

ISA SPECIALITY

Cal 8171 / 204

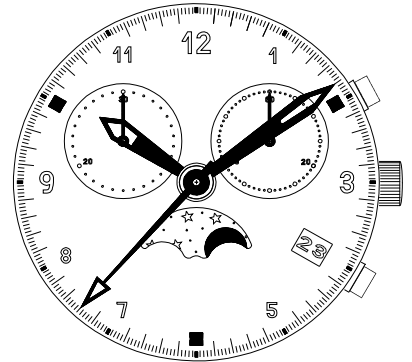


SWISS MADE



FAR EAST ASSEMBLY

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



In conformity with RoHS standard

CHRONOGRAPHS

10h



30 Mins.
chrono

6h



Moon
phases

28

Day by
window

2h



Small Sec.

EOL

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.
5 Aiguilles.
Tige 3 positions.
Quantième par guichet, 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.
Phase de lune.
Fin de vie (EOL): Déplacement de l'aiguille de petite seconde de 4 pas toutes les 4 secondes.
Dispositif stop mécanique et électronique.
3 rubis.

Characteristics :

Electronic quartz movement. Patented double rotor motor. Rotating stepping motors. Small second, 1 step per second.
5 Hands.
Stem 3 positions.
Date by window, 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.
Moon phases.
End of life (EOL): Indication by small second hand jumping 4 successive steps every 4 seconds.
Stop device and current breaker.
3 jewels.

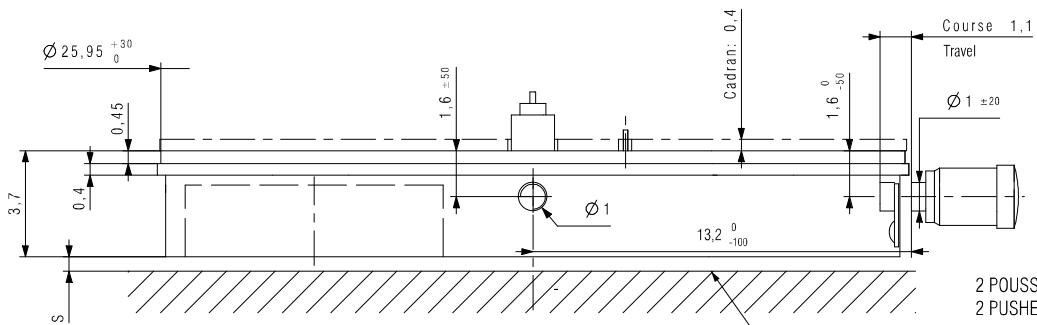
Kennzeichnungen :

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

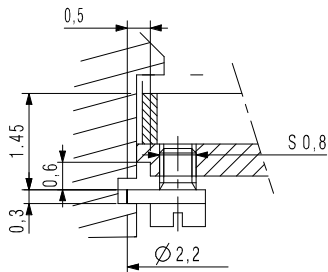
Critères Criteria Kriterium		Conditions Conditions Bedingungen			Min.	Typ.	Max.	Unités Units Einheit
Consommation Current consumption Stromaufnahme		U=1.55V T=25°C sans/without/Ohne chrono avec/with/Mit chrono 1 h/j,h/d,S/T				1.35 12.00	1.50	µA
Marche instantanée Instantaneous rate Momentaner Gang		U=1.55V T=25°C Intégration sur 60 secondes Integration on 60 seconds 60 Sekunden integration			-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 1 h. / j. - With chrono 1 h. / d. - Mit Chrono 1 St. / T.

CAGE (POUSSOIRS RADIAUX) / FRAME (RADIAL PUSHERS)



