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Soldering Irons, Tips, & Accessories

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STTC Tips for MX500 Irons

**Choosing the Correct Geometry**

Pick a tip geometry that will maximize contact with the connection. A flat, blunt tip will transfer more heat than a fine, pointed one. Choosing the largest tip possible will both improve performance and enhance tip life.

**Choosing the Proper Temperature Series**

Using a lower temperature helps prevent thermal damage and significantly enhances your tip life, especially with no-clean solders. Each Metcal cartridge is designed for high power delivery, so you can often solder with a Metcal cartridge : a temperature 100 F or more lower than with a conventional iron. Since Metcal tip cartridges sense thermal loads and respond to them, you need only approximate the size of the loads you will be working with. For many applications, a 600 Series will provide enough power and flexibility. Switch to a 700 Series, for example, when working with heavy ground planes. For manyh surface mount reattach or thermally sensitive applications, Metcal's 500 Series cartridges are excellent choices.

**Please Note:** Metcal Tips are identified as follows: STTC-XZZ























































- Where X = 5 for 500°F Series
- X = 0 for 600°F Series
- X = 1 for 700°F Series
- X = 8 for 800°F Series
- Where ZZZ = the specific tip dimension/style























































See our [Tech Sheet](#) for more detailed information about this product line.























































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

**This is a complete list of all the items we carry in this product line. To view only the most popular products in this line, [click here.](#)**























Midwest Part #	Manuf. Part #	Description		Pkg Qty	Price	Qty
M03-STTC-001	STTC-001	<b>STTC-001</b> - 600f series Conical sharp, 1/32"		1	\$22.60	0
M03-STTC-002	STTC-002	<b>STTC-002</b> - 600f series Conical sharp, 1/16"		1	\$22.60	0
M03-STTC-003	STTC-003	<b>STTC-003</b> - 600f series 90° Chisel, 1/8"		1	\$25.70	0
M03-STTC-004	STTC-004	<b>STTC-004</b> - 600f series 90° Chisel, 1/16"		1	\$25.70	0
M03-STTC-005	STTC-005	<b>STTC-005</b> - 600f series 30° Conical Bevel, 1/16"		1	\$25.70	0
M03-STTC-006	STTC-006	<b>STTC-006</b> - 600f series Conical sharp, 1/64"		1	\$22.60	0

M03-STTC-007	STTC-007	<b>STTC-007</b> - 600f series Conical, 1/32"	 	1	\$22.60	0
M03-STTC-011	STTC-011	<b>STTC-011</b> - 600f series Conical, 1/32"	 	1	\$25.70	0
M03-STTC-012	STTC-012	<b>STTC-012</b> - 600f series Conical, 1/16"	 	1	\$22.60	0
M03-STTC-013	STTC-013	<b>STTC-013</b> - 600f series 90° Chisel, 1/8"	 	1	\$22.60	0
M03-STTC-014	STTC-014	<b>STTC-014</b> - 600f series 90° Chisel, 1/16"	 	1	\$22.60	0
M03-STTC-015	STTC-015	<b>STTC-015</b> - 600f series 30° Bevel, 3/64"	 	1	\$25.70	0
M03-STTC-016	STTC-016	<b>STTC-016</b> - 600f series Conical, 1/64"	 	1	\$25.70	0
M03-STTC-017	STTC-017	<b>STTC-017</b> - 600f series 30° Chisel, 13/64"	 	1	\$22.60	0
M03-STTC-020	STTC-020	<b>STTC-020</b> - 600f series 12° Chisel, 1/8" (Long reach)	 	1	\$25.70	0
M03-STTC-022	STTC-022	<b>STTC-022</b> - 600f series Conical sharp, 1/64"	 	1	\$22.60	0
M03-STTC-024	STTC-024	<b>STTC-024</b> - 600f series 30° Bevel, 1/32"	 	1	\$22.60	0
M03-STTC-025	STTC-025	<b>STTC-025</b> - 600f series 30° Chisel, 1/32"	 	1	\$22.60	0
M03-STTC-026	STTC-026	<b>STTC-026</b> - 600f series Sharp, 30° bend, 1/64"	 	1	\$22.60	0
M03-STTC-031	STTC-031	<b>STTC-031</b> - 600f series Conical sharp, 1/32"	 	1	\$25.70	0
M03-STTC-032	STTC-032	<b>STTC-032</b> - 600f series Conical sharp, 1/16"	 	1	\$25.70	0
M03-STTC-033	STTC-033	<b>STTC-033</b> - 600f series 90° Chisel, 3/32"	 	1	\$25.70	0
M03-STTC-035	STTC-035	<b>STTC-035</b> - 600f series 30° Bevel, 1/16"	 	1	\$22.60	0
M03-STTC-036	STTC-036	<b>STTC-036</b> - 600f series 30° Chisel, 3/32"	 	1	\$22.60	0
M03-STTC-037	STTC-037	<b>STTC-037</b> - 600f series 30° Chisel, 1/16"	 	1	\$22.60	0
M03-STTC-038	STTC-038	<b>STTC-038</b> - 600f series 30° Chisel, 3/64"	 	1	\$22.60	0
M03-STTC-040	STTC-040	<b>STTC-040</b> - 600f series Conical sharp, 1/64" (bent 30°)	 	1	\$22.60	0
M03-STTC-041	STTC-041	<b>STTC-041</b> - 600f series Conical chisel, 3/64" (bent 30°)	 	1	\$22.60	0
M03-STTC-042	STTC-042	<b>STTC-042</b> - 600f series Long reach, 60° Chisel, 1/16"	 	1	\$22.60	0
M03-STTC-043	STTC-043	<b>STTC-043</b> - 600f series Conical sharp, 3/128"	 	1	\$22.60	0
M03-STTC-044	STTC-044	<b>STTC-044</b> - 600f series Conical sharp, 3/128" (bent 30°)	 	1	\$22.60	0
M03-STTC-045	STTC-045	<b>STTC-045</b> - 600f series 60° Bevel, 1/128"	 	1	\$22.60	0
M03-STTC-046	STTC-046	<b>STTC-046</b> - 600f series Long Reach, 60° Bevel, 1/64"	 	1	\$22.60	0

