

Cartridge Selection Guide

CV & MX Soldering/Desoldering/Rework Systems



ConnectionValidation™ (CV) & MX Cartridges

For use with:

CV-5200 Series

CV-500 Series

MX-5000 Series

MX-5200 Series

MX-500 Series

Contents

Cartridges for CV and MX Soldering Systems

<u>CV/MX-Series</u>	<u>Type</u>	<u>Page</u>
CVC/STTC	Soldering Cartridges - Bevel Cartridges	1
CVC/STTC	Soldering Cartridges – Chisel	2 - 4
CVC/STTC	Solder Cartridges - Conical	5 - 6
CVC/STTC	Soldering Cartridges - U-/V-Groove	7
SMC/SMTC	Rework Cartridges - Blade	8
SMC/SMTC	Rework Cartridges - Hoof	9 - 10
SMC/SMTC	Rework Cartridges - Hook	10
SMC/SMTC	Rework Cartridges - Knife	10
UFC/--	UltraFine Cartridges - Chisel	11
UFC/--	UltraFine Cartridges - Conical	11 - 12
UFC/--	UltraFine Cartridges – Hoof	12
HCV/HTC	High Thermal Demand Cartridges	13 - 14
PTC/PTTC	Tweezer Cartridges	15 - 16
UFT/--	UltraFine Tweezer Cartridges	17
DSC/STDC	De-Solder Cartridges	18



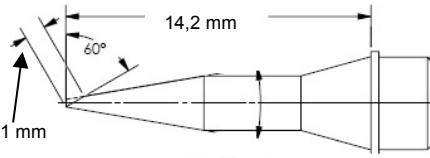
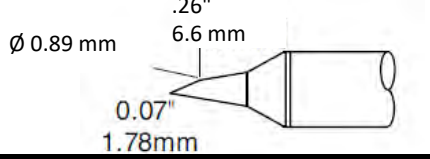
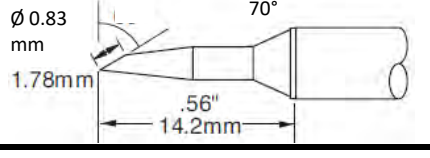
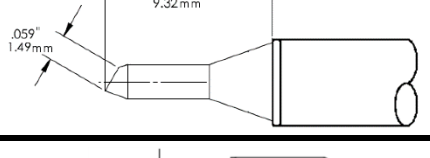
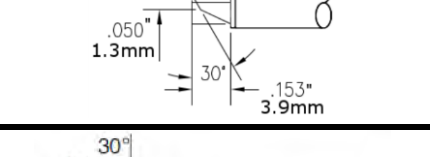
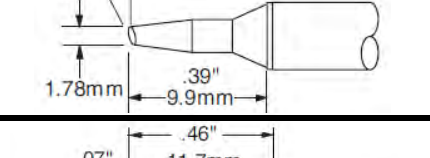
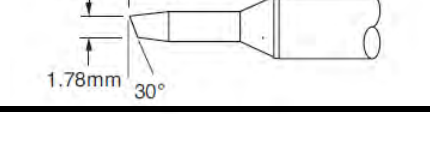
CVC Cartridges are compatible with MX-500, MX-5000, MX-5200 and CV-5200, CV-500 Systems - MX-RM3E, MX-RM6E, MX-H1-AV, MX-H7-SF - CV-H1-AV and CV-H7-AV Solder Hand pieces.

STTC Cartridges are compatible with MX-500, MX-5000 and MX-5200 Systems – MX-RM3E, MX-RM6E, MX-H1-AV and MX-H7-SF Solder Hand pieces.

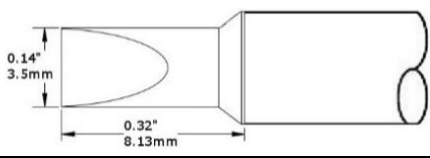
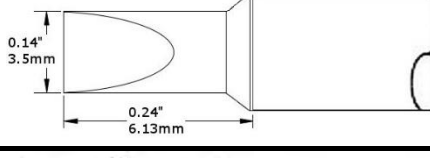
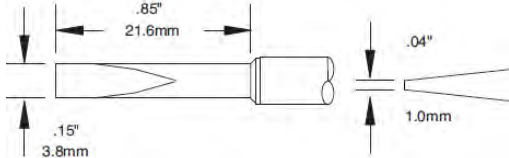
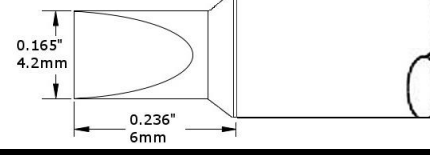
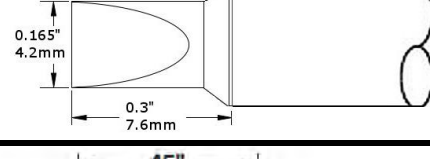
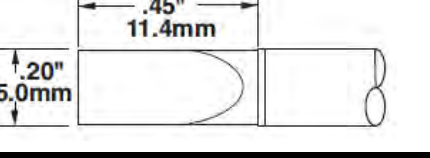
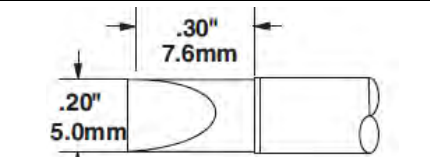
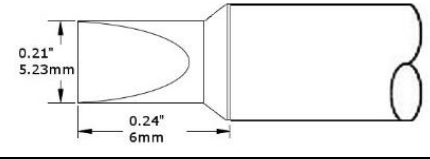


