

RT Pico MS



- Highest Precision
 - For the smallest components 0402 down to 01005
 - Short tip-to-grip distance
- Soldering Iron: WXPP MS

RT Micro MS



- Versatile performance
 - For micro and standard components
 - Widest range of geometries & sizes
- Soldering Iron: WXMP MS / WMRP MS

RT Ultra MS



- Maximum power
 - For heavy duty applications & largest components
 - Thermal Core Technology for optimized heat transfer through the joint
- Soldering Iron: WXUP MS



	article	a / b (mm) (inch.)		article	a / b (mm) (inch.)		article	a / b (mm) (inch.)
Conical 	RTP 001 C MS T0050101399	0.1 0.004		RTM 001 C NW MS T0054462571N	0.1 0.004		RTU 004 C MS T0050104999	0.4 0.016
	RTP 001 C MS NW T0050101499	0.1 0.004		RTM 002 C MS T0054461499N	0.2 0.008		RTU 008 C MS T0050105099	0.8 0.031
	RTP 002 C MS T0050101599	0.2 0.008		RTM 002 C L MS T0050100199	0.2 0.008		RTU 016 C MS T0050105199	1.6 0.063
	RTP 004 C MS T0050101699	0.4 0.016		RTM 004 C X MS T0054463399N	0.4 0.016		RTU 004 C X MS T0050105299	0.4 0.016
	RTP 001 C X MS T0050101799	0.1 0.004		RTM 005 C X MS T0054463299N	0.5 0.019		RTU 008 C X MS T0050105399	0.8 0.031
	RTP 002 C X MS T0050101899	0.2 0.008		RTM 008 C MS T0054461799N	0.8 0.031		RTU 016 C X MS T0050105499	1.6 0.063
Bevel Cut 	RTP 004 B MS T0050101999	0.4 0.016		RTM 004 B MS T0050100399	0.4 0.016		RTU 020 B MS T0050105599	2.0 0.079
	RTP 012 B MS T0050102099	1.2 0.047		RTM 012 B MS T0054460699N	1.2 0.047		RTU 035 B MS T0050105699	3.5 0.138
Chisel 	RTP 002 S MS T0050102199	0.2 / 0.1 0.008 / 0.004		RTM 003 S NW MS T0054462671N	0.3 / 0.1 0.012 / 0.004		RTU 015 S MS T0050105899	1.5 / 0.4 0.059 / 0.016
	RTP 002 S NW MS T0050102299	0.2 / 0.1 0.008 / 0.004		RTM 004 S MS T0054461599N	0.4 / 0.15 0.016 / 0.006		RTU 022 S MS T0050105999	2.2 / 0.6 0.087 / 0.024
	RTP 004 S MS T0050102399	0.4 / 0.2 0.016 / 0.008		RTM 006 S MS T0050100499	0.6 / 0.4 0.024 / 0.016		RTU 032 S MS T0050106099	3.2 / 0.8 0.126 / 0.031
	RTP 008 S MS T0050102499	0.8 / 0.3 0.031 / 0.012		RTM 008 S MS T0054462399N	0.8 / 0.4 0.031 / 0.016		RTU 032 S L MS T0050106199	3.2 / 0.8 0.126 / 0.031
	RTP 010 S MS T0050102599	1.0 / 0.3 0.039 / 0.012		RTM 008 S X MS T0054461999N	0.8 / 0.4 0.031 / 0.016		RTU 050 S MS T0050106299	5.0 / 1.2 0.197 / 0.047
	RTP 013 S MS T0050102699	1.3 / 0.3 0.051 / 0.012		RTM 010 S MS T0050100699	1.0 / 0.3 0.039 / 0.012		RTU 076 S MS T0050106399	7.6 / 1.5 0.299 / 0.059
				RTM 013 S MS T0054461699N	1.3 / 0.4 0.051 / 0.016		RTU 093 S MS T0050106499	9.3 / 2.0 0.366 / 0.079
				RTM 013 S X MS T0054460373N	1.3 / 0.5 0.051 / 0.019			
				RTM 015 S MS T0054461899N	1.5 / 0.4 0.059 / 0.016			
				RTM 018 S MS T0050100899	1.8 / 0.4 0.071 / 0.016			
				RTM 022 S MS T0054462299N	2.2 / 0.4 0.087 / 0.016			
				RTM 032 S MS T0050101099	3.2 / 0.9 0.126 / 0.035			
				RTM 036 S MS T0054463199N	3.6 / 0.9 0.141 / 0.035			

- 100% potential-free soldering tips (RTP MS & RTM MS only)
- Different sizes & geometries to solve every soldering challenge
- Toolless tip change
- Patented tip-and-grip in one single unit
- Triple awarded Soldering Tips and Tools
- Boomerang handle design