COUPE / CUT F-F

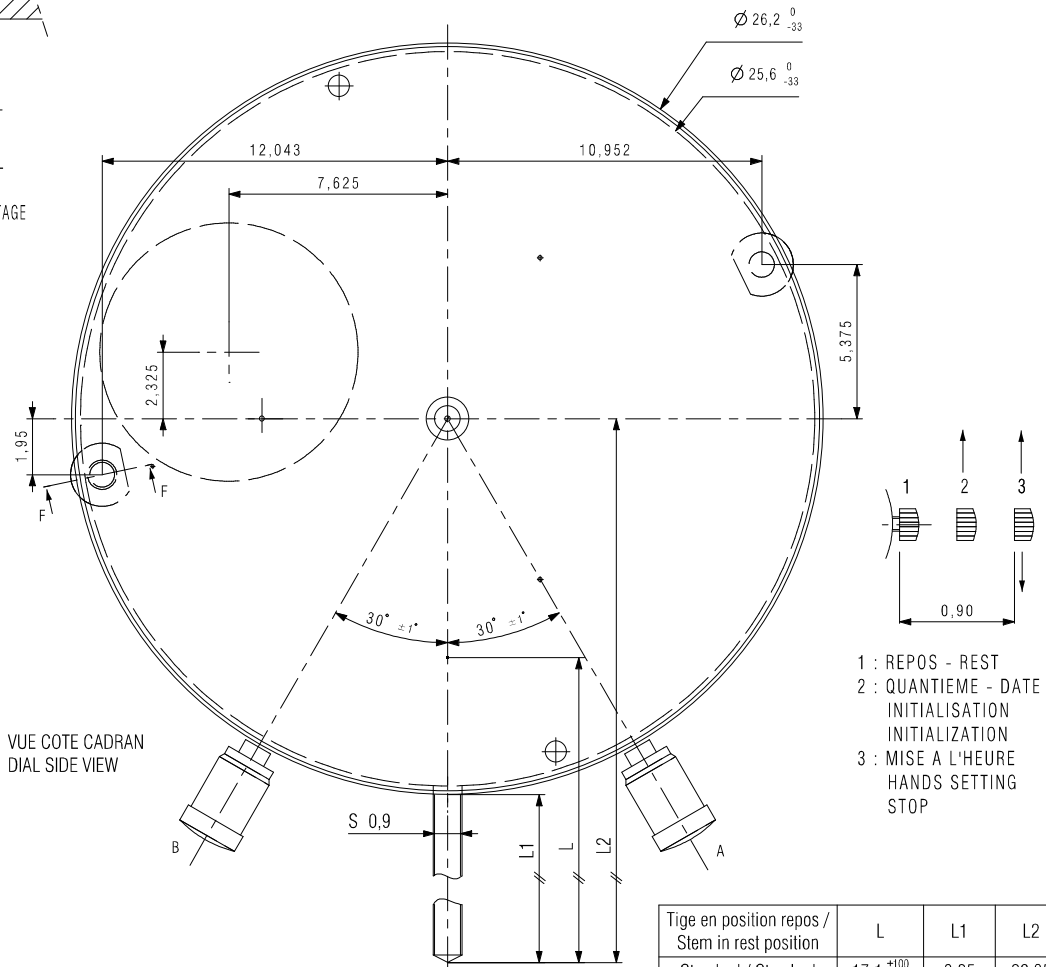


FIXATION DU MOUVEMENT
FASTENING OF MOVEMENT

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

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

Fond de la boîte
Case back



VUE COTE CADRAN
DIAL SIDE VIEW

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

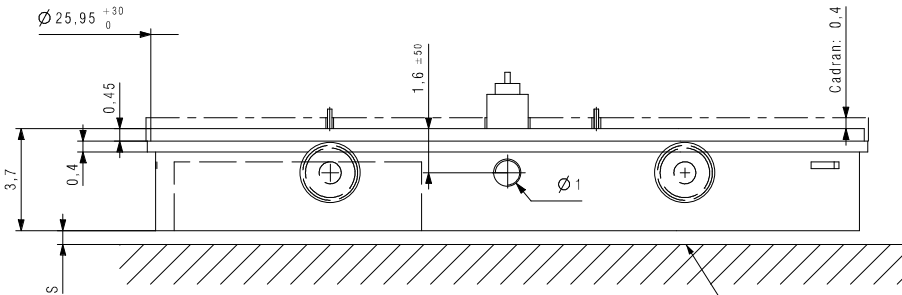
Tige en position repos / Stem in rest position	L	L1	L2
Standard / Standard	17.1 ^{±100}	9.25	22.35
Longue / Long	25 ^{±100}	17.15	30.25

DIMENSIONS IN mm. - TOLERANCES IN µm.

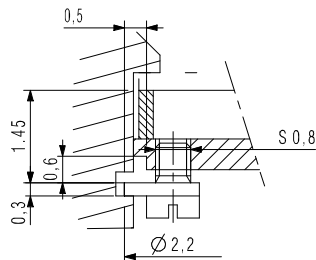
In conformity with RoHS standard

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CAGE (POUSSOIRS PARALLELES) / FRAME (PARALLEL PUSHERS)

