

Soldering Tips

for PS-800 System with PS-CA1 Coil



	PHT-752035 Conical Fine 0.5mm (.02")		PHT-754487F Hoof 45° Face Only 3.0mm (.12")
	PHT-752057 Conical Fine 1.0mm (.04")		PHT-754497F Hoof 45° 4.0mm (.16")
	PHT-752327 Conical Fine/Bent 0.4mm (.016")		PHT-755437 Knife Sharp 45° 3.0mm (.12")
	PHT-752335 Conical Fine 30° 0.5mm (.02")		PHT-755457 Knife Sharp 45° 4.5mm (.18")
	PHT-752337 Conical Fine/Bent 30° 0.5mm (.02")		PHT-755477 Knife Bevel 45° 5.0mm (.20")

75 = 750 Series for most standard applications. 65 = 650 Series also available for temperature sensitive applications. To order this series, replace 75 with 65.

Soldering & Rework Cartridges

for Metcal MX-500 Series



SOLDERING CARTRIDGES *Optimised geometries for Lead Free*

	STTC-101P Conical Sharp 1mm (.04")		STTC-137P Chisel 30° 1.8mm (.07")
	STTC-125P Chisel 30° 1mm (.04")		STTC-145P Conical 0.4mm (.016")
	STTC-136P Chisel 30° 2.5mm (.10")		STTC-147P Bevel 60° 1.78mm (.07")
	STTC-138P Chisel 35° 1.4mm (.06")		STTC-1173P Knife 5.0mm (.22")

1 = 700 Series for most standard applications. Only 700 Series available.

STANDARD SOLDERING CARTRIDGES *Frequently used geometries*



	STTC-136* Chisel 30° 2.5mm (.10")		STTC-113* Chisel 90° 3.0mm (.12")
	STTC-137* Chisel 30° 1.78mm (.07")		STTC-133 Chisel 90° 2.5mm (.10")
	STTC-138* Chisel 30° 1.5mm (.06")		STTC-104 Chisel 90° 1.78mm (.07")

Soldering & Rework Cartridges

for Metcal MX-500 Series

STANDARD SOLDERING CARTRIDGES *Frequently used geometries*

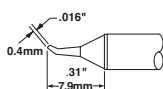


	STTC-125* Chisel 30° 1.0mm (.04")		STTC-106 Conical Sharp 0.4mm (.16")
	STTC-103* Chisel 90° 3.0mm (.12")		STTC-132 Conical Sharp 1.78mm (.07")
	STTC-141* Chisel 30° 1.3mm (.05")		STTC-102 Conical Sharp 1.78mm (.07")
	STTC-120 Long Reach Chisel 12° 3.8mm (.15")		STTC-101 Conical Sharp 1.0mm (.04")
	STTC-142 Long Reach Chisel 60° 1.78mm (.07")		STTC-131 Conical Sharp 1.0mm (.04")
	STTC-198 Chisel Bent 30° 1.78mm (.07")		STTC-143* Conical Sharp 0.5mm (.02")
	STTC-199 Chisel Bent 30° 1.5mm (.06")		STTC-183 Conical Grooved 2.0mm (.08")
	STTC-165 Large Chisel 5.0mm (.20")		STTC-140* Sharp Bent 30° 0.4mm (.016")
	STTC-117* Extra Large Chisel 5.0mm (.20")		STTC-144* Sharp Bent 30° 0.5mm (.02")
	STTC-112 Conical 2.3mm (.08")		STTC-145 Conical 0.4mm (.016")
	STTC-111 Conical 0.5mm (.02")		STTC-147 Bevel 60° 1.78mm (.07")
	STTC-116* Conical 0.5mm (.02")		STTC-105 Bevel 30° 1.78mm (.07")
	STTC-107 Conical Sharp 1.0mm (.04")		STTC-115 Bevel 30° 1.3mm (.05")
	STTC-122 Conical Sharp 0.4mm (.16")		STTC-124 Bevel 30° 1.0mm (.04")

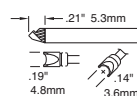
1 = 700 Series for most standard applications. 0 = 600 series and 5 = 500 series also available for temperature sensitive applications.
8 = 800 Series for ceramic applications, only available for *. To order these series, replace 1 with either 0, 5 or 8.

