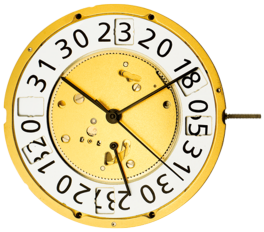
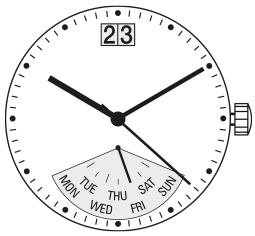
Caliber 7003.L – 15'''





Product Specifications

Analog quartz movement

Line	xtratech
Caliber	7003.L
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

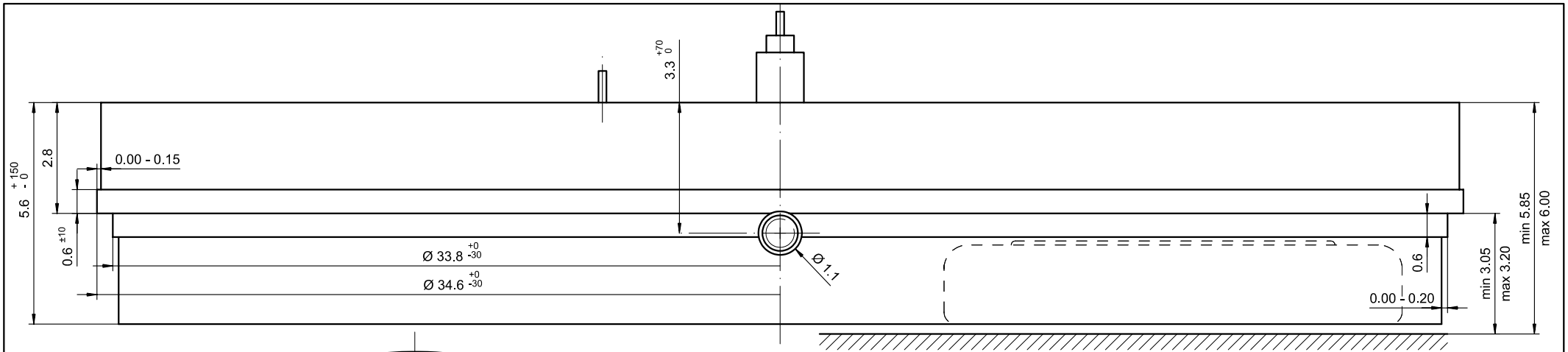
Caliber 7003.L – 15'''

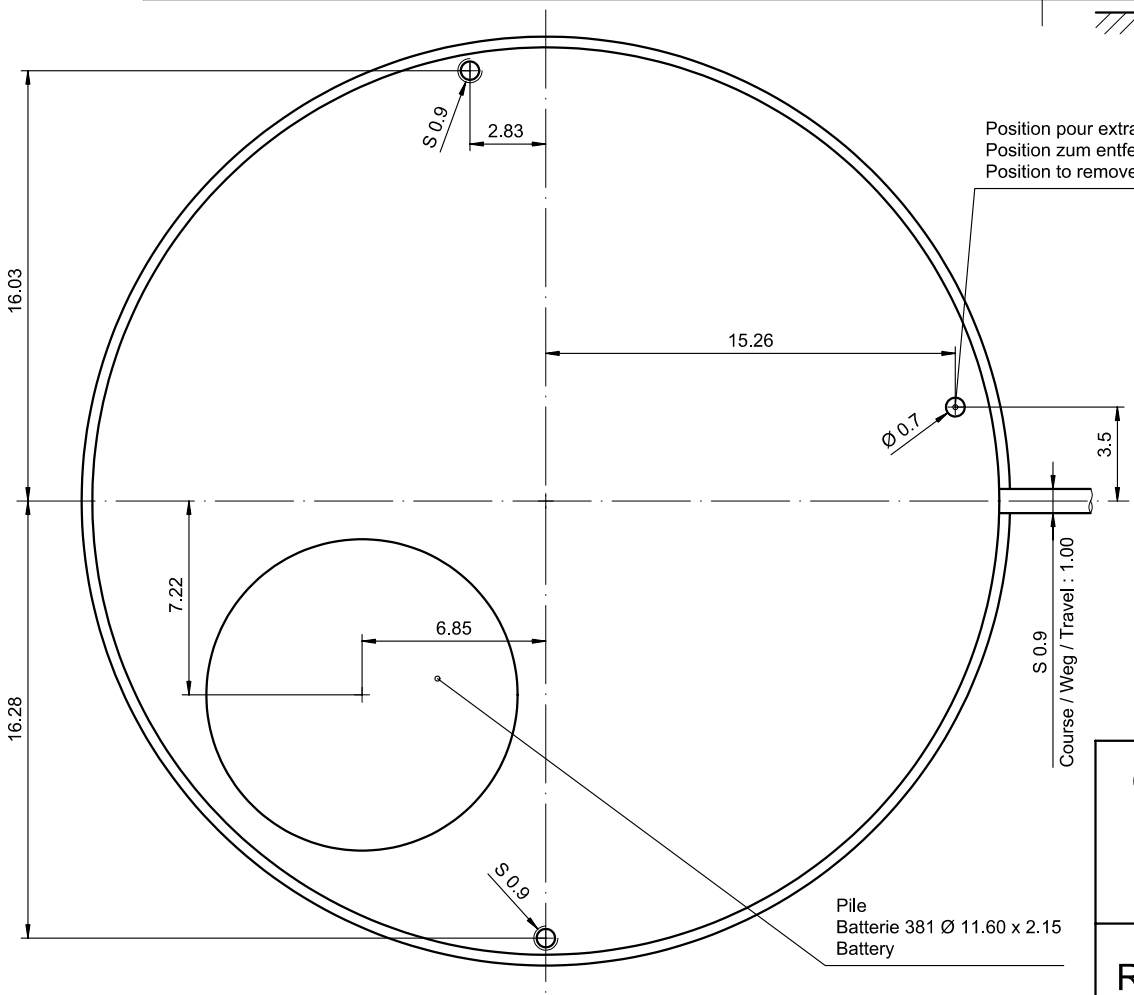
Technical Specifications

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 µNm
Useful torque minute – typical	500 µNm
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 µA (Date Mechanism not in Gear)
Current consumption – maximum	3.1 µA (Date Mechanism not in Gear)