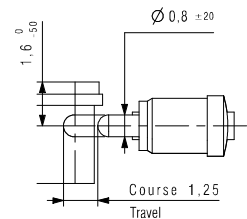


COUPE / CUT F-F



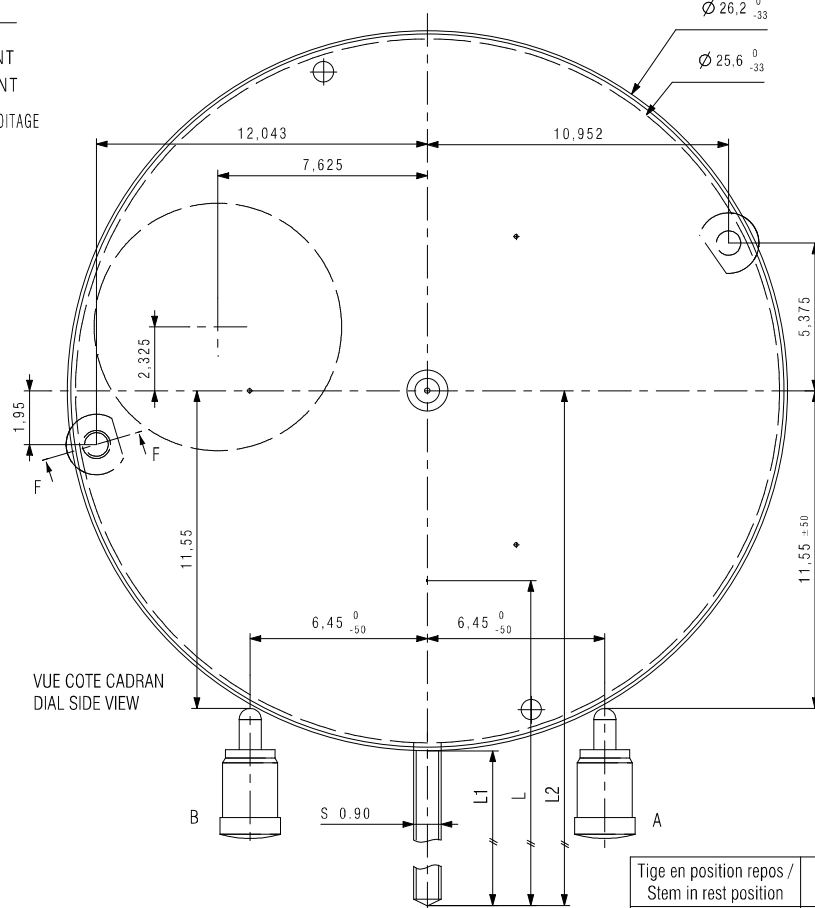
S = 0.30 ±80 pour exécution bride positive
 S = 0.50 mini pour exécution bride positive spéciale

Fond de la boite
 Case back

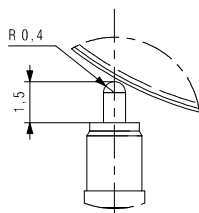


FIXATION DU MOUVEMENT
 FASTENING OF MOVEMENT

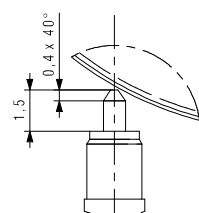
CLEFS DE FIXE DU CERCLE D'EMBOITAGE
 CASE SCREWS OR CASING RING
 AUTRES FIXATIONS POSSIBLES
 OTHER FIXATIONS POSSIBLES



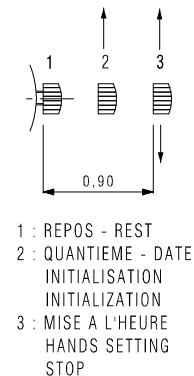
Solution 1



Solution 2



VUE COTE CADRAN
 DIAL SIDE VIEW



Tige en position repos / Stem in rest position	L	L1	L2
Standard / Standard	17.1 ±0.00	9.25	22.35
Longue / Long	25 ±0.00	17.15	30.25

DIMENSIONS IN mm - TOLERANCES IN µm.

