TS-BC2

Sequre replacement soldering tip
for SI012, SI012 Pro, SI012 Pro Max, SQ-D60 irons



Read this manual and the manual of your soldering iron before use and keep them for future reference.

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1. Product description

1.1 Purpose

Sequre TS-BC2 is a replacement tip for the Sequre **SI012, SI012 Pro, SI012 Pro Max and SQ-D60** mini soldering irons. The tip and the heater form a single unit: inside the tip there is a ceramic heating core with internal heating, so the tip heats up quickly. The manufacturer specifies it as a lead-free design.

The working end of the tip is bevelled (see the drawing in Chapter 1.2). The manufacturer recommends the tip for soldering on circuit boards. The tip is fitted into the soldering iron in place of a worn tip, or as an additional tip shape for a different kind of work.

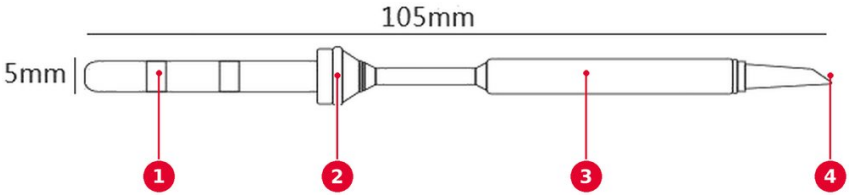


Sequre SQ-D60 soldering iron with a TS-series tip fitted (manufacturer's illustrative photo; the soldering iron is not included).

1.2 Technical data and package contents

Product designation	Sequre TS-BC2 (manufacturer code TT0010BC2)
Type	replacement soldering tip with integrated heater (ceramic heating core, internal heating)
Shape of working end	bevelled
Material	stainless steel, copper
Length	approx. 105 mm (manufacturer states 103–109 mm)
Diameter of connection end	5 mm (according to the manufacturer's drawing, approximate)
Colour	silver
Compatible soldering irons	Sequre SI012, SI012 Pro, SI012 Pro Max, SQ-D60
Package contents	1× TS-BC2 replacement tip

Not included in the package: soldering iron, power supply, hex key, solder, flux or cleaning sponge.



Tip description (manufacturer's drawing, dimensions are approximate).

① double contact – inserted into the soldering iron

② mounting section with flange

③ heater (ceramic heating core)

④ working tip (bevelled)

2. Use

2.1 Safety instructions

- The tip reaches a very high temperature during soldering and stays hot for a long time after switching off. **Do not touch the metal parts of the tip or the iron** until they have cooled down.
- Replace the tip **only with the power disconnected and after it has cooled down completely**.
- Do not switch on the soldering iron without a tip fitted.
- Do not work near flammable materials. Put the hot iron down only in its stand.
- Soldering produces flux fumes. Work in a well-ventilated area, or use fume extraction or a small fan.
- Do not knock the tip on the table to remove solder residue – this damages both the tip and the iron.
- Do not use a bent, cracked or otherwise damaged tip.
- After finishing work, switch the iron off and disconnect it from the power supply. Store the iron and tips out of the reach of children.

2.2 Replacing the tip

The way the tip is secured differs between soldering irons. Always follow the manual of your iron – the manufacturer's manuals are available at sequremall.com/pages/instruction-manual. **On the SI012 iron the procedure differs depending on the tip type and may involve adjusting contacts inside the iron – follow the SI012 manual.** General procedure:

① Disconnect the iron from the power supply and let the old tip cool down completely.

② Loosen the screw that holds the tip in the iron (on Sequre irons this is a hex screw; the hex key is supplied with the soldering iron) and pull out the old tip.

③ Insert the new tip, contacts ① first, into the iron as far as it will go.

④ Secure the tip with the screw and refit all parts you removed during the replacement (e.g. the silicone sleeve or the rear cover of the iron).

⑤ Connect the power supply and check that the iron recognises the tip and starts heating.

2.3 Soldering and tip care

- Set the lowest temperature at which the joint can still be soldered reliably. Too high a temperature shortens the life of the tip.
- Do not leave the hot tip idle for a long time. When you are not using the iron, switch it off or let it enter sleep mode.

- After each use, wipe the tip and **coat it with a fresh layer of solder** – this protects it from oxidation.
- Clean the tip regularly with a cleaning sponge or a damp cloth.
- Remove black oxide from the tinned part by repeatedly tinning and wiping the tip on the sponge. **Never file the oxide off.**
- During long continuous use, remove the tip once a week and clean off slag residue.
- Use low-activity flux – highly active flux accelerates corrosion of the tip coating.
- Do not press the tip with great force; this does not transfer heat faster. Do not bend the tip or use it for prying or as a test probe.
- Replace a deformed or heavily corroded tip with a new one.

2.4 Troubleshooting

Problem	Cause and solution
The iron reports a tip error (e.g. “S-E” on SQ-D60, “C-T” / “Check Tip” on SI012)	The tip is not fitted correctly. Disconnect the power, remove the tip, insert it again as far as it will go and secure it with the screw. If the error persists with another tip as well, the iron is probably faulty.
Solder does not stick to the tip, the tip is black	The working surface is oxidised – proceed as described in Chapter 2.3.
The tip heats slowly, solder flows poorly	The tip is dirty or oxidised, or the supply voltage of the iron is too low (see the manual of the iron).
The working surface is deformed or burnt	The tip is worn – replace it with a new one.

❖ The legal information in Chapters 3 and 4 describes the situation in the Czech Republic. If you use the product in another country, follow the regulations of the country in which you operate it.

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

3.2 Disposal



- The crossed-out wheeled bin symbol on the product, its packaging or in the documentation means that at the end of its service life the product **must not be disposed of together with mixed municipal waste**.
- Hand it over at a take-back point for electrical equipment – at a collection yard, at a take-back point of a collective system, or at the retailer when purchasing a new equivalent product. Take-back is free of charge for the end user.
- The obligations under Act No. 542/2020 Coll., on end-of-life products, are fulfilled by the importer through a collective take-back system.
- Proper disposal helps prevent negative impacts on the environment and human health and contributes to the reuse of secondary raw materials.

Through its contractual partner **ASEKOL a.s.**, the company ensures the take-back of waste electrical equipment from households and the separate collection of waste electrical equipment, batteries and accumulators in accordance with the applicable legislation. The customer is entitled to hand over old electrical equipment or a battery or accumulator at any collection point of the above contractual partner. The addresses of these take-back points are listed at www.asekol.cz, www.ecobat.cz and also https://visoh2.mzp.cz/RegistrMistZO/RegistrMistZOPublic/MapaMistZpetOdberu.

4. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 3.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.