PRODUCT CATALOG & APPLICATION GUIDE

# PLATO®

TWChemtronics®

# Quality Tools for Electronics Assembly and Repair

**ITW Chemtronics**® is proud to offer **Plato**® tools for electronic soldering applications. Whether your requirements are for soldering tips, solder pots or cutters, Plato has the right solutions for your soldering requirements.

**Plato quality tools include:**

- **Replacement soldering tips**
- **Shear cutters**
- **Solder pots**
- **Solder accessories, sponges and flux bottles**

RoHS WEEE Compliant

Pb

## YOUR ONE SOURCE FOR SOLDERING TIPS

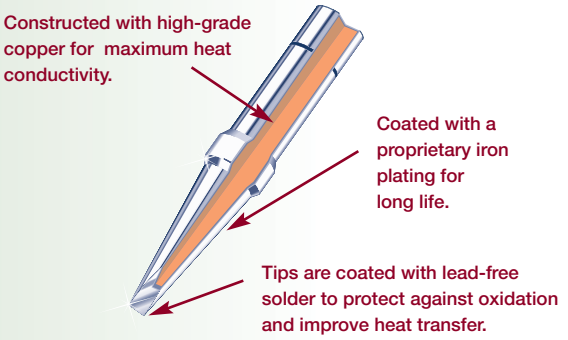
Plato is one of the largest manufacturers of soldering tips in the world, producing tips to fit all of the most popular soldering stations. The long life and fast heat recovery of Plato soldering tips increases soldering speed.

### Long Life

Proprietary iron plating is optimized for lead-free solders, increasing tip life.

### Rapid Heat Recovery

Plato soldering tips are constructed from highly conductive premium grade copper to transmit heat to the work more quickly. Rapid heat recovery enables more joints to be soldered per minute.

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PLATO

## LEAD CUTTERS

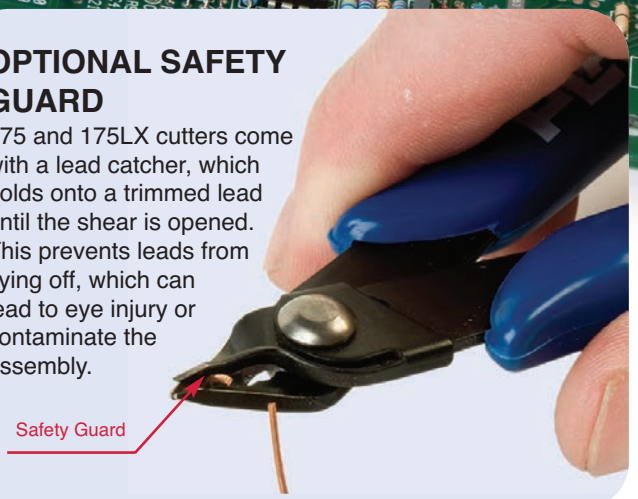
Plato cutters give you the precision of a high-end tool, but at a disposable cutter price. They flush cut component leads as large as 18 AWG copper wire (.040"/1.0mm).

Assemblers love the effortless shearing action, comfort, and safety. Plato cutters use the shear cutting method, which requires 50% less operator effort and extends cutting life.

The thin profile design is perfect for hard-to-reach areas in electronic assembly. Handles are cushioned for comfort all day, and automatically spring back to their original position after each use.

### OPTIONAL SAFETY GUARD

175 and 175LX cutters come with a lead catcher, which holds onto a trimmed lead until the shear is opened. This prevents leads from flying off, which can lead to eye injury or contaminate the assembly.




**170 · 175**

### PLATOSHEAR

GENERAL PURPOSE LEAD CUTTER

Our best-selling cutters! Precise, reliable cutting action at an economical price. Thin profile handle and light weight design is ideal for smaller hands.

- Economical, disposable cutter
- Thin blade profile for trimming in tight areas
- Ergonomic handle design
- Spring-back action

**170** 1 cutter, 10/case
**175** 1 cutter w/safety guard, 10/case

**170LX · 175LX**

### PLATOSHEAR LX

ERGONOMIC, ESD-SAFE LEAD CUTTER

Sculpted handle design made of ESD-safe material gives the Platoshear LX cutters the look and feel of a high-end shear cutter.

- Ergonomic handled designed for comfort
- ESD-safe handle to prevent static discharge

**170LX** 1 cutter, 10/case
**175LX** 1 cutter w/safety guard, 10/case

ESD-safe

**1755**

### PLATO BIG SHEAR

HEAVY DUTY CUTTER

Cuts round and flat cable, co-ax, nickel, Kovar, and other wire with a clean shearing cut that reduces cable cut-end distortion. Lightweight design significantly reduces operator fatigue.

- For heavy gauge wire
- Cushioned rubber handles
- Spring-back action

**1755** 1 cutter, 10/case

# SOLDER POTS

Plato® solder pots are known around the world for their durable construction and precise controls. Ideal for tinning lead wires, pre-tinning small electrical parts, or dip soldering small assemblies and circuit devices.

## Porcelain Coated Crucibles

Plato's porcelain coated crucible is easy to clean and offers a long service life. Solder will not adhere to the porcelainized surface, allowing for easy maintenance. The coating also resists corrosion common with activated fluxes and high tin content solders. Ground stud is installed through coating to control ESD.

