding thermal performance.

For applications requiring the highest precision

TFT screen

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 anytime.

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

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.

Cleaning & extraction set (x2)

It consists of a **tip cleaning stand** and a **quick tip changer** which can be used single-handed.

Each set can accommodate a different cleaning system and allows you to organize cartridges according to the job. This means you save time and **increase productivity.**

The cleaning system is **replaceable** and can be easily emptied of dirt.

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Intelligent Heat Management

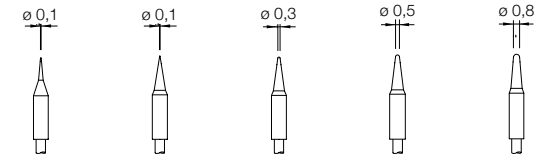
When the tool is placed back on the stand, the **Sleep & Hibernation** features are automatically activated. This lowers the tip temperature and increases a tip's life by more than 5.

Precision tools

The **NT105-A Nano Purpose Soldering Iron** and **NP105-B Steady Nano Tweezers** are the lightest and the most ergonomic. The short distance tip-to-gripensures greater precision. The NANE station is supplied with 2 **NT105 Nano Purpose Soldering Iron**.

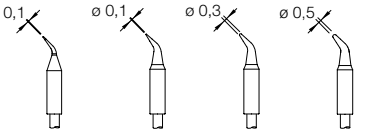
C105 Cartridges for NP105 and NT105

ROUND



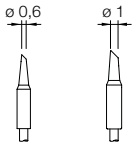
C105-126 C105-101 C105-103 C105-106 C105-107

ROUND BENT



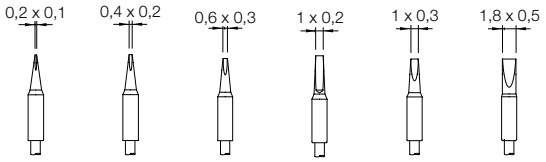
C105-124 C105-118 C105-105 C105-110

BEVEL



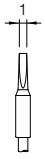
C105-109 C105-127

CHISEL



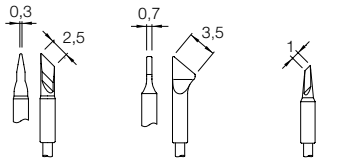
C105-116 C105-117 C105-108 C105-125 C105-113 C105-114

STAINLESS ST. CHISEL



C105-115

KNIFE

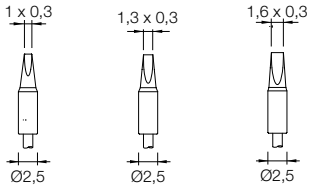


C105-112 C105-111 C105-120

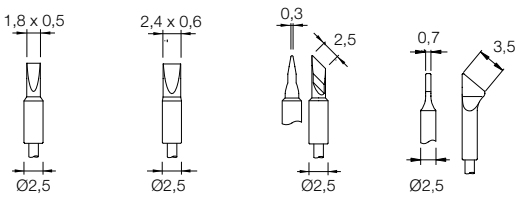
SPOON

C105-128

HIGH THERMAL PERFORMANCE



C105-213 C105-221 C105-222



C105-214 C105-223 C105-212 C105-211

Station Communications

Nano stations incorporate different connectors on the back to share data with other devices. **Increase your working possibilities!**

USB-A Port
By using a USB flash drive: you can update the latest software (from www.jbctools.com), extract graphs and export/import your own settings.

USB-B Port
The user can monitor and manage parameters of several stations from one PC (e.g. graphs of the work process). It is necessary to download the JBC Software Manager and install it to the PC. Available in **www.jbctools.com**

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.

P005-A Pedal
Make the tool enter to hibernation by pushing the pedal. This way you cause no thermal stress when placing the component on the PCB with the Nano Tweezers.

Specifications

Dimensions	170 x 90 x 135 mm (6.69 x 3.54 x 5.31 in)	Temperature selection	90 - 450 ºC (190 - 840 ºF) ± 5%
Weight	1,8 Kg (4.0 lb)	Idle Temp. stability (still air)	± 3 ºC (± 5.5 ºF)
Ref. - Voltage (AC) / Fuse	**NASE-1B / NANE-1B** - 120 V / 0,5A **NASE-2B / NANE-2B** - 230 V / 0,2A **NASE-9B / NANE-9B** - 100 V / 0,5A	Tip to ground resistance	< 2 ohms
Ouput peak power	14 W per tool	Connectors	USB-A / USB-B / Pedal / RJ12 for Robots
Ambient operating Temp.	10 - 40 ºC (50 - 104 ºF)		