



High Technology Tools for Electronic Assembly

[Product
index](#)

[New
Products](#)

[Catalog
Request](#)

[Sipel
Distributors](#)

[Site
Map](#)



QUICK CHANGE TWEEZERS - TECHNICAL INFORMATION

Pages 1 [2](#) [3](#) [4](#) [5](#)

QUICK CHANGE TWEZERS' HANDLES are available in the following Materials
See on [pages](#) and [pages](#) for Handles' Part Numbers and Sizes

Suffix	Handle Materials	Example
...-SA	Stainless Anti-Acid /Anti-Magnetic Steel	1302-SA
...-AL	Aluminum - Supra Light Soft Material, Totally Antimagnetic	1302-AL
...-BR	Brass - Soft Material, Totally Anti-Magnetic	1302-BR

Options upon request	Example	
Prefix R ...	Reverse Action Tweezers Available on 1300-SA / 1400-SA, T5500 / T5600 Series CW1300-SA / CB1300-SA, CW1300C-SA / CB1300C-SA series	R1302-SA
Prefix ... C	Short Handle 85 mm - 3 1/4" Total Length including Tips 110 mm - 4 1/3" Available for all Tips: ESD, STD, White DELRIN and Ceramic	1304C-SA
Suffix ... D	Inside Serrated Tip; available on all series.	1302D-SA
Suffix ...- EZ	Patented EZ Lever. Available on the following series: 1300-SA / -AL / -BR / -BSA / -BAL / -BBR series 1400-SA / -AL / -BR / -BSA / -BAL / -BBR series 1800-SA / -AL / -BR / -BSA / -BAL / -BBR series 1900-SA / -AL / -BR / -BSA / -BAL / -BBR series CW / CB1300-SA / -AL / -BR / -BSA / -BAL / -BBR series CW / CB1800-SA / -AL / -BR / -BSA / -BAL / -BBR series 1390W-SA / 1490W-SA, T5500 / T5600 series and MD5500 / MD5600 always come with Patented EZ Lever - No suffix needed	1302-SA-EZ
Suffix ...- AP	Adjustable screw pressure. Available on Reverse Action Tweezers.	R1304-SA-AP



SPARE PARTS AVAILABLE

SC-0

Set of 2 Replacements Screws



SIPEL-0

Screwdriver for above Screws



EZ-1-ESD



Patented EZ lever for T5500 / T5600 series

EZ-2-ESD



Patented EZ lever for 1300 / 1400, 1600 / 1700, 1800 / 1900 serie

Pages 1 [2](#) [3](#) [4](#) [5](#)

[Text Home](#) | [Products](#) | [Catalog](#) | [Contact Us](#) | [Inside SIPEL](#) | [Sitemap](#) | [Search](#)

Copyright © 1999 - 2004 SIPEL ELECTRONIC SA. All rights reserved.
The content of this site is subject to change without notice.



High Technology Tools for Electronic Assembly

[Product
Index](#)

[New
Products](#)

[Catalog
Request](#)

[Sipel
Distributors](#)

[Site
Map](#)



