

ISA SPECIALITY

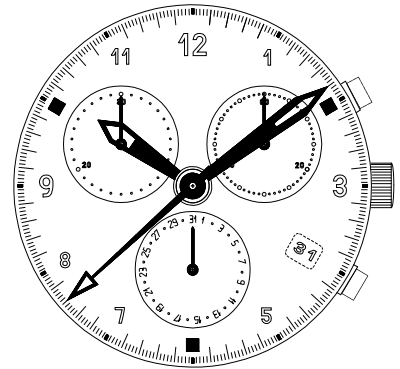
Cal 8171 / 202



SWISS MADE

ISASWISS CONCEPT

11 1/2 '''
25.60 mm
H. 3.70



In conformity with RoHS standard

CHRONOGRAPHS

10h



30 Mins.
Chrono

6h

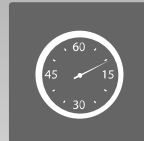


Date by
Hand



Date by
Window
(Optional)

2h



Small Sec.



End Of Life

ISASWISS
WATCH MECHANISMS



Caractéristiques :

Mouvement électronique à quartz. Moteur bi-rotor breveté. Moteurs rotatifs pas à pas. Petite seconde, 1 pas par seconde.
6 Aiguilles.
Tige 3 positions.
Date à aiguille
Quantième par guichet optionnel, correcteur de quantième rapide.
Trotteuse chronographe centrale, cinq pas par seconde. Compteur de minutes, 30 minutes, 1 pas par minute. Arrêt et remise à zéro automatique après 2 heures de chronométrage.
Fin de vie (EOL): Déplacement de l'aiguille de petite seconde de 4 pas toutes les 4 secondes.
Dispositif stop mécanique et électronique.

Characteristics :

Electronic quartz movement. Patented double rotor motor. Rotating stepping motors. Small second, 1 step per second.
6 Hands.
Stem 3 positions.
Date by hand.
Date by window optional, quick date correction.
Central chronograph trotteuse, five steps per second. Minute-counter, 30 minutes, 1 step per minute. Autostop and reset after 2 hours of timing.
End of life (EOL): Indication by small second hand jumping 4 successive steps every 4 seconds.
Stop device and current breaker.

Kennzeichnungen :

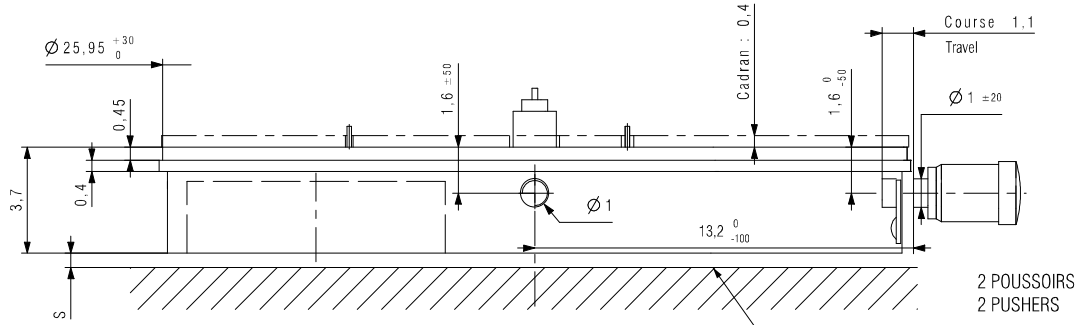
Elektronisches Quarzwerk. Patentierter Zweirotor Motor. Schrittschaltmotor Kleine Sekunde, 1 Schritt pro Sekunde.
6 Zeiger.
Stellwelle 3 Positionen.
Kleiner Datumszeiger.
Rasche Korrektur des Datums mittels Stellwelle (Option).
Zentraler Chrono Zeiger, fünf Schritte pro Sekunde. 30 Minuten Zähler, 1 Schritt pro Minute. Stop und automatische Nullstellung nach 2 Zeitmessungstunden.
Batterie-End-Anzeige (EOL): Vorrücken des Sekundenzeigers alle 4 Sekunden (4-Schritt-Motorimplus).
Möglichkeit mechanisch oder elektrisch zu stoppen.

