

JBC

The Soldering Co.



Cartridge Guide for Automated Processes

The best soldering technology applied to automation

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 quick and efficient service.

The power of experience

More than 90 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.

High technology, superior quality

Product perfection 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.

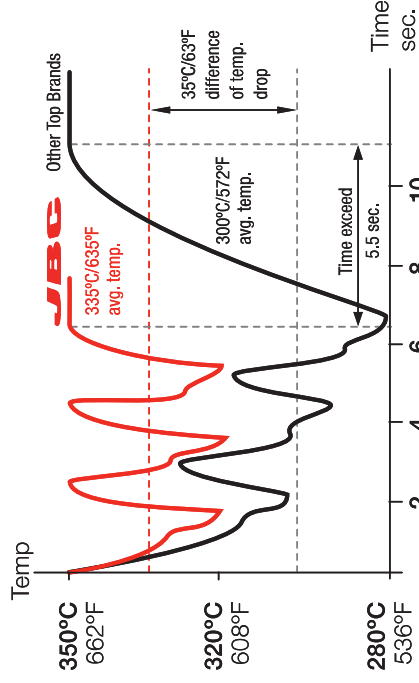
The Most Efficient Soldering System

JBC Exclusive Heating System

JBC **HA Soldering Unit** works with JBC Exclusive Heating System, which recovers tip temperature extremely quickly. This increases work efficiency and allows the user to work with lower temperatures.

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)

Cartridges with extended tip life

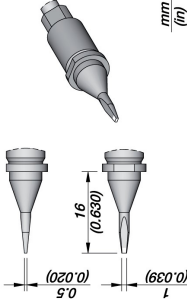
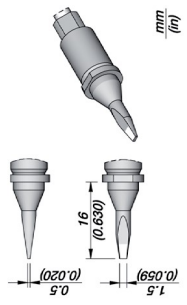
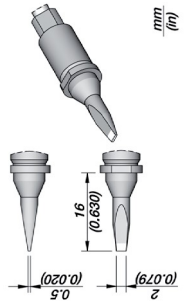
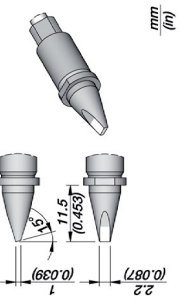
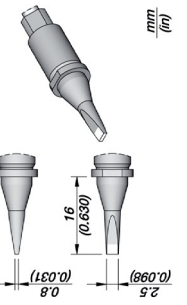
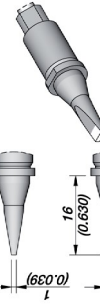
The essential part of the soldering iron is the tip so JBC has **over 50 models of cartridges** of different shapes and sizes for automation.

We offer the possibility to **manufacture your special tip geometry**. Do not hesitate to ask for: customtips@jbctools.com.



R245 Cartridge Range for TRA245 and TR245 Automated Processes

R245 Cartridge Range for TRA245 and TR245 Auto

Ref.	Description	Image and dimensions	Suggested components	Compatible with
R245016	Cartridge Chisel 1 x 0.5 mm 0.039 x 0.020 in		General use	Soldering Unit: HA245 Cartridge Stand: CS2R245
R245017	Cartridge Chisel 1.5 x 0.5 mm 0.059 x 0.020 in		General use	Soldering Unit: HA245 Cartridge Stand: CS2R245
R245018	Cartridge Chisel 2 x 0.5 mm 0.079 x 0.020 in		General use	Soldering Unit: HA245 Cartridge Stand: CS2R245
R245008	Cartridge Chisel 2.2 x 1 mm S1 0.087 x 0.039 in		General use	Soldering Unit: HA245 Cartridge Stand: CS2R245
R245019	Cartridge Chisel 2.5 x 0.8 mm 0.098 x 0.031 in		General use	Soldering Unit: HA245 Cartridge Stand: CS2R245
R245020	Cartridge Chisel 3 x 1 mm S1		General use	Soldering Unit: HA245 Cartridge Stand:

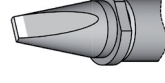
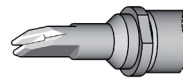
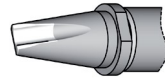
Ref.	Description
R245022	Cartridge Grooved Chisel 1 x 0.4 mm 0.039 x 0.016 in
R245023	Cartridge Grooved Chisel 1.3 x 0.5 mm 0.051 x 0.197 in
R245024	Cartridge Grooved Chisel 2 x 0.8 mm 0.079 x 0.031 in
R245025	Cartridge Grooved Chisel 4 x 1 mm 0.157 x 0.039 in
R245009	Cartridge Pin / Connector Ø 0.8 mm S1 Ø 0.031 in
R245028	Cartridge Pin / Connector Ø 1 mm

