

Soldering & Rework



Multi-tool Stations with DT530 Angled Desoldering Iron



Hot Air Stations



Tip Cleaning Systems



Preheaters & Rework Benches



Fume Extractor



Modular System

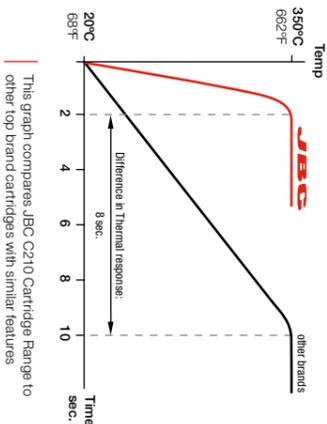


Why JBC?

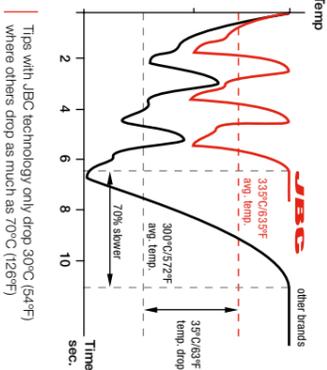
- + Solutions
- + Efficiency
- + Productivity

Exclusive Heating System

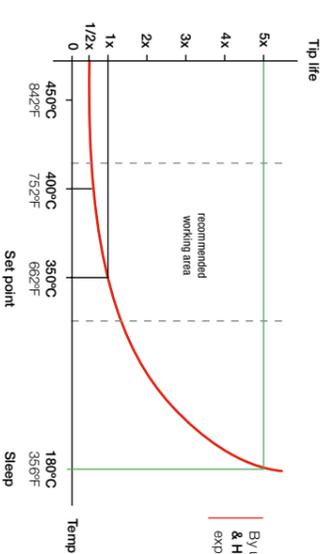
350°C / 662°F in 2 seconds



Efficient Temperature Control
Comparative process of 3 solder joints



Tip Life 5 Times Longer



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

Most Efficient Soldering System



Quick Cartridge Guide

The best choice for the electronics professional

www.jbctools.com | Facebook | Instagram | LinkedIn



0036318/0226

Used worldwide by:

Siemens
Apple
Rockwell Collins
SpaceX

Flextronics
Sannina
Huawei
Boeing

Continental
Visteon
Google
Intel

FoxConn
Motorola
Jabil
CommScope

Present in the following sectors:

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

C115

C115126 $\varnothing 0.1$ (0.004) **C115101** $\varnothing 0.1$ (0.004) **C115103** $\varnothing 0.3$ (0.012) **C115106** $\varnothing 0.5$ (0.020) **C115107** $\varnothing 0.8$ (0.031)
C115124 $\varnothing 0.1$ (0.004) **C115118** $\varnothing 0.1$ (0.004) **C115105** $\varnothing 0.3$ (0.012) **C115110** $\varnothing 0.5$ (0.020) **C115116** 0.2×0.1 (0.008 x 0.004) **C115117** 0.4×0.2 (0.016 x 0.008) **C115108** 0.6×0.3 (0.024 x 0.012) **C115125** 1×0.2 (0.039 x 0.012) **C115113** 1×0.3 (0.039 x 0.012) **C115114** 1.8×0.5 (0.071 x 0.020)

C115115 Stainless steel tip $\varnothing 0.39$
C115111 0.7 (0.028) 3.5 (0.138)
C115112 0.3 (0.012) 2.5 (0.098)
C115120 1 (0.039)
C115109 $\varnothing 0.6$ (0.024) **C115127** $\varnothing 1$ (0.039)
C115128 Spoon $\varnothing 1$ (0.039)
C115211 0.7 (0.028) 3.5 (0.138) $\varnothing 2.5$ (0.098)
C115212 0.3 (0.012) 2.5 (0.098) $\varnothing 2.5$ (0.098)

High Thermal Performance

C115213 A = 1 x 0.3 (0.039 x 0.012)
C115214 A = 1.8 x 0.5 (0.071 x 0.020)
C115221 A = 1.3 x 0.3 (0.051 x 0.012)
C115222 A = 1.6 x 0.3 (0.063 x 0.012)
C115223 A = 2.4 x 0.6 (0.094 x 0.024)

