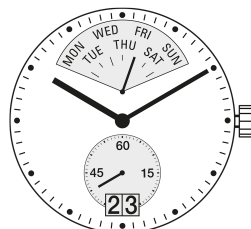
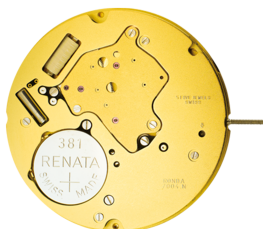


Quartz Movements

特别功能

朗达 超值系列

型号 7004.N - 15'''



产品规格

指针式石英机芯

系列

超值系列

型号

7004.N

尺寸

15'''

版本 瑞士制造

6 钻石 / 金色 更换电池提示

电池寿命

48 月

标准针高

1

特点

- 金属机芯，可修理
- 拉停把心省电功能：节省大概70%耗电
- 大日历可快调

功能

- 特别功能
- 回拨式星期指针
- 两针
- 大日历
- 小秒针

Quartz Movements

特别功能

朗达 超值系列

型号 7004.N - 15'''

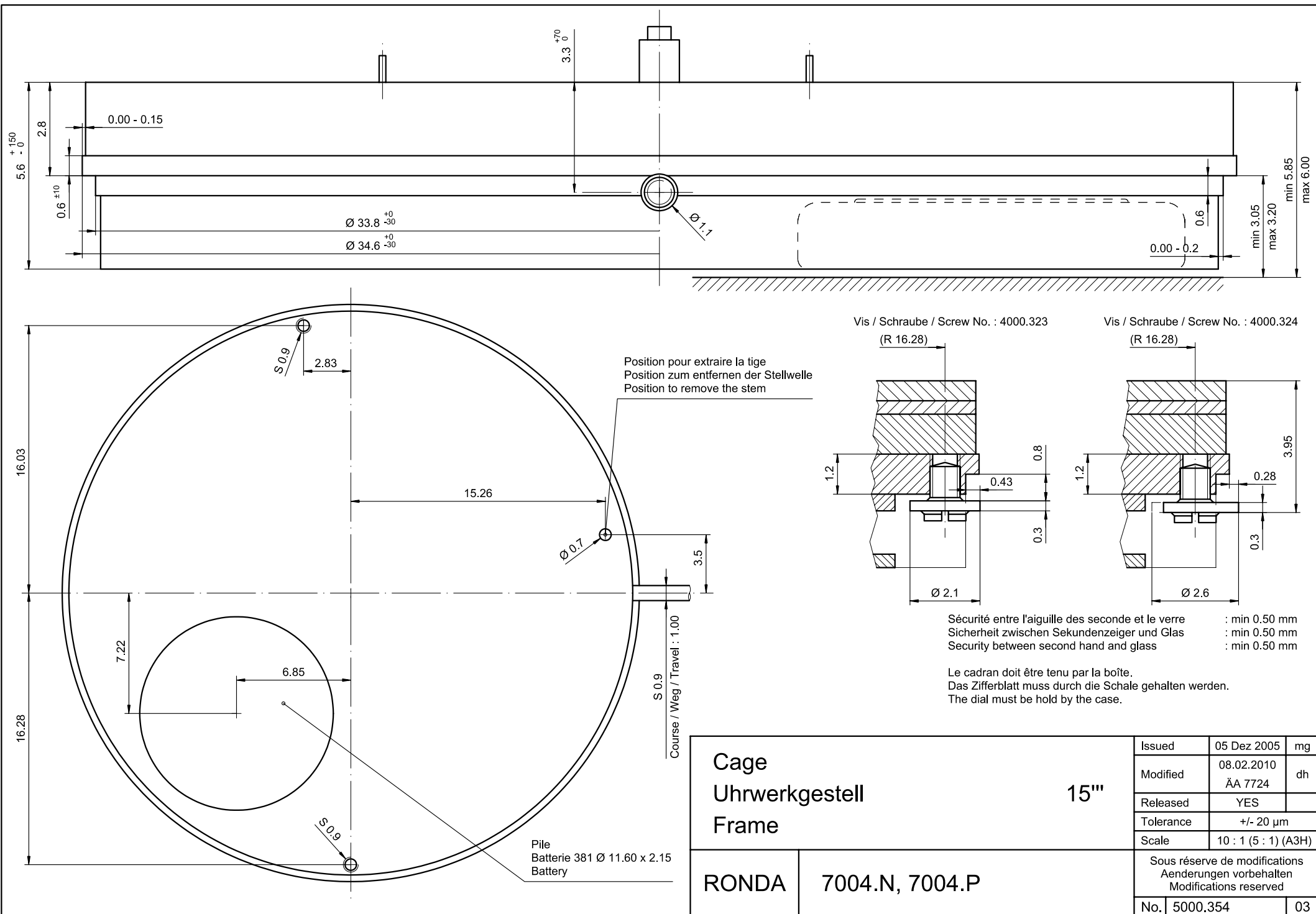
技术规格

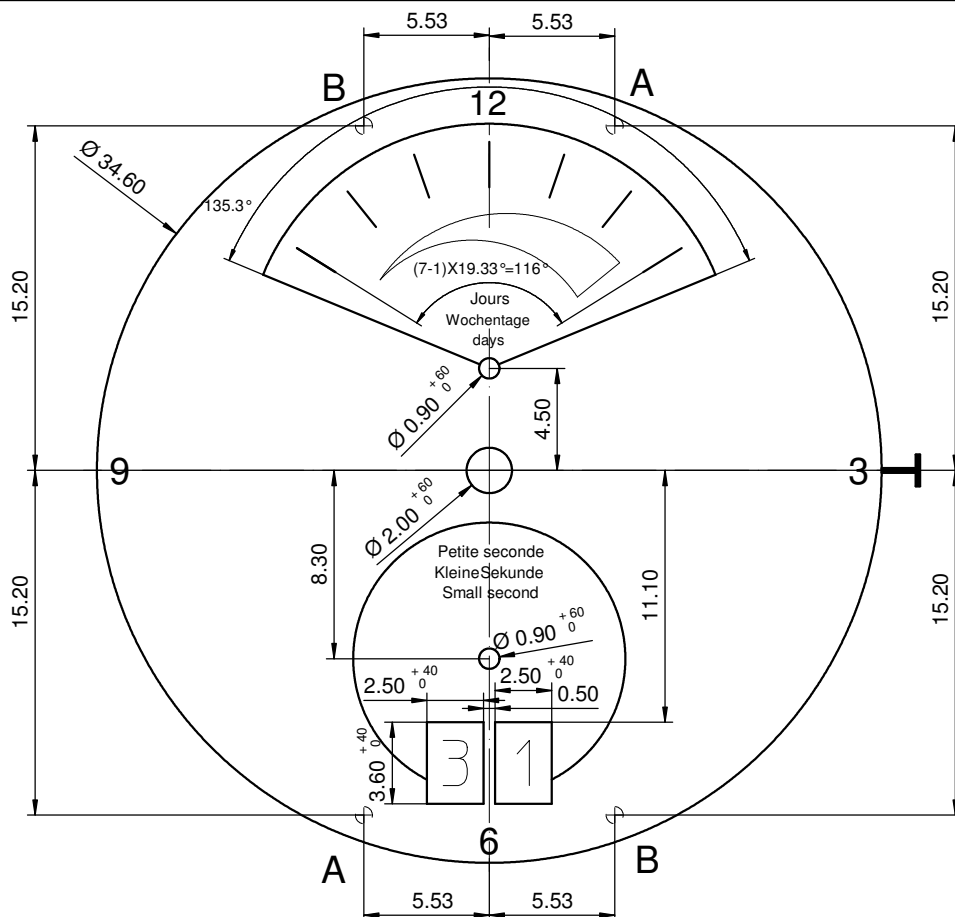
机芯直径	34.60 mm
内罩座位直径	33.80 mm
机芯厚度	5.60 mm
电池以上厚度	5.60 mm
机芯座位	0.60 mm
把中	3.30 mm
把心行程	1.00 mm
把心螺纹直径	0.90 mm
秒针运行扭力 - 一般情况下	10 μ Nm
分针运行扭力 - 一般情况下	500 μ Nm
运作温度	0 - 50 °C
误差率	-10/ +20 秒/月
防磁度	18.8 Oe
防震度	NIHS 91-10

电池规格

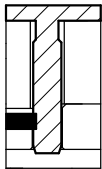
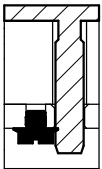
电池类型	型号 381
电池寿命	48 月
电压	1.5 V
电耗 - 一般情况下	1.43 μ A (日历不在跳动当中)
电耗 - 上限	3.1 μ A (日历不在跳动当中)

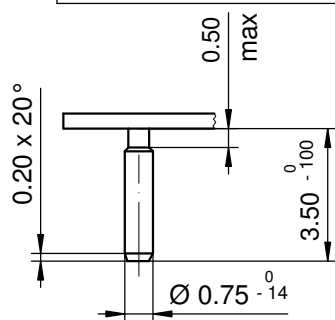








Disponibiles positions pour pieds de cadran / Available dial feet positions / Verfügbare Zifferblatffusspositionen

