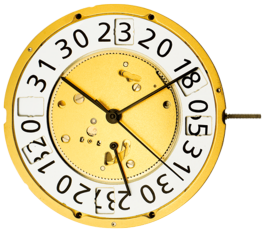
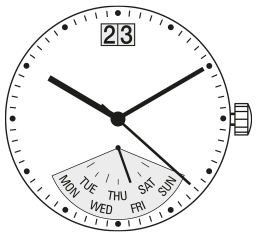
Quartz Movements
特别功能
朗达 超值系列

型号 7003.L - 15’’’





产品规格

指针式石英机芯

系列	超值系列
型号	7003.L
尺寸	15’’’
版本 瑞士制造	5 钻石 / 金色 更换电池提示
电池寿命	52 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
- 大日历
- 三针

Quartz Movements
特别功能
朗达 超值系列

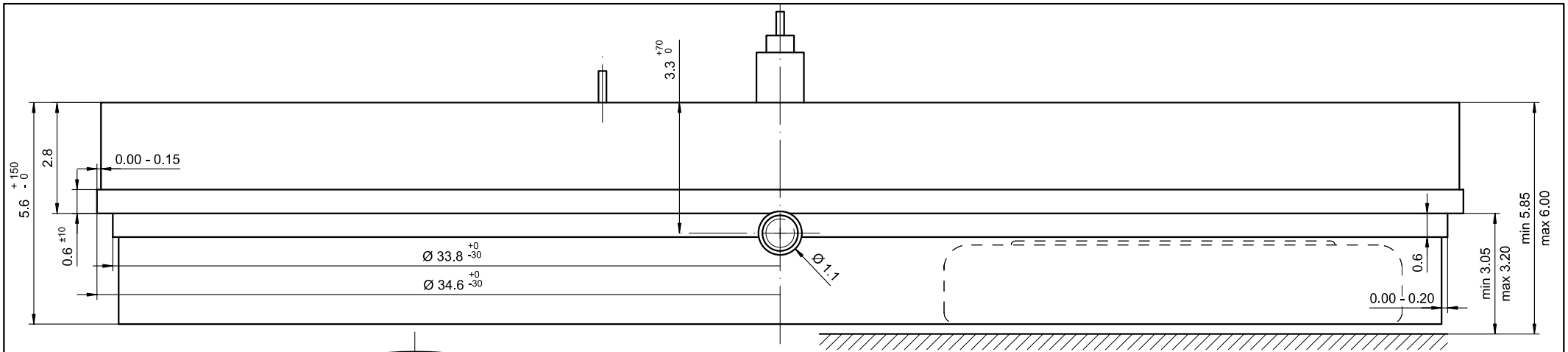
型号 7003.L - 15’’’

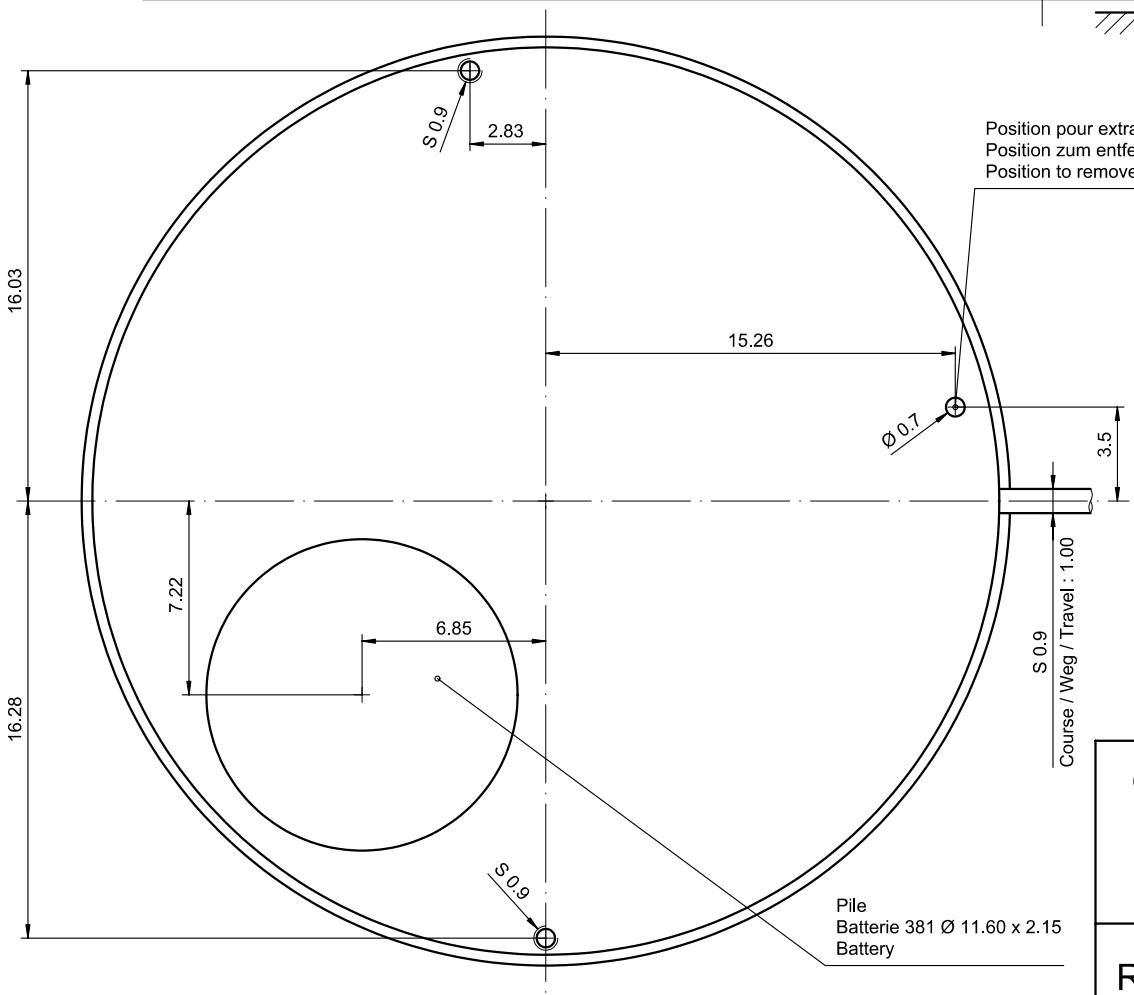
技术规格

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 μNm
分针运行扭力 - 一般情况下	500 μNm
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	52 月
电压	1.5 V
电耗 - 一般情况下	1.32 μA (日历不在跳动当中)
电耗 - 上限	3.1 μA (日历不在跳动当中)

