

Soldering tip chisel 90° 3.0 mm series T - Thermaltronics TM80CH180

Item no. WL38500

Manufacturer Thermaltronics

A chisel tip with a 3.0 mm face and a steep 90° grind that keeps a lot of material behind the contact area and heats large joints quickly. Tip length 8.9 mm, working range 420-475 °C. For the SHP-T hand piece on TMT-5000S-1 and TMT-5000S-2.

TECHNICAL DATA

Weight	0.1 kg
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DESCRIPTION

On ground planes, shielding cans and heavy terminations a shallow grind lets the tip temperature collapse. The 90° chisel of this T series cartridge leaves considerably more mass behind its 3.0 mm contact face, so heat is delivered more evenly without stretching contact time.

BENEFITS

- Steep 90° grind with high heat storage behind the face
- 3.0 mm face for high mass joints and wide pads
- 8.9 mm tip length for a direct heat path from the heating element
- 420-475 °C working range designed for lead-free solders
- RoHS compliant and lead-free, cartridge available singly

TECHNICAL DATA

Item number	WL38500
Model	TM80CH180
Manufacturer	Thermaltronics
Manufacturer item number	TM80CH180
Product series	T tip series, 420-475 °C
Temperature range	420-475 °C

Soldering or desoldering tip	Soldering tip
Tip shape	Chisel 90°
Tip width	3 mm (0.12 in)
Tip length	8.9 mm (0.35 in)
Suitable hand piece	SHP-T
Compatible stations	TMT-5000S-1, TMT-5000S-2
Order unit	Piece
Dimensions with packaging (LxWxH)	117 mm x 33 mm x 13 mm (4.6 in x 1.3 in x 0.5 in)
Weight	0.1 kg
Design	RoHS compliant, lead-free

APPLICATIONS

Soldering to ground planes and shielding cans, tinning heavy stranded wire, work on power components and bus bars, and desoldering large through-hole terminations with braid.

COMPATIBILITY AND SCOPE OF DELIVERY

The cartridge belongs to the T series, is held in the SHP-T hand piece and runs on the TMT-5000S-1 and TMT-5000S-2 soldering stations. One TM80CH180 cartridge is supplied.