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

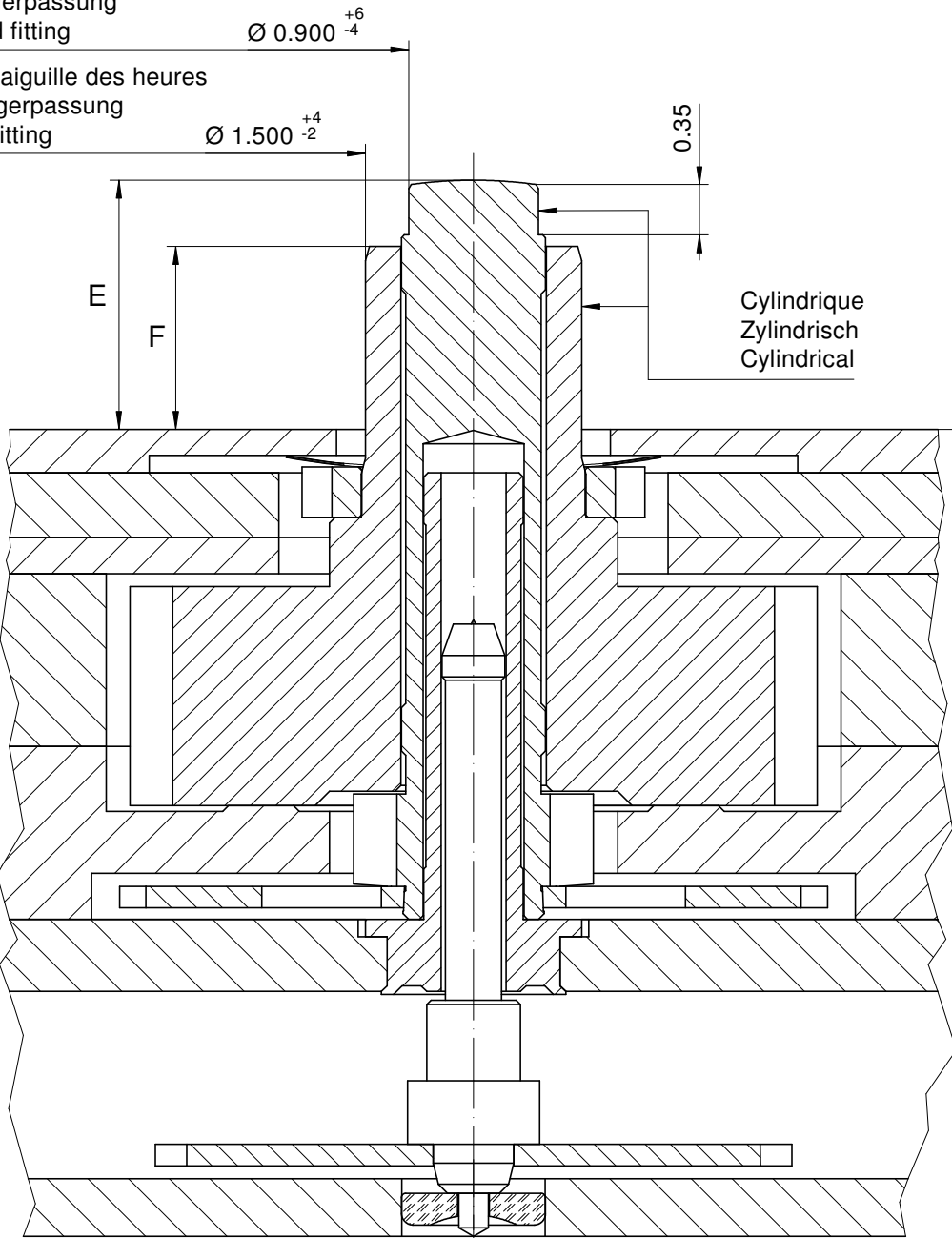
7004.N

Sous réserve de modifications
Änderungenvorbehalten
Modifications reserved

No.	5010.772	02
-----	----------	----

Ajustement aiguille des minutes
Minutenzeigerpassung
Minute hand fitting

Ajustement aiguille des heures
Stundenzeigerpassung
Hour hand fitting

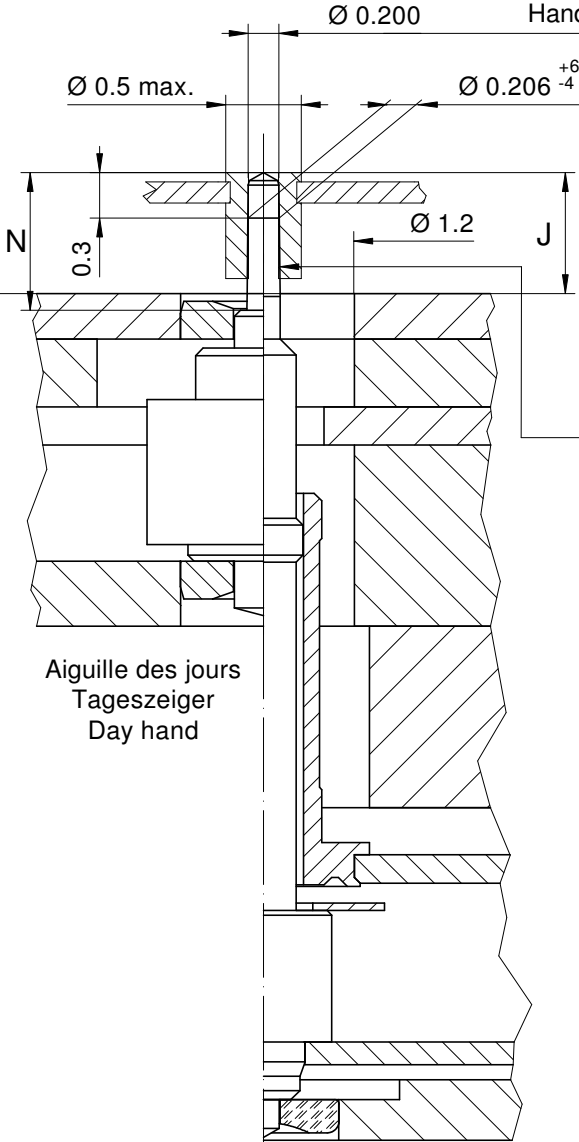


Heures / minutes
Stunden / Minuten
Hours / minutes

Appui cadran
Zifferblattaufage
Dial seat

Cylindrique
Zylindrisch
Cylindrical

Ajustement aiguille
Zeigerpassung
Hand fitting



Aiguille des jours
Tageszeiger
Day hand

Petite seconde
Kleine Sekunde
Small second

Conicité
Konizität
2% Conicity

Aiguillages
Zeigerwerkhöhe
Hand fitting height

Dépassement
Höhe über Zifferblattaufage
Height over dial seat

No	Chaussée Minutenrohr Cannon-pinion	Roue des heures Stundenrad Hour wheel	Petite seconde Kleine Sekunde Small second	Pignon des jours rétrograde Tagesantriebsrad Day pinion retrograde	
	E	F	J	J	
1	1.73	1.27	0.80	0.80	0.90
-					

Aiguillages
Zeigerwerkhöhe
Hand fitting height

Peinture comprise / inkl. Farbe / Paint included

Epaisseur maximum du cadran
Maximale Zifferblattstärke
Maximum dial thickness

No	Sous l'aiguille des minutes Unter Minutenzeiger Under minute hand	Sous l'aiguille des heures Unter Stundenzeiger Under hour hand	Sous l'aiguille de petite seconde Unter kleine Sekundenzeiger Under small second hand	Sous l'aiguille des jours rétrograde Unter Tageszeiger retrograd Under Day hand retrograde	Epaisseur des aiguilles Zeigerdicke Hands thickness
	1	1.30	0.85	0.40	
-					

		Aig. des minutes Minutenzeiger Minute hand	Aig. des heures Stundenzeiger Hour hand	Aig. petite secondes Kleine Sekundenzeiger Small second hand	Aig. des jours rétrograde Tagesantriebsrad 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.	30	30	10	10	Masse / Masse / Weight *
μNm	max.	0.70	0.70	0.08	0.40	Balourd / Unwucht / Unbalance *
gmm^2	max.	-	-	0.2	1.0	Inertie / Massenträgheit / Inertia *
N	max.	40	40	30	30	Force de chassage / Aufpresskraft / Force

Aiguillages
Zeigerwerkhöhen 15"
Hand fitting heights

RONDA

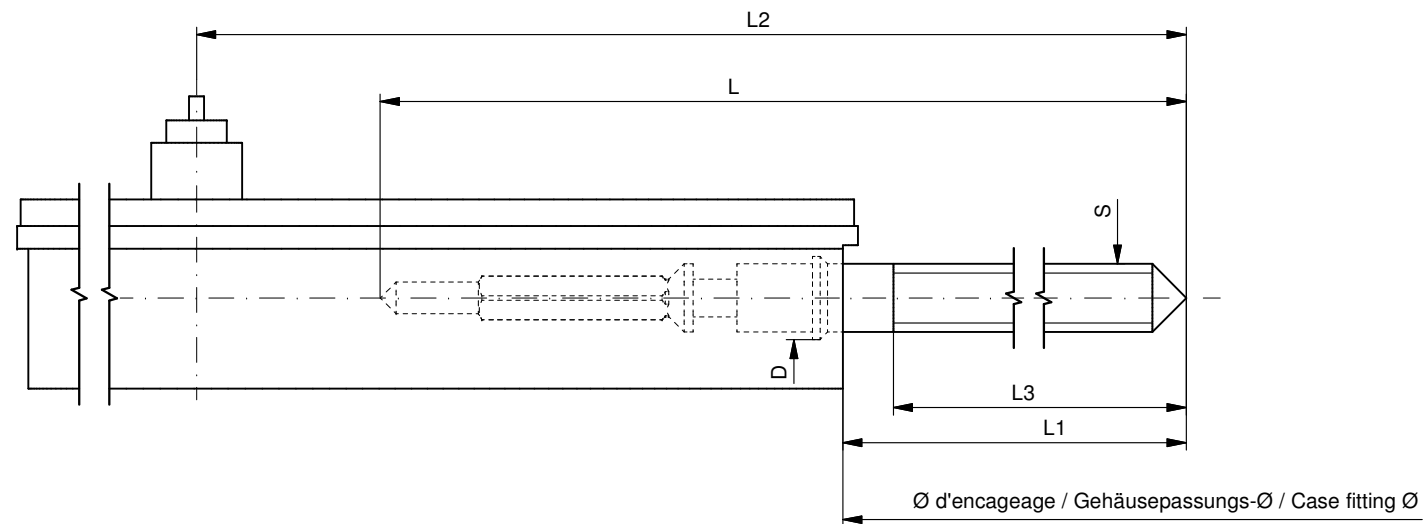
7004.N, 7004.P

Issued	22 Aug 2007	dh
Modified	15 Okt 2014 ÄÄ 13275	dh
Released	YES	
Tolerance	μm	
Scale	20:1 (A3H)	
Sous réserve de modifications Änderungen vorbehalten Modifications reserved		
No.	3316.105	05

* 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

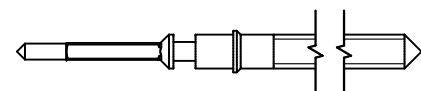
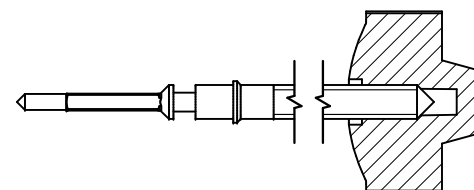


Tige de travail (intégrée dans le mouvement)
Arbeitsstellwelle (im Werk eingebaut)
Working stem (implemented in the movement)

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

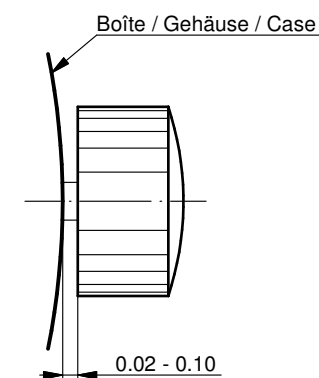
Tige (normale) / Stellwelle (normal) / Stem (normal)

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



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

Couronne normale
Normale Krone
Normal crown

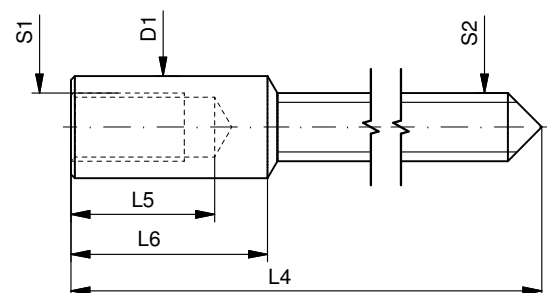


Couronne vissée
Geschraubte Krone
Screwed crown

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 Äenderungen 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.

