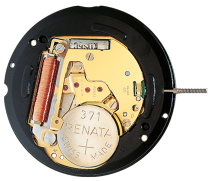
CALIBER 714 – 11½‴



Product Specifications

Analog quartz movement	
Line	normtech
Caliber	714
Size	11½‴
Version Swiss Made	5 Jewels / gold plated
Version Swiss Parts	1 Jewels / nickel plated
Standard battery life	60 months
Standard hand fitting height	1

Features

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

Functions

- Date
- 2 hands

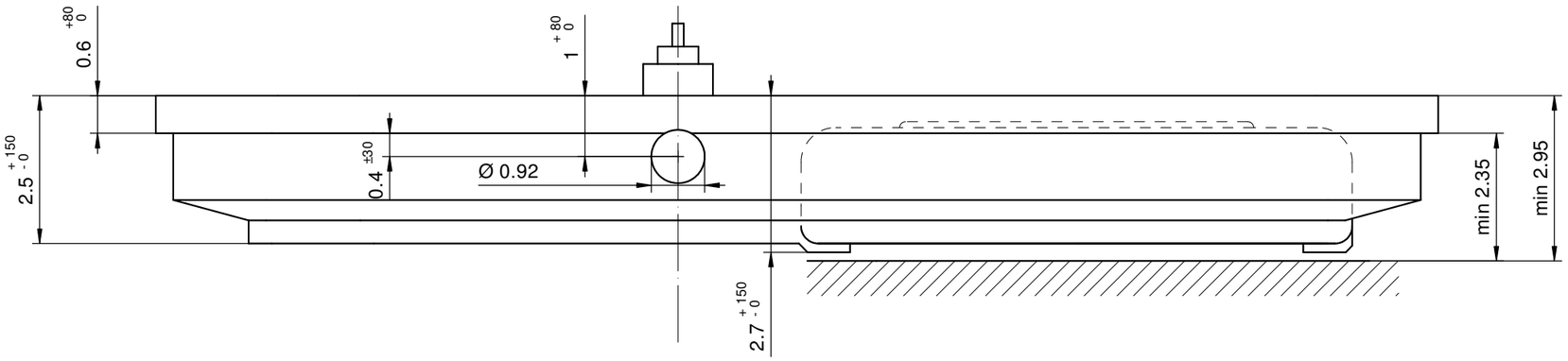
CALIBER 714 – 11½‴

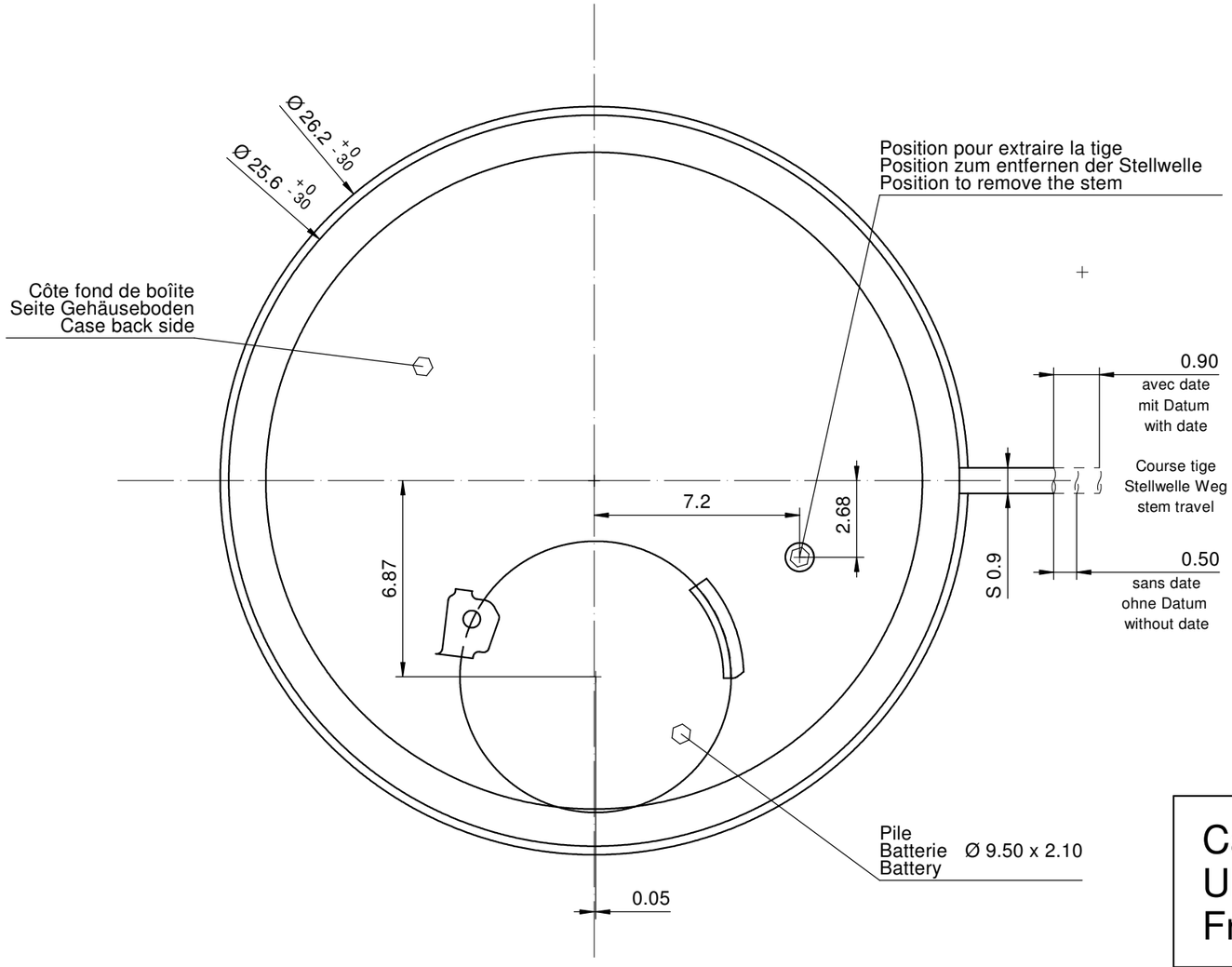
Technical Specifications

Diameter Total	26.00 mm
Case fitting	25.60 mm
Movement height	2.50 mm
Height over standard battery	2.75 mm
Movement rest	0.60 mm
Height over stem	1.00 mm
Length of stem travel	0.90 mm
Stem thread	0.90 mm
Useful torque minute – typical	400 µNm
Operating temperature	0-50 °C
Instantaneous rate	-10/ +20 sec/month
Resistance to magnetic fields	18.8 Oe
Resistance against shock	NIHS 91-10

Battery Specifications

Standard battery	No. 371
Standard battery life	60 months
Battery voltage	1.5 V
Current consumption – typical	0.96 µA (Date Mechanism not in Gear)
Current consumption – maximum	1.35 µA (Date Mechanism not in Gear)





Sécurité entre aiguille seconde et verre : min 0.30 mm
Sicherheit zwischen Sekundenzeiger und Glas : min 0.30 mm
Security between second hand and glass : min 0.30 mm

Le cadran doit être maintenu en hauteur par la boîte.
Das Zifferblatt muss in der Höhe vom Gehäuse festgehalten werden.
The dial must be held in the height by the case.

