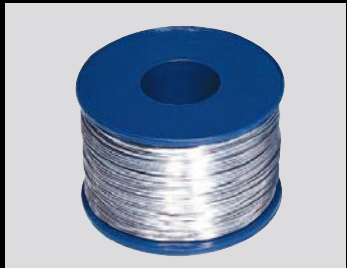




D9

Tin welding and accessories





To complete the dismantling, insulation, sleeving, wire and cable fixing programmes, SES-STERLING proposes a high-grade product in collaboration with a competent manual welding tool manufacturer.

Page

- D9/1 **Soldering irons 230 Volts** for the electric and electronic industry, for small welding and connecting work.

FAVORIT
COMPETITION

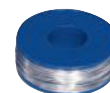


- D9/2 **Soldering stations**

PICO COLT
LÆTRONIC



- D9/4 **Soldering wire**



Soldering iron SES FAVORIT 230 Volts general use





SES-LOETRING

For small soldering jobs in electrical and electronic industry.

• Soldering iron FAVORIT



type	article number	fitted with tips		
FAVORIT 15				
L2017D.00.01	0504 0330 000	L0322D.00.05 pointed Ø 1 mm	400°C	1
FAVORIT 30				
L2033.00.02	0504 0336 000	L0333D.00.05 screwdriver 3 mm	410°C	1
FAVORIT 100				
L2101D.00.02	0504 0441 000	L0411D.005 bevelled Ø 5 mm	520°C	1



L0322D.00.05










L0333D.00.05



L0411D.005

• Spare tips for FAVORIT



type	article number	designation		for soldering irons FAVORIT		
				15 W	30 W	100 W
L0322D.00.05	0504 0468 000	pointed Ø 1 mm		1	x	
L0323D.00.05	0504 0469 000	screwdriver 2,5 mm		1	x	
L0312D.00.07	0504 0341 000	pointed Ø 1,5 mm		1		x
L0333D.00.05	0504 0415 000	screwdriver 3 mm		1		x
L0411D.005	0504 0420 000	bevelled Ø 5 mm		1		x
L0486.00.05	0504 0437 000	smooth spatula 37 x 19 mm		1		x

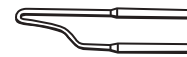
• PICO COLT 75 Watt

- For repair jobs.
- For the electrical and electronics industry.
- Integrated transformer with double insulation.

- Primary current: **230 Volts**
- Power: **75 Watt**
- Tip: **brass Ø 3,2 mm flat**



type	artide number	fitted with tip		
PICO COLT 75				
L6100.00.01	0504 0387 000	L06136.00.05 flat	400°C	1
Spare tip - Ø 3,2 mm				
L6136.00.05	0504 0499 000	brass - flat		1





L 6136.00.05

• Soldering station LÆTRONIC

- **Professional and precise tool.**
- Constant **temperature** of the tip thanks to the transformer with electronic control.

- Primary current: **220 to 240 Volts**
- Secondary current: **24 Volts**
- Power: **30 Watt**
- Temperatures: **100 to 480°C**
- Tip diameter: **5 / 7 mm int. / ext.**
- Length: **60 mm**








type	artide number	fitted with tip		
LÆTRONIC 30				
L6002.00.08	0504 0474 000	L0322D.00.05 pen shaped	480°C	1



L0322D.00.05

• Accessories and spare tips for soldering station LÆTRONIC

type	artide number	designation		
L6002.30.02	0504 0475 000	bare spare soldering iron without tip		1
L0321D.00.05	0504 0467 000	bevelled		1
L0322D.00.05	0504 0468 000	pen shaped		1
L0323D.00.05	0504 0469 000	flat		1





• **Tin crucible 100 Watt - 230 Volts**

Small sized crucible for tinning of wire ends and connections.

- Pre-heating power: **100 Watt**
- Current: **230 Volts**
- Max. temperature: **approx. 420°C**
- Crucible volume: **30 cm³**



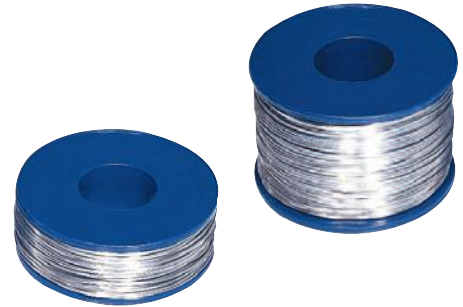
type	article number			
L7710.00.02	0504 0493 000	crucible		1
L7712.00.07	0504 0494 000	spare crucible	420°C	1




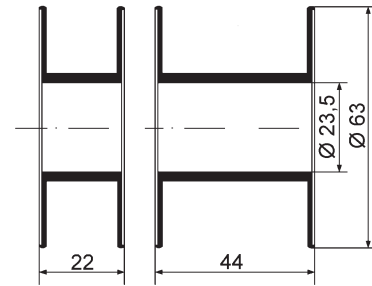
SES soldering wire is an alloy of 60% tin from prime molten material. The soldering wire comprises 4 internal cores containing the soldering flux. Soldering residues do not need to be removed as they offer additional protection against humidity by insulating resin deposits.