Solder beads off the porcelain coating like water on a freshly waxed car

### SP-101/P • SP-201P • SP301/P • SP401P
## GENERAL PURPOSE SOLDER POTS

Plato general purpose solder pots control temperature ± 6°C through the use of a thermal timer switch with automatic correction for voltage fluctuations.

- Safety heat shield & removable dross tray
- 64mm dia. x 38mm deep crucible
- 907g solder capacity
- Adjustable leveling feet
- All metal construction for ESD protection

| Product | Crucible | Volts | Watts | Temp. Range |
|---|---|---|---|---|
| SP-101 | Uncoated Iron | 120 | 350 | 260°C - 524°C |
| SP-101P | Porcelain Coated Iron | 120 | 350 | 260°C - 524°C |
| SO-201P | Porcelain Coated Iron | 240* | 350 | 260°C - 524°C |
| SP-301 | Uncoated Iron | 120 | 500 | 260°C - 593°C |
| SP-301P | Porcelain Coated Iron | 120 | 500 | 260°C - 593°C |
| SP-401P | Porcelain Coated Iron | 240* | 500 | 260°C - 593°C |

* 240V does not include plug. Power cable needs to have locally compatible plug stripped on.

### SP-500T/P • SP-150TP
## PRECISION ELECTRONIC SOLDER POTS

Plato's Precision Solder Pots exceed the requirements of military specifications ANSI J-STD-001B. The pots control temperatures to ±2.75°C of a preselected setting and have an LCD temperature display. Designed for voltage sensitive components. Electronics compensate for incoming power fluctuations, limiting transient voltage spiking to 2mV peak-to-peak.

- High precision temperature control ± 2.75°C
- LCD displays preset temperature and operating temperature
- Safety heat shield & removable dross tray
- 64mm dia. x 38mm deep crucible
- 907g solder capacity
- Adjustable leveling feet
- All metal construction for ESD protection

| Product | Crucible | Volts | Watts | Temp. Range |
|---|---|---|---|---|
| SP-500T | Uncoated Iron | 120 | 350 | Ambient - 496°C |
| SP-500TP | Porcelain Coated Iron | 120 | 350 | Ambient - 496°C |
| SO-150TP | Porcelain Coated Iron | 240* | 350 | Ambient - 496°C |

* 240V does not include plug. Power cable needs to have locally compatible plug stripped on.

### SP-600TP • SP-750TP
## HIGH CAPACITY SOLDER POTS

High capacity pot for pre-tinning large assemblies and for use as a mini-wave. Precision electronic controls have the same features as listed above.

- 102mm width x 152mm length x 102mm deep crucible
- Large capacity – holds 14.5 kg of solder
- Safety crucible cover
- Adjustible leveling feet
- All metal construction

| Product | Crucible | Volts | Watts | Temp. Range |
|---|---|---|---|---|
| SP-600TP | Porcelain Coated Iron | 120 | 1000 | Ambient - 399°C |
| SO-750TP | Porcelain Coated Iron | 240* | 1000 | Ambient - 399°C |

* 240V does not include plug. Power cable needs to have locally compatible plug stripped on.

# DISPENSING BOTTLES

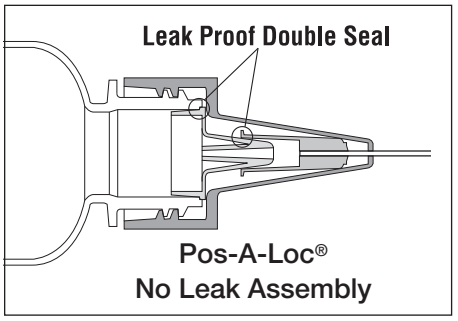
Each bottle is available with standard plastic or with optional ESD-safe cover. Plato's ESD-safe bottles are surrounded by permanently static dissipative sleeves that stay out of contact with flux and other liquids. This prevents conductive "hot spots" on the surface of the bottle.

- Protects voltage sensitive devices from static discharge
- Meets ANSI J-STD-001B
- Meets the requirements of DOD-STD-1686 for containers
- Physical characteristics comply with MIL-B-81705, Type 2

## FD-2 • FD-21 • SD-01 • SD-02
## NEEDLE FLUX DISPENSERS

Needle bottles are ideal for precisely controlled flux applications. Two different needle sizes are available: 0.25mm for low viscosity no-clean and aqueous fluxes, and 0.50mm for higher viscosity rosin-based fluxes.

- Dispense precise amount of flux without dripping, spilling, or waste
- Unique, no leak design




**0.25mm needle for No-Clean & Aqueous Fluxes**

**FD-21** 1 bottle
**SF-01** 1 bottle, ESD-safe

**0.50mm needle for Rosin-based Fluxes**

**FD-2** 1 bottle
**SF-02** 1 bottle, ESD-safe

FD-21 SF-01 FD-2 SF-02

## BC-250 • SF-250
## WATER & LIQUID DISPENSING BOTTLES

Polyethylene bottle, screw cap, and dispensing tube with 237ml capacity. Inexpensive way to wet sponges and dispense liquids without waste at the work bench.

