

# Overview Soldering Tips WT PerformanceLine

With Active Tip Technology

# Weller

#PowerfulTogether



## WT 1M

1-Channel Power Unit

Power Consumption 95 W

Order No. 230 V T005 34 476 99  
120 V WT1M

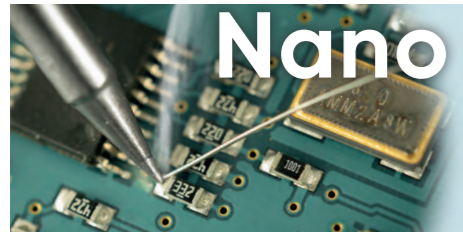


## WT 2M

2-Channel Power Unit

Power Consumption 150 W (200 W)

Order No. 230 V T005 34 433 99  
120 V WT2M



## Nano

Made for the smallest precision applications in:

- Aerospace
- Electronics
- Sensors
- Medical devices
- Military
- Automotive

## Nano soldering

RTP Nano Tips

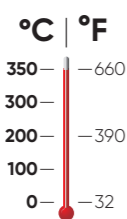
Military standard compliant (IPC industry standards - TM-650 2.5.33)



Component size

XS to S

XS: Very small, up to 1.25 mm  
S: Small, 0.8-1.6 mm



Heat up time  
3 sec

### CHISEL

Model Order No.	W / NW	Length (mm) (inch.)	a / b (mm) (inch.)
RTP 002 S MS T0050102199	•	16,3 0.642	0,2 / 0,1 0.008 / 0.004
RTP 002 S NW MS T0050102299	-	16,3 0.642	0,2 / 0,1 0.008 / 0.004
RTP 004 S MS T0050102399	•	16,3 0.642	0,4 / 0,2 0.016 / 0.008
RTP 008 S MS T0050102499	•	16,3 0.642	0,8 / 0,3 0.031 / 0.012
RTP 010 S MS T0050102599	•	16,3 0.642	1,0 / 0,3 0.039 / 0.012
RTP 013 S MS T0050102699	•	16,3 0.642	1,3 / 0,3 0.051 / 0.012

### BEVEL CUT

Model Order No.	W / NW	Length (mm) (inch.)	a (mm) (inch.)
RTP 004 B MS T0050101999	•	16,3 0.642	0,4 0.016
RTP 012 B MS T0050102099	•	16,3 0.642	1,2 0.047

### CONICAL

Model Order No.	W / NW	Length (mm) (inch.)	a (mm) (inch.)
RTP 001 C MS T0050101399	•	17,9 0.705	0,1 0.004
RTP 001 C NW MS T0050101499	-	17,9 0.705	0,1 0.004
RTP 002 C MS T0050101599	•	16,3 0.642	0,2 0.008
RTP 004 C MS T0050101699	•	16,3 0.642	0,4 0.016

### CONICAL BENT

Model Order No.	W / NW	Length (mm) (inch.)	a (mm) (inch.)
RTP 001 C X MS T0050101799	•	20,6 0.811	0,1 0.004
RTP 002 C X MS T0050101899	•	20,6 0.811	0,2 0.008

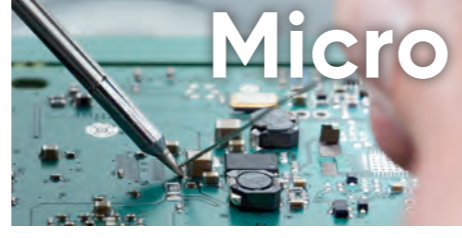
### GULLWING

Model Order No.	W / NW	Length (mm) (inch.)	a / b (mm) (inch.)
RTP 020 G MS T0050103099	•	15,9 0.626	2,0 / 1,3 0.079 / 0.051

### KNIFE

Model Order No.	W / NW	Length (mm) (inch.)	a / b (mm) (inch.)
RTP 010 K MS T0050102799	•	15,9 0.626	1,0 / 0,2 0.039 / 0.008
RTP 010 K NW MS T0050102899	•	15,9 0.626	1,0 / 0,2 0.039 / 0.008
RTP 025 K MS T0050102999	•	17,3 0.681	2,5 / 0,3 0.098 / 0.012

• wettable (W) / - non-wettable (NW)



## Micro

Versatile performance across micro and standard components, covering the widest range of applications in:

- Aerospace
- Electronics
- Sensors
- Medical devices
- Military
- Automotive

## Micro soldering

RTM Micro Tips

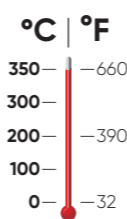
Military standard compliant (IPC industry standards - TM-650 2.5.33)



Component size

M to L

M: Medium, 1.0-3.0 mm  
L: Large, requires higher energy



Heat up time  
5 sec

### CHISEL

Model Order No.	W / NW	Length (mm) (inch.)	a / b (mm) (inch.)
RTM 003 S NW MS T0054462671N	•	19,0 0.748	0,3 / 0,1 0.012 / 0.004
RTM 004 S MS T0054461599N	•	19,0 0.748	0,4 / 0,2 0.016 / 0.008
RTM 006 S MS T0050100499	•	23,0 0.906	0,6 / 0,4 0.024 / 0.016
RTM 008 S MS T0054462399N	•	23,0 0.906	0,8 / 0,4 0.031 / 0.016
RTM 010 S MS T0050100699	•	18,0 0.709	1,0 / 0,3 0.039 / 0.012
RTM 013 S MS T0054461699N	•	19,0 0.748	1,3 / 0,4 0.051 / 0.016
RTM 015 S MS T0054461899N	•	18,0 0.709	1,5 / 0,4 0.059 / 0.016
RTM 018 S MS T0050100899	•	18,0 0.709	1,8 / 0,4 0.071 / 0.016
RTM 022 S MS T0054462299N	•	18,0 0.709	2,2 / 0,4 0.087 / 0.016
RTM 032 S MS T0050101099	•	17,5 0.689	3,2 / 0,9 1.026 / 0.035
RTM 036 S MS T0054463199N	•	17,5 0.689	3,6 / 0,9 1.141 / 0.035