中文 使用手册
机芯型号

朗达 标准系列

– 6203.B

朗达 大师系列

– 7003.L

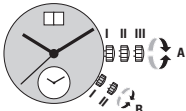
– 7003.N

– 7004.N

– 7004.P

瑞士朗达是一个机芯供应商, 没有参与制造或分销成表。

若有任何手表相关之疑问, 如维修、保证期内投诉或手表功能问题, 请联络手表零售商、服务中心或制造商。所有联络资料可向您的销售员查询或参考保证文件。



Cal. 6203.B

把的 A

把的位置. I 空槽位置 (腕表运行)

把的位置. II 日期速调模式

以上型号机芯可以在日历转换时段(10:00 PM至12 PM)速调日历, 若在这时段内设定日期, 必须比正确日期多转一天. 因机芯在12PM后不再自动转换日期.

– 把的拉至位置 II (腕表继续运行).

– 转动把的至正确日期

– 推把的回位置 I

把的位置. III 设定时间 (连同第二区时间)

– 把的拉至位置 III (腕表停止运行).

– 转动把的至正确时间

(留意24小时之上 / 下午时段).

– 推把的回位置 I

Cal. 6203.B

把的 B

把的位置. I 空槽位置

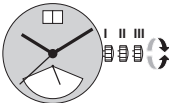
把的位置. II 设定第二区时间

当设定第二区时间的时候, 把的A必须要在把的位置 I

– 把的拉至位置 II

– 转动把的至目标时间

– 推把的回位置 I



Cal. 7003.L



Cal. 7003.N



Cal. 7004.N



Cal. 7004.P

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.L / 7003.N / 7004.N / 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 (Ø 9.5 mm x 1.6 mm)

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

Battery type: CR 2016 (Ø 20 mm x 1.6 mm)

Precision: +20/-10 seconds per month

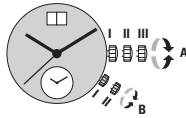


User’s Manual English
Movements Caliber

RONDA normtech	RONDA mastertech
– 6203.B	– 7003.L
	– 7003.N
	– 7004.N
	– 7004.P

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.

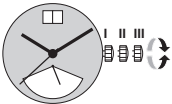


Cal. 6203.B

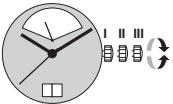
- Crown A**
- Pos. I Position of rest** (watch running)
- Pos. II Quick-change correction for date**
The date can also be corrected during the day-changing phase between 10.00 pm and midnight. The date of the following day has to be set, because no automatic date change takes place at midnight.
- Pull 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

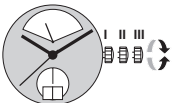
- Crown B**
- Pos. I Position of rest**
- Pos. II Setting the time of the 2nd time zone**
During the time setting of the 2nd time zone, crown A must be in position I.
- Pull the crown out to position II.
 - Turn the crown, until the desired time is displayed.
 - Push the crown back into position I.



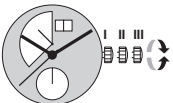
Cal. 7003.L



Cal. 7003.N



Cal. 7004.N



Cal. 7004.P

把的位置. I 空槽位置 (腕錶運行)

把的位置. II 日期速調模式

以上型号机芯可以在日历转换时段(08:00 PM至12 PM)速调日历, 若在这时段内设定日期, 必须比正确日期多转一天. 因机芯在12PM后不再自动转换日期.

- 把的拉至位置 II (腕表继续运行).
- 转动把的至正确日期
- 推把的回位置 I

把的位置. III 设定时间

- 把的拉至位置 III (腕表停止运行).
- 转动把的至正确时间 (留意24小时之上 / 下午时段).
- 推把的回位置 I

设定星期

以上型号机芯不可以快速设定星期

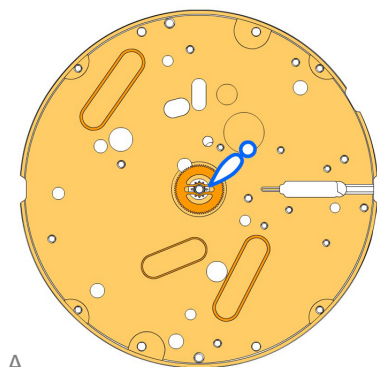
- 把的拉至位置 III / 腕表停止运行
- 转动把的使表针向前行, 直至显示正确的星期
- 把的拉至位置 II 使用速调至正确日期
- 推把的回位置 I

Cal. 6203.B
电池种类: 373/SR916SW (Ø 9.5 mm x 1.6 mm)

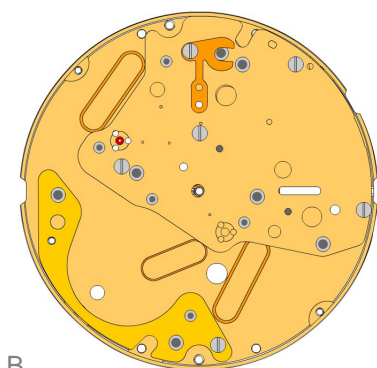
Cal. 7003.L / 7003.N / 7004.N / 7004.P
电池种类: CR 2016 (Ø 20 mm x 1.6 mm)

误差规格: +20 / -10 秒(每月)

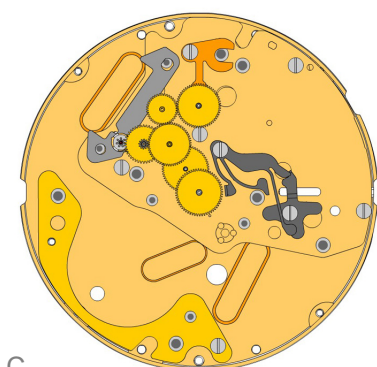




A



B



C

2000.669.G

1.



Main Plate

3305.363.CO

2.



Cannon pinion with driver B (Aig.1)

2030.028.CO

3.



Centre bridge

Centre bridge held by 3 screws 4000.250.

4000.250

4.



Screw

3406.039

5.



Sliding attachment

Sliding attachment held by 1 screw 4000.250.

2130.181.CO

6.



Combined maintaining plate

Combined maintaining plate held by 1 screw 4000.250.

4000.250

7.



Screw

3016.028

8.



Lever for setting lever

Lever for setting lever held by 1 screw 4000.249.

4000.249

9.



Screw

3016.027

10.



Stop lever

Stop lever Position held by 1 screw 4000.249.

4000.249

11.



Screw

3622.044

12.



Stator

3715.105.RK

13.



Rotor

3147.060.CO

14.



Intermediate wheel

3122.070.CO

15.



Third wheel

3136.174.CO

16.



Centre second wheel (Aig.1)

3004.203.CO

17.



Seconde intermediate wheel

3136.182.CO

18.



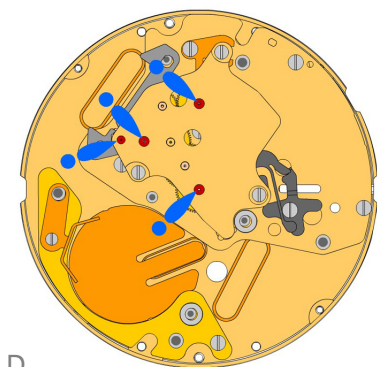
Small second wheel

3136.173.CO

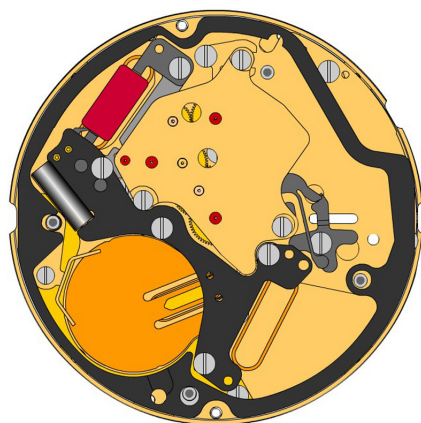
19.




Centre second wheel (Aig.1)



D




E

2020.170.G
20.  **Train wheel bridge**
Train wheel bridge held by 3 screws 4000.250.

4000.244
21.  **Screws**

3603.080
22.  **Battery insulator**

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

4000.248
24.  **Screw**

3503.071
25.  **Tube**

3612.196
26.  **Electronic module**
Electronic module held by 5 screws 4000.250.

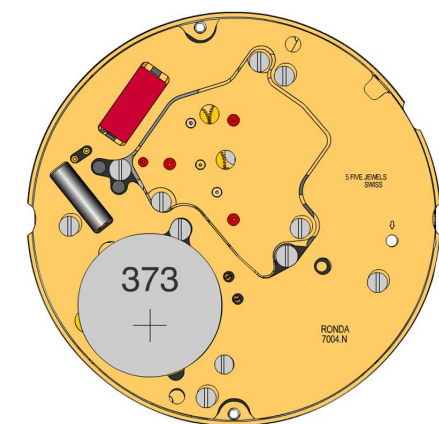
4000.250
27.  **Screw**

3603.081
28.  **Spacer**

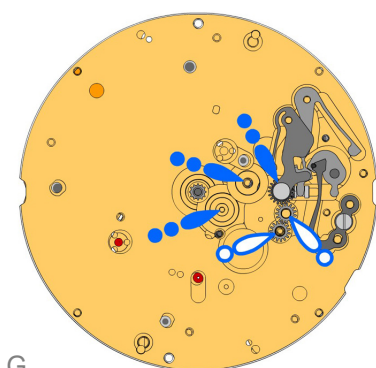
2130.183.G.M01.7004N
29.  **Electronic module cover**
Electronic module cover held by 4 screws 4000.244.