**BC-250** 1 bottle,
**SF-250** 1 bottle, ESD-safe

BC-250

SF-250

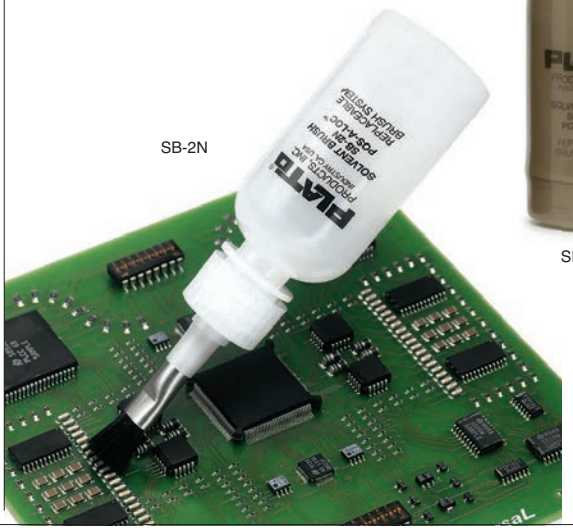
## SB-2N • SF-B2HH
## BRUSH SCRUB BOTTLES

Brush bottles are a great way to aggressively but safely clean white flux residues, adhesives, and other difficult soils from electronic assemblies. Natural hog bristles are neutral charge and static dissipative when saturated.

- Inexpensive and safe method to spot clean PCB assemblies
- Compatible with IPA, hexane, and acetone

**SB-2N** 1 bottle
**SF-B2HH** 1 bottle, ESD-safe

SF-B2HH



SB-2N

## REPLACEMENT SPONGES

Manufactured with pure cellulose (a wood derivative) which has the ability to absorb many times its weight in water. Also resistant to abrasion and tearing when wiping tips. Meets ANSI J-STD-001B for low sulphur content and fine porosity.

- Remove Surface Oxides
- Remove Excess Solder
- Extend Tip Life

Cheap synthetic sponges, like common household sponges, are not recommended for tip cleaning. They contain colorings, plasticizers, stiffeners, and other contaminants which will shorter tip life.

### CS-17
### PLATO CUT-TO-FIT SHEET

For difficult to find sponge sizes or special applications, Plato offers full sheets of sponge material that can be trimmed to exact size.

**CS-17**—1 sheet, 216mm x 432mm x 25mm thick

**CS-17/625**—Thinner Economy Sponge (1 sheet, 216mm x 432mm x 16mm thick)

(SCISSORS NOT INCLUDED)

