

Products & Applications: Soldering/Desoldering

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MX-500

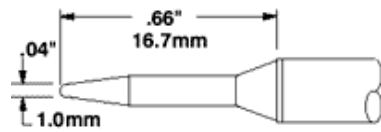
Most popular standard recommended tip cartridges

These cartridges are Metcal's most popular. Owning these tips will help you to complete almost every soldering task



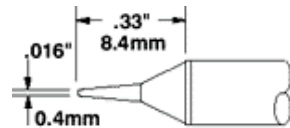
	<p>STTC-X36*</p> <p>Chisel 30° .10 (2.5mm)</p>
	<p>STTC-X37*</p> <p>Chisel 30° .07 (1.78mm)</p>
<p>For a wide variety of tasks. If you are choosing the first tip for your Metcal system, the STTC-037 is ideal.</p>	
	<p>STTC-X38*</p> <p>Chisel 30° .06 (1.5mm)</p>
<p>A finer version of the STTC-037. Ideal for medium to light through-hole and general surface mount touch-up.</p>	
	<p>STTC-X25</p> <p>Chisel 30° .04 (1.0mm)</p>

Good for a variety of light soldering tasks. Looking for a surface mount touch-up tip? The STTC-025 should be your first choice.



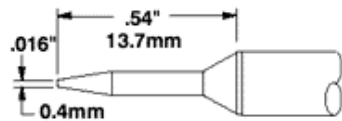
STTC-X07
Conical Sharp .04 (1.0mm)

General-purpose SMT and through-hole tip when access is limited.



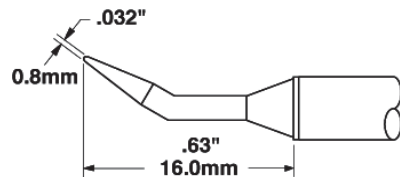
STTC-X22
Conical Sharp .016 (0.4mm)

Sharp tip cartridges for soldering SMT components or fine wire applications (not for general through-hole tasks).



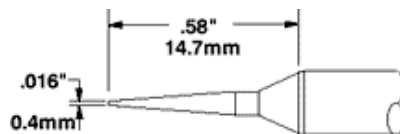
STTC-X06
Conical Sharp .016 (0.4mm)

For limited access SMT rework.



STTC-X40
Sharp Bent 30° .032
(0.8mm)

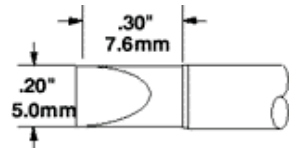
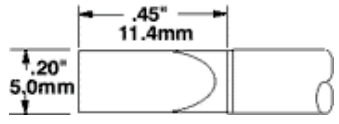
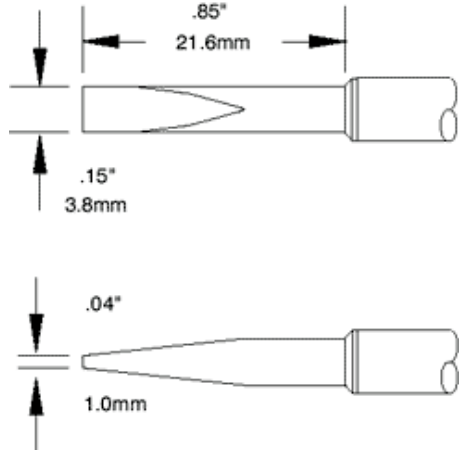
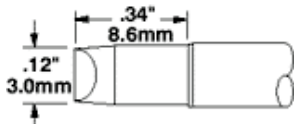

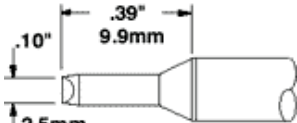
Tip for soldering SMT components. The bend makes it much easier to work on small circuits and PLCCs.

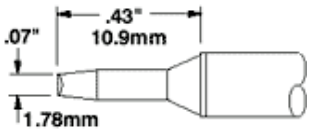
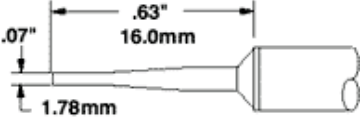
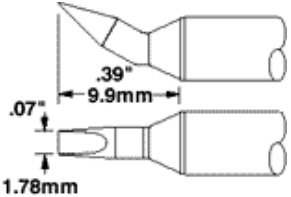
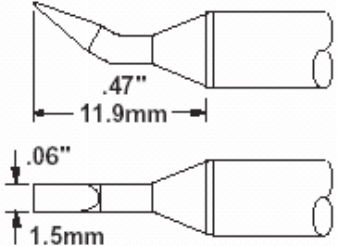
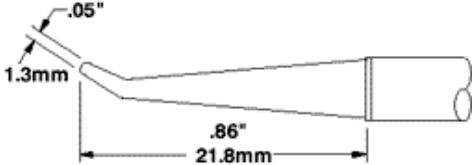
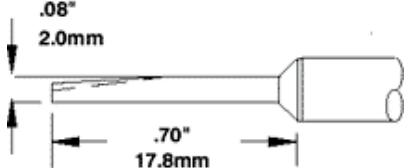
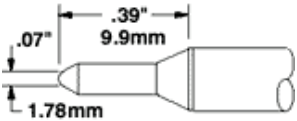


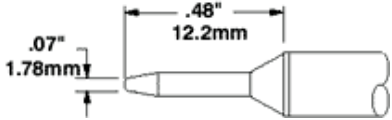
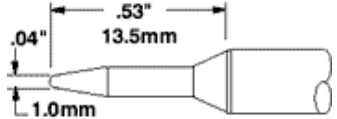
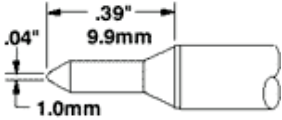
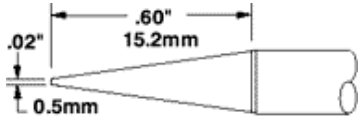

