

ISA SPECIALITY

Cal 8171 / 204

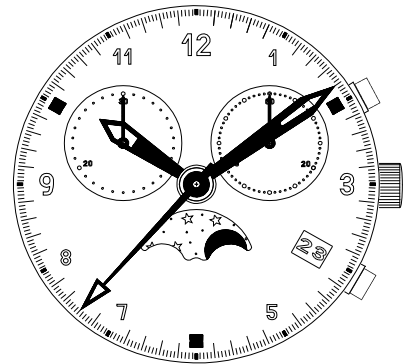


SWISS MADE



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.

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.

Kennzeichnungen :

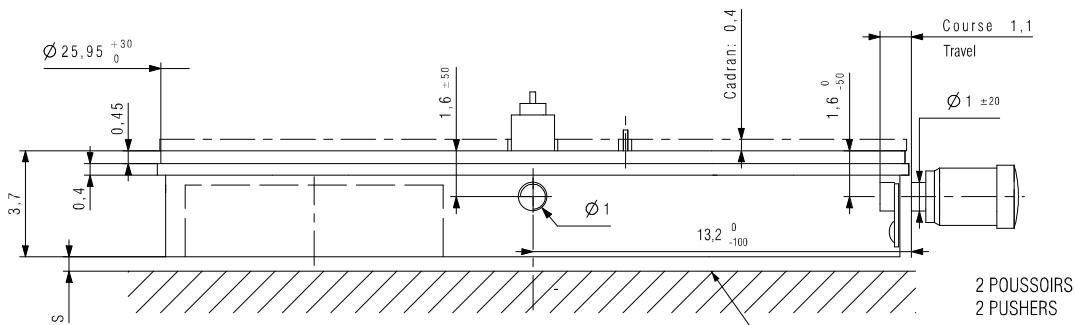
Elektronisches Quarzwerk. Patentierter Zweirotor Motor. Schrittschaltmotor Kleine Sekunde, 1 Schritt pro Sekunde.
Stellwelle 3 Positionen.
Kleiner Datumszeiger.
Rasche Korrektur des Datums mittels Stellwelle.
Zentraler Chrono Zeiger, fünf Schritte pro Sekunde. 30 Minuten Zähler, 1 Schritt pro Minute. 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.

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

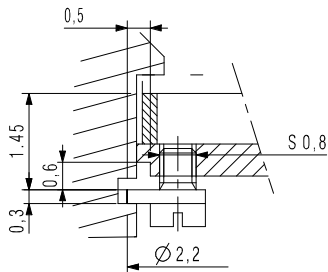
CAGE (POUSSOIRS RADIAUX) / FRAME (RADIAL PUSHERS)