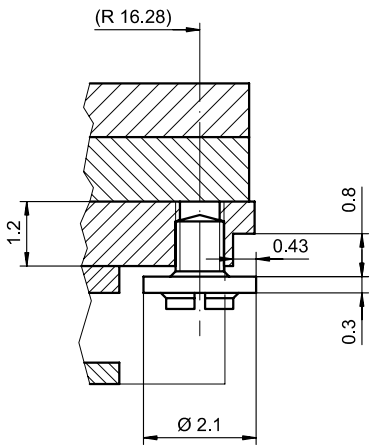




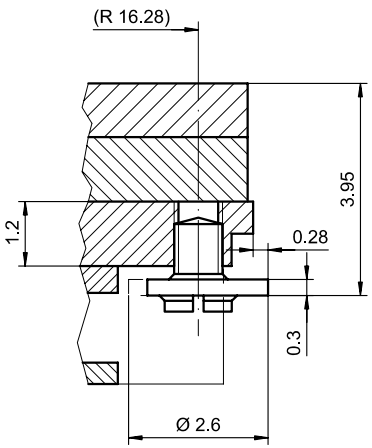
Position pour extraire la tige
Position zum entfernen der Stellwelle
Position to remove the stem

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

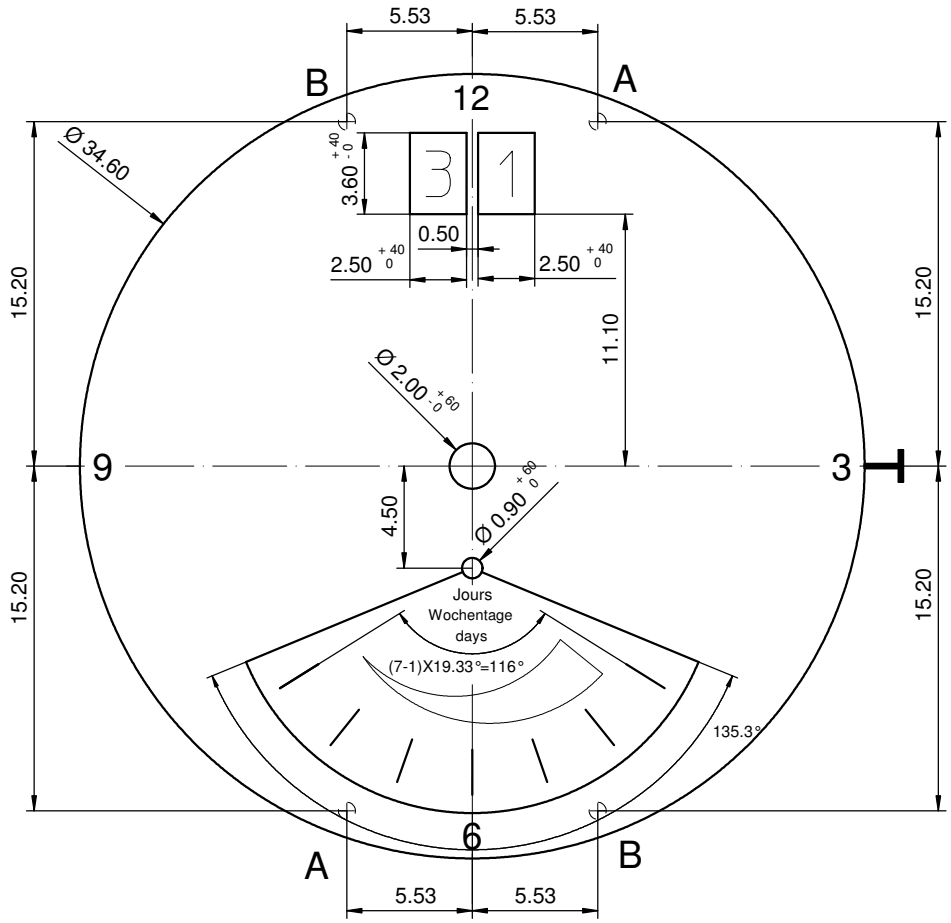
15'''

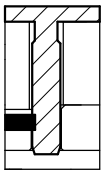
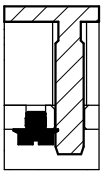
RONDA | 7003.L

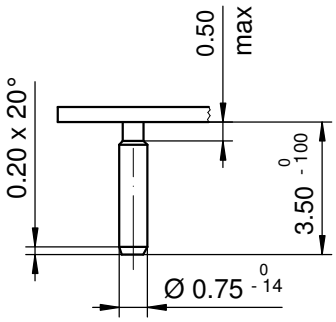
Issued	05 Dez 2005	mg
Modified	08.02.2010 ÄA 7724	dh
Released	YES	
Tolerance	+/- 20 µm	
Scale	10 : 1 (5 : 1) (A3H)	