QUICK CHANGE TWEEZERS - TECHNICAL INFORMATION

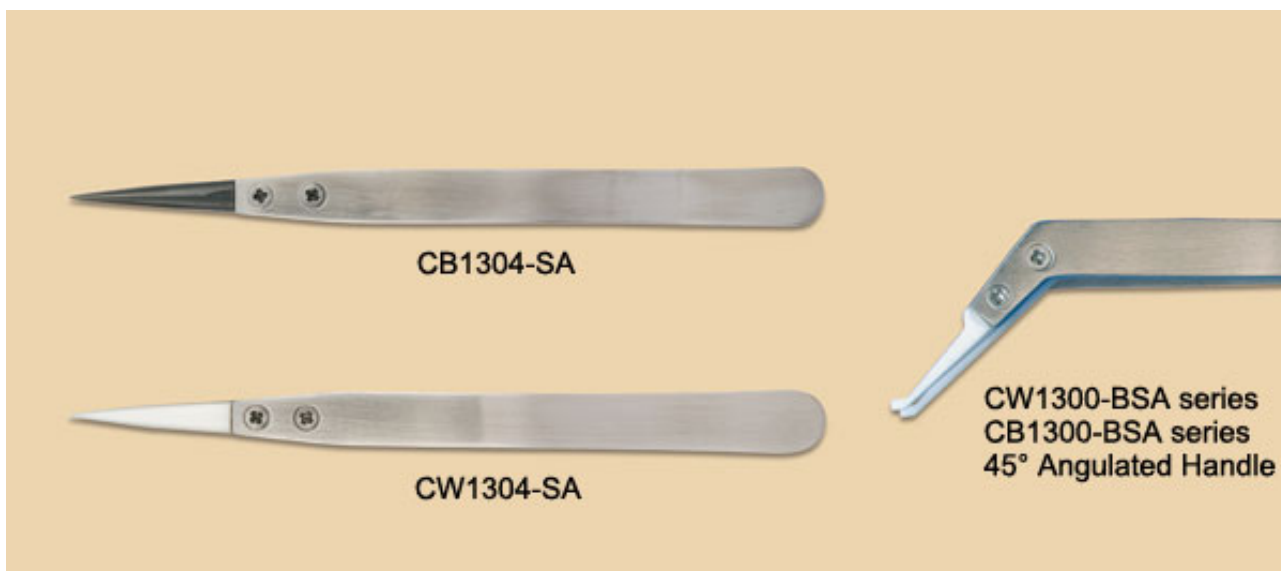
Pages [1](#) [2](#) [3](#) [4](#) [5](#)

Hundreds of Models Available

- **CW-...** White Ceramic Anti-Static
- **CB-...** Black Ceramic ESD Safe

This series of Sipel's Hi-Tech Tweezers have solid CERAMIC tips that make them ideal for use in the semiconductor Industry. They are resistant to chemicals, highly resistant to static charging, offer unequalled wear and heat resistance. Sipel CERAMIC tweezers are ideal for high precision work when high chemical resistance or complete freedom from any magnetism is required. Ideal for clean room work as nothing will leach out and contaminate the work area. Sipel Quick Change Tips beside coming in more styles and shapes than any other tweezer manufacture come in both White Ceramic Antistatic, code **CW**, and Black Ceramic Static Dissipative, code **CB**.

- Antistatic and Static Dissipative
- Precision "Soft Touch" Tips
- Silicone / Chloride Free
- Multi-Handle Configuration available
- High Wear Temperature Resistance up to 1500° C / 2732° F
- Chemical and Solder Resistant



Available on the following series:

- Stainless Antiacid Antimagnetic Handle: add suffix **-SA**
 - Stainless Antiacid Antimagnetic Short Handle: add suffix **-C-SA**
 - Aluminum Handle: add suffix **-AL**
 - Brass Handle: add suffix **-BR**
 - Bent Handle - Stainless AntiAcid AntiMagnetic: add suffix **-BSA**
 - Bent Handle - Aluminum: add suffix **-BAL**
 - Bent Handle - Brass: add suffix **-BBR**
- CW / CB1300 series **-SA -AL -BR**
 - CW / CB1300C series **-SA**
 - CW / CB1300-B series **-BSA -BAL -BBR**
 - CW / CB1600 series **-SA -AL -BR**
 - CW / CB1600-B series **-BSA -BAL -BBR**
 - CW / CB1800 series **-SA -AL -BR**
 - CW / CB1800-B series **-BSA -BAL -BBR**
 - RCW / RCB1300 series **-SA**
 - RCW /RCB1300C series **-SA**

All tips shown above fit on Straight Handles and 45° Bent Handles.

Pages [1](#) [2](#) [3](#) [4](#) [5](#)

[Text Home](#) | [Products](#) | [Catalog](#) | [Contact Us](#) | [Inside SIPEL](#) | [Sitemap](#) | [Search](#)

Copyright © 1999 - 2004 SIPEL ELECTRONIC SA. All rights reserved.

The content of this site is subject to change without notice.