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

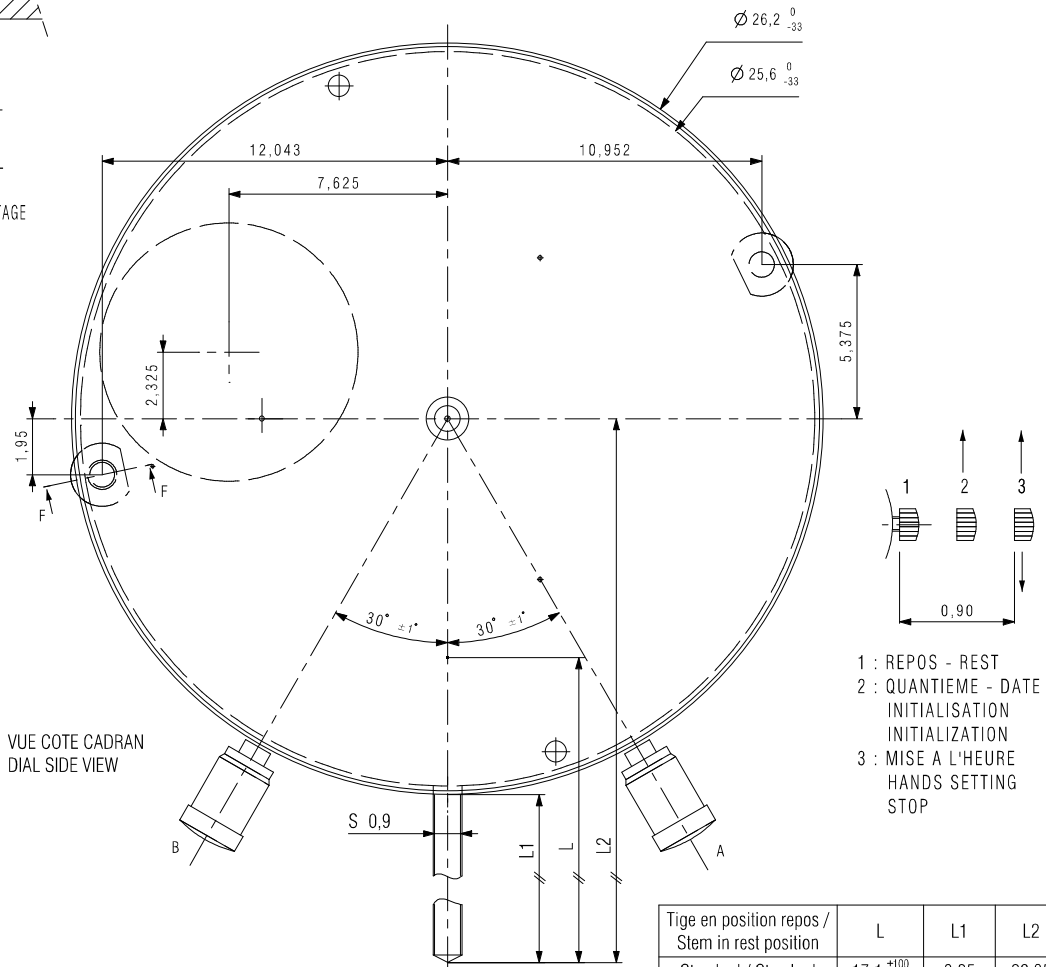
Fond de la boîte
 Case back

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

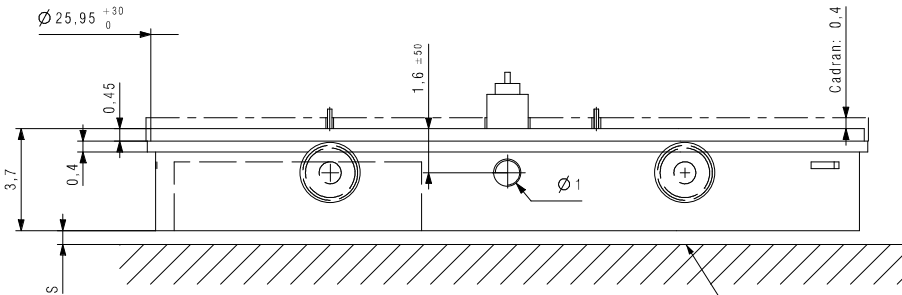
Tige en position repos / Stem in rest position	L	L1	L2
Standard / Standard	17.1 ±100	9.25	22.35
Longue / Long	25 ±100	17.15	30.25

DIMENSIONS IN mm. - TOLERANCES IN µm.

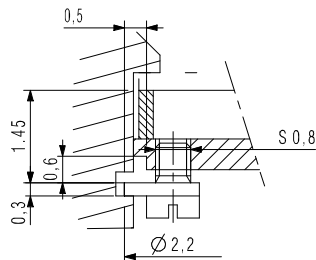
In conformity with RoHS standard

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CAGE (POUSSOIRS PARALLELES) / FRAME (PARALLEL PUSHERS)

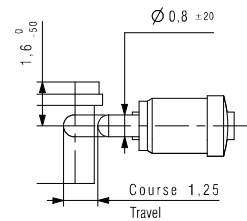


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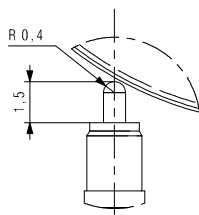
Fond de la boite
 Case back