Critères Criteria Kriterium	Conditions Conditions Bedingungen	Min.	Typ.	Max.	Unités Units Einheit
Consommation Current consumption Stromaufnahme	U=1.55V T=25°C sans/without/Ohne chrono avec/with/Mit chrono 1 h/j,h/d,S/T		1.35 12.00		µA
Marche instantanée Instantaneous rate Momentaner Gang	U=1.55V T=25°C	-0.5 (-15)		+ 0.5 (+15)	s/jour s/day s/Tag (s/mois s/month s/Monat)
Température de fonctionnement Operating temperature Betriebstemperatur		0		+ 50	°C
Résistance aux champs magnétiques Resistance to magnetic fields Magnetfeldabschirmung			1500 (18.8)		A/m (Oe)

Qté Qty Menge	Désignation Designation Bezeichnung	Type Model Typ	Tension Voltage Spannung	Code Code Code	Capacité Capacity Kapazität	Autonomie théorique Theoretical Autonomy Theoretische Gangreserve
1	Pile Battery Batterie 9.50 x 2.70	SR 927 W	1.55 V	395	55 mAh	57 mois 41 * months Monate

* Avec chrono 1h / j - With chrono 1h / d - Mit chrono 1St./T

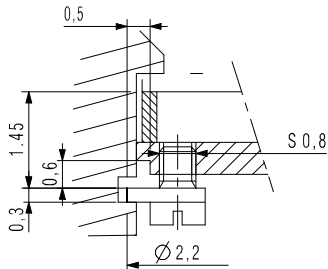
CAGE (POUSSOIRS RADIAUX) / FRAME (RADIAL PUSHERS)



S = 0.30 ± 0.08 pour exécution bride positive
S = 0.50 mini pour exécution bride positive spéciale

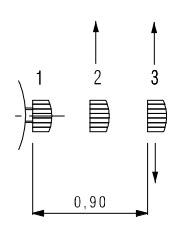
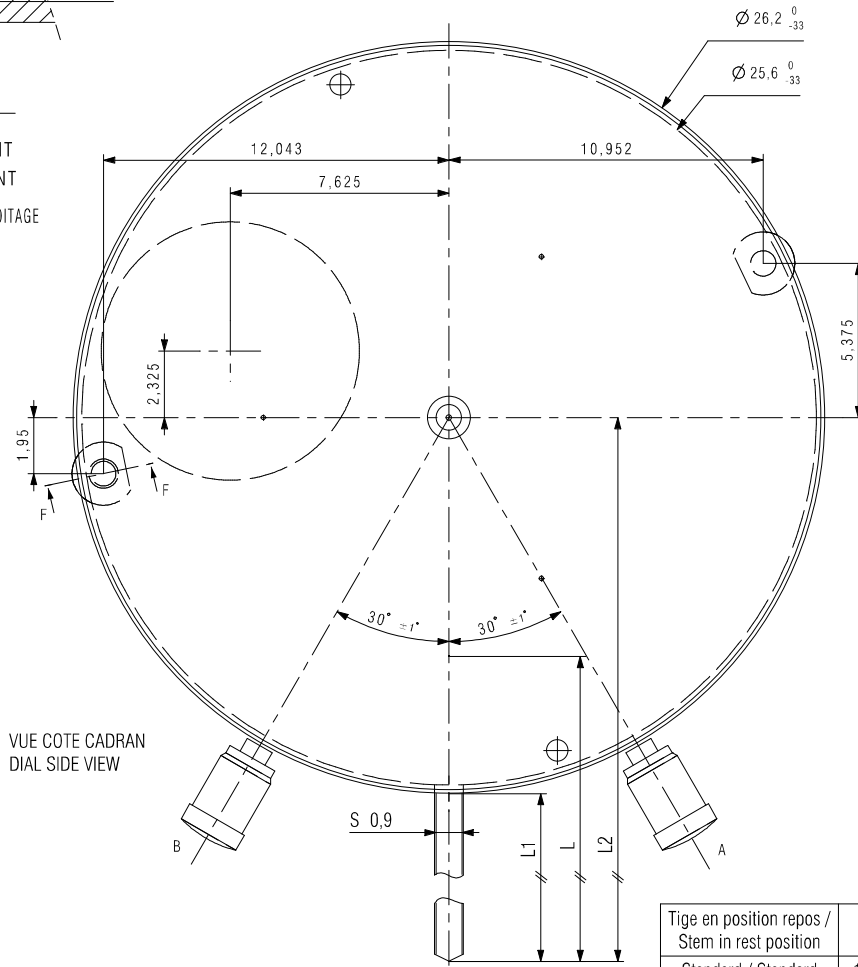
Fond de la boîte
Case back

