

Caliber 7003.N – 15"



Product Specifications

Analog quartz movement

Line xtratech

Caliber 7003.N

Size 15"

Version Swiss Made 5 Jewels / gold plated EOL

Standard battery life 52 months

Standard hand fitting height 1

Features

- Repairable metal watch movement
- Power saving mechanism with pulled out stem:
Reduction of consumption approximately 70%
- Big date with quick change

Functions

- Multifunction
- Big date
- Day Retrograde
- 3 hands

Quartz Movements

Multifunctions

RONDA xtratech

Caliber 7003.N – 15'''

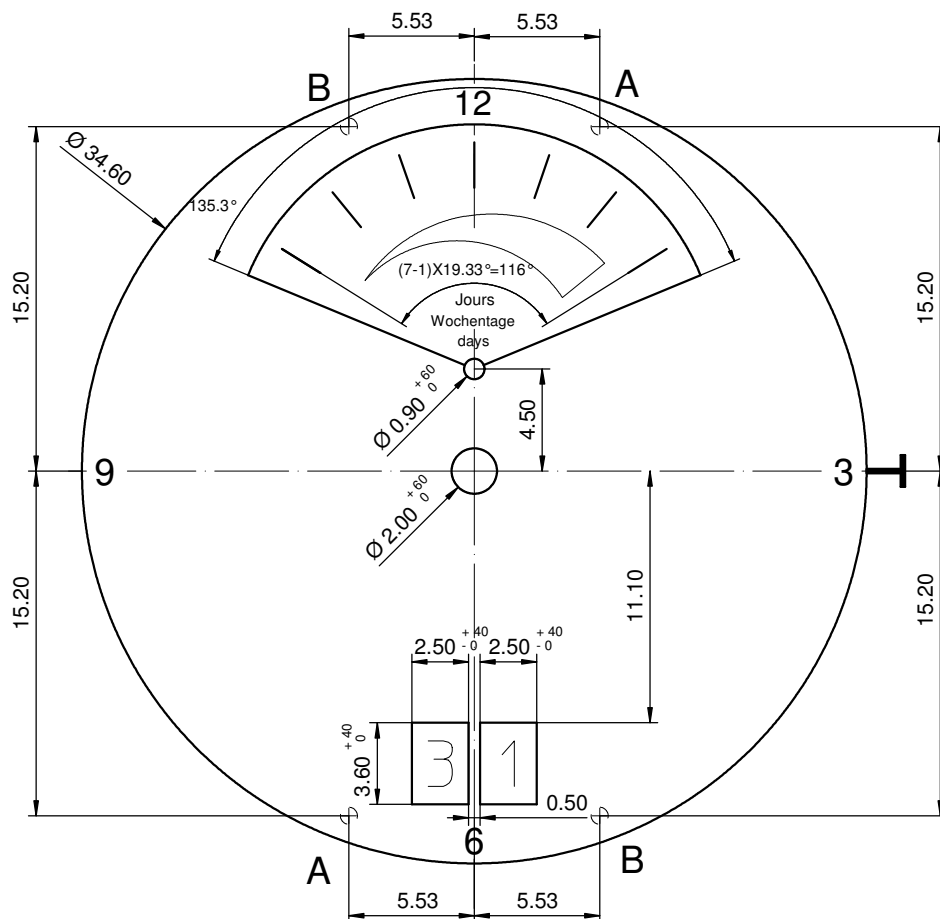
Technical Specifications

Diameter Total	34.60 mm
Case fitting	33.80 mm
Movement height	5.60 mm
Height over standard battery	5.60 mm
Movement rest	0.60 mm
Height over stem	3.30 mm
Length of stem travel	1.00 mm
Stem thread	0.90 mm
Useful torque second – typical	10 μ Nm
Useful torque minute – typical	500 μ Nm
Operating temperature	0 - 50 °C
Instantaneous rate	-10/ +20 sec/month
Resistance to magnetic fields	18.8 Oe
Resistance against shock	NIHS 91-10

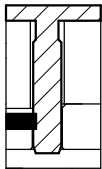
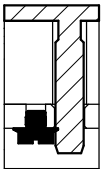


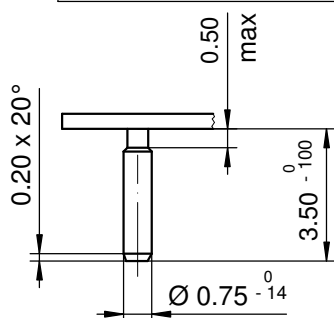
Battery Specifications

Standard battery	No. 381
Standard battery life	52 months
Battery voltage	1.5 V
Current consumption – typical	1.32 μ A (Date Mechanism not in Gear)
Current consumption – maximum	3.1 μ A (Date Mechanism not in Gear)





Disponibiles positions pour pieds de cadran / Available dial feet positions / Verfügbare Zifferblatffusspositionen

A Pos 1h / 7h	B Pos 5h / 11h
 <p>Fixation du cadran avec rondelle en plastique Dial fixation by plastic disc Zifferblattbefestigung durch Kunststoffscheibe</p>	 <p>Fixation du cadran avec clef de cadran Dial fixation by dial - key Zifferblattbefestigung durch Zifferblattschlüssel</p>



Epaisseur du cadran selon hauteur de l'aiguillage
Zifferblattdicke gemäss Zeigerwerkhöhen
Dial thickness according to hand fitting heights

Tige	Date	Jour
Stellw.	Datum	Tag
Stem	Date	Day
3H	6H	12H
		

Cadran
Zifferblatt
Dial

15'''

