

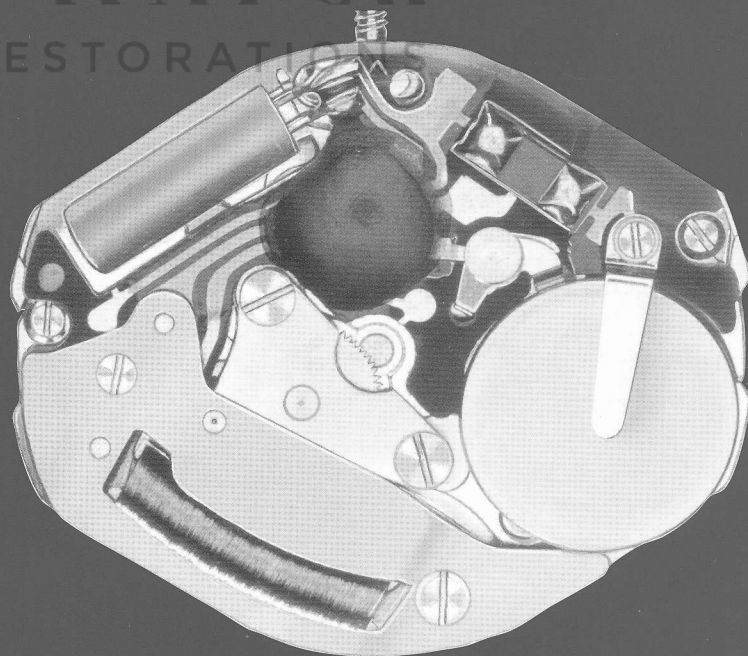
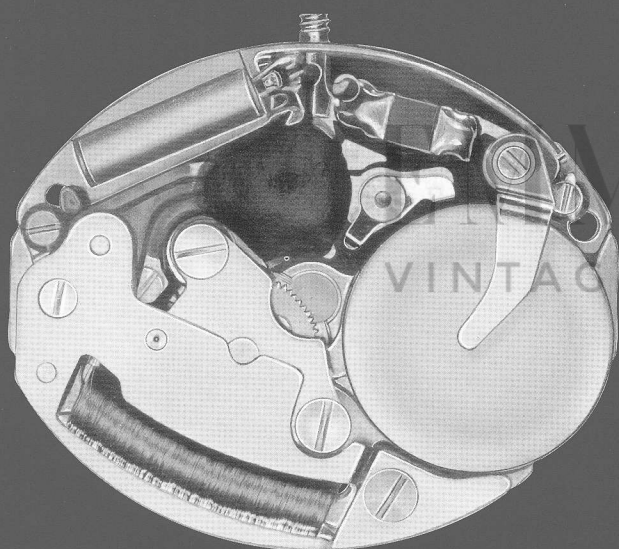


Isa 258,268 Movement Parts (1)

Compiled by EmmyWatch - <https://www.emmywatch.com>



ISAQUARTZ



ISA

258 5¹/₂

268 6³/₄ - 8

H. 2.50



FABRIQUE D'ÉBAUCHES DE SONCEBOZ S.A.

Division électronique Isaquartz

2068 Hauterive/Neuchâtel (Suisse)

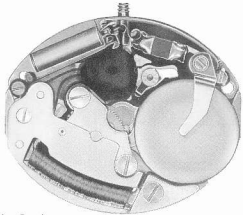
258

5 1/2

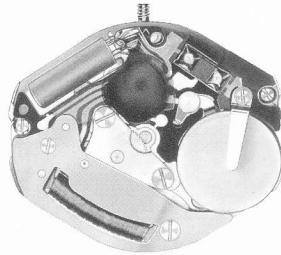
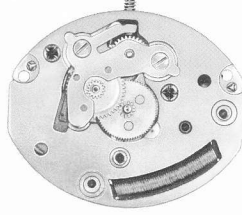
268

6 3/4 - 8

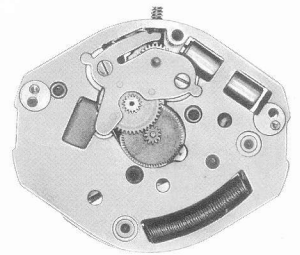
Mouvement électronique, quartz 32'768 Hz. Deux aiguilles. Moteur rotatif pas à pas, 3 pas par minute. Tige 2 positions.
Electronic movement, quartz 32'768 Hz. Two hands. Rotary stepping motor, 3 impulses minute. Stem 2 positions.