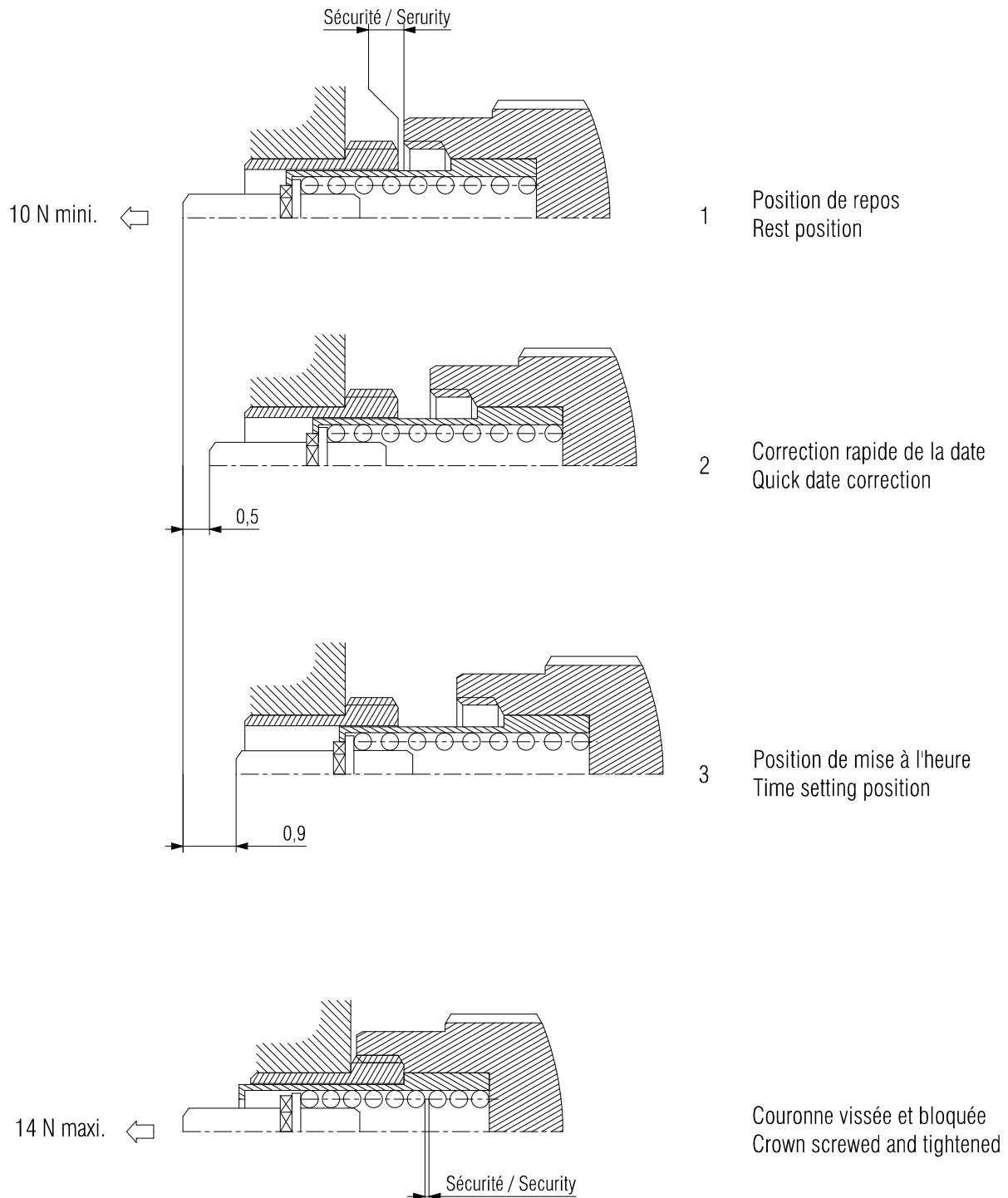
In conformity with RoHS standard

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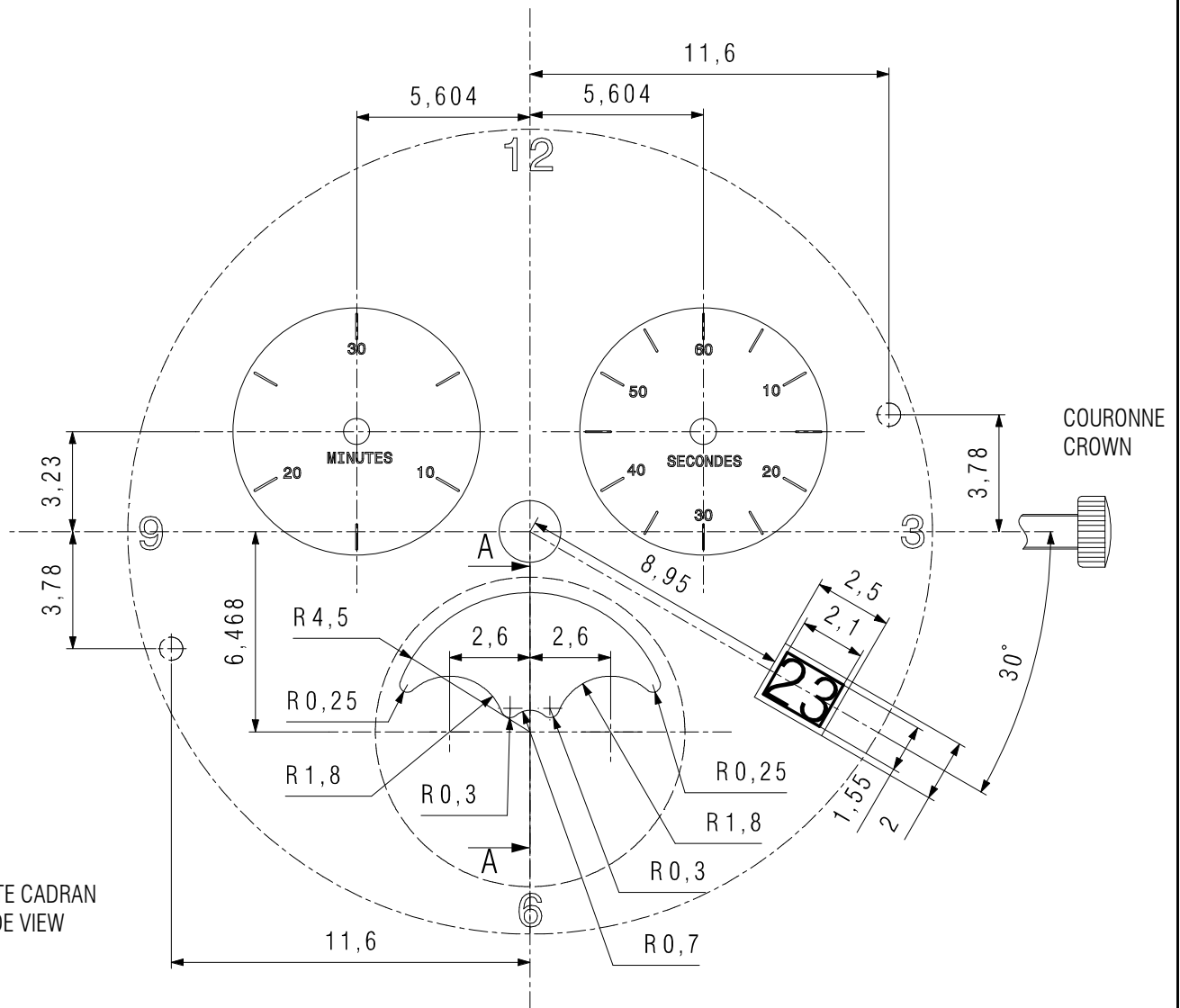
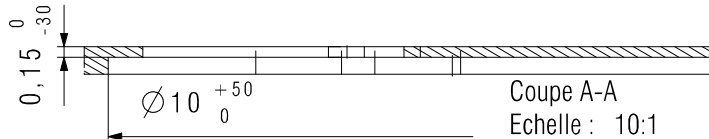
