JBC
The Soldering Co.

Soldering & Rework

WSS
High-Temperature Precision Wire Stripper Station

ALE
Automatic-Feed Soldering Station

HDE
Heavy Duty Soldering Station

NANE / NASE
2-Tool Nano Stations

COMPACT
Stations

B.IRON
Battery-Powered Stations

Multi-tool Stations with DT530 Angled Desoldering Iron

RMSD
Rework System

DMPSD
Complete Rework

DDSD
2-Tool Rework

Hot Air Stations

TESE / JTSE
Precision / Power

JNA
High-Precision

Tip Cleaning Systems

Preheaters & Rework Benches

Fume Extractor

Modular System

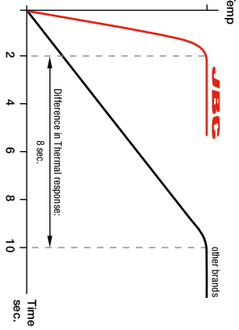
JBC
The Soldering Co.

Why JBC?

+ Solutions + Efficiency + Productivity

Exclusive Heating System

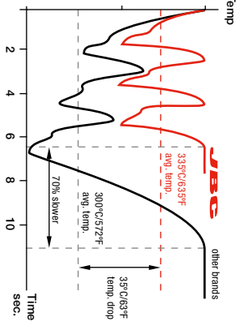
350°C / 662°F in 2 seconds



This graph compares JBC C210 Cartridge Range to other top brand cartridges with similar features

Efficient Temperature Control

Comparative process of 3 solder joints



Tips with JBC technology only drop 30°C (54°F) where others drop as much as 70°C (126°F)

Tip Life 5 Times Longer

By using lower temperatures and **Sleep & Hibernation Modes**, tip life increases exponentially as shown in the graph.

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Quick Cartridge Guide

Most Efficient Soldering System

Used worldwide by:

Siemens	Flextronics	Continental	FoxConn
Apple	Sanmina	Visteon	Motorola
Rockwell Collins	Huawei	Google	Jabil
SpaceX	Boeing	Intel	Commscope

Present in the following sectors:

Automotive, Consumer electronics, Medical, Military, Aerospace & many more....

The best choice for the electronics professional

www.jbctools.com |

0036318/0226

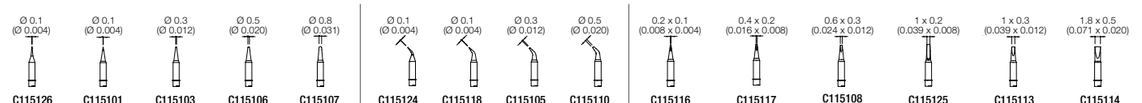
Cartridge Map

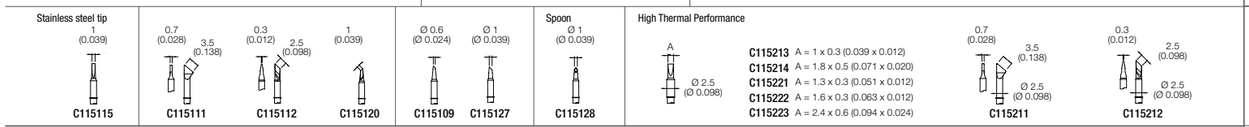
Over **500** Cartridges & **Customized** models

See the **full range** on our website **www.jbctools.com**

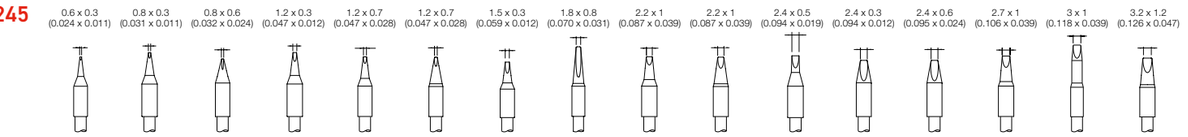
JBC The Soldering Co.