4000.244
30.  **Screws**

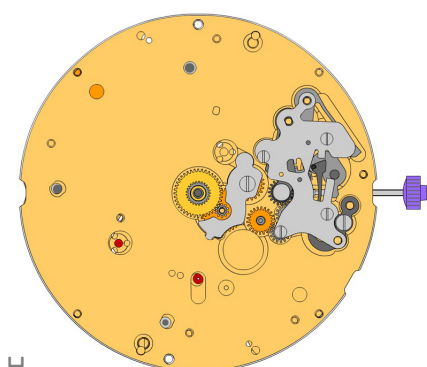
3600.032.HGF
31.  **Battery 381**





















F

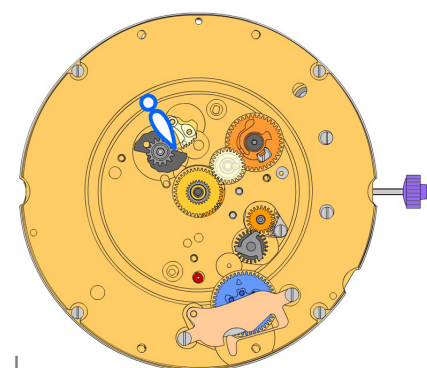
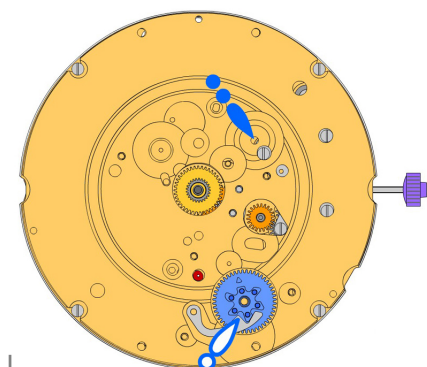


G



H

2000.669.G 32.		Main Plate
3017.054.CO 33.		Setting lever
3905.063 34.		Setting lever jumper (3 positions) Setting lever jumper held by 1 screw 4000.282.
4000.282 35.		Screw
3001.061.FI 36.		Sliding pinion
3015.077 37.		Yoke (3 positions) Tensioning the spring arm.
3004.200 38.		Corrector setting wheel
3004.200 39.		Corrector setting wheel
3015.078.CO 40.		Rocking bar (3 positions) Tensioning the spring arm.
2130.194 41.		Setting mechanism cover Setting mechanism cover held by 4 screws 4000.305.
4000.305 42.		Screws
3000.194.CO 43.		Stem
3004.204 44.		Intermediate setting wheel
3007.079.CO 45.		Minute wheel
2130.185 46.		Minute train bridge Minute train bridge held by 1 screw 4000.278.
4000.278 47.		Screw
3301.296.CO 48.		Hour wheel (Aig.1)
3147.066.CO 49.		Date corrector setting wheel



2000.672.G
50.



Main plate retro
Main plate retro held by 4 screws 4000.248.

4000.248
51.



Screw

3004.209
52.



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
53.



Tens jumper
Parts 3004.209 and 3500.073 must be exchanged together.

2130.187
54.



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

4000.279
55.



Screw

3004.208.CO
56.



Date indicator driving wheel

3147.061
57.



Intermediate date wheel

3404.006.CO
58.



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

3406.032
59.



Day rack

3406.031
60.



Day rack lever

3507.059.CO
61.



Date corrector wheel

2130.191
62.



Date indicator plate

3905.068
63.



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

3905.066
64.



Day rack lever spring
Tensioning the spring arm.

3500.069
65.



Day jumper
Tensioning the spring arm.

3500.068
66.

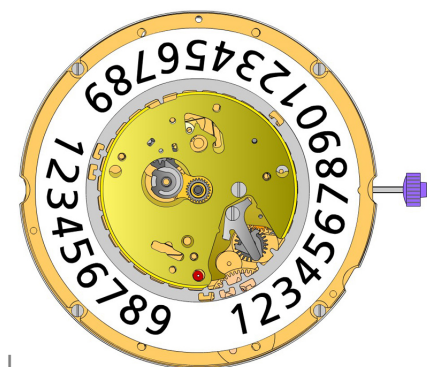


Date jumper

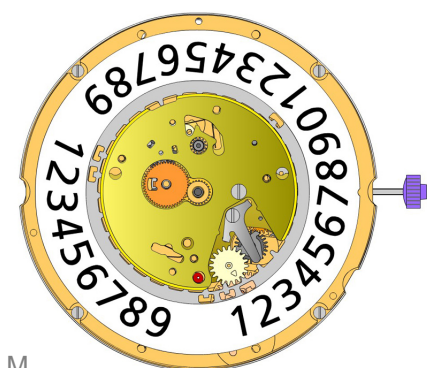
3504.234.AD.1.A
67.



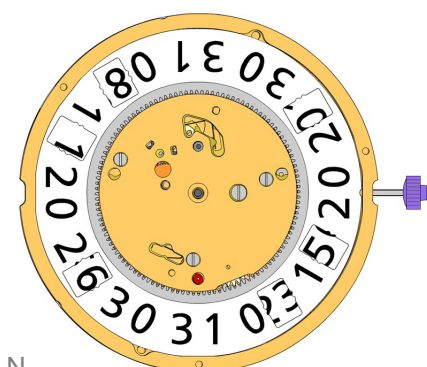
Units indicator (standard)
Nick of the indicator at 3 o'clock.








L












M







N

2130.192 68.		Date indicator maintaining plate Date indicator maintaining plate held by 1 screw 4000.250.
4000.250 69.		Screw
3905.064 70.		Date jumper spring Insert the date jumper spring in the provided opening.
3907.047 71.		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 72.		Day finger Position the end of the teeth against the day came pinion while turning softly in counterclockwise direction.

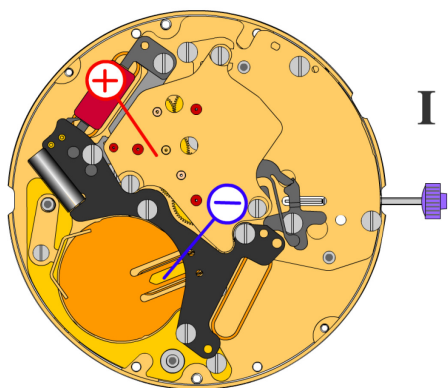
3004.212 73.		Days driving wheel Insert the tooth of the wheel in the flange gap, while turning softly in counterclockwise direction to ensure correct position of the day finger.
3401.082.FI 74.		Day indicator pinion
3147.062 75.		Tens intermediate wheel Arrow positioning radially outwards.
3315.003 76.		Friction spring
3504.231.AD.1.A 77.		Tens indicator (standard) Nick of the indicator at 3 o'clock.

2130.193.G 78.		Date mechanism maintaining plate (12h) Date mechanism maintaining plate held by 3 screws 4000.320.
4000.320 79.		Screw
3506.077.G 80.		Intermediate dial support Polished version first.
3506.076.G 81.		Dial support

8200 82.		Moebius 8200
9014 83.		Moebius 9014
124 84.		Jismaa 124
9020 85.		Moebius 9020

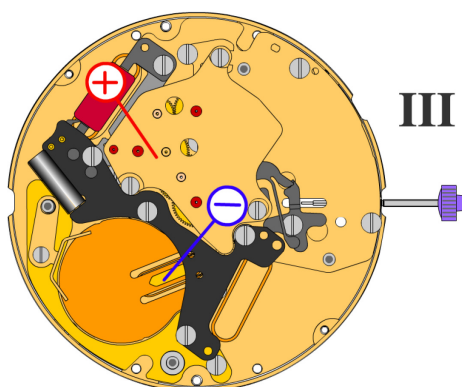


Battery	381
Voltage	1.55 V



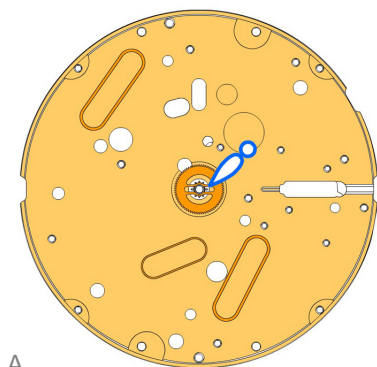
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

Typical consumption	1.43 μA
Maximal consumption	3.10 μA
Rate	-10s/M. .. +20s/M.
Lower working voltage limit	1.20 V

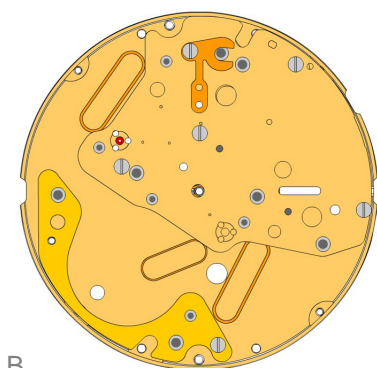


Setting stem in position III, 60 s measuring interval:

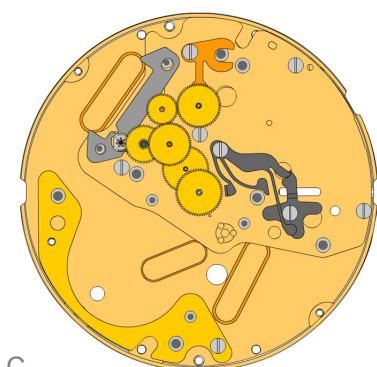
Typical consumption	0.10 μA
Maximal consumption	0.30 μA



A



B



C

2000.669.G

1.



Main Plate

3305.363.CO

2.



Cannon pinion with driver B (Aig.1)

2030.028.CO

3.



Centre bridge

Centre bridge held by 3 screws 4000.250.

4000.250

4.



Screw

3406.039

5.



Sliding attachment

Sliding attachment held by 1 screw 4000.250.

2130.181.CO

6.



Combined maintaining plate

Combined maintaining plate held by 1 screw 4000.250.

4000.250

7.



Screw

3016.028

8.



Lever for setting lever

Lever for setting lever held by 1 screw 4000.249.

4000.249

9.



Screw

3016.027

10.



Stop lever

Stop lever Position held by 1 screw 4000.249.

4000.249

11.



Screw

3622.044

12.



Stator

3715.105.RK

13.



Rotor

3147.060.CO

14.



Intermediate wheel

3122.070.CO

15.



Third wheel

3136.174.CO

16.



Centre second wheel (Aig.1)

3004.203.CO

17.



Seconde intermediate wheel

3136.182.CO

18.



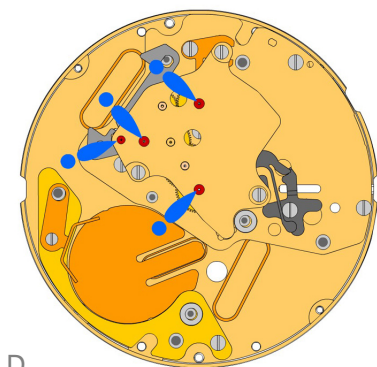
Small second wheel

3136.173.CO

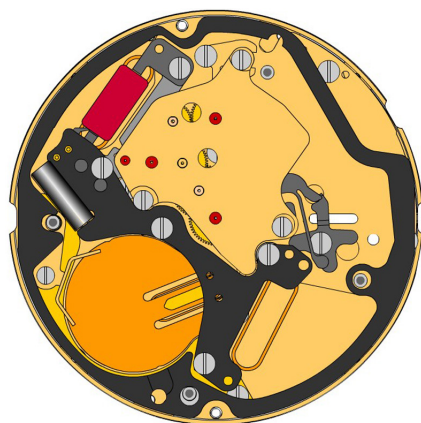
19.




Centre second wheel (Aig.1)



D




E

2020.170.G
20.  **Train wheel bridge**
Train wheel bridge held by 3 screws 4000.250.

4000.244
21.  **Screws**

3603.080
22.  **Battery insulator**

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

4000.248
24.  **Screw**

3503.071
25.  **Tube**

3612.196
26.  **Electronic module**
Electronic module held by 5 screws 4000.250.