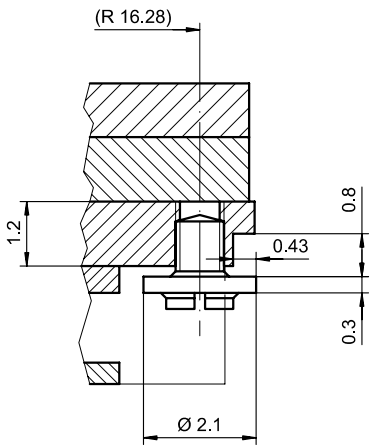




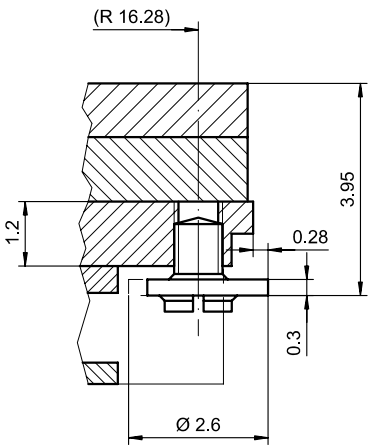
Position pour extraire la tige
Position zum entfernen der Stellwelle
Position to remove the stem

Pile
Batterie 381 Ø 11.60 x 2.15
Battery

Vis / Schraube / Screw No. : 4000.323



Vis / Schraube / Screw No. : 4000.324



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

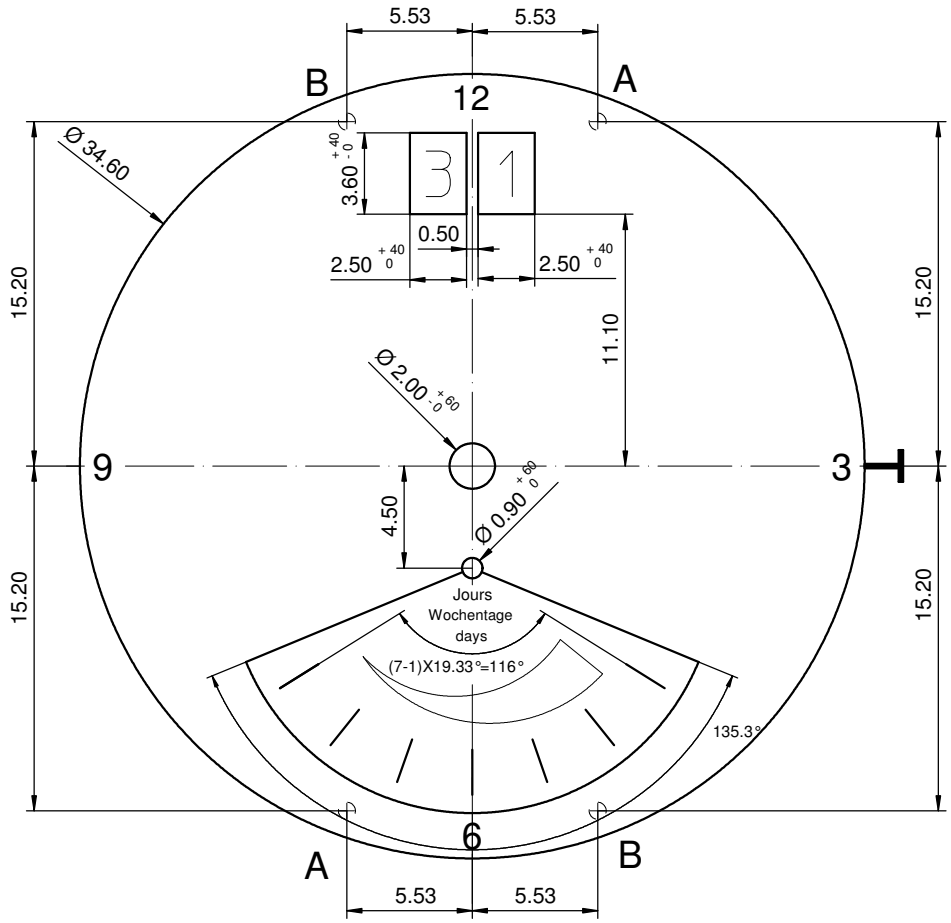
15'''

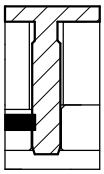
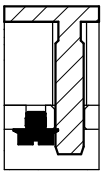
RONDA | 7003.L

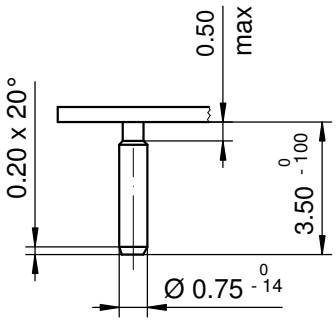
Issued	05 Dez 2005	mg
Modified	08.02.2010 ÄA 7724	dh
Released	YES	
Tolerance	+/- 20 µm	
Scale	10 : 1 (5 : 1) (A3H)	

Sous réserve de modifications
Aenderungen vorbehalten
Modifications reserved

No. 5000.351 02



Disponibeles positions pour pieds de cadran / Available dial feet positions / Verfügbare Zifferblattfusspositionen	
A Pos 1h / 7h	B Pos 5h / 11h
 Fixation du cadran avec rondelle en plastique Dial fixation by plastic disc Zifferblattbefestigung durch Kunststoffscheibe	 Fixation du cadran avec clef de cadran Dial fixation by dial - key Zifferblattbefestigung durch Zifferblattschlüssel