258



268



Echelle 2:1

Alimentation :

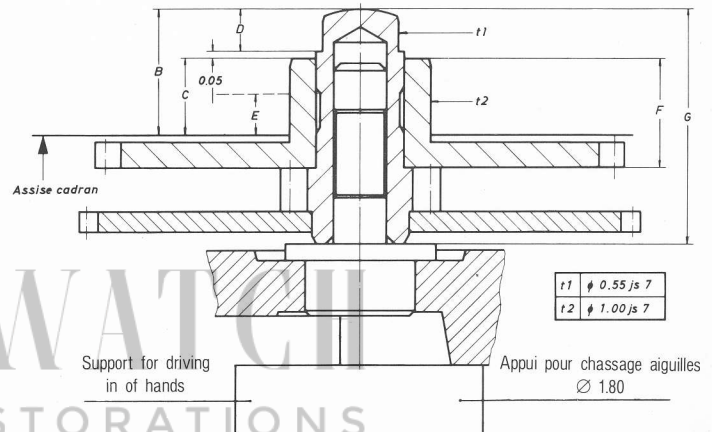
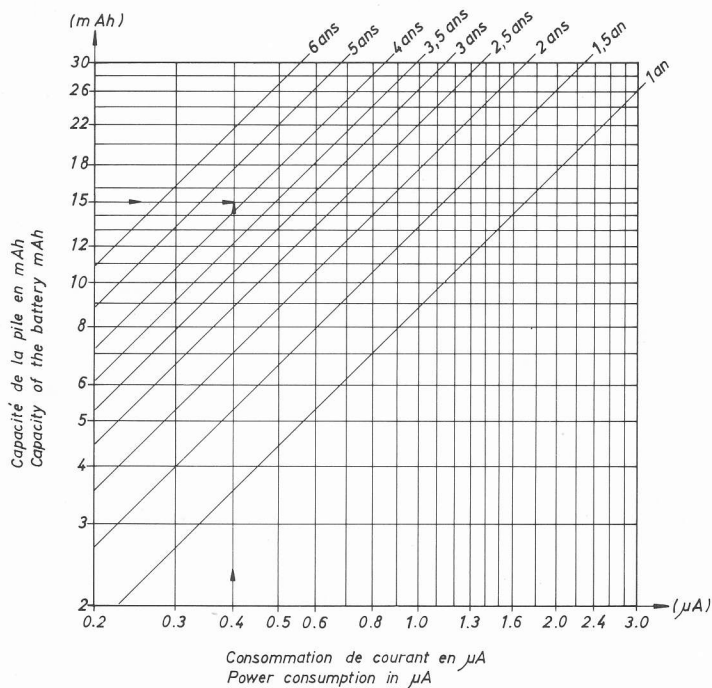
Current supply :	Cal.	pile / battery	capacité / capacity
	258/10/20	Ø 6.80 × 1.60	11 m Ah
	268/10/20	Ø 6.80 × 2.10	15 m Ah

Performances

Critères Criteria	Conditions Conditions	Min.	Typ.	Max.	Unités Unities
Consommation Power consumption	$U = 1.55 \text{ V } T = 25^\circ \text{ C}$		0.40	0.70	μA
Marche instantanée Instantaneous rate	$U = 1.55 \text{ V } T = 25^\circ \text{ C}$	-0.65 -20		+0.65 +20	s/d s/mois
Température de fonctionnement Operating temperature		0		50	$^\circ\text{C}$
Résistance aux chocs Shock-resistance	NIHS 91-10				
Résistance aux champs magnétiques Resistance to magnetic influence	Norme magnétique CTM		1500 18.8		A/m Oe
Autonomie avec pile de : Autonomy with battery of :	11 mAh 15 mAh		3 4		ans years

Durée de vie d'une pile en fonction de sa capacité
et d'une décharge constante

Function duration of a battery in relation with his capacity
and a constant discharge



	Hauteur Aiguillage / Height Handfitting					
N°	B	C	D	E	F	G
1 * réduit	0.90	0.55	0.30	0.30	0.79	1.68
2 normal	1.15	0.80	0.30	0.40	1.04	1.93

* Pour aiguillage N° 1, cadran épaisseur 0.30
For handfitting N° 1, thickness dial 0.30

	Dimensions des aiguilles / Hands dimensions					
Hauteur aiguillage Height handfitting						
N°	d 1	h 1	e 1	d 2	h 2	e 2
1 * réduit	1.00	0.50	0.12	0.55	0.30	0.16
2 normal	1.00	0.60	0.16	0.55	0.30	0.16

Aiguille de minute :