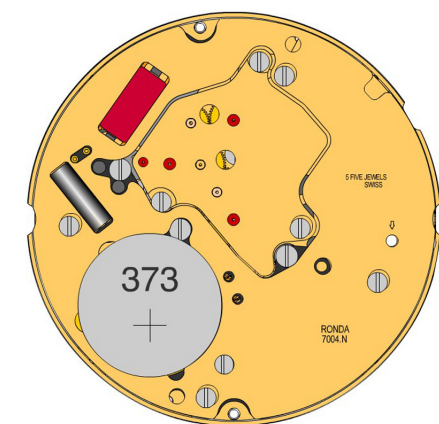
4000.250
27.  **Screw**

3603.081
28.  **Spacer**

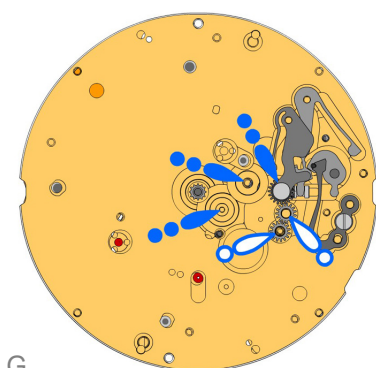
2130.183.G.M01.7004N
29.  **Electronic module cover**
Electronic module cover held by 4 screws 4000.244.

4000.244
30.  **Screws**

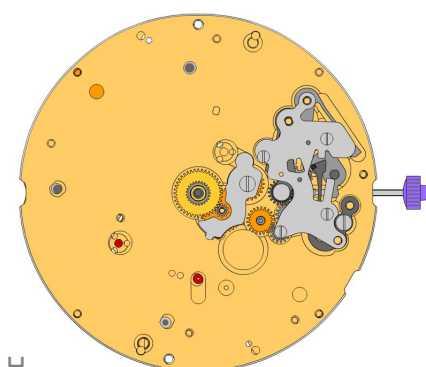
3600.032.HGF
31.  **Battery 381**



F



G



H

2000.669.G
32.



Main Plate

3017.054.CO
33.



Setting lever

3905.063
34.



Setting lever jumper (3 positions)
Setting lever jumper held by 1 screw 4000.282.

4000.282
35.



Screw

3001.061.FI
36.



Sliding pinion

3015.077
37.



Yoke (3 positions)
Tensioning the spring arm.

3004.200
38.



Corrector setting wheel

3004.200
39.



Corrector setting wheel

3015.078.CO
40.



Rocking bar (3 positions)
Tensioning the spring arm.

2130.194
41.



Setting mechanism cover
Setting mechanism cover held by 4 screws 4000.305.

4000.305
42.



Screws

3000.194.CO
43.



Stem

3004.204
44.



Intermediate setting wheel

3007.079.CO
45.



Minute wheel

2130.185
46.



Minute train bridge
Minute train bridge held by 1 screw 4000.278.

4000.278
47.



Screw

3301.296.CO
48.

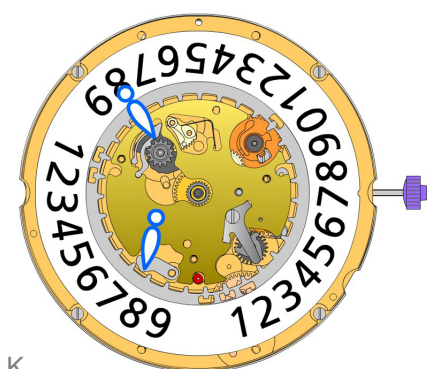
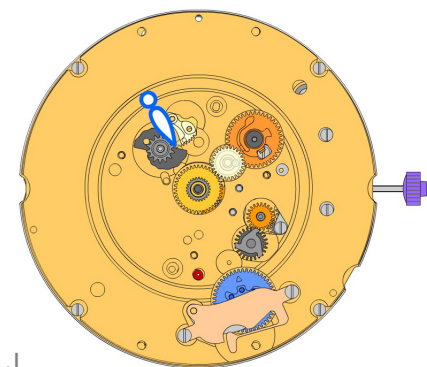
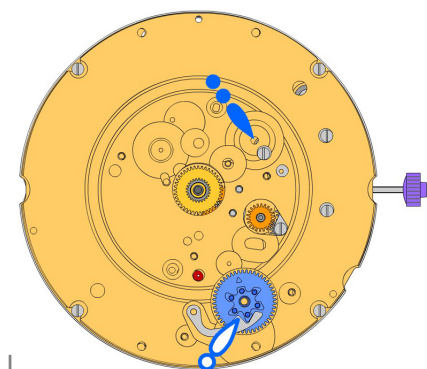






Hour wheel (Aig.1)









3147.066.CO
49.









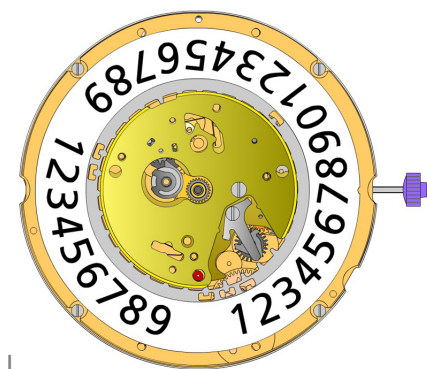
Date corrector setting wheel



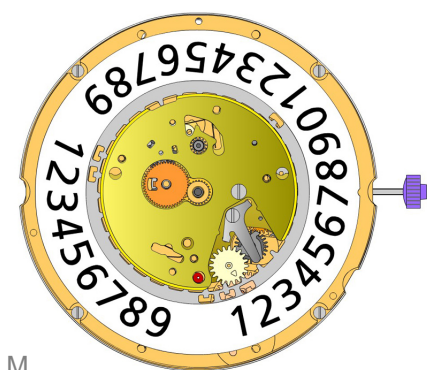
2000.672.G 50.		Main plate retro Main plate retro held by 4 screws 4000.248.
4000.248 51.		Screw
3004.220 52.		Tens indicator driving wheel The short tooth of the tens indicator driving wheel must point to the center of the movement.
3500.072 53.		Tens jumper

2130.187 54.		Tens jumper maintaining plate Tens jumper maintaining plate held by 2 screws 4000.279. Tensioning the spring arm.
4000.279 55.		Screw
3004.208.CO 56.		Date indicator driving wheel
3147.061 57.		Intermediate date wheel
3404.006.CO 58.		Day cam (12h) Place parts as shown on graphics.
3406.032 59.		Day rack
3406.031 60.		Day rack lever
3507.059.CO 61.		Date corrector wheel

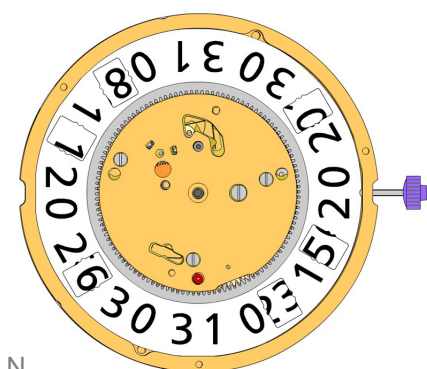
2130.191 62.		Date indicator plate
3905.068 63.		Date corrector spring Date corrector spring held by 1 screw 4000.244.
3905.066 64.		Day rack lever spring Tensioning the spring arm.
3500.069 65.		Day jumper Tensioning the spring arm.
3500.068 66.		Date jumper
3504.234.AD.1.A 67.		Units indicator (standard) Nick of the indicator at 3 o'clock.








L












M







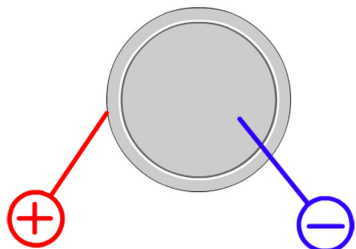
N

2130.192 68.		Date indicator maintaining plate Date indicator maintaining plate held by 1 screw 4000.250.
4000.250 69.		Screw
3905.064 70.		Date jumper spring Insert the date jumper spring in the provided opening.
3907.047 71.		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 72.		Day finger Position the end of the teeth against the day came pinion while turning softly in counterclockwise direction.

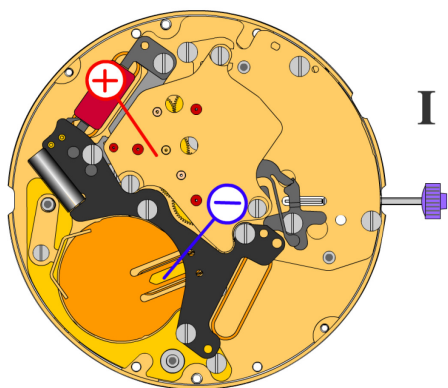
3004.212 73.		Days driving wheel Insert the tooth of the wheel in the flange gap, while turning softly in counterclockwise direction to ensure correct position of the day finger.
3401.082.FI 74.		Day indicator pinion
3147.062 75.		Tens intermediate wheel Arrow positioning radially outwards.
3315.003 76.		Friction spring
3504.231.AD.1.A 77.		Tens indicator (standard) Nick of the indicator at 3 o'clock.

2130.193.G 78.		Date mechanism maintaining plate (12h) Date mechanism maintaining plate held by 3 screws 4000.320.
4000.320 79.		Screw
3506.077.G 80.		Intermediate dial support Polished version first.
3506.076.G 81.		Dial support

8200 82.		Moebius 8200
9014 83.		Moebius 9014
124 84.		Jismaa 124
9020 85.		Moebius 9020

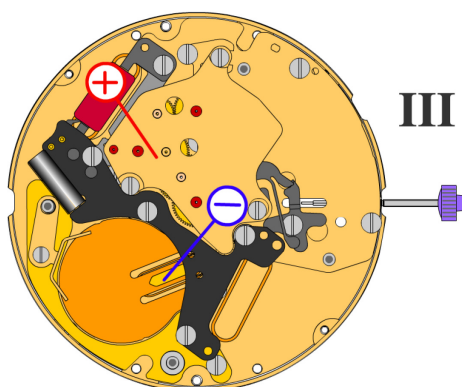


Battery	381
Voltage	1.55 V



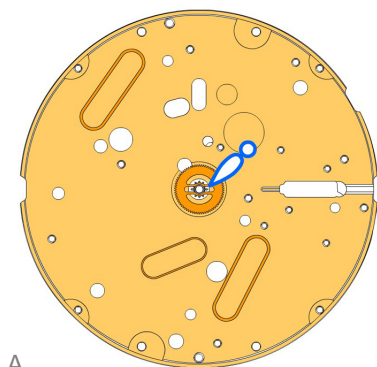
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

Typical consumption	1.43 μA
Maximal consumption	3.10 μA
Rate	-10s/M. .. +20s/M.
Lower working voltage limit	1.20 V

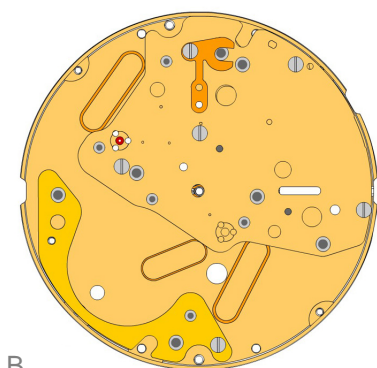


Setting stem in position III, 60 s measuring interval:

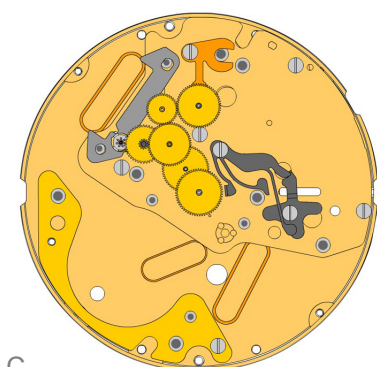
Typical consumption	0.10 μA
Maximal consumption	0.30 μA



A



B



C

2000.669.G

1.