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	12H	6H

Cadran
Zifferblatt
Dial

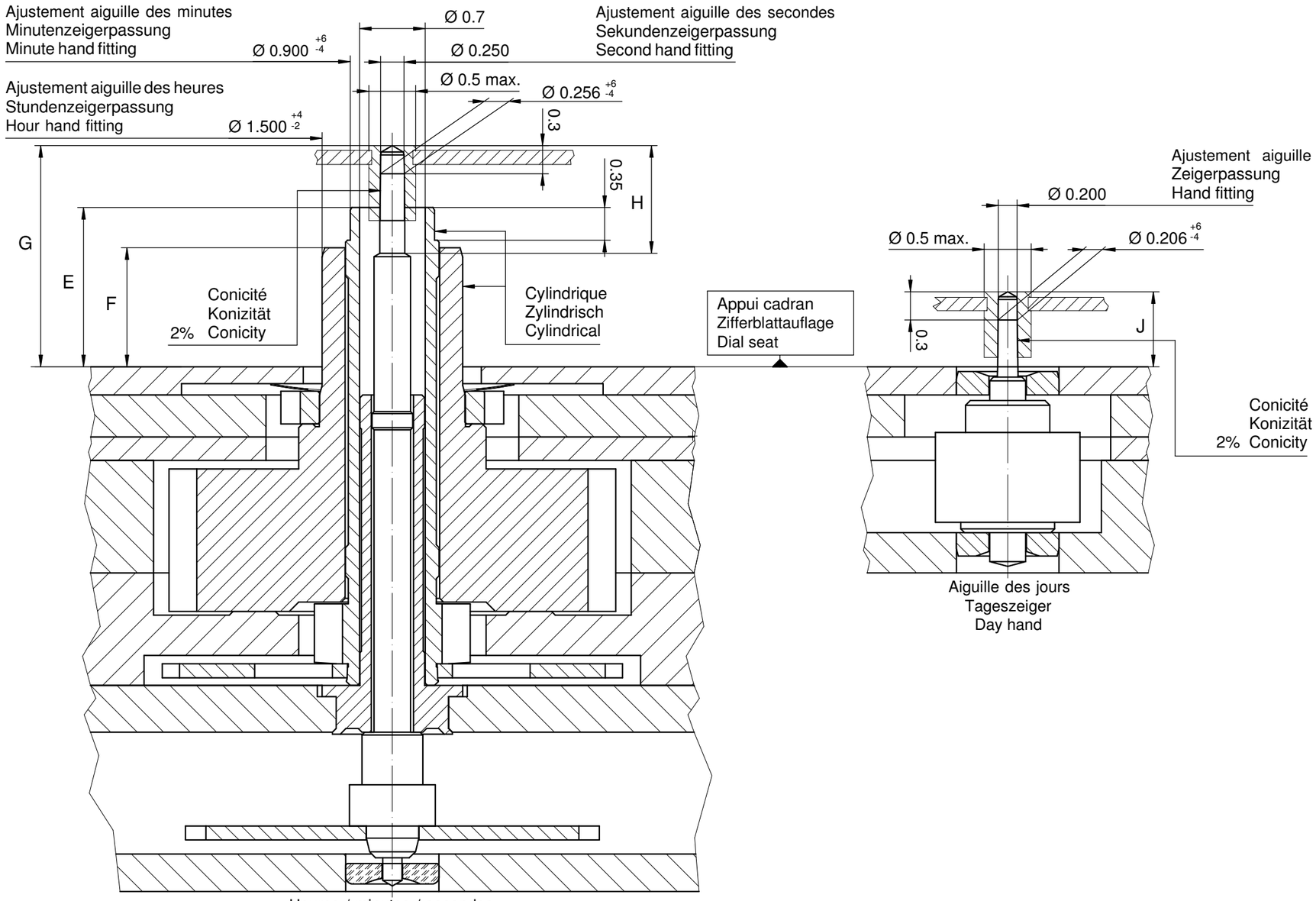
15'''

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

RONDA | 7003.L

Sous réserve de modifications
Aenderungenvorbehalten
Modificationsreserved

No. 5010.757 02



Aiguillages
Zeigerwerkhöhe
Hand fitting height

	Dépassement Höhe über Zifferblattauflage 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 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 *
gmm² 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

Aiguillages
Zeigerwerkhöhen
Hand fitting heights

15‴

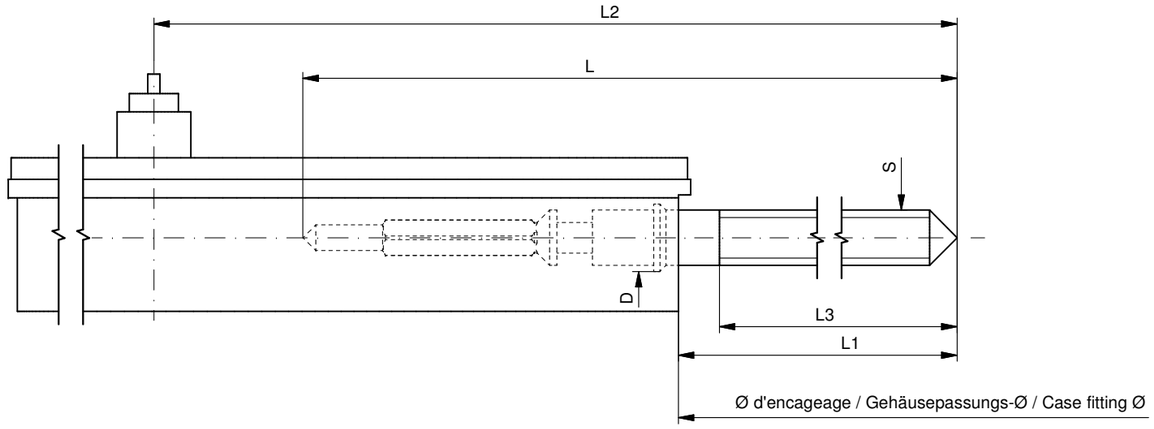
RONDA | 7003.L, 7003.N

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

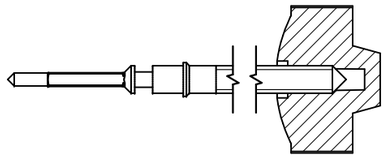
No. 3316.104 03

* 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)

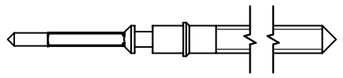
No. d'article Artikelnummer Part number	L	L1	L2	L3	S	D
3000.194.CO	21.30	10.74	27.64	10.15	0.90	1.10



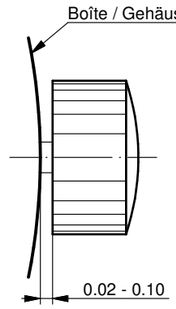
Couleur de la couronne Kronenfarbe Crown color	violet violett purple
Code	UN 5046

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

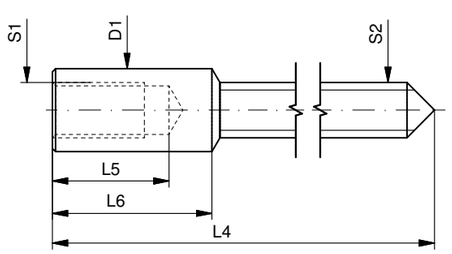


Couronne vissée
Geschraubte Krone
Screwed crown

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

No. 5030.022 02

Movement holder
Removing setting stem
H7XXX.1T

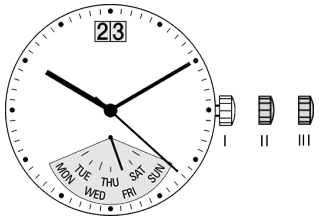
Movement holder
Setting hands
H7XXX.1A

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	*~2hrs*
Weekday	*~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 slimtech

– 1005
– 1006
– 1009
– 1015
– 1016
– 1019

RONDA normtech

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

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

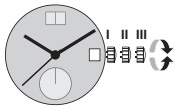
Cal. 715Li:
Battery type: CR 2016

Precision: +20/-10 seconds per month

CE UK CA

08/2023

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.

