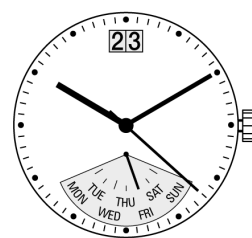


RONDA mastertech 7000

XXL Multifunctions,
Retrograde and Big Date

Caliber 7003.L – 15'''



Product Specifications

Analog quartz movement	
Line	mastertech
Caliber	7003.L
Size	15'''
Version	Swiss Made
	5 Jewels / gold plated
Standard battery life	52 months
Hand fitting height	1

Features

- Repairable metal watch movement
- Very long battery life
- Power saving mechanism with pulled out stem: Reduction of consumption approximately 70%

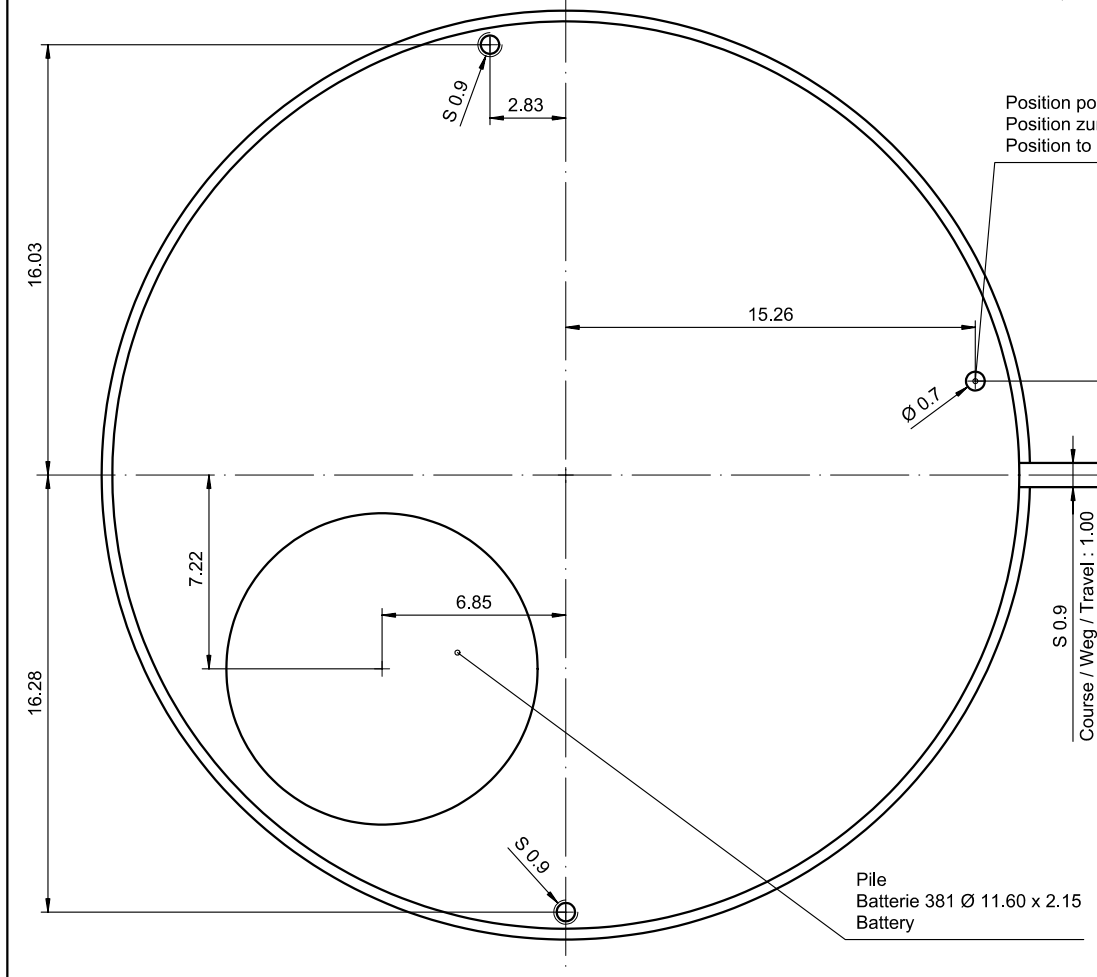
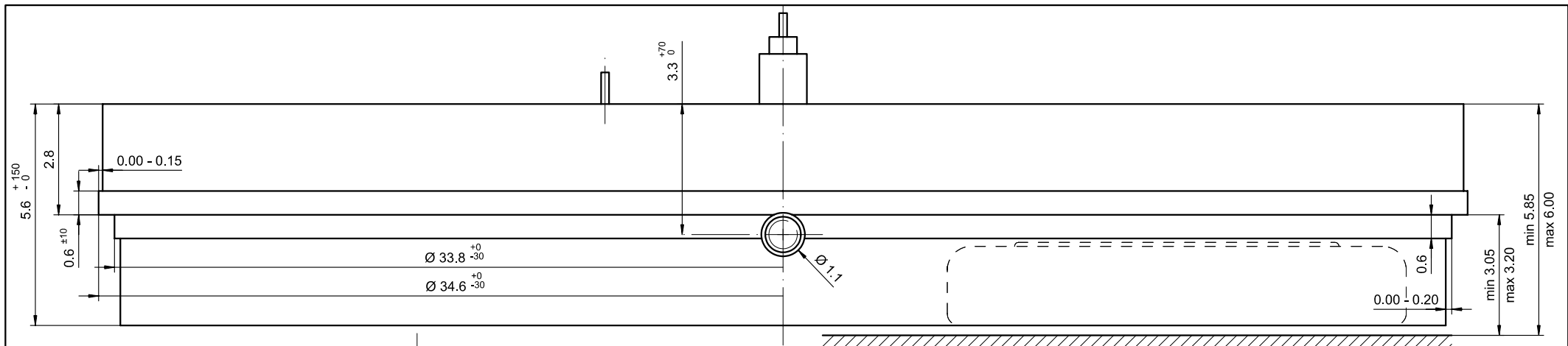
Functions

- Retrograde
- Big date
- Day Retrograde
- Day indicator

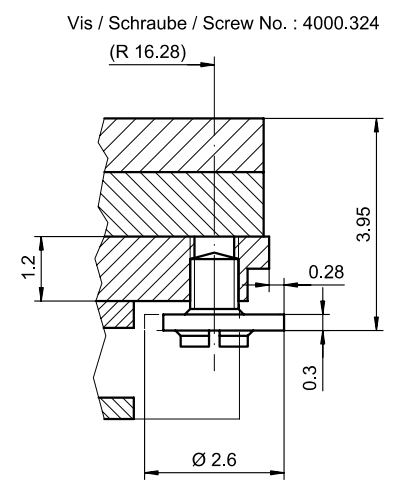
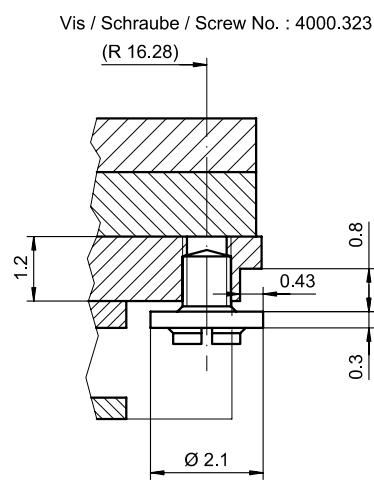
Technical Specifications