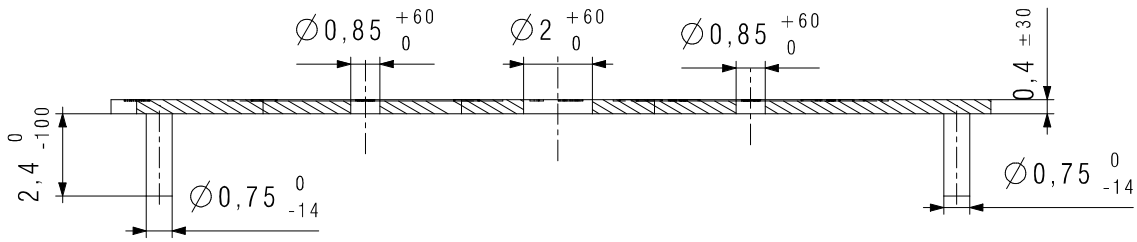
Lo
ng



UTILISATION DE COURONNES VISSEES / USE SCREWED CROWN



CADRAN / DIAL

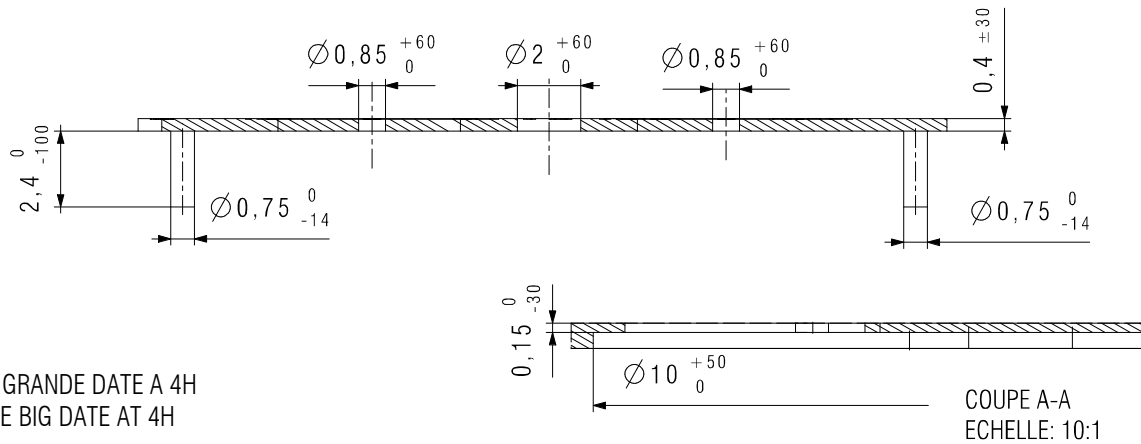


DIMENSIONS IN mm. - TOLERANCES IN μ m.

