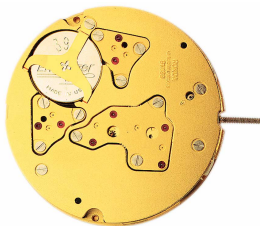
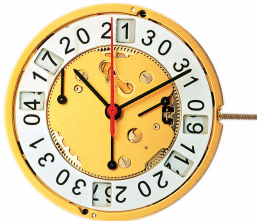
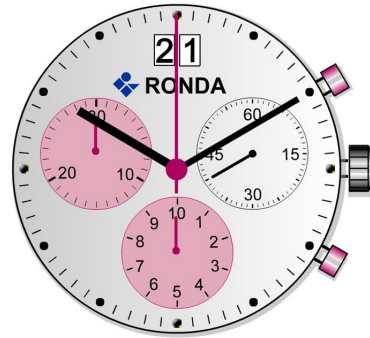


Specification

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

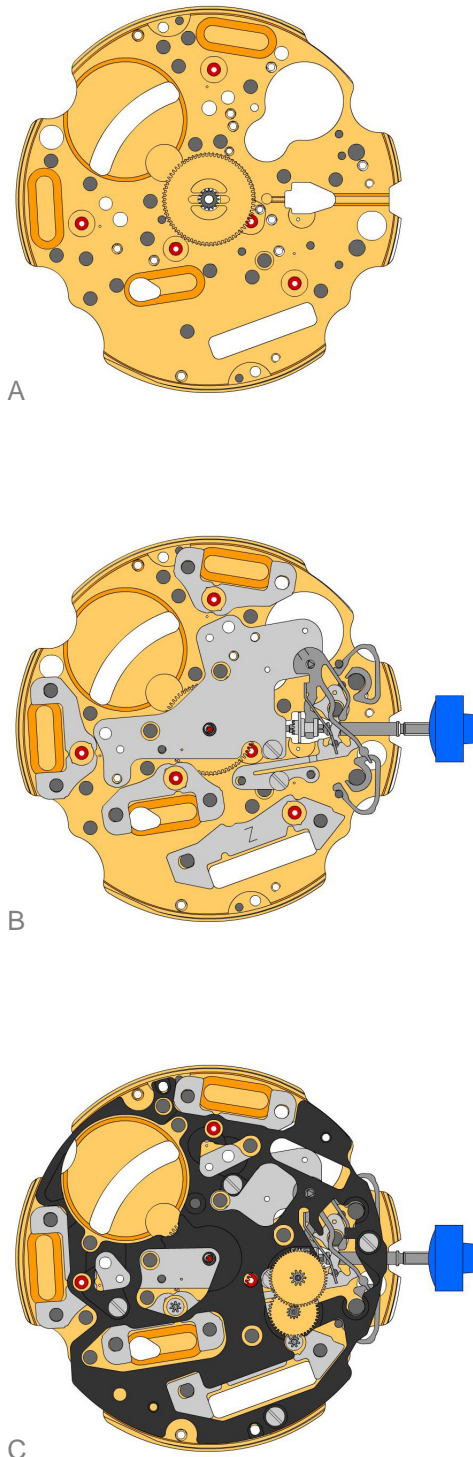
Performances

	Small second (M1): 4.0 - 6.7 µNm
Torque T	Minute hand (M1): 200 - 300 µNm
	Counter (M2, M4): 3.0 - 4.6 µNm
	Counter (M3): 1.5 - 2.5 µNm
Operating temperature	0°C - 50°C
Res. against magn. fields	18.8 Oe = 1500 A/m
Resistance against shock	NIHS 91 - 10

Functions

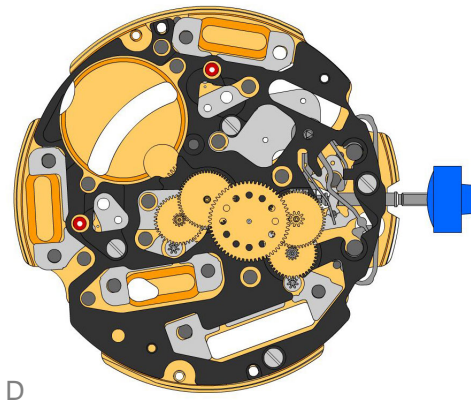
Position I (crown)	Neutral
Position II (crown)	Setting the date (quick mode)
Position III (crown)	Setting time and adjusting chrono hands
Pusher A	START / STOP / ADD
Pusher B	ZERO POSITIONING / SPLIT