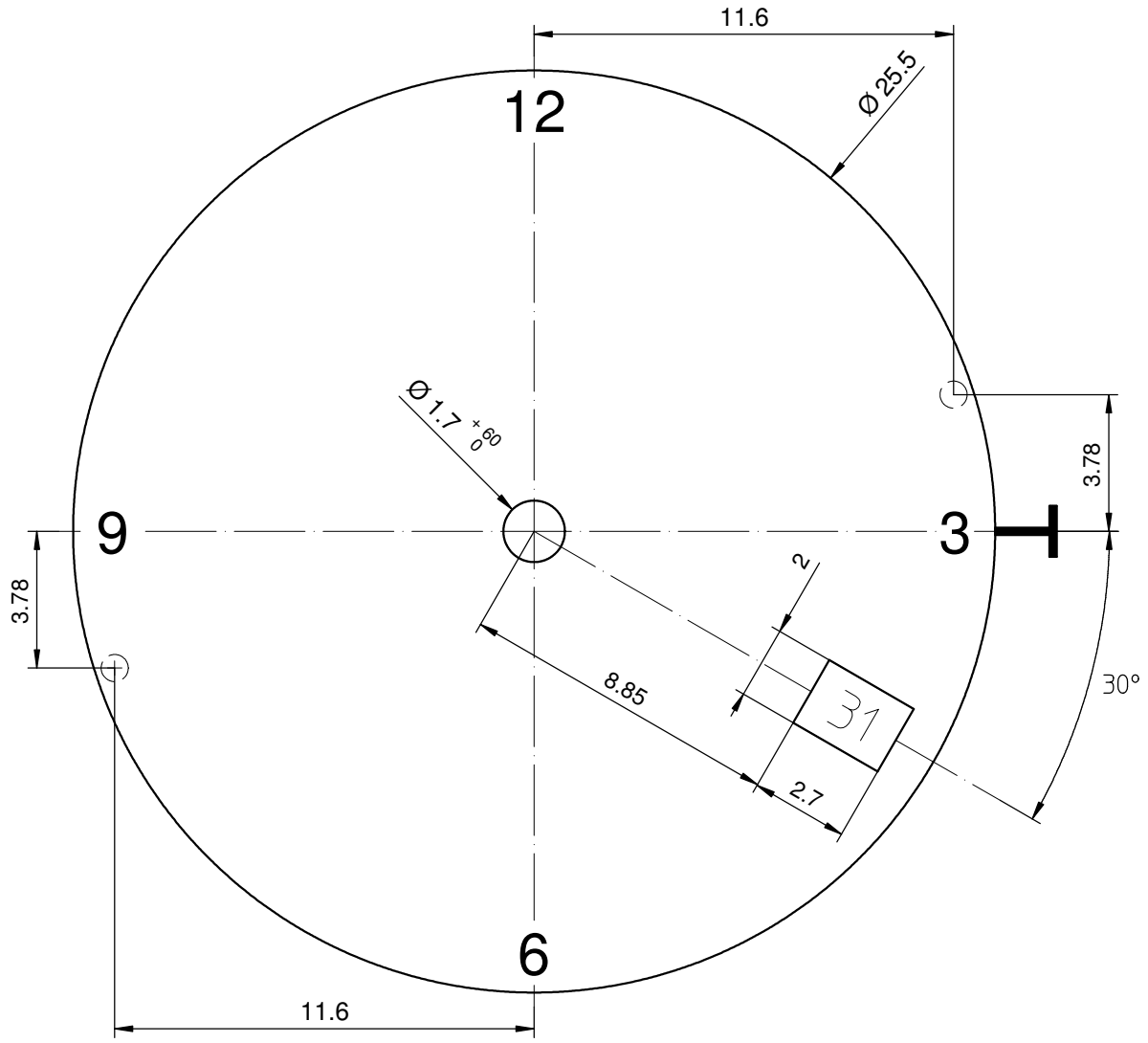
Cage
Uhrwerkgestell 11½'''
Frame

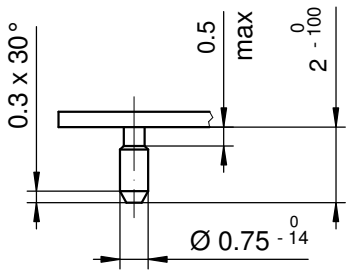
RONDA | 712, 713, 714, 715

Issued	09.03.2000		cs
Modified	08.02.2019		dh5221
Released	YES		
Mod. No.	39888		
Tolerance	±20 µm		
Scale	10 : 1	Page 1/1	A3

Sous réserve de modifications
Aenderungen vorbehalten
Modifications reserved

No. 5000.260 12





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

Tige	Date
Stellw.	Datum
Stem	Date
3H	4H

Cadran
Zifferblatt
Dial

11½'''

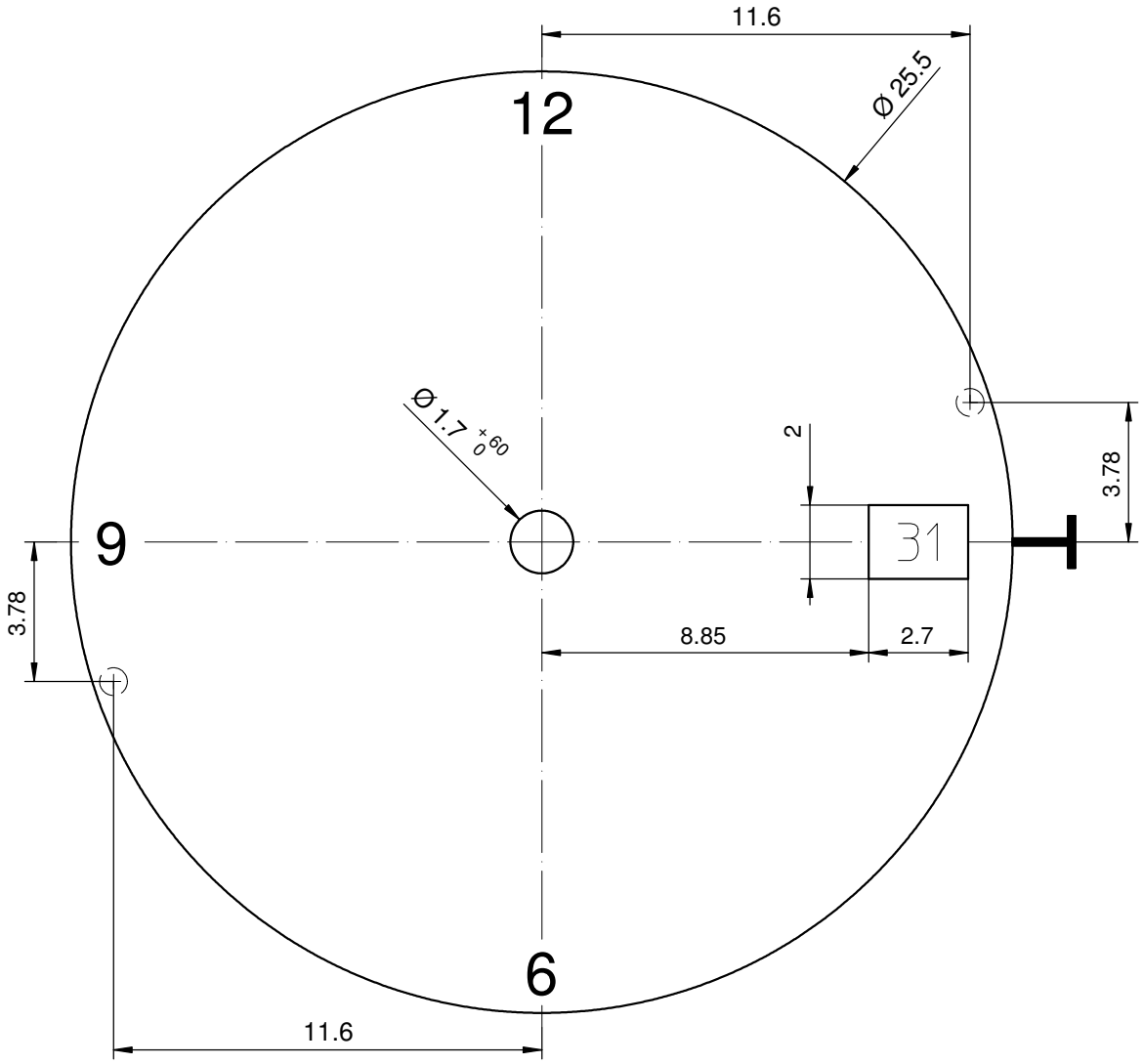
Issued	05 Jun 2007	cm
Modified	13 Aug 2012 ÄA 12806	mc
Released	YES	
Tolerance	+/- 20 µm	
Scale	5 : 1 (A4V)	

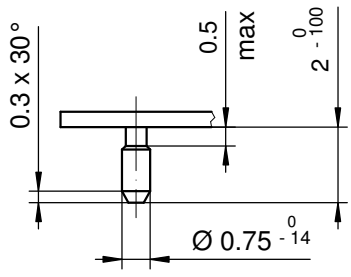
RONDA

515, 515S, 714, 715, 715Li

Sous réserve de modifications
Aenderungenvorbehalten
Modificationsreserved

No.	5010.377	02





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

Tige	Date
Stellw.	Datum
Stem	Date
3H	3H

Cadran
Zifferblatt
Dial

11½'''

