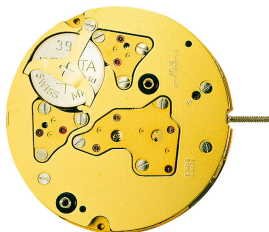
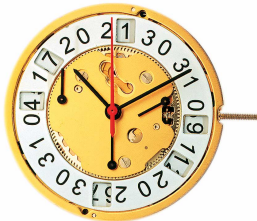
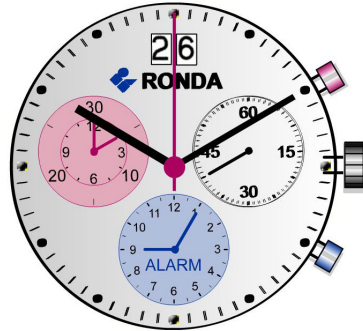


Specification

12 ½"


Dimensions and battery

∅ Total	28.60 mm
∅ Case fitting	28.00 mm
Movement height	4.40 mm
Movement rest	0.60 mm
Height of stem	1.90 mm
Stem: Thread / Distance	0.90 mm / 0.90 mm
Battery / Autonomy	Nr. 395 / 48 Months

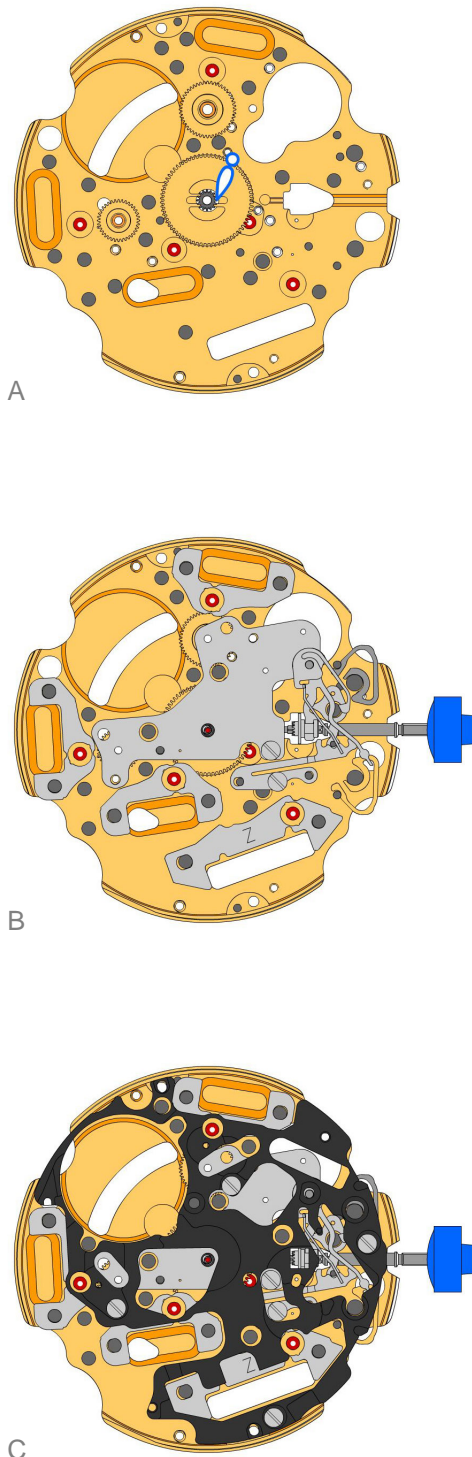
Performances



	Small second (M1):	4.0 - 6.7 µNm
Torque T	Minute hand (M1):	200 - 300 µNm
	Counter (M2, M3, M4):	3.0 - 4.6 µNm
Operating temperature	0°C - 50°C	
Res. against magn. fields	18.8 Oe = 1500 A/m	
Resistance against shock	NIHS 91 - 10	


Functions


Position I (crown)	Neutral
Position II (crown)	Setting the date (quick mode)
Position III (crown)	Setting the time and reference time
Pusher A	Start, Stop, ADD
Pusher B	Zero positioning, Split, Alarm
	small second


Assembling





1. 2000.574.CO Main plate

2. 3305.282.CO Cannon pinion with driver (Aig 2)



Moebius 8200 greace must be placed between the steel tube and the brass wheel. The steel tube must be placed into the center hole of the main plate.
3. 3301.243.CO Hour wheel (Alarm)