Main Plate

3305.363.CO

2.



Cannon pinion with driver B (Aig.1)

2030.028.CO

3.



Centre bridge

Centre bridge held by 3 screws 4000.250.

4000.250

4.



Screw

3406.039

5.



Sliding attachment

Sliding attachment held by 1 screw 4000.250.

2130.181.CO

6.



Combined maintaining plate

Combined maintaining plate held by 1 screw 4000.250.

4000.250

7.



Screw

3016.028

8.



Lever for setting lever

Lever for setting lever held by 1 screw 4000.249.

4000.249

9.



Screw

3016.027

10.



Stop lever

Stop lever Position held by 1 screw 4000.249.

4000.249

11.



Screw

3622.044

12.



Stator

3715.105.RK

13.



Rotor

3147.060.CO

14.



Intermediate wheel

3122.070.CO

15.



Third wheel

3136.174.CO

16.



Centre second wheel (Aig.1)

3004.203.CO

17.



Seconde intermediate wheel

3136.182.CO

18.



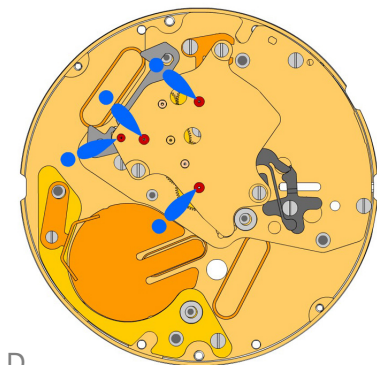
Small second wheel

3136.173.CO

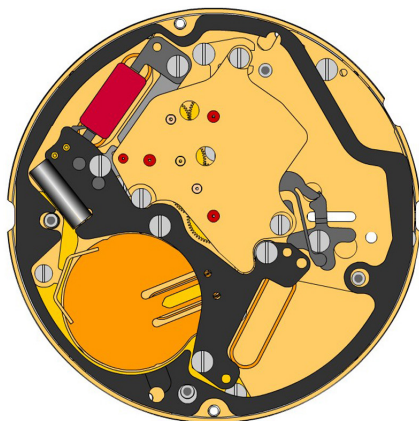
19.




Centre second wheel (Aig.1)



D




E

2020.170.G
20.  **Train wheel bridge**
Train wheel bridge held by 3 screws 4000.250.

4000.244
21.  **Screws**

3603.080
22.  **Battery insulator**

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

4000.248
24.  **Screw**

3503.071
25.  **Tube**

3612.196
26.  **Electronic module**
Electronic module held by 5 screws 4000.250.

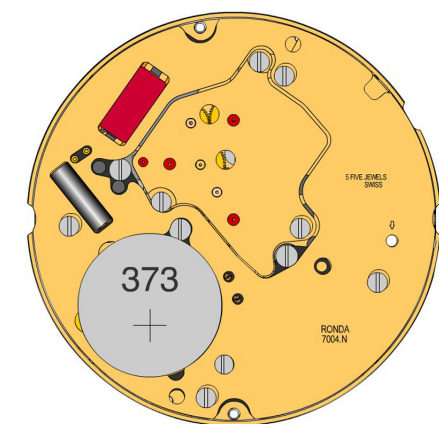
4000.250
27.  **Screw**

3603.081
28.  **Spacer**

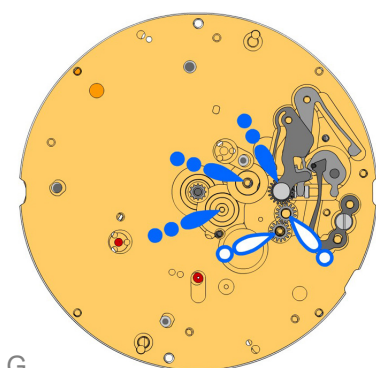
2130.183.G.M01.7004N
29.  **Electronic module cover**
Electronic module cover held by 4 screws 4000.244.

4000.244
30.  **Screws**

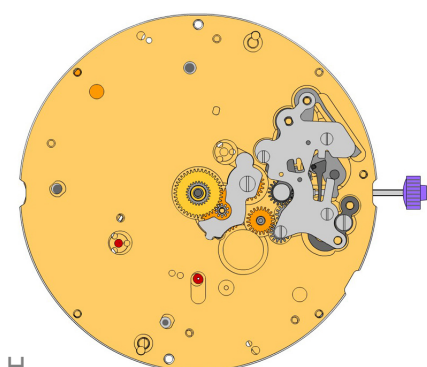
3600.032.HGF
31.  **Battery 381**














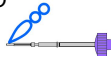






F

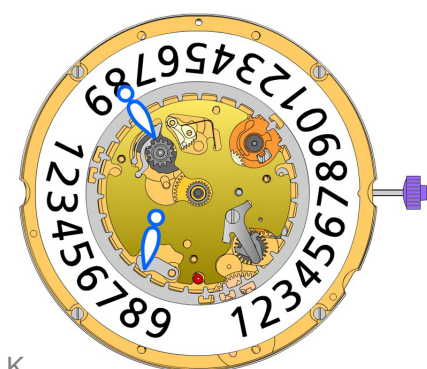
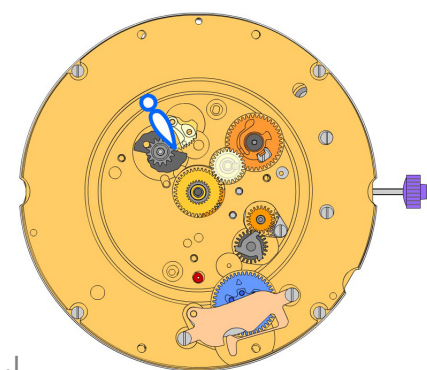
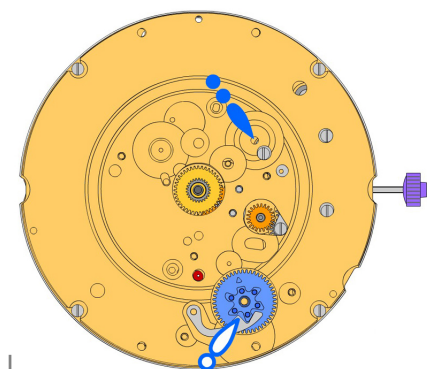






G

















H

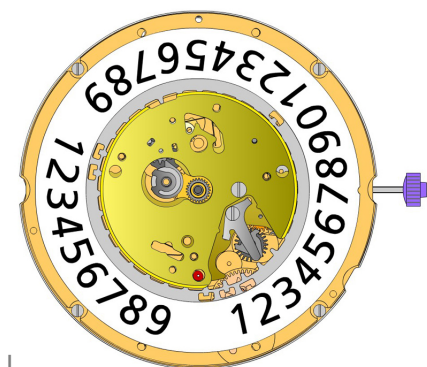
2000.669.G 32.		Main Plate
3017.054.CO 33.		Setting lever
3905.063 34.		Setting lever jumper (3 positions) Setting lever jumper held by 1 screw 4000.282.
4000.282 35.		Screw
3001.061.FI 36.		Sliding pinion
3015.077 37.		Yoke (3 positions) Tensioning the spring arm.
3004.200 38.		Corrector setting wheel
3004.200 39.		Corrector setting wheel
3015.078.CO 40.		Rocking bar (3 positions) Tensioning the spring arm.
2130.194 41.		Setting mechanism cover Setting mechanism cover held by 4 screws 4000.305.
4000.305 42.		Screws
3000.194.CO 43.		Stem
3004.204 44.		Intermediate setting wheel
3007.079.CO 45.		Minute wheel
2130.185 46.		Minute train bridge Minute train bridge held by 1 screw 4000.278.
4000.278 47.		Screw
3301.296.CO 48.		Hour wheel (Aig.1)
3147.066.CO 49.		Date corrector setting wheel



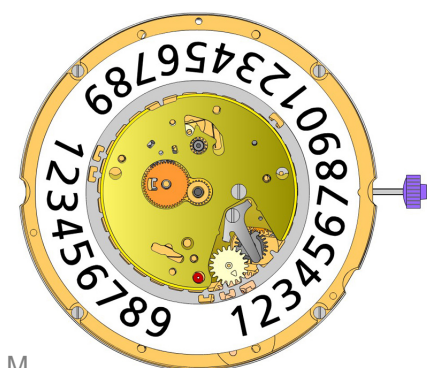
2000.672.G 50.		Main plate retro Main plate retro held by 4 screws 4000.248.
4000.248 51.		Screw
3004.220 52.		Tens indicator driving wheel The short tooth of the tens indicator driving wheel must point to the center of the movement.
3500.072 53.		Tens jumper

2130.187 54.		Tens jumper maintaining plate Tens jumper maintaining plate held by 2 screws 4000.279. Tensioning the spring arm.
4000.279 55.		Screw
3004.208.CO 56.		Date indicator driving wheel
3147.061 57.		Intermediate date wheel
3404.006.CO 58.		Day cam (12h) Place parts as shown on graphics.
3406.032 59.		Day rack
3406.031 60.		Day rack lever
3507.059.CO 61.		Date corrector wheel

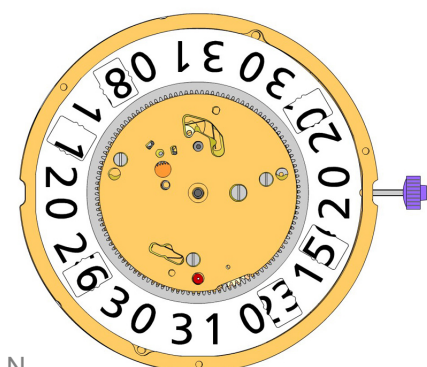
2130.191 62.		Date indicator plate
3905.068 63.		Date corrector spring Date corrector spring held by 1 screw 4000.244.
3905.066 64.		Day rack lever spring Tensioning the spring arm.
3500.069 65.		Day jumper Tensioning the spring arm.
3500.068 66.		Date jumper
3504.234.AD.1.A 67.		Units indicator (standard) Nick of the indicator at 3 o'clock.




