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

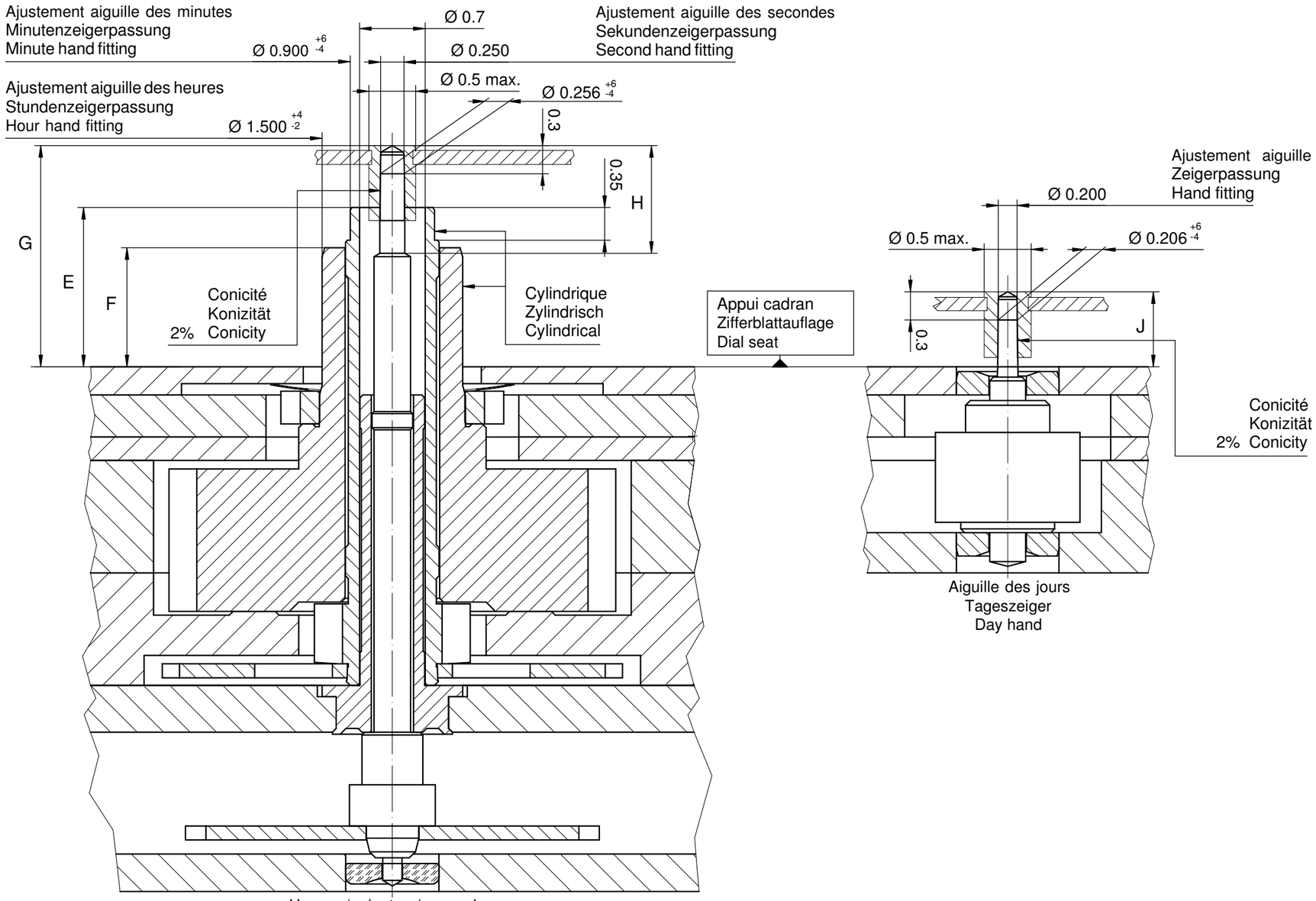
15'''

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‴

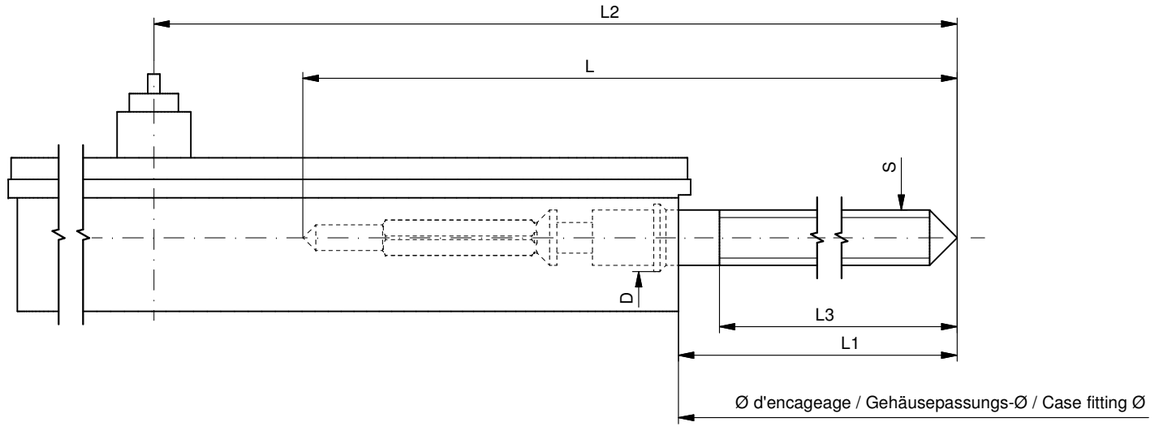
RONDA | 7003.L, 7003.N

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

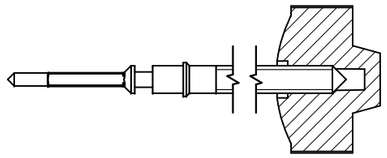
No. 3316.104 03

* 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)

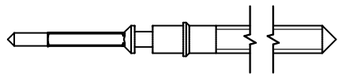
No. d'article Artikelnummer Part number	L	L1	L2	L3	S	D
3000.194.CO	21.30	10.74	27.64	10.15	0.90	1.10



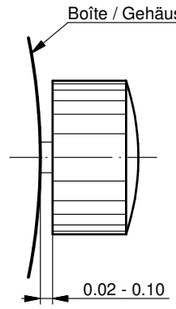
Couleur de la couronne Kronenfarbe Crown color	violet violett purple
Code	UN 5046

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

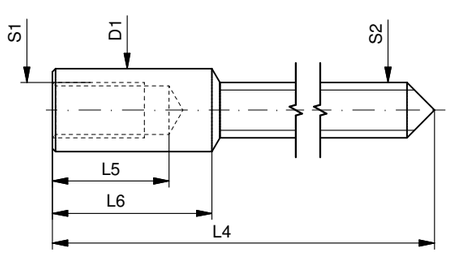


Couronne vissée
Geschraubte Krone
Screwed crown

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

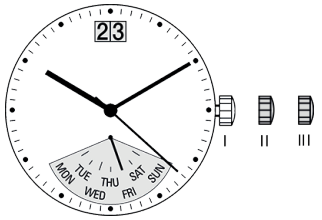
Movement holder
Setting hands
H7XXX.1A

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.