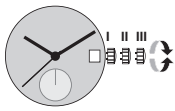
Cal. 6003.D & 6004.D:
– *Turn the crown until the required date appears.*

– 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**

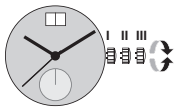
Blocking time for the quick-change day correction is from approx. 9.30 pm and midnight.

– 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)

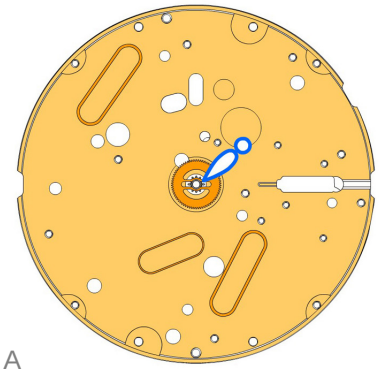
Pos. II **Quick-change correction for date**

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.

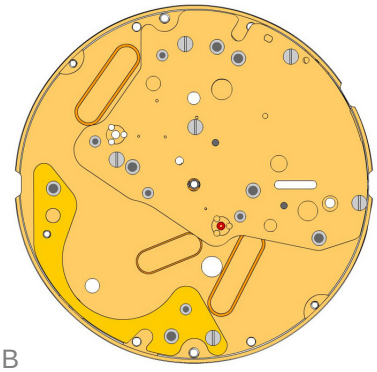
Pos. III **Setting the time**

– 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.



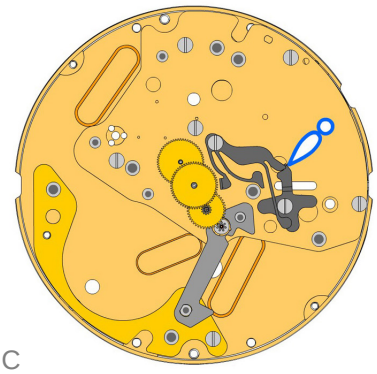
A

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

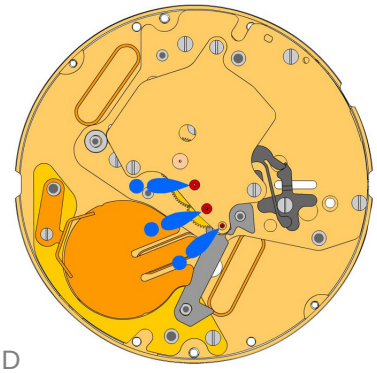


B

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)

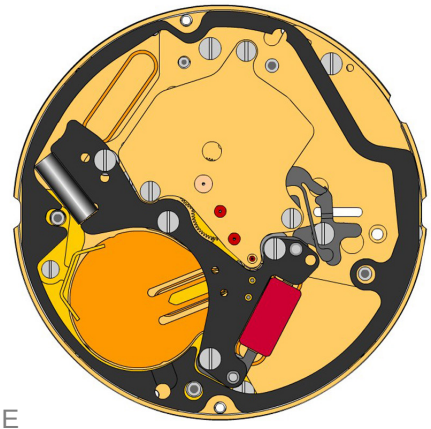


C



D

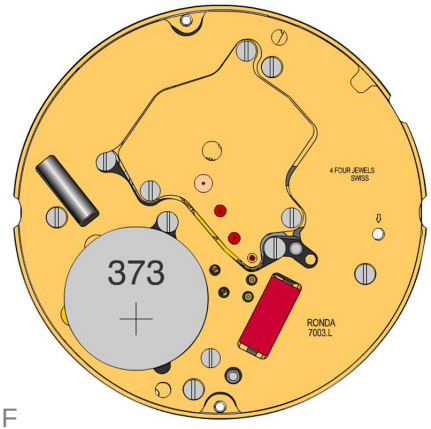
2020.169.G 16.		Train wheel bridge Train wheel bridge held by 3 screws 4000.244.
4000.244 17.		Screws
3603.080 18.		Battery insulator
3601.120.G 19.		Battery clamp + Battery clamp held by 1 screw 4000.248.
4000.248 20.		Screw
3503.071 21.		Tube



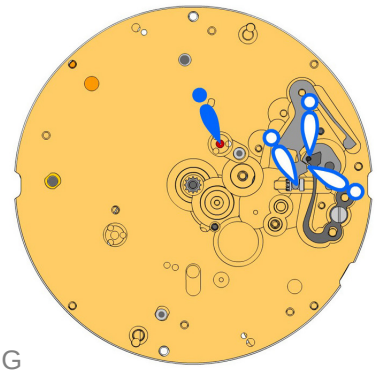
E

3612.195 22.		Electronic module Electronic module held by 4 screws 4000.250.
4000.250 23.		Screw
3603.081 24.		Spacer

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

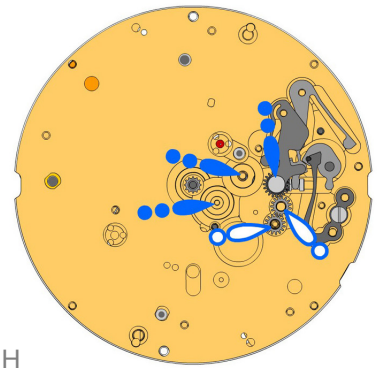


F



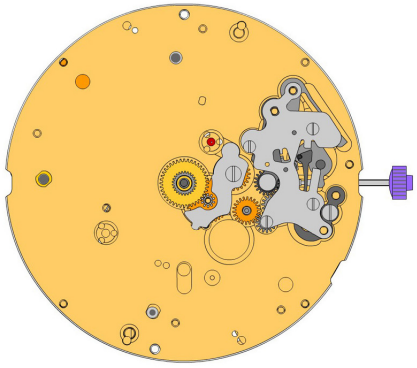
G

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.

