Sequre TS-C4

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



The tip becomes extremely hot during operation. Before replacing the tip, disconnect the soldering iron from the power supply and let the tip cool down.

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1. Product description

1.1 Intended use

The Sequre TS-C4 is a replacement soldering tip with an obliquely cut (bevel) working end for the Sequre **SI012, SI012 Pro, SI012 Pro Max** and **SQ-D60** mini soldering irons. The tip and the ceramic heating core form a single unit with internal heating – when you replace the tip, you also replace the heating element of the soldering iron.

The bevel tip has a wide surface that transfers heat well. It is suitable for soldering larger pads, connectors and wires, for tinning and for work where more heat has to be delivered to the joint quickly – for example when soldering power leads and connectors on FPV drones. You can replace the tip yourself within a few minutes using the hex key supplied with the soldering iron.

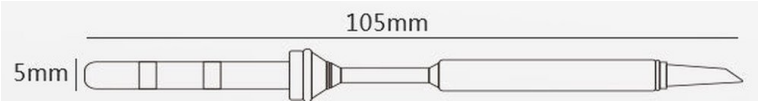


Sequre TS-C4 soldering tip

1.2 Technical data and package contents

Product designation	Sequre TS-C4 (manufacturer code TT00100C4)
Tip type	TS, shape C4 – bevel tip
Compatible soldering irons	Sequre SI012, SI012 Pro, SI012 Pro Max, SQ-D60
Design	tip with integrated ceramic heating core (internal heating)
Material	stainless steel, copper
Length	approx. 105 mm (indicative manufacturer data)
Shank diameter	approx. 5 mm (indicative manufacturer data)
Package contents	1× TS-C4 replacement soldering tip

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



Basic dimensions of a TS series tip (indicative manufacturer data)

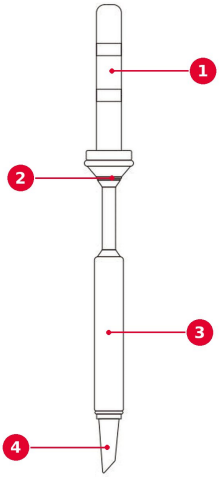
1.3 Description of parts

① Contact section – double contact for the electrical connection of the tip to the soldering iron; this section is inserted into the soldering iron.

② Flange and connecting section of the tip.

③ Heating core – ceramic heating element inside the tip.

④ Working tip – the TS-C4 bevel end that touches the soldered joint.



Parts of the tip (illustrative manufacturer drawing)

2. Use

2.1 Safety instructions

The working tip becomes extremely hot during operation and remains hot for a long time after the soldering iron is switched off. Risk of burns and fire.

- Do not touch the metal parts of the tip while the soldering iron is switched on or until the tip has cooled down.
- Replace the tip **only with the power disconnected and the tip cooled down**.
- **Never switch on the soldering iron without a tip fitted** – this may damage the soldering iron.
- Do not work near flammable materials. Put a hot soldering 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 use the tip if it is bent, cracked or mechanically damaged.
- After finishing work, switch off the soldering iron and store it, together with the tips, out of the reach of children.

2.2 Replacing the tip

The tip is secured in the soldering iron with a hexagon socket screw. The exact position of the screw and any additional parts (e.g. the silicone sleeve on the SQ-D60B) are described in the manual of your soldering iron.

① Switch off the soldering iron, disconnect it from the power supply and let the tip cool down completely.

② Have the soldering iron, the new tip and the hex key supplied with the soldering iron ready.

③ Loosen the locking screw with the hex key and pull out the old tip.

④ Insert the contact section of the new TS-C4 tip into the mounting hole of the soldering iron as far as it will go.

⑤ Secure the tip with the screw and tighten it with the hex key. Do not overtighten the screw.

⑥ If your soldering iron has a silicone sleeve (e.g. SQ-D60B), slide it back on. Only then connect the soldering iron to the power supply.

If the soldering iron reports a tip error after switching on (e.g. **S-E** on the SQ-D60B, **C-T** or **Check Tip** on the SI012 Pro), disconnect the power, let the tip cool down, check that it is fully inserted and correctly secured, and switch the soldering iron on again. If the error persists, replace the tip.

2.3 Soldering

- Before first use, heat up the tip and tin its working surface.
- Set the lowest temperature that is sufficient for the job. An excessively high temperature shortens the service life of the tip and may damage heat-sensitive components.
- Place the bevel surface so that it touches the pad and the lead at the same time, and only then add solder.
- Do not press hard on the tip – higher pressure does not heat the joint faster, it only damages the surface of the tip.
- Do not use the tip as a lever, scraper or test probe.

3. Tip care

3.1 Cleaning

- During work, regularly wipe the tip on a damp cleaning sponge or a damp cloth.
- If there is black oxide on the tinned part of the tip, heat up the tip, apply fresh solder and wipe it on the sponge. Repeat until the oxide is gone, then tin the tip again.
- **Never remove the oxide with a file or sandpaper** – this will damage the protective layer of the tip.

3.2 How to extend the service life of the tip

- After each use, clean the tip and apply a fresh layer of solder. This protects it against oxidation.
- Do not leave the tip at a high temperature for a long time when you are not soldering. Use the sleep function of the soldering iron or switch it off.
- Use less aggressive fluxes. Fluxes with a high content of activators accelerate corrosion of the tip surface.
- Do not knock the soldering iron and the tip on the table to remove solder residues. This damages both the tip and the soldering iron.

3.3 When to replace the tip

The soldering tip is a consumable part. Replace it if the working surface is deformed or heavily corroded, if solder no longer adheres to it even after cleaning, or if the soldering iron repeatedly reports a tip error. We recommend using original Sequre tips.

4. Information for the EU and Czech Market

The regulations of the country in which the product is used apply to the use of the product, occupational safety and waste handling. The information in this chapter describes the situation in the Czech Republic.

4.1 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

4.2 Disposal of electrical equipment



- 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.

5. 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 4.1.
- 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.