COUPE / CUT F-F



FIXATION DU MOUVEMENT
FASTENING OF MOVEMENT

CLEFS DE FIXE OU CERCLE D'EMBOITAGE
CASE SCREWS OR CASING RING
AUTRES FIXATIONS POSSIBLES
OTHER FIXATIONS POSSIBLES



- 1 : REPOS - REST
- 2 : QUANTIEME - DATE INITIALISATION
- 3 : MISE A L'HEURE - HANDS SETTING STOP

VUE COTE CADRAN
DIAL SIDE VIEW

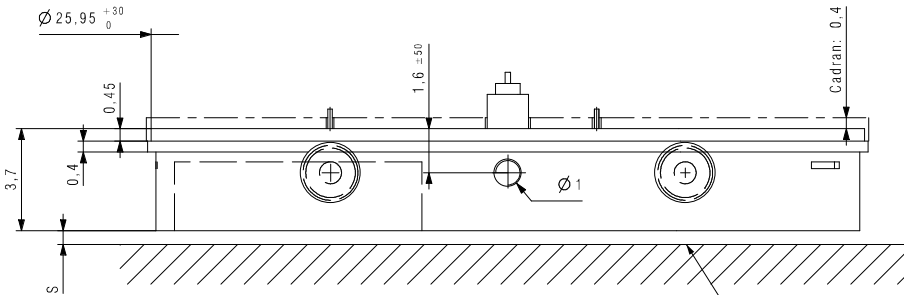
Tige en position repos / Stem in rest position	L	L1	L2
Standard / Standard	17.1 ± 0.100	9.25	22.35
Longue / Long	25 ± 0.100	17.15	30.25

DIMENSIONS IN mm - TOLERANCES IN µm.

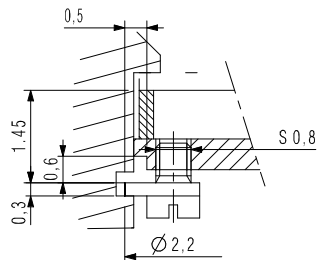
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CAGE (POUSOIRS PARALLELES) / FRAME (PARALLEL PUSHERS)

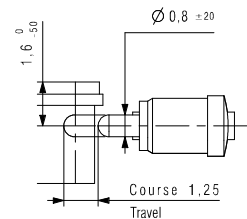


COUPE / CUT F-F



S = 0.30 ±80 pour exécution bride positive
S = 0.50 mini pour exécution bride positive spéciale