L

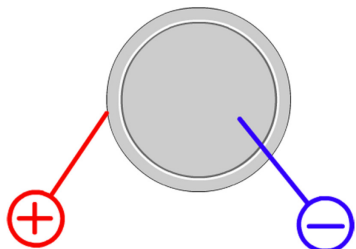


M

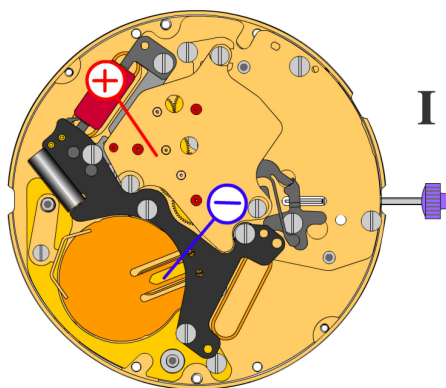


N

2130.192 68.		Date indicator maintaining plate Date indicator maintaining plate held by 1 screw 4000.250.
4000.250 69.		Screw
3905.064 70.		Date jumper spring Insert the date jumper spring in the provided opening.
3004.244 71.		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 72.		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 73.		Day indicator pinion
3147.062 74.		Tens intermediate wheel Arrow positioning radially outwards.
3315.003 75.		Friction spring
3504.231.AD.1.A 76.		Tens indicator (standard) Nick of the indicator at 3 o'clock.
2130.193.G 77.		Date mechanism maintaining plate (12h) Date mechanism maintaining plate held by 3 screws 4000.320.
4000.320 78.		Screw
3506.077.G 79.		Intermediate dial support Polished version first.
3506.076.G 80.		Dial support
8200 81.		Moebius 8200
9014 82.		Moebius 9014
124 83.		Jismaa 124
9020 84.		Moebius 9020

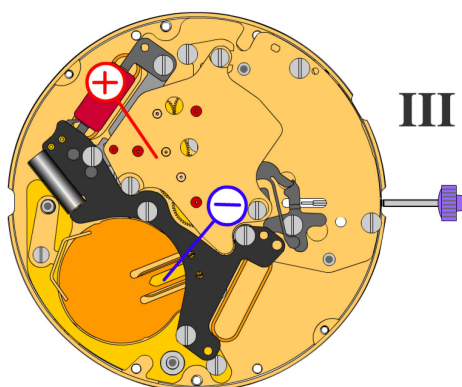


Battery	381
Voltage	1.55 V



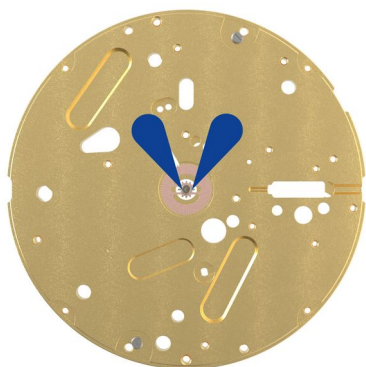
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*




Typical consumption	1.43 μA
Maximal consumption	3.10 μA
Rate	-10s/M. .. +20s/M.
Lower working voltage limit	1.20 V

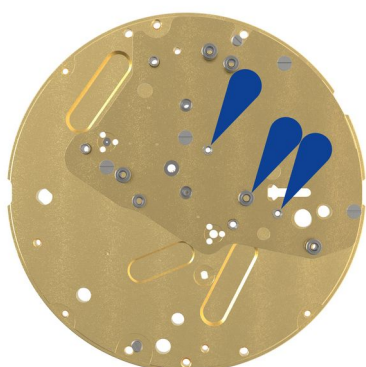








Setting stem in position III, 60 s measuring interval:

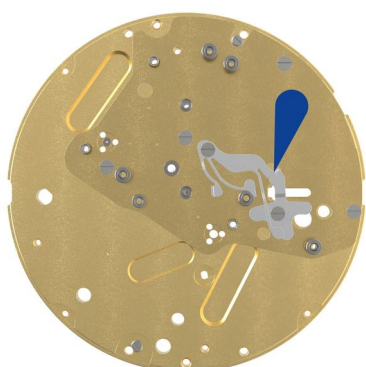
Typical consumption	0.10 μA
Maximal consumption	0.30 μA








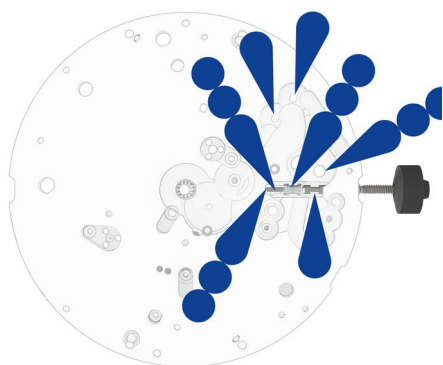
- | | | | |
|---|---|-------------|-----------------------|
| 1 |  | 2000.669.G | Main plate under side |
| 2 |  | 3305.363.CO | Cannon pinion (Aig.) |
| 3 |  | 8200 | Moebius 8200 |






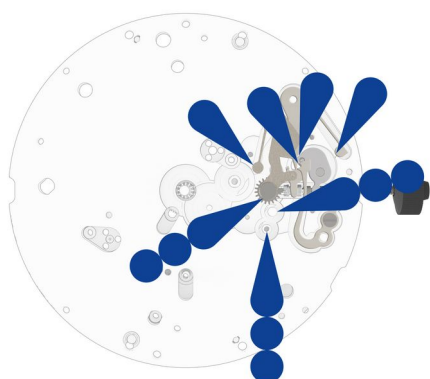
- | | | | |
|---|---|-------------|---------------|
| 4 |  | 2030.028.CO | Center bridge |
| 5 |  | 4000.250 | Screw |
| 6 |  | 4000.250 | Screw |
| 7 |  | 4000.250 | Screw |
| 8 |  | 4000.250 | Screw |
| 9 |  | 8200 | Moebius 8200 |









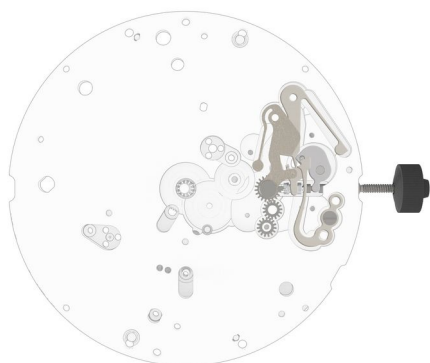
- | | | | |
|----|---|----------|-------------------------|
| 10 |  | 3016.027 | Stop lever |
| 11 |  | 4000.249 | Screw |
| 12 |  | 3016.028 | Lever for setting lever |
| 13 |  | 4000.249 | Screw |
| 14 |  | 8200 | Moebius 8200 |




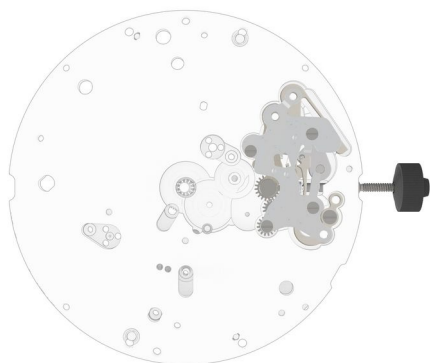
- | | | | |
|----|---|-------------|-----------------------------|
| 15 |  | 3001.061.FI | Sliding pinion |
| 16 |  | 3000.194.CO | Working stem (dual) |
| 17 |  | 8200 / 9020 | Moebius 8200 / Moebius 9020 |








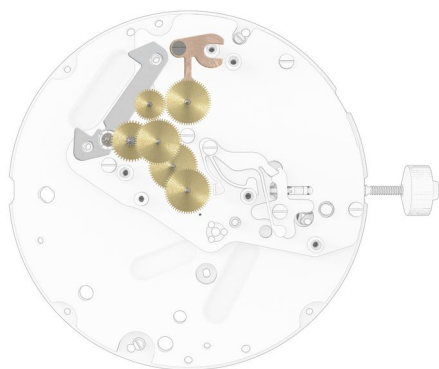
- | | | | |
|----|---|-------------|---|
| 18 |  | 3017.054.CO | Setting lever |
| 19 |  | 3015.077 | Yoke
Tensioning the spring arm. |
| 20 |  | 3905.063 | Setting lever jumper |
| 21 |  | 4000.282 | Screw |
| 22 |  | 3015.078.CO | Hand setting pinion rocking bar
Tensioning the spring arm. |
| 23 |  | 8200 / 9020 | Moebius 8200 / Moebius 9020 |













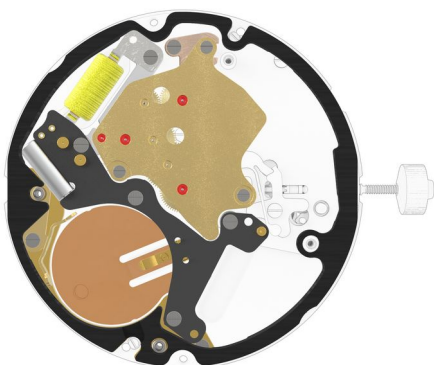
- | | | | |
|----|---|----------|-------------------------|
| 24 |  | 3004.200 | Corrector setting wheel |
| 25 |  | 3004.200 | Corrector setting wheel |





























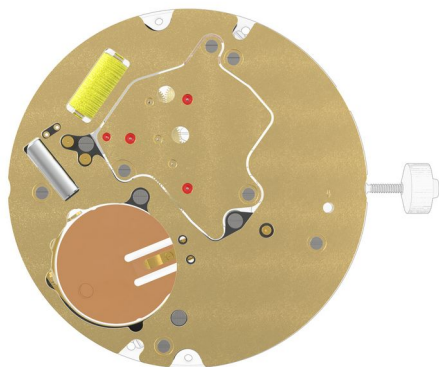
26		2130.194	Setting mecanism cover
27		4000.305	Screw
28		4000.305	Screw
29		4000.305	Screw
30		4000.305	Screw




31		3406.039	Sliding attachement
32		4000.250	Screw
33		3715.105.RK	Rotor
34		3622.044	Stator
35		3136.182.CO	Small second wheel (Aig.)
36		3004.203.CO	Reverse wheel
37		3147.060.CO	Intermediate wheel
38		3122.070.CO	Third wheel
39		3136.173.CO	Second wheel (Aig.)
40		3136.174.CO	Center second wheel (Aig.)