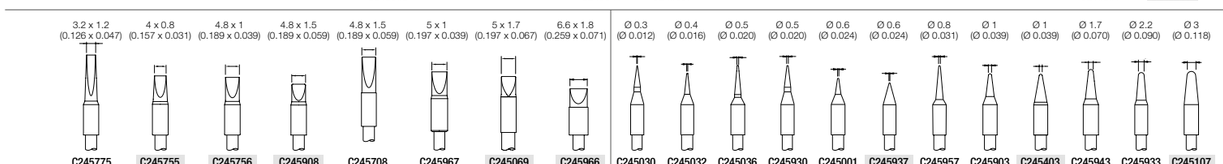
C115

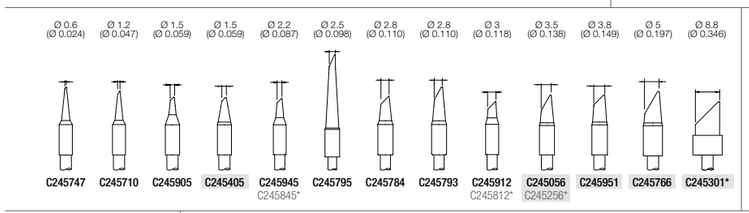




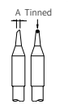
C245



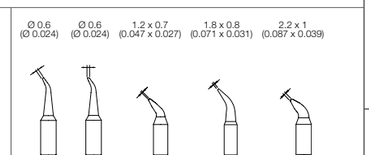


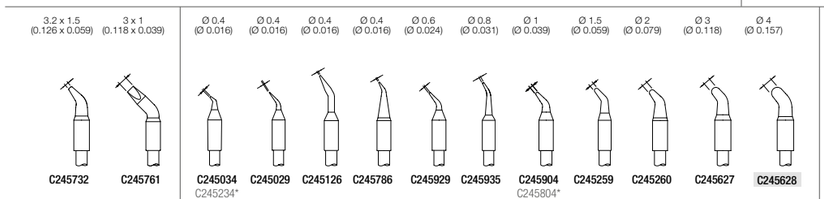


Hoof tip with reduced tinned surface, ideal for touch up

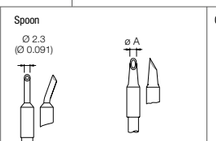


C245064 A = Ø 1.3 (Ø 0.051)
C245102 A = Ø 2 (Ø 0.079)
C245797 A = Ø 3.8 (Ø 0.149)

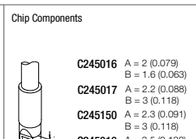




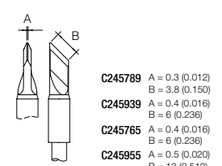
Spoon



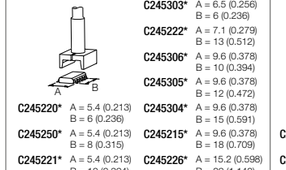
Chip Components



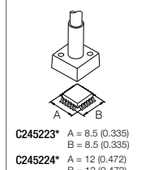
Knife



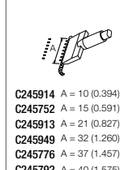
Dual in Line



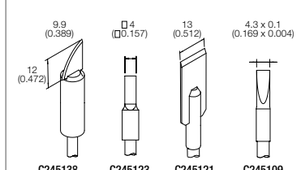
QFP & PLCC



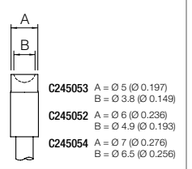
Blade



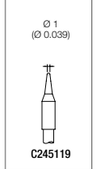
Cartridges with chrome finish, designed for use in plastics



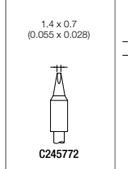
Cartridge with chrome finish, designed for use in plastics



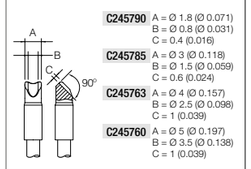
PTFE coated tip



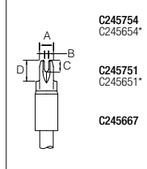
Nickel tip for (High Melting Point) soldering



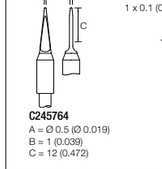
Through-hole and cable soldering



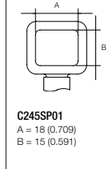
Through-hole drag soldering



Ideal to reach joints

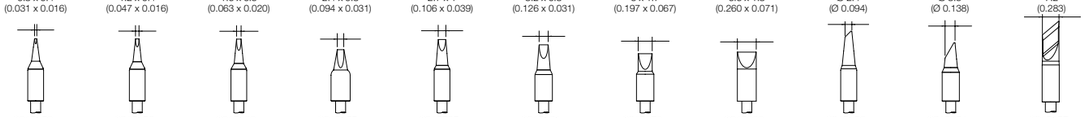


Solder Pot



C245E Cartridges have a reinforced protection on the tip that provides a longer life with a small reduction of thermal efficiency.

C245E



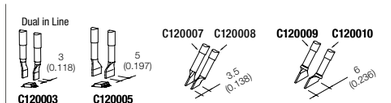
C000000 **High Thermal Efficiency Cartridges: These are characterised by their optimised tip geometries which achieve improved thermal efficiencies of up to 40%.**

C000000* These cartridges are 20mm longer than normal cartridges for easier access to difficult-to-reach joints.