Knife 	RTP 010 K MS T0050102799	1.0 0.039		RTM 025 K MS T0050101299	2.5 0.098	
	RTP 010 K MS NW T0050102899	1.0 0.039		RTM 030 K MS T0054462199N	3.0 0.118	
	RTP 025 K MS T0050102999	2.5 0.098				
Gullwing 	RTP 020 G MS T0050103099	2.0 0.079		RTM 020 G MS T0054462499N	2.0 0.079	

Measuring tip

RTM 028 X
T0054461399N

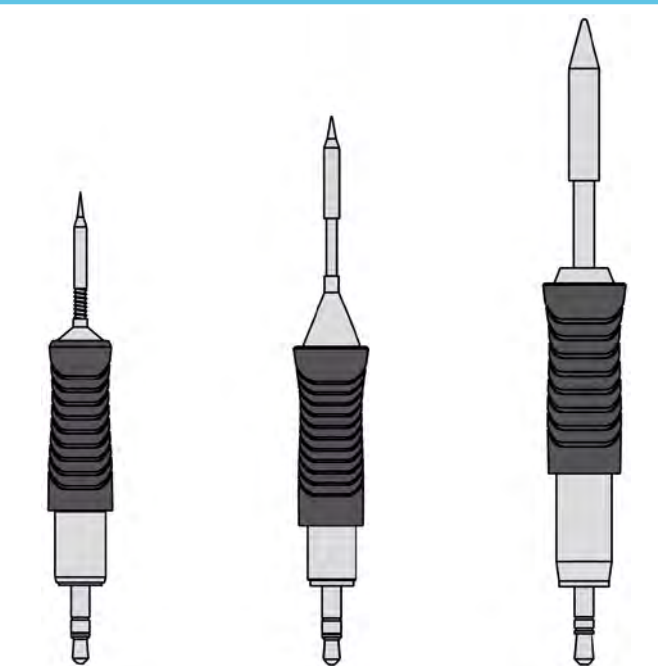


- Mil-Spec soldering tip
- not wettable

Blade

RTU 100 K MS T0050106699		10.0 0.393
RTU 160 K MS T0050106799		16.0 0.630
RTU 200 K MS T0050106899		20.0 0.078
RTU 330 K MS T0050106999		33.0 1.299

RT Pico MS RT Micro MS RT Ultra MS



40 watts 40 watts 150 watts

RTU 020 G MS T0050106599		2.0 0.079
RTU 006 C L MS T0050107099		0.6 mm 0.023 Inch
RTU 003 C L MS T0050107199		0.3 mm 0.011 Inch
RTU 006 S L MS T0050107399		0.6 x 0.3 mm 0.023 x 0.011 Inch
RTU 012 S L MS T0050107499		1.2 x 0.3 mm 0.047 x 0.011 Inch
RTU 010 C L MS T0050107599		1.0 mm 0.039
RTU 015 B L BEVEL CUT T0050107699		1.5 mm 0.047 x 0.011 Inch
RTU 022 L MS T0050107799		2.2 x 1.0 mm 0.087 x 0.039 Inch
RTU 060 K L MS T0050107999		6.0 mm 0.236 Inch
RTU 018 S L MS T0050108099		1.8 x 0.8 mm 0.070 x 0.031 inch

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More information weller-tools.com/nocompromise

Please contact us: Customer-service@weller-tools.com



RTW MS Soldering Tips for Tweezers

- The MS tip family is designed for customers, working according to MIL-STD-2000
- Designed for miniature works
- For an optimal performance
- For miniature works which cannot be done with basic tools
- Combination of an excellent heat transfer together with a longer tip life

	Article	a / b (mm) / (inch)
Chisel	RTW 2 MS 45° T0054465799	0.7 / 0.4 mm 0.028 / 0.016 inch
	RTW 3 MS 45° T0054465899	3.0 / 1.0 mm 0.118 / 0.039 inch
	RTW 4 MS 45° T0054465999	6.0 / 1.0 mm 0.236 / 0.039 inch
	RTW 9 MS T0054466999	3.0 / 1.0 mm 0.118 / 0.039 inch
	RTW 11 MS T0054467099	6.0 / 1.0 mm 0.236 / 0.039 inch
	RTW 10 MS T0054467199	10.0 / 1.0 mm 0.393 / 0.039 inch
	RTW 8 MS T0054466599	1.3 / 0.4 mm 0.051 / 0.016 inch
	RTW 7NW MS T0054466371	0.8 / 0.4 mm 0.031 / 0.016 inch
Conical	RTW 1 MS 45° T0054465599	0.4 mm 0.016 inch
	RTW 6NW MS 45° T0054465671	0.2 mm 0.08 inch