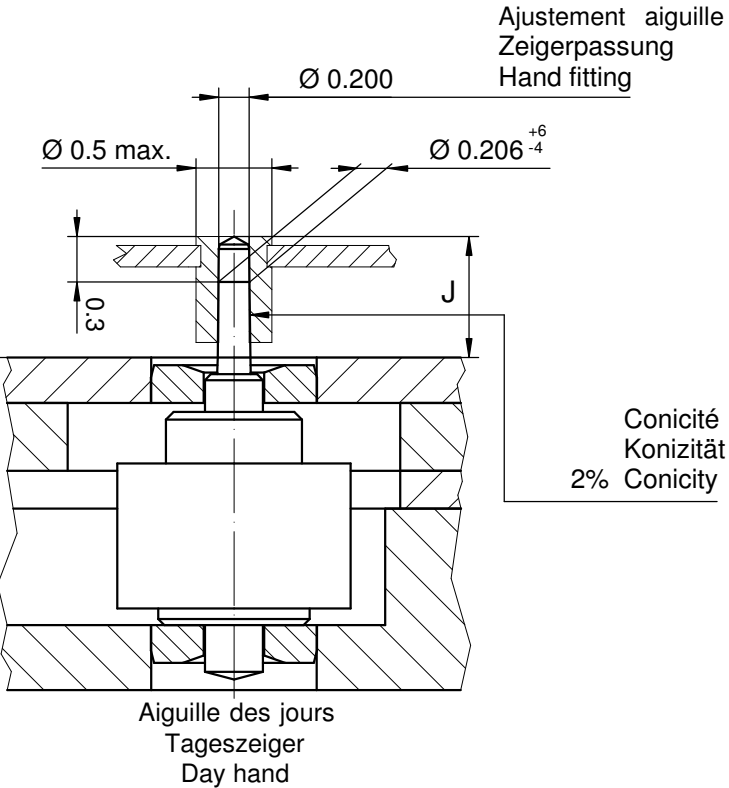
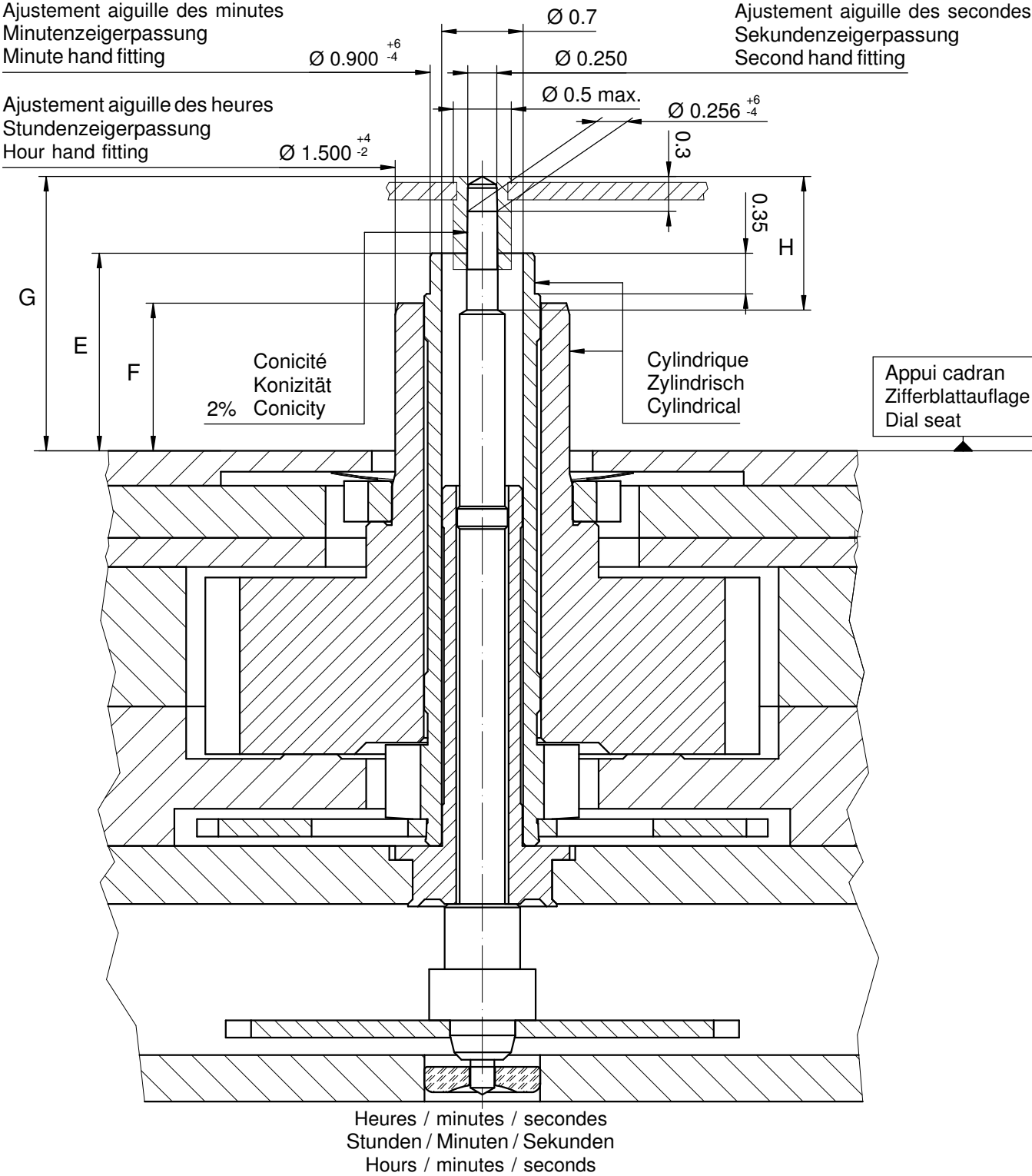
Issued	13 Dez 2006	cw
Modified	26 Nov 2012 ÄÄ 10475	dh
Released	YES	
Tolerance	+/- 20 µm	
Scale	3 : 1 (A4V)	

RONDA

7003.N

Sous réserve de modifications
Änderungenvorbehalten
Modifications reserved

No. 5010.758 02



Aiguillages Zeigerwerkhöhe Hand fitting height					
Dépassement Höhe über Zifferblattaufgabe Height over dial seat					
No	Pignon des secondes Sekundentrieb Second pinion	Chaussée Minutenrohr Cannon-pinion	Roue des heures Stundenrad Hour wheel		Pignon des jours rétrograde Tagesanzeigetrieb retrograd Day pinion retrograde
	G	E	F	H	J
1	2.36	1.70	1.27	1.15	0.80
-					

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 Unter Sekundenzeiger Under 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 des jours rétrograde Unter Tageszeiger retrograd Under Day hand retrograde	Epaisseur des aiguilles Zeigerdicke Hands thickness	
1	1.85	1.30	0.85	0.40		0.15
-						

		Aig. des secondes Sekundenzeiger Second hand	Aig. des minutes Minutenzeiger Minute hand	Aig. des heures Stundenzeiger Hour hand	Aig. des jours rétrograde Tagesanzeiger retrograd Day hand retrograde	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	Masse / Masse / Weight *
µNm	max.	0.08	0.70	0.70	0.40	Balourd / Unwucht / Unbalance *
gmm ²	max.	0.6	-	-	1.0	Inertie / Massenträgheit / Inertia *
N	max.	30	40	40	30	Force de chassage / Aufpresskraft / Force

Sous réserve de toutes modifications		Änderungen vorbehalten		All modifications reserved		
Aiguillages Zeigerwerkhöhen Hand fitting heights		15'''		Issued	22 Aug 2007	dh
				Modified	27.10.2011 ÄA 11646	dh
				Released	YES	
				Tolerance	µm	
				Scale	20:1 (A3H)	
RONDA	7003.L, 7003.N	Sous réserve de modifications Änderungen vorbehalten Modifications reserved				
		No.	3316.104	03		

* 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



Tige de travail (intégrée dans le mouvement)
Arbeitsstellwelle (im Werk eingebaut)
Working stem (implemented in the movement)

No. d'article Artikelnummer Part number	L	L1	L2	L3	S	D
3000.194.CO	21.30	10.74	27.64	10.15	0.90	1.10



Couleur de la couronne Kronenfarbe Crown color	violet violett purple
Code	UN 5046

Tige (normale) / Stellwelle (normal) / Stem (normal)

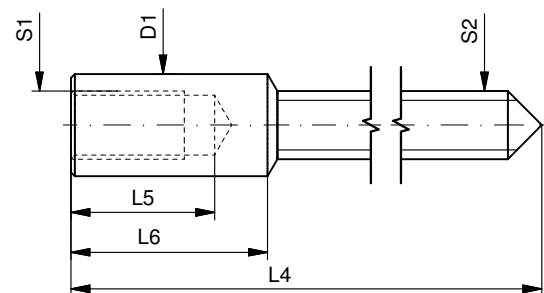
No. d'article Artikelnummer Part number	L	L1	L2	L3	S	D
3000.194	21.30	10.74	27.64	10.15	0.90	1.10



Couronne vissée Geschraubte Krone Screwed crown	
Force ⇐ min. Kraft ⇐ min. Force ⇐ min.	10 N
Force ⇐ max. Kraft ⇐ max. Force ⇐ max.	15 N

Rallonge de tige / Stellwelle Verlängerung / Stem extension

No. d'article Artikelnummer Part number	L4	L5 (min)	L6	S1	S2	D1
3000.040	12.00	1.90	2.60	0.90	0.90	1.35



Tige (dimensions / forces)
Stellwelle (Dimensionen / Kräfte)
Stem (dimensions / forces)

RONDA

7002.B, 7003.B, 7003.L, 7003.N,
7004.B, 7004.N, 7004.P

Issued	06 Sep 2012	ds5222
Modified	17 Mär 2017 ÄA 34582	mg5224
Released	YES	
Tolerance	---	
Scale	10:1 (A3)	
Sous réserve de modifications Änderungen vorbehalten Modifications reserved		
No.	5030.022	02



Movement holder
Removing setting stem
H7XXX.1T



Movement holder
Setting hands
H7XXX.1A

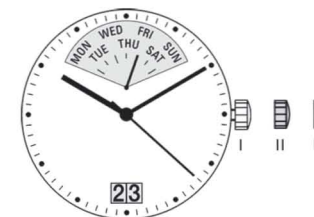
Fitting dial and hands

- Crown in position III
- Wind hour hand forwards, until Sunday appears in retrograde window
- Crown in position II
- Wind crown until date 02 appears
- Crown in position III
- Wind hour hand forwards, until date changes to 03
- Remove working hand
- Fit dial
- Set retrograde hand on Sunday
- Point remaining hands towards 12 o'clock
- Wind time forwards, in order to set actual weekday
- Set time
- Crown in position II
- Set date
- Crown in position I

Date switching duration

First and tenth digit discs
Weekday

~2hrs
~1½hrs



General Instructions

Removing the setting stem can only be effected in Pos. I.