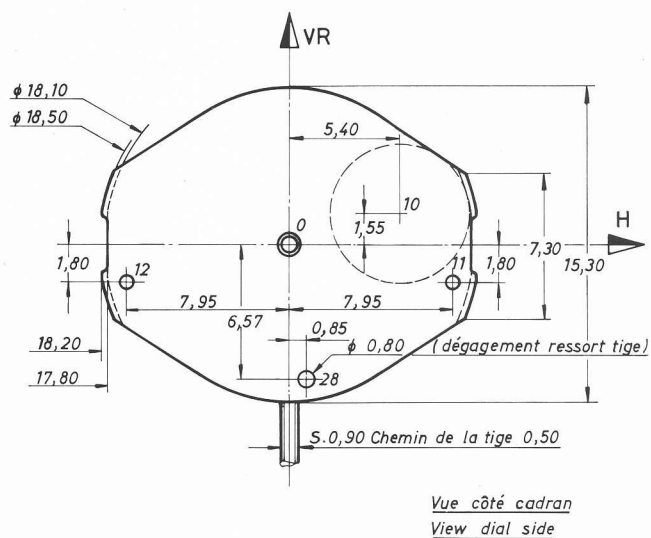
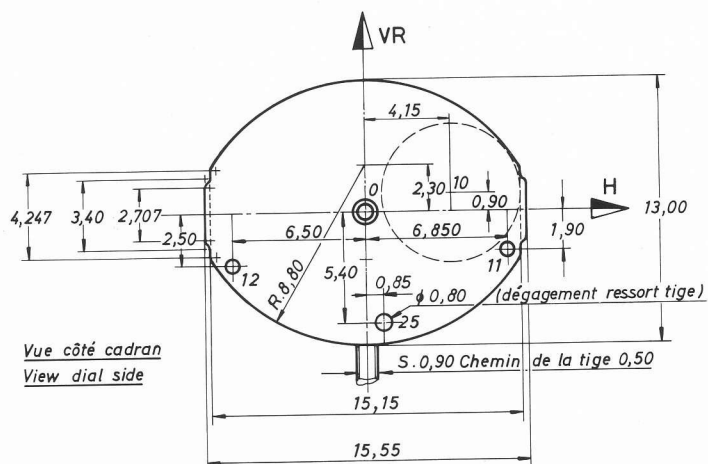
Minute hand :

Balourd maxi conseillé : 0.3 μNm (3 mg cm)

Maxi umbalance conseled :

Masse maxi conseillée : 10 mg

Maxi mass consoled :

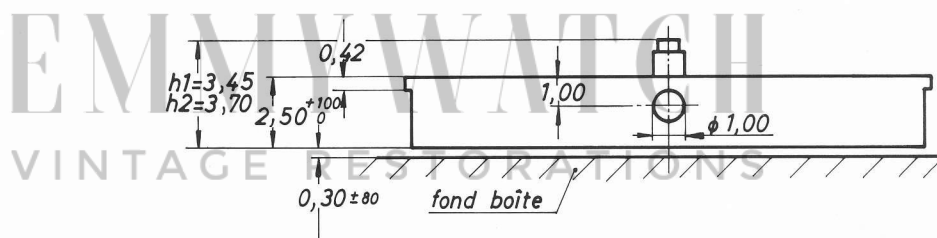


Position des pieds de cadran
identique au cal. ISA 369

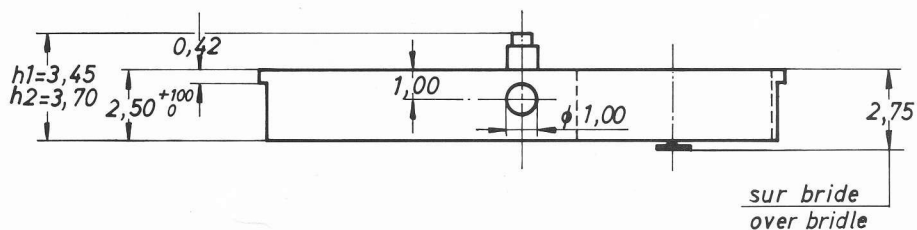
Position of dial foots
identical to cal. ISA 369

Valeurs communes
Commun values

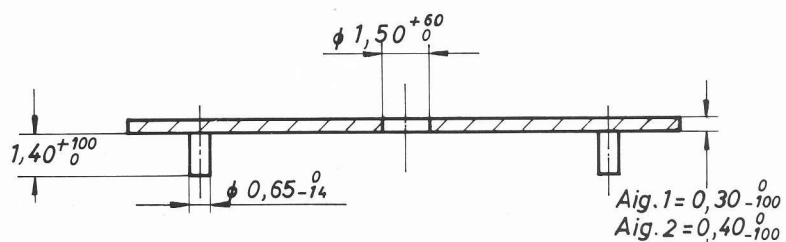
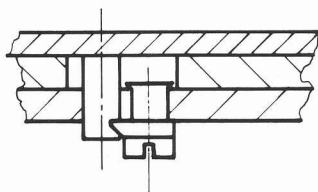
258/10 & 268/10