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The right tool for my APPLICATION



Active Tip



Soldering Iron WXPP MS



Soldering Iron WXMP MS



Soldering Iron WXUP MS



Soldering Tweezers WXMT MS

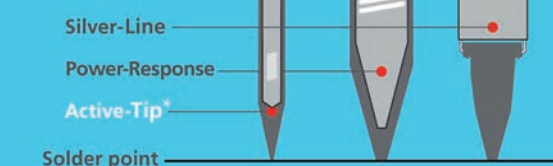


Tip family	TIP	Size of solder pad					Energy requirement	
		XS	S	M	L	XL	ME	HE
ACTIVE TIP	RTP MS	✓	✓	✗	✗	✗	✓	✓
	RTM MS	✓	✓	✗	✗	✗	✓	✓
	RTU MS	✓	✓	✓	✗	✗	✓	✓
	RTW MS	✓	✓	✓	✗	✗	✓	✓

3 heating technologies from Weller

Distance from sensor to solder point

• Sensor position



* Fast heat up time

A little handy chart to help you figure that out. The applications are sorted by extra small to extra large solder pads, and by medium and high energy requirements.

Energy requirement

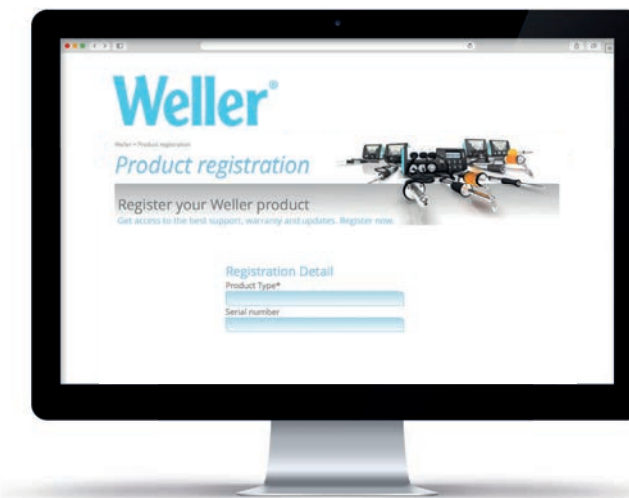
ME Medium Energy requirement
HE High Energy requirement

Solder pad size

XS Very small solder pads 0.2-1.25mm
S Small solder pads 0.8-1.6mm
M Medium solder pads, universal soldering, 1.0-3.0mm
L Larger solder pads, high mass soldering
XL Very large solder pads, high mass soldering (shielding)

✓ Recommended for this application
✗ Okay, but not optimal for this application
✗ Not recommended for this application

Product Registration



weller-tools.com/registration

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Durability

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Precision

Experience precise cutting with a high-precision screw joint for smooth jaw action and no overlapping.

Quality

Swiss made and manufactured to be strong, durable, sharp and have the highest precision available.

Custom Made

Have a problem? We have the solution with our ability to quickly manufacture the custom tool you need.

Discover more



Meet IPC Standards with Weller



Production within the electronics, medical technology and aerospace industries is moving faster as components become smaller, more sensitive, complex and more powerful. The soldering industry is not different. With the Weller RT MS tips you meet these increasing demands.

The Weller active MS (military standard) soldering tips are fully compliant with IPC industry standards (IPC - TM-650 2.5.33 Measurement of Electrical Overstress from Soldering Hand Tools) and are also MIL-SPEC compliant.

The RT Lines provide maximum protection to the printed circuit board and the component you're soldering. With the MS tips you achieve the best results and keep your operation costs as low as possible.

MIL-SPEC

- Use MS soldering tools (WXPP MS, WXMP MS, WXUP MS, WXMT MS) only with MS soldering tips (RTP MS, RTM MS, RTU MS, RTW MS)
- MS Tools and Tips must always be used together.

Difference

- The handles and the tips are isolated between Heating Element and Grounding.
- 4 Pin connector with extra Pin for Grounding

Discover more



Choose your perfect soldering set

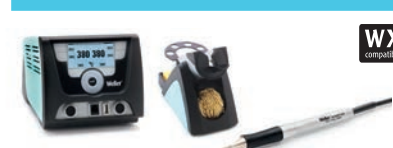
Extend your workbench with the best soldering iron set.

WX 2011 PICO MS Set



Order No. T0053422671

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WXPP MS Soldering Iron Set



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WXMP MS Soldering Iron Set



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WXUP MS Soldering Iron Set



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