中文 使用手册
机芯型号

朗达 标准系列

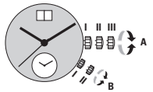
– 6203.B

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 **空檔位置** (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(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

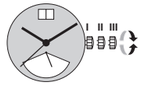
把的位置. I **空檔位置**

把的位置. II **设定第二区时间**

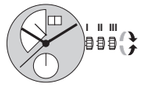
*当设定第二区时间的时候, **把的A** 必须要在 **把的位置 I***

– 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

CE

03/2015

User's Manual English
Movements Caliber

RONDA normtech

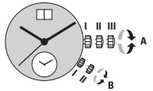
– 6203.B

RONDA mastertech

– 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.

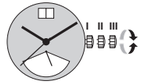
Cal. 6203.B

Crown B

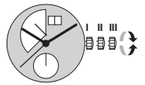
Pos. I **Position of rest**

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 **空檔位置** (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

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

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 以腕表停止运行'
– 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 '使用速調至正确日期
– 推把的回位置 I

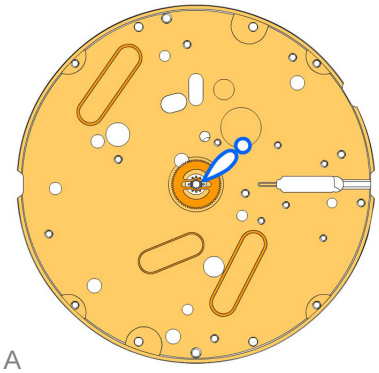
Cal. 6203.B
电池种类: 373/SR916SW (Ø 9.5 mm x 1.6 mm)

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)

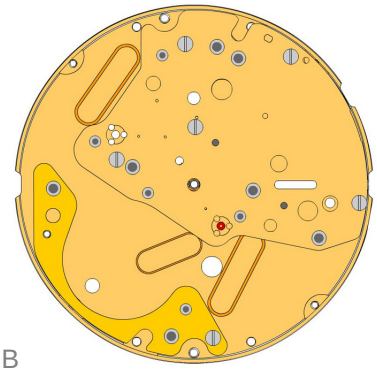
CE

03/2015



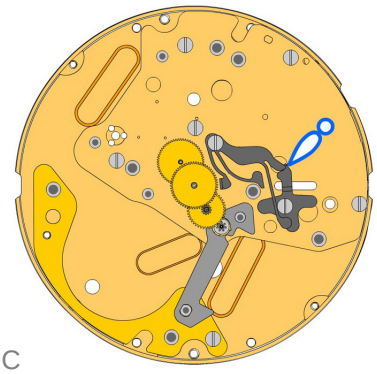
A

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

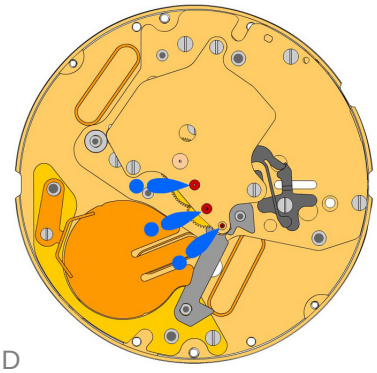


B

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)

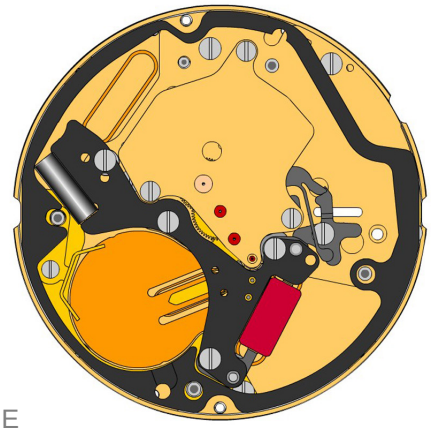


C



D

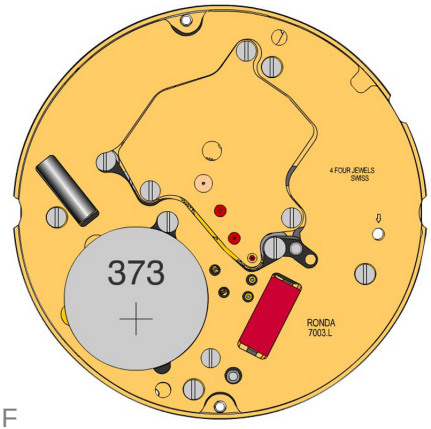
2020.169.G 16.		Train wheel bridge Train wheel bridge held by 3 screws 4000.244.
4000.244 17.		Screws
3603.080 18.		Battery insulator
3601.120.G 19.		Battery clamp + Battery clamp held by 1 screw 4000.248.
4000.248 20.		Screw
3503.071 21.		Tube



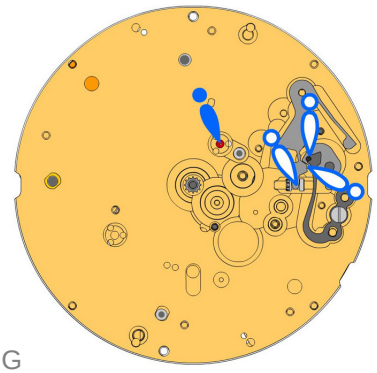
E

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

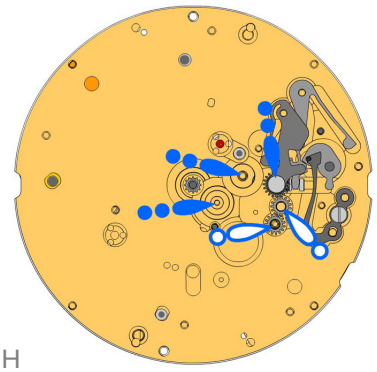


F



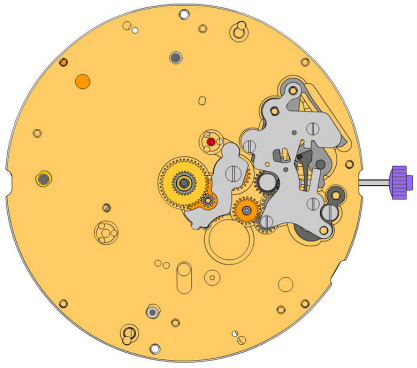
G

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.