Nevertheless, should removal of residue be necessary for aesthetic or other reasons, it can be very easily removed with a methyl alcohol impregnated swab.

4 cores are the best guarantee for good continuity in soldering flux diffusion.




type	article number			
"Standard" reels 22 x 63 mm Ø				
L 0912.02	0617 0002 000	Ø 1 mm - 250 g		1
"Max" reels 44 x 63 mm Ø				
L 0912.01	0617 0003 000	Ø 1 mm - 500 g		1



Soldering wire in tin and copper



This wire is lead free, it gets an excellent absorptivity on copper, galvanized copper, brass and nickel. Taking into account the nature of metals used, it is necessary to increase the temperatures of work, for example for a use with a soldering iron, we recommend a temperature of 370°C.

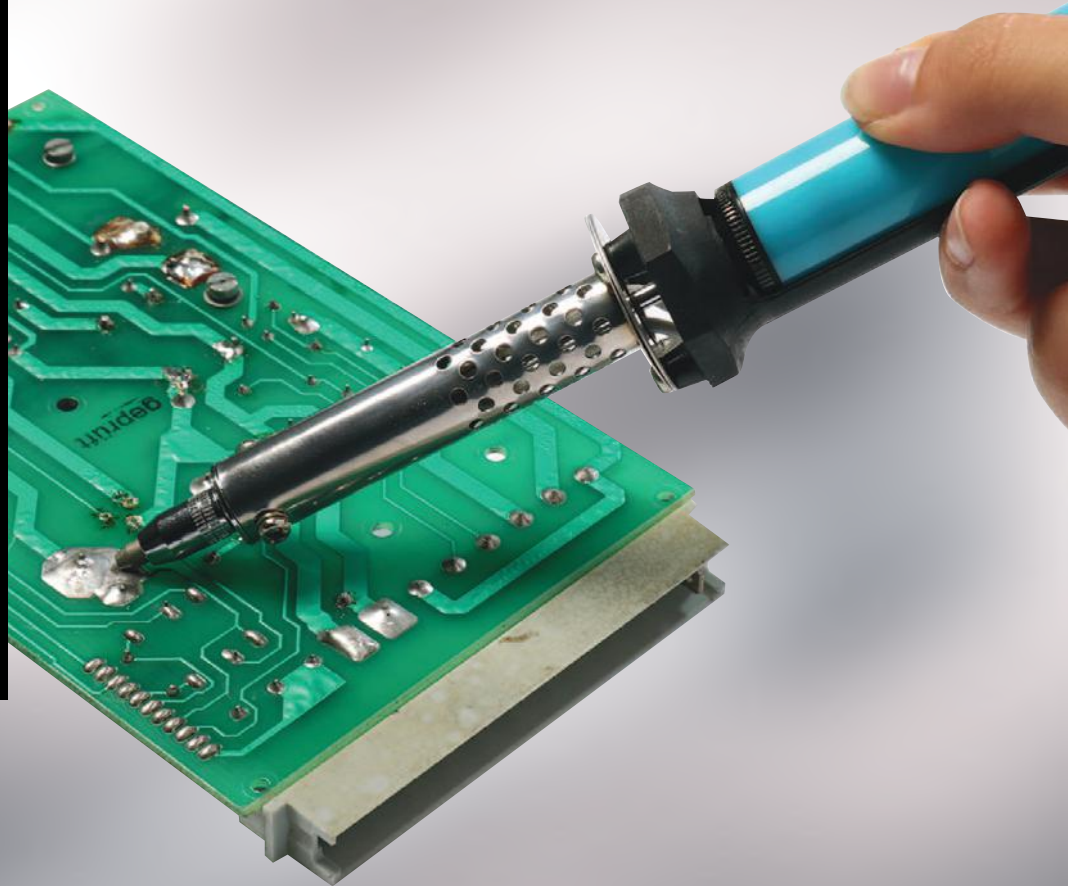
type	article number			
"Standard" reels 38 x Ø 48 mm				
A11.01	0617 0005 000	Ø 1 mm - 250 g		1
"Maxi" reels 38 x Ø 63 mm				
A11.02	0617 0006 000	Ø 1 mm - 500 g		1