The use of supporting screws is essential when mounting the hands.

Permitted hand setting strengths:

Hr / min. hands: <40N

Other hands: <30N

During quick date correction (setting stem in position II), a date switching speed of 5 d/s must not be exceeded.

User's Manual English
Movements Caliber

RONDA powertech

- 585
- 505
- 515

RONDA normtech

- 774 - 6003.D
- 775 - 6004.D
- 704
- 705
- 784
- 785
- 714
- 715
- 715Li

RONDA slimtech

- 1005
- 1006
- 1009
- 1015
- 1016
- 1019

RONDA xtratech

- 6003.B
- 6004.B
- 7002.B
- 7003.B
- 7004.B

You have decided to buy a watch, which was assembled by a watchmaker using a Ronda movement. Please note that no watches are produced or distributed under the Ronda brand.

In case of repairs, guarantee claims and questions concerning the functioning of a watch, purchasers and consumers should contact their retailer or the watch manufacturer, for which the relevant information can be found in the sales or guarantee documentation provided with the watch.

Cal. 585 / 785:
Battery type: 362/SR721SW

Cal. 774 / 775 / 784:
Battery type: 364/SR621SW

Cal. 505 / 515 / 704 / 705 / 714 / 715:
Battery type: 371/SR920SW

Cal. 6003.D / 6004.D / 6003.B / 6004.B:
Battery type: 373/SR916SW

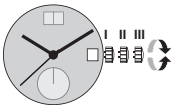
Cal. 1005 / 1006 / 1009 / 1015 / 1016 / 1019:
Battery type: 341/SR714SW

Cal. 7002.B / 7003.B / 7004.B:
Battery type: 381/SR1120SW

Cal. 715Li:
Battery type: CR 2016

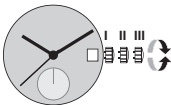
Precision: +20/-10 seconds per month

Cal. 585	Cal. 6003.D
Cal. 505	Cal. 6004.D
Cal. 515	Cal. 6003.B
	Cal. 6004.B



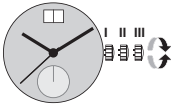
- Pos. I Position of rest (watch running)**
- Pos. II Quick-change correction for date**
The date can also be corrected during the day-changing phase between 10 pm and midnight. The date of the following day has to be set, because no automatic date change takes place at midnight.
- Pull the crown out to position II (watch still running).
 - Turn the crown clockwise until the required date appears.
Cal. 6003.D & 6004.D:
 - Turn the crown until the required date appears.
 - Push the crown back into position I.
- Pos. III Setting the time**
- Pull the crown out to position III (watch stopped).
 - Turn the crown, until the current time is displayed (remember the 24-hour cycle).
 - Push the crown back into position I.

Cal. 774	Cal. 715Li
Cal. 775	
Cal. 704	Cal. 1005
Cal. 705	Cal. 1006
Cal. 784	Cal. 1009
Cal. 785	Cal. 1015
Cal. 714	Cal. 1016
Cal. 715	Cal. 1019

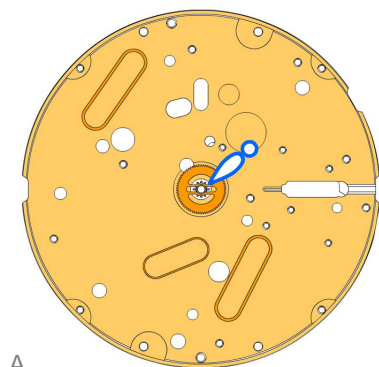


- Pos. I Position of rest (watch running)**
- Pos. II Quick-change correction for date**
Blocking time for the quick-change day correction is from approx. 9.30 pm and midnight.
- Pull the crown out to position II (watch still running).
 - Turn the crown until the current date appears.
 - Push the crown back into position I.
- Pos. III Setting the time**
- Pull the crown out to position III (watch stopped).
 - Turn the crown, until the current time is displayed (remember the 24-hour cycle).
 - Push the crown back into position I.

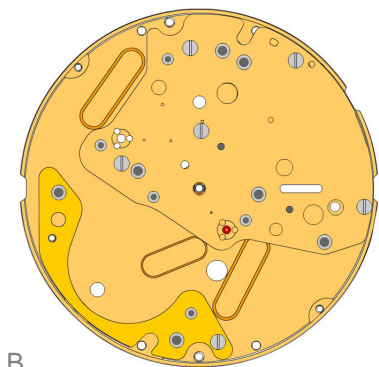
Cal. 7002.B
Cal. 7003.B
Cal. 7004.B



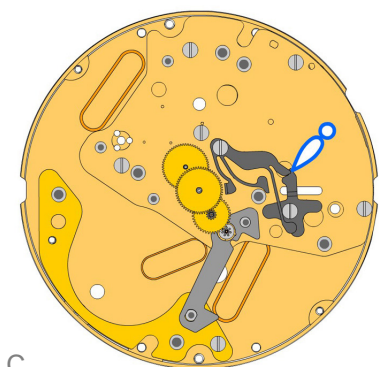
- Pos. I Position of rest (watch running)**
- Pos. II Quick-change correction for date**
The date can also be changed during the day-changing phase between approx. 8.00 pm and midnight. The date of the following day has to be set, because no automatic date change takes place at midnight.
- Pull the crown out to position II (watch still running).
 - Turn the crown until the current date appears.
 - Push the crown back into position I.
- Pos. III Setting the time**
- Pull the crown out to position III (watch stopped).
 - Turn the crown, until the current time is displayed (remember the 24-hour cycle).
 - Push the crown back into position I.



A



B



C

2000.669.G

1.



Main Plate

3305.362.CO

2.



Cannon pinion with driver (Aig.1)

2030.027.CO

3.



Centre bridge

Centre bridge held by 5 screws 4000.250.

4000.250

4.



Screw

2130.181.CO

5.



Combined maintaining plate

Combined maintaining plate held by 1 screw 4000.250.

4000.250

6.



Screw

3016.028

7.



Lever for setting lever

Lever for setting lever held by 1 screw 4000.249.

4000.249

8.



Screw

3016.027

9.



Stop lever

Stop lever held by 1 screw 4000.249.

4000.249

10.



Screw

3622.044

11.



Stator

3715.105.RK

12.



Rotor

3147.060.CO

13.



Intermediate wheel

3122.070.CO

14.



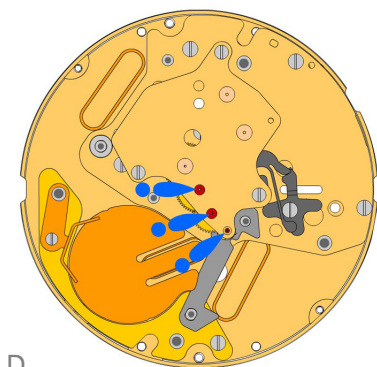
Third wheel

3136.177.CO

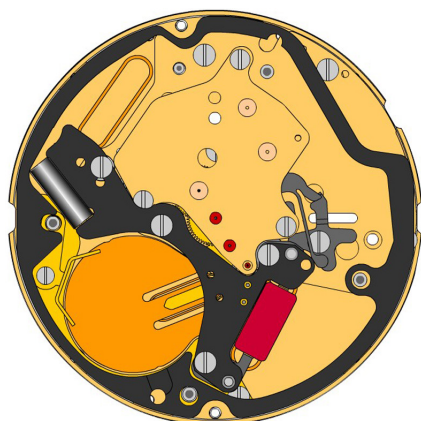
15.



