

### Specification

11 ½"



#### Dimensions and battery

∅ Total	26.2 mm
∅ Case fitting	25.6 mm
Movement height	3.30 mm
Movement rest	1.40 mm
Height of stem	1.80 mm
Stem: Thread / Distance	0.90 mm / 0.90 mm
Battery / Autonomy	Nr. 373 / 36 Months

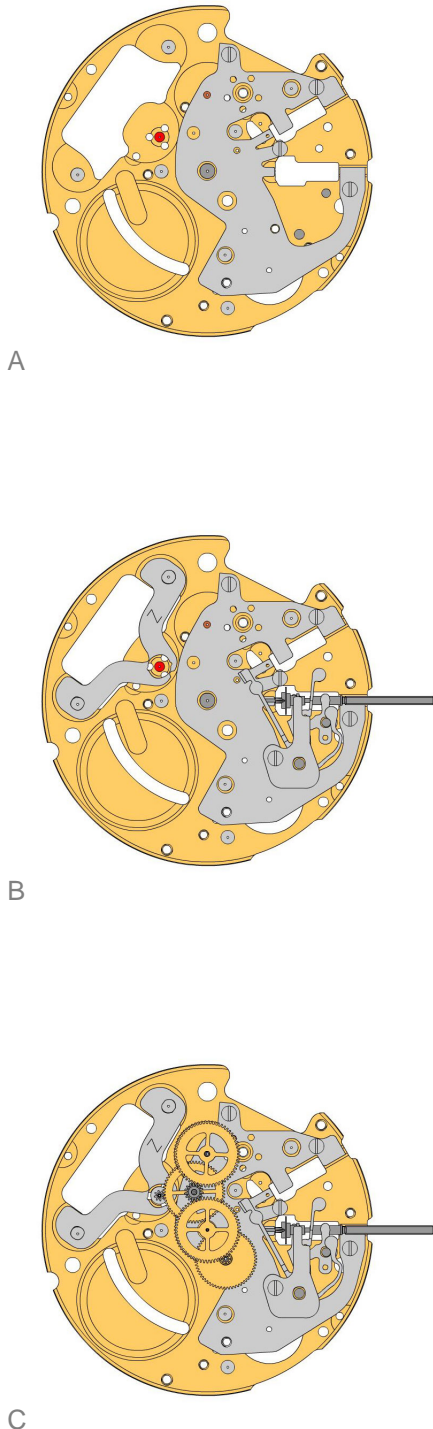
#### Performances
















	Second hand: 6 µNm
Torque T	Minute hand: 300 µNm
Operating temperature	0°C - 50°C
Res. against magn. fields	18.8 Oe = 1500 A/m
Resistance against shock	NIHS 91 - 10

#### Functions

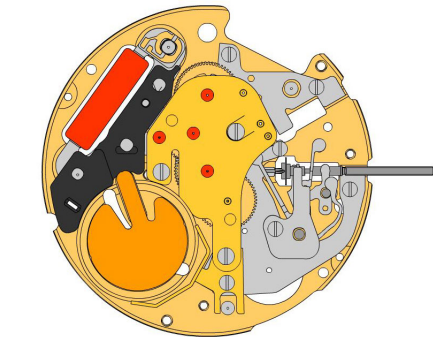
Position I (crown)	Neutral
Position II (crown)	Setting the date (quick mode)
Position III (crown)	Setting Time

### Assembling

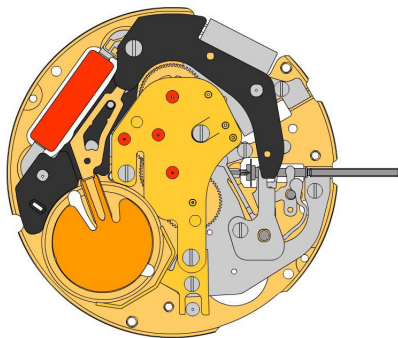


1. 2000.626.G Main plate  

2. 2130.167 Centre bridge  
 Use 4 screws 4000.300 to fix the center bridge.  

3. 4000.300 Screw  

4. 3017.052 Setting lever  
 The cam on the setting lever must be inserted into the cut out on the stem. (the setting lever must be greaced)  

5. 3015.074 Yoke (3 positions)  
 The yoke must be inserted below, into the cut out of the sliding pinion.  

6. 3001.042 Sliding pinion  
 The sliding ponion must be holded using a tweezers, untill the stem is inserted.  