In conformity with RoHS standard

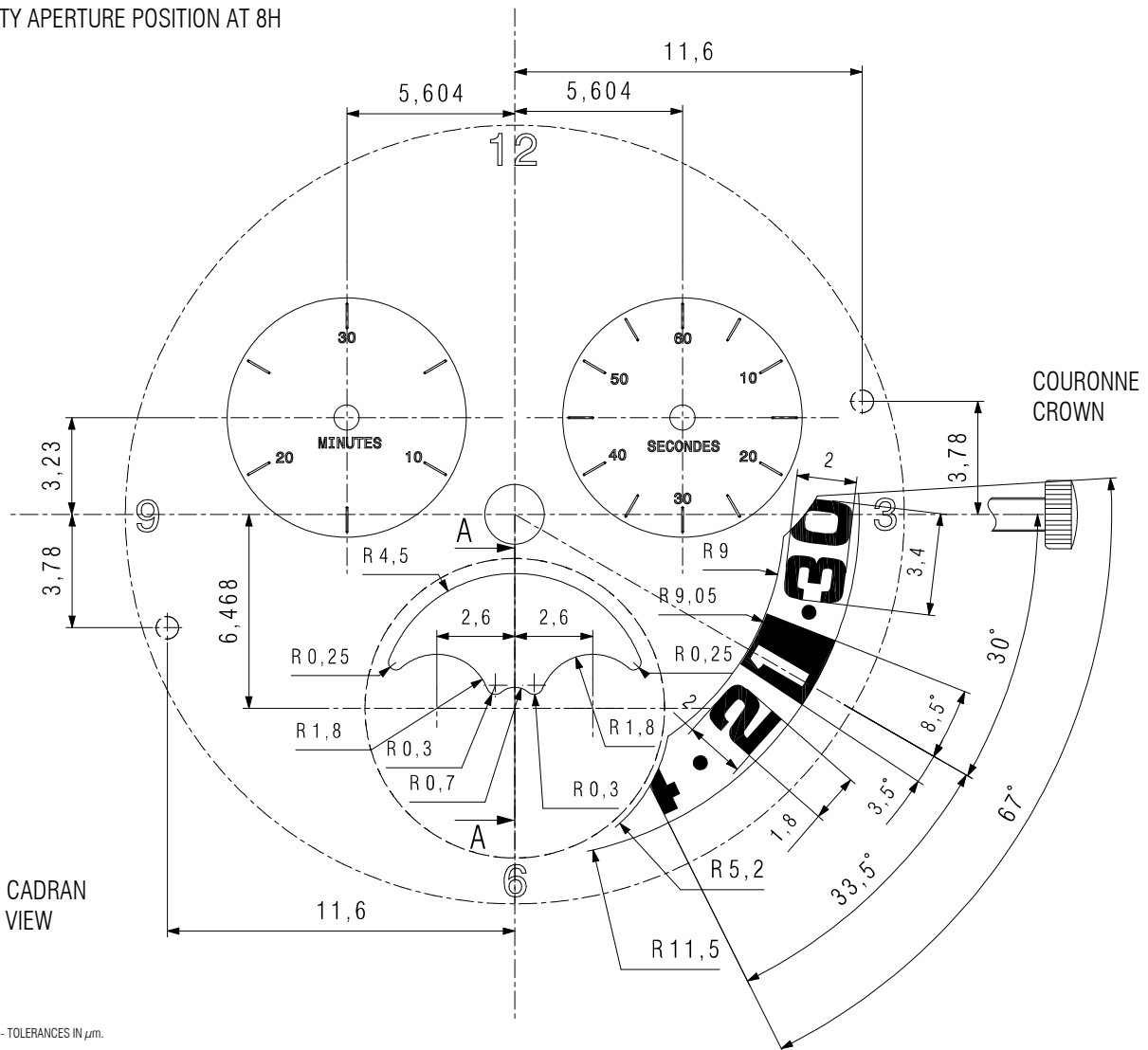
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CADRAN / DIAL



