Taifun®

GT III

User Manual

english

IMPORTANT

Please read these instructions carefully, before using your Taifun® GT III rebuildable tank atomizer.

Thank you for purchasing a Taifun® GT III. With this product you have purchased a high quality rebuildable tank atomizer, which has been designed exclusively for use with e-liquid. Before use it is necessary to install a coil of resistance wire (e.g. NiCr wire) and a suitable wick (e.g. cotton) according to the instructions of this manual.

Furthermore, it is required to fill the atomizer with e-liquid after coil setup. If you are having trouble making a suitable coil, or if you have no previous experience with rebuildable atomizers, please contact your supplier or **www.smokerstore.de**.

After the attachment of a new coil, the resistance should be measured. To do this, use a multimeter or a suitable battery device with resistance measurement. If a short circuit is detected, the atomizer must never be put into operation. Short circuits can cause damage to the battery device and/or batteries. In this case, please correct the coil or make a new coil.

IMPORTANT

Please use only liquids which explicitly are intended for use in e-cigarettes.

The Taifun® GT III is made of high quality materials and has been thoroughly cleaned prior to delivery. Cleaning before use is not necessary. Any visible residues are clean water and glycerine used for pretreatment of o-rings.

If you want to clean the atomizer after longer use, a short rinse of all parts under warm water is sufficient.

Please thoroughly dry all parts before assembling the atomizer again. We also recommend that prior to assembly you moisten the o-rings with a little liquid or glycerine. This increases the durability of the o-rings and simplifies the assembly.

If an o-ring or an insulator is damaged, please replace it. The necessary spare parts are partially included in delivery and can be reordered via your supplier or **www.smokerstore.de**.

Scope of delivery Taifun® GT III

1 x Rebuildable atomizer Taifun® GT III
1 x Info card for authenticity verification
1 x Drip Tip Taifun® GT III
1 x Sealing rings (spare parts)
1 x Giftbox

Specifications

Diameter:	23 mm
Length (without Drip Tip):	52,5 mm
Weight:	approx. 82 g
Capacity:	approx. 5 ml
Material:	Stainless steel (1.4301), Borosilicate glass, PTFE (Polytetrafluorethylen) PA (Polyamid)

Attaching a coil

On the base there are 2 screws, which are used to fix the wire (plus and minus pole).

The screws are slightly offset so that the wire can be easily attached.

It is advisable to place the wire ends clockwise around the screws and fix the coil by tightening the screws.

The coil should be located centrally above the air outlet and should not touch the surrounding metal parts (risk of short circuit).

The cotton is passed through the coil and into the side pockets.

The side pockets should be completely covered with cotton from the inside, but the cotton should not be plugged in.

Via the side openings (depending on the setting of the Liquid Control) the liquid can get from the tank to the coil.

(see Coil Example, page 18)

Liquid Control

The Liquid Control is adjusted by the Drip Tip. The Drip Tip can be adjusted by 360 °.

The Liquid Control can be easily checked through the glass of the tank.

Example: Liquid Control maximally opened.

(This picture without tank is only for illustration purposes)

Example: Liquid Control half opened.

(This picture without tank is only for illustration purposes)

Example: Liquid Control closed (for filling).

(This picture without tank is only for illustration purposes)

Airflow Control

The adjustment of the airflow is supplied via the AFC ring located on the underside of the base and has two differently sized slots. There are eleven air holes under the AFC ring in total.

While on the one side the holes 1,3,5,7 and 9 are located, the holes 2,4,6,8,10 and 11 are placed on the opposite side. Through the slots in the AFC ring you can now alternately open or close another hole on each side.

You have the option either to adjust the air passage between one and ten open air holes.

One of the holes is smaller and designed for a very reduced airflow.

Recucing the air channel

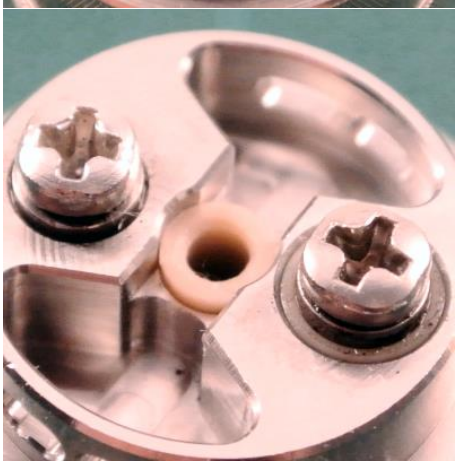
Optional available is a conical shaped PEEK tube
(3.35 x 3.55 x 6 mm) with an inside diameter of 2mm.