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
Force to push the stem for screwed crown	10 / 15 N
Stem thread	0.90 mm
Standard battery	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)
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





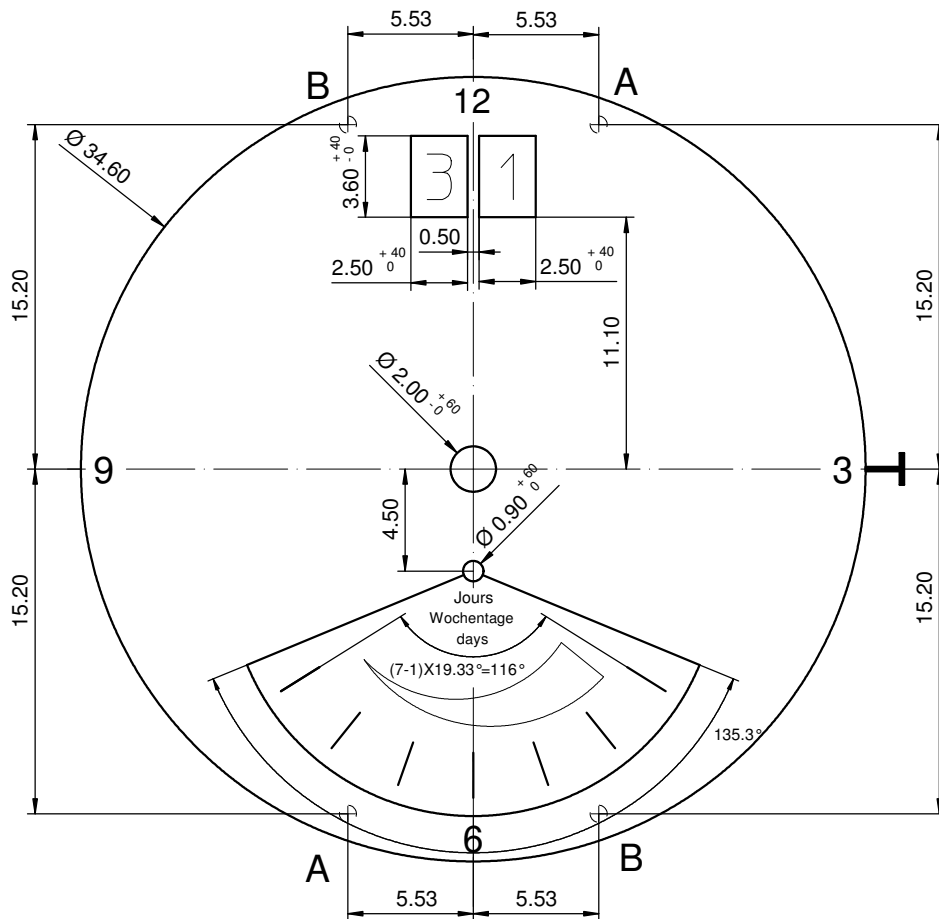
Position pour extraire la tige
Position zum entfernen der Stellwelle
Position to remove the stem



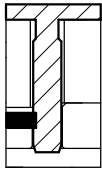
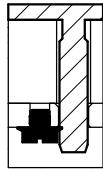
Sécurité entre l'aiguille des seconde et le verre : min 0.50 mm
Sicherheit zwischen Sekundenzeiger und Glas : min 0.50 mm
Security between second hand and glass : min 0.50 mm

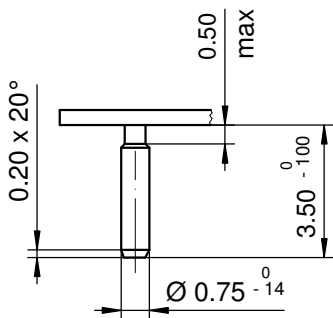
Le cadran doit être tenu par la boîte.
Das Zifferblatt muss durch die Schale gehalten werden.
The dial must be hold by the case.

Cage Uhrwerkgestell Frame	15'''	Issued	05 Dez 2005	mg
		Modified	08.02.2010 AA 7724	dh
		Released	YES	
		Tolerance	+/- 20 µm	
		Scale	10 : 1 (5 : 1) (A3H)	
RONDA	7003.L	Sous réserve de modifications Änderungen vorbehalten Modifications reserved		
		No.	5000.351	02





Disponibles positions pour pieds de cadran / Available dial feet positions / Verfügbare Zifferblatfußpositionen

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
Zifferblattstärke gemäss Zeigerwerkhöhen
Dial thickness according to hand fitting heights

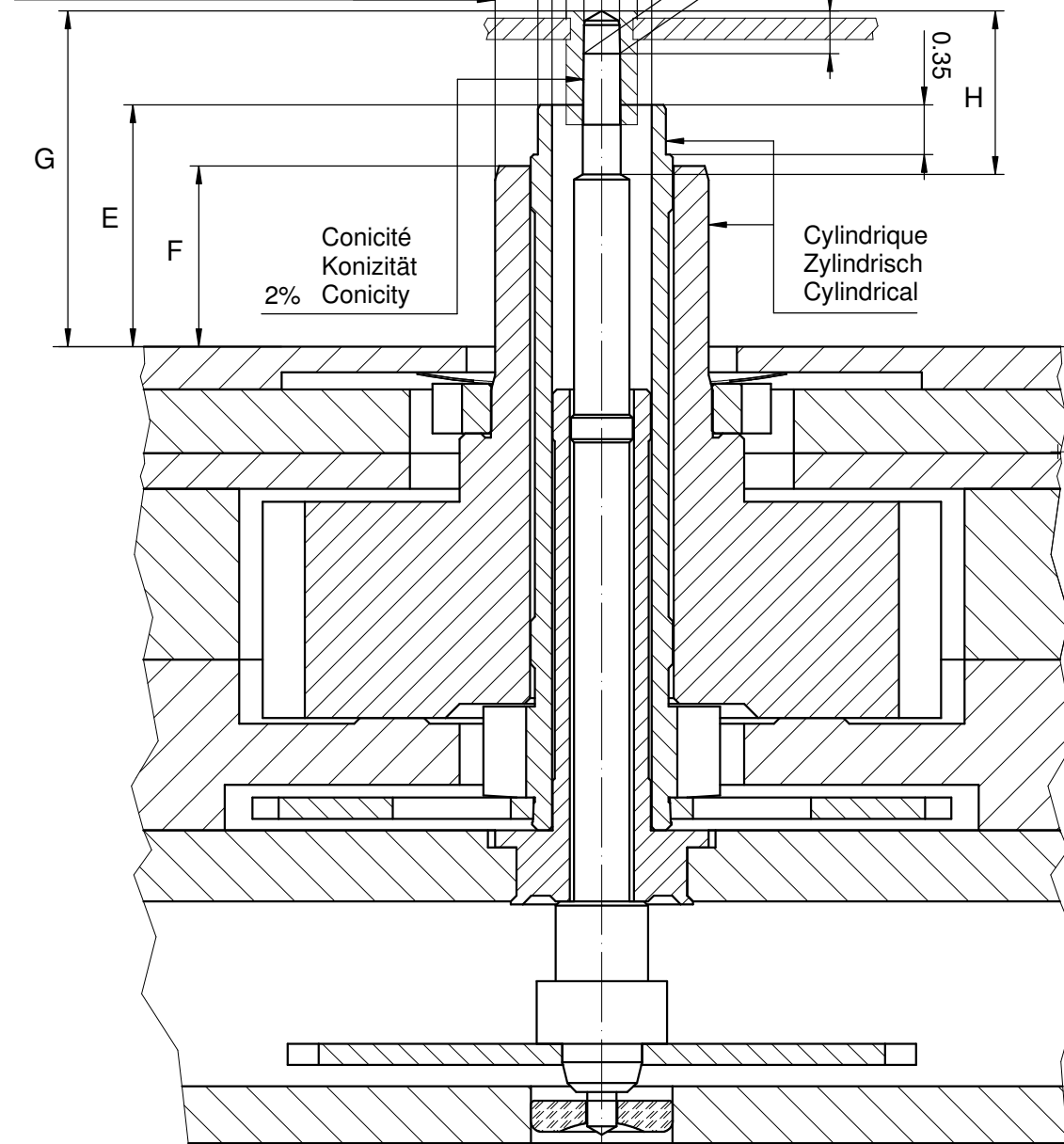
Tige	Date	Jour
Stellw.	Datum	Tag
Stem	Date	Day
3H	12H	6H
		