### CS-43 • CS-44/44M
### HAKKO COMPATIBLE REPLACEMENT SPONGES

**CS-43**—10 sponges/pack, 45mm x 102mm x 25mm thick
**Fits Hakko 926-029B**

**CS-44**—10 sponges/pack, 69mm x 69mm x 25mm thick
**Fits Hakko 609-0229, A-1042**

**CS-44M**—10 sponges/pack, 69mm x 69mm x 25mm thick
**Fits Hakko 609-0229, A-1042**

### C-1 • CS-14/14M • CS-33 • CS-44/44M
### WELLER COMPATIBLE REPLACEMENT SPONGES

**CS-1**—10 sponges/pack, 38mm x 54mm x 25mm thick
**Fits Weller SP-60**

**CS-14**—10 sponges/pack, 55mm x 70mm x 25mm thick
**Fits Weller 52241999**

**CS-14M**—10 sponges/pack, 55mm x 70mm x 25mm thick
**Fits Weller 52241999**

**CS-33**—10 sponges/pack, 70mm x 114mm x 25mm thick
**Fits Weller EC-205**

**CS-44**—10 sponges/pack, 69mm x 69mm x 25mm thick
**Fits Weller TC-205**

**CS-44M**—10 sponges/pack, 69mm x 69mm x 25mm thick
**Fits Weller TC-205**

### CS-47
### METCAL & UNGAR COMPATIBLE REPLACEMENT SPONGES

**CS-47**—10 sponges/pack, 53mm x 81mm x 25mm thick
**Fits Metcal STSS-YS3 and Ungar 455, UTC234**

### CS-36
### HEXACON COMPATIBLE REPLACEMENT SPONGES

**CS-9/625**—10 sponges/pack, 89mm x 114mm x 16mm thick
**Fits Hexacon 8101, 8101C, 8121, 8121C**

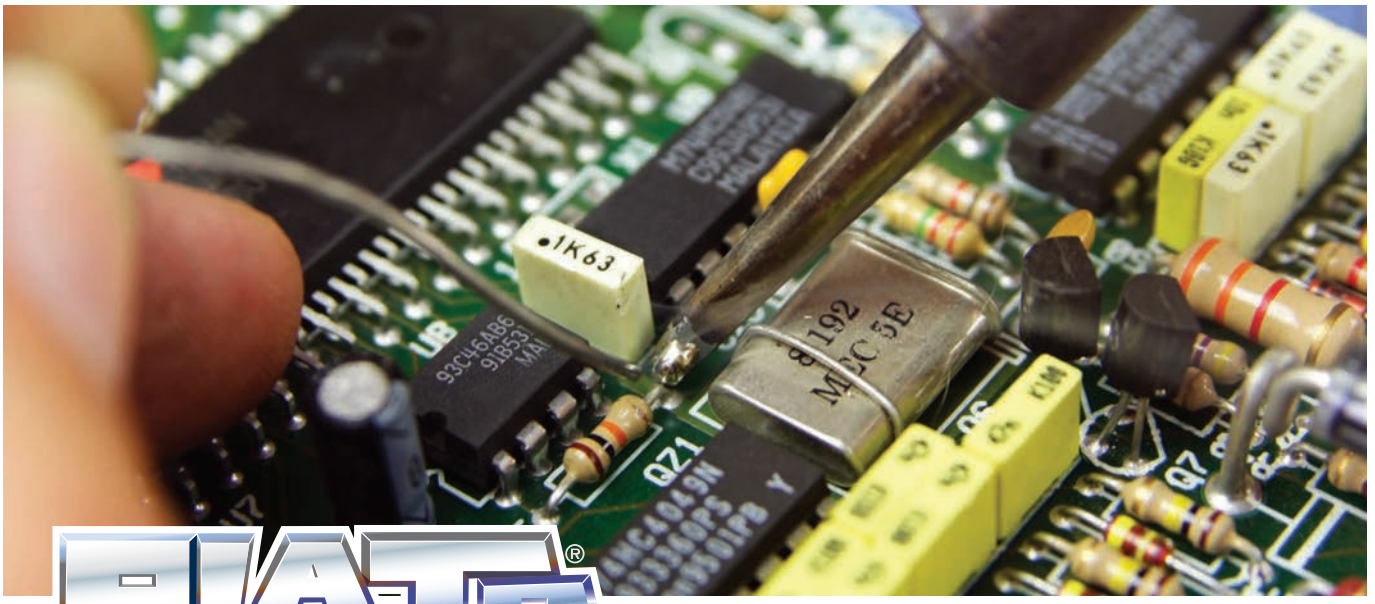
**CS-36**—10 sponges/pack, 57mm x 89mm x 25mm thick
**Fits Hexacon 8141, 8141C**

### TT-95
### TIP TINNER/TIP CLEANER

Plato's Tip Cleaner provides fast, efficient cleaning and re-tinning of highly oxidized soldering iron tips. This thermally-stable compound is lead-free, environmentally safe, and in an ESD-safe container. Tip Cleaner brings oxidized tips back to life, which improves soldering speed. Roll a hot soldering tip in the Tip Cleaner for a few seconds until the bright tinning surrounds the end of the tip.

- Extends tip life
- Lead-free
- Easy to use

**TT-95** 1 – 20g container, 10 per case



PLATO®

## REPLACEMENT SOLDERING & DESOLDERING TIPS

*Tip drawings are actual size*

| Hakko® | Plato® | ( ) = mm |
|---|---|---|
| 900M-T-1C | HS-5701 | 3/64" (1.2) |
| 900M-T-2C | HS-5702 | 5/64" (2.0) |
| 900M-T-3C | HS-5703 | 1/8" (3.0) |
| 900M-T-4C | HS-5875 | 5/32" (4.0) |
| 900M-T-0.8D | HS-2863 | 1/32" (0.8) |
| 900M-T-1.2D | HS-2796 | 3/64" (1.2) |
| 900M-T-1.2LD | HS-6030 | 3/64" (1.2) |
| 900M-T-1.6D | HS-2751 | 1/16" (1.6) |
| 900M-T-2.4D | HS-2752 | 3/32" (2.4) |
| 900M-T-3.2D | HS-2753 | 1/8" (3.2) |
| 900M-T-0.2RB | HS-4791 | 0.016" (0.4) |

*Tip drawings are actual size*

| Hakko® | Plato® | ( ) = mm |
|---|---|---|
| 900M-T-H | HS-0925 | 30°, 1/16" (1.6) |
| 900M-T-B | HS-4785 | .040" (1.0), .250" TIN LENGTH |
| | HS-8179 | .040" (1.0), .300" TIN LENGTH |
| 900M-T-LB | HS-4786 | 1/64" (0.4) |
| 900M-T-1 | HS-4787 | 1/64" (0.8) |
| 900M-T-K | HS-0927 | 3/16" (4.7), 1/4" (6.3) |
| 900M-T-S1 | HS-2796 | 3/64" (1.2) |
| 900M-T-S3 | HS-1665 | 13/64" (5.2) |
| 900M-T-S4 | HS-8175 | .008" (0.2) |
| 900M-T-S5 | HS-8157 | 1/64" (0.4) |
| SMD Flow Tip | HS-0530 | .128" (3.3), .118" (3.0) |
| SMD Flow Tip | HS-0531 | .195" (5.0), .135" (3.4) |

*Tip drawings are actual size*

| Hakko® | Plato® | ( ) = mm |
|---|---|---|
| 900L-T-5C | HS-5876 | .197" (5.0) |
| 900L-T-K | HS-0922 | .200" (5.1), .285" (7.2), .010" (.2), SMD Tip to solder SOIC and PLCC, .080" (2.0) |

| Hakko® | Plato® | ( ) = mm |
|---|---|---|
| 900L-T-S1 | HS-1666 | 7/32" (5.6), .040" (1.0) |

