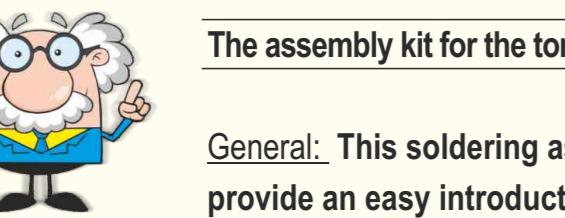
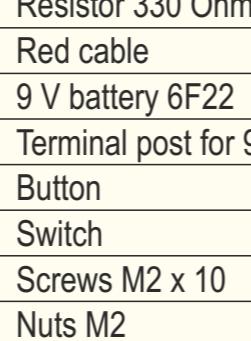


**Safety instructions:****The assembly kit for the torch with morse code feature**

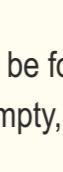
**General:** This soldering assembly kit should provide an easy introduction to the basics of soldering. It is perfectly suited for teaching how to solder in schools and workshops. As well as this, the torch assembly kit can be used at summer camps, on summer courses and for other activities to help teach kids how to solder.

**Features of the torch**

If the kit has finished being soldered, then it can be used as a **torch**. By inserting an extra button, **morse code can be transmitted with the torch**.

The morse code alphabet can be found in the instructions. If the battery is empty, it can be replaced by the same type of battery.

**WARNING:** Never connect the assembly kit to a mains voltage of 230 V! This could seriously pose a danger to your life and cause death or severe injuries!

**Instructions for protecting the environment:**

**General:** Please take the electrical components to a certified waste disposal site when they cease to function. This ensures that the components are disposed of according to legal guidelines. You can actively ensure that the environment is protected by following the regulations in place.

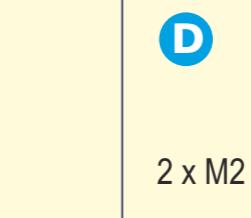
**Battery regulations:**

You have purchased a battery-operated product from us. The service life of the battery is limited and must therefore be replaced regularly. Old batteries do not belong in the domestic waste.

Consumers are legally obliged to bring batteries to an appropriate collection point for disposal. Old batteries contain valuable raw materials which can be recycled. You can also send your used batteries to: SOL-EXPERT group, Mehlisstrasse 19, 88225 Baindt.

**Parts list:**

Part	Components	Number
1	wood casing with tool, 8-parts	1
2	Acrylic cover for the casing	1
3	LED white, 5 mm	1
4	LED holder	1
5	Resistor 330 Ohm	1
6	Red cable	3
7	9 V battery 6F22	1
8	Terminal post for 9 V battery	1
9	Button	1
10	Switch	1
11	Screws M2 x 10	2
12	Nuts M2	2
13	Elastic band 32 x 3 x 1.2 mm	2

**B** Tighten the button's nuts with the wooden tool**D**

1 x M2  
2 x M2

Unscrew the nuts

**A** Assemble the button

Unscrew the spring washer and nuts

3 Nuts  
Spring washer

Wood

2 x  
1 x

2 x  
1 x

Tighten the screws

**C** Assemble the switch

1 x

1 x

above!

2 x

above!

1 x

M2 x 10 mm

2 x

**E**

Solder the two red cables with the switch and remove the ends of the wires with the side cutters.

1 x

above!

2 x

above!

1 x

M2 x 10 mm

2 x

**F**

Lead one cable from the switch to the button and solder it in the same loop of the button with another unconnected wire. Cut off the ends of the wires if necessary.

1 x

above!

1 x

above!

1 x

above!

1 x

**B** And now you can start with the:**ASSEMBLY INSTRUCTIONS****D**

1 x

above!

1 x

above!

1 x

above!

**F**

Lead one cable from the switch to the button and solder it in the same loop of the button with another unconnected wire. Cut off the ends of the wires if necessary.

1 x

above!

1 x

above!

1 x

above!

1 x

above!

**B****ASSEMBLY INSTRUCTIONS****D**

1 x

above!

1 x

above!

1 x

above!

**F**

Lead one cable from the switch to the button and solder it in the same loop of the button with another unconnected wire. Cut off the ends of the wires if necessary.

1 x

above!

1 x

above!

1 x

above!

1 x

above!

**B****ASSEMBLY INSTRUCTIONS****D**

1 x

above!

1 x

above!

1 x

above!

**F**

Lead one cable from the switch to the button and solder it in the same loop of the button with another unconnected wire. Cut off the ends of the wires if necessary.

1 x

above!

1 x

above!

1 x

above!

1 x

above!

**B****ASSEMBLY INSTRUCTIONS****D**

1 x

above!

1 x

above!

1 x

above!

**F**

Lead one cable from the switch to the button and solder it in the same loop of the button with another unconnected wire. Cut off the ends of the wires if necessary.

1 x

above!

1 x

above!

1 x

above!

1 x

above!

**B****ASSEMBLY INSTRUCTIONS****D**

1 x

above!

1 x

above!

1 x

above!

**F**

Lead one cable from the switch to the button and solder it in the same loop of the button with another unconnected wire. Cut off the ends of the wires if necessary.

1 x

above!

1 x

above!

1 x

above!

1 x

above!

**B****ASSEMBLY INSTRUCTIONS****D**

1 x

above!

1 x

above!

1 x

above!

**F**

Lead one cable from the switch to the button and solder it in the same loop of the button with another unconnected wire. Cut off the ends of the wires if necessary.

1 x

above!

1 x

above!

1 x

above!

1 x

above!