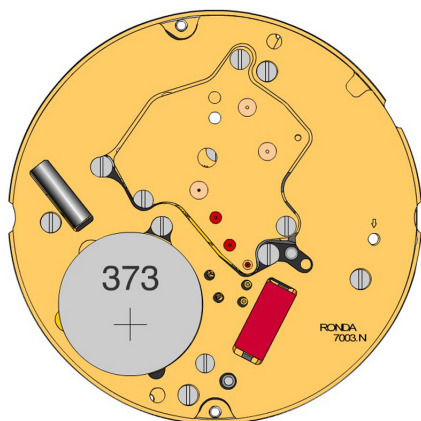
Centre second wheel (Aig.1)




D



E




F

2020.169.G
16.  **Train wheel bridge**
Train wheel bridge held by 3 screws 4000.244.

4000.244
17.  **Screws**

3603.080
18.  **Battery insulator**

3601.120.G
19.  **Battery clamp +**
Battery clamp held by 1 screw 4000.248.

4000.248
20.  **Screw**

3503.071
21.  **Tube**

3612.195
22.  **Electronic module**
Electronic module held by 4 screws 4000.250.

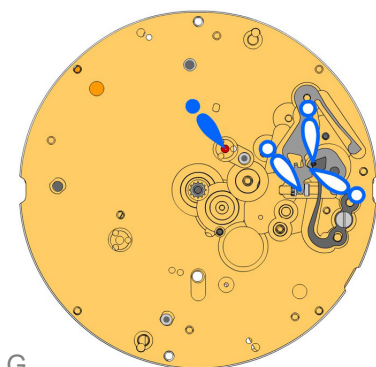
4000.250
23.  **Screw**

3603.081
24.  **Spacer**

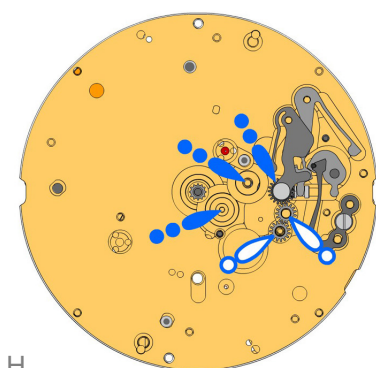
2130.182.G.M01.7003N
25.  **Electronic module cover**
Electronic module cover held by 4 screws 4000.244.

4000.244
26.  **Screws**

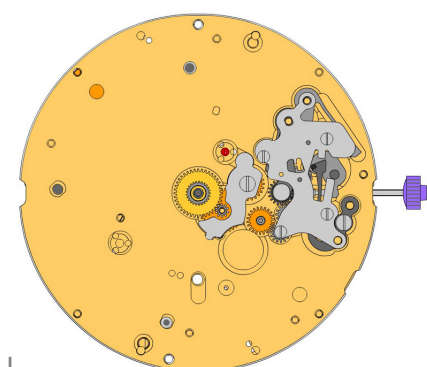
3600.032.HGF
27.  **Battery 381**














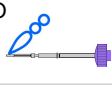






G

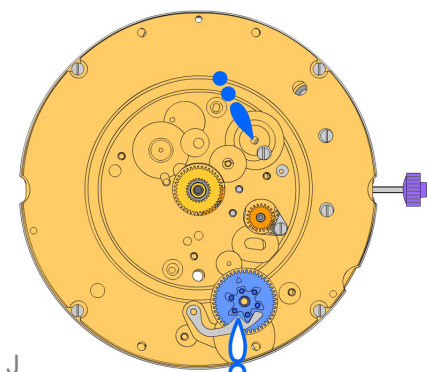


H

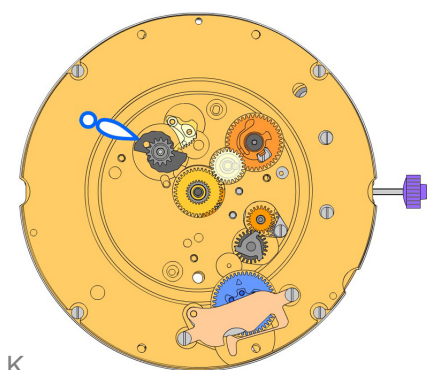


I

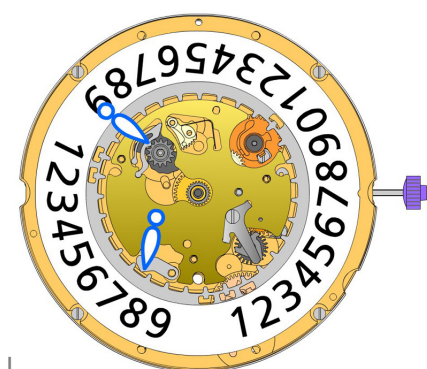
2000.669.G 28.		Main Plate
3017.054.CO 29.		Setting lever
3905.063 30.		Setting lever jumper (3 positions) The setting lever jumper must be tensioned and inserted into the setting lever. Use one screw 4000.282. Use Moebius 8200 to grease.
4000.282 31.		Screw
3001.046 32.		Sliding pinion
3015.077 33.		Yoke (3 positions) Tensioning the spring arm.
3004.200 34.		Corrector setting wheel Use Moebius 8200 on both setting wheels.
3004.200 35.		Corrector setting wheel Use Moebius 8200 on both setting wheels.
3015.078.CO 36.		Rocking bar (3 positions) Tensioning the spring arm.
2130.194 37.		Setting mechanism cover Use 4 screws 4000.305
4000.305 38.		4 Screws
3000.194.CO 39.		Setting stem Prior to the insertion of the stem, some grease must be placed on the square part of the stem.
3004.204 40.		Intermediate setting wheel Use moebius 9020.
3007.079.CO 41.		Minute wheel Use moebius 9020.
2130.185 42.		Minute train bridge Insert the minute train bridge in the main plate and fix it with 1 screw 4000.278.
4000.278 43.		Screw
3301.296.CO 44.		Hour wheel (Aig.1) Use moebius 9020.
3147.066.CO 45.		Date corrector setting wheel



J



K



L

2000.672.G
46.



Main plate retro (12h)
Main plate retro held by 4 screws 4000.248.

4000.248
47.



Screw

3004.209
48.



Tens indicator driving wheel
The short tooth of the tens indicator driving wheel must point to the center of the movement. Parts 3004.209 and 3500.073 must be exchanged together.

3500.073
49.



Tens jumper
Parts 3004.209 and 3500.073 must be exchanged together.

2130.187
50.



Tens jumper maintaining plate
Tens jumper maintaining plate held by 2 screws 4000.279. Tensioning the spring arm.

4000.279
51.



Screw

3004.208.CO
52.



Date indicator driving wheel

3147.061
53.



Intermediate date wheel

3404.006.CO
54.



Day cam (12h)
Place parts as shown on graphics.

3406.032
55.



Day rack

3406.031
56.



Day rack lever

3507.059.CO
57.



Date corrector wheel

2130.191
58.



Date indicator plate (12h)

3905.068
59.



Date corrector spring
Date corrector spring held by 1 screw 4000.244.

3905.066
60.



Day rack lever spring
Tensioning the spring arm.

3500.069
61.



Day jumper
Tensioning the spring arm.

3500.068
62.

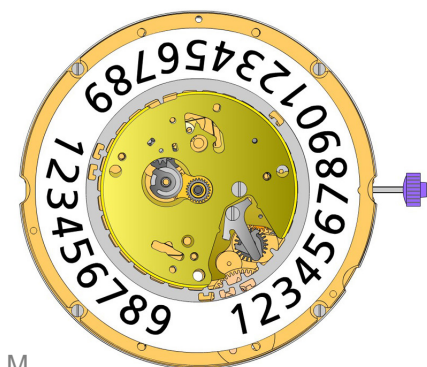


Date jumper

3504.234.AD.1.A
63.



