

# Product Update

## STTC Power Tips

Date 18<sup>th</sup> October 2005

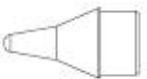






OK International is pleased to introduce a series of Power Tips especially designed to address the high thermal demands of lead free alloys and other high thermal demand applications. In concert with our proprietary SmartHeat technology, OKI has enhanced thermal transfer characteristics of our tip designs to deliver a significant increase in thermal performance without resorting to the conventional approach of increasing tip idle temperatures.

The new part number designation represents the traditional STTC tip style for which the new power tip is an alternative.

We expect users to see a 20% or more improvement in soldering performance with the power tips.

### Notes

- Part numbers in the power range have a P at the end.
- Pricing & delivery will be the same as a standard tip.
- Most popular and thermally efficient geometries selected then redesigned to optimize for the best thermal transfer.
- Shaft geometry enhanced (more lanes in the thermal highway).
- Tip length shortened (less distance to travel).

STTC-101P		Conical Sharp 1mm (0.04")
STTC-125P		Chisel 30° 1mm (0.04")
STTC-136P		Chisel 30° 2.5mm (0.10")
STTC-137P		Chisel 30° 1.78mm (0.07")
STTC-145P		Conical 0.4mm (0.016")
STTC-147P		Bevel 60° 1.78mm (0.07")
STTC-1173P		Knife 5.0mm (0.22")