M03-STTC-047	STTC-047	<b>STTC-047</b> - 600f series 60° Bevel, 1/32"	 	1	\$22.60	0
M03-STTC-056	STTC-056	<b>STTC-056</b> - 600f series Special	 	1	\$24.95	0
M03-STTC-065	STTC-065	<b>STTC-065</b> - 600f series Extra long chisel, 13/64"	 	1	\$25.70	0
M03-STTC-083	STTC-083	<b>STTC-083</b> - 600f series Special conical grooved, 0.080"	 	1	\$25.70	0
M03-STTC-097	STTC-097	<b>STTC-097</b> - 600f series Special grooved, semi-rigid coax	 	1	\$25.70	0
M03-STTC-098	STTC-098	<b>STTC-098</b> - 600f series Chisel, 1/16" (bent 30°)	 	1	\$22.60	0
M03-STTC-099	STTC-099	<b>STTC-099</b> - 600f series Chisel, 3/64" (bent 30°)	 	1	\$22.60	0
M03-STTC-101	STTC-101	<b>STTC-101</b> - 700f series Conical sharp, 1/32"	 	1	\$22.60	0
M03-STTC-102	STTC-102	<b>STTC-102</b> - 700f series Conical sharp, 1/16"	 	1	\$22.60	0
M03-STTC-103	STTC-103	<b>STTC-103</b> - 700f series 90° Chisel, 1/8"	 	1	\$25.70	0
M03-STTC-104	STTC-104	<b>STTC-104</b> - 700f series 90° Chisel, 1/16"	 	1	\$25.70	0
M03-STTC-105	STTC-105	<b>STTC-105</b> - 700f series 30° Conical Bevel, 1/16"	 	1	\$25.70	0
M03-STTC-106	STTC-106	<b>STTC-106</b> - 700f series Conical sharp, 1/64"	 	1	\$22.60	0
M03-STTC-107	STTC-107	<b>STTC-107</b> - 700f series Conical, 1/32"	 	1	\$22.60	0
M03-STTC-111	STTC-111	<b>STTC-111</b> - 700f series Conical, 1/32"	 	1	\$25.70	0
M03-STTC-112	STTC-112	<b>STTC-112</b> - 700f series Conical, 1/16"	 	1	\$22.60	0
M03-STTC-113	STTC-113	<b>STTC-113</b> - 700f series 90° Chisel, 1/8"	 	1	\$22.60	0
M03-STTC-114	STTC-114	<b>STTC-114</b> - 700f series 90° Chisel, 1/16"	 	1	\$22.60	0
M03-STTC-115	STTC-115	<b>STTC-115</b> - 700f series 30° Bevel, 3/64"	 	1	\$25.70	0
M03-STTC-116	STTC-116	<b>STTC-116</b> - 700f series Conical, 1/64"	 	1	\$25.70	0
M03-STTC-117	STTC-117	<b>STTC-117</b> - 700f series 30° Chisel, 13/64"	 	1	\$22.60	0
M03-STTC-120	STTC-120	<b>STTC-120</b> - 700f series 12° Chisel, 1/8" (Long reach)	 	1	\$25.70	0
M03-STTC-122	STTC-122	<b>STTC-122</b> - 700f series Conical sharp, 1/64"	 	1	\$22.60	0
M03-STTC-124	STTC-124	<b>STTC-124</b> - 700f series 30° Bevel, 1/32"	 	1	\$22.60	0
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M03-STTC-126	STTC-126	<b>STTC-126</b> - 700f series Sharp, 30° bend, 1/64"	 	1	\$22.60	0
M03-STTC-131	STTC-131	<b>STTC-131</b> - 700f series Conical sharp, 1/32"	 	1	\$25.70	0

