

# JBC

presents

# B·IRON

all the power and control of  
our stations in a revolutionary  
Battery-Powered System



# B·IRON

The easiest way of soldering

Our technology lets you work without any limitations

Gain productivity

The backup **B·IRON 500 DUAL** allows continuous work in mass production

### Monitor and control

Download B-IRON App onto your own phone



### Cartridge Exchanger

### Tip Cleaning

### Tool Holder & Charger

### Portability



## New ways to explore and expand your possibilities

Revolutionize your soldering experience with an ergonomic iron designed to provide unique **freedom in usage and versatile functionality** for an optimized performance.

**B-IRON 100**  
100 SMD Soldering joints  
Lightweight  
35 gr

**Application**  
LAB & individual jobs

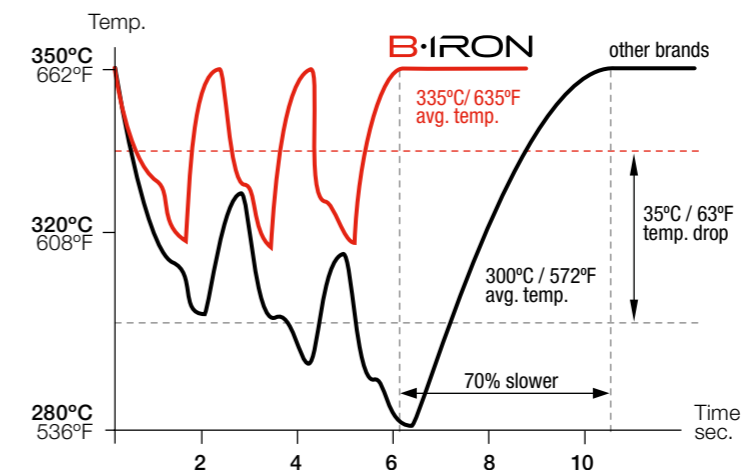


**B-IRON 500**  
500 SMD Soldering joints  
Enhanced Performance  
75 gr

**Application**  
Production & intensive work

## Most Efficient Soldering System

**B-IRON** uses **JBC Exclusive Heating System**, which ensures an extremely quick temperature recovery reaching 350°C in less than 3 seconds.



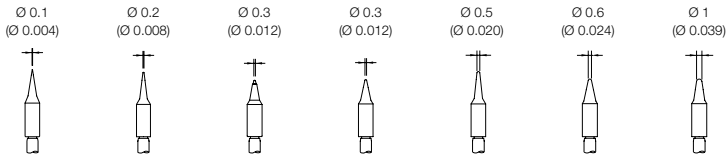
TRY IT!



[www.jbctools.com](http://www.jbctools.com)

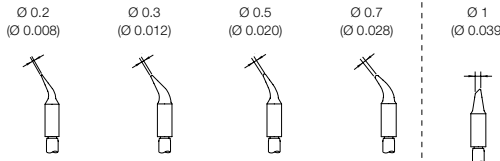
# C210 Cartridge Range

## CONICAL



C210020 C210009 C210016 **C210001** C210013 **C210003** **C210005**

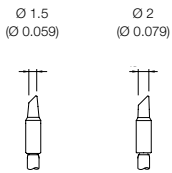
## CONICAL BENT



C210002 C210010 C210014 C210004 C210006

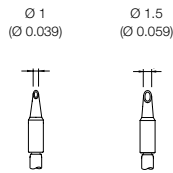
## BEVEL

## BEVEL



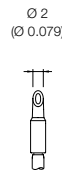
C210027 C210031

## SPOON



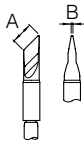
C210028 C210029

## CHISEL

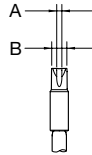


C210019 C210023 C210021 C210024 **C210022** C210008 **C210007**

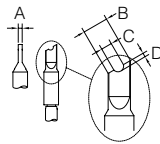
## Through-hole and cable soldering



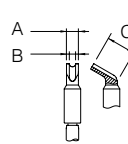
**C210018** A = 3.4 (0.134)  
B = 0.3 (0.012)  
**C210033** A = 2.5 (0.098)  
B = 0.3 (0.012)



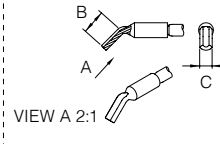
**C210038** A = Ø 0.8 (Ø 0.031)  
B = Ø 2.3 (Ø 0.091)



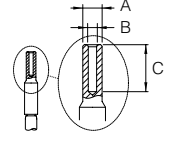
**C210012** A = 0.7 (0.028)  
B = 2.4 (0.094)  
C = Ø 1 (Ø 0.039)  
D = 0.4 (0.016)



**C210025** A = Ø 2.1 (0.083)  
B = Ø 1.1 (0.043)  
C = 5 (0.197)



**C210015** B = 4.5 (0.177)  
C = 2.3 (0.091)



**C210017** A = Ø 2 (0.079)  
B = Ø 0.7 (0.028)  
C = 4.5 (0.177)

**000000** High Thermal Efficiency Cartridges: These are characterised by their optimised tip geometries which achieve improved thermal efficiencies of up to 40%.

## Battery-Powered Stations



### B-IRON 100 Battery-Powered Soldering Station

Specially designed for R&D and individual jobs.

Tool weight: 35gr  
Output peak power: 24W



### B-IRON 500 Battery-Powered Soldering Station

Specially designed for electronic production and intensive jobs.

Tool weight: 75gr  
Output peak power: 24W



### B-IRON 500 DUAL Battery-Powered Soldering Station

Allows continuous work in mass production.

Tool weight: 75gr  
Output peak power: 24W

