

JBC

www.jbc-tools.com

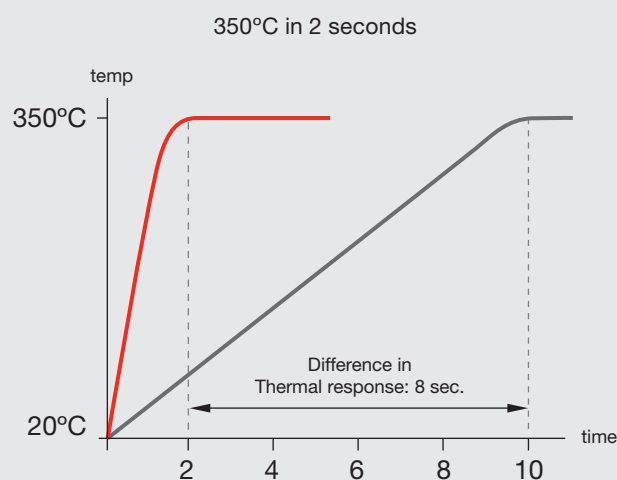
Why JBC?



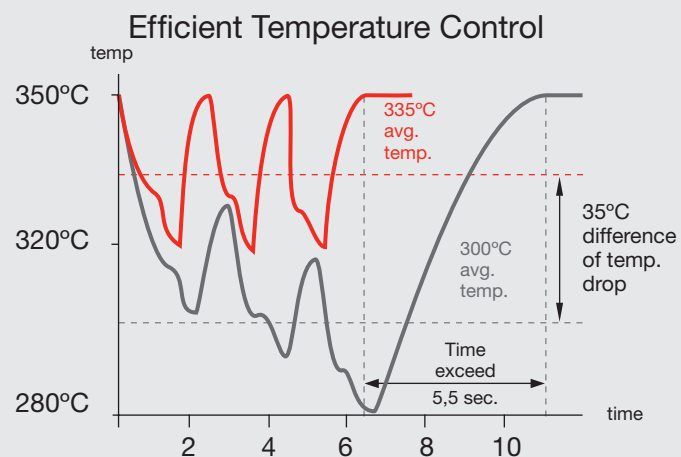
solutions
efficiency
productivity

Exclusive Heating System

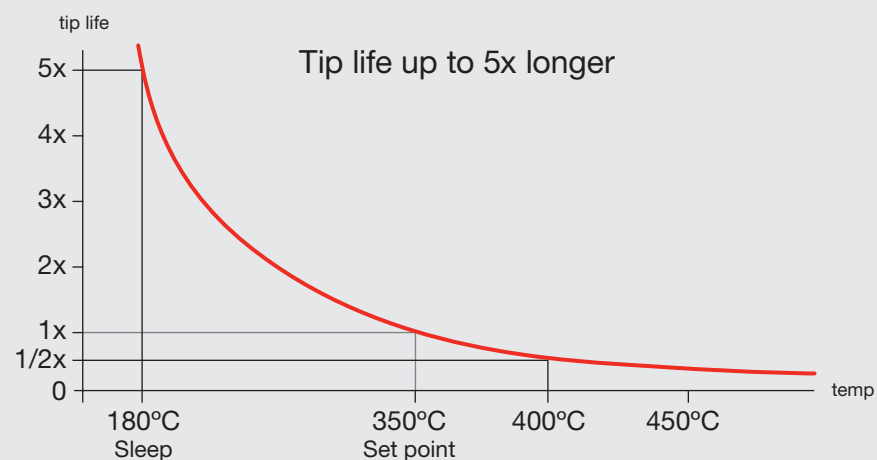
— JBC
— Another Top brand



This means you save time and increase production.



Comparative process of 3 solder joints.
The tip temperature in JBC only drops 35 °C.



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

The **best choice** for the electronics professional

JBC

www.jbc-tools.com

Cartridge
guide



Believe in Innovation
Enjoy the power

Used worldwide by:

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

Present in the following sectors:

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

Compact line



Premium line



Modular line



C105

Stainless steel tip

High Thermal Performance

C105-101 C105-103 C105-106 C105-107 C105-124 C105-118 C105-105 C105-110 C105-116 C105-117 C105-108 C105-113 C105-114 C105-109 C105-111 C105-112 C105-120 C105-115

C105-213 C105-221 C105-222 C105-214 C105-223 C105-211 C105-212

C120

Chips Components

Dual In Line

C120-002 C120-902 C120-006 C120-004 C120-012 C120-011 C120-001 C120-003 C120-005 C120-007 C120-008 C120-009 C120-010

C420

Chips Components

Blade type

QFP y PLCC

Dual In Line

Cable Stripper

SPECIAL

C420-271 A = 1,5 mm
C420-272 A = 2,6 mm

C420-283 A = 50 mm

C420-280 A = 11,0 mm
C420-279 A = 8,0 mm

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

C420-281 C420-282 A = 3,5 mm max.