M03-STTC-132	STTC-132	<b>STTC-132</b> - 700f series Conical sharp, 1/16"	 	1	\$25.70	0
M03-STTC-133	STTC-133	<b>STTC-133</b> - 700f series 90° Chisel, 3/32"	 	1	\$25.70	0
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M03-STTC-140	STTC-140	<b>STTC-140</b> - 700f series Conical sharp, 1/64" (bent 30°)	 	1	\$22.60	0
M03-STTC-141	STTC-141	<b>STTC-141</b> - 700f series Conical chisel, 3/64" (bent 30°)	 	1	\$22.60	0
M03-STTC-142	STTC-142	<b>STTC-142</b> - 700f series Long reach, 60° Chisel, 1/16"	 	1	\$22.60	0
M03-STTC-143	STTC-143	<b>STTC-143</b> - 700f series Conical sharp, 3/128"	 	1	\$22.60	0
M03-STTC-144	STTC-144	<b>STTC-144</b> - 700f series Conical sharp, 3/128" (bent 30°)	 	1	\$22.60	0
M03-STTC-145	STTC-145	<b>STTC-145</b> - 700f series 60° Bevel, 1/128"	 	1	\$22.60	0
M03-STTC-146	STTC-146	<b>STTC-146</b> - 700f series Long Reach, 60° Bevel, 1/64"	 	1	\$22.60	0
M03-STTC-147	STTC-147	<b>STTC-147</b> - 700f series 60° Bevel, 1/32"	 	1	\$22.60	0
M03-STTC-156	STTC-156	<b>STTC-156</b> - 700f series Special	 	1	\$25.70	0
M03-STTC-165	STTC-165	<b>STTC-165</b> - 700f series Extra long chisel, 13/64"	 	1	\$25.70	0
M03-STTC-183	STTC-183	<b>STTC-183</b> - 700f series Special conical grooved, 0.080"	 	1	\$25.70	0
M03-STTC-197	STTC-197	<b>STTC-197</b> - 700f series Special grooved, semi-rigid coax	 	1	\$25.70	0
M03-STTC-198	STTC-198	<b>STTC-198</b> - 700f series Chisel, 1/16" (bent 30°)	 	1	\$22.60	0
M03-STTC-199	STTC-199	<b>STTC-199</b> - 700f series Chisel, 3/64" (bent 30°)	 	1	\$22.60	0
M03-STTC-501	STTC-501	<b>STTC-501</b> - 700f series Conical sharp, 1/32"	 	1	\$22.60	0
M03-STTC-502	STTC-502	<b>STTC-502</b> - 500f series Conical sharp, 1/16"	 	1	\$22.60	0
M03-STTC-503	STTC-503	<b>STTC-503</b> - 500f series 90° Chisel, 1/8"	 	1	\$25.70	0
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M03-STTC-511	STTC-511	<b>STTC-511</b> - 500f series Conical, 1/32"	 	1	\$25.70	0
M03-STTC-515	STTC-515	<b>STTC-511</b> - 500f series 30° Bevel, 3/64"	 	1	\$25.70	0
M03-STTC-512	STTC-512	<b>STTC-512</b> - 500f series Conical, 1/16"	 	1	\$22.60	0
M03-STTC-513	STTC-513	<b>STTC-513</b> - 500f series 90° Chisel, 1/8"	 	1	\$22.60	0
M03-STTC-514	STTC-514	<b>STTC-514</b> - 500f series 90° Chisel, 1/16"	 	1	\$22.60	0
M03-STTC-516	STTC-516	<b>STTC-516</b> - 500f series Conical, 1/64"	 	1	\$25.70	0
M03-STTC-517	STTC-517	<b>STTC-517</b> - 500f series 30° Chisel, 13/64"	 	1	\$22.60	0
M03-STTC-520	STTC-520	<b>STTC-520</b> - 500f series 12° Chisel, 1/8" (Long reach)	 	1	\$24.95	0
M03-STTC-522	STTC-522	<b>STTC-522</b> - 500f series Conical sharp, 1/64"	 	1	\$22.60	0
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M03-STTC-526	STTC-526	<b>STTC-526</b> - 500f series Sharp, 30° bend, 1/64"	 	1	\$22.60	0
M03-STTC-531	STTC-531	<b>STTC-531</b> - 500f series Conical sharp, 1/32"	 	1	\$25.70	0
M03-STTC-532	STTC-532	<b>STTC-532</b> - 500f series Conical sharp, 1/16"	 	1	\$25.70	0
M03-STTC-533	STTC-533	<b>STTC-533</b> - 500f series 90° Chisel, 3/32"	 	1	\$25.70	0
M03-STTC-535	STTC-535	<b>STTC-535</b> - 500f series 30° Bevel, 1/16"	 	1	\$22.60	0
M03-STTC-536	STTC-536	<b>STTC-536</b> - 500f series 30° Chisel, 3/32"	 	1	\$22.60	0
M03-STTC-537	STTC-537	<b>STTC-537</b> - 500f series 30° Chisel, 1/16"	 	1	\$22.60	0
M03-STTC-538	STTC-538	<b>STTC-538</b> - 500f series 30° Chisel, 3/64"	 	1	\$22.60	0
M03-STTC-540	STTC-540	<b>STTC-540</b> - 500f series Conical sharp, 1/64" (bent 30°)	 	1	\$22.60	0
M03-STTC-542	STTC-542	<b>STTC-542</b> - 500f series Long reach, 60° Chisel, 1/16"	 	1	\$22.60	0
M03-STTC-543	STTC-543	<b>STTC-543</b> - 500f series Conical sharp, 3/128"	 	1	\$22.60	0
M03-STTC-544	STTC-544	<b>STTC-544</b> - 500f series Conical sharp, 3/128" (bent 30°)	 	1	\$22.60	0
M03-STTC-545	STTC-545	<b>STTC-545</b> - 500f series 60° Bevel, 1/128"	 	1	\$22.60	0
M03-STTC-546	STTC-546	<b>STTC-546</b> - 500f series Long Reach, 60° Bevel, 1/64"	 	1	\$22.60	0
M03-STTC-547	STTC-547	<b>STTC-547</b> - 500f series 60° Bevel, 1/32"	 	1	\$22.60	0
M03-STTC-556	STTC-556	<b>STTC-556</b> - 500f series Special	 	1	\$24.95	0