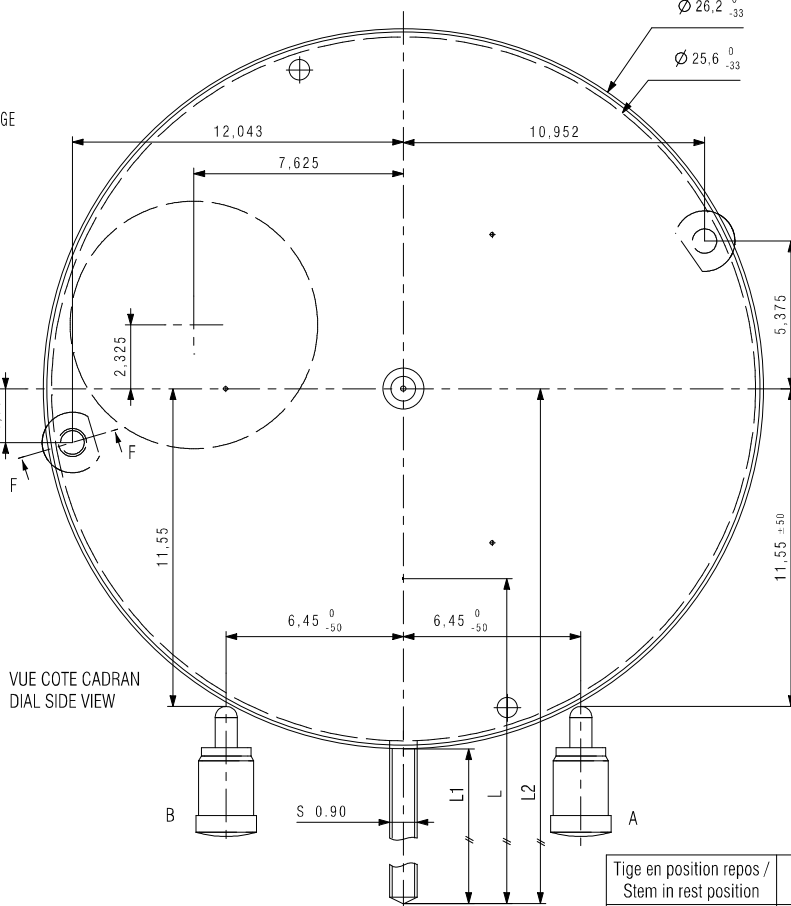
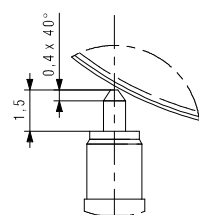
FIXATION DU MOUVEMENT
 FASTENING OF MOVEMENT

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

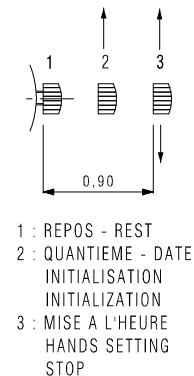
Solution 1



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

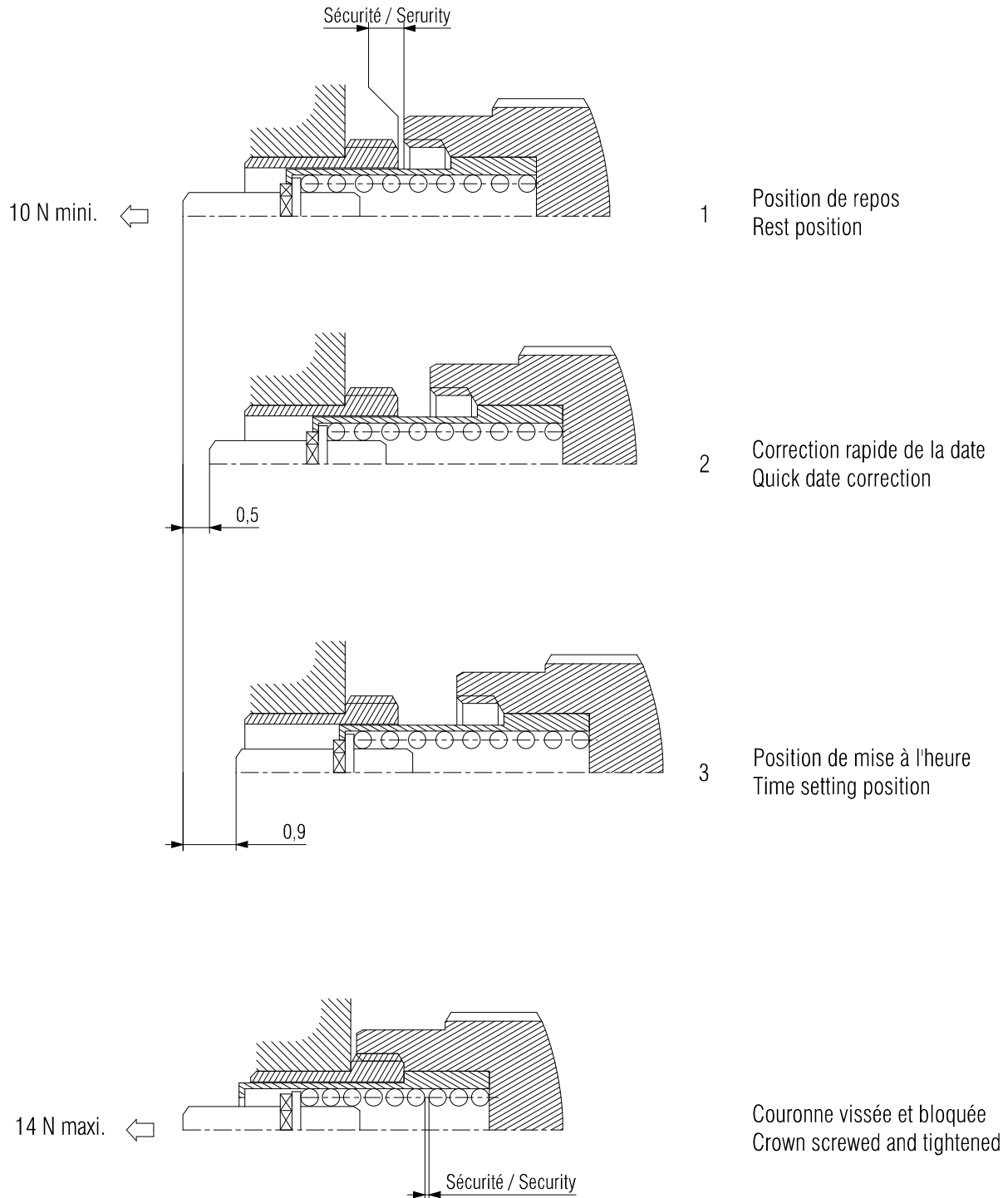
DIMENSIONS IN mm - TOLERANCES IN µm.