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.L	Sous réserve de modifications Aenderungenvorbehalten Modifications reserved		
		No.	5010.757	02

Ajustement aiguille des minutes
Minutenzeigerpassung
Minute hand fitting

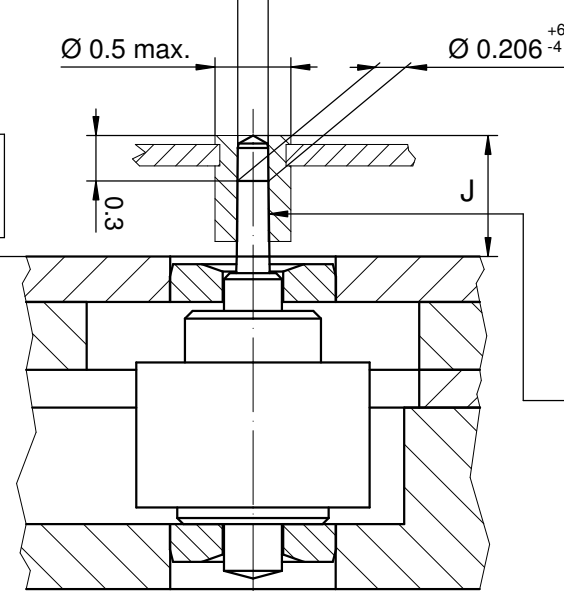
Ajustement aiguille des heures
Stundenzeigerpassung
Hour hand fitting

Ajustement aiguille des secondes
Sekundenzeigerpassung
Second hand fitting



Appui cadran
Zifferblattauflage
Dial seat

Ajustement aiguille
Zeigerpassung
Hand fitting



Heures / minutes / secondes
Stunden / Minuten / Sekunden
Hours / minutes / seconds

Aiguillages Zeigerwerkhöhe Hand fitting height				
Dépassement Höhe über Zifferblattauflage Height over dial seat				
	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
No	G	E	F	H
1	2.36	1.70	1.27	1.15
-				

Aiguillages Zeigerwerkhöhe Hand fitting height					
Peinture comprise / inkl. Farbe / Paint included					
Epaisseur maximum du cadran Maximale Zifferblattdicke 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

Aenderungen vorbehalten

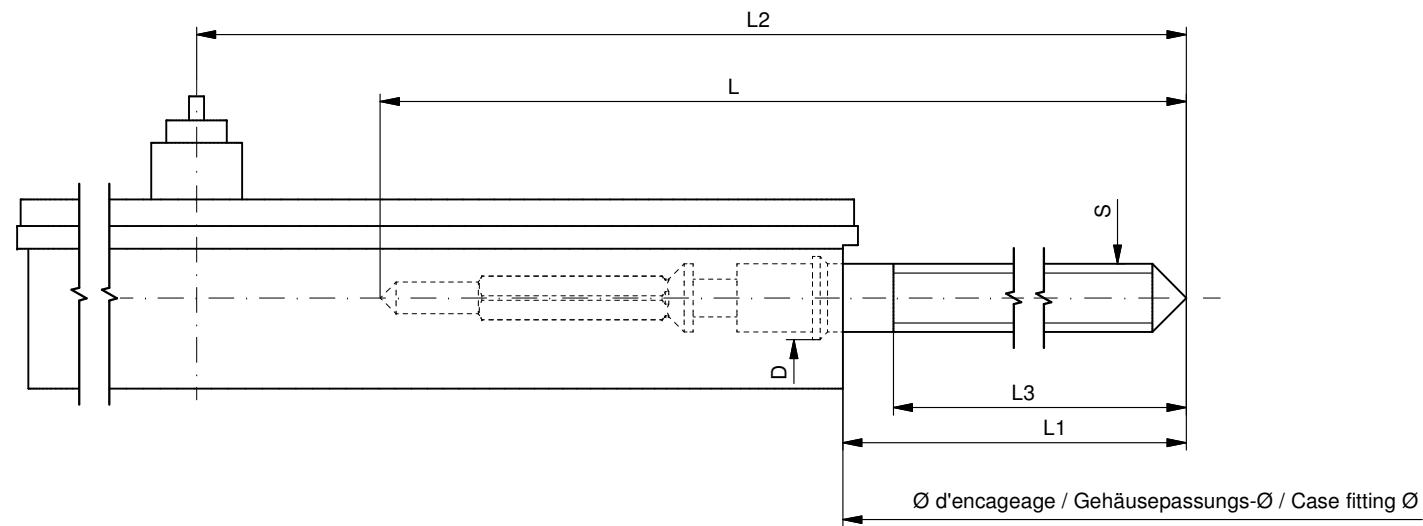
All modifications reserved

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

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

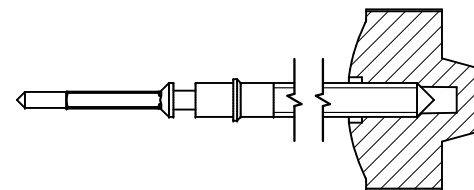
* Bei abweichenden Werten, bitte technischen Kundendienst anfragen

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



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

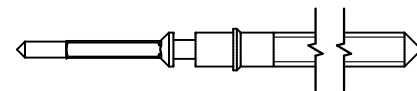
No. d'article Artikelnummer Part number	L	L1	L2	L3	S	D
3000.194.CO	21.30	10.74	27.64	10.15	0.90	1.10



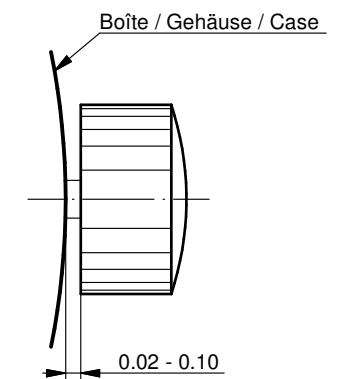
Couleur de la couronne Kronenfarbe Crown color	violet violett purple
Code	UN 5046

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 normale
 Normale Krone
 Normal crown

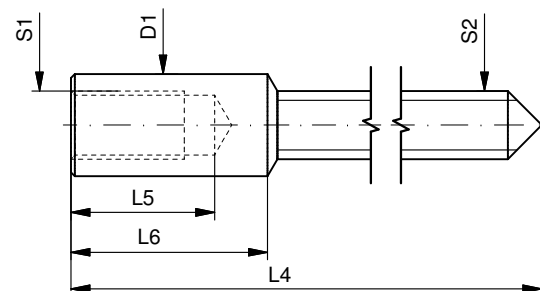


Couronne vissée
 Geschraubte Krone
 Screwed crown

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
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Movement holder
Removing setting stem
H7XXX.1T



Movement holder
Setting hands
H7XXX.1A

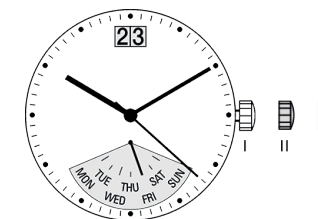
Fitting dial and hands

- 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.