Assembling



1. 2000.574.CO Main plate
2. 3305.275.CO Cannon pinion with driver (Aig 1)
 Moebius 8200 grease 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. 2030.017.CO Centre bridge
 Use one screw 4000.250 to fix the center bridge.
4. 3001.041 Sliding pinion
 The sliding pinion must be holded using a tweezers, untill the stem is inserted.
5. 3000.177.CO Handsetting stem
 Prior to the insertion of the stem, some grease must be placed on the square part of the stem.
6. 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)
7. 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.
8. 4000.250 Screw
9. 3015.076 Yoke (3 positions)
 The yoke must be inserted below, into the cut out of the sliding pinion.
10. 3905.058 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 grease the yoke.
11. 3406.030 Pusher jumper
 2 pieces. Use Jismaa 124 to greace the pusher jumper.
12. 3622.040 Stator
13. 3622.039 Stator (counter 6h and 9h and chrono)
 3 pieces
14. 3603.065 Plastic bracket
 Use 4 screws 4000.250
15. 4000.250 Screw
16. 3715.094.RK Rotor (centre and chrono)
 Use an antimagnetic tweezers to place the 2 rotors.
17. 3147.046.CO Intermediate wheel
18. 3136.142.CO Second wheel (long)

Assembling



19. 3147.047.CO Intermediate wheel (chrono)



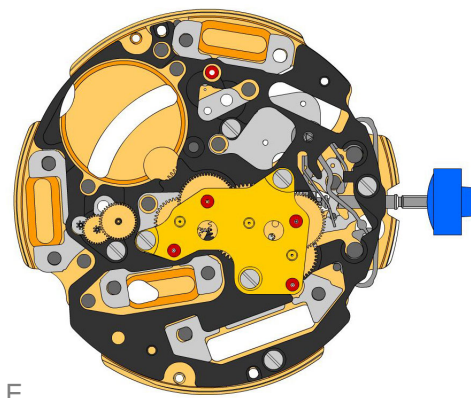
20. 3136.143.CO Chronograph wheel (Aig 1)



21. 3122.056.CO Third wheel



22. 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.



23. 3715.095.RK Rotor (counter 6h and 9h)
 Use an antimagnetic tweezers to place the rotor.



24. 3147.048.CO Intermediate wheel (counter)



25. 3402.006.CO Minute counting wheel



26. 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.



27. 3715.095.RK Rotor (counter 6h and 9h)
 Use an antimagnetic tweezers to place the rotor.



28. 3147.053.CO Intermediate wheel (counter 1/10sec)



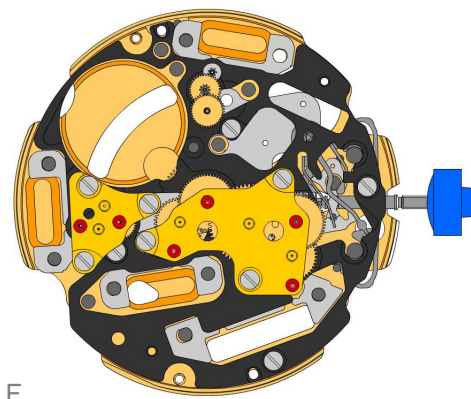
29. 3402.009.CO Counting wheel 1/10 sec



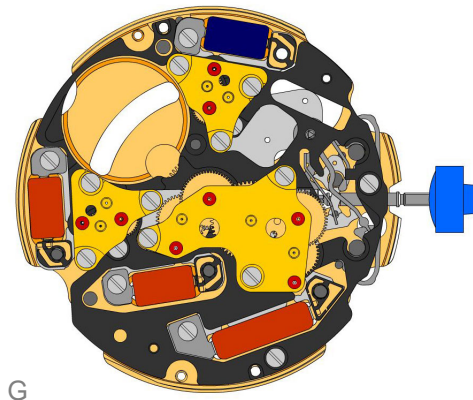
30. 2020.149 Counter train wheel bridge
 Attention: Prior to the fastening process of the bridge, all 4 pins of the wheels must be visible in the 4 holes of the bridge. Use 3 screws 4000.250.