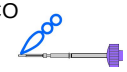


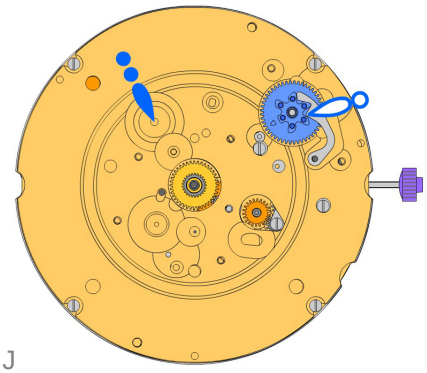
H

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



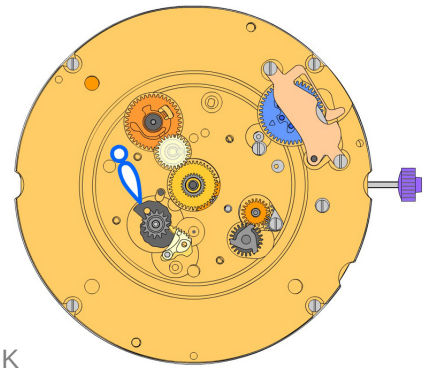
I

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.

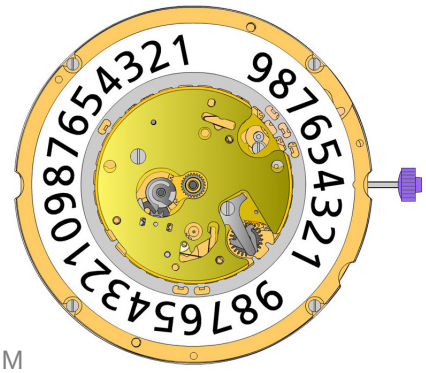


K

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

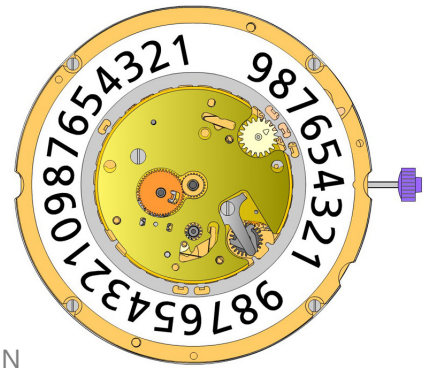
2130.189
64.
Date indicator maintaining plate
Date indicator maintaining plate held by 1 screw 4000.250.

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.



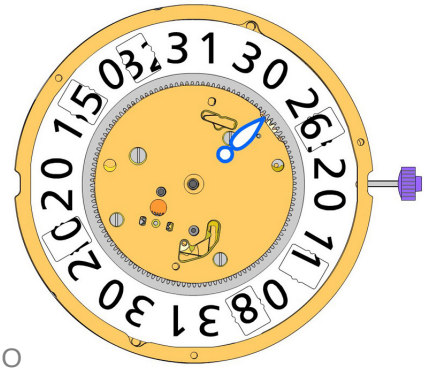
N

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.

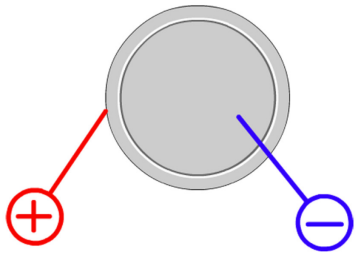
3506.076.G
77.
Dial support

8200
78.
Moebius 8200

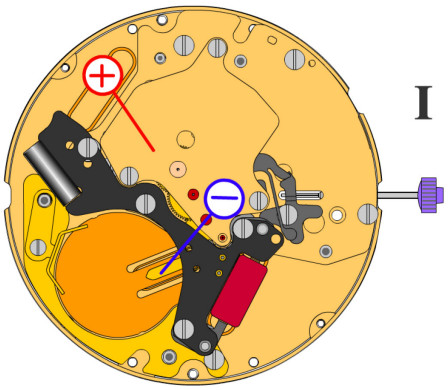
9014
79.
Moebius 9014

124
80.
Jismaa 124

9020
81.
Moebius 9020

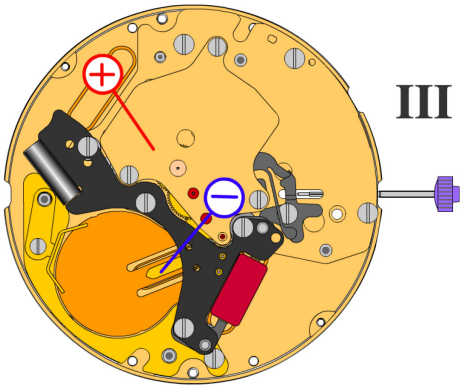


Battery	**381**
Voltage	**1.55 V**



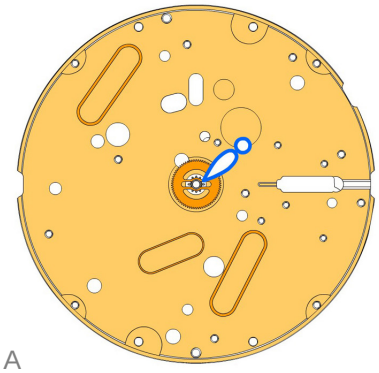
Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:

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



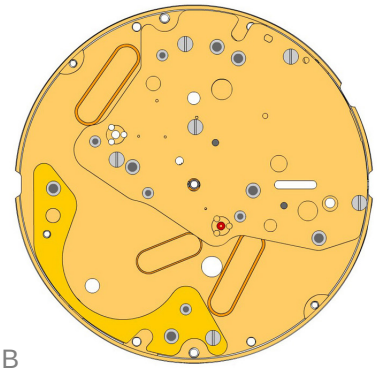
Setting stem in position III, 60 s measuring interval:

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



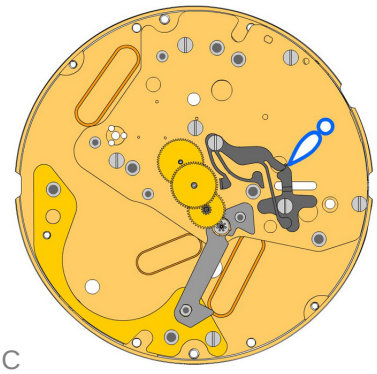
A

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

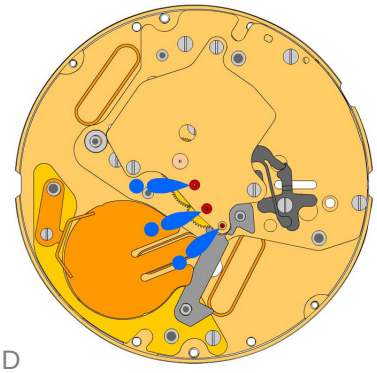


B

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.