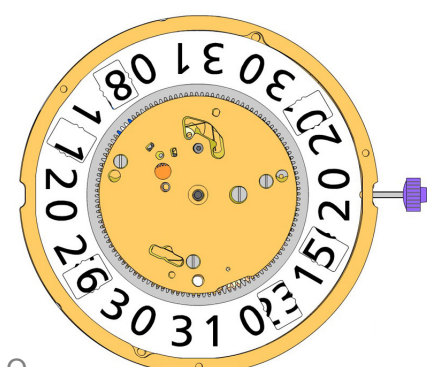
Units indicator (standard)
Nick of the indicator at 3 o'clock.








M












N







O

2130.192 64.		Date maintaining plate (12) Date maintaining plate held by 1 screw 4000.250.
4000.250 65.		Screw
3905.064 66.		Date jumper spring Insert the date jumper spring in the provided opening.
3907.047 67.		Day finger flange Stem pos III: Turn crown forwards until the date jumps. Stem pos II: Move the date until the nick is at 3 o'clock.
3004.211 68.		Day finger Position the end of the teeth against the day came pinion while turning softly in counterclockwise direction.

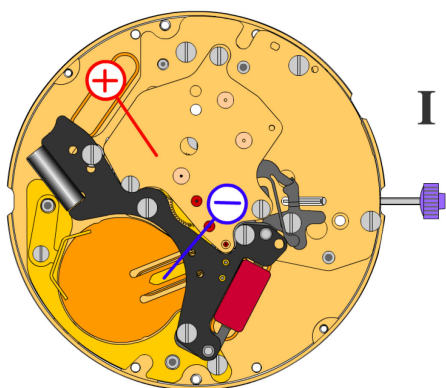
3004.212 69.		Days driving wheel Insert the tooth of the wheel in the flange gap, while turning softly in counterclockwise direction to ensure correct position of the day finger.
3401.082.FI 70.		Day indicator pinion
3147.062 71.		Tens intermediate wheel Arrow positioning radially outwards.
3315.003 72.		Friction spring
3504.231.AD.1.A 73.		Tens indicator (standard) Nick of the indicator at 3 o'clock.

2130.193.G 74.		Date mechanism maintaining plate (12h) Date mechanism maintaining plate held by 3 screws 4000.320.
4000.320 75.		Screw
3506.077.G 76.		Intermediate dial support Polished version first.
3506.076.G 77.		Dial support

8200 78.		Moebius 8200
9014 79.		Moebius 9014
124 80.		Jismaa 124
9020 81.		Moebius 9020

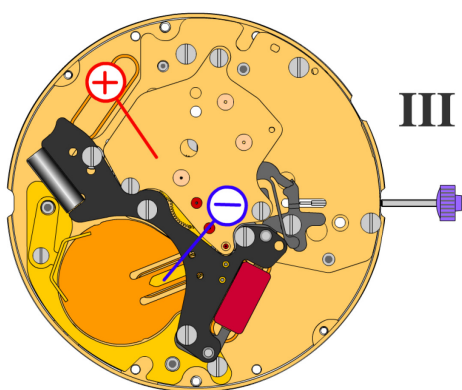


Battery	381
Voltage	1.55 V



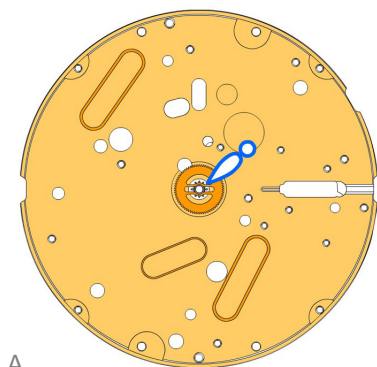
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

Typical consumption	1.32 μA
Maximal consumption	3.10 μA
Rate	-10s/M. .. +20s/M.
Lower working voltage limit	1.20 V

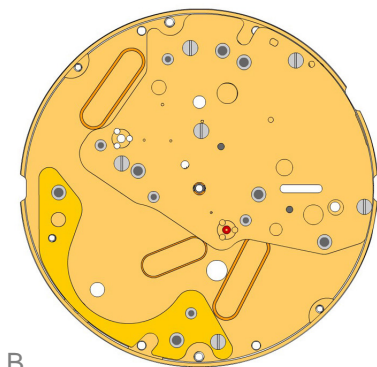


Setting stem in position III, 60 s measuring interval:

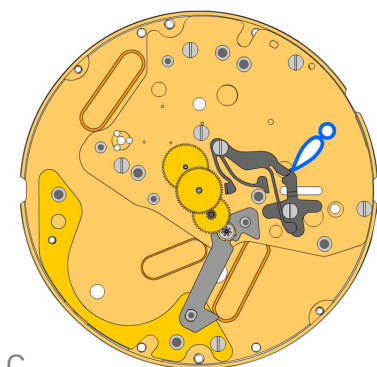
Typical consumption	0.10 μA
Maximal consumption	0.30 μA



A



B



C

2000.669.G

1.



Main Plate

3305.362.CO

2.



Cannon pinion with driver (Aig.1)

2030.027.CO

3.



Centre bridge

Centre bridge held by 5 screws 4000.250.

4000.250

4.



Screw

2130.181.CO

5.



Combined maintaining plate

Combined maintaining plate held by 1 screw 4000.250.

4000.250

6.



Screw

3016.028

7.



Lever for setting lever

Lever for setting lever held by 1 screw 4000.249.

4000.249

8.



Screw

3016.027

9.



Stop lever

Stop lever held by 1 screw 4000.249.

4000.249

10.



Screw

3622.044

11.



Stator

3715.105.RK

12.



Rotor

3147.060.CO

13.



Intermediate wheel

3122.070.CO

14.



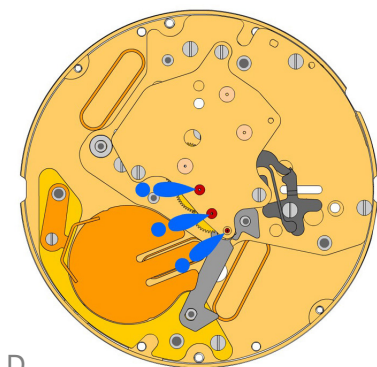
Third wheel

3136.177.CO

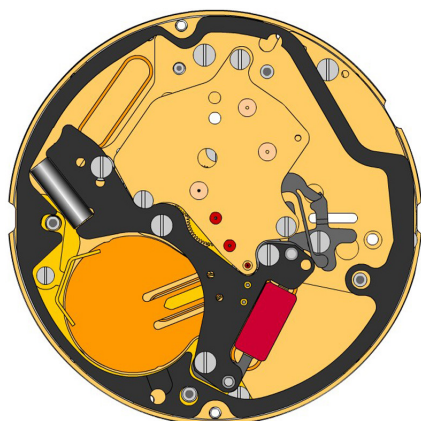
15.



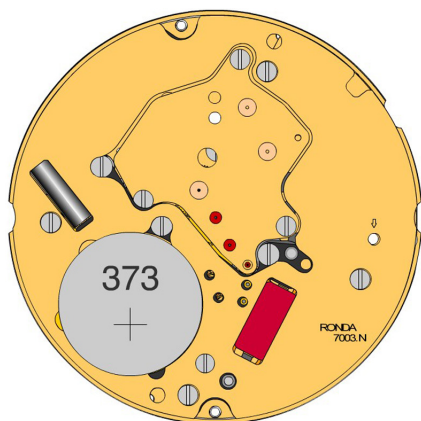
Centre second wheel (Aig.1)




D



E




F

2020.169.G
16.  **Train wheel bridge**
Train wheel bridge held by 3 screws 4000.244.

4000.244
17.  **Screws**

3603.080
18.  **Battery insulator**

3601.120.G
19.  **Battery clamp +**
Battery clamp held by 1 screw 4000.248.

4000.248
20.  **Screw**

3503.071
21.  **Tube**

3612.195
22.  **Electronic module**
Electronic module held by 4 screws 4000.250.