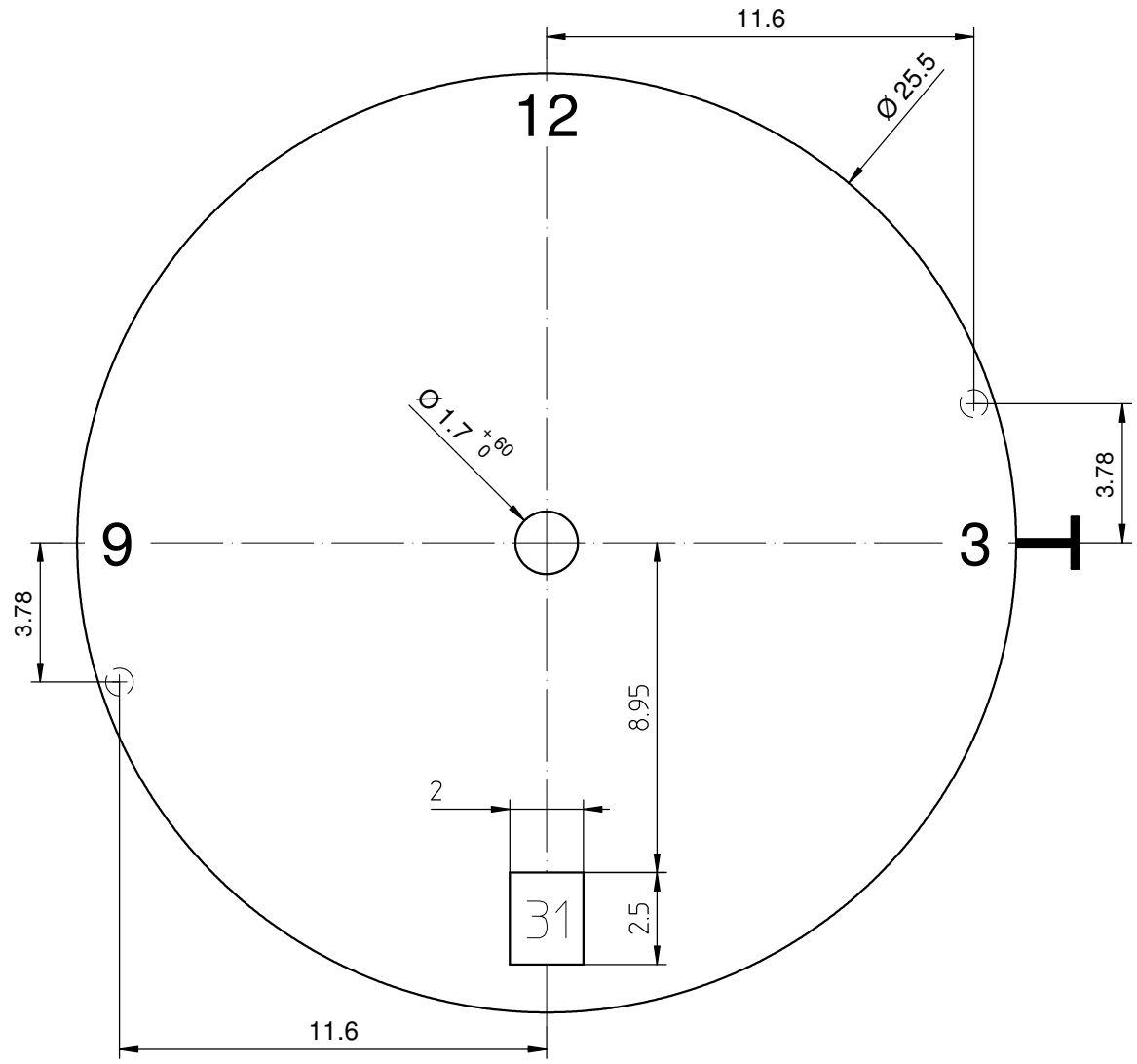
Issued	14 Dez 2006	cw
Modified	13 Aug 2012 ÄA 12806	mc
Released	YES	
Tolerance	+/- 20 µm	
Scale	5 : 1 (A4V)	

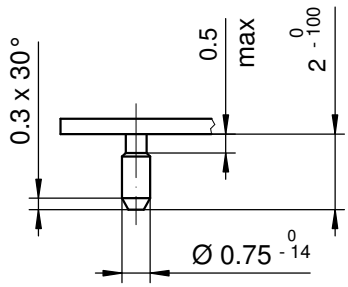
RONDA

515, 515S, 714, 715, 715Li

Sous réserve de modifications
Aenderungenvorbehalten
Modificationsreserved

No. 5010.417 09





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

Tige	Date
Stellw.	Datum
Stem	Date
3H	6H

Cadran
Zifferblatt
Dial

11½'''

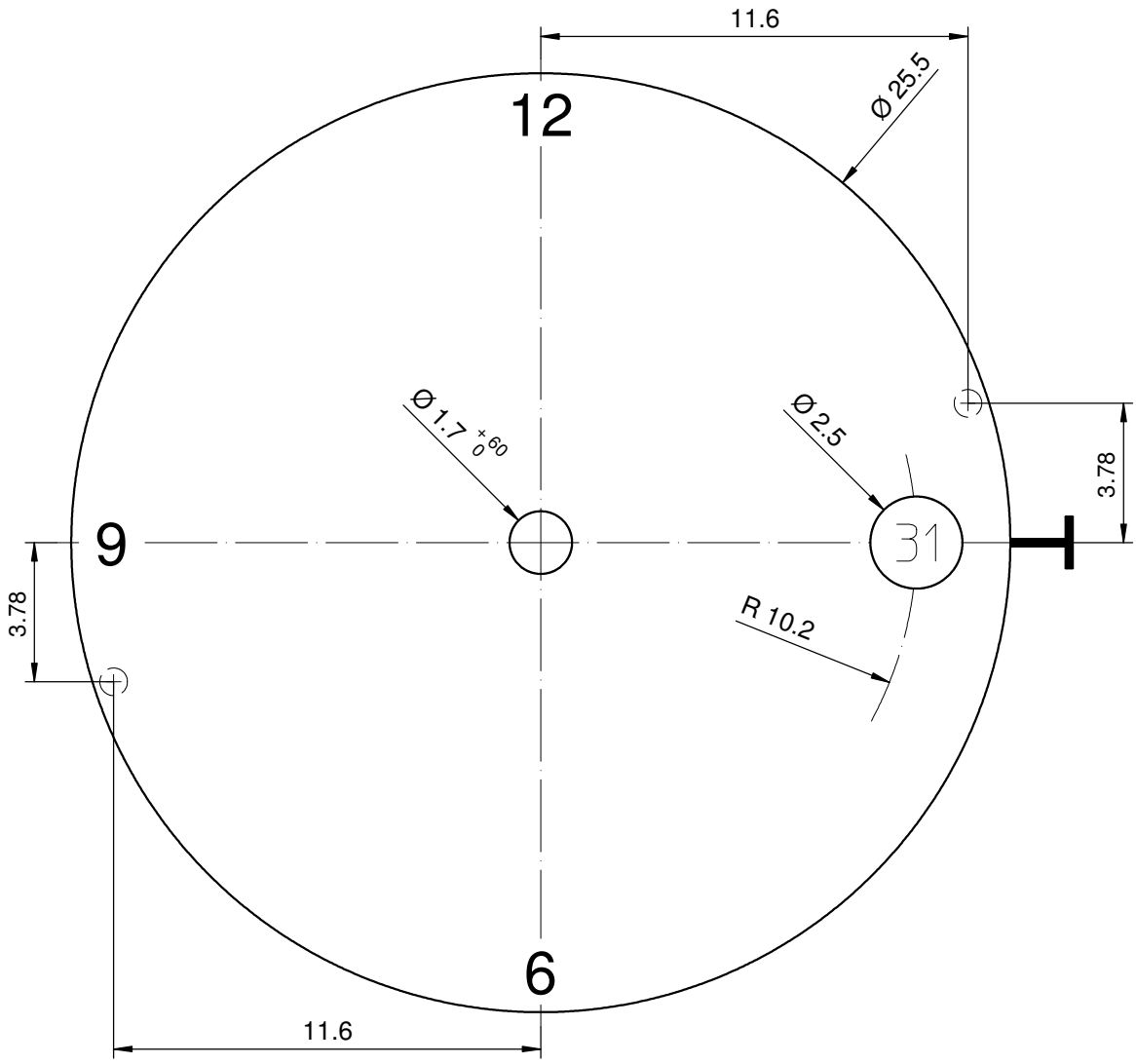
Issued	14 Dez 2006	cw
Modified	13 Aug 2012 ÄA 12806	mc
Released	YES	
Tolerance	+/- 20 µm	
Scale	5 : 1 (A4V)	