C120

Chip Components

C120002 $\varnothing 0.2$ (0.008) 1.5 (0.059) **C120902** $\varnothing 0.3$ (0.012) 1.5 (0.059) **C120006** $\varnothing 0.5$ (0.020) 1.5 (0.059) **C120004** $\varnothing 0.7$ (0.028) 1.5 (0.059) **C120012** $\varnothing 0.7$ (0.028) 5 (0.196) **C120011** 0.6×0.3 (0.024 x 0.012) **C120001** $\varnothing 0.2$ (0.008)

Dual in Line

C120003 $\varnothing 1$ (0.039) **C120005** $\varnothing 1.5$ (0.059) **C120007** $\varnothing 2$ (0.079) **C120008** $\varnothing 1$ (0.039) **C120009** $\varnothing 1.5$ (0.059) **C120010** $\varnothing 2$ (0.079) **C120019** 0.2×0.1 (0.008 x 0.004) **C120023** 0.4×0.2 (0.016 x 0.008) **C120021** 0.6×0.3 (0.024 x 0.012)

C210

C210020 $\varnothing 0.1$ (0.004) **C210009** $\varnothing 0.2$ (0.008) **C210016** $\varnothing 0.3$ (0.012) **C210001** $\varnothing 0.3$ (0.012) **C210013** $\varnothing 0.5$ (0.020) **C210003** $\varnothing 0.6$ (0.024) **C210005** $\varnothing 1$ (0.039) **C210002** $\varnothing 0.2$ (0.008) **C210010** $\varnothing 0.3$ (0.012) **C210014** $\varnothing 0.5$ (0.020) **C210004** $\varnothing 0.7$ (0.028) **C210006** $\varnothing 1$ (0.039) **C210027** $\varnothing 1.5$ (0.059) **C210031** $\varnothing 2$ (0.079) **C210028** $\varnothing 1$ (0.039) **C210029** $\varnothing 1.5$ (0.059) **C210030** $\varnothing 2$ (0.079) **C210019** 0.2×0.1 (0.008 x 0.004) **C210023** 0.4×0.2 (0.016 x 0.008) **C210021** 0.6×0.3 (0.024 x 0.012)

C245

C245731 0.6×0.3 (0.024 x 0.012) **C245773** 0.8×0.3 (0.031 x 0.012) **C245742** 0.8×0.6 (0.032 x 0.024) **C245774** 1.2×0.3 (0.047 x 0.012) **C245906** 1.2×0.7 (0.047 x 0.028) **C245406** 1.2×0.7 (0.047 x 0.028) **C245768** 1.5×0.3 (0.059 x 0.012) **C245944** 1.8×0.8 (0.070 x 0.031) **C245907** 2.2×1 (0.087 x 0.039) **C245407** 2.2×1 (0.087 x 0.039) **C245759** 2.4×0.5 (0.094 x 0.019) **C245770** 2.4×0.3 (0.094 x 0.012) **C245741** 2.4×0.6 (0.095 x 0.024) **C245729** 2.7×1 (0.106 x 0.039) **C245061** 3×1 (0.118 x 0.039) **C245911** 3.2×1.2 (0.126 x 0.047)

C245775 3.2×1.2 (0.126 x 0.047) **C245755** 4×0.8 (0.157 x 0.031) **C245756** 4.8×1 (0.189 x 0.039) **C245908** 4.8×1.5 (0.189 x 0.059) **C245708** 4.8×1.5 (0.189 x 0.059) **C245967** 5×1 (0.197 x 0.039) **C245069** 5×1.7 (0.197 x 0.067) **C245966** 6.6×1.8 (0.259 x 0.071) **C245030** $\varnothing 0.3$ (0.012) **C245032** $\varnothing 0.4$ (0.016) **C245036** $\varnothing 0.5$ (0.020) **C245930** $\varnothing 0.6$ (0.024) **C245001** $\varnothing 0.6$ (0.024) **C245937** $\varnothing 0.8$ (0.031) **C245957** $\varnothing 1$ (0.039) **C245903** $\varnothing 1$ (0.039) **C245403** $\varnothing 1.7$ (0.070) **C245943** $\varnothing 2.2$ (0.090) **C245107** $\varnothing 3$ (0.118)