7. 3000.189.CO Handsetting stem  
 Prior to the insertion of the stem, some greace must be placed on the square part of the stem.  

8. 2020.166 Yoke bridge  
 Use 1 screw 4000.244.  

9. 4000.244 Screw  

10. 3622.042 Stator  

11. 3715.103.RK Rotor centre  
 \* Use an antimagnetic tweezers to place the rotor.  

12. 3147.056.CO Intermediate wheel  

13. 3122.059.CO Third wheel  

14. 3136.163.CO Second wheel (height 1)  

15. 3136.167.CO Second wheel (long)  


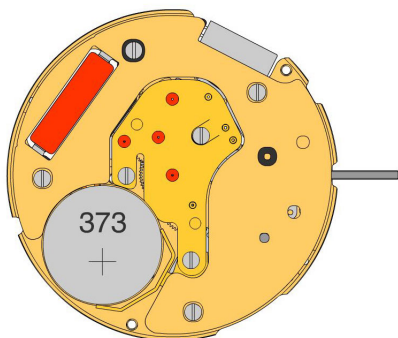
### Assembling




D







E







F



16. **2020.167.G** **Train wheel bridge**  




Attention: Prior to the fastening process of the bridge, all pins of the wheels must be visible in the holes in the bridge. Use 3 screws 4000.279.
17. **4000.279** **Screw**  

18. **3601.117** **Battery contact spring**  


Use 1 screw 4000.244.
19. **4000.244** **Screw**  

20. **3621.060.RK** **Coil (movment)**  


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.
21. **3603.074** **Bride insulator**  

22. **3603.075** **Battery insulator**  

23. **3601.116** **Bridle (-)**  


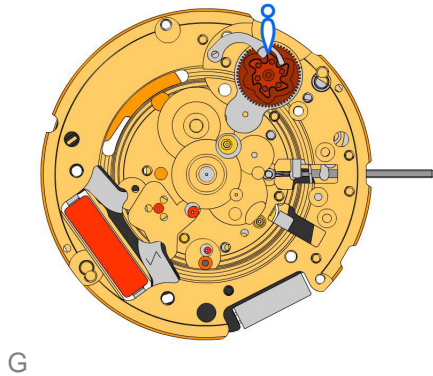
Make shure, that the pusher contact spring is placed correctly onto the pillars.
24. **3612.181.6003** **Electronic module**  


After assembly of the electronic module it is the best time to perform the electrical measurements. Use 1 screw 4000.318 to fix the electronic module.
25. **4000.318** **Screw**  

26. **2130.168.6004.B** **Electronic module cover (counter 6h)**  


Use 3 screws 4000.102 to fix the electronic module cover
27. **4000.102** **Screw**  

28. **3600.031** **Battery**  


Use a plastic tweezers to place the battery (to avoid short circuit of battery).

### Assembling



29. 2000.626.Gb Main plate



30. 9014.000 Moebius 9014  
 Use Moebius 9014 on bearing of all rubis



31. 3004.188 Tens indicator driving wheel  
 The short tooth of the tens indicator driving wheel must point to the center of the movement.



32. 3500.060 Tens jumper  
 Moebius 8200 grease must be placed between the tens jumper and the tens indicator driving wheel.



33. 2130.171 Tens jumper maintaining plate  
 Make shure, that the tens indicator driving wheel is not blocked prior to the fastening process. Use 2 screws 4010.306. Place the spring loaded bracket outside of the tens jumper.



34. 4010.306 Screw



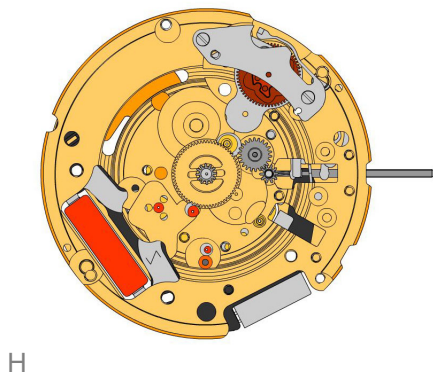
35. 3004.182 Setting wheel  
 Use Moebius 9020



36. 3004.183 Setting wheel inter.