RONDA normtech

– 6203.B

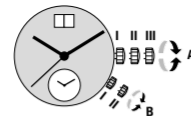
RONDA mastertech

– 7003.L

– 7003.N

– 7004.N

– 7004.P



Cal. 6203.B

Crown A

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 10.00 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 clockwise until the required date appears.
- Push the crown back into position I.

Pos. III Setting the time (both time zones together)

- 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. 6203.B

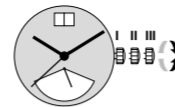
Crown B

Pos. I Position of rest

Pos. II Setting the time of the 2nd time zone

During the time setting of the 2nd time zone, crown A must be in position I.

- Pull the crown out to position II.
- Turn the crown, until the desired time is displayed.
- Push the crown back into position I.



Cal. 7003.L



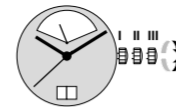
Cal. 7004.N

Pos. I Position of rest (watch running)

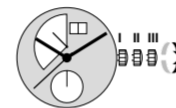
Pos. II Quick-change correction for date

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.



Cal. 7003.N



Cal. 7004.P

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.

Setting the day of the week

There is no quick-change correction available for setting the day of the week.

- Pull the crown out to position III (watch stopped).
- Turn the hands forward by turning the crown, until the current day of the week appears.
- Push the crown back into position II and set the current date using the quick change correction.
- Push the crown back into position I.

Cal. 6203.B

Battery type: 373/SR916SW

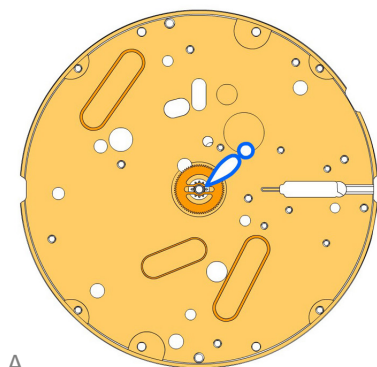
Cal. 7003.L / 7003.N / 7004.N / 7004.P

Battery type: 381/SR1120SW

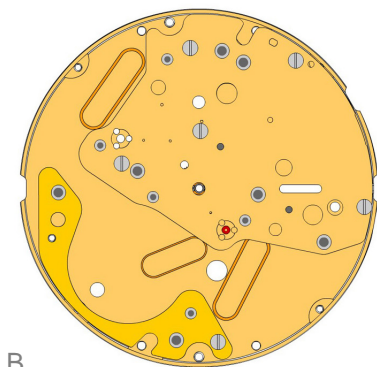
Precision: +20/-10 seconds per month

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.

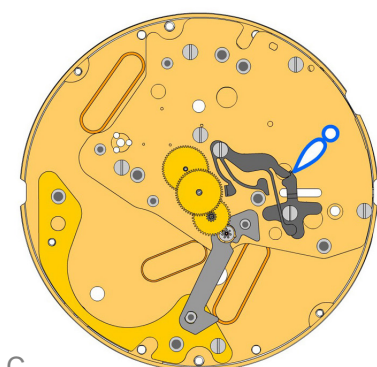
In case of repairs, guarantee claims and questions concerning the functioning of a watch, purchasers and consumers should contact their retailer or the watch manufacturer, for which the relevant information can be found in the sales or guarantee documentation provided with the watch.


















A

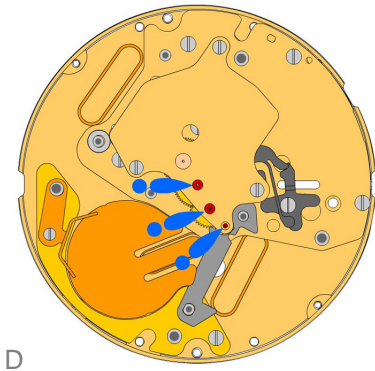


B




C

2000.669.G 1.		Main
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

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

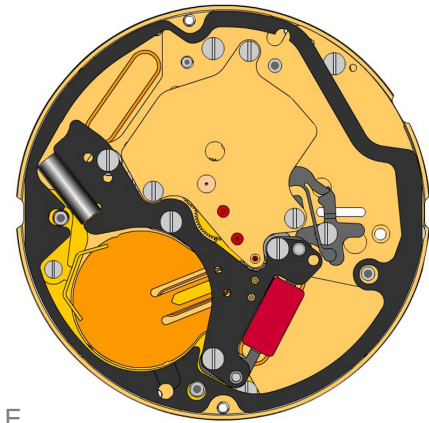
4000.244
17.  **Screws**

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**

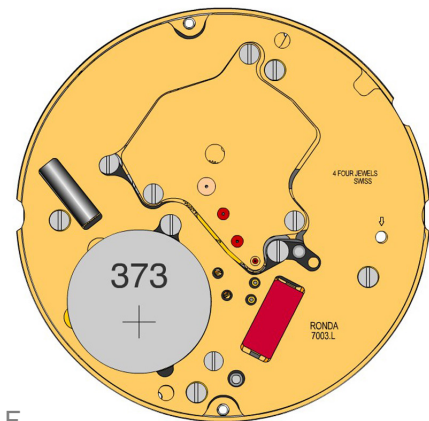


E

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

4000.250
23.  **Screw**

3603.081
24.  **Spacer**

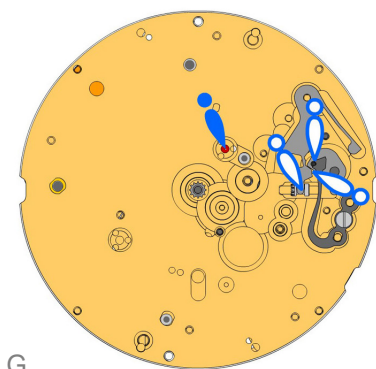


F

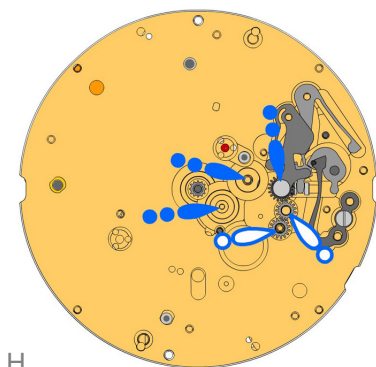
2130.182.G.M01.7003L
25.  **Electronic module cover**
Electronic module cover held by 4 screws 4000.244.