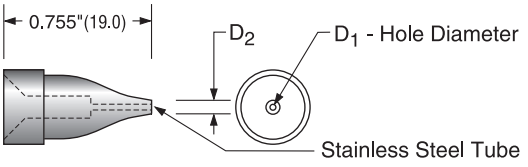
## HAKKO®

Desoldering Irons • 474 • 475 • 701 • 702B — Handpieces • 808 • 809

*Tip drawings are actual size.*

| Hakko® | Plato® | D1 (mm) | D2 (mm) |
|---|---|---|---|
| A-1002 | HK-0878 | .030" (0.8) | .070" (1.8) |
| A-1003 | HK-0879 | .040" (1.0) | .080" (2.0) |
| A-1004 | HK-0880 | .030" (0.8) | .090" (2.3) |
| A-1005 | HK-0881 | .040" (1.0) | .100" (2.5) |
| A-1006 | HK-0882 | .050" (1.3) | .120" (3.0) |
| A-1007 | HK-0883 | .060" (1.5) | .120" (3.0) |

- Premium quality for long life
- Iron plated outside and stainless steel tube insert prevents solder path erosion
- All dimensions are shown before tinning and are subject to manufacturing tolerances




## WELLER®

Soldering Stations • WSL • WSL2 • WD1 • WD2 • WS80 • WSD80 • WSD81
Soldering Handpieces • WSP 80 • MPR 80

### LONG LIFE LEAD-FREE TIPS

- Longer Life
- Designed for lead-free soldering
- Look for tips with an LF added to the end of the part number

NEW!

| Weller® | Plato® | ( ) = mm |
|---|---|---|
| – | MS-4140 | .031" (0.8) |
| LT1 | MS-4120 | .010" (0.25) |
| LT1L | MS-4110 | .010" (0.25) |
| LT1LX | MS-4101 | .010" (0.25) |
| LT1S | MS-4100 | .063" (1.6), .010" (0.25) |
| LT4W | MS-5160 | .047" (1.2) |

*Tip drawings are actual size*

| Weller® | Plato® | ( ) = mm |
|---|---|---|
| LT4X | MS-3125 | 28°, 0.016" (0.4), 0.085 (2.1), 0.047 (1.2) |
| LTA<br>LTA LF NEW! | MS-3200<br>MS-3200LF | .063" (1.6), .031" (0.8) |
| LTB<br>LTB LF NEW! | MS-3300<br>MS-3300LF | .094" (2.4), .031" (0.8) |
| LTC<br>LTC LF NEW! | MS-3400<br>MS-3400LF | .125" (3.2), .031" (0.8) |
| LTD<br>LTD LF NEW! | MS-3600<br>MS-3600LF | .181" (4.6), .031" (0.8) |

Be sure to add temperature indicating number to Plato® part number when ordering Plato® C-Tips.

Choose the desired temperature and add it to the end of the Plato part number* (Example C-3039-7)

| Desired Temperature | Suffix to Add to Plato Part Number |
|---|---|
| 700°F / 370°C | -7 |
| 800°F / 425°C | -8 |
| 900°F / 480°C | -9 |

*Tip drawings are actual size*

| Weller® | Plato® | ( ) = mm |
|---|---|---|
| PTA | C-3039 | 1/16"(1.6) |
| PTB | C-3040 | 3/32"(2.4) |
| PTC | C-3036 | 1/8"(3.2) |
| PTD | C-1016 | 3/16"(4.8) |
| PTF | C-593 | 1/32"(0.8) |
| PTH | C-3100 | 1/32"(0.8) |

*Tip drawings are actual size*

| Weller® | Plato® | ( ) = mm |
|---|---|---|
| PTK | C-3043 | 3/64"(1.2) |
| PTL | C-3044 | 5/64"(2.0) |
| PTM | C-3102 | 1/8"(3.2) |
| PTO | C-4223 | 1/32"(0.8) |
| PTP | C-462 | 1/32"(0.8) |
| PTS | C-494 | 1/64"(0.4) |
| PTBB | C-5143 | 3/32"(2.4) |
| PTCC | C-5141 | 1/8"(3.2) |

*Indicated temperature ranges are nominal and will vary according to style of tip, condition of iron, manner of use, and other variables. All dimensions are shown before tinning and are subject to manufacturing tolerances.



*Tip drawings are actual size.*

| Weller® | Plato® | ( ) = mm |
|---|---|---|
| LTGW<br>LTGW LF NEW! | MS-0100<br>MS-0100LF | .122" (3.1), .084" (2.1) |
| LTH | MS-3110 | .031" (0.8), .016" (0.4) |
| LTHX | MS-3101 | .024" (0.6), .016" (0.4) |
| LTK | MS-3150 | .050" (1.3), .020" (0.5) |
| LTL | MS-3250 | .079" (2.0), .039" (1.0) |
| LTM | MS-3450 | .125" (3.2), .047" (1.2) |

