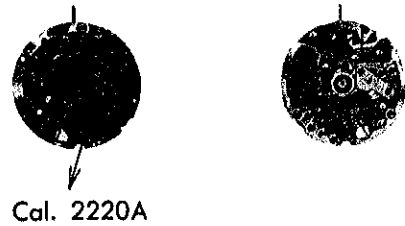


Calibre No.	2220A	Jewels	24j	Style Name
⇒ Basic Calibre 2202A 21J Catalog No. 22-02-1				



Characteristics

Casing diameter : 17.20 φ mm
 Maximum height : 3.30 mm
 Vibrations per hour : 28,800
 Non-automatic
 Micro-adjustor
 "Diashock" Shock Resistant Device
 "Diafix" Oil Lubrication Device

Catalog No. 22-20-1

Calibre No.	2220A	Jewels	24j	Style Name
⇒ Basic Calibre 2202A 21J Catalog No. 22-02-1				

PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS
112035	Barrel & train-wheel bridge	768220	Setting lever axle ring
161222	Pallet cock	014413	Diashock upper frame
171222	Balance cock	014415	Diashock upper hole jewel with frame
201222	Complete barrel with arbor & mainspring	011212	Diashock upper cap jewel
☆ 224223	Center wheel & pinion with cannon pinion	014417	Diashock upper spring
☆ 224224		014604	Diashock lower frame
☆ 225223		014605	Diashock lower hole jewel with frame
☆ 225224	Cannon pinion	011221	Diashock lower cap jewel
231222	Third wheel & pinion	014317	Diashock lower spring
241221	Fourth wheel & pinion	015511	Diafix upper hole jewel with frame for 3rd wheel
251222	Escape wheel & pinion	015181	Diafix upper hole jewel with frame for 4th wheel
261221	Minute wheel	015591	Diafix upper hole jewel with frame for escape wheel
☆ 271222	Hour wheel	011221	Diafix cap jewel
☆ 271223		015513	Diafix spring
281221	Setting wheel	012121	Stud screw
282223	Clutch wheel	012204	Pallet cock screw
283221	Winding pinion	012207	Barrel & train-wheel bridge screw
284220	Crown wheel	012263	Balance cock screw
285220	Ratchet wheel	012290	Dial screw
301110	Jewelled pallet fork & staff	012407	Case screw
310222	Balance complete with stud	012512	Crown wheel screw
315221	Balance staff	012668	Click screw
331110	Roller with jewel	012670	Setting lever spring screw
341221	Regulator	012736	Minute wheel bridge screw
344250	Regulator adjusting device	012754	Lower end-piece screw for 3rd wheel
345221	Stud holder	011159	Upper hole jewel for barrel
☆ 351221	Winding stem	011153	Lower hole jewel for barrel
☆ 351222		011535	Upper hole jewel for center wheel
372220	Joint stem (movement portion)	011535	Lower hole jewel for center wheel
373250	Joint stem (case portion)	011612	Lower hole jewel for 3rd wheel
381220	Click	011541	Lower hole jewel for 4th wheel
382110	Click spring	011649	Lower hole jewel for escape wheel
☆ 383226	Setting lever	011505	Upper hole jewel for pallet
☆ 383227		011505	Lower hole jewel for pallet
☆ 383228		013014	Tube for barrel & train-wheel bridge screw (long)
384220	Yoke (Clutch lever)	013017	Yoke spring pin
385220	Yoke spring (Clutch lever spring)		(Tube for setting lever spring screw)
387222	Minute wheel bridge	013017	Tube for setting lever spring screw
388222	Setting lever spring	013113	Tube for barrel & train-wheel bridge screw (short)
390221	Setting lever axle		
395220	Micro-adjustor		
436220	Lower end-piece for 3rd wheel		
481221	Crown wheel ring		
491180	Dial washer		

Remarks : —continued—

Setting lever

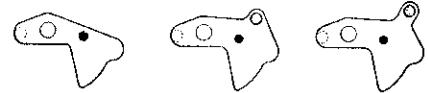
There are three types of setting levers. They are used according to the structure of cases and types of winding stems. Select a suitable one by the following procedures referring to the shapes indicated in the photos and Fig. 1.

In case of a one-piece water-resistant case, if an incorrect setting lever for dial diameter is used the winding stem can not be pulled out or the movement cannot be set in the case. Attention must be paid to this point (Refer to Fig. 2. Example of suitable setting lever).

- ☆ 383226..... Used for watch with joint stem, or with ordinary winding stem other than one-piece or square type water-resistant case.
- ☆ 383227..... Used for one-piece water-resistant case with ordinary winding stem and dial of diameter 17.50~18.00 φ mm.
- ☆ 383228..... Used for one-piece water-resistant case with ordinary winding stem and dial of diameter 18.50~19.00 φ mm.

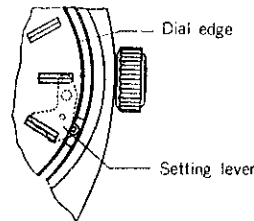
When parts number of the setting lever is unknown or when ordering setting levers other than the above, specify ① Cal. No., ② number of jewels ③ dial No. and ④ case No.