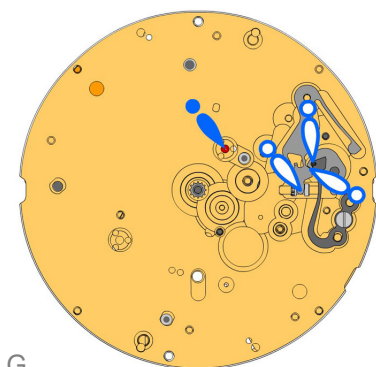
4000.250
23.  **Screw**

3603.081
24.  **Spacer**

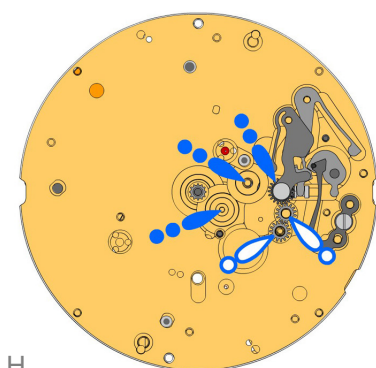
2130.182.G.M01.7003N
25.  **Electronic module cover**
Electronic module cover held by 4 screws 4000.244.

4000.244
26.  **Screws**

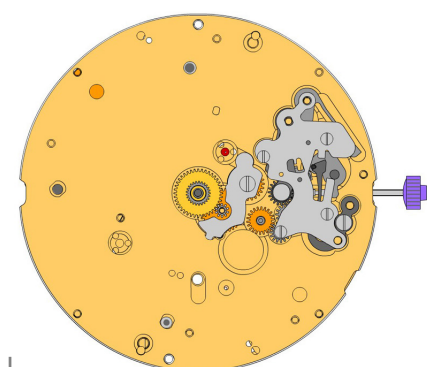
3600.032.HGF
27.  **Battery 381**





















G

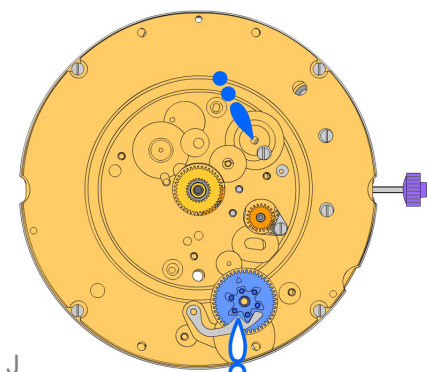


H

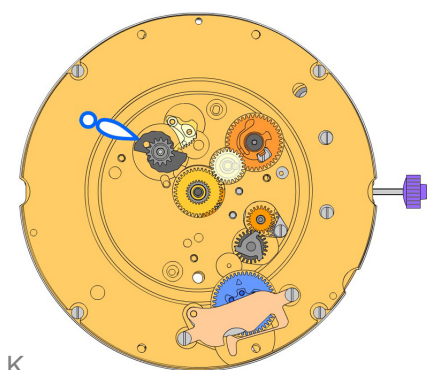


I

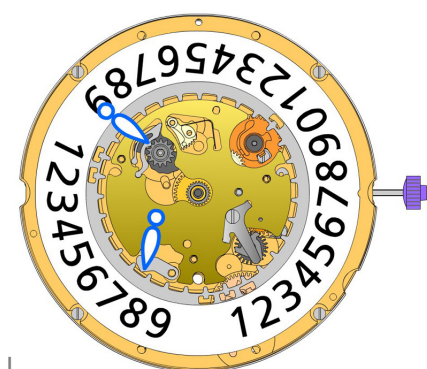
2000.669.G 28.		Main Plate
3017.054.CO 29.		Setting lever
3905.063 30.		Setting lever jumper (3 positions) Setting lever jumper held by 1 screw 4000.282. Tensioning the spring arm.
4000.282 31.		Screw
3001.046 32.		Sliding pinion
3015.077 33.		Yoke (3 positions) Tensioning the spring arm.
3004.200 34.		Corrector setting wheel
3004.200 35.		Corrector setting wheel
3015.078.CO 36.		Rocking bar (3 positions) Tensioning the spring arm.
2130.194 37.		Setting mechanism cover Use 4 screws 4000.305
4000.305 38.		4 Screws
3000.194.CO 39.		Setting stem
3004.204 40.		Intermediate setting wheel
3007.079.CO 41.		Minute wheel
2130.185 42.		Minute train bridge Minute train bridge held by 1 screw 4000.278.
4000.278 43.		Screw
3301.296.CO 44.		Hour wheel (Aig.1)
3147.066.CO 45.		Date corrector setting wheel







J

















K

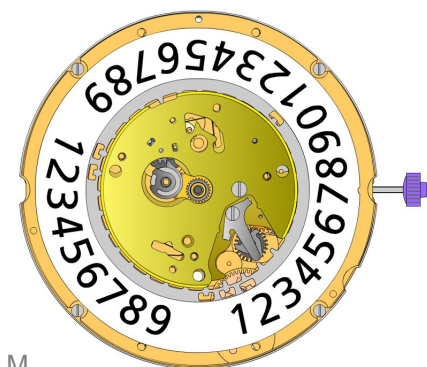


L

2000.672.G 46.		Main plate retro (12h) Main plate retro held by 4 screws 4000.248.
4000.248 47.		Screw
3004.220 48.		Tens indicator driving wheel The short tooth of the tens indicator driving wheel must point to the center of the movement.
3500.072 49.		Tens jumper

2130.187 50.		Tens jumper maintaining plate Tens jumper maintaining plate held by 2 screws 4000.279. Tensioning the spring arm.
4000.279 51.		Screw
3004.208.CO 52.		Date indicator driving wheel
3147.061 53.		Intermediate date wheel
3404.006.CO 54.		Day cam (12h) Place parts as shown on graphics.
3406.032 55.		Day rack
3406.031 56.		Day rack lever
3507.059.CO 57.		Date corrector wheel

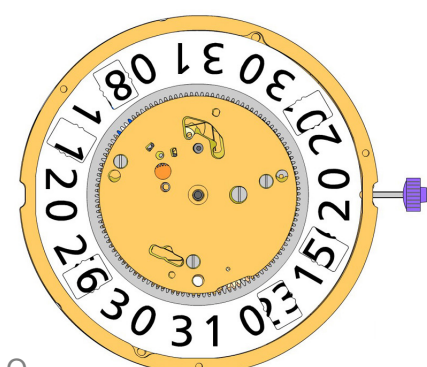
2130.191 58.		Date indicator plate (12h)
3905.068 59.		Date corrector spring Date corrector spring held by 1 screw 4000.244.
3905.066 60.		Day rack lever spring Tensioning the spring arm.
3500.069 61.		Day jumper Tensioning the spring arm.
3500.068 62.		Date jumper
3504.234.AD.1.A 63.		Units indicator (standard) Nick of the indicator at 3 o'clock.








M












N







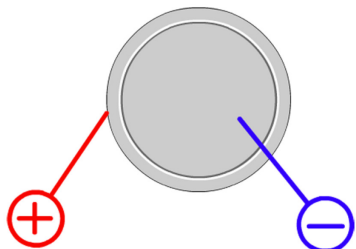
O

2130.192 64.		Date maintaining plate (12) Date maintaining plate held by 1 screw 4000.250.
4000.250 65.		Screw
3905.064 66.		Date jumper spring Insert the date jumper spring in the provided opening.
3907.047 67.		Day finger flange Stem pos III: Turn crown forwards until the date jumps. Stem pos II: Move the date until the nick is at 3 o'clock.
3004.211 68.		Day finger Position the end of the teeth against the day came pinion while turning softly in counterclockwise direction.

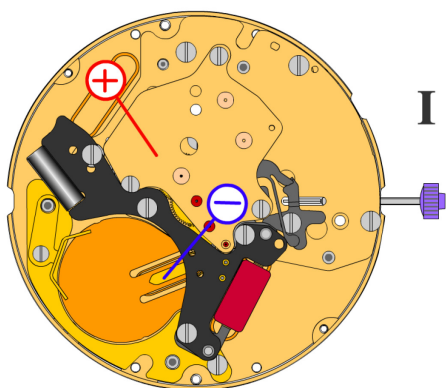
3004.212 69.		Days driving wheel Insert the tooth of the wheel in the flange gap, while turning softly in counterclockwise direction to ensure correct position of the day finger.
3401.082.FI 70.		Day indicator pinion
3147.062 71.		Tens intermediate wheel Arrow positioning radially outwards.
3315.003 72.		Friction spring
3504.231.AD.1.A 73.		Tens indicator (standard) Nick of the indicator at 3 o'clock.