### CHISEL BENT

Model Order No.	W / NW	Length (mm) (inch.)	a / b (mm) (inch.)
RTM 008 S X MS T0054461999N	•	23,0 0.906	0,8 / 0,4 0.031 / 0.016
RTM 013 S X MS T0054460373N	•	28,0 1.102	1,3 / 0,5 0.051 / 0.019

### BEVEL CUT

Model Order No.	W / NW	Length (mm) (inch.)	a (mm) (inch.)
RTM 004 B MS T0050100399	•	18,5 0.728	0,4 0.016
RTM 012 B MS T0054462099N	•	18,0 0.709	1,2 0.047

### CONICAL

Model Order No.	W / NW	Length (mm) (inch.)	a (mm) (inch.)
RTM 001 C NW MS T0054462571N	-	19,0 0.748	0,1 0.004
RTM 002 C MS T0054461499N	•	19,0 0.748	0,2 0.008
RTM 002 C L MS T0050100199	•	18,7 0.736	0,2 0.008
RTM 008 C MS T0054461799N	•	18,0 0.709	0,8 0.031

### CONICAL BENT

Model Order No.	W / NW	Length (mm) (inch.)	a (mm) (inch.)
RTM 004 C X MS T0054463399N	•	26,3 1.024	0,4 0.016
RTM 005 C X MS T0054463299N	•	26,3 1.024	0,5 0.019

### GULLWING

Model Order No.	W / NW	Length (mm) (inch.)	a / b (mm) (inch.)
RTM 020 G MS T0054462499N	•	20,0 0.787	2,0 / 1,2 0.079 / 0.047

### KNIFE

Model Order No.	W / NW	Length (mm) (inch.)	a / b (mm) (inch.)
RTM 025 K MS T0050101299	•	19,0 0.748	2,5 / 0,3 0.098 / 0.012
RTM 030 K MS T0054462199N	•	19,0 0.748	3,0 0.18

### MEASURING TIP

Model Order No.	W / NW	Length (mm) (inch.)	a (mm) (inch.)
RTM Measuring Tip T0054461399N	•	26,0 1.024	0,6 0.016

• wettable (W) / - non-wettable (NW)



## Rework

Made for very small and large size applications:

- Nano and micro desoldering
- SMD rework of chip components Rework of small to medium SOPs
- Detailed work under a microscope and rework

## Nano desoldering

RTWPS Nano Tweezers Tips

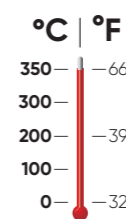
Military standard compliant (IPC industry standards - TM-650 2.5.33)



Component size

XS to S

XS: Very small, up to 1.25 mm  
S: Small, 0.8-1.6 mm



Heat up time  
3 sec

### CONICAL BENT

Model Order No.	W / NW	a (mm) (inch.)
RTWPS 001 C MS T0050115499	•	0,1 0.004
RTWPS 001 C X HM T0050115599	•	0,1 0.004

### CHISEL BENT

Model Order No.	W / NW	a / b (mm) (inch.)
RTWPS 002 S X T0050115699	•	0,2 x 0,1 0.008 x 0.004
RTWPS 002 S X HM T0050115799	•	0,2 x 0,1 0.008 x 0.004

• wettable (W) / - non-wettable (NW)

## Micro desoldering

RTWMS Micro Tweezers Tips

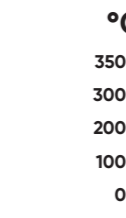
Military standard compliant (IPC industry standards - TM-650 2.5.33)



Component size

M to L

M: Medium, 1.0-3.0 mm  
L: Large, requires higher energy



Heat up time  
5 sec

### CONICAL BENT

Model Order No.	W / NW	a (mm) (inch.)
RTWMS 001 C NW X T0050116699	-	0,1 0.004
RTWMS 004 C X T0050115899	•	0,4 0.016

### CHISEL BENT

Model Order No.	W / NW	a / b (mm) (inch.)
RTWMS 007 S X T0050115999	•	0,7 x 0,4 0.027 x 0.016

### CHISEL

Model Order No.	W / NW	a / b (mm) (inch.)
RTWMS 013 S T0050116299	•	1,3 x 0,4 0.051 x 0.016
RTWMS 008 S NW T0050116799	-	0,8 x 0,4 0.031 x 0.016

### BLADE BENT

Model Order No.	W / NW	a / b (mm) (inch.)
RTWMS 030 K T0050116099	•	3,0 x 1,0 0.118 x 0.039
RTWMS 060 K T0050116199	•	6,0 x 1,0 0.236 x 0.039

### BLADE STRAIGHT

Model Order No.	W / NW	a / b (mm) (inch.)
RTWMS 030 K T0050116399	•	3,0 x 1,0 0.118 x 0.039
RTWMS 060 K T0050116599	•	6,0 x 1,0 0.236 x 0.039
RTWMS 100 K T0050116499	•	10,0 x 1,0 0.394 x 0.039

• wettable (W) / - non-wettable (NW)



Find your perfect soldering tip

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