4000.244
26.  **Screws**

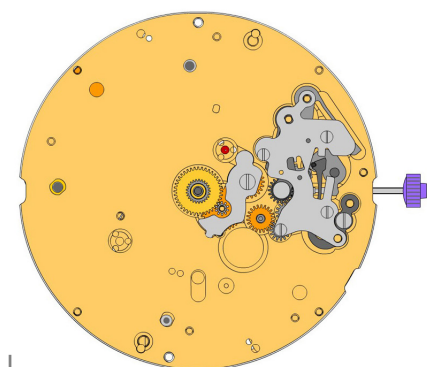
3600.032.HGF
27.  **Battery 381**














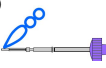






G

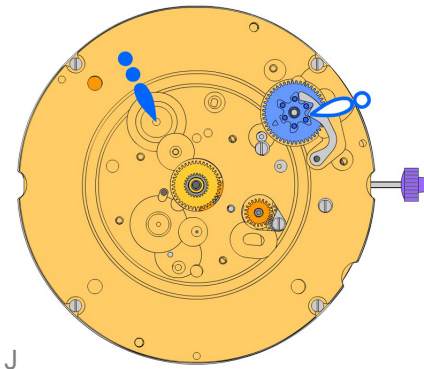


H



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
3001.061.FI 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 Setting mechanism cover held by 4 screws 4000.305.
4000.305 38.		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 retro (Aig.1)
3147.066.CO 45.		Date corrector setting wheel



2000.671.G
46.



Main plate retro (6h)
Main plate retro held by 4 screws 4000.248

4000.248
47.



Screw

3004.220
48.

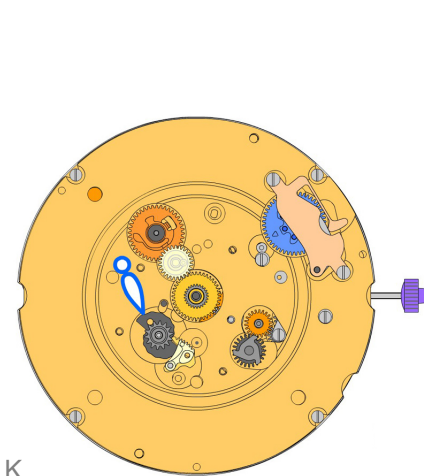


Tens indicator driving wheel
The short tooth of the tens indicator driving wheel must point to the center of the movement.

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

3404.005.CO
54.



Day cam (6h)
Place parts as shown on graphics.

3406.032
55.



Day rack

3406.031
56.



Day rack lever

3507.059.CO
57.



Date corrector wheel



2130.188
58.



Date indicator plate

3905.068
59.



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

3905.066
60.



Day rack lever spring

3500.069
61.



Day jumper
Tensioning the spring arm.

3500.068
62.

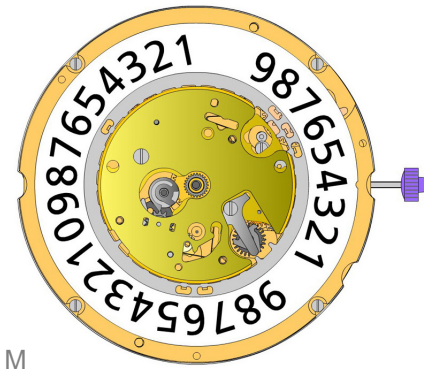


Date jumper

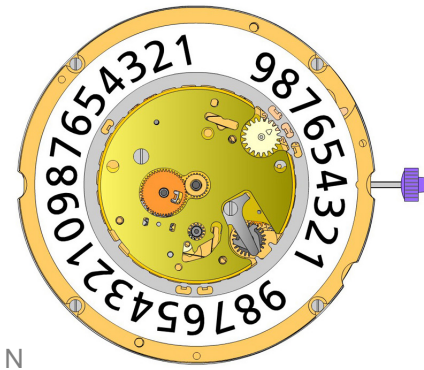
3504.229.AF.1.A
63.



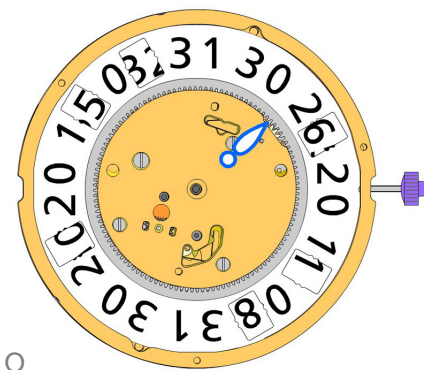
Units indicator (standard)
Nick of the indicator at 3 o'clock.








M












N







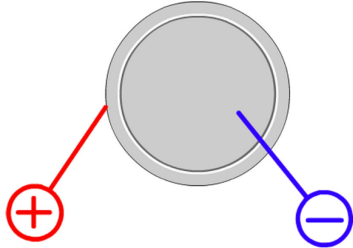
O

2130.189 64.		Date indicator maintaining plate Date indicator 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.

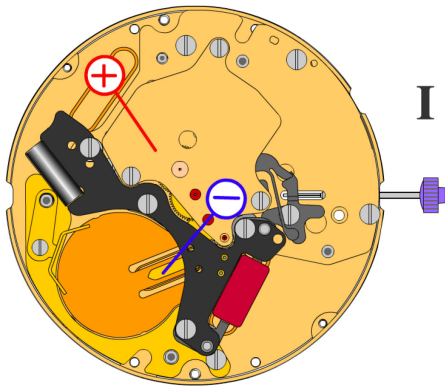
3004.212 69.		Days driving wheel Insert the tooth of the wheel in the flange gap, while turning softly in counterclockwise direction to ensure correct position of the day finger.
3401.082.FI 70.		Day indicator pinion
3147.062 71.		Tens intermediate wheel Arrow positioning radially outwards.
3315.003 72.		Friction spring

3504.230.AF.1.A 73.		Tens indicator (standard) Nick of the indicator at 3 o'clock.
2130.190.G 74.		Date mechanism maintaining plate 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

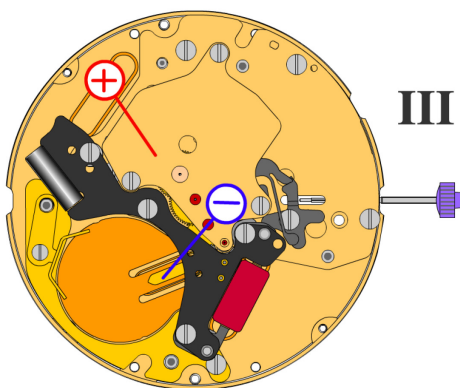


Battery	381
Voltage	1.55 V



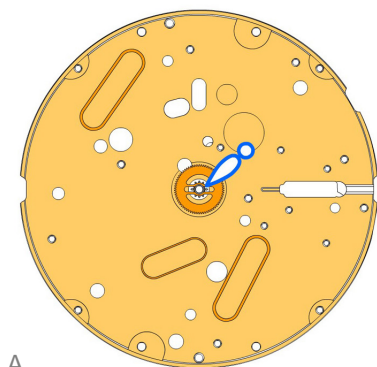
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