37. 3305.307.CO Date indicator driving wheel  
 Moebius 9020 must be used in the center of this wheel



38. 3007.073



39. 3301.271.CO Hour wheel (Aig 1)



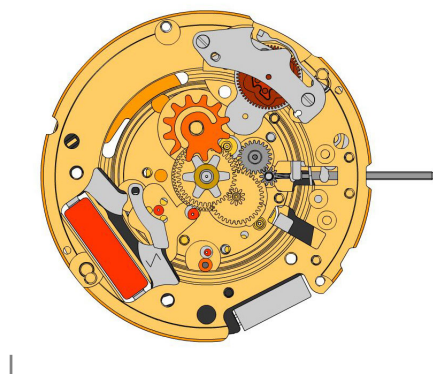
40. 3315.001 Hour wheel friction spring



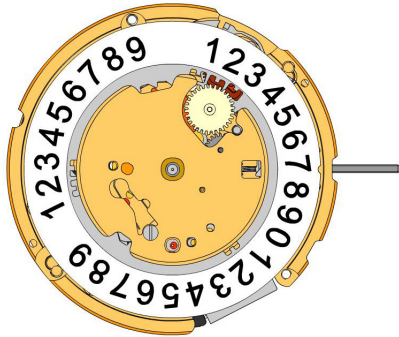
41. 3004.187 Date indicator driving wheel  
 Moebius 9020 must be used in the center of this wheel.



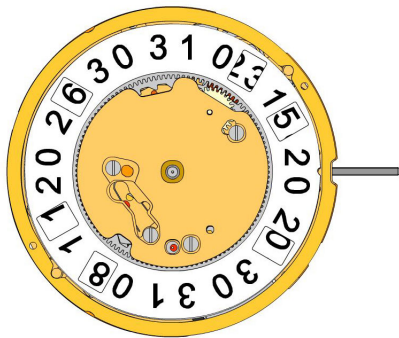
42. 3500.061 Date jumper  
 Moebius 8200 grease must be placed between the date jumper and the date jumper spring














### Assembling



J

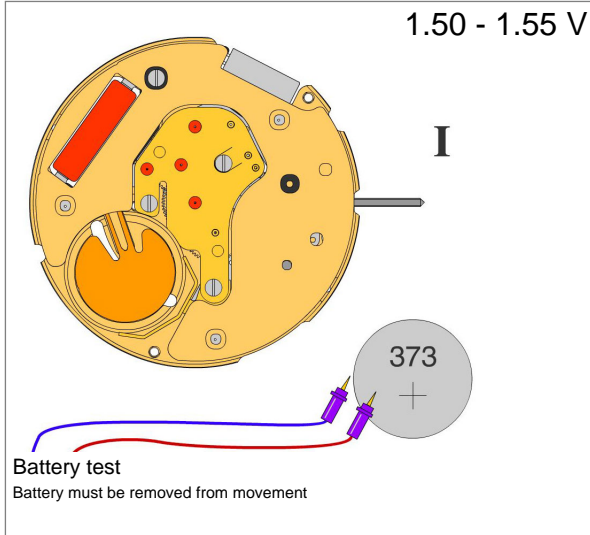


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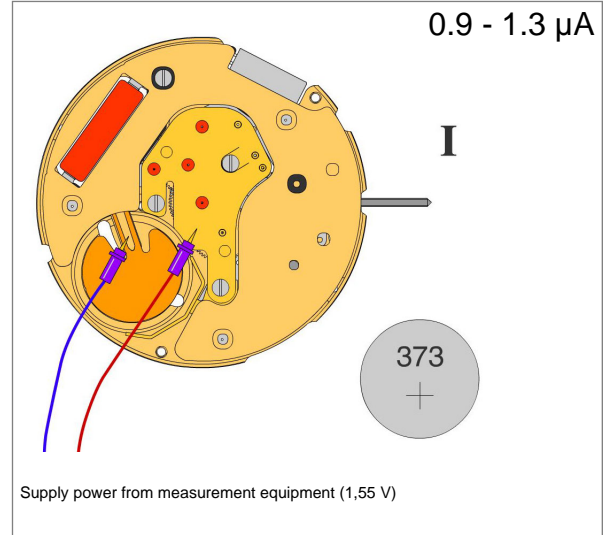
- 43. 3504.217 **Units indicator**  
 Teeth must be greaced using Moebius 8200. The "half moon" cut out on the unit indicator must point to the stem (position 3h).  