With this tube a very strong airflow can be achieved, independent of air flow regulation. It also provides a direct and stronger airflow direct to the coil, resulting in flavor intensification.

It is recommended to use tweezers for insertion.

Important: When inserting the tube, make sure that the narrow end is pushed into the opening first.

The tube should be pushed as completely as possible into the deck. It should not come into contact with the coil later.



Filling the tank

To fill the Taifun® GT III, first close the liquid control. Turn the drip tip until the liquid control openings are completely closed.

The liquid flow is now interrupted and you can unscrew the top cap to fill the tank.

Important: The drip tip should be pulled up a little bit before loosening the top cap, as otherwise the liquid control could be adjusted further when loosening the top cap.

After unscrewing the top cap, the liquid can be filled into the tank via the side openings.

Important: After filling, the tank should be immediately closed again with the top cap. The tank should only be opened as short as necessary.

Filling the tank (optional)

Since the supplied drip tip has two "teeth", which are necessary for adjusting the liquid control, the liquid control can not be adjusted with other drip tips and thus can not be closed for filling.

In order to close the liquid control nevertheless for the duration of the filling process, you have to unscrew the tank a little. The liquid channels are displaced inside and are also closed.

Nevertheless, the tank remains tight, as it is still sealed by the built-in O-ring.

You can now unscrew the top cap as usual.

The tank is filled from above.

Important: After filling, the tank should be immediately closed again with the top cap. The tank should only be opened as short as necessary.

Filling the tank (optional)

It is also possible to fill from tank from the bottom. To do this, place the tank upside down and unscrew the base.

The tank must be held upside down during the entire filling process.

If necessary, the chimney can be pushed aside.

Now, the liquid can be filled into the tank.

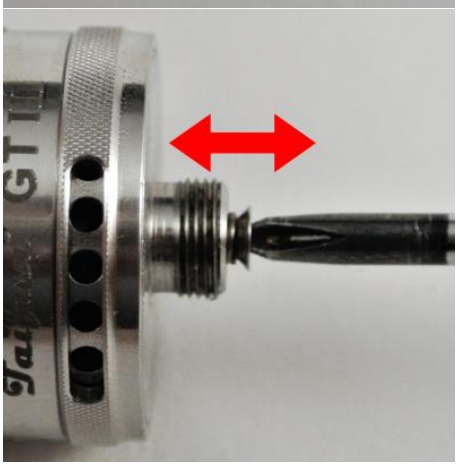
Important: When screwing in, you must pay attention to keep the tank upside down.

Adjusting the positive pole

The positive pole of the 510 connection can be adjusted to match the pole of the used device/mod.

This requires a suitable screwdriver.

The positive pole should only be screwed out as far as necessary.



