

Soldering tip hoof with dent 45° 2.0 mm T series - Thermaltronics T80WV020

Item no. WL38397

Manufacturer Thermaltronics

The dented hoof form keeps a small solder reservoir right at the lead row while drag soldering fine pitch packages. With a 2.0 mm working face, a 13 mm tip and a self regulating 420 to 475 °C band it suits fast work on QFP and SOIC leads. It fits the SHP-T hand piece of the TMT-5000S-1 and TMT-5000S-2 systems.

TECHNICAL DATA

Weight **0.1 kg**



DESCRIPTION

When dragging along a lead row, tip geometry decides how much solder travels with the tip and how much stays behind as a bridge. The hoof form with a dent, ground at 45°, holds a defined amount of solder and releases it in a controlled way across a 2.0 mm face.

BENEFITS

- The dent in the hoof retains molten solder at the tip and cuts down bridging during drag soldering
- 2.0 mm working face on a 13 mm tip stays visible even in densely populated areas
- Curie point technology without sensor or controller, working band 420-475 °C
- High thermal output for lead-free alloys and demanding joints
- RoHS compliant

TECHNICAL DATA

Item number	WL38397
Model	T80WV020
Manufacturer	Thermaltronics
Manufacturer item number	T80WV020
Product series	T tip series, 420-475 °C
Temperature range	420-475 °C

Type	Soldering tip
Tip shape	Hoof with dent, 45°
Tip length	13 mm (0.51 in)
Tip width	2 mm (0.08 in)
Suitable hand piece	SHP-T
Suitable systems	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 capable

APPLICATIONS

Drag soldering QFP and SOIC lead rows, rework on fine pitch parts, placing and correcting individual joints in prototype work.

COMPATIBILITY AND SCOPE OF DELIVERY

For the SHP-T hand piece of the TMT-5000S-1 and TMT-5000S-2 soldering systems. One tip cartridge is supplied, hand piece and power unit are ordered separately.