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

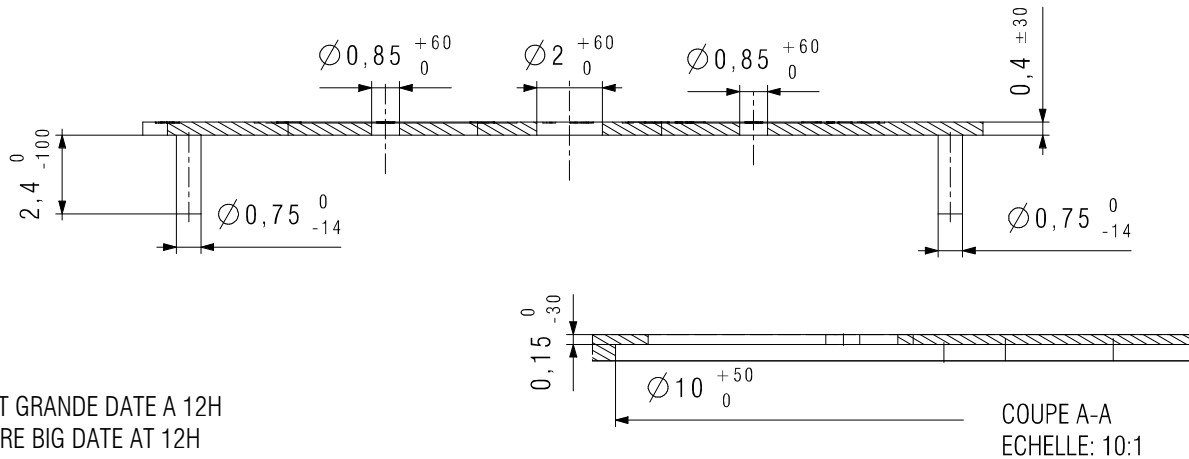
POSSIBILITE POSITION GUICHET A 8H
POSSIBILITY APERTURE POSITION AT 8H



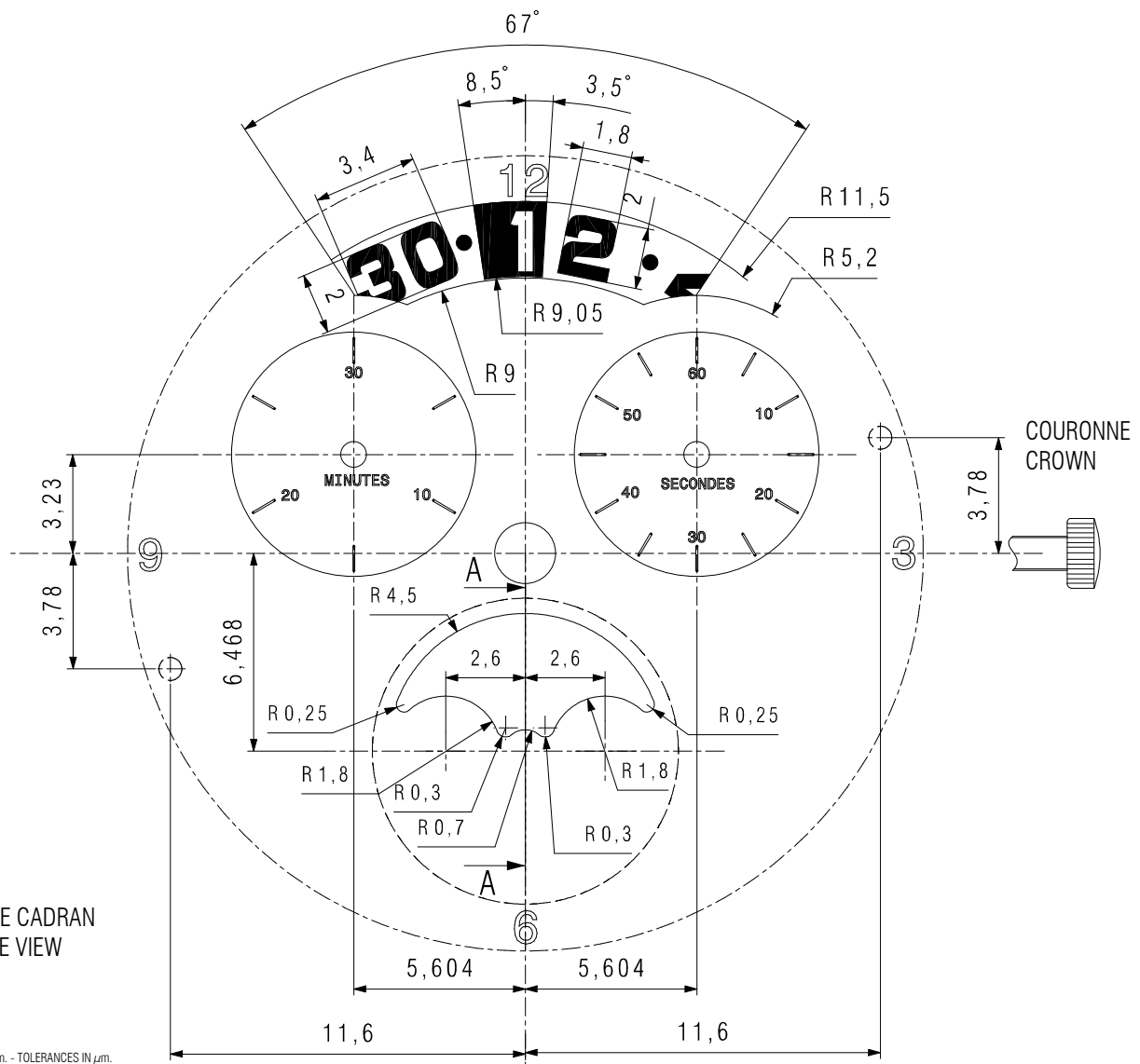
VUE COTE CADRAN
DIAL SIDE VIEW

DIMENSIONS IN mm. - TOLERANCES IN μm .