The hour wheel has bigger teeth and a smaller diameter than the 3301.244
4. 3301.244.CO Hour wheel (Chrono)




This hour wheel has smaller teeth and a bigger diameter than the 3301.243
5. 2030.017.CO Centre bridge



Use one screw 4000.250 to fix the center bridge.
6. 3001.041 Sliding pinion



The sliding pinion must be holded using a tweezers, untill the stem is inserted.
7. 3000.177.CO Handsetting stem



Prior to the insertion of the stem, some greace must be placed on the square part of the stem.
8. 3017.049 Setting lever




The cam on the setting lever must be inserted into the cut out on the stem. (the setting lever must be greaced)
9. 3905.049 Setting lever jumper (3 positions)



The setting lever jumper (3 positions) must be tensioned and inserted into the setting lever. Use one screw 4000.250 to fix the setting lever.
10. 4000.250 Screw

11. 3015.081 Yoke (3 positions)



The yoke must be inserted, into the cut out on the sliding pinion.
12. 3905.067 Yoke spring


The yoke spring must be positioned on the yoke. The opposite end of the yoke must be positioned around the pillar of setting lever. Use Moebius 8200 to greace the yoke.
13. 3406.030 Pusher jumper


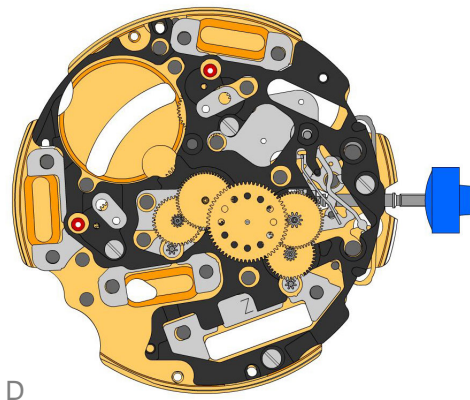
Use Jismaa 124 to greace the (steel) pusher jumper.
14. 3406.038 Pusher jumper


Use Jismaa 124 to greace the (yellow) pusher jumper.
15. 3622.040 Stator

16. 3622.039 Stator (counter 6h, 9h and chrono)


3 pieces
17. 3603.079 Plastic bracket


Use 4 screws 4000.250
18. 4000.250 Screw


Assembling



19. 3715.094.RK Rotor (centre and chrono)
 Use an antimagnetic tweezers to place the 2 rotors.

20. 3147.046.CO Intermediate wheel
 on the right side of the third wheel

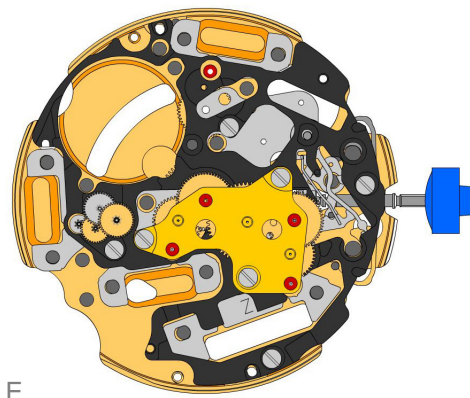
21. 3136.142.CO Second wheel (long)
 on the right side of the third wheel

22. 3147.047.CO Intermediate wheel (chrono)
 on the left side of the third wheel

23. 3136.144.CO Chronograph wheel (Aig 2)
 on the left side of the third wheel

24. 3122.056.CO Third wheel

25. 2020.148 Train wheel bridge
 Attention: Prior to the fastening process of the bridge, all 7 pins of the wheels must be visible in the 7 holes in the bridge. Use 3 screws 4000.250.



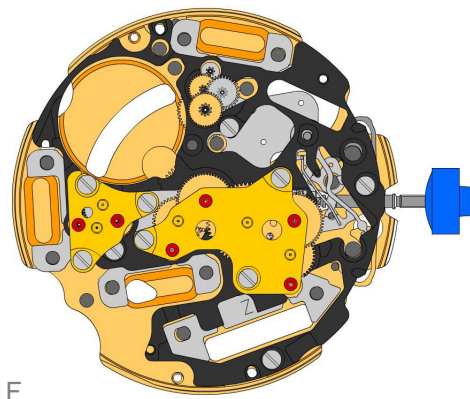
26. 3715.095.RK Rotor (counter 6h and 9h)
 Use an antimagnetic tweezers to place the rotor.