M03-STTC-565	STTC-565	<b>STTC-565</b> - 500f series Extra long chisel, 13/64"	 	1	\$25.70	0
M03-STTC-583	STTC-583	<b>STTC-583</b> - 500f series Special conical grooved, 0.080"	 	1	\$25.70	0
M03-STTC-597	STTC-597	<b>STTC-597</b> - 500f series Special grooved, semi-rigid coax	 	1	\$25.70	0
M03-STTC-598	STTC-598	<b>STTC-598</b> - 500f series Chisel, 1/16" (bent 30°)	 	1	\$22.60	0
M03-STTC-599	STTC-599	<b>STTC-599</b> - 500f series Chisel, 3/64" (bent 30°)	 	1	\$22.60	0
M03-STTC-802	STTC-802	<b>STTC-802</b> - 1/8" 90 degree chisel tip	 	1	Call	0
M03-STTC-803	STTC-803	<b>STTC-803</b> - 800f series 90° Chisel, 1/8"	 	1	\$25.70	0
M03-STTC-817	STTC-817	<b>STTC-817</b> - 800f series 30° Chisel, 13/64"	 	1	\$22.60	0
M03-STTC-836	STTC-836	<b>STTC-836</b> - 800f series 30° Chisel, 3/32"	 	1	\$22.60	0
M03-STTC-837	STTC-837	<b>STTC-837</b> - 800f series 30° Chisel, 1/16"	 	1	\$22.60	0
M03-STTC-838	STTC-838	<b>STTC-838</b> - 800f series 30° Chisel, 3/64"	 	1	\$22.60	0
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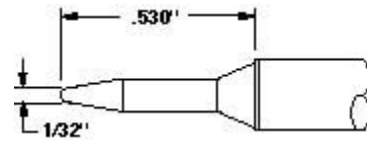
800-877-0668