(Fig. 1)



☆ 383226 ☆ 383227 ☆ 383228

(Fig. 2)



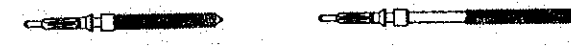
(Example of suitable setting lever)
 Tail of the setting lever is located between the dial and the case.

Remarks : Center wheel & pinion with cannon pinion — Measure the total length of cannon pinion —
 ☆ 224223.....Using the cannon pinion of 1.64 mm total length (Part No. 225223)
 ☆ 224224.....Using the cannon pinion of 2.01 mm total length (Part No. 225224)

Cannon pinion — Measure the total length —
 ☆ 225223.....1.64 mm total length
 ☆ 225224.....2.01 mm total length

Hour wheel — Measure the total length —
 ☆ 271222.....1.37 mm total length
 ☆ 271223.....1.06 mm total length

Winding stem — Refer to the photograph on the page of the basic calibre (Catalog No. 22-02-1) and shapes in the lower diagram.
 ☆ 351221.....Short winding stem (Thread is provided completely on the crown portion.)
 ☆ 351222.....Long winding stem (Thread is provided only on the end of the crown portion.)



☆ 351221 ☆ 351222

—continued on front page—

☆⇒ Please see remarks.

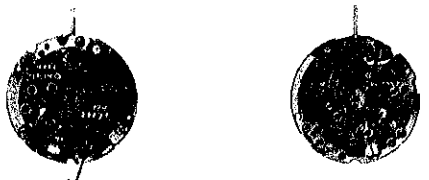



























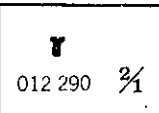



























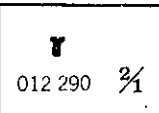



























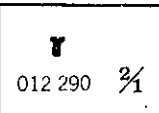
As for all other parts not shown here, please refer to the basic calibre

(Cal. No. 2202A 21J Catalog No. 22-02-1 Red page).

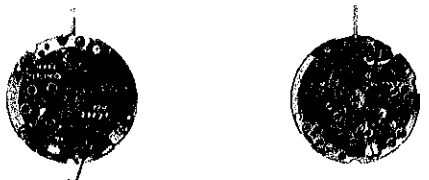


☆⇒ Please see remarks

Items in light letters are not shown in photos; those parts are interchangeable with the basic calibre

(Cal. No. 2202A 21J Catalog No. 22-02-1 Red page).

Calibre No. 2220A <small>Basic Calibre 2202A 21J Catalog No. 22-02-1</small>	Jewels 17j	Style Name																																																								
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Remarks : — continued — Setting lever [Fig. 1] There are three types of setting levers. They are used according to the structure of cases and types of winding stems. Select a suitable one by the following procedures referring to the shapes indicated in the photos and Fig. 1. In case of a one-piece water-resistant case, if an incorrect setting lever for dial diameter is used the winding stem can not be pulled out or the movement cannot be set in the case. Attention must be paid to this point (Refer to Fig. 2, Example of suitable setting lever). ☆383 226.....Used for watch with joint stem, or with ordinary winding stem other than one-piece or square type water-resistant case. ☆383 227.....Used for one-piece water-resistant case with ordinary winding stem and dial of diameter 17.50~18.00 φmm. ☆383 228.....Used for one-piece water-resistant case with ordinary winding stem and dial of diameter 18.50~19.00 φmm. When parts number of the setting lever is unknown or when ordering setting levers other than the above, specify ① Cal. No., ② number of jewels ③ dial No. and ④ case No.																																																										

Catalog No. 22-20-2

Calibre No. 2220A <small>Basic Calibre 2202A 21J Catalog No. 22-02-1</small>	Jewels 17j	Style Name																																																																																																																																																																		
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Short winding stem (Thread is provided completely on the crown portion.) ☆351 222..... Long winding stem (Thread is provided only on the end of the crown portion.)	
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373 250	Joint stem (case portion)	011 505	Upper hole jewel for pallet																																																																																																																																																																	
381 220	Click	011 505	Lower hole jewel for pallet																																																																																																																																																																	
382 110	Click spring	013 014	Tube for barrel & train-wheel bridge screw (long)																																																																																																																																																																	
☆383 226	Setting lever	013 017	Yoke spring pin (Tube for setting lever spring screw)																																																																																																																																																																	
☆383 227		013 017	Yoke spring pin (Tube for setting lever spring screw)																																																																																																																																																																	
☆383 228		013 113	Tube for barrel & train-wheel bridge screw (short)																																																																																																																																																																	
384 220	Yoke (Clutch lever)																																																																																																																																																																			
385 220	Yoke spring (Clutch lever spring)																																																																																																																																																																			
387 222	Minute wheel bridge																																																																																																																																																																			
388 222	Setting lever spring																																																																																																																																																																			
390 221	Setting lever axle																																																																																																																																																																			
395 220	Micro-adjustor																																																																																																																																																																			
 		☆351 221 ☆351 222 — continued on front page —																																																																																																																																																																		

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☆⇨ Please see remarks.
 As for all other parts not shown here, please refer to the basic calibre
 (Cal. No. 2202A 21J Catalog No. 22-02-1 Red page).

☆⇨ Please see remarks.
 Items in light letters are not shown in photos; those parts are interchangeable with the basic calibre
 (Cal. No. 2202A 21J Catalog No. 22-02-1 Red page).