High Technology Tools for Electronic Assembly

[Product
Index](#)

[New
Products](#)

[Catalog
Request](#)

[Sipel
Distributors](#)

[Site
Map](#)



Pages [1](#) [2](#) [3](#) [4](#) [5](#)

QUICK CHANGE TWEEZERS - TECHNICAL INFORMATION

QUICK CHANGE Replaceable Tips' MATERIALS

GENERAL CHARACTERISTICS

BLACK Tips

Industrial Molded Fiber
ESD SAFE
Anti-magnetic
No contamination
Heat resistance: 240° C / 464° F

For 1300 series
For 1300C series
For R1300 series
For 1600 series
For 1800 series
For 300 series, with Riveted Tip
For T5500 series
For MD5500 series



WHITE Tips

Industrial Molded DELRIN 500
Antistatic
Antimagnetic
No contamination
Waterproof
Heat resistance: 240° C / 464° F

For 1400 series
For 1400C series
For R1400 series
For 1700 series
For 1900 series
For 400 series, with Riveted Tip
For T5600 series
For MD5600 series



GREY Tips

Industrial Molded Fiber
STD / Static Dissipative
Antimagnetic
No contamination
Heat resistance: 240° C / 464° F

For 1300 series
For 1300C series
For R1300 series
For 1600 series
For 1800 series
For 300 series, with Riveted Tip
For T5500 series
For MD5500 series



RED Tips

Industrial Soft Fiber
Antistatic
Antimagnetic
No contamination

For 300-SA, 300F-SA, 300AF-SA, with
Riveted Tip



CERAMIC Tips

White Antistatic: CW

Black ESD Safe: CB

Zyrcon

Inert to virtually all chemical agents
even under exposed to high
temperatures

Antistatic

No contamination

Waterproof

Heat resistance: 1500° C / 2700° C

For CW / CB1300 series

For CW / CB1300C series

For CW / RCB1300 series

For CW / CB1600 series

For CW / CB1800 series



Look for Best Sellers Replaceable Tips on [pages](#). Other Models Available Upon Request

CUSTOMIZED TIPS ARE AVAILABLE UPON REQUEST

ASK FOR SPECIFIC DATA SHEET FOR ADDITIONAL TECHNICAL INFORMATION ON MATERIALS

Pages [1](#) [2](#) [3](#) [4](#) [5](#)

[Text Home](#) | [Products](#) | [Catalog](#) | [Contact Us](#) | [Inside SIPEL](#) | [Sitemap](#) | [Search](#)

Copyright © 1999 - 2004 SIPEL ELECTRONIC SA. All rights reserved.

The content of this site is subject to change without notice.



High Technology Tools for Electronic Assembly

[Product
Index](#)

[New
Products](#)

[Catalog
Request](#)

[Sipel
Distributors](#)

[Site
Map](#)



Pages [1](#) [2](#) [3](#) [4](#) [5](#)

TECHNICAL INFORMATION

QUICK CHANGE TWEEZERS' HANDLES

Stainless Antiacid Antimagnetic, suffix -SA

Aluminum, suffix -AL

Brass, suffix -BR

1300C-SA

For 1300C / 1300C-STD / 1400C series, see pages
For CW1300C / CB1300C series, see pages

- Available with Patented EZ Lever, add suffix **-EZ**



85 mm - 3 1/4"

1300-SA / 1300C-AL / 1300C-BR

For 1300C / 1300C-STD / 1400C series, see pages
For CW1300C / CB1300C series, see pages

- Available with Patented EZ Lever, add suffix **-EZ**

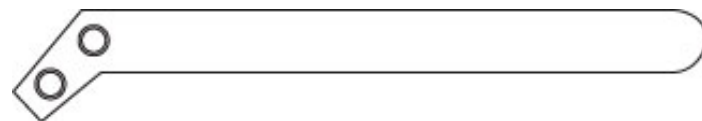


95 mm - 3 3/4"

1300-BSA / 1300-BAL / 1300-BBR

For 1300C / 1300C-STD / 1400C series, see pages
For CW1300C / CB1300C series, see pages

- Available with Patented EZ Lever, add suffix **-EZ**



90 mm - 3 1/2"

1300-SA-EZ

For 1300C / 1300C-STD / 1400C series, see pages
For CW1300C / CB1300C series, see pages