In conformity with RoHS standard

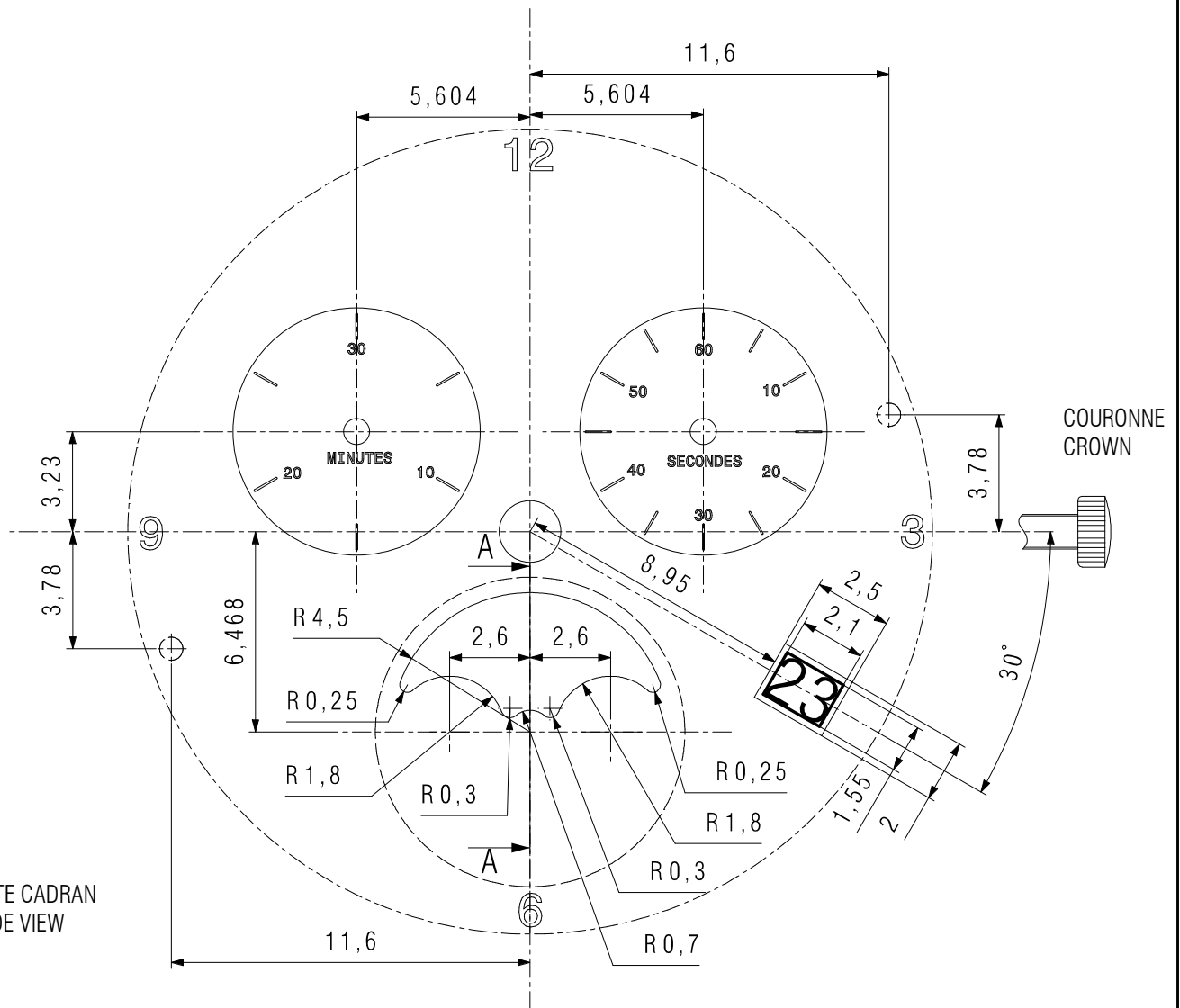
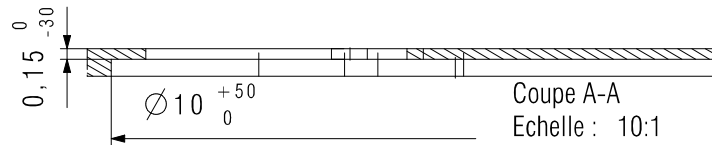
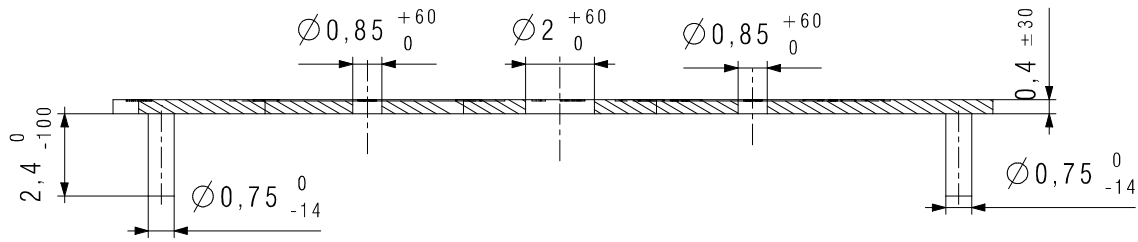
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Lo
ng