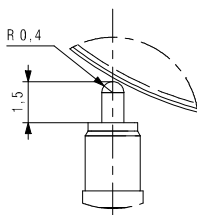
Fond de la boîte
Case back



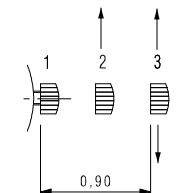
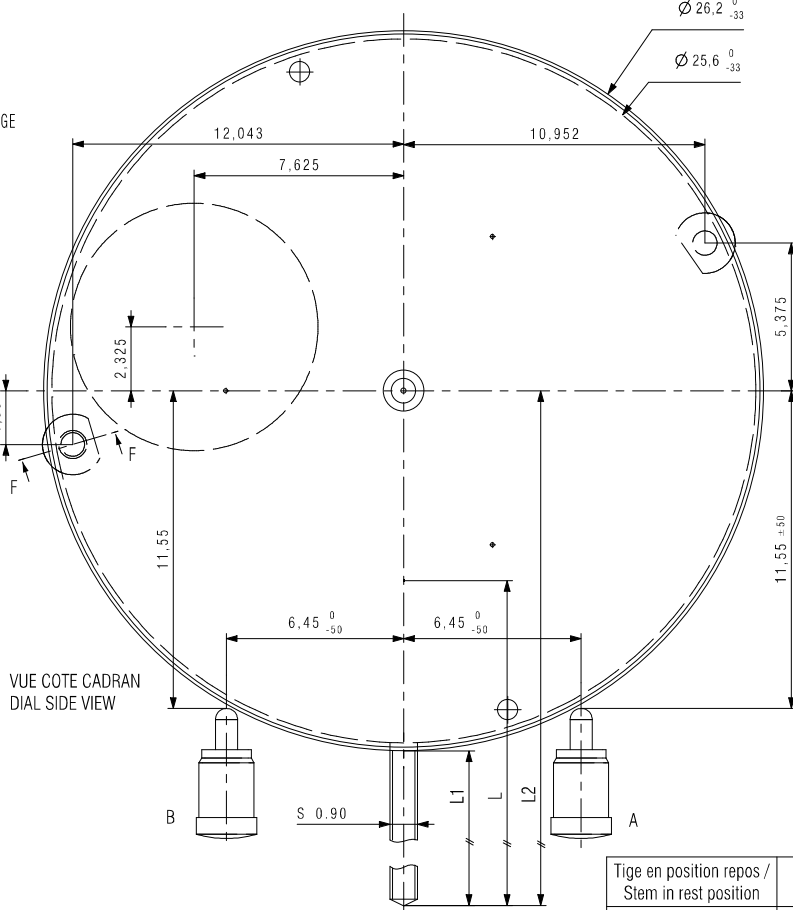
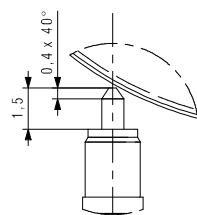
FIXATION DU MOUVEMENT
FASTENING OF MOVEMENT

CLEFS DE FIXE OU CERCLE D'EMBOITAGE