*Tip drawings are actual size.*

| Weller® | Plato® | ( ) = mm |
|---|---|---|
| LTS | MS-4130 | .018" (0.5) |
| LTO LF NEW! | MS-4200LF | 0.039" (0.9) |
| LTBB LF NEW! | MS-5300LF | 0.094" (2.4) |
| LTCC LF NEW! | MS-5400LF | 0.125" (3.2) |
| LTKN LF NEW! | MS-0201LF | 0.162" (4.0), 0.228" (5.7), 0.002" (0.05), 0.06" (1.5) |

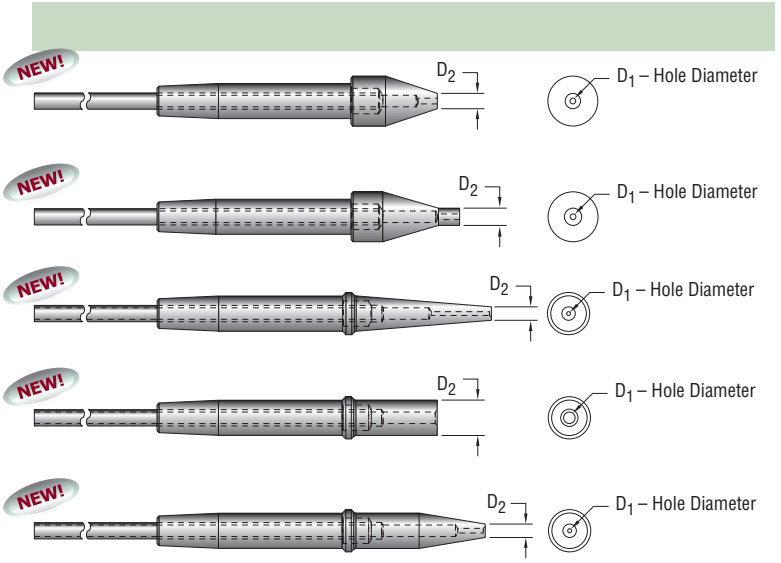
*Tip drawings not actual size*

| Weller® | Plato® | ( ) = mm |
|---|---|---|
| ETA | EW-303 | 1/16"(1.6) |
| ETB | EW-305 | 3/32"(2.4) |
| ETC | EW-307 | 1/8"(3.2) |
| ETD | EW-103 | 3/16"(4.8) |
| ETE | EW-105 | 7/32"(5.6) |
| ETGW | EW-0574 | .195"(5.0), .135"(3.4) SMD Flow Tip |
| ETH | EW-301 | 1/32"(0.8) |
| ETJ | EW-302 | 1/32"(0.8) |
| ETK | EW-304 | 3/64"(1.2) |
| ETL | EW-306 | 5/64"(2.0) |
| ETM | EW-308 | 1/8"(3.2) |

| Weller® | Plato® | ( ) = mm |
|---|---|---|
| ETO | EW-404 | 1/32"(0.8) |
| ETP | EW-403 | 1/32"(0.8) |
| ETR | EW-101 | 1/16"(1.6) |
| | EW-4796 | .012"(0.3) |
| ETS | EW-402 | 1/64"(0.4) |
| ETT | EW-401 | .025"(0.6) |
| ETV | EW-511 | 1/32"(0.8) |
| | EW-0602 | .020"(0.5) SMD .031" (0.8) |
| ETAA | EW-513 | 1/16"(1.6) |
| ETBB | EW-515 | 3/32"(2.4) |
| ETCC | EW-517 | 1/8"(3.2) |

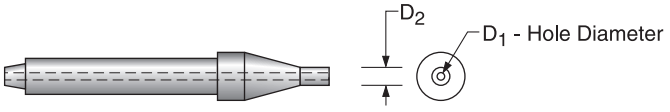


| Pace® | Plato® | ID (mm) | OD (mm) |
|---|---|---|---|
| 1121-0625 | 30-0301 | .03" (0.8) | .08" (2.0) |
| 1121-0624 | 30-0401 | .04" (1.0) | .09" (2.3) |
| 1121-0626 | 30-0601 | .06" (1.5) | .12" (3.1) |
| 1121-0627 | 30-0901 | .09" (2.3) | .20" (5.1) |
| 1121-0628 | 30-1003 | .03" (0.8) | .09" (2.3) |
| 1121-0629 | 30-1004 | .04" (1.0) | .10" (2.5) |
| 1121-0630 | 30-1006 | .06" (1.5) | .12" (3.1) |
| 1121-0681 | 30-1020 | .02" (0.5) | .07" (1.8) |
| 1121-0682 | 30-1030 | .03" (0.8) | .08" (2.0) |
| 1121-0683 | 30-1040 | .04" (1.0) | .09" (2.3) |
| 1121-0631 | 30-1060 | .06" (1.5) | .19" (4.8) |
| 1121-0680 | 30-1200 | .02" (0.5) | .07" (1.8) |
| 1121-0678 | 30-1300 | .03" (0.8) | .08" (2.0) |
| 1121-0679 | 30-1400 | .04" (1.0) | .09" (2.3) |
| 1121-0690 | 30-1600 | .06" (1.5) | .11" (2.8) |