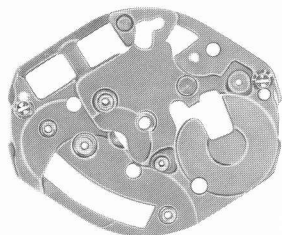


258/20 & 268/20



Fixation de cadran
Fixation of dial

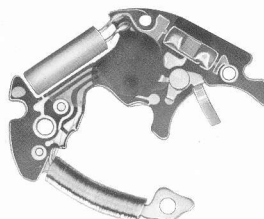




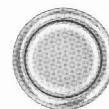
10.020.07



10.048



10.513.06



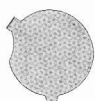
20.570



20.582



20.584.1



20.651



20.761.1



61.050



20.584.2

No LISTE DES FOURNITURES

10.020.07	Platine empierrée
10.048	Pont de rouage
10.513.06	Module électronique, monté avec bobine, bride d'alimentation
20.570	Pile
20.582	Stator
20.584.1	Ecran magnétique
20.651	Isolateur de pile
20.761.1	Bride de pile positive latérale
61.050	Ressort de tige monté

268/20 20.584.2 Ecran magnétique

LIST OF MATERIALS

Main plate, jewelled
Train wheel bridge
Electronic module, assembled with coil, power connection
Battery
Stator
Magnetic screen
Battery insulator
Lateral positive bridge battery
Handsetting stem spring, mounted

Magnetic screen

BESTANDTEILE

Werkplatte, mit Stein
Räderwerkbrücke
Elektronik-Baugruppe, montiert mit Spule, Stromversorgungsbrücke
Batterie
Stator
Magnetschirm
Isolation für Batterie
Batteriebügel positiv lateral
Feder für Welle, montiert

Magnetschirm

PIÈCES COMMUNES

COMMUN PIECES

GEMEINSAME STÜCKE

258/10 – 268/10



20.580



30.012



31.041

31.046.1
31.046.231.083.1
31.083.2

51.020.21



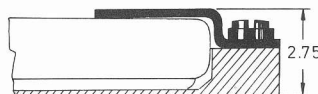
81.337



88.504.1



88.548.1



258/20 & 268/20



20.761.2



88.504.2

20.580	Rotor
30.012	Roue intermédiaire
31.041	Roue de minuterie
31.046.1	Roue des heures réduite h1 = 0.79
31.046.2	Roue des heures... h2 = 1.04
31.083.1	Chaussée complète réduite h1 = 1.68
31.083.2	Chaussée complète... h2 = 1.93
51.020.21	Tige de mise à l'heure S 0.90
81.337	Tenon de centre
88.504.1	Vis multiple h = 1.65
88.548.1	Vis de ressort de tige h = 0.95

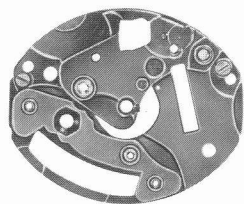
258/20 & 268/20
20.761.2
88.504.2Bride de pile positive couvrante
Vis de bride de pile couvrante

Rotor
Intermediate wheel
Minute wheel
Hour wheel reduced h1 = 0.79
Hour wheel... h2 = 1.04
Cannon pinion reduced h1 = 1.68
Cannon pinion... h2 = 1.93
Handsetting stem S 0.90
Cannon pinion stud
Manifold screw h = 1.65
Handsetting stem spring screw h = 0.95

Battery clamp (above)
Battery clamp screw

Rotor
Zwischenrad
Wechselrad
Stundenrad reduziert h1 = 0.79
Stundenrad... h2 = 1.04
Minutenrohr reduziert h1 = 1.68
Minutenrohr h2 = 1.93
Stellwelle S 0.90
Lagerstift für Minutenrohr
Mehrwerckschraube h = 1.65
Feder für Welle Schraube h = 0.95

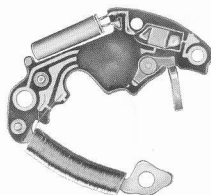
Batteriehaltfeder
Batteriehaltfeder-Schraube