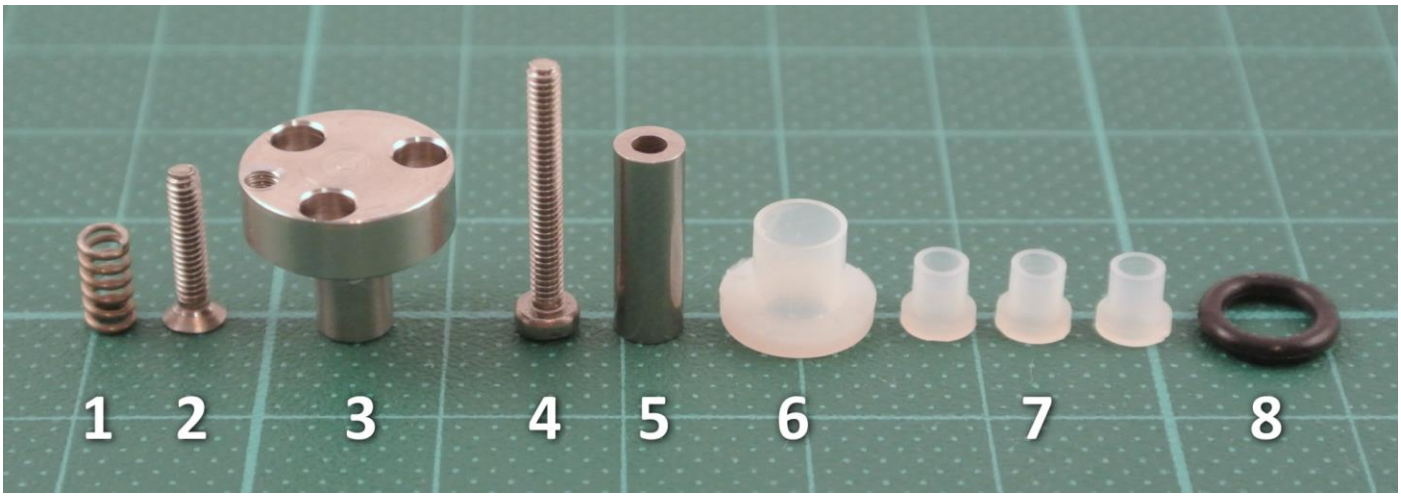
Taifun® GT III parts

1 spring
2 countersunk head screw
3 positive pole base plate
4 positive pole screw
5 positive pole mount
6 isolator (PA)
7 3x spacer (PA)
8 O-ring 5x1,5 mm (NBR 50)
9 positive pole isolator (PEEK)
10 negative pole screw
11 negative pole mount
12 AFC ring
13 base
14 O-ring 17x1 mm (NBR 50
15 O-ring 15x1 mm (NBR 50)
16 deck
17 O-ring 20x1 mm (NBR 40)
18 tank cover
19 glass tank
20 tank ring
21 O-ring 19x1 mm (NBR 70)
22 chamber/chimney
23 2x O-ring 5x1,5 mm (NBR 50)
24 top cap
25 O-ring 15x1 mm (NBR 50)
26 drip tip
27 2x O-ring 5x1,5 mm (NBR 50)

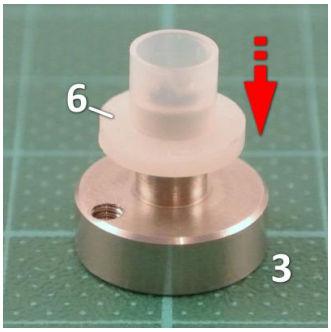
IMPORTANT

It is recommended to moisten the O-rings a little with liquid during assembly. This allows the individual parts to be screwed together much easily.

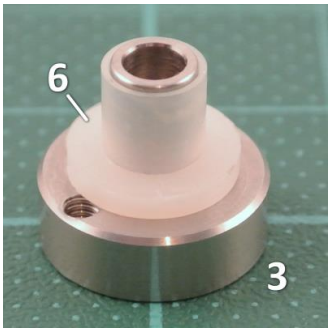
Taifun® GT III assembly



1 spring
2 countersunk head screw
3 positive pole base plate
4 positive pole screw
5 positive pole mount
6 isolator (PA)
7 3x spacer
8 O-ring 5x1,5 mm

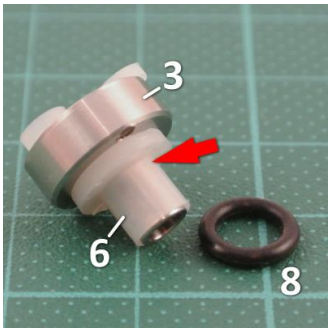


Pic 1: The isolator [6] is pushed over the positive pole base plate [3].

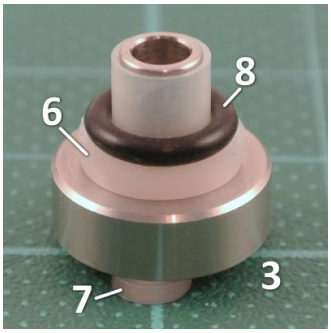


Pic 2: The isolator [6] must be fully seated on the positive pole base plate [3].

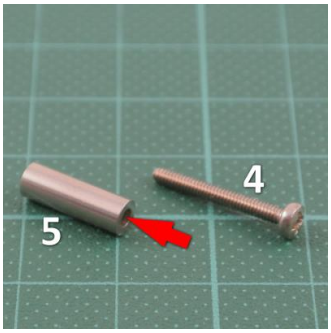
Pic 3: On the other side, the three spacers [7] are attached.



Pic 4: The O-ring [8] is also pushed over the isolator [6].

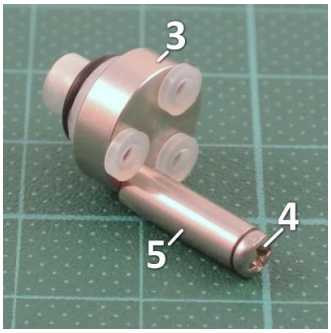


Pic 5: Push the O-ring [8] as far as possible onto the insulator [6].