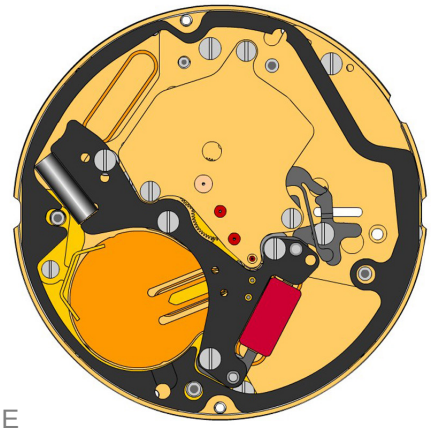
4000.244
17. Screws

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

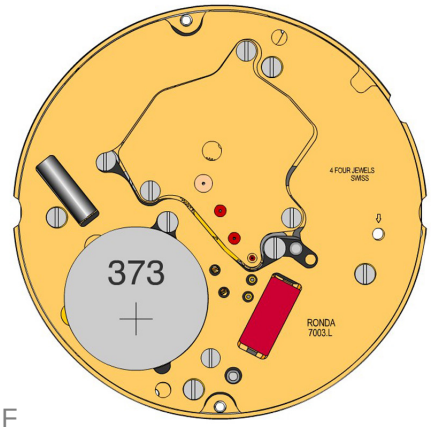


E

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

4000.250
23. Screw

3603.081
24. Spacer

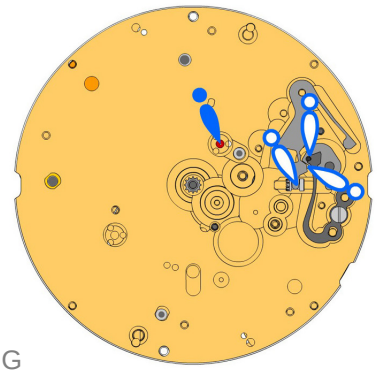


F

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

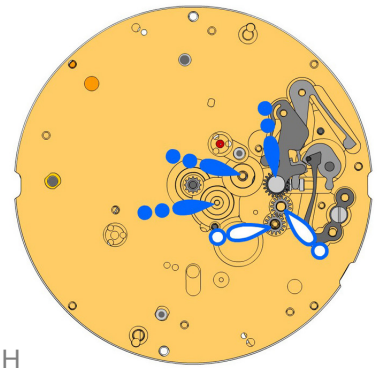
4000.244
26. Screws

3600.032.HGF
27. Battery 381



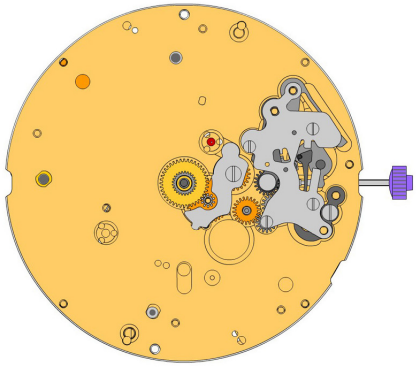
G

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.

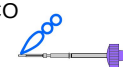


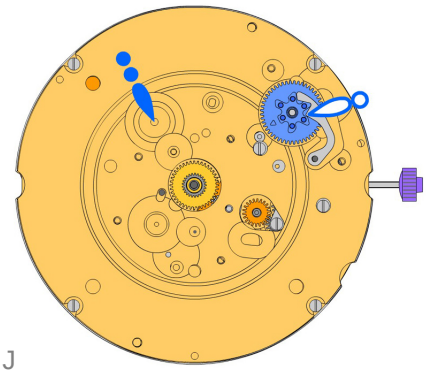
H

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

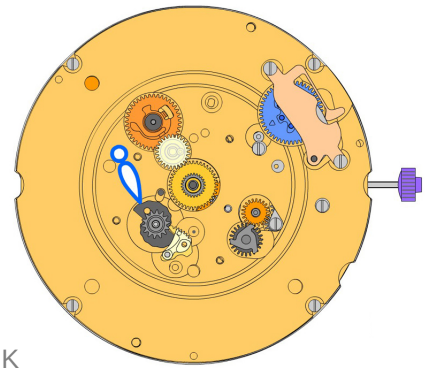
4000.248
47.
Screw

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

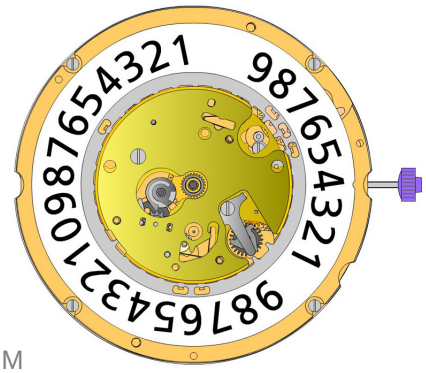
3905.068
59.
Date corrector spring
Date corrector spring held by 1 screw 4000.244.

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

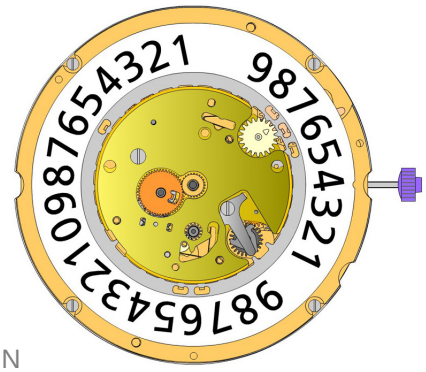
2130.189
64.
Date indicator maintaining plate
Date indicator maintaining plate held by 1 screw 4000.250.

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.