- Available with Patented EZ Lever, add suffix **-EZ**



95 mm - 3 3/4"

1600-SA / 1600-AL / 1600-BR

For 1300C / 1300C-STD / 1400C series, see pages
For CW1300C / CB1300C series, see pages

- Available with Patented EZ Lever, add suffix **-EZ**



95 mm - 3 3/4"

1600-BSA / 1600-BAL / 1600-BBR

For 1600 / 1600-STD / 1700 series, see pages
For CW1600-B / CB1600-B series, see pages



90 mm - 3 1/2"

1800-SA / 1800-AL / 1800-BR

For 1800 / 1800-STD / 1900 series, see pages
For CW1800 / CB1800 series, see pages

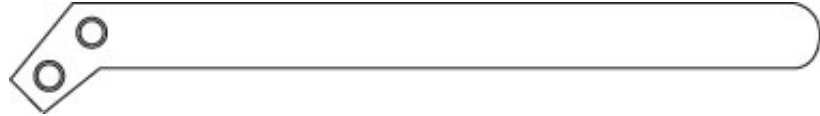
- Available with Patented EZ Lever, add suffix **-EZ**



110 mm - 4 1/3"

1800-BSA / 1800-BAL / 1800-BBR

For 1800 / 1800-STD / 1900 series, see pages
For CW1800 / CB1800-B series, see pages



105 mm - 4 1/6"

EACH HANDLE ABOVE COMES WITH 4 CORRESPONDING SCREWS (2 PAIRS)

Pages [1](#) [2](#) [3](#) [4](#) [5](#)

[Text Home](#) | [Products](#) | [Catalog](#) | [Contact Us](#) | [Inside SIPEL](#) | [Sitemap](#) | [Search](#)

Copyright © 1999 - 2004 SIPEL ELECTRONIC SA. All rights reserved.
The content of this site is subject to change without notice.



High Technology Tools for Electronic Assembly

[Product
Index](#)

[New
Products](#)

[Catalog
Request](#)

[Sipel
Distributors](#)

[Site
Map](#)



Pages [1](#) [2](#) [3](#) [4](#) [5](#)

TECHNICAL INFORMATION

QUICK CHANGE TWEEZERS' HANDLES

Stainless Antiacid Antimagnetic, suffix -SA

Aluminum, suffix -AL

Brass, suffix -BR

T5000-SA with Patented EZ Lever

For T5508-SA / T5508-SA-STD / T5608-SA / T5531-SA /
T5531-SA-STD / T5631-SA, T5508W-SA / T5508W-SA-
STD / T5608W-SA, [see pages](#)



120 mm - 4 3/4"

- Available in Reverse Action, add prefix **-EZ**

T5000-SA with Patented EZ Lever, Serrated Handle

For T5509W-SA / T5509W-SA-STD / T5609W-SA,
T5510W-SA / T5510W-SA-STD / T5610W-SA, [see pages](#)



120 mm - 4 3/4"

- Available in Reverse Action, add prefix **R**

R1300-SA

For R1300 / R1300-STD / R1400 series, [see pages](#)
For RCW1300 / RCB1300 series



95 mm - 3 1/4"

- Available with Adjustable Screw Pressure, add suffix **-AP**

R1300C-SA

For R1300C / R1300C-STD / R1400C series, see pages
For RCW1300C / RCB1300C series, see pages



85 mm - 3 1/4"

- Available with Patented EZ Lever, add suffix **-EZ**

EACH HANDLE ABOVE COMES WITH 4 CORRESPONDING SCREWS (2 PAIRS)

FOR ADJUSTABLE SCREW PRESSURE ON REVERSE ACTION HANDLE, ADD SUFFIX **-AP** example RT5000-SA-
AP

Pages [1](#) [2](#) [3](#) [4](#) [5](#)

[Text Home](#) | [Products](#) | [Catalog](#) | [Contact Us](#) | [Inside SIPEL](#) | [Sitemap](#) | [Search](#)

Copyright © 1999 - 2004 SIPEL ELECTRONIC SA. All rights reserved.

The content of this site is subject to change without notice.