Pic 6: Then insert the positive-pole screw [4] into the positive-pole holder [5].

Pic 7: Screw the screw [4] as far as it will go.



Pic 8: The screw [4] is now screwed into the positive pole base plate [3].

Pic 9: The countersunk screw [2] is now pushed into the spring [1].

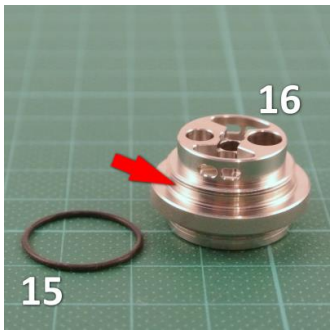
Pic 10: Push the spring [1] as far as possible onto the screw [2].

Pic 11: Put the screw [2] into the positive-pole base [3] at the bottom.

Pic 12: Carefully screw in until it stops.

Taifun® GT III assembly

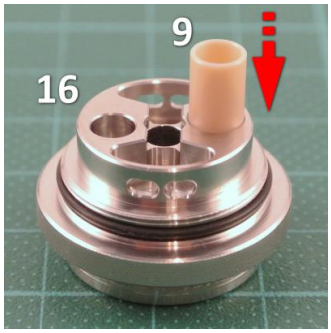
Pic 13: The parts 9, 10, 11 as well as 15 and 16 are now required.



Pic 14: First, put the O-ring [15] in the recess on the deck [16].

Pic 15: The O-ring [15] must be positioned exactly at the intended location on the deck [16].

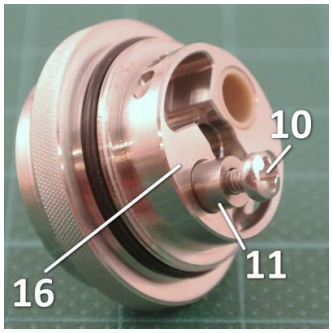
Pic 16: Now insert the positive pole insulator [9] into the hole provided in the deck [16].



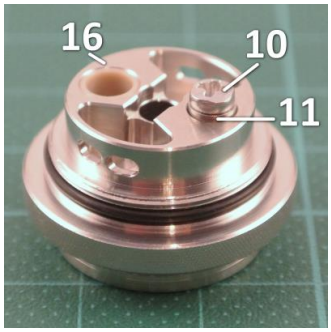
Pic 17: It is important to insert the insulator [9] carefully, evenly and, if necessary, with slight turning movements.

Pic 18: The isolator [9] must be fully seated in the deck [16].

Pic 19: The negative pole screw [10] is inserted through the negative pole holder [11] …



Pic 20: … and then screwed to the deck [16].



Pic 21: When the screw [10] is correctly seated, only the screw head looks out of the deck [16].

Pic 22: The positive pole base [3] is inserted from below into the deck [16]. The spacers are then positioned exactly in the recesses.

Pic 23: The positive pole [4] is now at the same level as the negative pole [10].

Pic 24: The O-ring [14] is now installed on the base [13].

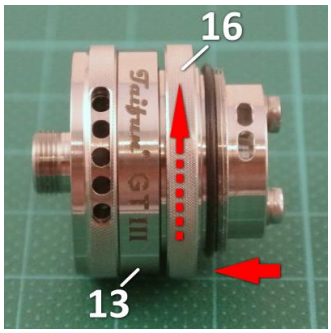
Pic 25: The O-ring [14] should sit flush in the recess of the base [13].

Pic 26: The AFC ring [12] is placed on the base [13] and held there by the O-ring [14].

Pic 27: The AFC ring [12] can now be moved laterally on the base [13].

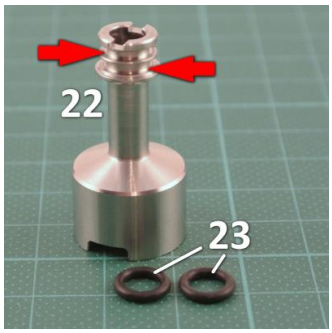
Pic 28: The deck [16] can now be inserted into the base [13].

Taifun® GT III assembly



Pic 29:
The deck [16] and the base [13] are now screwed together.

Pic 30: Now the base should look like this.