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x=0 for 600, 1 for 700, 5 for 500

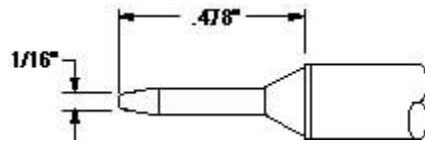
1/32 Conical Sharp

STTC-x01



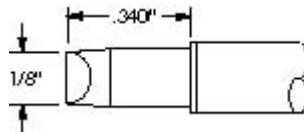
1/16 Conical Sharp

STTC-x02



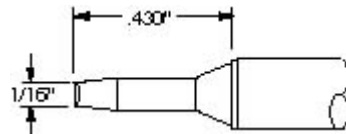
1/8 90° Chisel

STTC-x03



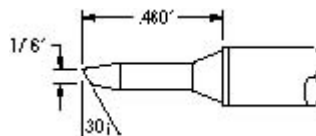
1/16 90° Chisel

STTC-x04



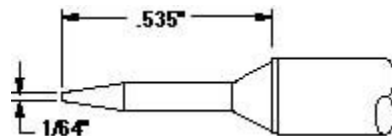
1/16 30° Bevel

STTC-x05



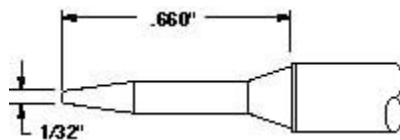
1/64 Conical Sharp

STTC-x06



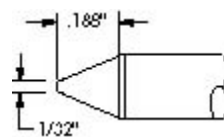
1/32 Conical Sharp

STTC-x07



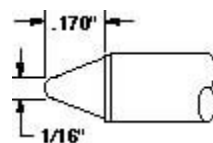
1/32 Conical

STTC-x11



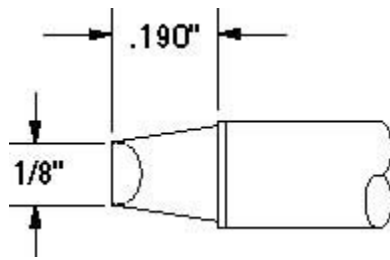
1/16 Conical

STTC-x12



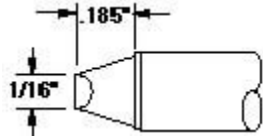
1/16 90° Chisel

STTC-x13



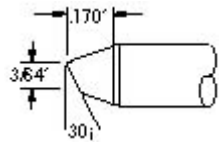
1/64 60° Bevel

STTC-x14



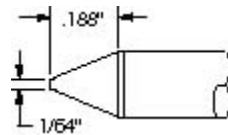
3/64 30° Bevel

STTC-x15



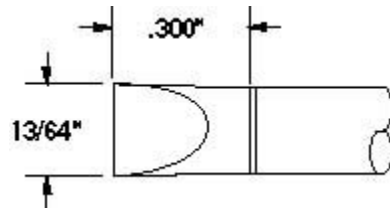
1/64 Conical

STTC-x16



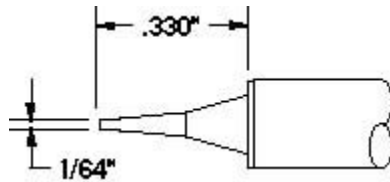
13/64 Extra Large Chisel

STTC-x17



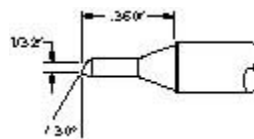
1/64 Conical Sharp

STTC-x22



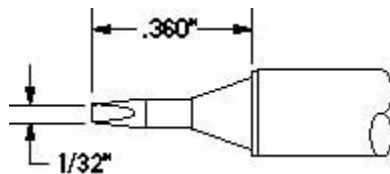
1/32 30° Bevel

STTC-x24



1/32 30° Chisel

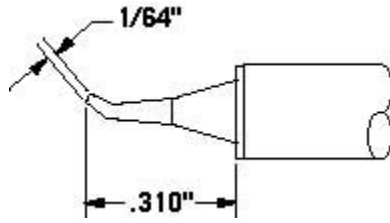
STTC-x25



1/64 Sharp (Bent 30°)

