

# Hand Soldering, Desoldering, & Rework

## SSC Cartridges

### Temperature Guide & Tip Specifications\_SSC-Series

| Max Temperature | MFR & SP200-Series  | Application           |
|-----------------|---|-----------------------|
| 675 °F/357 °C   | SSC-6   | Temperature Sensitive |
| 775 °F/413 °C   | SSC-7   | Most Standard         |
|                 | Compatible with: SP200, MFR-1160 Systems, SP-HCI and MFR-H6-SSC hand-pieces |                       |

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.)

| Chisel   |          |  |
|--|----------|--|
|  | SSC-671A | Chisel, (W x L)<br>1.0 x 9.1 mm (.04" x .36")  |
|  | SSC-771A |  |
|  | SSC-625A | Chisel, (W x L) Cone 30°,<br>1.0 x 11 mm (.04" x .43")                                     |
|  | SSC-725A |  |
|  | SSC-638A | Chisel (W x L) 30°,<br>1.5 x 10 mm (.06" x .40")   |
|  | SSC-738A |  |
|  | SSC-637A | Chisel (W x L) 30°,<br>1.78 x 9.9 mm (.07" x .40")   |
|  | SSC-737A |  |
|  | SSC-672A | Chisel, (W x L)<br>1.78 x 9.9 mm (.07" x .39")   |
|  | SSC-772A |  |
|  | SSC-636A | Chisel 30°, (W x L)<br>2.5 x 9.9 mm (.10" x .39")  |
|  | SSC-736A |  |
| Conical  |          |  |
|  | SSC-645A | Conical, Sharp, Long Reach, (Ø x L),<br>0.4 x 19 mm (.016" x .75")                         |
|  | SSC-745A |  |
|  | SSC-622A | Conical, Sharp, (Ø x L),<br>0.51 x 11.4 mm (.02" x .45")                                   |
|  | SSC-722A |  |
|  | SSC-626A | Conical, Sharp Bent 30°, (Ø x L),<br>0.51 x 11.4 mm (.02" x .45")                          |
|  | SSC-726A |  |
|  | SSC-654A | Conical, Sharp Bent 30°, Long Reach, (Ø x L),<br>0.51 x 18.5 mm (.02" x .73")              |
|  | SSC-754A |  |
|  | SSC-601A | Conical, Sharp, (Ø x L),<br>1.0 x 15.2 mm (.04" x .60")                                    |
|  | SSC-701A |  |
| Rework Knife-Cartridges - For Multi-Lead Soldering of PLCCs/SOJs |          |  |
|  | SSC-661A | Knife, Bevel 45°,<br>(W x L), 4.5 x 16.25 mm (.18" x .64")                                 |
|  | SSC-761A |  |
|  | SSC-673A | Knife, Bevel 45°,<br>Increased tinned area 6.1 mm (W x L),<br>5.1 x 16.25 mm (.24" x .64") |
|  | SSC-773A |  |

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