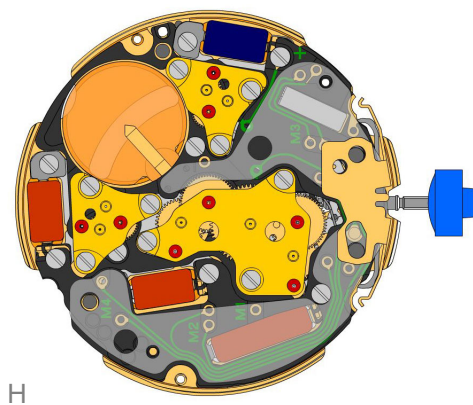
31. 4000.250 Screw



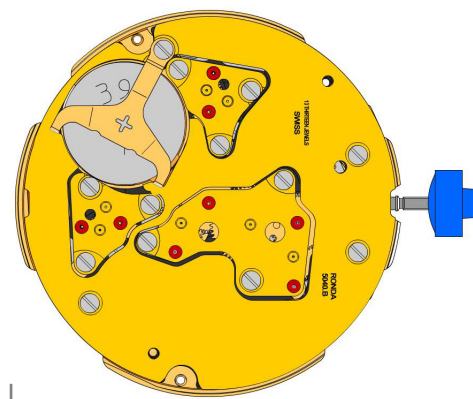
Assembling



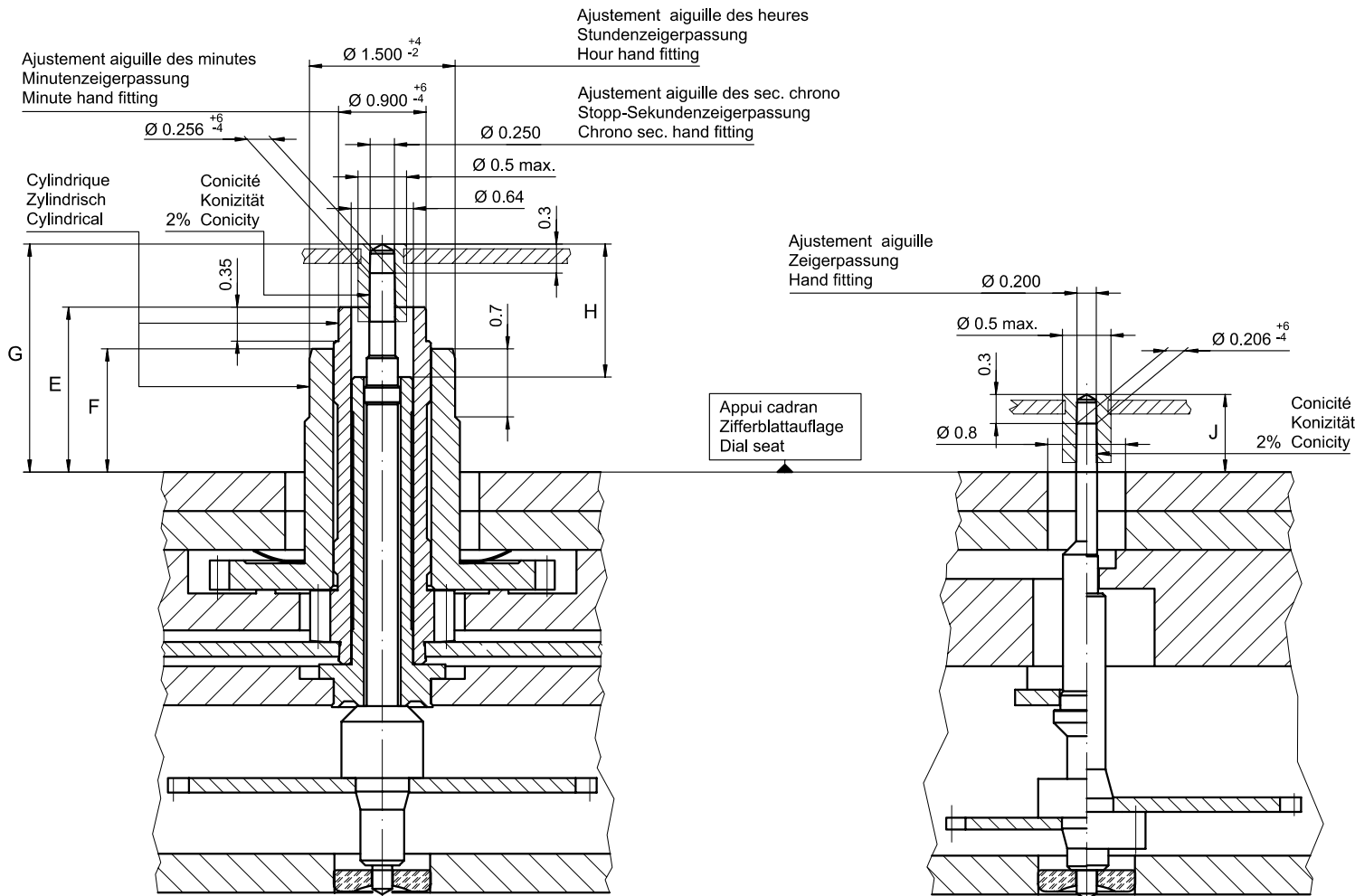
- 32. 9014.000 **Moebius 9014**
 Use Moebius 9014 on bearing of all rubis
- 33. 3621.053.RK **Coil**
 The wire of the coil (red area) is very sensitiv to mechanical impacts. Hold the coil only outside the red area. Fix the coil by 1screw 4000.250.
- 34. 3621.054.RK **Coil (counter 9h and chrono)**
 The 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.
- 35. 3621.055.RK **Coil (counter 6h)**
 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.
- 36. 4000.250 **Screw**