CASE SCREWS OR CASING RING
AUTRES FIXATIONS POSSIBLES
OTHER FIXATIONS POSSIBLES

Solution 1



Solution 2



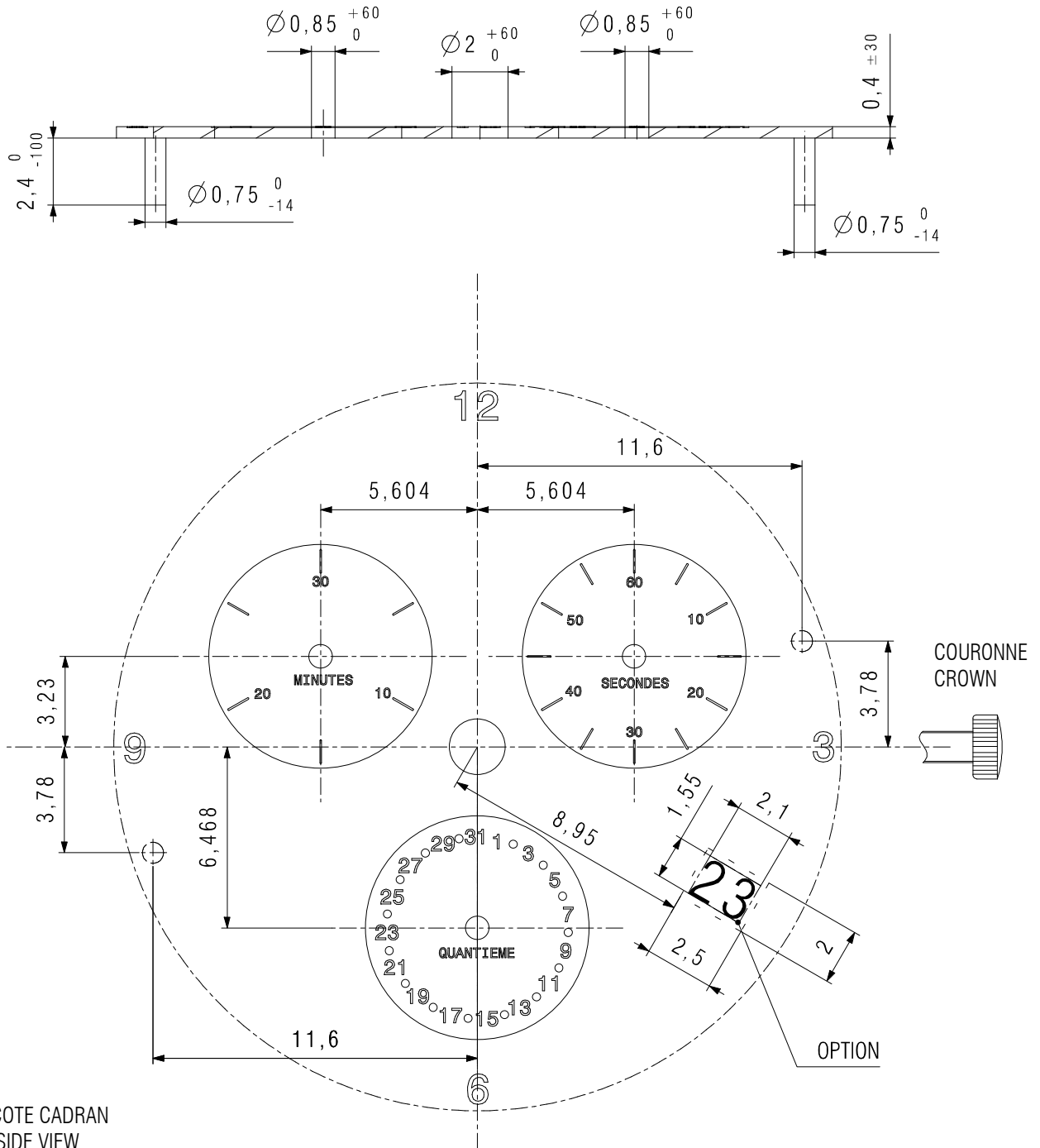
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- 2 : QUANTIEME - DATE INITIALISATION
- 3 : MISE A L'HEURE - HANDS SETTING STOP