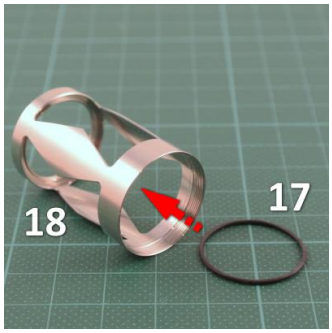


Pic 31: The two O-rings [23] are installed in the recesses at the upper end of the chimney [22].

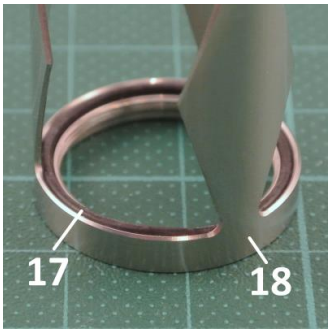
Pic 32: The O-rings [23] should now be seated, as on this pic..

Pic 33: The O-ring [21] is now attached to the tank ring [20].

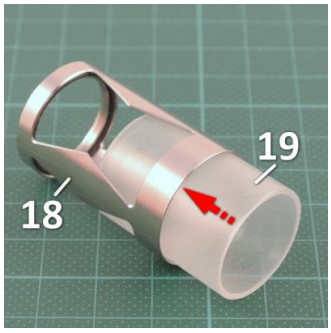
Pic 34: For this purpose there is a fine edge on the tank ring [20] in which the O-ring [21] should be seated.



Pic 35: The O-ring [17] is now inserted into the tank cover [18].



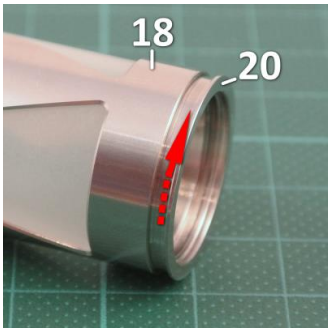
Pic 36: The O-ring [17] is located in a small groove in the tank cover [18].



Pic 37: The glass tank [19] is now pushed into the tank cover [18].

Pic 38: The glass tank [19] sits on the O-ring [17] in the tank cover [18]. Check the correct seat again if necessary.

Pic 39: The tank ring [20] is now placed on the tank cover [18] ...

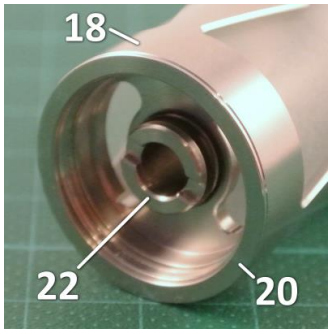


Pic 40: ... and screwed on there. If necessary, use pointed pliers to grasp the filling openings.

Pic 41: The tank ring [20] should now sit correctly on the tank cover [18].

Pic 42: Now insert the chimney [22] into the tank ring [20] through the tank cover [18].
IMPORTANT: The O-rings on the chimney should be moistened with some liquid before this step.

Pic 43: The chimney [22] should now be inserted into the tank [18].



Pic 44: On the top you can see the chinmey [22] sitting in the tank ring [20].

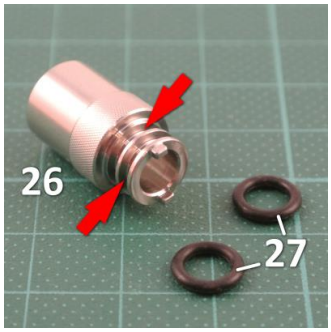
Taifun® GT III assembly

Pic 45: Attach the O-ring [25] on the top cap [24].

Pic 46: In the top cap [24] there is a corresponding recess for the O-ring [25].

Pic 46: The top cap [24] can now be screwed onto the tank ring [20].

Pic 47: Top cap [24], tank ring [20] and tank cover [18] should be flush with each other.



Pic 48: The O-rings [27] are mounted on the drip tip [26].

Pic 49: Notice the two "teeth" at the lower edge of the drip tip [26].

Pic 50: The drip tip [26] is placed on the top cap [24] so that it "engages" exactly in the chimney.

Pic 51: The drip tip [26] now sits flush on the top cap [24]. The liquid control can be operated with rotary movements.

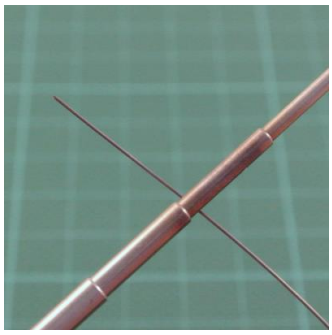
Pic 52: The tank [18] is now crewed onto the base [16].

