

Soldering tip bevelled 30° 1.78 x 11.7 mm 302 °C STTC series - Metcal STTC-505

Item no. WL24408

Manufacturer Metcal

Solder cartridge bevelled at 30° with a 1.78 mm tip width and 11.7 mm tip length for temperature sensitive applications on Metcal SmartHeat systems. The cartridge runs at a fixed tip temperature of 302 °C, so no calibration and no temperature setting on the station is required. It fits the MX-H1-AVA, MX-RM3E hand pieces on MX-500, MX-5000 and MX-5200.

Kein Produktbild

TECHNICAL DATA

Weight 0.1 kg

DESCRIPTION

On Metcal SmartHeat stations the working temperature is selected through the cartridge instead of the power unit. The STTC series STTC-505 is a solder cartridge bevelled at 30° with a 1.78 mm tip width and 11.7 mm tip length, rated at a fixed tip temperature of 302 °C. It is made for temperature sensitive applications with minimal thermal load on component and board.

BENEFITS

- Low fixed tip temperature of 302 °C to protect heat sensitive components and thin tracks
- Bevelled face with high solder loading for drag soldering and connectors
- Self regulating SmartHeat technology keeps the temperature at the joint stable without setting or calibration
- Tip length of 11.7 mm for defined access to the joint
- Tool free cartridge change on the MX-H1-AVA, MX-RM3E hand pieces

TECHNICAL DATA

Item number	WL24408
Manufacturer	Metcal
Manufacturer item number	STTC-505
Model	STTC-505
Product series	STTC series
Tip alignment	bevelled 30°

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Tip width	1.78 mm
Tip length	11.7 mm
Tip temperature	302 °C
Temperature series	500 series
Compatible hand piece	MX-H1-AVA, MX-RM3E
Order unit	piece
Weight	0.100 kg

APPLICATIONS

Drag soldering of fine pitch devices, connector headers and pin strips, plus rework on larger pads and ground planes. The bevelled face holds solder and carries it evenly across a row of leads.

COMPATIBILITY AND SCOPE OF DELIVERY

The cartridge fits the MX-H1-AVA, MX-RM3E hand pieces and works on the MX-500, MX-5000 and MX-5200 systems. Changing tip shape or temperature means swapping the cartridge during operation. The order unit is one piece, supplied as a single STTC-505 solder cartridge without hand piece and without power unit.