- 44. 3147.057 **Tens intermediate wheel**  

- 45. 2130.169 **Date indicator maintaining plate**  
 use 1 screw 4000.312  

- 46. 3905.050 **Date jumper spring**  
 Insert the spring into the opening of the date indicator maintaining plate  

- 47. 3504.218 **Tens indicator (T3/G12)**  
 The "half moon" cut out on the tens indicator must point to the stem (position 3h).  

- 48. 2130.170 **Date mechanism maintaining plate**  
 Assure that the tens intermediate wheel is not blocked, prior to the fastening process. Use 3 screws 4000.312 to fix the date indicator maintaining plate.  

- 49. 4000.312 **Screw**  

- 50. 3506.075.G **Dial support**  

- 51. 9010.000 **Moebius 8200**  
 Microgliss D5 can be used  

- 52. 9018.000 **Jismaa 124**  
 Greace Moebius or Microgliss D5 an be used  

- 53. 9020.000 **Moebius 9020**  


### Electrical checking

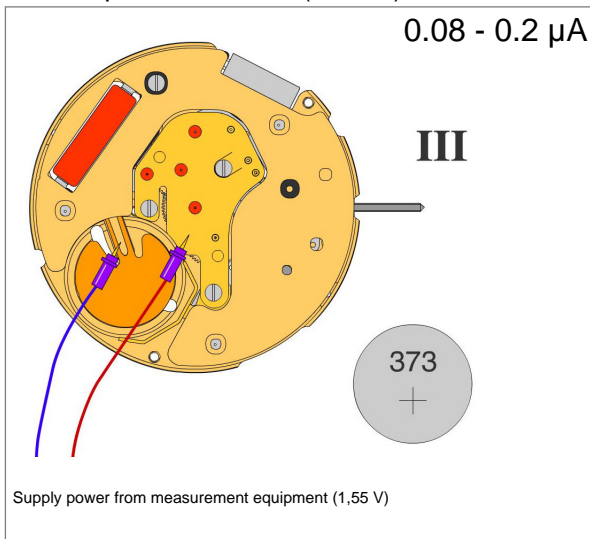
#### Voltage of battery



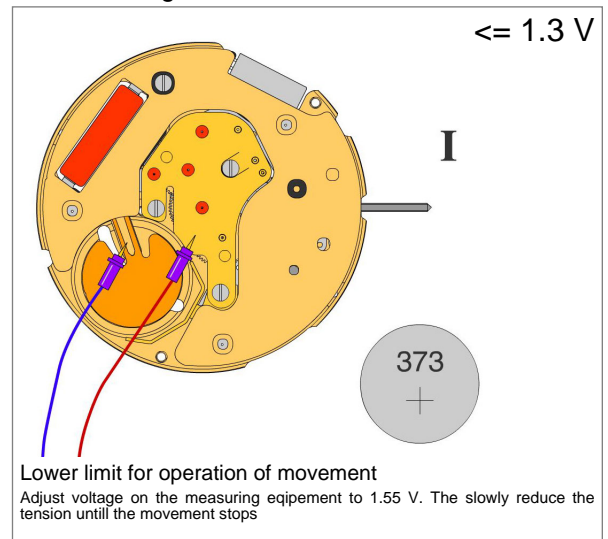
#### Consumption of movem. (Pos. I)



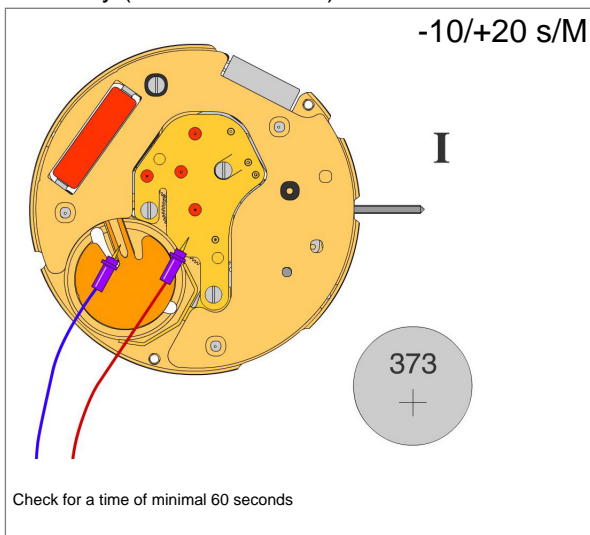
#### Consumption of movem. (Pos. III)