Pic 53: Both parts are now screwed together.

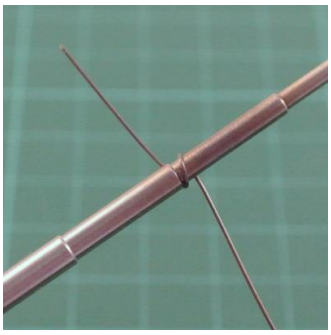
Pic 54: Done!

Coil example

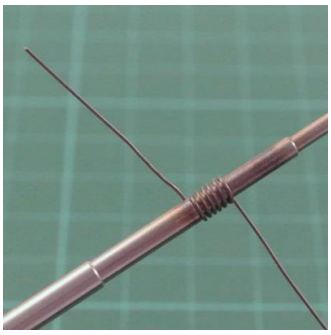
The two screws are loosened slightly, in order to fix the wire.



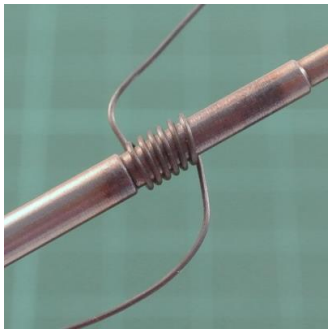
The wire is placed behind the winding aid.



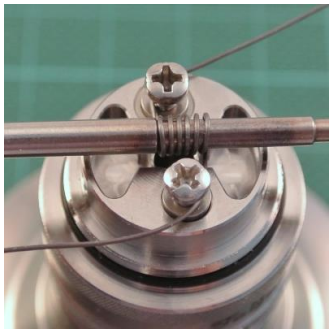
Now guide the wire from bottom to top around the winding aid.



Repeat this until you have the desired number of turns.

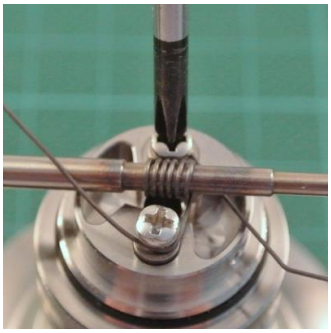


Now you can fold the ends of the wire a little. This makes the coil easier to attach.

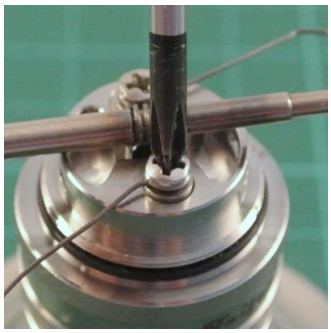


The wire is placed around the screws ...

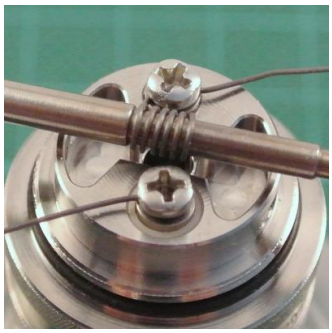
... and then clockwise around the screws.



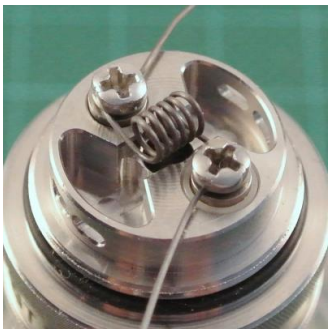
Use a suitable screwdriver to tighten the screws. The rotary movement during clamping, also tightens the wire.



The same is done with the second screw. The winding aid should be held so that the coil does not move.



Now you can adjust the coil a bit, if necessary.



Carefully remove the winding aid.

Cut the wire ends flush with the screw heads.

Coil example

Viewed from above, the winding should now be uniformly and centrally aligned, covering the air hole.

Now a broad strand cotton is needed.

The cotton is tipped on one side and passed through the coil.

The cotton can then be shortened. On each side should be about 8-10 mm cotton.

One end of the cotton is now carefully guided into the side pockets.

On the other side, too.

The cotton should fill the pockets completely, but it must not be stuffed. The cotton wool must be distributed loosely and airily.

It is important that there is some cotton behind each liquid opening.

IMPORTANT
After applying a coil, the cotton must be pre-moistened with liquid before the atomizer is screwed together and the tank is filled.

The winding shown here is only an example. Other wires, a different number of turns, and larger / smaller diameters are also possible.

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ELECTRONIC VAPING PRODUCTS

SmokerStore GmbH

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