C250

C250420 $\varnothing 0.4$ (0.016) **C250401** $\varnothing 0.6$ (0.024) **C250402** $\varnothing 0.8$ (0.031) **C250403** $\varnothing 1$ (0.039) **C250409** $\varnothing 1.7$ (0.067) **C250410** $\varnothing 2.2$ (0.087) 1.2×0.7 (0.047 x 0.028) **C250404** 1.8×0.8 (0.071 x 0.032) **C250405** 2.2×1 (0.087 x 0.039) 4.8×1.5 (0.189 x 0.059) **C250412** 3.2×1.5 (0.126 x 0.059) **C250418** 1.2×0.7 (0.047 x 0.028) **C250407** 2.2×1 (0.087 x 0.039) **C250408** 4.8×1.5 (0.189 x 0.059) **C250411** 4.8×1.5 (0.189 x 0.059) **C250413** 2.2×1 (0.087 x 0.039) **C250414** $\varnothing 2.2$ (0.087) **C250415** $\varnothing 3.8$ (0.149)

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 = 0.8 (0.031) B = 0.3 (0.012)
C210012 A = 0.7 (0.028) B = 2.4 (0.094) C = 0.1 (0.039)
C210025 A = 0.2 (0.083) B = 4.5 (0.177) C = 2.3 (0.091)
C210015 A = 0.2 (0.079) B = 4.5 (0.177) C = 2.3 (0.091)
C210017 A = 0.2 (0.079) B = 4.5 (0.177) C = 2.3 (0.091)

C245E

C245747 $\varnothing 0.6$ (0.024) **C245710** $\varnothing 1.2$ (0.047) **C245905** $\varnothing 1.5$ (0.059) **C245405** $\varnothing 1.5$ (0.059) **C245945** $\varnothing 2.2$ (0.087) **C245795** $\varnothing 2.5$ (0.098) **C245784** $\varnothing 2.8$ (0.110) **C245793** $\varnothing 2.8$ (0.110) **C245912** $\varnothing 3$ (0.118) **C245056** $\varnothing 3.5$ (0.138) **C245951** $\varnothing 3.8$ (0.149) **C245766** $\varnothing 5$ (0.197) **C245301** $\varnothing 8.8$ (0.346)

Hoof tip with reduced tinned surface, ideal for touch up

C245064 A = 0.13 (0.051)
C245102 A = 0.2 (0.079)
C245797 A = 0.3 (0.149)

C245748 $\varnothing 0.6$ (0.024) **C245749** $\varnothing 0.6$ (0.024) **C245962** 1.2×0.7 (0.047 x 0.027) **C245963** 1.8×0.8 (0.071 x 0.031) **C245946** 2.2×1 (0.087 x 0.039)

C420

C420271 $\varnothing 0.4$ (0.016) **C420272** $\varnothing 0.6$ (0.024) **C420273** $\varnothing 0.8$ (0.031) **C420274** $\varnothing 1$ (0.039) **C420275** $\varnothing 1.7$ (0.067) **C420276** $\varnothing 2.2$ (0.087) **C420277** 1.2×0.7 (0.047 x 0.028) **C420278** 1.8×0.8 (0.071 x 0.032) **C420279** 2.2×1 (0.087 x 0.039) **C420280** 4.8×1.5 (0.189 x 0.059) **C420281** 3.2×1.5 (0.126 x 0.059) **C420282** 1.2×0.7 (0.047 x 0.028) **C420283** 2.2×1 (0.087 x 0.039) **C420284** 4.8×1.5 (0.189 x 0.059) **C420285** 4.8×1.5 (0.189 x 0.059) **C420286** 8.5×2.5 (0.335 x 0.098) **C420287** 10×2.5 (0.394 x 0.098) **C420288** 15.5×2.5 (0.610 x 0.098) **C420289** $\varnothing 3.5$ (0.138) **C420290** $\varnothing 7.5$ (0.295) **C420291** $\varnothing 10$ (0.394)