41		2020.170.G	Train wheel bridge
42		4000.244	Screw
43		4000.244	Screw
44		9014	Moebius 9014
45		2130.181.CO	Combined maintaining plate
46	 	4000.250	Screw
47		3601.120.G	Battery clamp (+)
48	 	4000.248	Screw
49		3603.080	Battery insulator
50	 	3503.071	Tube
51	 	3503.071	Tube
52		3612.196.RK	Electronic module
53	 	4000.250	Screw
54	 	4000.250	Screw
55	 	4000.250	Screw
56	 	4000.250	Screw
57	 	4000.250	Screw




58  3603.081 Spacer

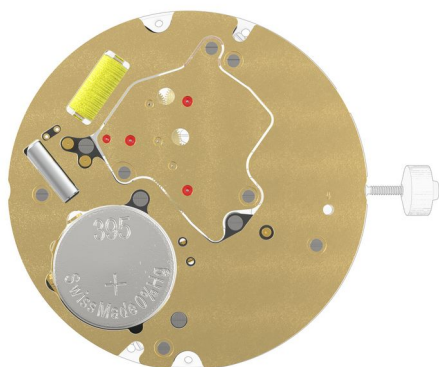
59  2130.183.G.M01.7004.N Electronic modul cover

60  4000.244 Screw

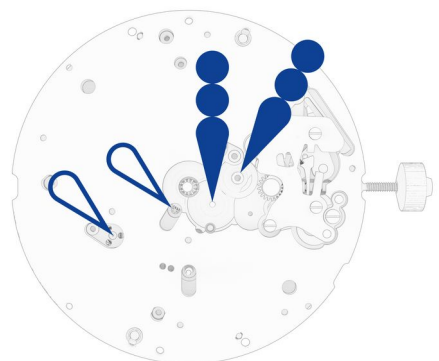
61  4000.244 Screw

62  4000.244 Screw

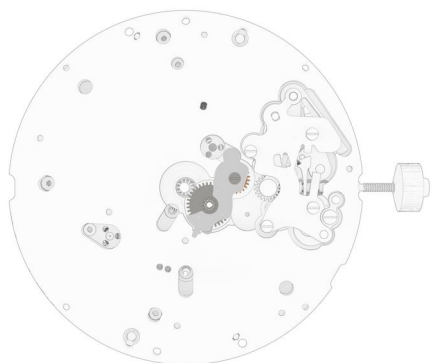
63  4000.244 Screw





64  3600.032.HGF Battery 381 (Ø 11.60 x 2.05)




65  9014 / 9020 Moebius 9014 / Moebius 9020

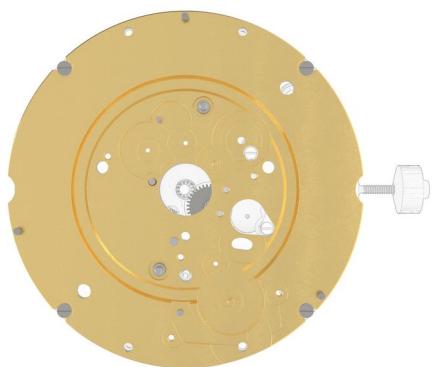



66  3004.204 Intermediate setting wheel


67  3007.079.CO Minute wheel


68  2130.185 Minute train bridge


69  4000.278 Screw




70  2000.672.G Main plate retro


71  4000.248 Screw

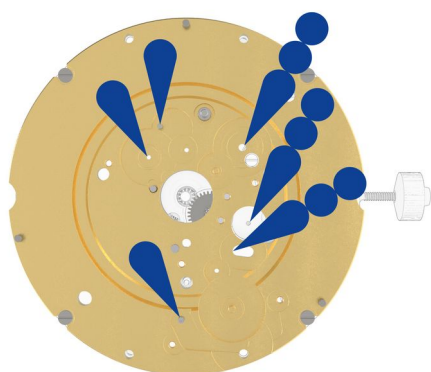
72  4000.248 Screw

73  4000.248 Screw

74  4000.248 Screw



75  9020 Moebius 9020

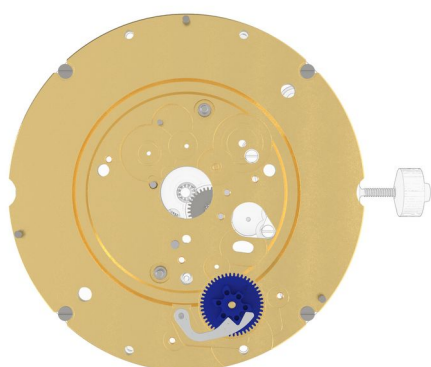


76



8200 / 9020

Moebius 8200 / Moebius 9020



77



3004.220

Tens indicator driving wheel

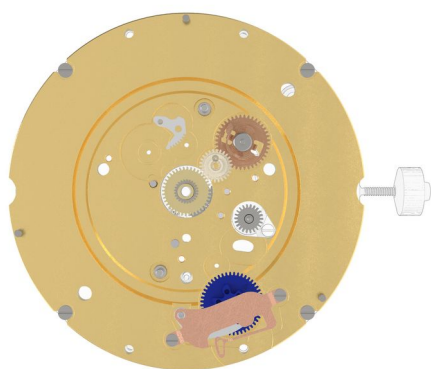
The short tooth of the tens indicator driving wheel must point to the center of the movement.

78



3500.072

Tens jumper



79



2130.187

Tens jumper maintaining plate

Tensioning the spring arm.

80



4000.279

Screw

81



4000.279

Screw

82



3004.208.CO

Date indicator driving wheel

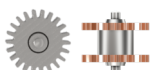
83



3147.061

Intermediate date wheel

84



3147.066.CO

Date corrector setting wheel

85



3301.296.CO

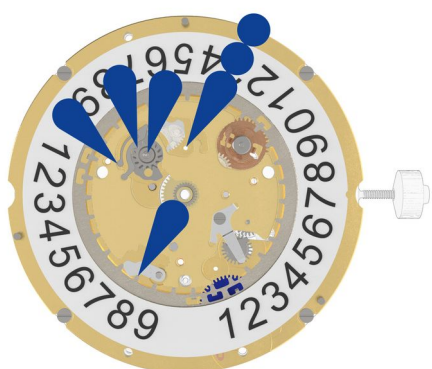
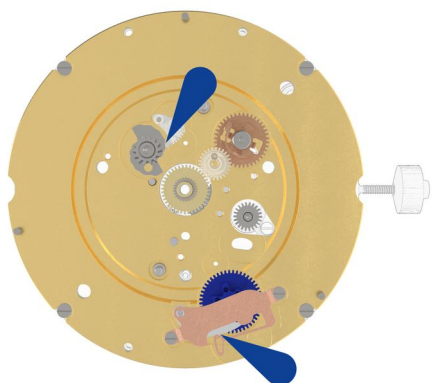
Hour wheel retro (Aig.)












86



3406.032


Day rack





87		3406.031	Day rack lever
88		3404.006.CO	Day cam Place parts as shown on graphics.
89		8200	Moebius 8200
90		3504.234.AD.1.A	Units indicator (T3, G6) Nick of the indicator at 3 o'clock.
91		2130.191	Date indicator plate
92		3507.059.CO	Date corrector wheel
93		3905.068	Date corrector spring
94		4000.244	Screw
95		3500.068	Date jumper
96		3500.069	Day jumper
97		8200 / 9020	Moebius 8200 / Moebius 9020




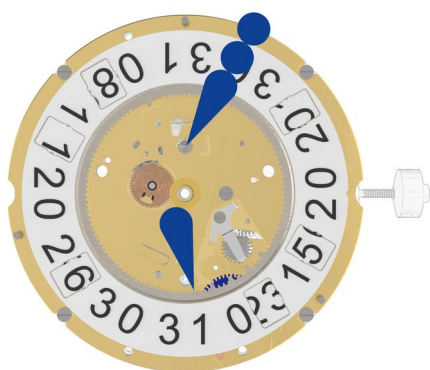
98  2130.192 Date maintaining plate

99  4000.250 Screw


100  3905.066 Days rack lever spring
Tensioning the spring arm.


101  3905.064 Date jumper spring
Insert the date jumper spring in the previous opening.


102  3004.244 Day finger




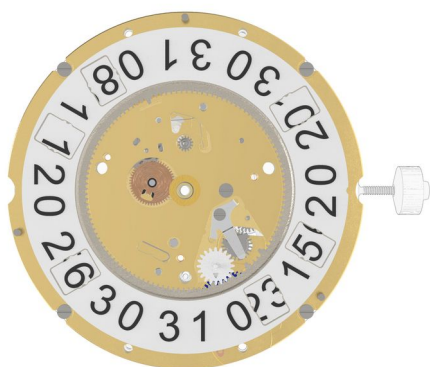
103  3004.212 Days driving wheel


104  3315.003 Friction spring

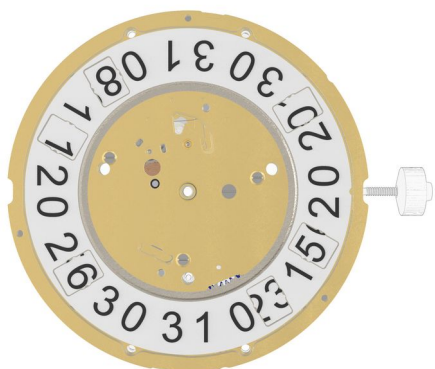
105  3401.082.FI Day indicator pinion







106  3504.231.AD.1.A Tens indicator (T3, G6)
Nick of the indicator at 3 o'clock.

107  8200 / 9020 Moebius 8200 / Moebius 9020

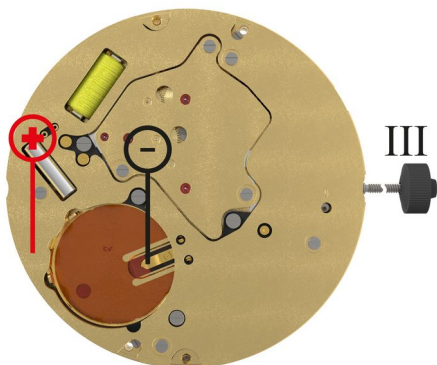


108  3147.062 Tens Intermediate wheel

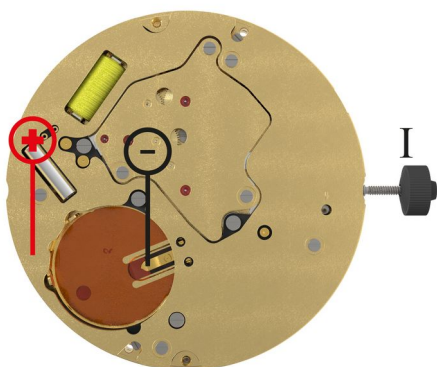


109		2130.193.G	Date mecanism maintaining plate
110		4000.320	Screw
111		4000.320	Screw
112		4000.320	Screw
113		3506.077.G Polished version first.	Intermediate Dial support
114		3506.076.G	Dial support

Measurement



Setting stem in position III, 60 s measuring interval.
(typ./max.) 0.10 / 0.30 μ A



Setting stem in position I, calendar not in gear, 60s measuring interval.

(typ./max.) 1.48 / 2.00 μ A

60s measuring interval

-10 .. +20s/mth

Lower working voltage limit

<1.20 V



Voltage
typ. 1.5V