UTILISATION DE COURONNES VISSEES / USE SCREWED CROWN



CADRAN / DIAL

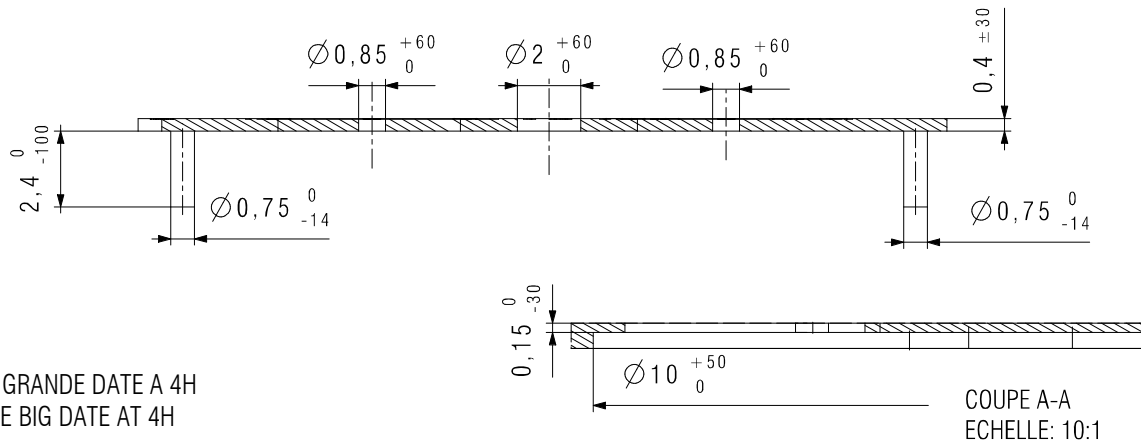


DIMENSIONS IN mm. - TOLERANCES IN μm .