C420-286 C420-287

C130

C130-401 C130-402 C130-403 C130-409 C130-410 C130-416 C130-417 C130-404 C130-405 C130-406 C130-418 C130-419

C210

C210-020 C210-009 C210-016 C210-001 C210-013 C210-003 C210-005 C210-002 C210-010 C210-014 C210-004 C210-006

C210-019 C210-023 C210-021 C210-024 C210-022 C210-008 C210-007 C210-018 C210-012 C210-025 C210-015 C210-017

To solder inside a connector

To solder through hole components on multilayer PCBs

C245

C245-731 C245-773 C245-742 C245-774 C245-906 C245-806* C245-768 C245-944 C245-907 C245-407 C245-759 C245-770 C245-741 C245-729 C245-061 C245-911 C245-775 C245-755 C245-756 C245-908 C245-708 C245-069 C245-673* C245-806* C245-807* C245-811* C245-845* C245-812* C245-256* C245-808*

C245-966 C245-030 C245-032 C245-036 C245-930 C245-001 C245-937 C245-957 C245-903 C245-403 C245-943 C245-933 C245-107 C245-747 C245-710 C245-905 C245-405 C245-945 C245-912 C245-056 C245-951 C245-766 C245-866* C245-201*

C245-748 C245-749 C245-962 C245-963 C245-946 C245-732 C245-761 C245-034 C245-029 C245-126 C245-929 C245-935 C245-904 C245-259 C245-260 C245-627 C245-628 C245-067 C245-938 A = 3,8 mm C245-931 A = 2,7 mm C245-965 A = 1,9 mm

Mini Spoon

Cartridges to solder SMT IC

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

Chip Components

Dual In Line

QFP y PLCC

For PLCC Sockets

Blade type

Bevel Edge Tips

C245-009 C245-010 C245-064 C245-102 C245-019 A = 4,5 C245-018 A = 3,4 C245-017 A = 2,2 C245-016 A = 1,9 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 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 C245-247 N. of contact positions = 44 A = 17,0 B = 17,0 C245-248 N. of contact positions = 32 A = 11,9 B = 14,5 C245-776 A = 37 C245-949 A = 32 C245-913 A = 21 C245-752 A = 15 C245-914 A = 10 C245-939 C245-955 C245-765

Cartridges with chrome finish, designed for use in plastics

Cartridges with big contact surface to solder wide area

Cable soldering

PTFE coated tip

Through hole soldering

Tip with an extra tinned surface

Rework blade

Pure nickel tip for HMP (High Melting Point) soldering

C245-053 C245-052 C245-054 C245-138 C245-143 C245-312 C245-313 C245-124 C245-123 C245-121 C245-109 C245-311 C245-301 C245-118 C245-119 C245-117 C245-041 C245-730 C245-772

Fast soldering on contacts in male connectors

To solder inside a connector

Through hole drag soldering

Ideal to reach joints

C245-268 C245-136 C245-116 C245-763 C245-760 C245-762 C245-150 C245-757 C245-758 C245-122 C245-754 C245-654* C245-751 C245-651* C245-667 C245-764 C245-771

C250-420 C250-401 C250-402 C250-403 C250-409 C250-410 C250-404 C250-405 C250-406 C250-412 C250-418 C250-407 C250-408 C250-411 C250-413 C250-414 C250-415

C470

C470-013 C470-036 C470-014 C470-040 C470-035 C470-017 C470-002 C470-015 C470-004 C470-016 C470-039 C470-006 C470-009 C470-007 C470-034 C470-018 C470-019 C470-003 C470-001 C470-008

C470 SPECIAL

Cartridges with chrome finish, designed for use in plastic

C470-051 C470-023 C470-005 C470-011 C470-012 C470-038 C470-020 C470-021 C470-022 C470-027 C470-044 C470-025 C470-026 C470-032

C470-028 C470-031 C470-048 C470-055 C470-049 C470-033 C470-030 C470-037 C470-041

C470-047 C470-010 C470-052 C470-029 C470-042 C470-046 C470-050 C470-043 C470-045

C360

Pad Cleaners Tips

C360-001 C360-002 C360-003 C360-004 C360-007 C360-006 C360-011 C360-012 C360-013 C360-014

ØA = 1 mm ØB = 0,6 mm Ømax. pin = 0,4 mm

ØA = 1,2 mm ØB = 0,8 mm Ømax. pin = 0,6 mm

ØA = 1,4 mm ØB = 1 mm Ømax. pin = 0,8 mm

ØA = 1,6 mm ØB = 1,2 mm Ømax. pin = 1 mm

ØA = 1,9 mm ØB = 1,4 mm Ømax. pin = 1,2 mm

ØA = 3 mm ØB = 1,5 mm Ømax. pin = 1,3 mm

ØA = 1 mm ØB = 0,6 mm

ØA = 1,2 mm ØB = 0,8 mm

ØA = 1,4 mm ØB = 1 mm

ØA = 1,6 mm ØB = 1,2 mm

C560

Pad Cleaners Tips

C560-001 C560-002 C560-014 C560-003 C560-004 C560-009 C560-005 C560-006 C560-007 C560-015

ØA = 1,4 mm ØB = 0,6 mm Ømax. pin = 0,4 mm

ØA = 1,8 mm ØB = 0,8 mm Ømax. pin = 0,6 mm

ØA = 2,5 mm ØB = 0,8 mm Ømax. pin = 0,6 mm

ØA = 2,7 mm ØB = 1 mm Ømax. pin = 0,8 mm

ØA = 3,2 mm ØB = 1,3 mm Ømax. pin = 1,1 mm

ØA = 5 mm ØB = 1,3 mm Ømax. pin = 1,1 mm

ØA = 3,4 mm ØB = 1,5 mm Ømax. pin = 1,3 mm

ØA = 4,2 mm ØB = 1,9 mm Ømax. pin = 1,7 mm

ØA = 4,8 mm ØB = 2,4 mm Ømax. pin = 2,2 mm

ØA = 5,2 mm ØB = 3 mm Ømax. pin = 2,8 mm

C560-011HT Standard Life ØA = 1,4 mm ØB = 0,6 mm

C560-012HT Standard Life ØA = 1,8 mm ØB = 0,8 mm

C560-013 Extended Life ØA = 2,7 mm ØB = 1 mm

C000-000 High Thermal Efficiency Cartridges: These are characterised by their optimised tip geometries which achieve improved thermal efficiencies of up to 40%.
C000-000* These cartridges are 20mm longer than normal cartridges for easier access to difficult-to-reach joints