

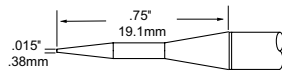
# Hand Soldering, Desoldering, & Rework

## TxP Tweezer & DxP Desoldering Cartridges

### Temperature Guide & Tip Specifications\_TxP & DxP-Series

Max Temperature	MFR-Series	Application
690 °F/366 °C	TTP & DTP	Temperature Sensitive
790 °F/421 °C	TFP & DFP	Fiberglass, Most Standard
880 °F/471 °C	TCP & DCP	Ceramic and High Thermal Demand
TxP Tweezer Cartridges compatible with: MFR-1140, MFR-2240, MFR2241 Systems and MFR-H4-TW hand-piece		
DxP Desoldering Tips compatible with: MFR-1150, MFR-1350, MFR-1351 systems with MFR-H5-DS hand-piece and previous MFR-DSX, -DSI, -SDX, -SDI Systems with MFR-HDS hand-piece. All dimensions shown are in mm (inches).		
Please note the above temperatures are the maximum temperatures of the heater. The idle temperature is dependent on the geometry of the cartridge (up to 15 °C lower.)		

#### TxP - Rework Tweezer Cartridges - Conical



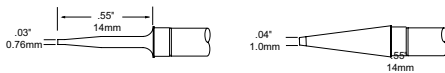
TFP-CNP1

TTP-CNP1

TCP-CNP1

(Ø x L), 0.4 x 19.1 mm (.015" x .75")  
Sold per pair.

#### TxP - Rework Tweezer Cartridges - Blade

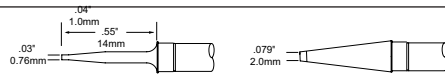


TFP-BLP1

TTP-BLP1

TCP-BLP1

(W x L), 1.0 x 14 mm (.04" x .55"),  
sold per pair



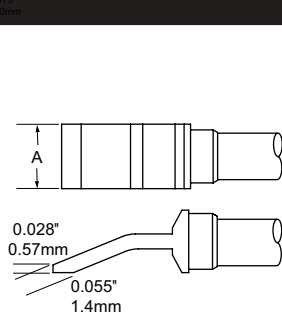
TFP-BLP2

TTP-BLP2

TCP-BLP2

(W x L), 2.0 x 14 mm (.08" x .55"),  
sold per pair

#### TxP - Rework Tweezer Cartridges - Wide Blade



TFP-BLH40

TTP-BLH40

TCP-BLH40

TFP-BLH50

TTP-BLH50

TCP-BLH50

TFP-BLH60

TTP-BLH60

TCP-BLH60

TFP-BLH70

TTP-BLH70

TCP-BLH70

A

6.35 mm (.25"),  
sold per pair

16 mm (.62"),  
sold per pair

20.5 mm (.81"),  
sold per pair

28 mm (1.1"),  
sold per pair

All dimensions shown are in mm (inches)

	DxP - Desoldering Tips	A	B	Type
<p>Standard</p> <p>5.54mm 0.218"</p>	DFP-CN2	0.64 (.025)	1.78 (.070)	Standard
	DCP-CN2			
	DFP-CN3	0.76 (.030)	2.03 (.080)	Standard
	DCP-CN3			
	DFP-CN4	1.02 (.040)	2.28 (.090)	Standard
	DCP-CN4			
	DFP-CN5	1.27 (.050)	2.64 (.104)	Standard
<p>Long Reach</p> <p>12.80mm 0.503"</p>	DCP-CN5			
	DFP-CN6	1.52 (.060)	2.84 (.112)	Standard
	DCP-CN6			
	DFP-CN7	2.41 (.095)	3.63 (.143)	Standard
	DCP-CN7			
	DFP-CNL3	0.76 (.030)	2.03 (.080)	Long Reach
	DCP-CNL3			
DFP-CNL4	1.02 (.040)	2.28 (.090)	Long Reach	
DCP-CNL4				
DFP-CNL5	1.27 (.050)	2.64 (.104)	Long Reach	
DCP-CNL5				

For our complete selection of tips & cartridges, visit [www.metcal.com](http://www.metcal.com)