In conformity with RoHS standard

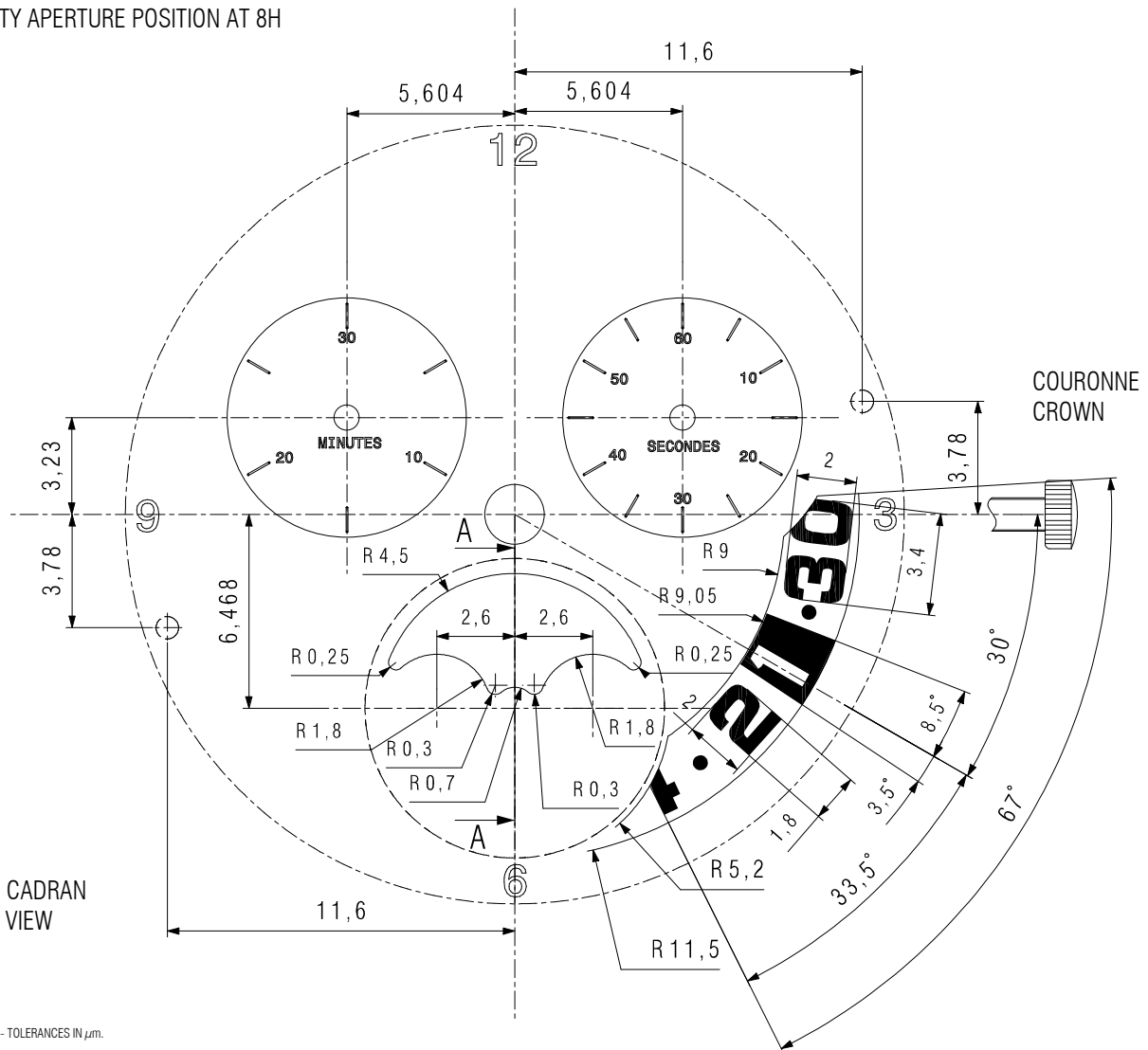
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CADRAN / DIAL



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

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



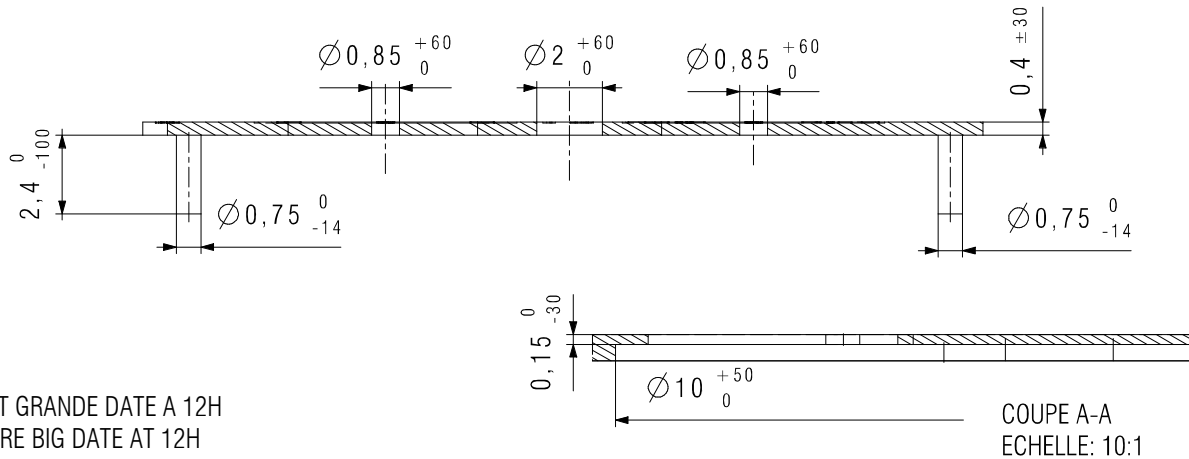
VUE COTE CADRAN
DIAL SIDE VIEW

DIMENSIONS IN mm. - TOLERANCES IN μm .