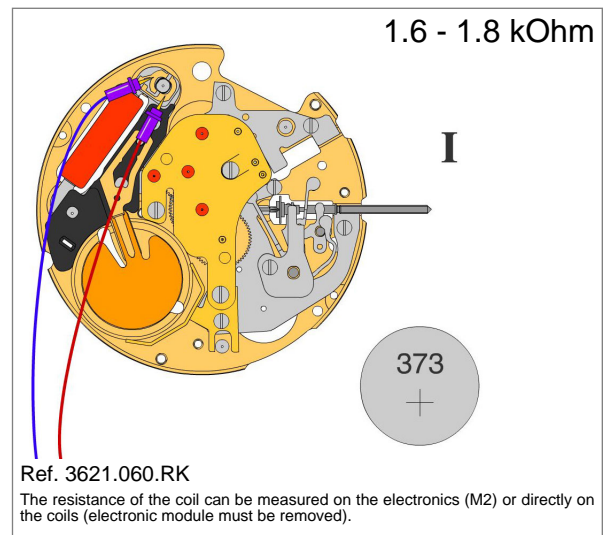
#### Lowest voltage for movement



#### Accuracy (seconds / month)

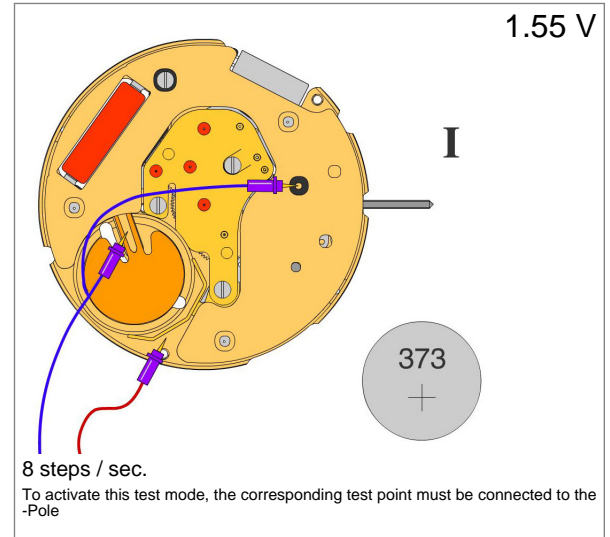
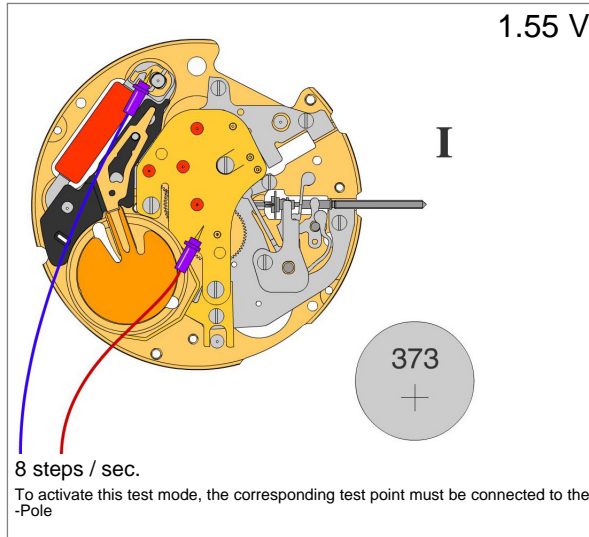