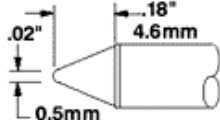
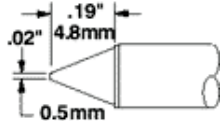
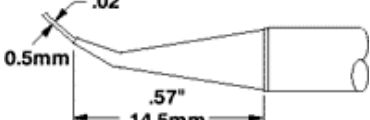
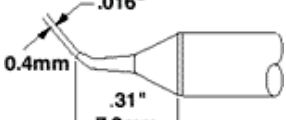
STTC-X45
Bevel 60° .016 (0.4mm)

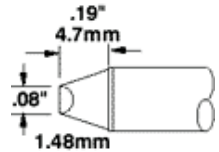
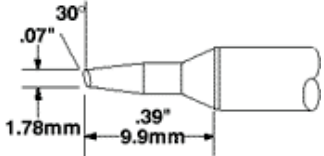
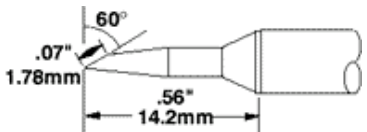
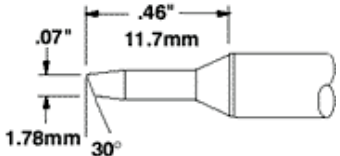
An extended length fine tip for surface mount or fine wire applications (not for general through-hole tasks).

Other Standard Cartridges

	<p>STTC-X17*</p> <p>Extra Large Chisel</p> <p>.20 (5.0mm)</p>
	<p>STTC-X65</p> <p>Large Chisel</p> <p>.20 (5.0mm)</p>
	<p>STTC-X20</p> <p>Long Reach</p> <p>Chisel 12°</p> <p>.15 (3.8mm)</p>
	<p>STTC-X03*</p> <p>Chisel 90°</p> <p>.12 (3.0mm)</p>
	<p>STTC-X13</p> <p>Chisel 90°</p> <p>.12 (3.0mm)</p>
	<p>STTC-X33</p> <p>Chisel 90°</p> <p>.10 (2.5mm)</p>

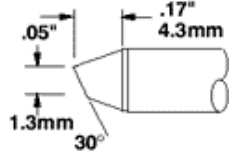
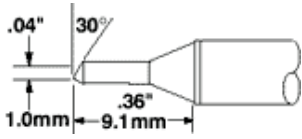
	<p>STTC-X04</p> <p>Chisel 90°</p> <p>.07 (1.78mm)</p>
	<p>STTC-X42</p> <p>Long Reach Chisel 60°</p> <p>.07 (1.78mm)</p>
	<p>STTC-X98</p> <p>Chisel Bent 30°</p> <p>.07 (1.78mm)</p>
	<p>STTC-X99</p> <p>Chisel Bent 30°</p> <p>.06 (1.5mm)</p>
	<p>STTC-X41</p> <p>Chisel 30°</p> <p>.05 (1.3mm)</p>
	<p>STTC-X83</p> <p>Conical Grooved</p> <p>.08 (2.0mm)</p>
	<p>STTC-X32</p> <p>Conical Sharp</p> <p>.07 (1.78mm)</p>

	<p>STTC-X02</p> <p>Conical Sharp</p> <p>.07 (1.78mm)</p>
	<p>STTC-X01</p> <p>Conical Sharp</p> <p>.04 (1.0mm)</p>
	<p>STTC-X31</p> <p>Conical Sharp</p> <p>.04 (1.0mm)</p>
	<p>STTC-X43</p> <p>Conical Sharp</p> <p>.02 (0.5mm)</p>
	<p>STTC-X12</p> <p>Conical</p> <p>.08 (2.03mm)</p>
	<p>STTC-X11</p> <p>Conical</p> <p>.02 (0.5mm)</p>
	<p>STTC-X16</p> <p>Conical</p> <p>.02 (0.5mm)</p>
	<p>STTC-X44</p> <p>Sharp Bent 30°</p> <p>.02 (0.5mm)</p>
	<p>STTC-X26</p> <p>Sharp Bent 30°</p> <p>.016 (0.4mm)</p>

	<p>STTC-X14</p> <p>Bevel 45°</p> <p>.08 (2.03mm)</p>
	<p>STTC-X35</p> <p>Bevel 30°</p> <p>.07 (1.78mm)</p>
	<p>STTC-X47</p> <p>Bevel 60°</p> <p>.07 (1.78mm)</p>
	<p>STTC-X05</p> <p>Bevel 30°</p> <p>.07 (1.78mm)</p>

Specialty cartridges

Specialty cartridges are more expensive than Metcal's standard cartridges. If you think that you need a specialty cartridge, you may want to try a standard cartridge first.

Specialty cartridges Models	
	<p>STTC-X15</p> <p>Bevel 30°</p> <p>.05 (1.3mm)</p>
	<p>STTC-X24</p> <p>Bevel 30°</p> <p>.04 (1.0mm)</p>

	<p>STTC-X97</p> <p>Grooved Semi-Rigid</p> <p>Coax</p>
	<p>STTC-X46</p> <p>Long Reach</p> <p>Bevel 60°</p> <p>.04 (1.0mm)</p>
	<p>STTC-X70</p> <p>Heat Staking</p> <p>.19 (4.8mm)</p>

500 series x=5, 600 series x=0, 700 series x=1, 800 series x=8, when followed by an *



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