Chip Components

C420271 A = 1.5 (0.059) **C420272** A = 2.6 (0.102) **C420283** A = 50 (1.968) **C420288** A = 14.5 (0.571) **C420289** A = 11 (0.433) **C420279** A = 8 (0.315)

Blade type

C420283 A = 50 (1.968)

DFP & PLCC

C420288 A = 14.5 (0.571) **C420289** A = 11 (0.433) **C420279** A = 8 (0.315)

Dual in Line

C420273 A = 4 (0.157) **C420274** A = 6 (0.236) **C420275** A = 8 (0.315) **C420276** A = 10 (0.394) **C420277** A = 15 (0.591) **C420278** A = 20 (0.787) **C420285** A = 22 (0.866)

Solder Pot

C420286 A = 15.6 (0.614) B = 12 (0.472) C = 14.3 (0.563) **C420287** A = 2 (0.079)

C245E

C245732 3.2×1.5 (0.126 x 0.059) **C245761** 3×1 (0.118 x 0.039) **C245034** $\varnothing 0.4$ (0.016) **C245029** $\varnothing 0.4$ (0.016) **C245126** $\varnothing 0.4$ (0.016) **C245786** $\varnothing 0.6$ (0.024) **C245929** $\varnothing 0.8$ (0.031) **C245935** $\varnothing 1$ (0.039) **C245904** $\varnothing 1.5$ (0.059) **C245259** $\varnothing 2$ (0.079) **C245260** $\varnothing 3$ (0.118) **C245627** $\varnothing 3$ (0.118) **C245628** $\varnothing 4$ (0.157)

Spoon

C245067 $\varnothing 2.3$ (0.091)

Chip Components

C245016 A = 2 (0.079) B = 1.6 (0.063)
C245017 A = 2.2 (0.088) B = 3 (0.118)
C245150 A = 2.3 (0.091) B = 3 (0.118)
C245018 A = 3.5 (0.138) B = 2.2 (0.087)
C245019 A = 4.6 (0.181) B = 2.5 (0.098)

C470

C470013 2×0.9 (0.079 x 0.035) **C470036** 2×1 (0.079 x 0.039) **C470014** 4×1.3 (0.157 x 0.051) **C470040** 4×1.3 (0.157 x 0.051) **C470035** 4×2.5 (0.157 x 0.098) **C470017** 5×1.2 (0.197 x 0.047) **C470009** 5.5×1.5 (0.216 x 0.059) **C470002** 6×1.5 (0.236 x 0.059) **C470015** 6×1.7 (0.236 x 0.067) **C470004** 7.5×1.5 (0.295 x 0.059) **C470016** 7.5×1.7 (0.295 x 0.067) **C4700058** 8×2.5 (0.315 x 0.098) **C470039** 8.5×2.5 (0.335 x 0.098) **C470006** 10×2.5 (0.394 x 0.098) **C470007** 15.5×2.5 (0.610 x 0.098) **C470019** $\varnothing 3.5$ (0.138) **C470003** $\varnothing 7.5$ (0.295) **C470056** $\varnothing 10$ (0.394)

C245E

C245789 A = 0.3 (0.012) B = 3.8 (0.150)
C245939 A = 0.4 (0.016) B = 6 (0.236)
C245765 A = 0.4 (0.016) B = 6 (0.236)
C245955 A = 0.5 (0.020) B = 13 (0.512)

Dual in Line

C245220 A = 5.4 (0.213) B = 6 (0.236)
C245304 A = 9.6 (0.378) B = 12 (0.472)
C245250 A = 5.4 (0.213) B = 8 (0.315)
C245215 A = 9.6 (0.378) B = 18 (0.709)
C245221 A = 5.4 (0.213) B = 10 (0.394)
C245226 A = 15.2 (0.598) B = 29 (1.142)

DFP & PLCC

C245303 A = 6.5 (0.256) B = 6 (0.236)
C245222 A = 7.1 (0.279) B = 13 (0.512)
C245306 A = 9.6 (0.378) B = 10 (0.394)
C245305 A = 9.6 (0.378) B = 12 (0.472)
C245304 A = 9.6 (0.378) B = 15 (0.591)
C245223 A = 8.5 (0.335) B = 8.5 (0.335)
C245227 A = 17.5 (0.689) B = 17.5 (0.689)
C245344 A = 26 (1.024) B = 26 (1.024)