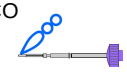


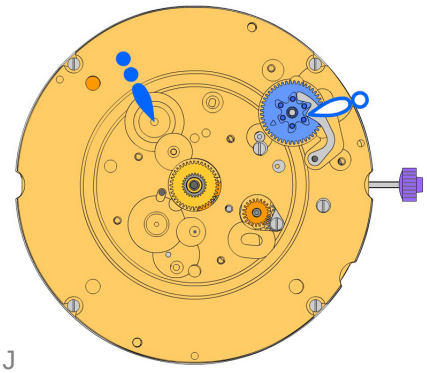
H

3004.200 34.		Corrector setting wheel
3004.200 35.		Corrector setting wheel
3015.078.CO 36.		Rocking bar (3 positions) Tensioning the spring arm.



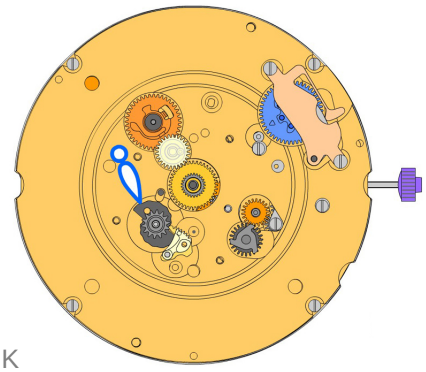
I

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



J

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.

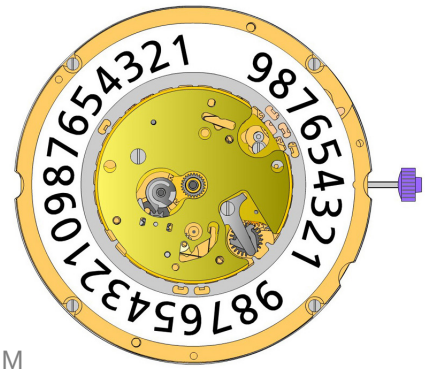


K

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

L

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

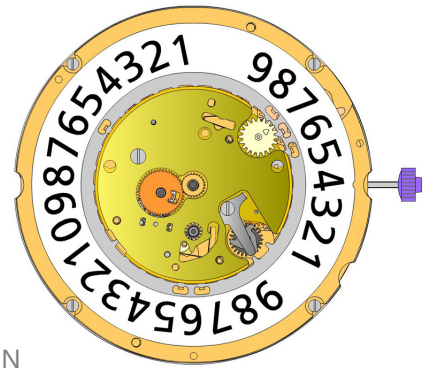
2130.189
64.
Date indicator maintaining plate
Date indicator maintaining plate held by 1 screw 4000.250.

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.



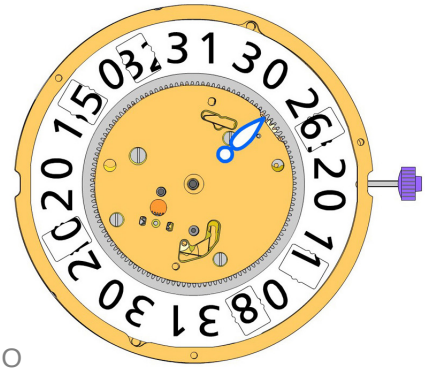
N

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



O

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.

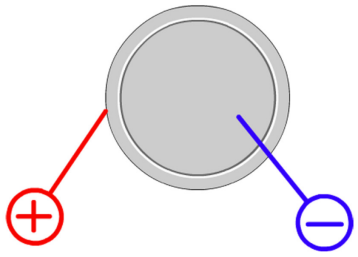
3506.076.G
77.
Dial support

8200
78.
Moebius 8200

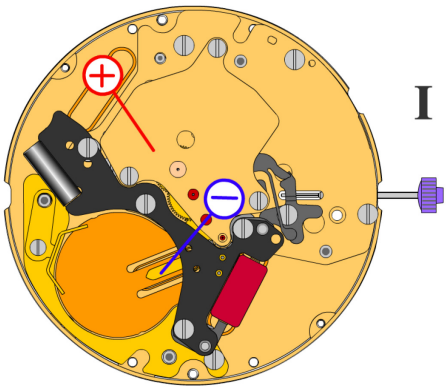
9014
79.
Moebius 9014

124
80.
Jismaa 124

9020
81.
Moebius 9020

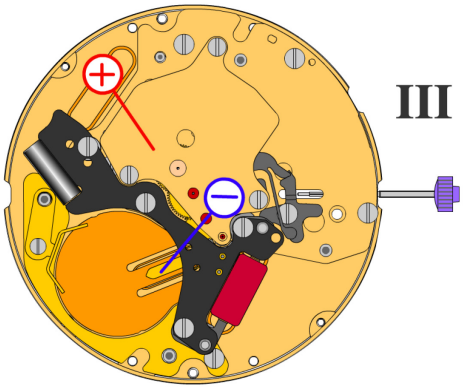


Battery	**381**
Voltage	**1.55 V**



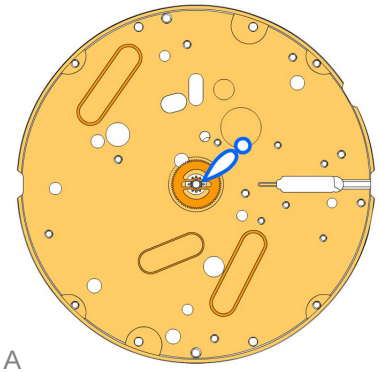
Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:

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



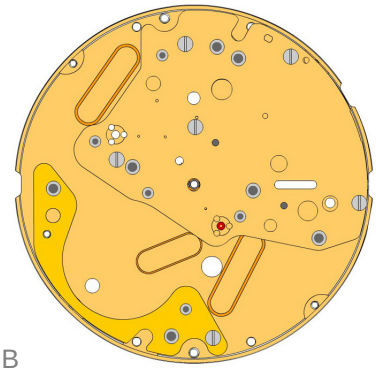
Setting stem in position III, 60 s measuring interval:

Typical consumption	***0.10 µA***
Maximal consumption	***0.30 µA***



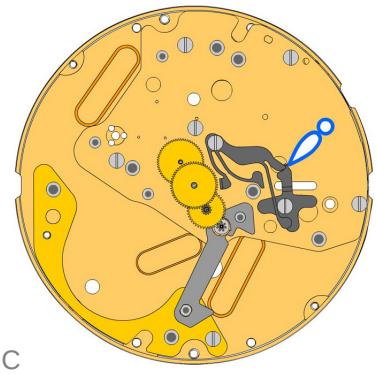
A

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

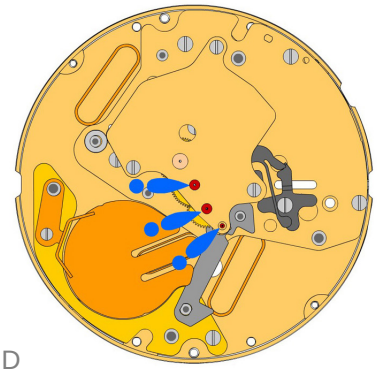


B

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)