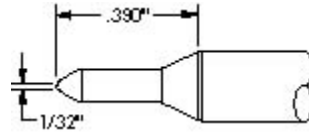


STTC-x26



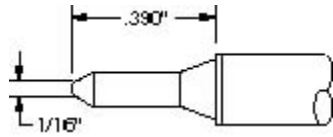
1/32 Conical Sharp

STTC-x31



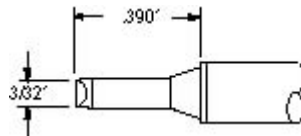
1/16 Conical Sharp

STTC-x32



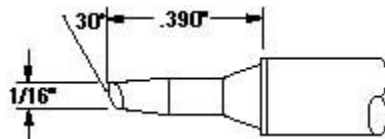
3/32 90° Chisel

STTC-x33



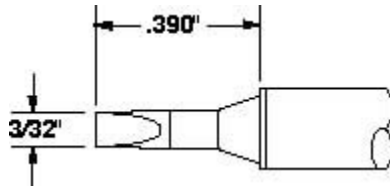
1/16 30° Bevel

STTC-x35



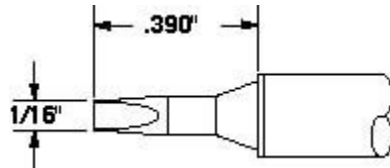
3/32 30° Chisel

STTC-x36



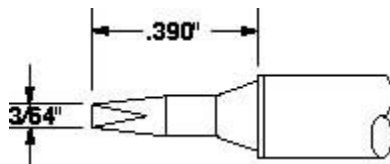
1/16 30° Chisel

STTC-x37



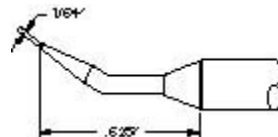
3/16 30° Chisel

STTC-x38



1/64 Conical Sharp (Bent 30°)

STTC-x40



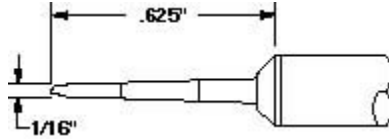
3/64 Conical Chisel (Bent 30°)

STTC-x41



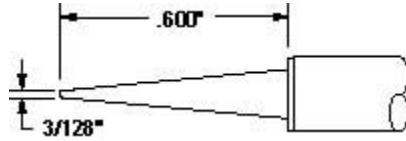
1/16 60° Chisel

STTC-x42



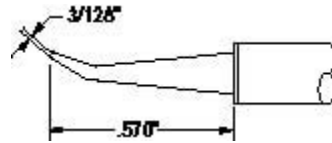
3/128 Conical Sharp

STTC-x43



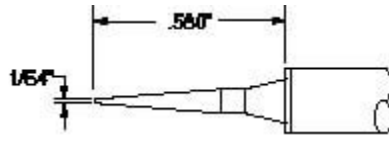
3/128 Conical Sharp (Bent 30°)

STTC-x44



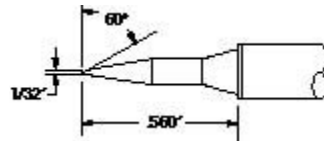
1/64 60° Bevel

STTC-x45



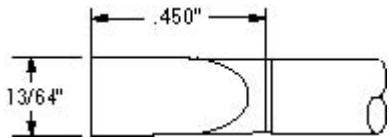
1/32 60° Bevel

STTC-x47



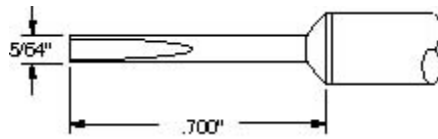
13/64 Extra Large Chisel

STTC-x65



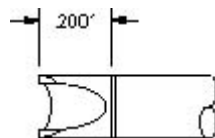
Conical Grooved

STTC-x83



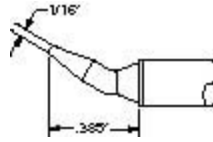
Semi-Rigid Coax

STTC-x97

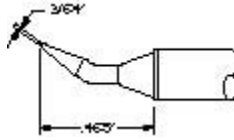


1/16 Chisel (Bent 30°)

STTC-x98



3/64 Chisel (Bent 30°)



STTC-x99

x=0 for 600, 1 for 700, 5 for 500