R470 Cartridge Range

for TRA470 and TR470 Automated

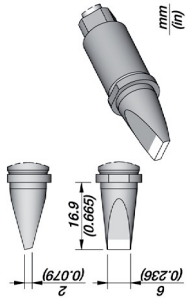
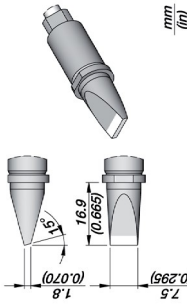
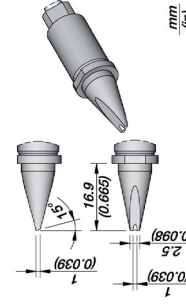
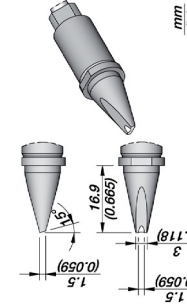
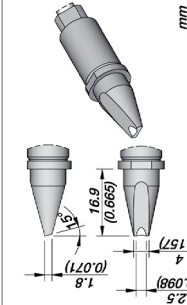
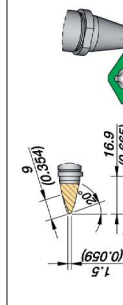
R245 Cartridge Range for TRA245 and TR245 Automated Processes

Ref.	Description	Image and dimensions	Suggested components	Compatible with
R245012	Cartridge Pin / Connector Ø 3.5 mm S1 Ø 0.138 in		Through-hole Cable soldering	Soldering Unit: HA245 Cartridge Stand: CS2R245
R245015	Cartridge Pin / Connector Ø 1 mm Ø 0.039 in		Through-hole Cable soldering	Soldering Unit: HA245 Cartridge Stand: CS2R245
R245026	Cartridge Drag 0.75 mm 0.029 in		Drag soldering	Soldering Unit: HA245 Cartridge Stand: CS2R245
R245027	Cartridge Drag Ø 1 mm Ø 0.039 in		Drag soldering	Soldering Unit: HA245 Cartridge Stand: CS2R245
R245029	Cartridge Drag 1.25 mm S1 0.049 in		Drag soldering	Soldering Unit: HA245 Cartridge Stand: CS2R245

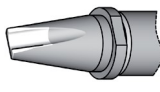

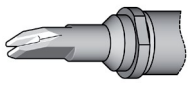


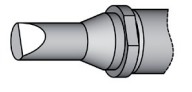


Ref.	Description
R470019	Cartridge Chisel 1.5 x 1 mm S1 0.059 x 0.039 in
R470020	Cartridge Chisel 2 x 1 mm S1 0.078 x 0.039 in
R470021	Cartridge Chisel 2.5 x 1 mm S1 0.098 x 0.039 in
R470029	Cartridge Chisel 2.7 x 1 mm 0.098 x 0.039 in
R470034	Cartridge Chisel 3 x 1.2 mm 0.118 x 0.047 in
R470022	Cartridge Chisel 4 x 1.5 mm S1 0.157 x 0.059 in

R470 Cartridge Range for TRA470 and TR470 Automated Processes

Ref.	Description	Image and dimensions	Suggested components	Compatible with
R470035	Cartridge Chisel 6 x 2 mm 0.236 x 0.079 in		General use	Soldering Unit: HA470 Cartridge Stand: CS2R470
R470025	Cartridge Chisel 7.5 x 1.8 mm S1 0.295 x 0.070 in		General use	Soldering Unit: HA470 Cartridge Stand: CS2R470
R470042	Cartridge Grooved Chisel 2.5 x 1 mm 0.098 x 0.039 in		General use	Soldering Unit: HA470 Cartridge Stand: CS2R470
R470043	Cartridge Grooved Chisel 3 x 1.5 mm 0.118 x 0.059 in		General use	Soldering Unit: HA470 Cartridge Stand: CS2R470
R470044	Cartridge Grooved Chisel 4 x 1.8 mm 0.157 x 0.071 in		General use	Soldering Unit: HA470 Cartridge Stand: CS2R470
R470041	Cartridge Pin / Connector		Through-hole	Soldering Unit: HA470

R470 Cartridge Range for TRA470 and TR470 Auto

Ref.	Description	Image
R470028	Cartridge Pin / Connector Ø 3.8 mm Ø 0.150 in	
R470032	Cartridge Pin / Connector Ø 4 mm Ø 0.157 in	
R470045	Cartridge Drag 0.75 mm S2 0.029 in	
R470036	Cartridge Drag 1 mm 0.039 in	
R470046	Cartridge Drag 1.3 mm S2 0.051 in	
R470037	Cartridge Bevel Ø 3 mm Ø 0.118 in	

Notes

Notes

ESD safe



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