27. 3147.048.CO Intermediate wheel (counter)

28. 3007.056.CO Minute wheel (counter 24h)

29. 3402.008.CO Minute counting wheel

30. 2020.149 Counter train wheel bridge
 Attention: Prior to the fastening process of the bridge, all 4 pins of the wheels must be visible in the 4 holes of the bridge. Use 3 screws 4000.250.



31. 3715.095.RK Rotor (counter 6h and 9h)
 Use an antimagnetic tweezers to place the rotor.

32. 3147.048.CO Intermediate wheel (counter)

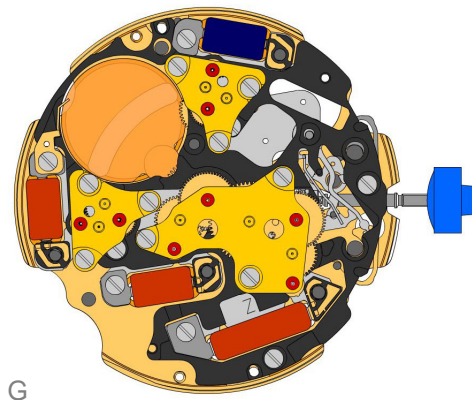
33. 3007.055.CO Minute wheel (counter 24h)

34. 3402.007.CO Minute counting wheel

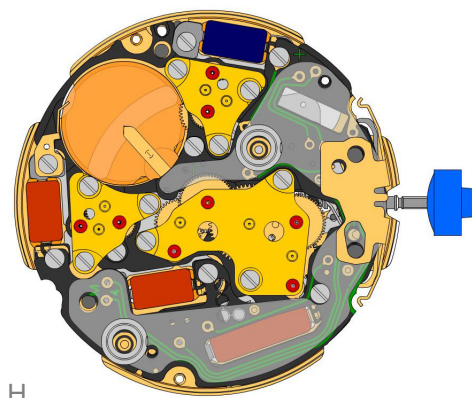
35. 2020.149 Counter train wheel bridge
 Attention: Prior to the fastening process of the bridge, all 4 pins of the wheels must be visible in the 4 holes of the bridge. Use 3 screws 4000.250.

36. 4000.250 Screw

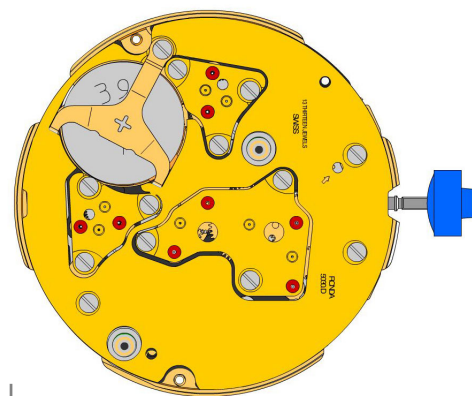
Assembling



- 37. 9014.000 **Moebius 9014**
Use Moebius 9014 on bearing of all rubis
- 38. 3621.053.RK **Coil**
The wire of the coil (red area) is very sensitiv to mechanical impacts. Hold the coil only outside the red area. Fix the coil by 1screw 4000.250.
- 39. 3621.054.RK **Coil (counter 9h and chrono)**
The wire of the coil (red area) is very sensitiv to mechanical impacts. Hold the coil only outside the red area. Fix each of the 2 coils by 1screw 4000.250
- 40. 3621.055.RK **Coil (counter 6h)**
Coil (counter 6h)-gt.The wire of the coil (blue area) is very sensitiv to mechanical impacts. Hold the coil only outside the blue area. Fix the coil by 1screw 4000.250.
- 41. 3601.118 **Contact strip**
- 42. 4000.250 **Screw**



- 43. 3603.034 **Battery insulator**
- 44. 3612.176.5130 **Electronic module**
After assembly of the electronic module it is the best time to perform the electrical measurements. Use 5 screws 4000.248 to fix the electronic module.
- 45. 4000.248 **Screw**
- 46. 3603.069 **Circuit insulator**
- 47. 3603.070 **Contact insulator**
2 pieces



- 48. 3601.107 **Pusher contact spring**
Make shure, that the pusher contact spring is placed correctly onto the pillars.
- 49. 3600.010 **Battery**
Use a plastic tweezers to place the battery (to avoid short circuit of battery).
- 50. 3601.109 **Bridle +**
Insert the two brackets of the battery bridle under the electronic module cover and fasten the battery bridle by 1 screw 4000.250.
- 51. 4000.250 **Screw**