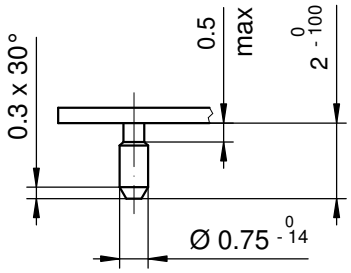
RONDA

515, 515S, 714, 715, 715Li

Sous réserve de modifications
Aenderungenvorbehalten
Modificationsreserved

No. 5010.467 07





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

Tige	Date
Stellw.	Datum
Stem	Date
3H	3H

Cadran
Zifferblatt
Dial

11½'''

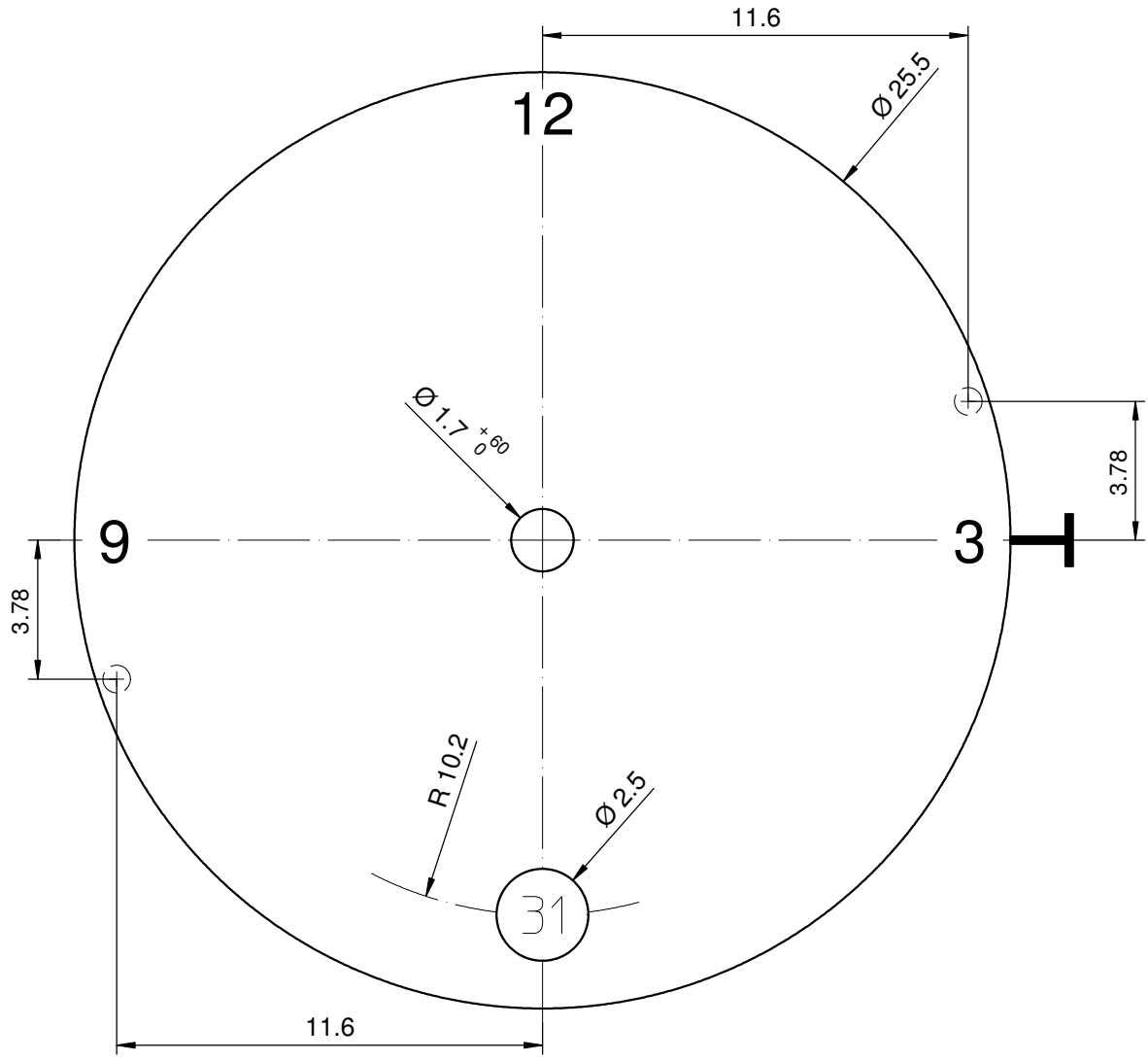
Issued	14 Dez 2006	cw
Modified	13 Aug 2012 ÄA 12806	mc
Released	YES	
Tolerance	+/- 20 µm	
Scale	5 : 1 (A4V)	

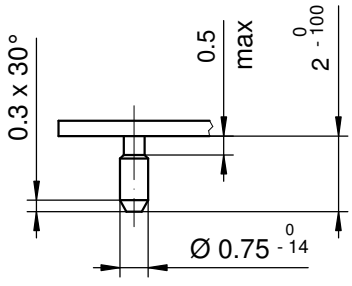
RONDA

515, 515S, 714, 715, 715Li

Sous réserve de modifications
Aenderungenvorbehalten
Modificationsreserved

No.	5010.477	06





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

Tige	Date
Stellw.	Datum
Stem	Date
3H	6H

Cadran
Zifferblatt
Dial

11½'''

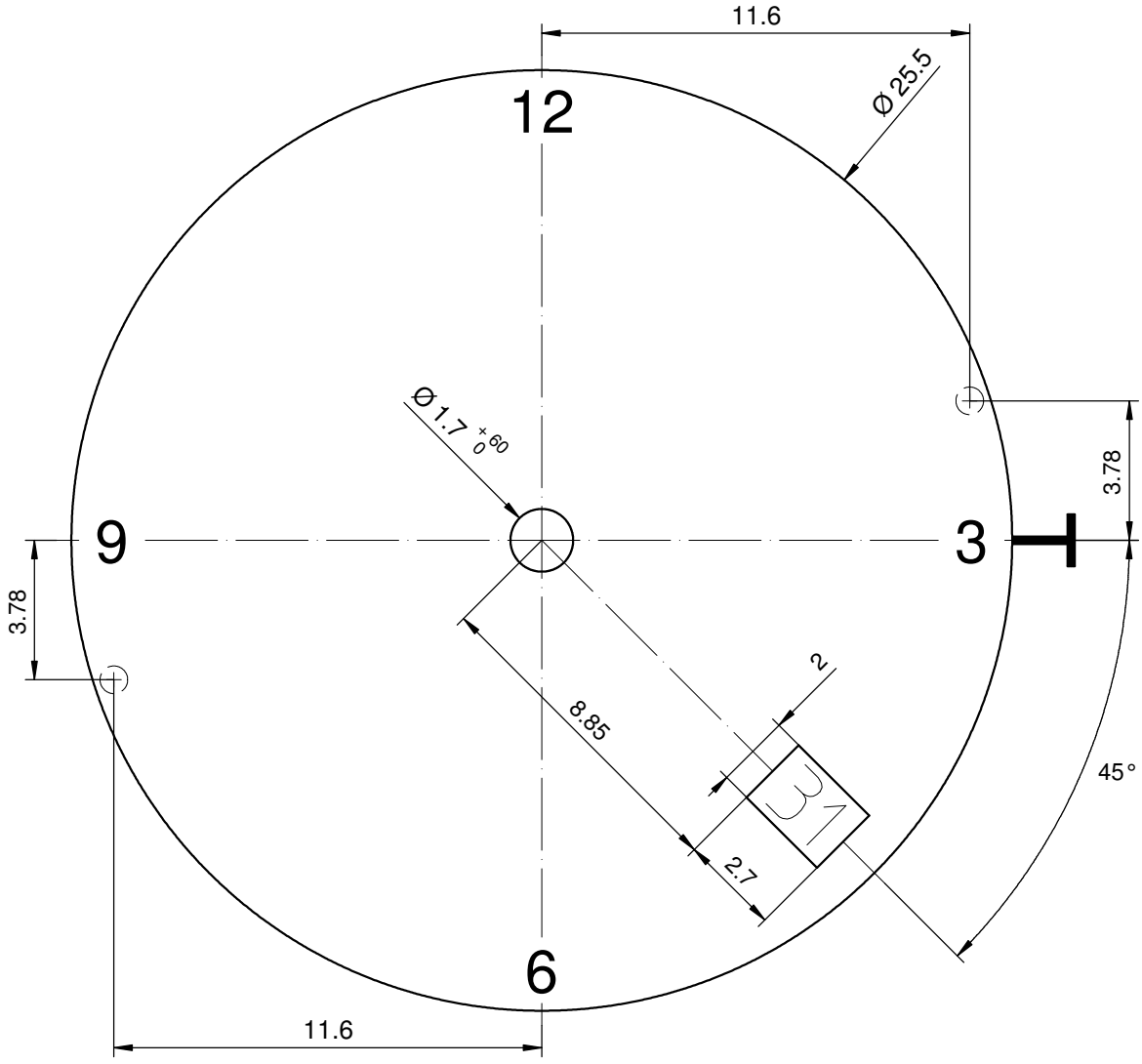
Issued	14 Dez 2006	cw
Modified	13 Aug 2012 ÄA 12806	mc
Released	YES	
Tolerance	+/- 20 µm	
Scale	5 : 1 (A4V)	