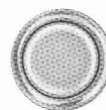
10.020.07



10.048



10.513.06



20.570



20.584.1



20.651



20.653



20.761.1



61.050



88.504.3



88.548.2



20.584.2

No

LISTE DES FOURNITURES

LIST OF MATERIALS

BESTANDTEILE

10.020.07
10.048
10.513.06

Platine empierrée
Pont de rouage, 0 ou 1 pierre
Module électronique, monté avec bobine,
bride d'alimentation

Main plate, jewelled
Train wheel bridge, 0 or 1 jewel
Electronic module, assembled with coil,
power connection

Werkplatte, mit Stein
Räderwerkbrücke, 0 oder 1 Stein
Elektronik-Baugruppe, montiert mit Spule,
Stromversorgungsbügel

20.570
20.584.1
20.651
20.653
20.761.1
61.050
88.504.3
88.548.2

Pile
Ecran magnétique
Isolateur de pile
Isolateur de bride d'alimentation
Bride de pile positive laterale
Ressort de tige monté
Vis de pont h = 1.35
Vis de ressort de tige h = 1.50

Batterie
Magnetic screen
Battery insulator
Power connection insulator
Lateral positive bridge battery
Handsetting stem spring (setting wheel mounted)
Bridge screw h = 1.35
Handsetting stem spring screw h = 1.50

Batterie
Magnetschirm
Isolation für Batterie
Isolation für Stromversorgungsbügel
Batteriebügel positiv, laterale
Feder für Welle, montiert
Brückenschraube h = 1.35
Feder für Welle Schraube h = 1.50

258/20 20.584.2

Ecran magnétique

Magnetic screen

Magnetschirm

EMM WATCH
VINTAGE RESTORATIONS

88.548.1



88.548.2



Plan de vissage cal. 258
Plan of screwing cal. 258
Plan de huilage valable
pour calibres 258 & 268
Plan of lubrication valid
for caliber 258 & 268

88.504.1

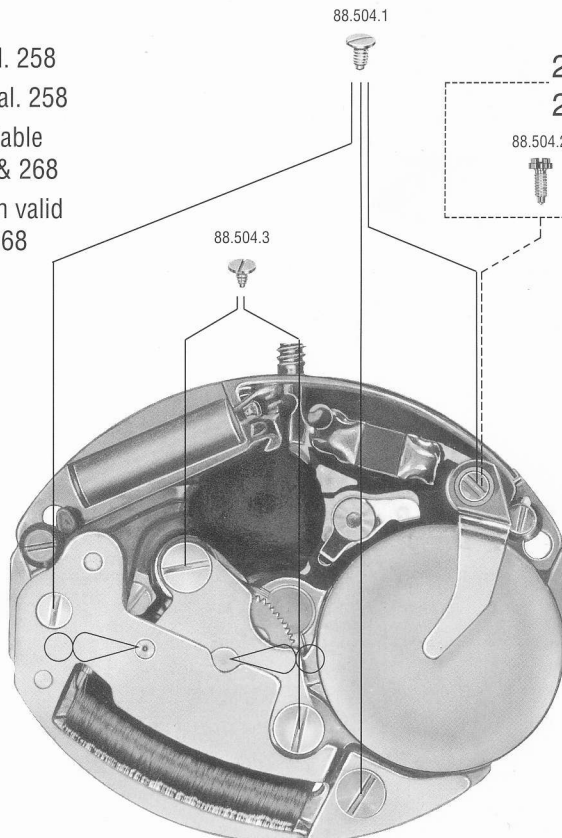
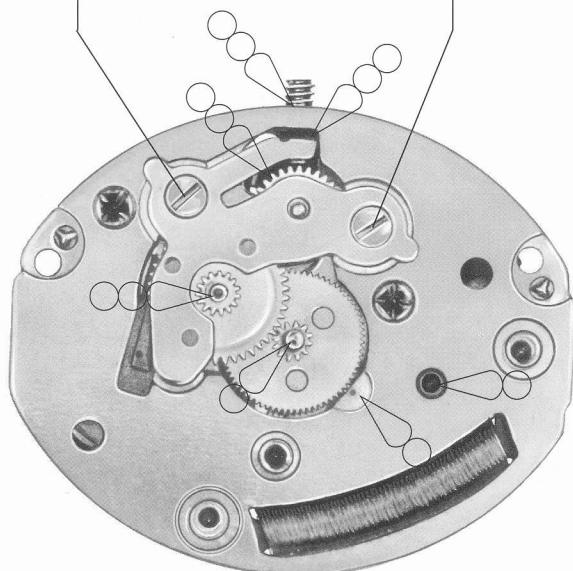


258/20
268/20

88.504.2



88.504.3



Huile fine (Mæbius 9030)

Fine Oil



Huile épaisse (Mæbius 8141)

Thick Oil