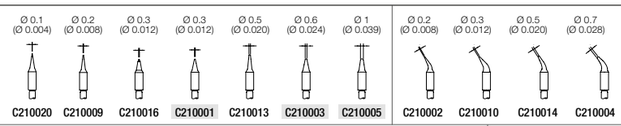
C120

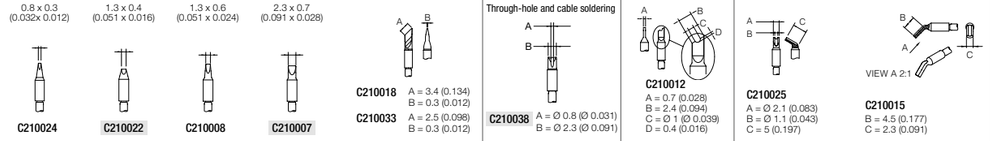
Chip Components

Dual in Line

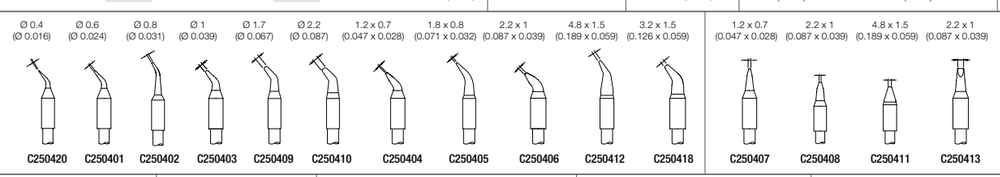


C210

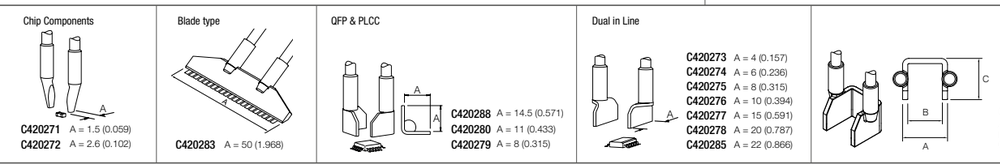




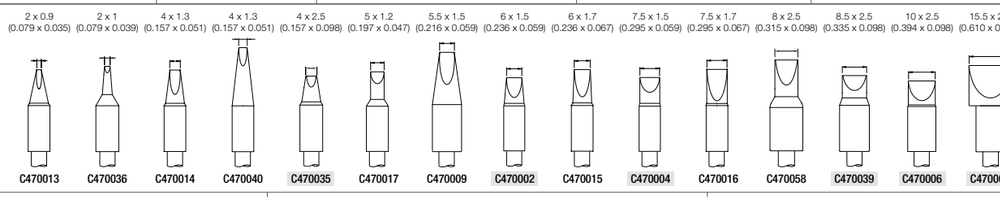
C250

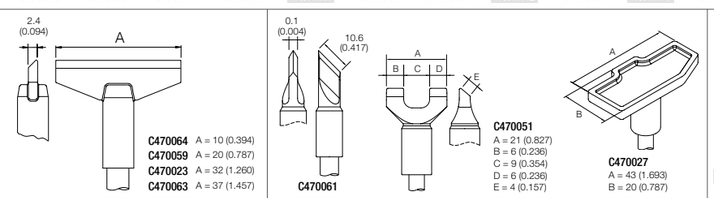


C420

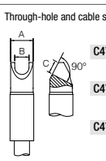


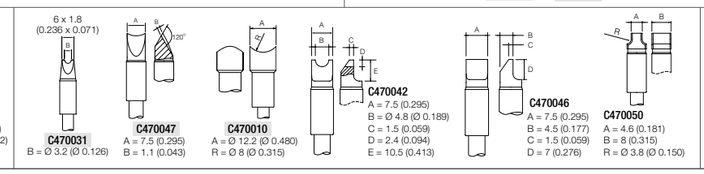
C470



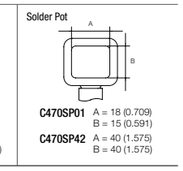


Through-hole and cable soldering

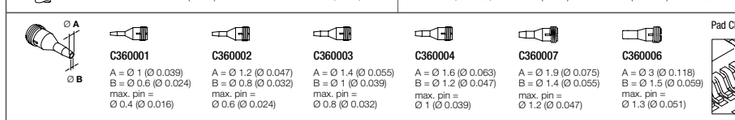




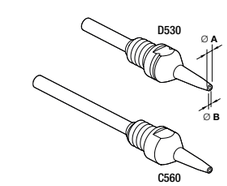
Solder Pot

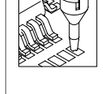


C360

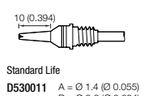


D530 C560





Pad Cleaners Tips



Standard Life

D530011 A = Ø 1.4 (Ø 0.055) B = Ø 0.6 (Ø 0.024)
C560011

D530012 A = Ø 1.8 (Ø 0.071) B = Ø 0.8 (Ø 0.031)
C560012

Extended Life

D530013 A = Ø 2.7 (Ø 0.106) B = Ø 1 (Ø 0.039)
C560013

millimeters / (inches)