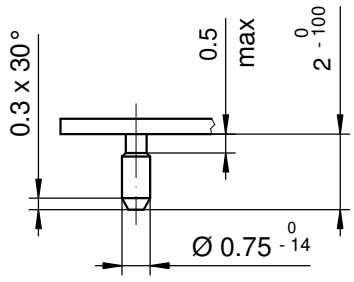
RONDA

515, 515S, 714, 715, 715Li

Sous réserve de modifications
Aenderungenvorbehalten
Modificationsreserved

No.	5010.534	04





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

Tige	Date
Stellw.	Datum
Stem	Date
3H	4½H

Cadran
Zifferblatt
Dial

11½'''

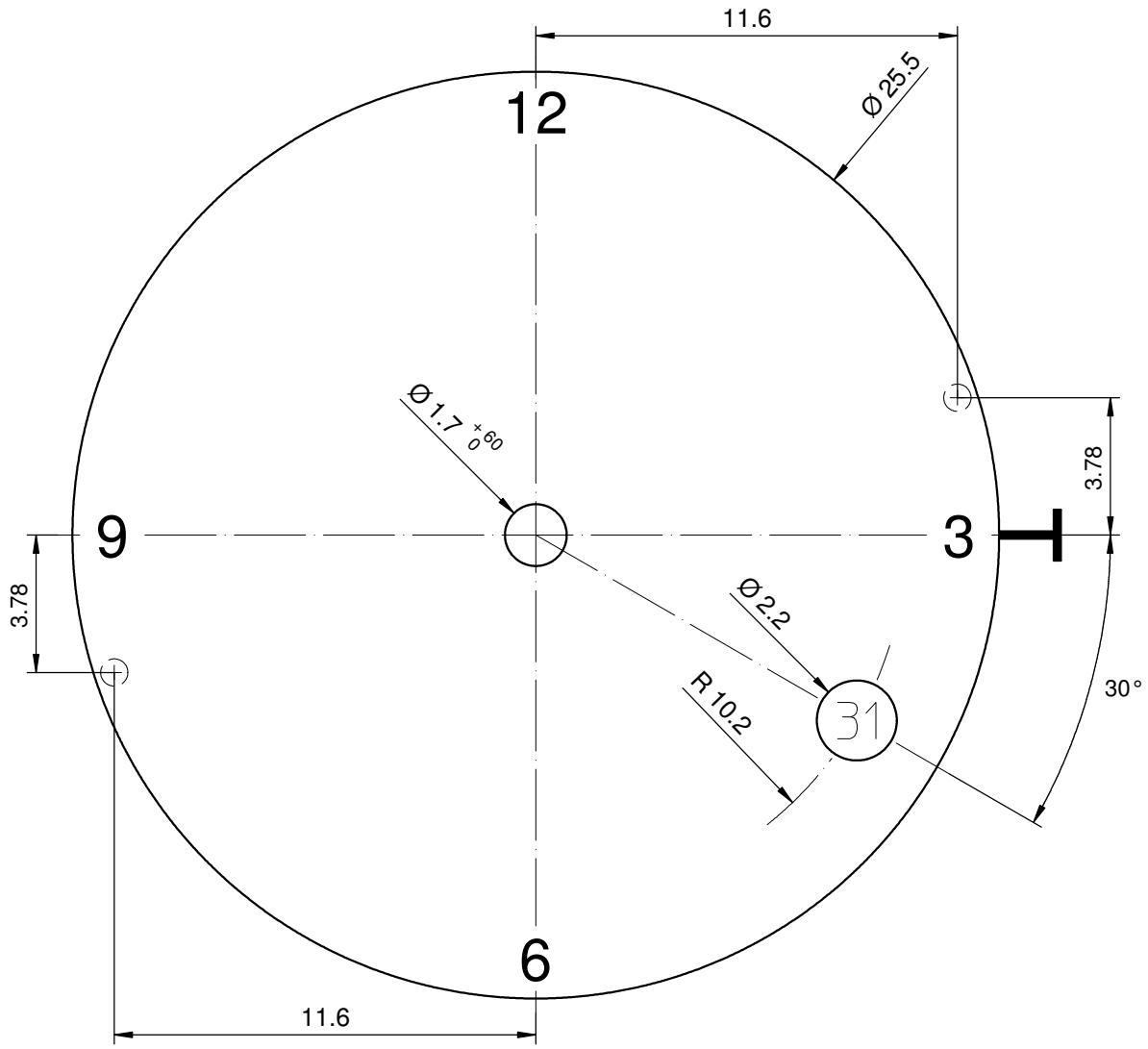
Issued	14 Dez 2006	cw
Modified	13 Aug 2012 ÄA 12806	mc
Released	YES	
Tolerance	+/- 20 µm	
Scale	5 : 1 (A4V)	