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DIMENSIONS IN mm - TOLERANCES IN µm.



CADRAN / DIAL



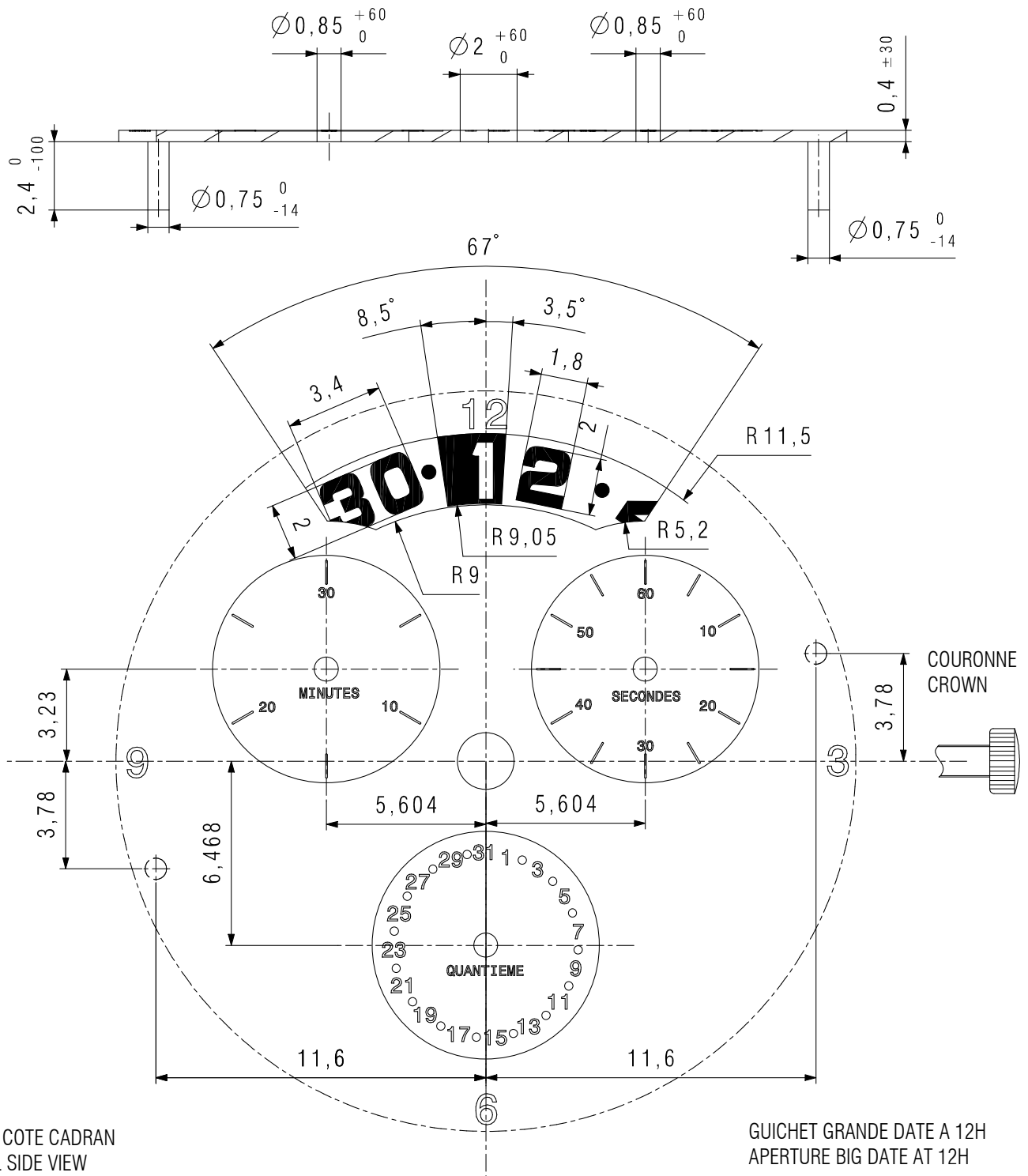
VUE COTE CADRAN
DIAL SIDE VIEW

DIMENSIONS IN mm - TOLERANCES IN μ m.

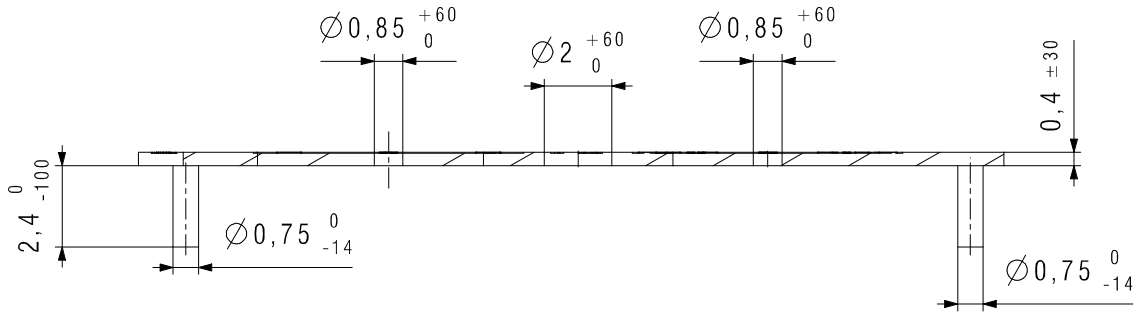
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CADRAN / DIAL