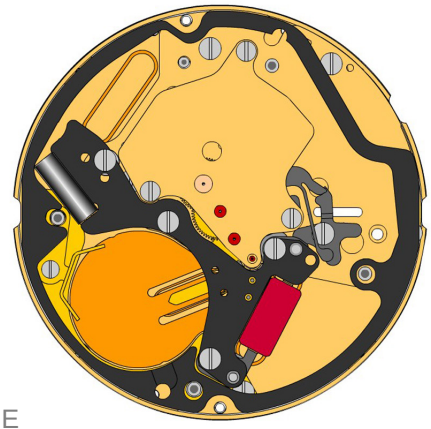


C



D

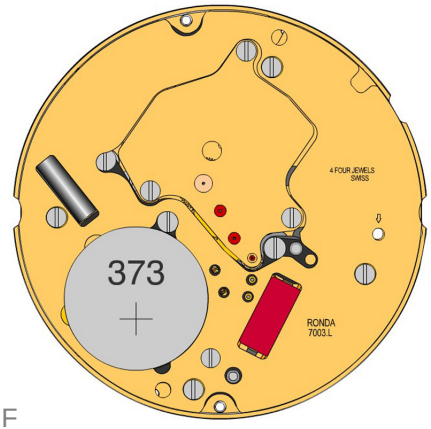
2020.169.G 16.		Train wheel bridge Train wheel bridge held by 3 screws 4000.244.
4000.244 17.		Screws
3603.080 18.		Battery insulator
3601.120.G 19.		Battery clamp + Battery clamp held by 1 screw 4000.248.
4000.248 20.		Screw
3503.071 21.		Tube



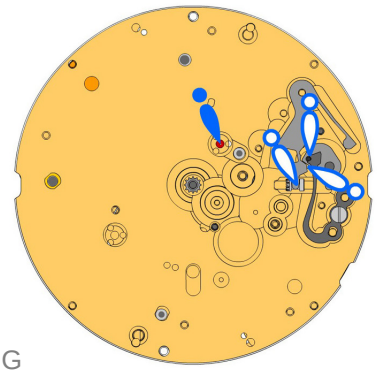
E

3612.195 22.		Electronic module Electronic module held by 4 screws 4000.250.
4000.250 23.		Screw
3603.081 24.		Spacer

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

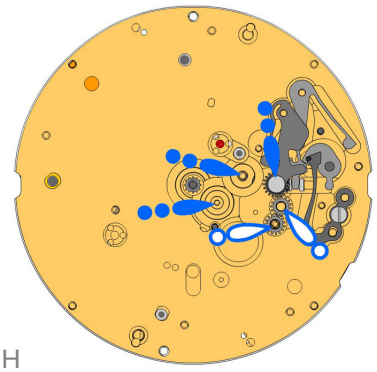


F



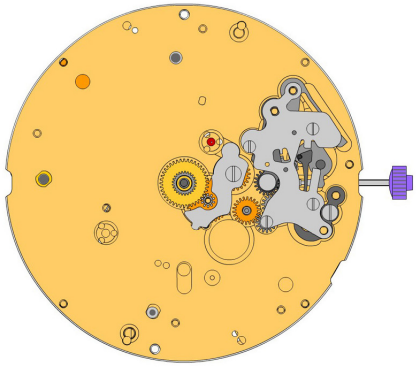
G

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.

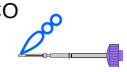


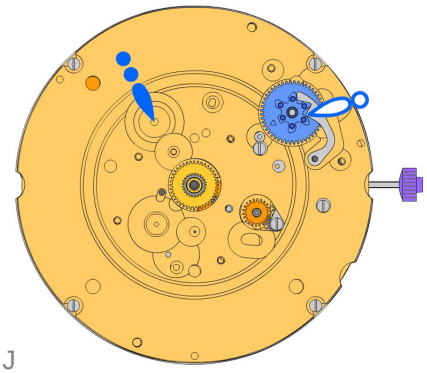
H

3004.200 34.		Corrector setting wheel
3004.200 35.		Corrector setting wheel
3015.078.CO 36.		Rocking bar (3 positions) Tensioning the spring arm.



I

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



J

2000.671.G
46.
Main plate retro (6h)
Main plate retro held by 4 screws 4000.248

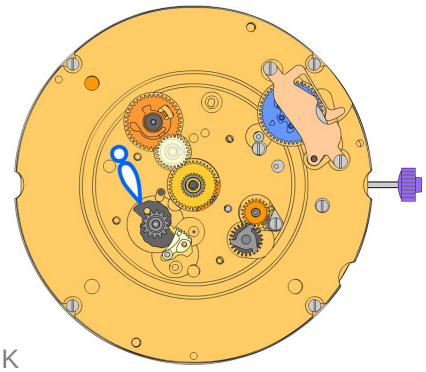
4000.248
47.
Screw

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



K

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

L

2130.188
58.
Date indicator plate

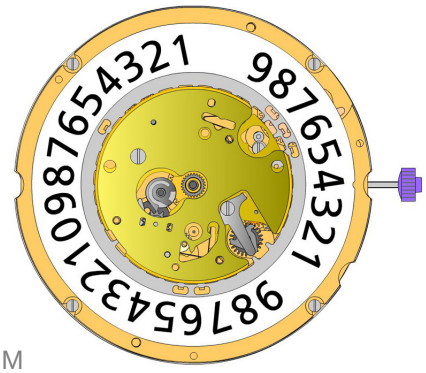
3905.068
59.
Date corrector spring
Date corrector spring held by 1 screw 4000.244.

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

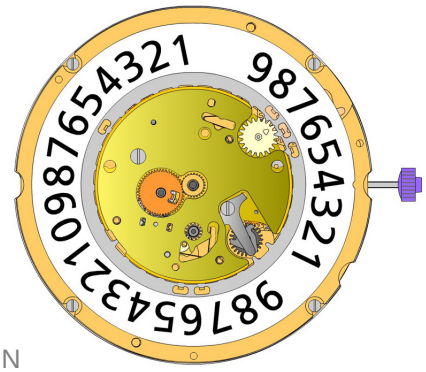
2130.189
64.
Date indicator maintaining plate
Date indicator maintaining plate held by 1 screw 4000.250.

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.