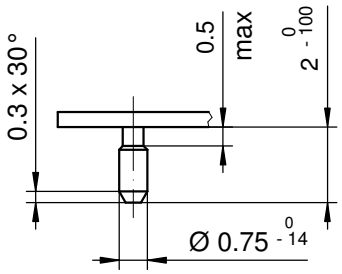
RONDA

515, 515S, 714, 715, 715Li

Sous réserve de modifications
Aenderungenvorbehalten
Modificationsreserved

No. 5010.580 04





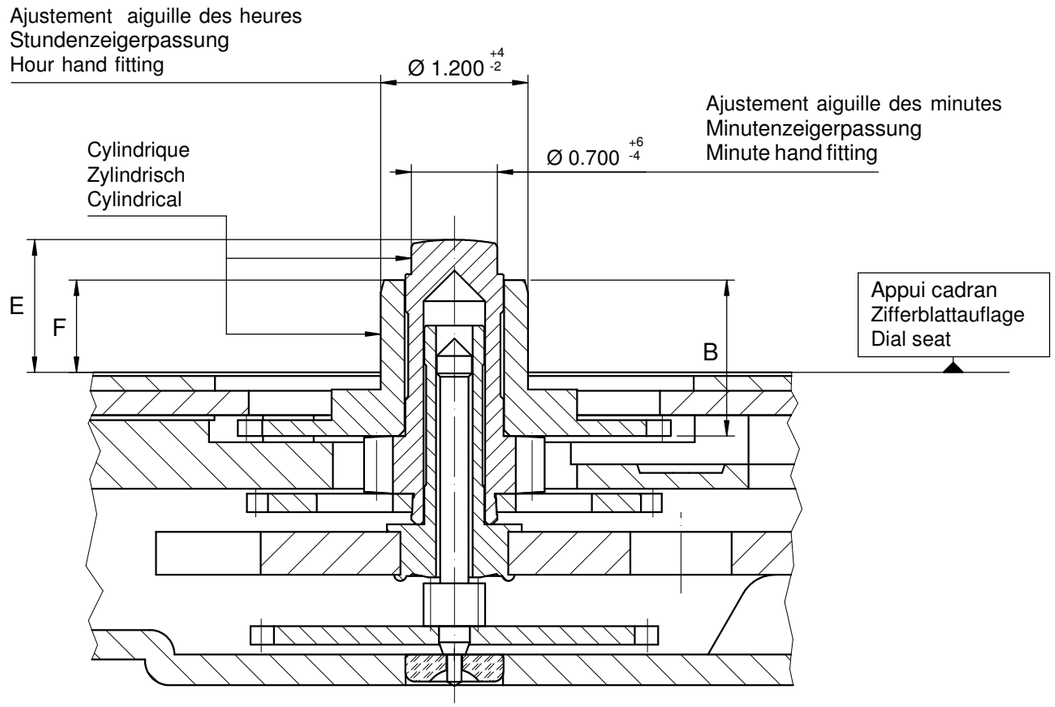
Epaisseur du cadran selon hauteur de l'aiguillage
Zifferblattdicke gemäss Zeigerwerkhöhen
Dial thickness according to hand fitting heights

Tige	Date
Stellw.	Datum
Stem	Date
3H	4H

Cadran
Zifferblatt 11½'''
Dial

Issued	14 Dez 2006	cw
Modified	31 Mai 2013 ÄA 13427	dh
Released	YES	
Tolerance	+/- 20 µm	
Scale	5 : 1 (A4V)	

RONDA	515, 515S, 714, 715, 715Li	Sous réserve de modifications Aenderungenvorbehalten Modificationsreserved
		No. 5010.615 05



Aiguillage no Zeigerwerkhöhe Nr. Hand fitting height No	Dépassement Höhe über Zifferblattauflage Height over dial seat			Longueur Länge Length		Epaisseur max. (peinture comprise) Max. Dicke (inkl. Farbe) Max. thickness (paint included)			
						Cadran Zifferblatt Dial			Aiguilles Zeiger Hands
	Chaussée Minutenrohr Cannon-pinion	Roue des heures Stundenrad Hour wheel		Roue des heures Stundenrad Hour wheel		Sous l'aiguille des minutes Unter Minutenzeiger Under minute hand	Sous l'aiguille des heures Unter Stundenzeiger Under hour hand		
	E	F		B					
1	1.08	0.75		1.27		0.70	0.40		0.15
2	1.28	0.95		1.47		0.85	0.60		0.15
3	1.63	1.23		1.75		1.10	0.90		0.15

		Aig. des minutes Minutenzeiger Minute hand	Aig. des heures Stundenzeiger Hour hand	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	Masse / Masse / Weight *
µNm	max.	0.70	0.70	Balourd / Unwucht / Unbalance *
gmm²	max.	-	-	Inertie / Massenträgheit / Inertia *
N	max.	40	40	Force de chassage / Aufpresskraft / Force

Aiguillages
Zeigerwerkhöhen 7¾‴, 8¾‴, 10½‴, 11½‴
Hand fitting heights

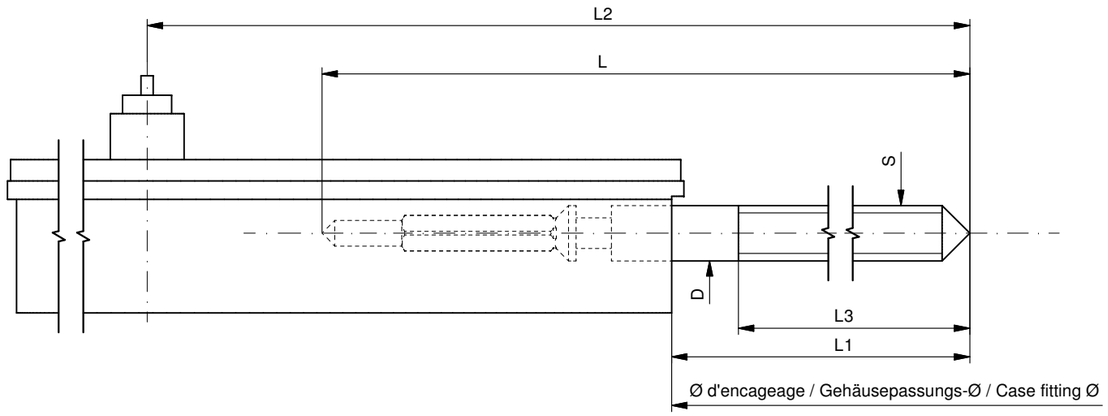
RONDA | 704, 714, 774, 784

Issued	07 Feb 2008	dh
Modified	19 Nov 2014 ÄA 13831	mc
Released	Yes	
Tolerance	µm	
Scale	20 : 1 (A3H)	

Sous réserve de modifications
Aenderungen vorbehalten
Modifications reserved

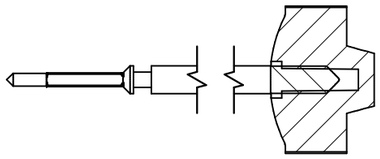
No. 3316.120 07

* 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



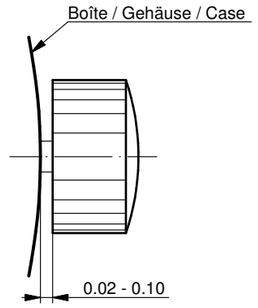
Tige de travail (intégrée dans le mouvement)
Arbeitstellwelle (im Werk eingebaut)
Working stem (implemented in the movement)

No. d'article Artikelnummer Part number	L	L1	L2	L3	S	D
3000.155.CO	20.24	10.11	22.91	9.82	0.90	0.90



Couleur de la couronne Kronenfarbe Crown color	rose foncé dunkelrosa dark pink
Code	FK 23.168

Couronne normale
Normale Krone
Normal crown



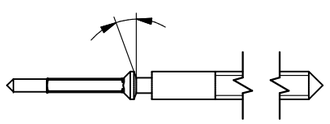
Tige (normale) / Stellwelle (normal) / Stem (normal)

No. d'article Artikelnummer Part number	L	L1	L2	L3	S	D
3000.155	20.24	10.11	22.91	9.82	0.90	0.90
3000.158	25.00	14.87	27.67	14.58	0.90	0.90
3000.138	32.00	21.87	34.67	20.28	0.90	0.90

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

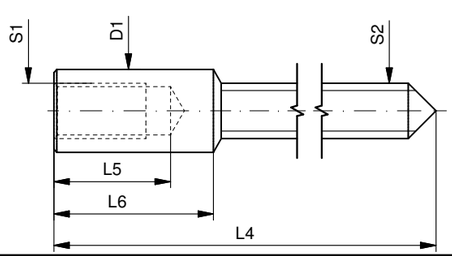
Tige (à arracher)
Stellwelle (Ausreissversion)
Stem (extractable version)

No. d'article Artikelnummer Part number	L	L1	L2	L3	S	D
3000.157	32.00	21.87	34.67	21.58	0.90	0.90



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 712, 713, 714, 715, 715Li

Issued	22 Aug 2012	ds5222
Modified	17 Mär 2017 ÄA 34582	mg5224
Released	YES	
Tolerance	---	
Scale	10:1 (A3)	

Sous réserve de modifications
Aenderungen vorbehalten
Modifications reserved

No. 5030.007 02

User's Manual English
Movements Caliber

RONDA powertech

– 585
– 505
– 515

RONDA slimtech

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

RONDA normtech

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

RONDA xtratech

– 6003.B
– 6004.B
– 7002.B
– 7003.B
– 7004.B

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

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

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

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

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

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

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

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

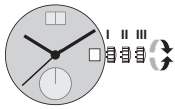
Cal. 715Li:
Battery type: CR 2016

Precision: +20/-10 seconds per month

CE UK CA

08/2023

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



Pos. I **Position of rest** (watch running)

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

The date can also be corrected during the day-changing phase between 10 pm and midnight. The date of the following day has to be set, because no automatic date change takes place at midnight.