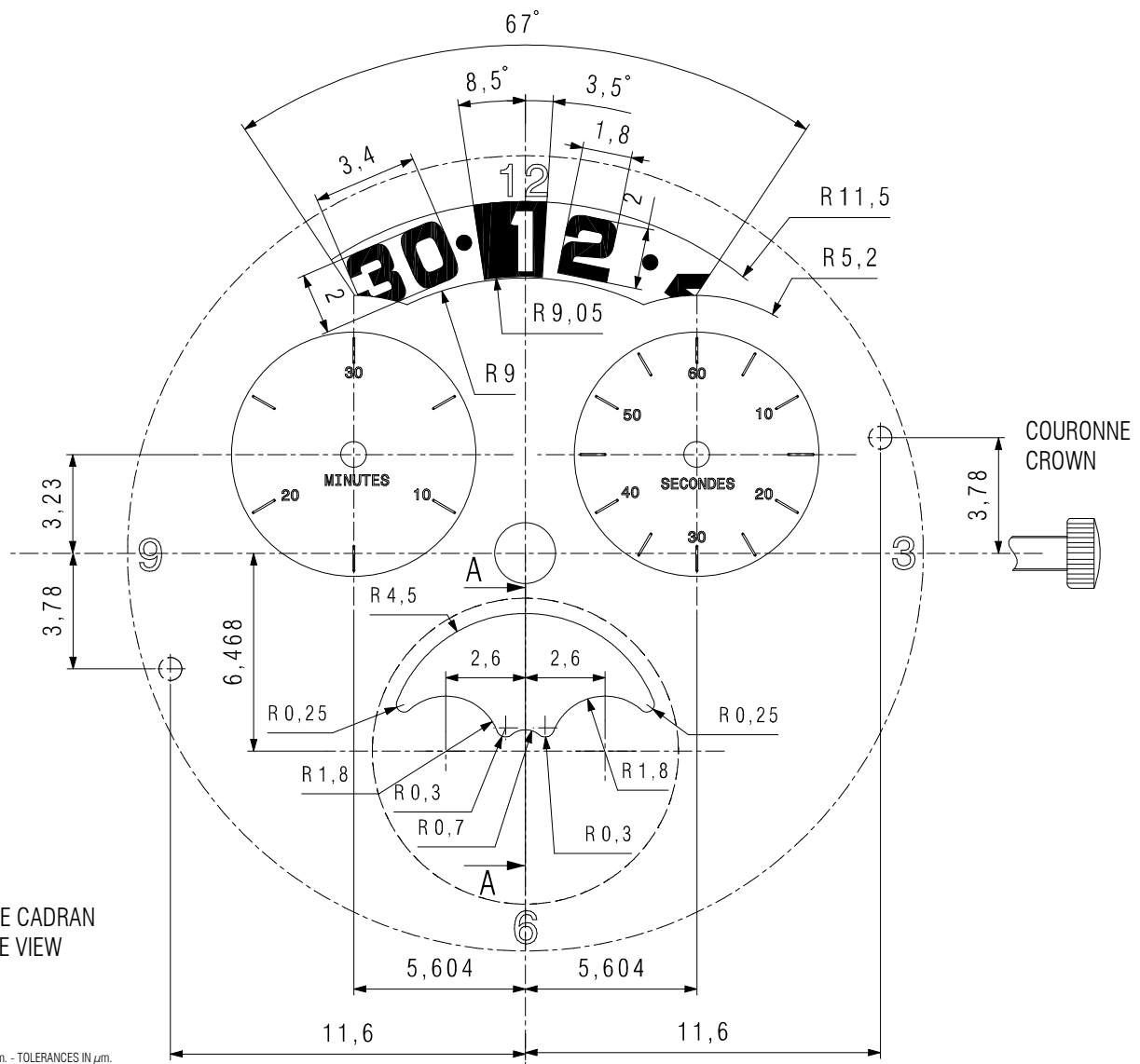
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CADRAN / DIAL