D10

Desoldering equipment





Where soldering has been carried out, effective desoldering tools are needed. Desoldering is not only necessary to maintain but it also is an efficient repair. Our special field includes a whole range of simple and pneumatically controlled desoldering tools and desoldering braid:

D10/1 Desoldering tools

- Pocket-sized tools for trade use
- Desoldering tool for DIY use
- Desoldering tool with integrated electrical heating

D10/2 Desoldering braid in dispensers and large reels

The desoldering braiding is manufactured in the EEC at the SES-STERLING factories. SES-STERLING was one of the first manufacturers in this product area and therefore has several decades experience in this technology, demonstrated by the marketing of high grade products.

• **Desoldering tools**

Instructions for use:

- allow the solder to melt at the connection with a soldering iron.
- activate the desoldering tool by pressing the piston home.
- put the point on the liquified solder.
- press on the side button of the tool to release the piston.
- the solder is then sucked up inside the tool.
- repeat the operation until removing of the solder is complete.



type	artide number	weight g	Ø mm	length mm	
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Ordinary desoldering tools

1101	0592 0005 000	40	18	160	1
1000	0592 0006 000	70	20	195	1



PTFE spare terminals for 1000 & 1101

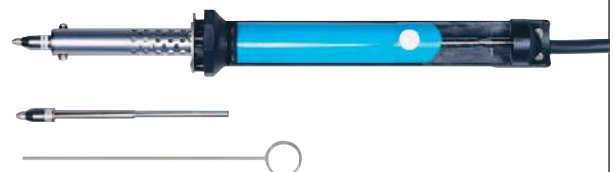
E-1101	0592 0013 000	-	-	-	1
1000 antistatic terminal					
1000-AS	0592 0014 000	-	-	-	1

• **SES desoldering tool with integrated heating**

This desoldering tool with integrated heating allows working with one hand.

Instructions for use:

- plug in the unsoldering tool;
- before unsoldering, cover the hot tool end with tin;
- press the piston until the stop;
- turn the tool smoothly to complete soldering melting;
- press the button to release the sucking up piston - all solder must be removed;
- regularly clean the tool by removing it from the casing, and unscrew the bolt;
- regularly grease the internal piston;
- clean the sucking conduit with the scraper delivered with the tool.



type	artide number	weight g	Ø mm	length mm	
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MULTIPLE desoldering tool

complete with cable and no plug - 24 volts - 50/60 Hz - 30 Watt

DI-3 24V 30 W	0592 0031 000	215	34	265	1
Terminals					
Multiple T-2	0592 0015 000	8	1,2	105	1
Multiple T-1	0592 0016 000	8	1,5	105	1

SES desoldering braiding

width 1,5 to 5 mm




SES



To desolder connections and correct printed circuits. It ensures a clean and non corrosive location for the re-soldering. The tin is absorbed by capillary effect, dispensers allow economic braiding use.

The SES braiding is also available in large reels.

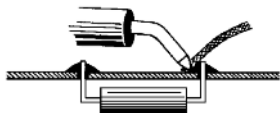
type	article number	braiding width (mm)	length per dispenser (m)	
SES desoldering braiding in short length dispenser				
TA yellow	0548 0111 000	1,5	1,7	3
TB grey	0548 0112 000	2	1,7	3
TC blue	0548 0113 000	3	1,7	3
TD white	0548 0120 000	4	1	3
TE green	0548 0121 000	5	1	3
SES desoldering braiding in medium-sized length dispenser				
10 red	0548 0200 000	1	3	3
15 orange	0548 0201 000	1,5	3	3
20 black	0548 0202 000	2	3	3
30 violet	0548 0203 000	3	3	3
SES desoldering braiding in big volume reels ø 78,5 x 28 mm (for refilling)				
30 TC reels	0548 0313 000	3	30	1



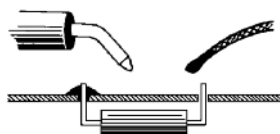
For smaller connection, bevel the braiding end; for important connection, fold the end before doubling it.



1) Standard solder connection.



2) Apply the braiding on the solder, heat with the soldering iron.



3) The molten solder has been absorbed by the braiding.