– Pull the crown out to position II (watch still running).
– Turn the crown clockwise until the required date appears.

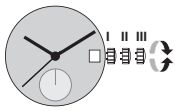
Cal. 6003.D & 6004.D:
– *Turn the crown until the required date appears.*

– Push the crown back into position I.

Pos. III **Setting the time**

– Pull the crown out to position III (watch stopped).
– Turn the crown, until the current time is displayed (remember the 24-hour cycle).
– Push the crown back into position I.

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



Pos. I **Position of rest** (watch running)

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

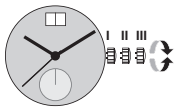
Blocking time for the quick-change day correction is from approx. 9.30 pm and midnight.

– Pull the crown out to position II (watch still running).
– Turn the crown until the current date appears.
– Push the crown back into position I.

Pos. III **Setting the time**

– Pull the crown out to position III (watch stopped).
– Turn the crown, until the current time is displayed (remember the 24-hour cycle).
– Push the crown back into position I.

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



Pos. I **Position of rest** (watch running)

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

The date can also be changed during the day-changing phase between approx. 8.00 pm and midnight.
The date of the following day has to be set, because no automatic date change takes place at midnight.

– Pull the crown out to position II (watch still running).
– Turn the crown until the current date appears.
– Push the crown back into position I.

Pos. III **Setting the time**

– Pull the crown out to position III (watch stopped).
– Turn the crown, until the current time is displayed (remember the 24-hour cycle).
– Push the crown back into position I.

RONDA AG
Hauptstrasse 10
CH-4415 Lausen/Switzerland
Phone +41 61 926 50 00
ronda.ch • info@ronda.ch

Technische Anleitung
Instructions techniques
Technical Instructions
712/713/714/715

11 ½'''

712

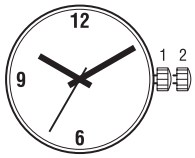
713

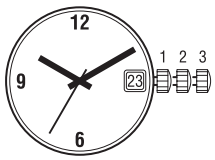
714

715

Funktionen — Fonctions — Functions

Kaliber Calibre Caliber	Stellwellenpos. Pos. de tige Stem position	Funktionen Fonctions Functions
712/713	1	Normale Position / Position normale / Running position
	2	Zeiger stellen, Sekunden-Stopp mit Unterbruch der Motorimpulse Mise à l'heure, stop-seconde avec interruption des impulsions moteur Hand setting, stop-second with interruption of motor impulses
714/715	1	Normale Position / Position normale / Running position
	2	Datumkorrektur / Correction de la date / Date correction
	3	Zeiger stellen, Sekunden-Stopp mit Unterbruch der Motorimpulse Mise à l'heure, stop-seconde avec interruption des impulsions moteur Hand setting, stop-second with interruption of motor impulses



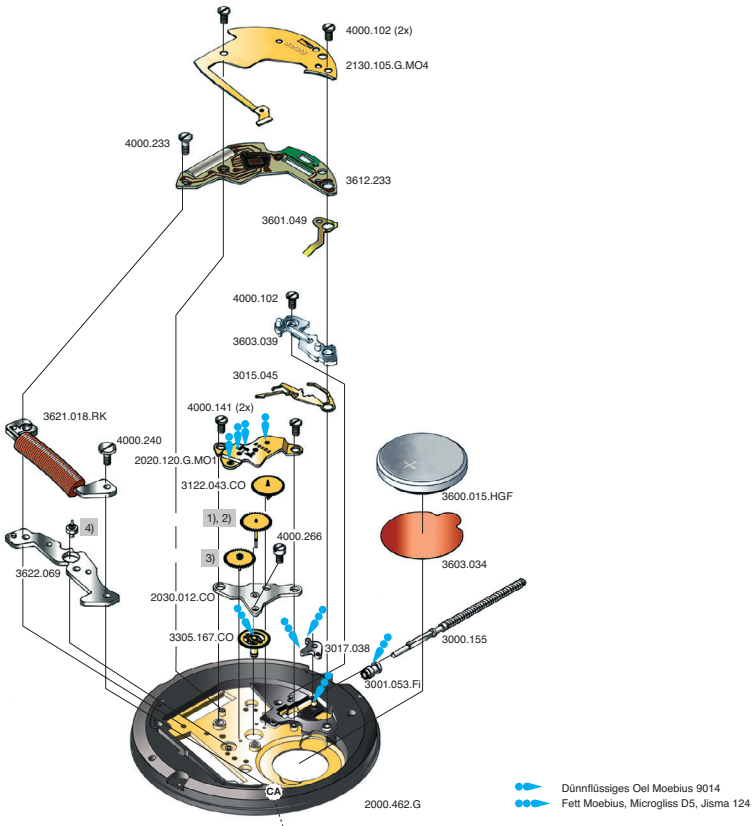


Batterie — Pile — Battery

Kaliber Calibre Caliber	Batterie Pile Battery	Spannung Voltage Tension	Artikelnummer RONDA Numero d'article RONDA Part number RONDA
712–715	371 / SR920SW	1.55 V	3600.015.HGF

Werkaufbau Assemblage Assembling

11 ½‴ 712, 713, 714, 715



Code: Beispiel C**A** / example C**A** / exemple C**A**

Cal. 713	Werkseite / Côté mouvement / Movement side		
Nr. / No. / No.	**Bestandteile**	**Fournitures**	**Spare Parts**
2000.462.G	Werkplatte	Platine	Main Plate
2020.120.G.MO1	Räderwerkbrücke	Pont rouage	Train w. bridge
2030.012.CO	Zentrumbrücke	Pont centre	Centre bridge
2130.105.G.MO4	Modul-Abdeckp.	Couvre module	Module cover pl.
3000.155	Stellwelle	Tige	Stem
3001.053.FI	Kupplungstrieb	Pignon coulant	Sliding pinion
3015.045	Kuppl.-triebhebel	Bascule	Yoke
3017.038	Winkelhebel	Tirette	Setting lever
3122.043.CO	Kleinbodenrad	Roue moyenne	Third wheel
1)	Sekundenrad	Roue secondes	Second-wheel
3)	Zwischenrad	Roue interméd.	Intermed. wheel
3305.167.CO	Minutenrohr	Chaussée	Cannon pinion
3600.015.HGF	Batterie	Pile	Battery
3601.049	Batterie-Kontakt	Bride contact	Battery contact
3603.034	Batterie-Isolation	Isolateur pile	Battery insulation
3603.039	Deckplatte/ Ste.	Couvre mécan.	Setting lev. cover
3612.233	Modul	Module	Module
3621.018.RK	Spule	Bobine	Coil
3622.069	Stator	Stator	Stator
4)	Rotor	Rotor	Rotor
4000.102	Schraube	Vis	Screw
4000.141	Schraube	Vis	Screw
4000.233	Schraube	Vis	Screw
4000.240	Schraube	Vis	Screw
4000.266	Schraube	Vis	Screw

Abweichungen / Divergences / Deviations

Cal. 715	Werkseite / Côté mouvement / Movement side		
3015.040	Kuppl.-triebhebel	Bascule	Yoke

Cal. 712	Werkseite / Côté mouvement / Movement side		
2)	Sekundenrad	Roue secondes	Second-wheel
3)	Zwischenrad	Roue interméd.	Intermed. wheel
3305.176.CO	Minutenrohr	Chaussée	Cannon pinion
4)	Rotor	Rotor	Rotor

Cal. 714	Werkseite / Côté mouvement / Movement side		
3015.040	Kuppl.-triebhebel	Bascule	Yoke
2)	Sekundenrad	Roue secondes	Second-wheel
3)	Zwischenrad	Roue interméd.	Intermed. wheel
3305.176.CO	Minutenrohr	Chaussée	Cannon pinion
4)	Rotor	Rotor	Rotor

	Cal. 713, 715	
	Bis Juni 2014 Jusqu' en Juin 2014 Untill June 2014	Ab Juli 2014 A partir de Juillet 2014 From July 2014
Code	2. Buchstabe … **A** Second letter … **A** 2ème chiffre: … **A**	2. Buchstabe: ab **B** Second letter: from **B** 2ème chiffre: à partir de **B**
1)	3136.087.CO	3136.212.CO
3)	3147.019.CO	3147.092.CO
4)	3715.030.RK	3715.139.RK

Die obigen 3 Teile bilden jeweils eine Gruppe. Deshalb sind die 3 Teile jeder Gruppe nicht einzeln gegeneinander austauschbar.