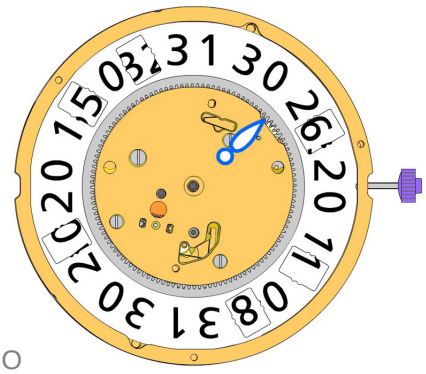
N

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.

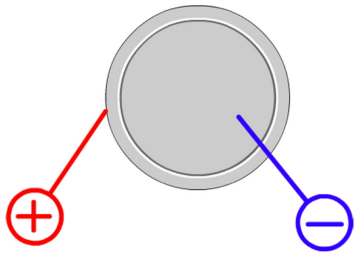
3506.076.G
77.
Dial support

8200
78.
Moebius 8200

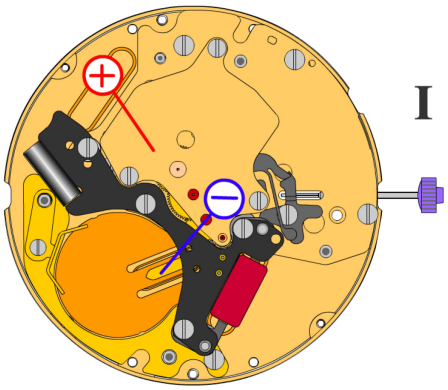
9014
79.
Moebius 9014

124
80.
Jismaa 124

9020
81.
Moebius 9020

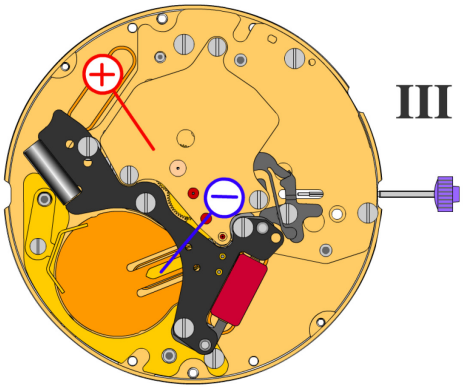


Battery	**381**
Voltage	**1.55 V**



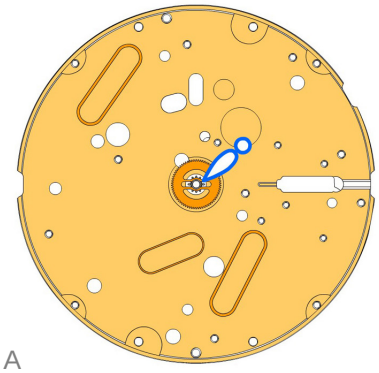
Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:

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



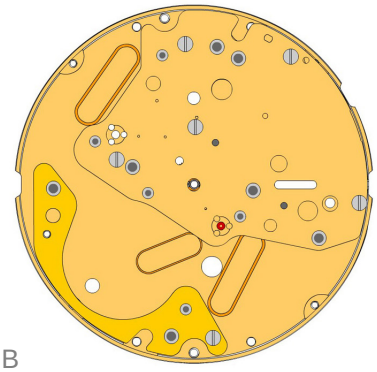
Setting stem in position III, 60 s measuring interval:

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



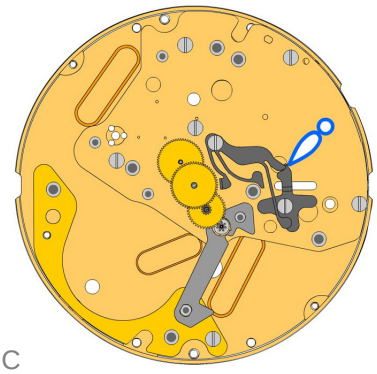
A

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

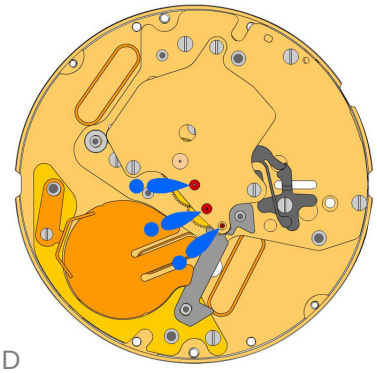


B

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)

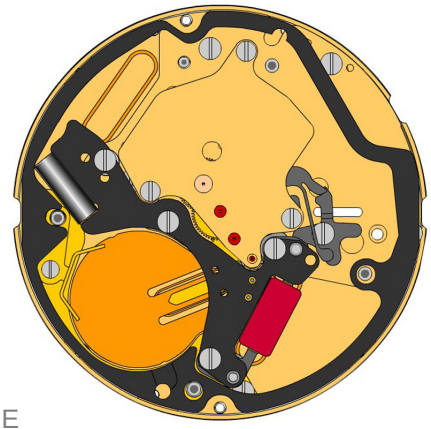


C



D

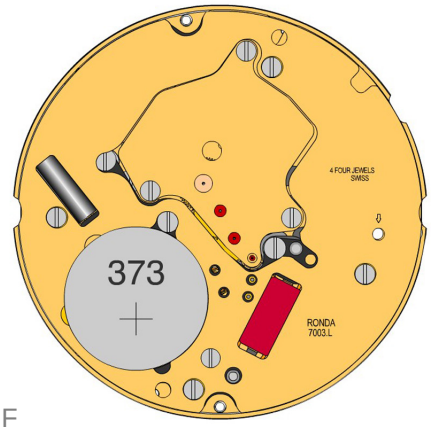
2020.169.G 16.		Train wheel bridge Train wheel bridge held by 3 screws 4000.244.
4000.244 17.		Screws
3603.080 18.		Battery insulator
3601.120.G 19.		Battery clamp + Battery clamp held by 1 screw 4000.248.
4000.248 20.		Screw
3503.071 21.		Tube



