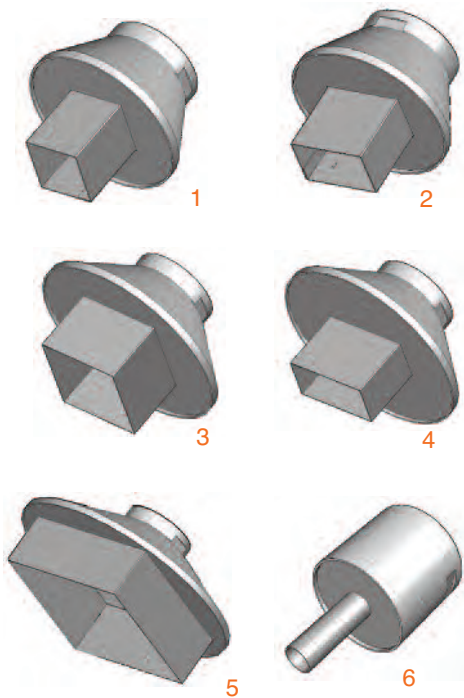
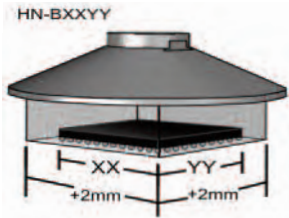


HCT-1000 Programmable Handheld Convection Tool



HN Series Nozzles

A series of 14 Nozzles are available for use with the MRS-1000 / HCT-1000. The nozzles fit applications reworking components of all sizes from (including, but not limited to) BGAs, QFPs, LGAs, PLCC and SOIC. A custom nozzle program is also available.

Nozzle Measurement and Selection

The nozzle part number (the digits after the “B”) represents the size of the component. 2mm have been added to each side of the internal nozzle dimension to allow for component access.

Part Number	Component Size	Components
HN-B0707 1	7mm X 7mm	CSP, LGA44
HN-B1010 1	10mm X 10mm	CSP, LGA178, LCC28
HN-B1414 1	14mm X 14mm	CSP, QFP, TQFP100
HN-B1408 2	14mm X 8mm,	CSP, SOIC24M
HN-B1515 3	15mm X 15mm	BGA
HN-B1818 3	18mm X 18mm	PLC44, CSP, TQFP100, BGA
HN-B2525 3	25mm x 25mm	BGA, PLCC68
HN-B1809 4	18.2mm X 8.5mm	SOLJ28, SOIC28M, TSOP32
HN-B2519 4	24.5mm X 18.5mm	QFP100, QFP80
HN-B2727 5	27mm X 27mm	BGA
HN-B3232 5	32mm X 32mm	BGA
HN-B3535 5	35mm X 35mm	BGA
HN-B4040 5	40mm X 40mm	BGA
HN-J0005 6	5mm Ø Diameter	DISCRETE

Nozzle Accessories

HCT-NC 7	Nozzle Carrier
HNA-1 8	Nozzle Adapter
HCTA-NW1 9	Nozzle Wrench



Metcal offers a full custom program for nozzles not available within the standard offering shown above. Please contact us: www.metcal.com