Les 3 fournitures ci-dessous forment un groupe individuel. C'est pourquoi les 3 fournitures de chaque groupe ne sont pas interchangeables.

The 3 parts mentioned above are forming an individual group. Therefore the 3 parts of each group are not interchangeable.

	Cal. 712, 714	
	Bis Juni 2014 Jusqu' en Juin 2014 Untill June 2014	Ab Juli 2014 A partir de Juillet 2014 From July 2014
Code	2. Buchstabe … **A** Second letter … **A** 2ème chiffre: … **A**	2. Buchstabe: ab **B** Second letter: from **B** 2ème chiffre: à partir de **B**
2)	3136.093.CO	3136.196.CO
3)	3147.019.CO	3147.092.CO
4)	3715.030.RK	3715.139.RK

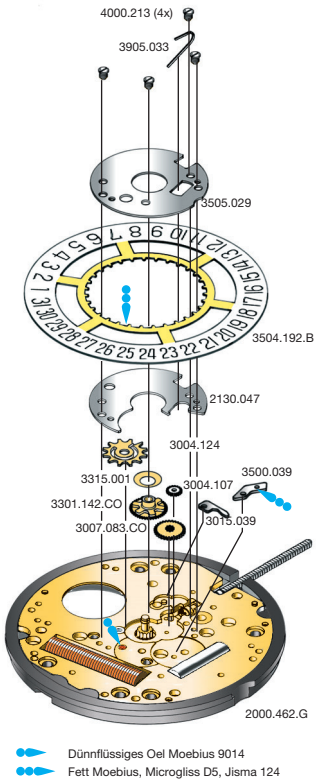
Die obigen 3 Teile bilden jeweils eine Gruppe. Deshalb sind die 3 Teile jeder Gruppe nicht einzeln gegeneinander austauschbar.

Les 3 fournitures ci-dessous forment un groupe individuel. C'est pourquoi les 3 fournitures de chaque groupe ne sont pas interchangeables.

The 3 parts mentioned above are forming an individual group. Therefore the 3 parts of each group are not interchangeable.

Werkaufbau

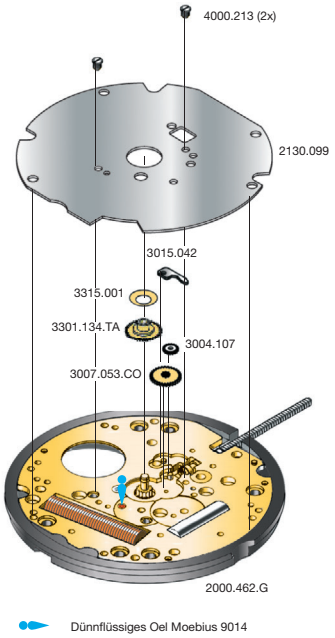
11½‴ 714, 715



Assemblage

Assembling

11½‴ 712, 713

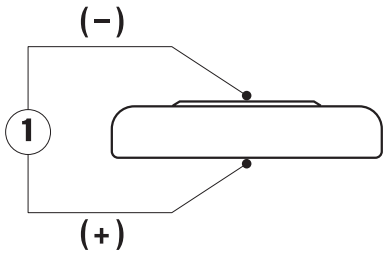


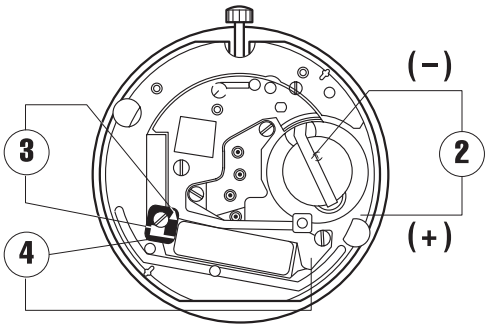
Cal. 714, 715	Zifferblattseite / Côté cadran / Dial side		
Nr. / No. / No.	**Bestandteile**	**Fournitures**	**Spare Parts**
2130.047	Kalenderplatte	Plaque calend.	Date ind. plate
3004.107	Zeigerstellrad	Renvoi minuterie	Setting wheel
3004.124	Datummitn.-Rad	Renvoi entrain.	Ind. driving wheel
3007.083.CO	Wechselrad	Minuterie	Minute wheel
3015.039	Kup.triebhebel u.	Bascule dessous	Lower sec. yoke
3301.142.CO	Stundenrad	Canon	Hour wheel
3315.001	Spreizfeder	Clinquant 2 1/2	Washer 2 1/2
3500.039	Datumraste	Cliquet calend.	Date jumper
3504.192.B	Datumanzeiger	Bague	Date indicator
3505.029	Kal.-Abdeckplatte	Couvercle calend.	Date ind. guard
3905.033	Feder Datumraste	Ressort calend.	Date jumper spr.
4000.213	Schraube	Vis	Screw

Abweichungen / Divergences / Deviations

Cal. 712, 713	Zifferblattseite / Côté cadran / Dial side		
Nr. / No. / No.	**Bestandteile**	**Fournitures**	**Spare Parts**
2130.099	Zeigerwerkhaltep.	Plaque maintien	Maintaining plate
3007.053.CO	Wechselrad	Minuterie	Minute wheel
3015.042	Kup.-triebhebel u.	Bascule dessous	Lower sec. yoke
3301.134.TA	Stundenrad	Canon	Hour wheel

Elektr. Messungen Contrôles électriques Electrical checking





Kaliber Calibre Caliber	Pos. Pos. Pos.	Einheit Unité Unit	Messwerte Valeurs mesurées Measured values	Kontrolle Contrôle Check	Bemerkungen Remarques Remarks
				Batterie-Spannung	Batterie herausnehmen und messen
712–715	1	V	1,55	Tension de la pile	Enlever et mesurer la pile
				Battery voltage	Remove battery for measuring
				Stromaufnahme (Kalender nicht im Eingriff)	Ohne Batterie, mit externer Speisung
712–715	2	µA	0,70–1,35	Consommation de courant (quantième non en prise)	Sans pile, avec alimentation externe
				Current consumption (Date mechanism not in gear)	Without battery, with external power supply
				Funktionskontrolle bei Minimalspannung	Ohne Batterie, mit externer Speisung
712–715	2	V	≤ 1,35	Contrôle de fonctionnement à tension minimale	Sans pile, avec alimentation externe
				Check with lowest possible voltage	Without battery, with external power supply
				Spulenwiderstand	Ohne Batterie
712–715	3	KΩ	1,75–1,95	Résistance de la bobine	Sans pile
				Resistance of the coil	Without battery
				Spulenisolation	Ohne Batterie
712–715	4	KΩ	∞	Isolation de la bobine	Sans pile
				Coil insulation	Without battery
		Sek./Monat		Induktivsonde 60 Sek.	Mit Batterie
712–715		sec./mois	- 10/+ 20	Senseur inductif 60 sec.	Avec pile
		sec./month		Inductive sensor 60 sec.	With battery

Einschalen / Werkzeuge Emboîtage / outils Casing / tools

Nr. H 71X.1A

Nr. H 71X.1T

SWISS MADE	SWISS PARTS

Zeigersetzen
Maximale Aufpresskraft:
– Stunden und Minutenzeiger: max. 40N
– Sekundenzeiger: max. 30N

Beim Zeigersetzen muss das Werk abgestützt werden.

Poser les aiguilles
Force de chassage maximale:
– Aiguilles des heure et des minutes: max. 40N
– Aiguille des secondes: max. 30N

Lors de la pose d'aiguilles, le mouvement doit être soutenu.

Hand setting
Maximal force:
– Hour and minute hands: max. 40N
– Second hand: max. 30N

The movement needs to be supported for hand setting.

Stellwelle entfernen
Beim Entfernen der Stellwelle muss sich die Stellwelle in Position 1 (gedrückt) befinden, bevor auf den Winkelhebel gedrückt wird.

Enlever la tige
En enlevant la tige, la tige doit se trouver en position 1 (poussée), avant de pousser sur la tirette.

Stem removal
For removal of the stem, the stem must be pushed into position 1 (pressed in) prior to apply pressure to the setting lever.