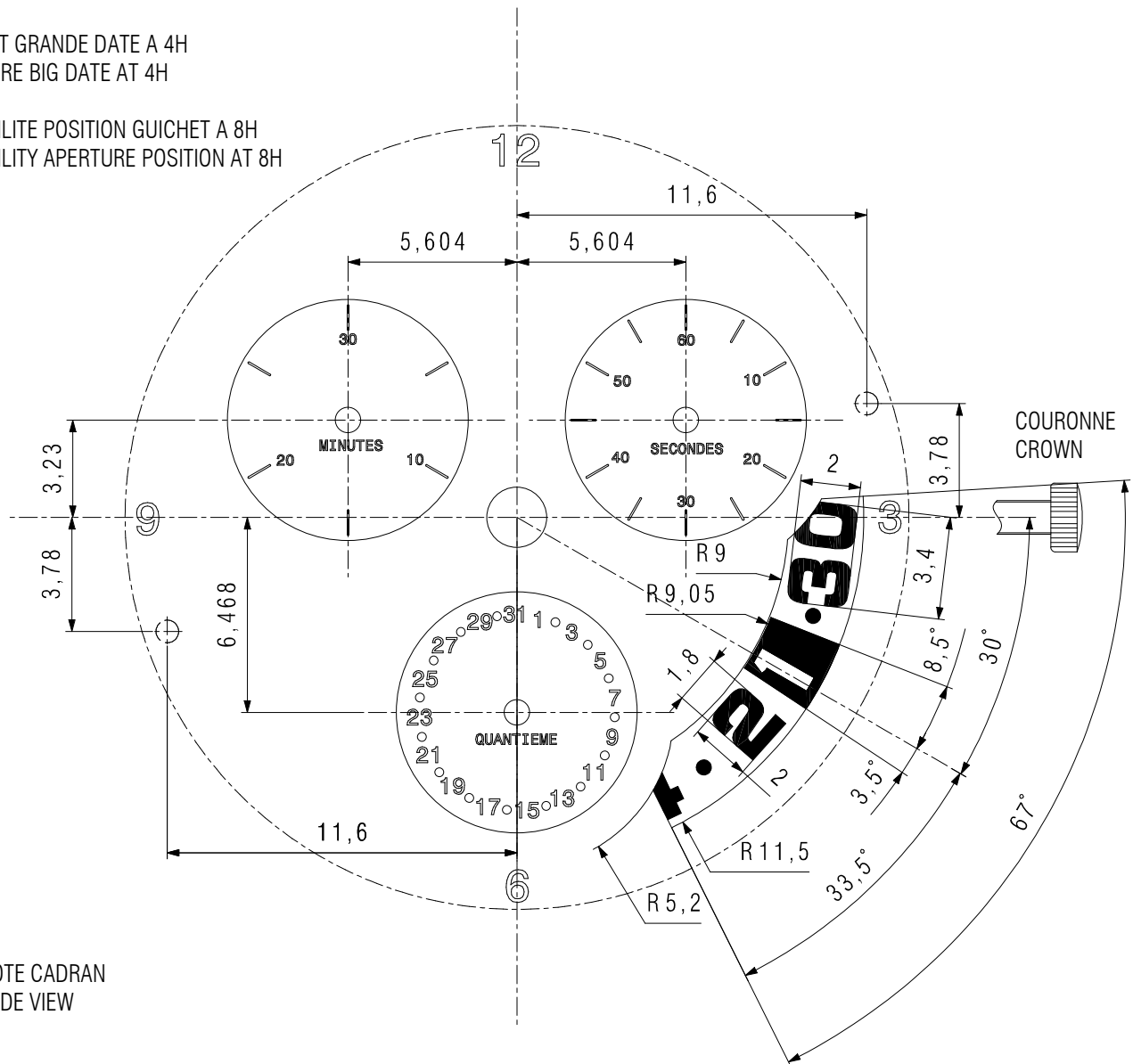


CADRAN / DIAL



GUICHET GRANDE DATE A 4H
APERTURE BIG DATE AT 4H

POSSIBILITE POSITION GUICHET A 8H
POSSIBILITY APERTURE POSITION AT 8H



VUE COTE CADRAN
DIAL SIDE VIEW

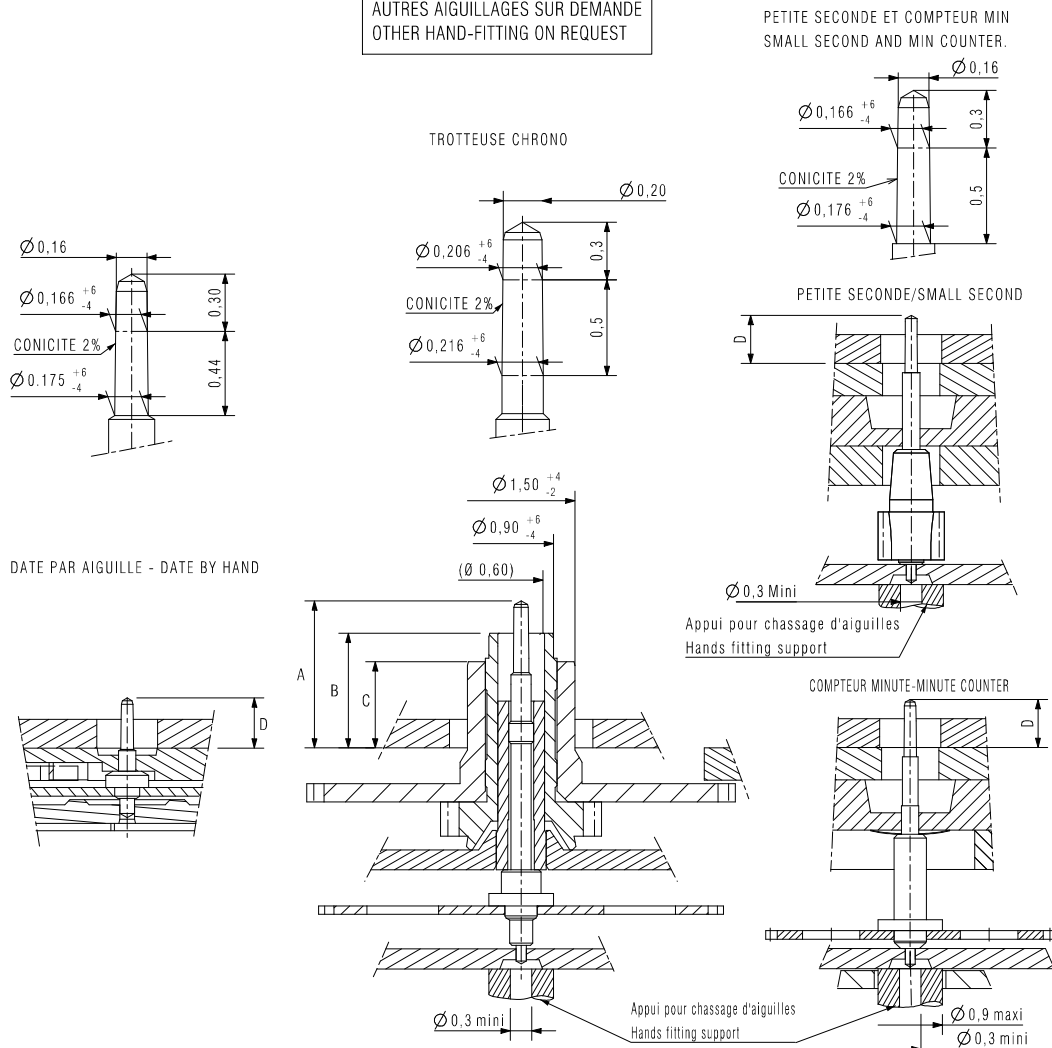
DIMENSIONS IN mm - TOLERANCES IN µm.

In conformity with RoHS standard

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AIGUILLAGE / HAND-FITTING

AUTRES AIGUILLAGES SUR DEMANDE
 OTHER HAND-FITTING ON REQUEST



AIGUILLAGE / HAND-FITTING	Dépassement / Height over dial seat				Epaisseur cadran / Dial Thickness
	A	B	C	D	
	Pignon Central / Central wheel pinion	Chaussée / Cannon pinion	Roue des heures / Hour wheel	Pignon petit(s) compteur(s) / Small counter(s) wheel pinion	
N°2	2.05	1.60	1.20	0.70	0.40
CHOCS 550 g / 550 g SHOCKS	Masse / Mass	Balourd / Unbalance	Inertie / Inertia	FORCE DE CHASSAGE / PRESS-IN-FORCE	
Aiguille des heures - Hour Hand	≤ 2750 mg	≤ 110 µNm	≤ 88 gmm ²	≤ 25 N	
Aiguille des minutes - Minute Hand	≤ 250 mg	≤ 10 µNm	≤ 8 gmm ²	≤ 25 N	
Trotteuse centrale - Central Hand	≤ 20 mg	≤ 0.8 µNm	≤ 0.66 gmm ²	≤ 25 N	
Aiguilles des petits compteurs - Small counters Hands	≤ 5 mg	≤ 0.2 µNm	≤ 0.16 gmm ²	≤ 20 N	

DIMENSIONS IN mm. - TOLERANCES IN µm.

In conformity with RoHS standard

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ISASPECIALITY

8171/ 202



SWISS MADE

ISASWISS CONCEPT

11 1/2'''
25.60 mm

EXEMPLE DE PRESENTATION
DESIGN SAMPLE



In conformity with RoHS standard

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ISASWISS
WATCH MECHANISMS

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