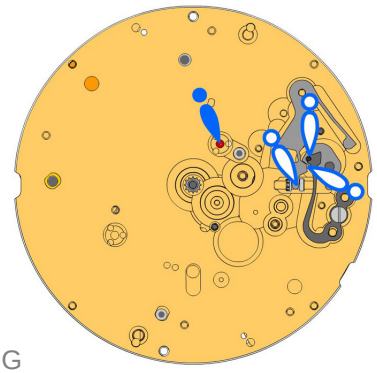
E

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

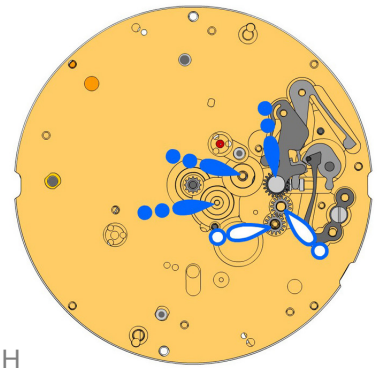


F



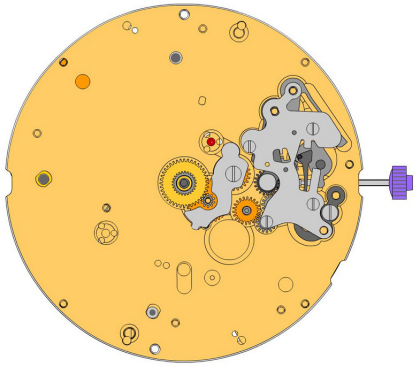
G

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.

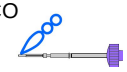


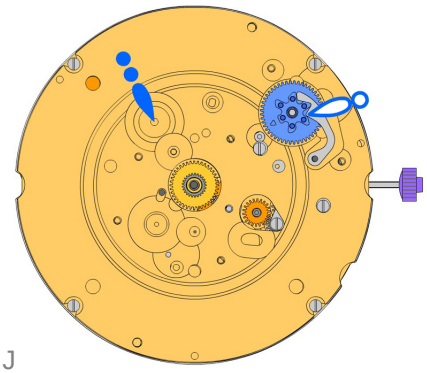
H

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



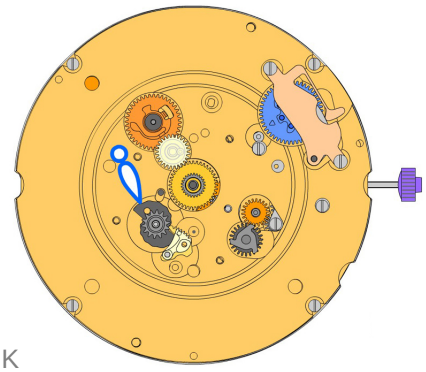
J

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

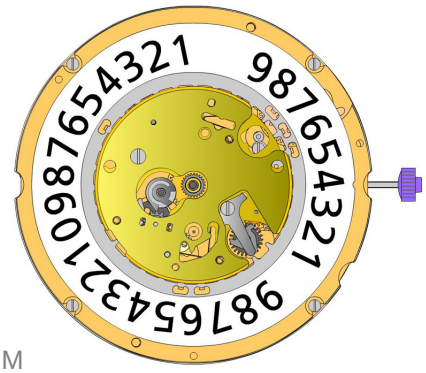
3905.068
59.
Date corrector spring
Date corrector spring held by 1 screw 4000.244.

3905.066
60.
Day rack lever spring

3500.069
61.
Day jumper
Tensioning the spring arm.

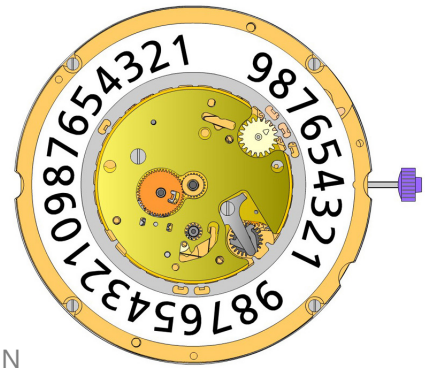
3500.068
62.
Date jumper

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



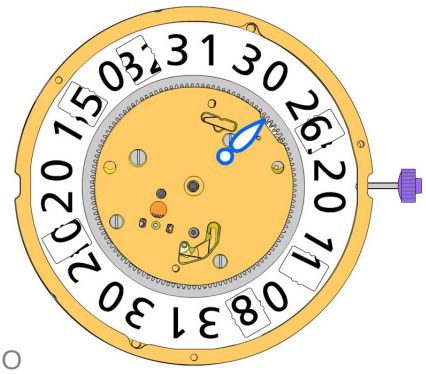
M

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

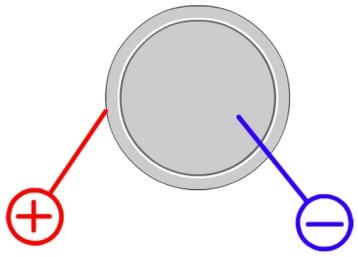
3004.212 68.		Days driving wheel Insert the tooth of the wheel in the flange gap, while turning softly in counterclockwise direction to ensure correct position of the day finger.
3401.082.FI 69.		Day indicator pinion
3147.062 70.		Tens intermediate wheel Arrow positioning radially outwards.
3315.003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



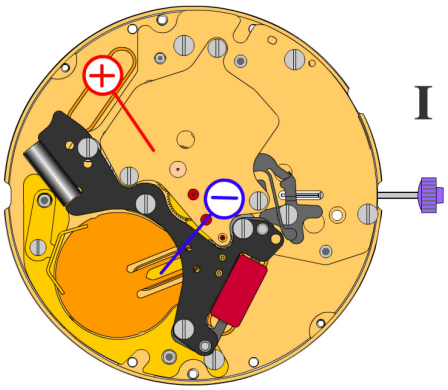
O

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

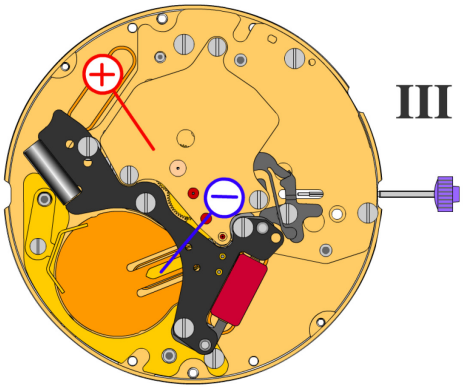


Battery	**381**
Voltage	**1.55 V**



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***