Blade

C245914 A = 10 (0.394)

Cartridges with chrome finish, designed for use in plastics

C245138 9.9 (0.389) $\varnothing 4$ (0.157) 13 (0.512) 4.3×0.1 (0.169 x 0.004)
C245123 12 (0.472) **C245121** 12 (0.472) **C245109** 12 (0.472)

C470

C470064 A = 10 (0.394) **C470059** A = 20 (0.787) **C470023** A = 32 (1.260) **C470063** A = 37 (1.457) **C470061** 10.6 (0.417) **C470051** A = 21 (0.827) B = 6 (0.236) C = 9 (0.354) D = 6 (0.236) E = 4 (0.157) **C470027** A = 43 (1.693) B = 20 (0.787) **C470022** A = 12 (0.472) B = 4 (0.157) **C470044** A = 15 x 10 (0.591 x 0.394) **C470057** A = 30 x 20 (1.181 x 0.787) **C470005** $\varnothing 15$ (0.591)

C245E

C245053 A = 0.5 (0.0197) B = 0.3 (0.149)
C245052 A = 0.6 (0.236) B = 0.4 (0.193)
C245054 A = 0.7 (0.276) B = 0.5 (0.256) **C245119** $\varnothing 1$ (0.039) **C245772** 1.4×0.7 (0.055 x 0.028)

Through-hole and cable soldering

C245790 A = 0.8 (0.071) B = 0.8 (0.031) C = 0.4 (0.016)
C245785 A = 0.3 (0.118) B = 0.15 (0.059) C = 0.6 (0.024)
C245763 A = 0.4 (0.157) B = 0.25 (0.098) C = 1 (0.039)
C245760 A = 0.5 (0.197) B = 0.35 (0.138) C = 1 (0.039)

Through-hole drag soldering

C245754 A = 3.5 (0.138) B = 0.75 (0.029) C = 0.118) D = 6 (0.236)
C245751 A = 4 (0.157) B = 1.25 (0.049) C = 3 (0.118) D = 6 (0.236)
C245667 A = 4 (0.157) B = 1.25 (0.049) C = 3 (0.118) D = 12 (0.472)

Ideal to reach joints

C245764 A = 0.5 (0.019) B = 1 (0.039) C = 12 (0.472)

Solder Pot

C2455P01 A = 18 (0.709) B = 15 (0.591)

C470

C470048 A = 5.5 (0.216) B = 0.34 (0.0134) C = 1.6 (0.063) **C470030** A = 7.9 (0.311) B = 0.5 (0.0197) C = 5.5 (0.217) **C470049** A = 6.9 (0.272) B = 0.52 (0.0205) C = 1.9 (0.075) **C470037** A = 12.7 (0.507) B = 0.8 (0.0315) C = 5 (0.196) **C470041** A = 0.15 (0.0591) B = 0.125 (0.0492) C = 3 (0.118) **C470031** 6×1.8 (0.236 x 0.071) B = 0.32 (0.126) **C470047** A = 7.5 (0.295) B = 1.1 (0.043) **C470010** A = 0.3 (0.118) B = 0.14 (0.055) C = 0.1 (0.039) **C470042** A = 7.5 (0.295) B = 4.8 (0.189) C = 1.5 (0.059) D = 2.4 (0.094) E = 10.5 (0.413) **C470046** A = 7.5 (0.295) B = 4.6 (0.181) C = 1.5 (0.059) B = 8 (0.315) D = 7 (0.276) R = 0.3 (0.150) **C470050** A = 4.6 (0.181) B = 8 (0.315) **C470050P1** A = 18 (0.709) B = 15 (0.591) **C470052** A = 40 (1.575) B = 40 (1.575)

C245E

C245159E 0.8×0.4 (0.031 x 0.016) **C245158E** 1.2×0.4 (0.047 x 0.016) **C245160E** 1.6×0.5 (0.063 x 0.020) **C245155E** 2.4×0.8 (0.094 x 0.031) **C245735E** 2.7×1 (