- 37. 3603.034 **Battery insulator**
- 38. 3612.144.5040 **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.
- 39. 4000.248 **Screw**
- 40. 3603.069 **Circuit insulator**
- 41. 3601.107 **Pusher contact spring**
 Make shure, that the pusher contact spring is placed correctly onto the pillars.



- 42. 2130.137.5040.B **Electronic module cover (counter 6h/9h)**
 Make shure, that the pusher contact spring is not displaced during attachment of the electronic module cover. Use 3 screws 4000.250 to fix the electronic module cover
- 43. 3600.010 **Battery**
 Use a plastic tweezers to place the battery (to avoid short circuit of battery).
- 44. 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.
- 45. 4000.250 **Screw**



Heures / minutes / secondes chrono
 Stunden / Minuten / Stopp-Sekunden
 Hours / minutes / chrono second

Compteur 1 aiguille / 1 Zeiger Zähler / 1 Hand counter
 Petite seconde / Kleine Sekunde / Small second

Aiguillages Zeigerwerkhöhe Hand fitting height						
Dépassement Höhe über Zifferblattauflage Height over dial seat						
No	Pignon des secondes chrono Stopp-Sekundentrieb Chrono second pinion	Chaussée Minutenrohr Cannon-pinion	Roue des heures Stundenrad Hour wheel	Petite seconde Kleine Sekunde Small second	Pignon compteur Zähltrieb Counter pinion	1 aig. 1 Zeiger 1 Hand
No	G	E	F	H	J	J
1	2.35	1.70	1.27	1.37	0.80	0.80
2	2.85	2.20	1.77	1.87	1.30	1.30

Aiguillages Zeigerwerkhöhe Hand fitting height						
Peinture comprise / inkl. Farbe / Paint included						
Epaisseur maximum du cadran Maximale Zifferblattstärke Maximum dial thickness						
No	Sous l'aiguille des secondes chrono Unter Stopp-Sekundenzeiger Under chrono second hand	Sous l'aiguille des minutes Unter Minutenzeiger Under minute hand	Sous l'aiguille des heures Unter Stundenzeiger Under hour hand	Sous l'aiguille de petite seconde Unter kleine Sekundenzeiger Under small second hand	Sous l'aiguille compteur 1 aiguille Unter Zeiger 1 Zeiger Zähler Under hand 1 hand counter	Epaisseur des aiguilles Zeigerdicke Hands thickness
No	1	2	3	4	5	6
1	1.85	1.30	0.85	0.40	0.40	0.15
2	2.35	1.80	1.35	0.90	0.90	0.15

	Aig. des sec. chrono Stopp-Sekundenzeiger Chrono second hand	Aig. des minutes Minutenzeiger Minute hand	Aig. des heures Stundenzeiger Hour hand	Aig. petite secondes Kleine Sekundenzeiger Small second hand	Aiguille compteur (1 aig.) Zähler Zeiger (1 Zeiger) Counter hand (1 hand)	Lors de la pose d'aiguilles, le mouvement doit être soutenu. Beim Zeigersetzen muss das Werk abgestützt werden. The movement needs to be supported for hand setting.
mg max.	10	30	30	10	10	Masse / Masse / Weight *
µNm max.	0.06	0.80	0.80	0.07	0.02	Balourd / Unwucht / Unbalance *
gmm ² max.	1.0	-	-	0.4	1.0	Inertie / Massenträgheit / Inertia *
N max.	30	40	40	30	30	Force de chassage / Aufpresskraft / Force

Sous réserve de toutes modifications / Änderungen vorbehalten / All modifications reserved

<h1>Aiguillages Zeigerwerkhöhen Hand fitting heights</h1>	Issued	30 Sep 2002	mg
	Modified	02.08.2010 AA 2120	dh
	Released	Yes	
	Tolerance	µm	
	Scale	20 : 1 (A3H)	
<h2>RONDA</h2>	<h2>5040.B, 5040.D</h2>		<h1>12½"</h1>
	Sous réserve de modifications Änderungen vorbehalten Modifications reserved		

* En cas de données différentes, veuillez contacter le service après-vente

* Bei abweichenden Werten, bitte technischen Kundendienst anfragen

* In case of different values, please contact the customer service