2130.193.G 74.		Date mechanism maintaining plate (12h) Date mechanism maintaining plate held by 3 screws 4000.320.
4000.320 75.		Screw
3506.077.G 76.		Intermediate dial support Polished version first.
3506.076.G 77.		Dial support

8200 78.		Moebius 8200
9014 79.		Moebius 9014
124 80.		Jismaa 124
9020 81.		Moebius 9020

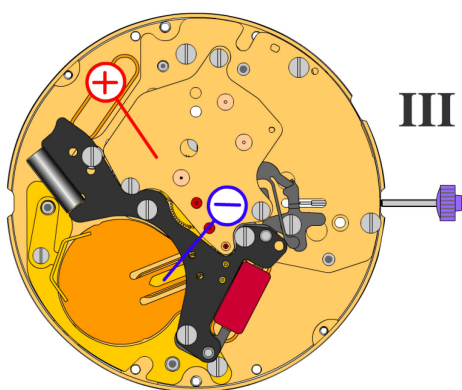


Battery	381
Voltage	1.55 V



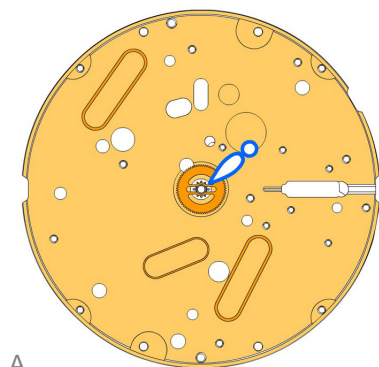
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

Typical consumption	1.32 μA
Maximal consumption	3.10 μA
Rate	-10s/M. .. +20s/M.
Lower working voltage limit	1.20 V

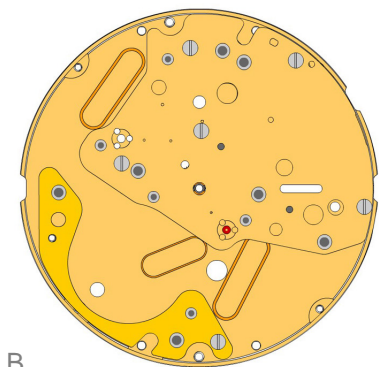


Setting stem in position III, 60 s measuring interval:

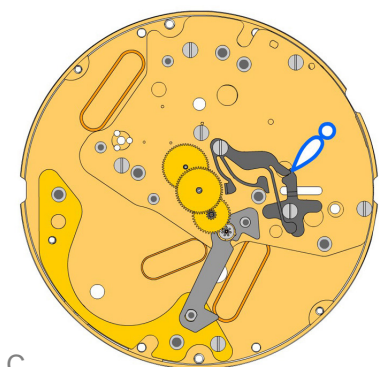
Typical consumption	0.10 μA
Maximal consumption	0.30 μA


















A

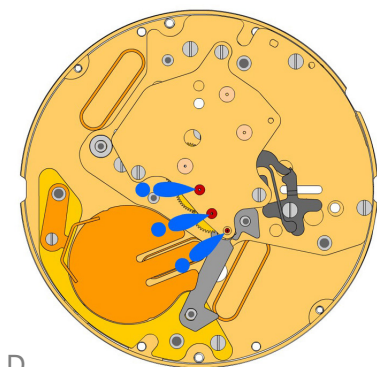


B

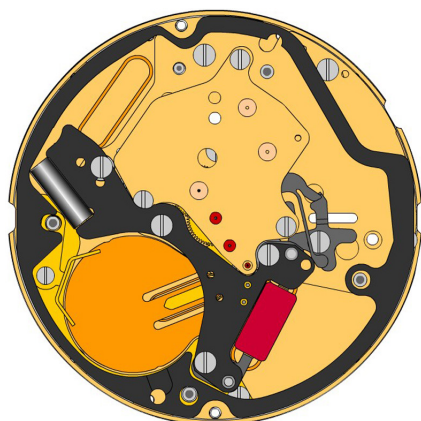


C

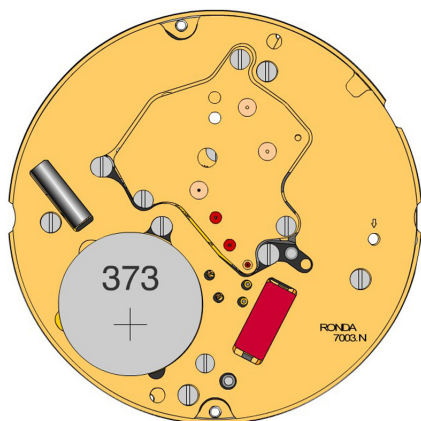
2000.669.G 1.		Main Plate
3305.362.CO 2.		Cannon pinion with driver (Aig.1)
2030.027.CO 3.		Centre bridge Centre bridge held by 5 screws 4000.250.
4000.250 4.		Screw
2130.181.CO 5.		Combined maintaining plate Combined maintaining plate held by 1 screw 4000.250.
4000.250 6.		Screw
3016.028 7.		Lever for setting lever Lever for setting lever held by 1 screw 4000.249.
4000.249 8.		Screw
3016.027 9.		Stop lever Stop lever held by 1 screw 4000.249.
4000.249 10.		Screw
3622.044 11.		Stator
3715.105.RK 12.		Rotor
3147.060.CO 13.		Intermediate wheel
3122.070.CO 14.		Third wheel
3136.177.CO 15.		Centre second wheel (Aig.1)



D



E



F

2020.169.G
16.



Train wheel bridge
Train wheel bridge held by 3 screws 4000.244.

4000.244
17.



Screws

3603.080
18.



Battery insulator

3601.120.G
19.



Battery clamp +
Battery clamp held by 1 screw 4000.248.

4000.248
20.



Screw

3503.071
21.



Tube

3612.195
22.



Electronic module
Electronic module held by 4 screws 4000.250.

4000.250
23.



Screw

3603.081
24.



Spacer

2130.182.G.M01.7003N
25.



Electronic module cover
Electronic module cover held by 4 screws 4000.244.

4000.244
26.

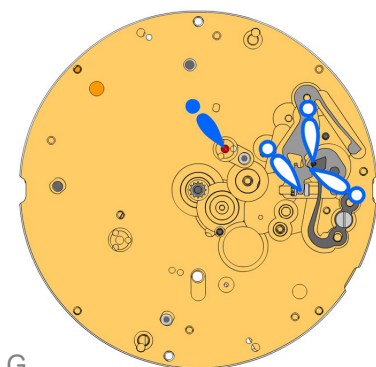


Screws

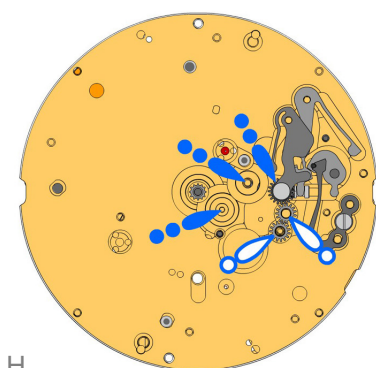
3600.032.HGF
27.