CADRAN / DIAL



GUICHET GRANDE DATE A 12H
APERTURE BIG DATE AT 12H

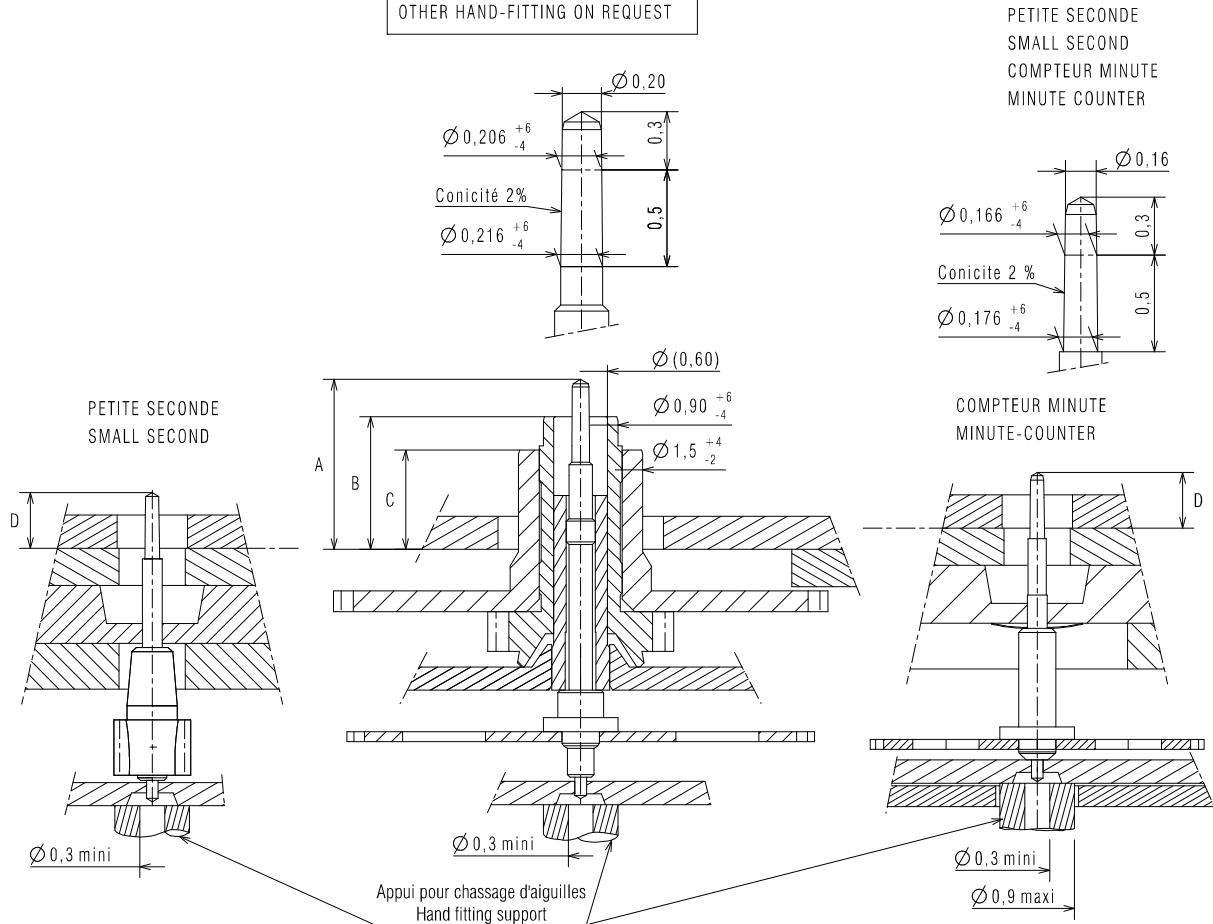


DIMENSIONS IN mm. - TOLERANCES IN μ m.



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	
N°2	2.05	1.60	1.20	0.70	0.40
N°4	2.50	2.05	1.65	1.15	0.85 maxi.
N°5	3.10	2.70	2.30	1.37	1.10 maxi.
Hauteur tube / Pipe height	0.70	0.35	0.60	0.70	—
CHOCS 450 g / 450 g SHOCKS	Balourd / Unbalance		FORCE DE CHASSAGE / PRESS-IN-FORCE		
Aiguille des heures - Hour Hand	—		≤ 25 N		
Aiguille des minutes - Minute Hand	≤ 10 µNm		≤ 25 N		
Trotteuse centrale - Central Hand	≤ 0.8 µNm		≤ 25 N		
Aiguilles des petits compteurs - Small counters Hands	≤ 0.2 µNm		≤ 20 N		

DIMENSIONS IN mm. - TOLERANCES IN µm.

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ISASPECIALITY

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SWISS MADE

FAR EAST ASSEMBLY

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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