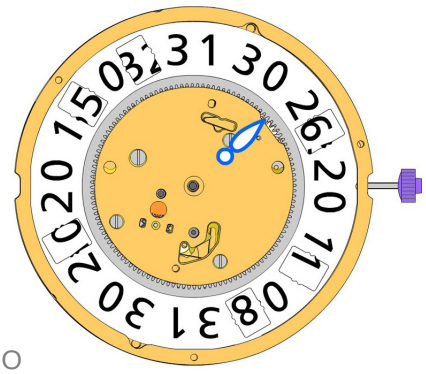
N

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



O

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.

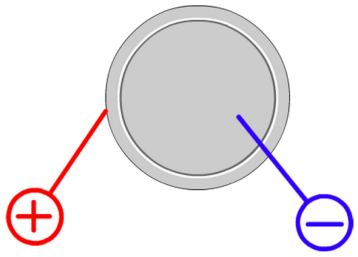
3506.076.G
77.
Dial support

8200
78.
Moebius 8200

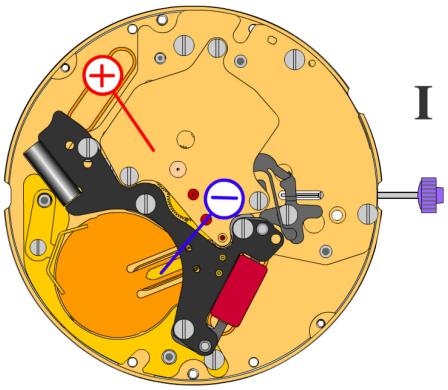
9014
79.
Moebius 9014

124
80.
Jismaa 124

9020
81.
Moebius 9020

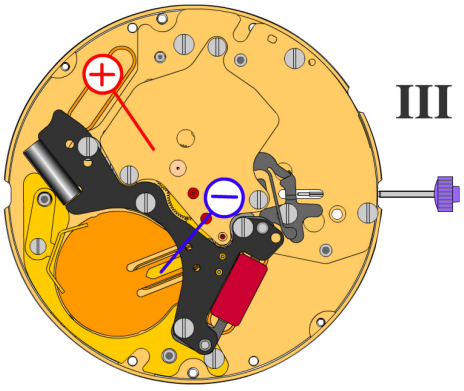


Battery	**381**
Voltage	**1.55 V**



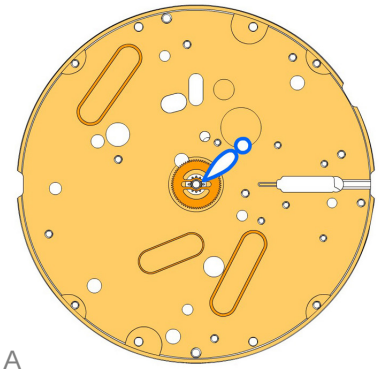
Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:

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



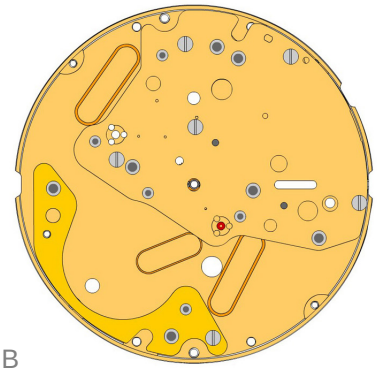
Setting stem in position III, 60 s measuring interval:

Typical consumption	***0.10 µA***
Maximal consumption	***0.30 µA***



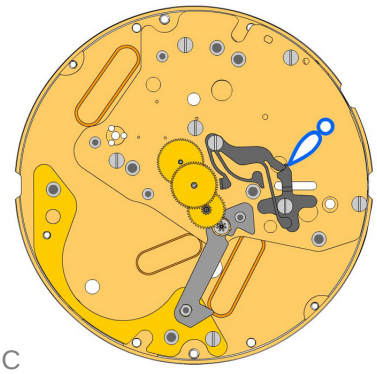
A

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

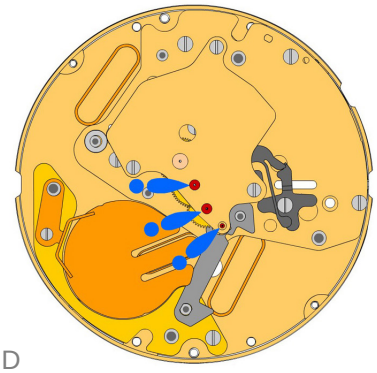


B

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)

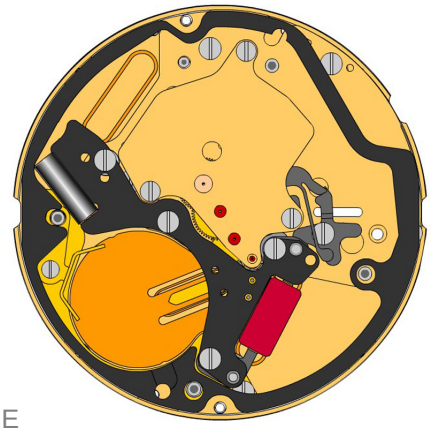


C



D

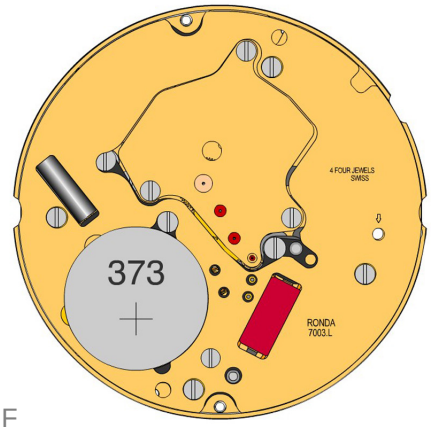
2020.169.G 16.		Train wheel bridge Train wheel bridge held by 3 screws 4000.244.
4000.244 17.		Screws
3603.080 18.		Battery insulator
3601.120.G 19.		Battery clamp + Battery clamp held by 1 screw 4000.248.
4000.248 20.		Screw
3503.071 21.		Tube



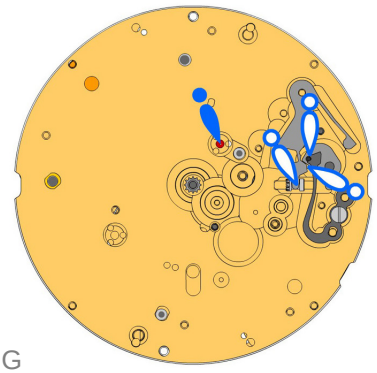
E

3612.195 22.		Electronic module Electronic module held by 4 screws 4000.250.
4000.250 23.		Screw
3603.081 24.		Spacer