## Desoldering Irons SX90, SX-80 and SX-70 with Glass Chamber 3/16" Diameter

PACE®

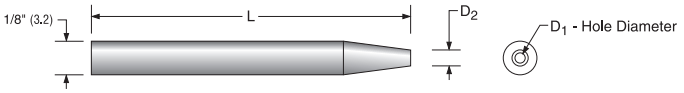



| Pace® | Plato® | D1 (mm) | D2 (mm) |
|---|---|---|---|
| 1121-0342 | 30-0400 | .040" (1.0) | .085" (2.2) |
| 1121-0463 | 30-040 | .040" (1.0) | .085" (2.2) |
| --- | 30-050 | .050" (1.3) | .095" (2.4) |

| Pace® | Plato® | D1 (mm) | D2 (mm) |
|---|---|---|---|
| 1121-0368 | 30-0600 | .060" (1.5) | .115" (2.9) |
| 1121-0464 | 30-060 | .060" (1.5) | .115" (2.9) |
| 1121-0507 | 30-0900 | .090" (2.3) | .190" (4.8) |

## Desoldering Irons • Pace® • Air-Vac® • A.P.E.

AIR-VAC® A.P.E.® PACE®




| Pace® | Plato® | L (mm) | D1 (mm) | D2 (mm) |
|---|---|---|---|---|
| Plato® Tips to fit Pace® SX-20, SX-25, SX-25V SODR-X-TRACTORS® | | | | |
| 1121-0480 | 20-0114 | 1.00" (25.4) | .030" (0.8) | .060" (1.5) |
| --- | 20-0815 | 1.00" (25.4) | .036" (0.9) | .065" (1.7) |
| 1121-0479 | 20-0110 | 1.00" (25.4) | .040" (1.0) | .080" (2.0) |
| 1121-0216 | 20-0113 | 1.00" (25.4) | .050" (1.3) | .090" (2.3) |
| 1121-0217 | 20-0111 | 1.00" (25.4) | .060" (1.5) | .100" (2.5) |

| Pace® | Plato® | L (mm) | D1 (mm) | D2 (mm) |
|---|---|---|---|---|
| Plato® Tips to fit Pace® SX-40A, SX-55A, SX-65A, SX-70 SODR-X-TRACTORS® with Plato Adapter 33-0001 | | | | |
| 1121-0485 | 20-025 | 1.75" (44.5) | .030" (0.8) | .080" (2.0) |
| 1121-0486 | 20-040 | 1.75" (44.5) | .040" (1.0) | .080" (2.0) |
| 1121-0255 | 20-060 | 1.75" (44.5) | .060" (1.5) | .100" (2.5) |

## Soldering Stations • SMT 60 • Digital 2000 with Micro Tool Twin 80 A with Micro Tool

ERSA®

*Tip drawings are actual size*

| Ersa® | Plato® ( ) = mm |
|---|---|
| 212BD | ER-4007 — 0.004" (0.1) |

| Ersa® | Plato® ( ) = mm |
|---|---|
| 212SD | ER-4001 — 0.06" (1.6) |

## Soldering Stations • 203 • 203H • 204 • 204H

QUICK

*Tip drawings are actual size*

| Quick | Plato® ( ) = mm |
|---|---|
| 200-1C | NEW! DN-1C — 1 mm |
| 200-2.4D | NEW! DN-2.4D — 2.4 mm — 0.028" (0.7) |
| 200-3C | NEW! DN-3C — 3.0 mm |

| Quick | Plato® ( ) = mm |
|---|---|
| 200-B | NEW! DN-B — 1 mm |
| 200-K | NEW! DN-K — 5 mm — 6.8 mm — 0.1 mm — 2 mm |
| 200-SK | NEW! DN-SK — 3 mm — 3.8 mm — 0.1 mm — 1.6 mm |

# TIP CROSS REFERENCE

| Ersa® | Plato® | Pg. |
|---|---|---|
| 212BD | ER-4007 | 11 |
| 212SD | ER-4001 | 11 |

| Hakko® | Plato® | Pg. |
|---|---|---|
| 900L-T-5C | HS-5876 | 8 |
| 900L-T-K | HS-0922 | 8 |
| 900L-T-S1 | HS-1666 | 8 |
| 900M-T-0.2RB | HS-4791 | 7 |
| 900M-T-0.8D | HS-2863 | 7 |
| 900M-T-1.2D | HS-2796 | 7 |
| 900M-T-1.2LD | HS-6030 | 7 |
| 900M-T-1.6D | HS-2751 | 7 |
| 900M-T-1.8H | HS-0926 | 7 |
| 900M-T-1C | HS-5701 | 7 |
| 900M-T-2.4D | HS-2752 | 7 |
| 900M-T-2C | HS-5702 | 7 |
| 900M-T-3.2D | HS-2753 | 7 |
| 900M-T-3C | HS-5703 | 7 |
| 900M-T-4C | HS-5875 | 7 |
| 900M-T-B | HS-4785 | 7 |
| 900M-T-H | HS-0925 | 7 |
| 900M-T-1 | HS-4787 | 7 |
| 900M-T-K | HS-0927 | 7 |
| 900M-T-LB | HS-4786 | 7 |
| 900M-T-S1 | HS-2796 | 7 |
| 900M-T-S3 | HS-1665 | 7 |
| 900M-T-S4 | HS-8175 | 7 |
| 900M-T-S5 | HS-8157 | 7 |
| A-1002 | HK-0878 | 8 |
| A-1003 | HK-0879 | 8 |
| A-1004 | HK-0880 | 8 |
| A-1005 | HK-0881 | 8 |
| A-1006 | HK-0882 | 8 |
| A-1007 | HK-0883 | 8 |
| SMD Flow Tip | HS-0530 | 8 |
| SMD Flow Tip | HS-0531 | 8 |