Soldering & Rework Cartridges

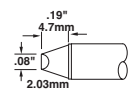
for Metcal MX-500 Series



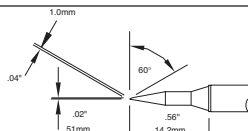
STTC-126*
Sharp Bent 30°
0.4mm (.016")



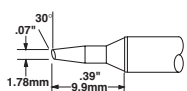
STTC-197
Grooved Semi-Rigid
Coax



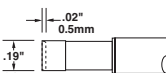
STTC-114
Bevel 45°
2.3mm (.08")



STTC-146
Long Reach Bevel 60°
1.0mm (.04")



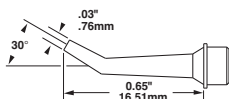
STTC-135
Bevel 30°
1.78mm (.07")



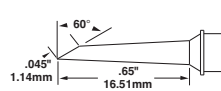
STTC-170
Heat Staking
4.8mm (.19")

1 = 700 Series for most standard applications. 0 = 600 series and 5 = 500 series also available for temperature sensitive applications.
8 = 800 Series for ceramic applications, only available for *. To order these series, replace 1 with either 0, 5 or 8.

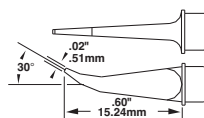
MICRO FINE REWORK CARTRIDGES *For reworking 0201 and 0402 or microfine components in tight spaces*



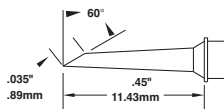
SMTC-1171
Conical Bent 30°
0.76mm (.03")



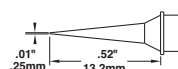
SMTC-1174
Long Reach Micro Hoof
1.14mm (.045")



SMTC-1172
Conical Bent 30° Fine
0.51mm (.02")



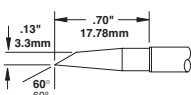
SMTC-1175
Long Reach Micro Hoof
0.89mm (.035")



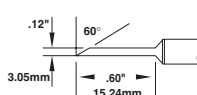
STTC-190*
Conical Microfine
0.25mm (.01")

1 = 700 Series for most standard applications. 0 = 600 series and 5 = 500 series also available for temperature sensitive applications.
8 = 800 Series for ceramic applications, only available for *. To order these series, replace 1 with either 0, 5 or 8.

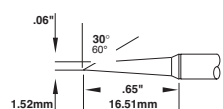
HOOF AND KNIFE CARTRIDGES *For Drag Soldering*



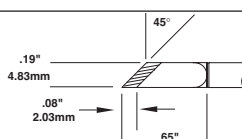
SMTC-1147*
Hoof
3.3mm (.13")



SMTC-1170**
Long Reach Hoof
3.05mm (.12")



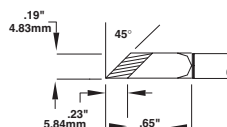
SMTC-1167**
Mini-Hoof
1.52mm (.06")



SMTC-1161*
Knife - Tinned Area
2.03mm (.08")



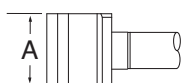
SMTC-1169**
Long Reach Hoof
2.03mm (.08")



SMTC-1173
Knife - Increased Tinned Area
5.84mm (.23")

Same as above. * = Not available for 800 Series ** = Not available for 500 and 800 Series

BLADE CARTRIDGES



Part No.	Description	A
SMTC-1110**	Dual Heater Quad	39.37mm (1.55")
SMTC-162	Blade Cartridges	22.10mm (0.870") Long
SMTC-161	Blade Cartridges	15.75mm (0.620") Long
SMTC-160	Blade Cartridges	10.41mm (0.410") Long
SMTC-163**	Dual Heater Blade	45.46mm (1.79") Long
SMTC-164**	Short Blade	5mm (0.20")

Same as above. ** = Not available for 500 and 800 Series