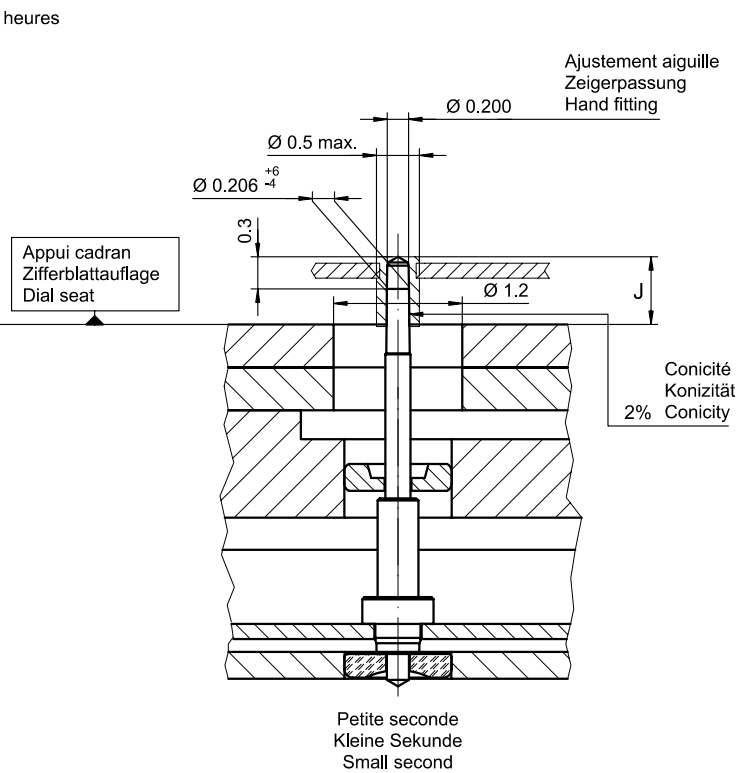
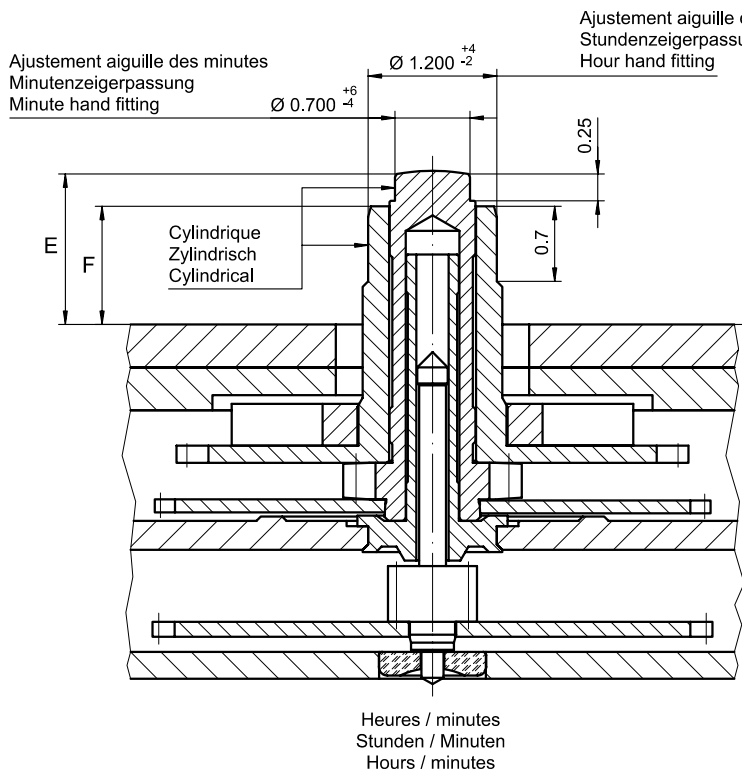
#### Resistance of the coil



## Electrical checking

### Accelerated test of movement





Aiguillages Zeigerwerkhöhe Hand fitting height			
Dépassement Höhe über Zifferblattauflage Height over dial seat			
	Chaussée Minutenrohr Cannon-pinion	Roue des heures Stundenrad Hour wheel	Petite seconde Kleine Sekunde Small second
No	E	F	J
1	1.40	1.10	0.65
2	1.60	1.30	0.88

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 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	Epaisseur des aiguilles Zeigerdicke Hands thickness
1	1.00	0.70	0.40	0.15
2	1.20	0.90	0.65	0.15

	Aig. des minutes Minutenzeiger Minute hand	Aig. des heures Stundenzeiger Hour hand	Aig. petite secondes Kleine Sekundenzeiger Small second 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.	30	30	10	Masse / Masse / Weight *
µNm max.	0.60	0.60	0.05	Balourd / Unwucht / Unbalance *
gmm <sup>2</sup> max.	-	-	0.7	Inertie / Massenträgheit / Inertia *
N max.	40	40	30	Force de chassage / Aufpresskraft / Force

Sous réserve de toutes modifications

Aenderungen vorbehalten

All modifications reserved

<b>Aiguillages Zeigerwerkhöhen Hand fitting heights</b>	11½"	
	Issued	02 Sep 2005 fl
	Modified	02.08.2010 ÄÄ 2120 dh
	Released	Yes
	Tolerance	µm
Scale	20 : 1 (A3H)	
Sous réserve de modifications Aenderungen vorbehalten Modifications reserved		
<b>RONDA</b>	<b>6004.B</b>	No. 3316.099 06

\* 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