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

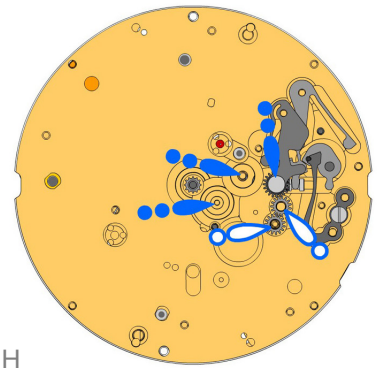


F



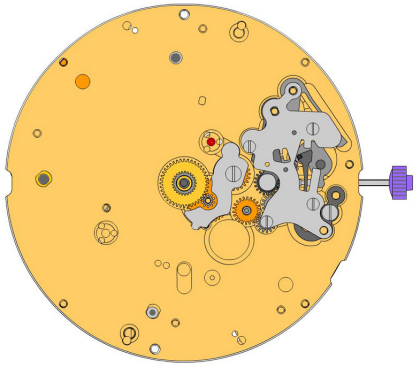
G

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.

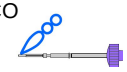


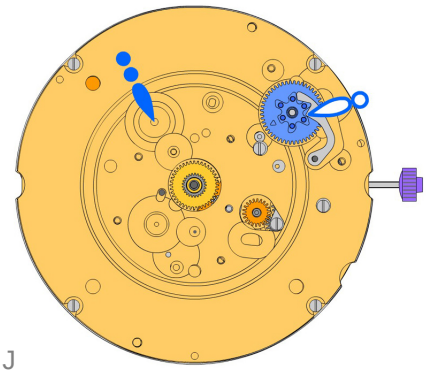
H

3004.200 34.		Corrector setting wheel
3004.200 35.		Corrector setting wheel
3015.078.CO 36.		Rocking bar (3 positions) Tensioning the spring arm.



I

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



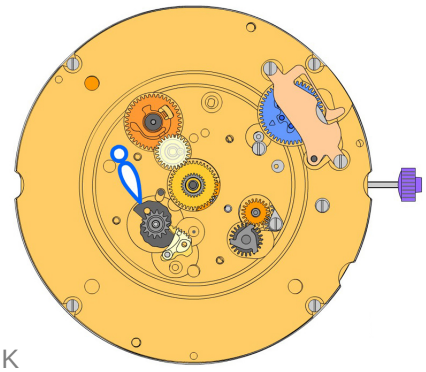
J

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



K

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

L

2130.188
58.
Date indicator plate

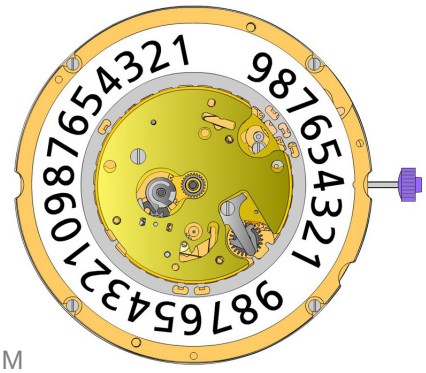
3905.068
59.
Date corrector spring
Date corrector spring held by 1 screw 4000.244.

3905.066
60.
Day rack lever spring

3500.069
61.
Day jumper
Tensioning the spring arm.

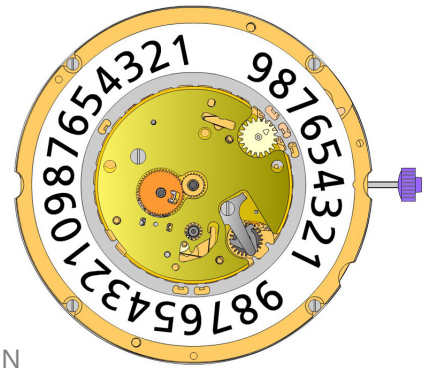
3500.068
62.
Date jumper

3504.229.AF.1.A
63.
Units indicator (standard)
Nick of the indicator at 3 o`clock.



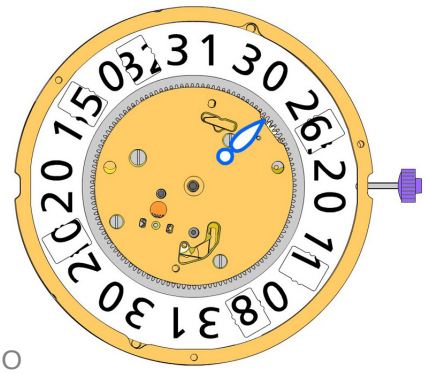
M

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.



N

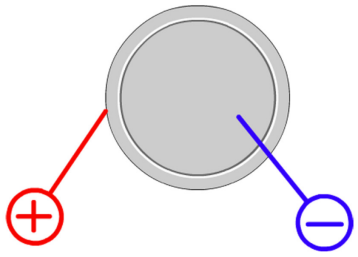
3004.212 68.		Days driving wheel Insert the tooth of the wheel in the flange gap, while turning softly in counterclockwise direction to ensure correct position of the day finger.
3401.082.FI 69.		Day indicator pinion
3147.062 70.		Tens intermediate wheel Arrow positioning radially outwards.
3315.003 71.		Friction spring



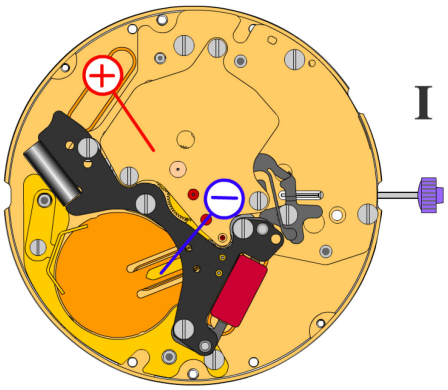
O

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

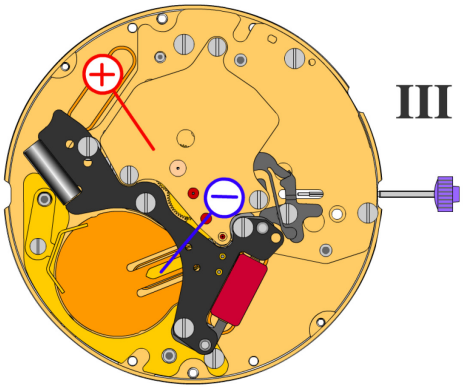


Battery	**381**
Voltage	**1.55 V**



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***