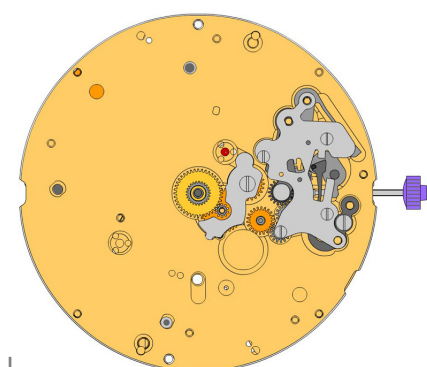
Battery 381





















G

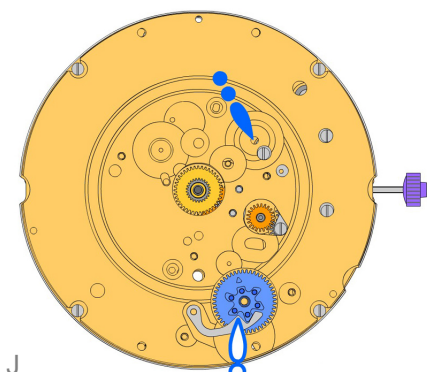


H

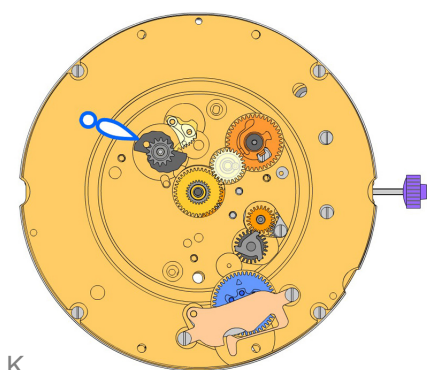


I

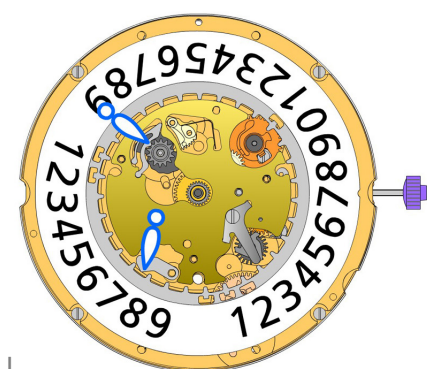
2000.669.G 28.		Main Plate
3017.054.CO 29.		Setting lever
3905.063 30.		Setting lever jumper (3 positions) The setting lever jumper must be tensioned and inserted into the setting lever. Use one screw 4000.282. Use Moebius 8200 to grease.
4000.282 31.		Screw
3001.046 32.		Sliding pinion
3015.077 33.		Yoke (3 positions) Tensioning the spring arm.
3004.200 34.		Corrector setting wheel Use Moebius 8200 on both setting wheels.
3004.200 35.		Corrector setting wheel Use Moebius 8200 on both setting wheels.
3015.078.CO 36.		Rocking bar (3 positions) Tensioning the spring arm.
2130.194 37.		Setting mechanism cover Use 4 screws 4000.305
4000.305 38.		4 Screws
3000.194.CO 39.		Setting stem Prior to the insertion of the stem, some grease must be placed on the square part of the stem.
3004.204 40.		Intermediate setting wheel Use moebius 9020.
3007.079.CO 41.		Minute wheel Use moebius 9020.
2130.185 42.		Minute train bridge Insert the minute train bridge in the main plate and fix it with 1 screw 4000.278.
4000.278 43.		Screw
3301.296.CO 44.		Hour wheel (Aig.1) Use moebius 9020.
3147.066.CO 45.		Date corrector setting wheel







J

















K

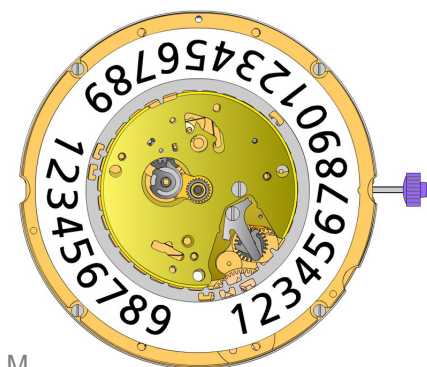


L

2000.672.G 46.		Main plate retro (12h) Main plate retro held by 4 screws 4000.248.
4000.248 47.		Screw
3004.220 48.		Tens indicator driving wheel The short tooth of the tens indicator driving wheel must point to the center of the movement.
3500.072 49.		Tens jumper

2130.187 50.		Tens jumper maintaining plate Tens jumper maintaining plate held by 2 screws 4000.279. Tensioning the spring arm.
4000.279 51.		Screw
3004.208.CO 52.		Date indicator driving wheel
3147.061 53.		Intermediate date wheel
3404.006.CO 54.		Day cam (12h) Place parts as shown on graphics.
3406.032 55.		Day rack
3406.031 56.		Day rack lever
3507.059.CO 57.		Date corrector wheel

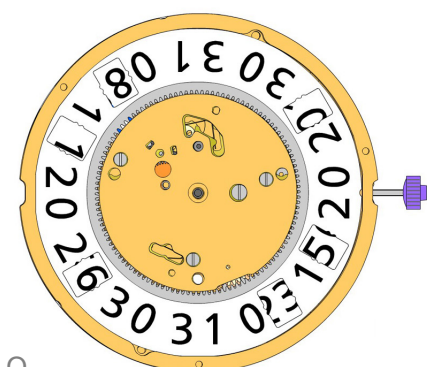
2130.191 58.		Date indicator plate (12h)
3905.068 59.		Date corrector spring Date corrector spring held by 1 screw 4000.244.
3905.066 60.		Day rack lever spring Tensioning the spring arm.
3500.069 61.		Day jumper Tensioning the spring arm.
3500.068 62.		Date jumper
3504.234.AD.1.A 63.		Units indicator (standard) Nick of the indicator at 3 o'clock.



M












N







O

2130.192 64.		Date maintaining plate (12) Date maintaining plate held by 1 screw 4000.250.
4000.250 65.		Screw
3905.064 66.		Date jumper spring Insert the date jumper spring in the provided opening.
3004.244 67.		Day finger Stem pos III: Turn crown forwards until the date jumps. Stem pos II: Move the date until the nick is at 3 o'clock. Position the end of the teeth against the day came pinion while turning softly in counterclockwise direction.

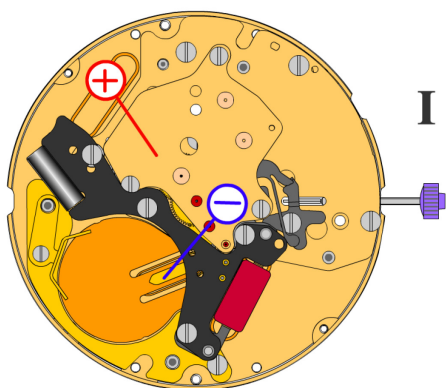
3004.212 68.		Days driving wheel Insert the tooth of the wheel in the flange gap, while turning softly in counterclockwise direction to ensure correct position of the day finger.
3401.082.FI 69.		Day indicator pinion
3147.062 70.		Tens intermediate wheel Arrow positioning radially outwards.
3315.003 71.		Friction spring
3504.231.AD.1.A 72.		Tens indicator (standard) Nick of the indicator at 3 o'clock.

2130.193.G 73.		Date mechanism maintaining plate (12h) Date mechanism maintaining plate held by 3 screws 4000.320.
4000.320 74.		Screw
3506.077.G 75.		Intermediate dial support Polished version first.
3506.076.G 76.		Dial support

8200 77.		Moebius 8200
9014 78.		Moebius 9014
124 79.		Jismaa 124
9020 80.		Moebius 9020

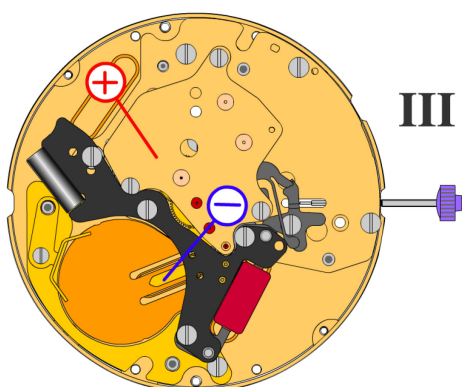


Battery	381
Voltage	1.55 V



*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

Typical consumption	1.32 μA
Maximal consumption	3.10 μA
Rate	-10s/M. .. +20s/M.
Lower working voltage limit	1.20 V



Setting stem in position III, 60 s measuring interval:

Typical consumption	0.10 μA
Maximal consumption	0.30 μA