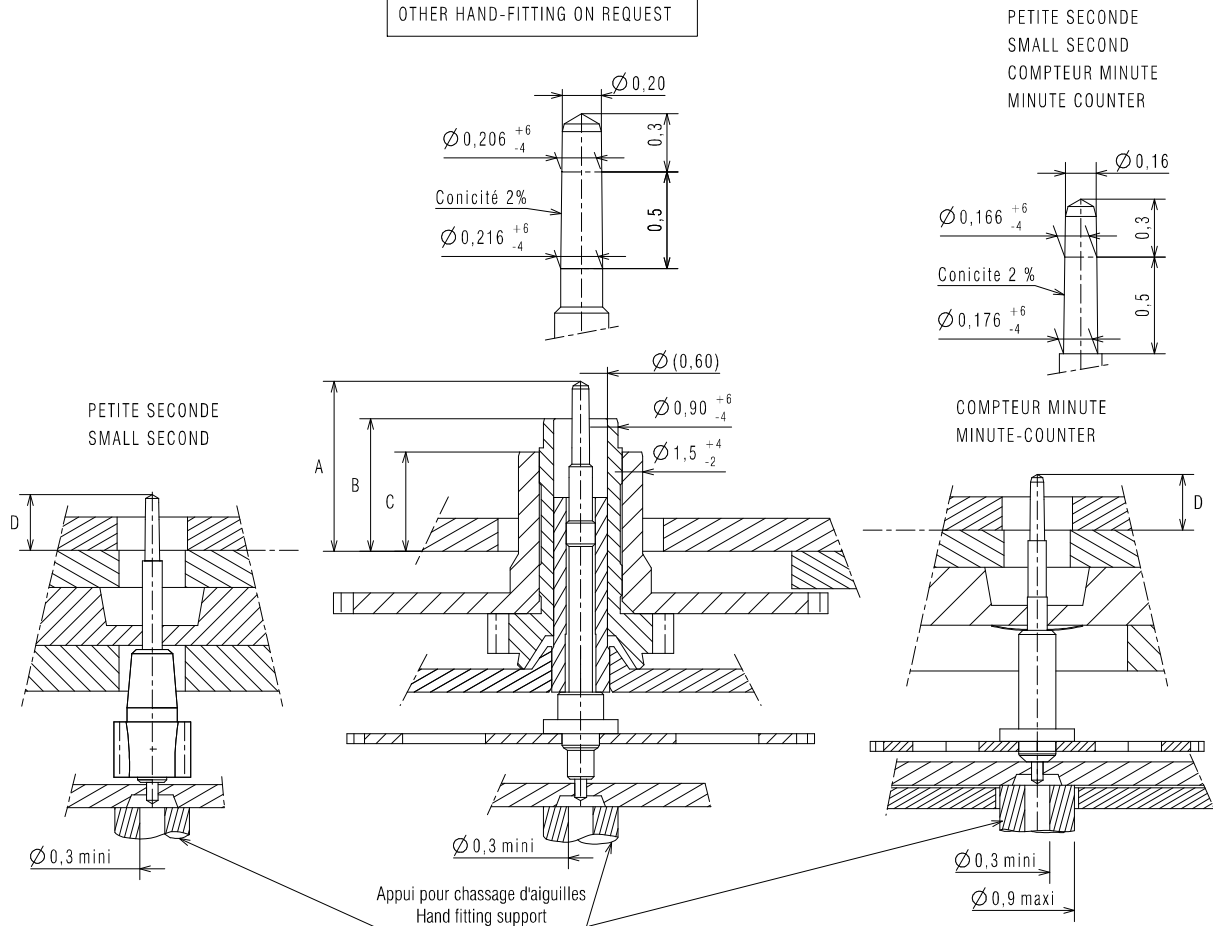
GUICHET GRANDE DATE A 12H
APERTURE BIG DATE AT 12H



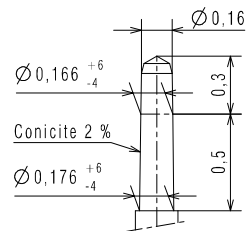
DIMENSIONS IN mm. - TOLERANCES IN μ m.

AIGUILLAGE / HAND-FITTING

AUTRES AIGUILLAGES SUR DEMANDE
OTHER HAND-FITTING ON REQUEST



PETITE SECONDE
SMALL SECOND
COMPTEUR MINUTE
MINUTE COUNTER



COMPTEUR MINUTE
MINUTE-COUNTER

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 heu- res / Hour wheel	Pignon petit(s) compteur(s) / Small counter(s) wheel pinion	
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.

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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