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

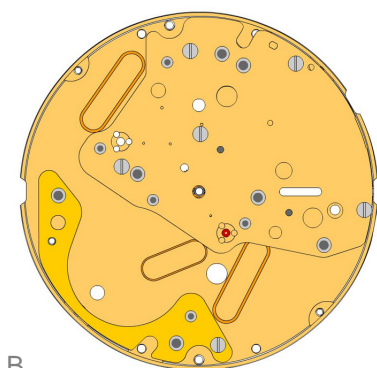


Setting stem in position III, 60 s measuring interval:

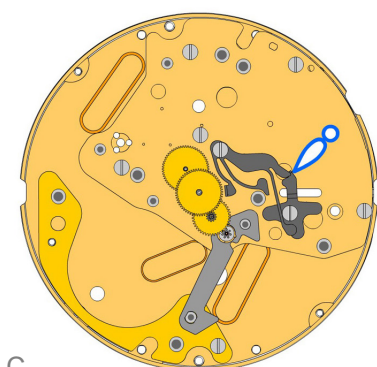
Typical consumption	0.10 μA
Maximal consumption	0.30 μA


















A

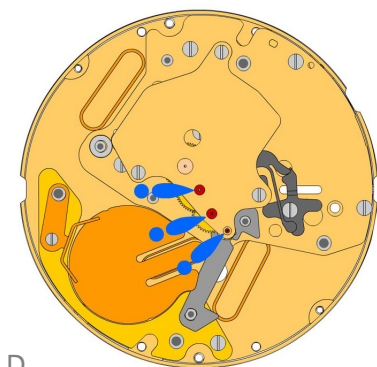


B




C

2000.669.G 1.		Main
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

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

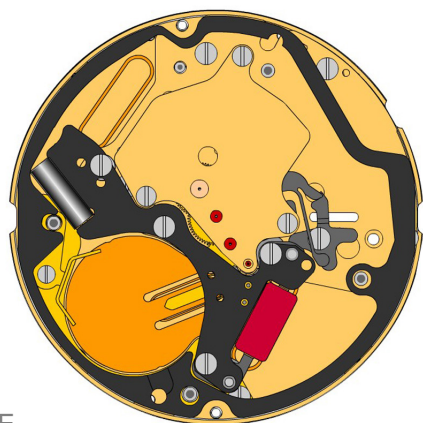
4000.244
17.  **Screws**

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**

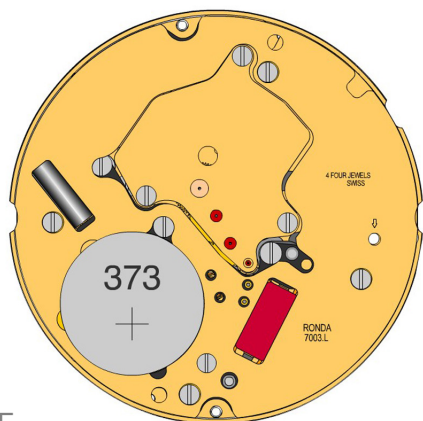


E

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

4000.250
23.  **Screw**

3603.081
24.  **Spacer**

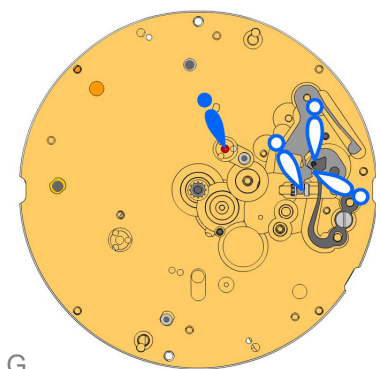


F

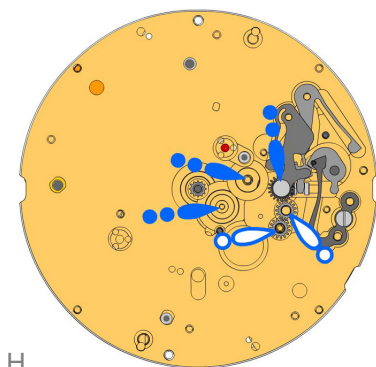
2130.182.G.M01.7003L
25.  **Electronic module cover**
Electronic module cover held by 4 screws 4000.244.

4000.244
26.  **Screws**

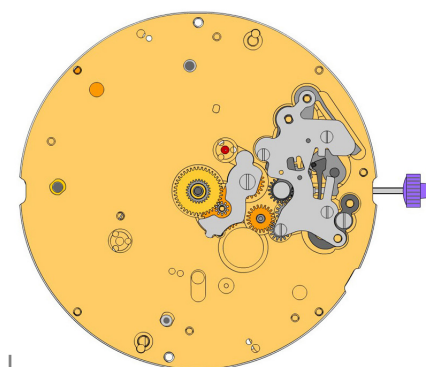
3600.032.HGF
27.  **Battery 381**





















G

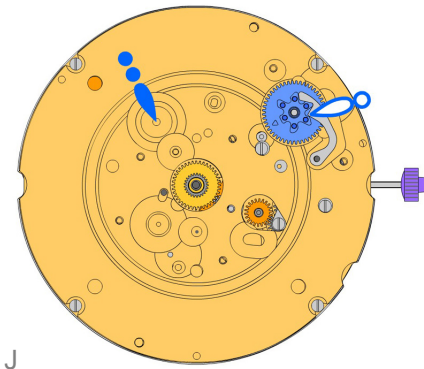


H



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
3001.061.FI 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 Setting mechanism cover held by 4 screws 4000.305.
4000.305 38.		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 retro (Aig.1)
3147.066.CO 45.		Date corrector setting wheel



2000.671.G
46.



Main plate retro (6h)
Main plate retro held by 4 screws 4000.248

4000.248
47.



Screw

3004.220
48.

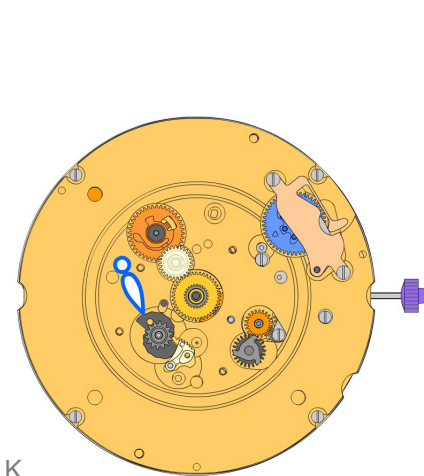


Tens indicator driving wheel
The short tooth of the tens indicator driving wheel must point to the center of the movement.

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

3404.005.CO
54.



Day cam (6h)
Place parts as shown on graphics.

3406.032
55.



Day rack

3406.031
56.



Day rack lever

3507.059.CO
57.



Date corrector wheel



2130.188
58.



Date indicator plate

3905.068
59.



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

3905.066
60.



Day rack lever spring

3500.069
61.



Day jumper
Tensioning the spring arm.

3500.068
62.