Temperature	CV-Series	MX-Series	Application
575 °F/302 °C	CVC-5xxx	STTC-5xx	Temperature Sensitive
675 °F/357 °C	CVC-6xxx	STTC-0xx	
775 °F/413 °C	CVC-7xxx	STTC-1xx	Most Standard
875 °F/468 °C	CVC-8xxx	STTC-8xxV1	Ceramic and High Thermal Demand
950 °F/510 °C	CVC-9xxx	STTC-8xx	

Please note the above temperatures are the maximum temperatures of the heater. The idle temperature is dependent on the geometry of the cartridge.

Bevel Cartridges			
	CVC-5BV6005A CVC-6BV6005A CVC-7BV6005A CVC-8BV6005A CVC-9BV6005A	STTC-546 STTC-046 STTC-146 STTC-846V1 STTC-846	Long reach, (Bevel/L) 60° x 1 mm, (ø x L) 0.50 x 14.2 mm
	CVC-5BV6018P CVC-6BV6018P CVC-7BV6018P CVC-8BV6018P CVC-9BV6018P	STTC-547P STTC-047P STTC-147P STTC-847PV1 STTC-847P	(Bevel/L) 60° x 1.78 mm, optimised geometry for best thermal performance (ø x L) 0.89 x 6.6 mm
	CVC-5BV6018R CVC-6BV6018R CVC-7BV6018R CVC-8BV6018R CVC-9BV6018R	STTC-547 STTC-047 STTC-147 STTC-847V1 STTC-847	Long reach, (Bevel/L) 70° x 1.78 mm, (ø x L) 0.83 x 14.2 mm
	CVC-5BV4001S CVC-6BV4001S CVC-7BV4001S CVC-8BV4001S CVC-9BV4001S	STTC-524 STTC-024 STTC-124 STTC-824V1 STTC-824	(Bevel/L) 30° x 1.49 mm, (ø x L) 1.23 x 9.3 mm
	CVC-5BV3018P CVC-6BV3018P CVC-7BV3018P CVC-8BV3018P CVC-9BV3018P	STTC-515 STTC-015 STTC-115 STTC-815V1 STTC-815	(Bevel/L 30°) x 1.47 mm, optimised geometry for best thermal performance, (ø x L) 1.3 x 3.9 mm
	CVC-5BV6018S CVC-6BV6018S CVC-7BV6018S CVC-8BV6018S CVC-9BV6018S	STTC-535 STTC-035 STTC-135 STTC-835V1 STTC-835	(Bevel/L) 30° x 2.06 mm, (ø x L) 1.78 x 9.9 mm
	CVC-5BV3018S CVC-6BV3018S CVC-7BV3018S CVC-8BV3018S CVC-9BV3018S	STTC-505 STTC-005 STTC-105 STTC-805V1 STTC-805	(Bevel/L) 30° x 2.06 mm, (ø x L) 1.78 x 11.7 mm

Chisel Cartridges

	CVC-5CH0035S CVC-6CH0035S CVC-7CH0035S CVC-8CH0035S CVC-9CH0035S	N/A	(W x L) 3.5 x 8.13 mm
	CVC-5CH0035P CVC-6CH0035P CVC-7CH0035P CVC-8CH0035P CVC-9CH0035P	N/A	Optimised geometry for best thermal performance, (W x L) 3.5 x 6.13 mm
	CVC-5CH2238A CVC-6CH2238A CVC-7CH2238A CVC-8CH2238A CVC-9CH2238A	STTC-520 STTC-020 STTC-120 STTC-820V1 STTC-820	Long reach, flat, for work in tight spaces, (W x L) 3.8 x 21.6 mm
	CVC-5CH0040P CVC-6CH0040P CVC-7CH0040P CVC-8CH0040P CVC-9CH0040P	N/A	Optimised geometry for best thermal performance, (W x L) 4.2 x 6.0 mm
	CVC-5CH0040S CVC-6CH0040S CVC-7CH0040S CVC-8CH0040S CVC-9CH0040S	N/A	(W x L) 4.2 x 7.6 mm
	CVC-5CH0050A CVC-6CH0050A CVC-7CH0050A CVC-8CH0050A CVC-9CH0050A	STTC-565 STTC-065 STTC-165 STTC-865V1 STTC-865	Long reach, (W x L) 5.0 x 11.4 mm
	CVC-5CH0050S CVC-6CH0050S CVC-7CH0050S CVC-8CH0050S CVC-9CH0050S	STTC-517 STTC-017 STTC-117 STTC-817V1 STTC-817	(W x L) 5.0 x 7.6 mm
	CVC-5CH0050P CVC-6CH0050P CVC-7CH0050P CVC-8CH0050P CVC-9CH0050P	N/A	Optimised geometry for best thermal performance, (W x L) 5.23 x 6.0 mm