| Pace® | Plato® | Pg. |
|---|---|---|
| 1121-0216 | 20-0113 | 11 |
| 1121-0217 | 20-0111 | 11 |
| 1121-0255 | 20-060 | 11 |
| 1121-0342 | 30-0400 | 11 |
| 1121-0368 | 30-0600 | 11 |
| 1121-0463 | 30-040 | 11 |
| 1121-0464 | 30-060 | 11 |
| 1121-0479 | 20-0110 | 11 |
| 1121-0480 | 20-0114 | 11 |
| 1121-0485 | 20-025 | 11 |
| 1121-0486 | 20-040 | 11 |
| 1121-0507 | 30-0900 | 11 |
| 1121-0624 | 30-0401 | 10 |
| 1121-0625 | 30-0301 | 10 |
| 1121-0626 | 30-0601 | 10 |
| 1121-0627 | 30-0901 | 10 |
| 1121-0628 | 30-1003 | 10 |
| 1121-0629 | 30-1004 | 10 |
| 1121-0630 | 30-1006 | 10 |
| 1121-0631 | 30-1060 | 10 |
| 1121-0678 | 30-1300 | 10 |
| 1121-0679 | 30-1400 | 10 |
| 1121-0680 | 30-1200 | 10 |
| 1121-0681 | 30-1020 | 10 |
| 1121-0682 | 30-1030 | 10 |
| 1121-0683 | 30-1040 | 10 |
| 1121-0690 | 30-1600 | 10 |

| Quick | Plato® | Pg. |
|---|---|---|
| 200-1C | DN-1C | 11 |
| 200-2.4D | DN-2.4D | 11 |
| 200-3C | DN-3C | 11 |
| 200-B | DN-B | 11 |
| 200-K | DN-K | 11 |
| 200-SK | DN-SK | 11 |

| Weller® | Plato® | Pg. |
|---|---|---|
| ETA | EW-303 | 10 |
| ETAA | EW-513 | 10 |
| ETB | EW-305 | 10 |
| ETBB | EW-515 | 10 |
| ETC | EW-307 | 10 |
| ETCC | EW-517 | 10 |
| ETD | EW-103 | 10 |
| ETE | EW-105 | 10 |
| ETGW | EW-0574 | 10 |
| ETH | EW-301 | 10 |
| ETJ | EW-302 | 10 |
| ETK | EW-304 | 10 |
| ETL | EW-306 | 10 |
| ETM | EW-308 | 10 |
| ETO | EW-404 | 10 |
| ETP | EW-403 | 10 |
| ETR | EW-101 | 10 |
| ETS | EW-402 | 10 |
| ETT | EW-401 | 10 |
| ETV | EW-511 | 10 |
| LT1 | MS-4120 | 8 |
| LT1L | MS-4110 | 8 |
| LT1LX | MS-4101 | 8 |
| LT1S | MS-4100 | 8 |
| LT4W | MS-5160 | 8 |
| LT4X | MS-3125 | 8 |
| LTA | MS-3200 | 8 |
| LTA LF | MS-3200LF | 8 |
| LTB | MS-3300 | 8 |
| LTB LF | MS-3300LF | 8 |
| LTBB LF | MS-5300LF | 8 |
| LTC | MS-3400 | 8 |
| LTC LF | MS-3400LF | 8 |
| LTCC LF | MS-5400LF | 8 |
| LTD | MS-3600 | 8 |
| LTD LF | MS-3600LF | 8 |
| LTGW | MS-0100 | 9 |
| LTGW LF | MS-0100LF | 9 |
| LTH | MS-3110 | 9 |
| LTHX | MS-3101 | 9 |
| LTK | MS-3150 | 9 |
| LTKN LF | MS-0201LF | 9 |
| LTL | MS-3250 | 9 |
| LTM | MS-3450 | 9 |
| LTO LF | MS-4200LF | 9 |
| LTS | MS-4130 | 9 |
| LTBB LF | MS-5300LF | 9 |
| LTCC LF | MS-5400LF | 9 |
| LTKN LF | MS-0201LF | 9 |
| PTA* | C-3039 | 9 |
| PTB* | C-3040 | 9 |
| PTBB* | C-5143 | 9 |
| PTC* | C-3036 | 9 |
| PTCC* | C-5141 | 9 |
| PTD* | C-1016 | 9 |
| PTF* | C-593 | 9 |
| PTH* | C-3100 | 9 |
| PTK* | C-3043 | 9 |
| PTL* | C-3044 | 9 |
| PTM* | C-3102 | 9 |
| PTO* | C-4223 | 9 |
| PTP* | C-462 | 9 |
| PTS* | C-494 | 9 |

*A temperature designating number is used by both Plato and Weller, e.g. Weller PTA7 is equivalent to Plato C-3039-7

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