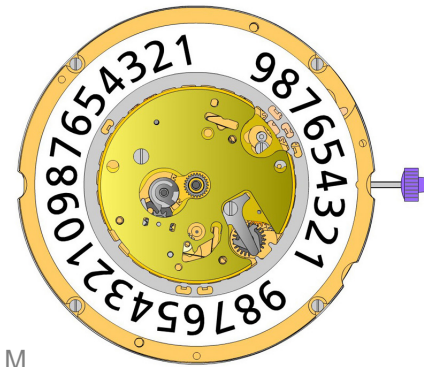
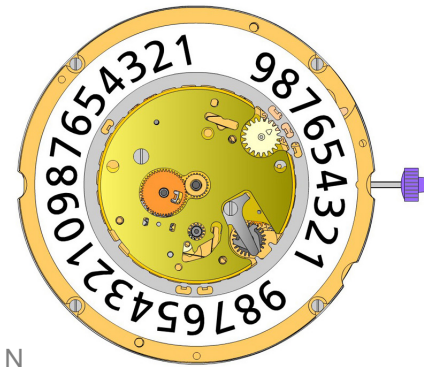
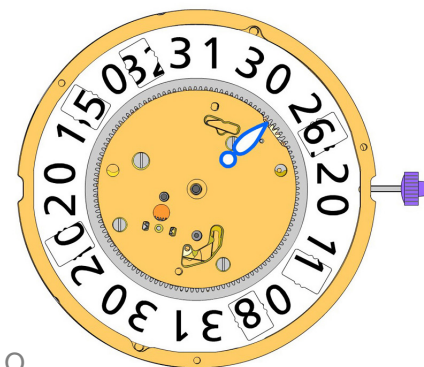


Date jumper

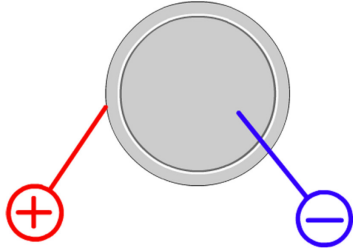
3504.229.AF.1.A
63.



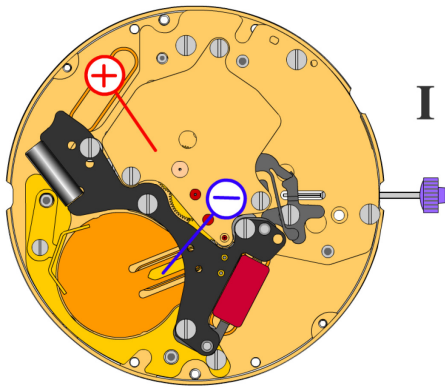
Units indicator (standard)
Nick of the indicator at 3 o'clock.


M

N

O

2130.189 64.		Date indicator maintaining plate Date indicator 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
3504.230.AF.1.A 72.		Tens indicator (standard) Nick of the indicator at 3 o'clock.
2130.190.G 73.		Date mechanism maintaining plate 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

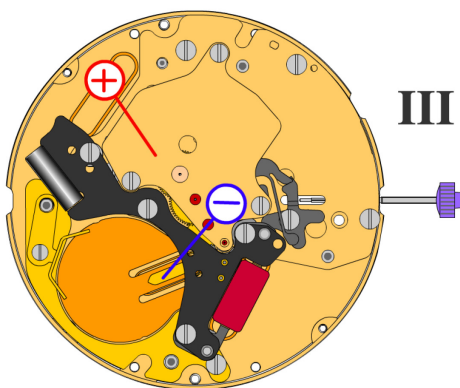


Battery	381
Voltage	1.55 V



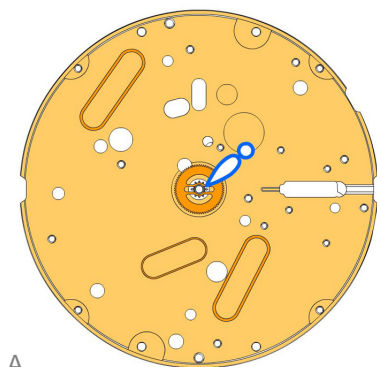
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

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

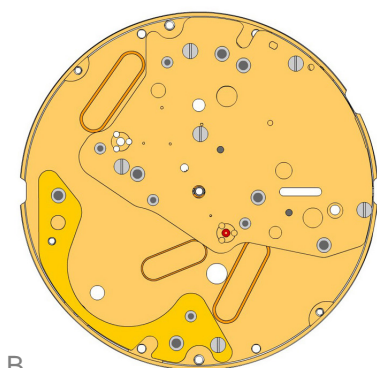


Setting stem in position III, 60 s measuring interval:

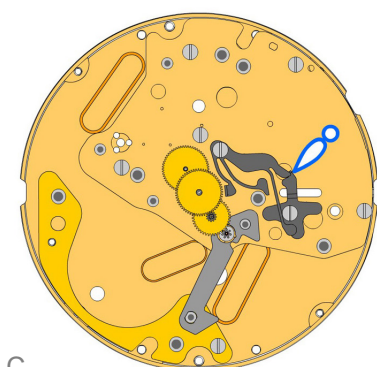
Typical consumption	0.10 μA
Maximal consumption	0.30 μA


















A

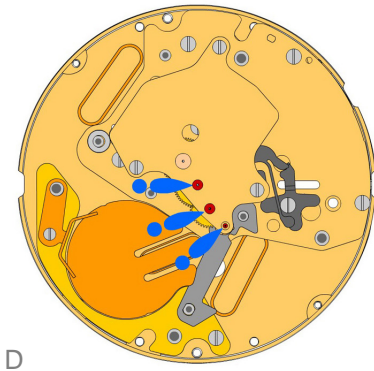


B




C

2000.669.G 1.		Main
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

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

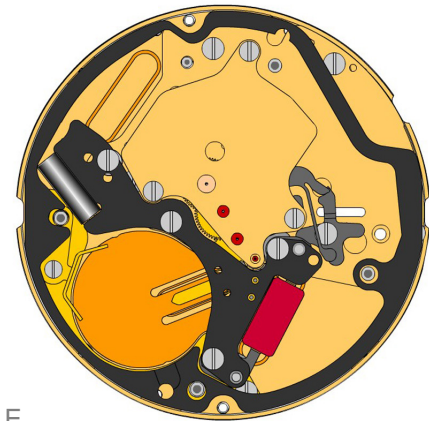
4000.244
17.  **Screws**

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**

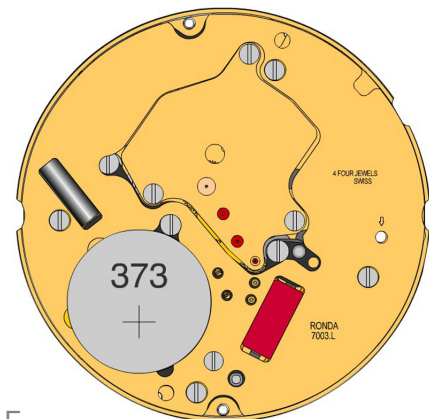


E

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

4000.250
23.  **Screw**

3603.081
24.  **Spacer**

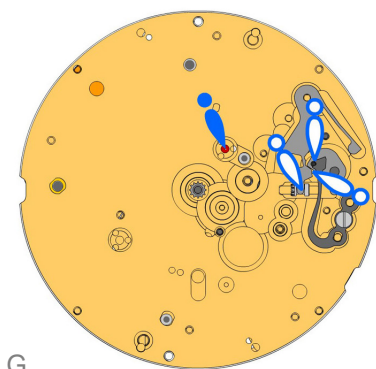


F

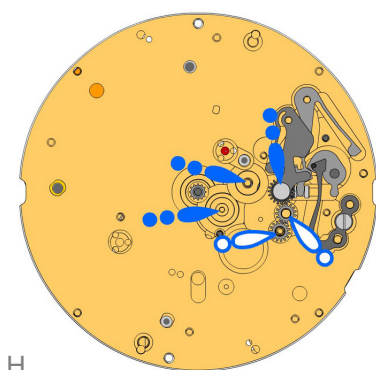
2130.182.G.M01.7003L
25.  **Electronic module cover**
Electronic module cover held by 4 screws 4000.244.

4000.244
26.  **Screws**

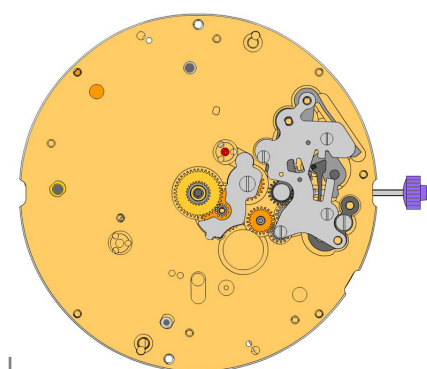
3600.032.HGF
27.  **Battery 381**





















G

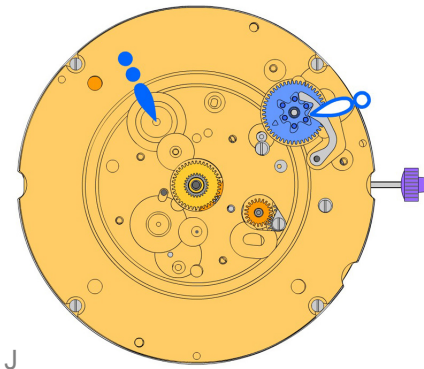


H



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
3001.061.FI 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 Setting mechanism cover held by 4 screws 4000.305.
4000.305 38.		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 retro (Aig.1)
3147.066.CO 45.		Date corrector setting wheel



2000.671.G
46.



Main plate retro (6h)
Main plate retro held by 4 screws 4000.248

4000.248
47.



Screw

3004.209
48.



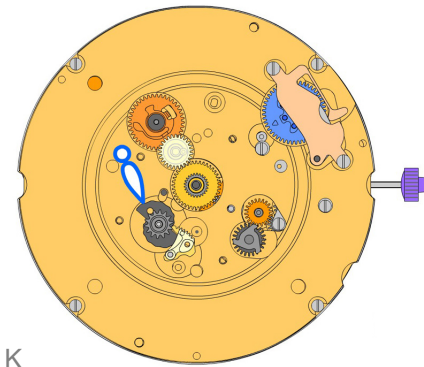
Tens indicator driving wheel
The short tooth of the tens indicator driving wheel must point to the center of the movement. Parts 3004.209 and 3500.073 must be exchanged together.

3500.073
49.



Tens jumper
Parts 3004.209 and 3500.073 must be exchanged together.

J



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

3404.005.CO
54.



Day cam (6h)
Place parts as shown on graphics.

3406.032
55.



Day rack

3406.031
56.



Day rack lever

3507.059.CO
57.



Date corrector wheel

K



2130.188
58.



Date indicator plate

3905.068
59.



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

3905.066
60.



Day rack lever spring

3500.069
61.



Day jumper
Tensioning the spring arm.

3500.068
62.

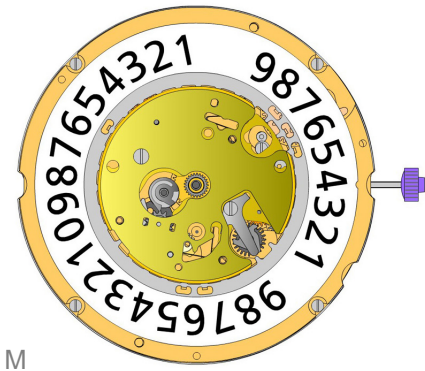


Date jumper

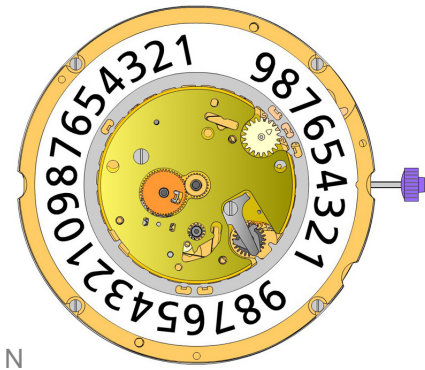
3504.229.AF.1.A
63.



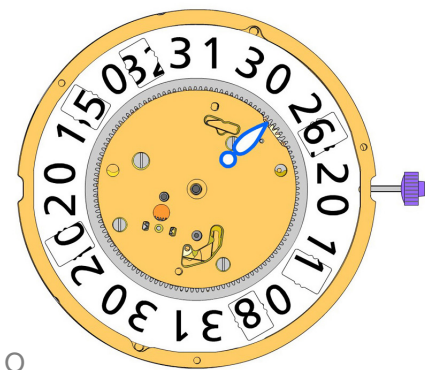
Units indicator (standard)
Nick of the indicator at 3 o'clock.








M












N







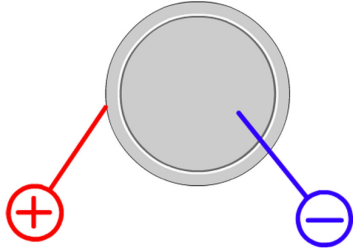
O

2130.189 64.		Date indicator maintaining plate Date indicator 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.

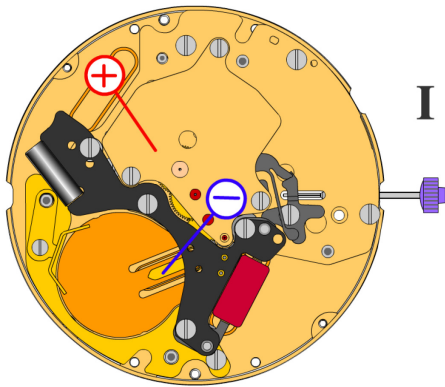
3004.212 69.		Days driving wheel Insert the tooth of the wheel in the flange gap, while turning softly in counterclockwise direction to ensure correct position of the day finger.
3401.082.FI 70.		Day indicator pinion
3147.062 71.		Tens intermediate wheel Arrow positioning radially outwards.
3315.003 72.		Friction spring

3504.230.AF.1.A 73.		Tens indicator (standard) Nick of the indicator at 3 o'clock.
2130.190.G 74.		Date mechanism maintaining plate 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

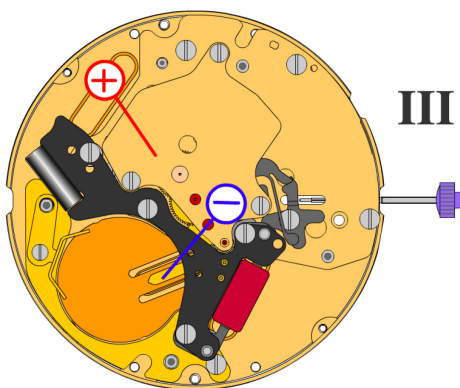


Battery	381
Voltage	1.55 V



*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