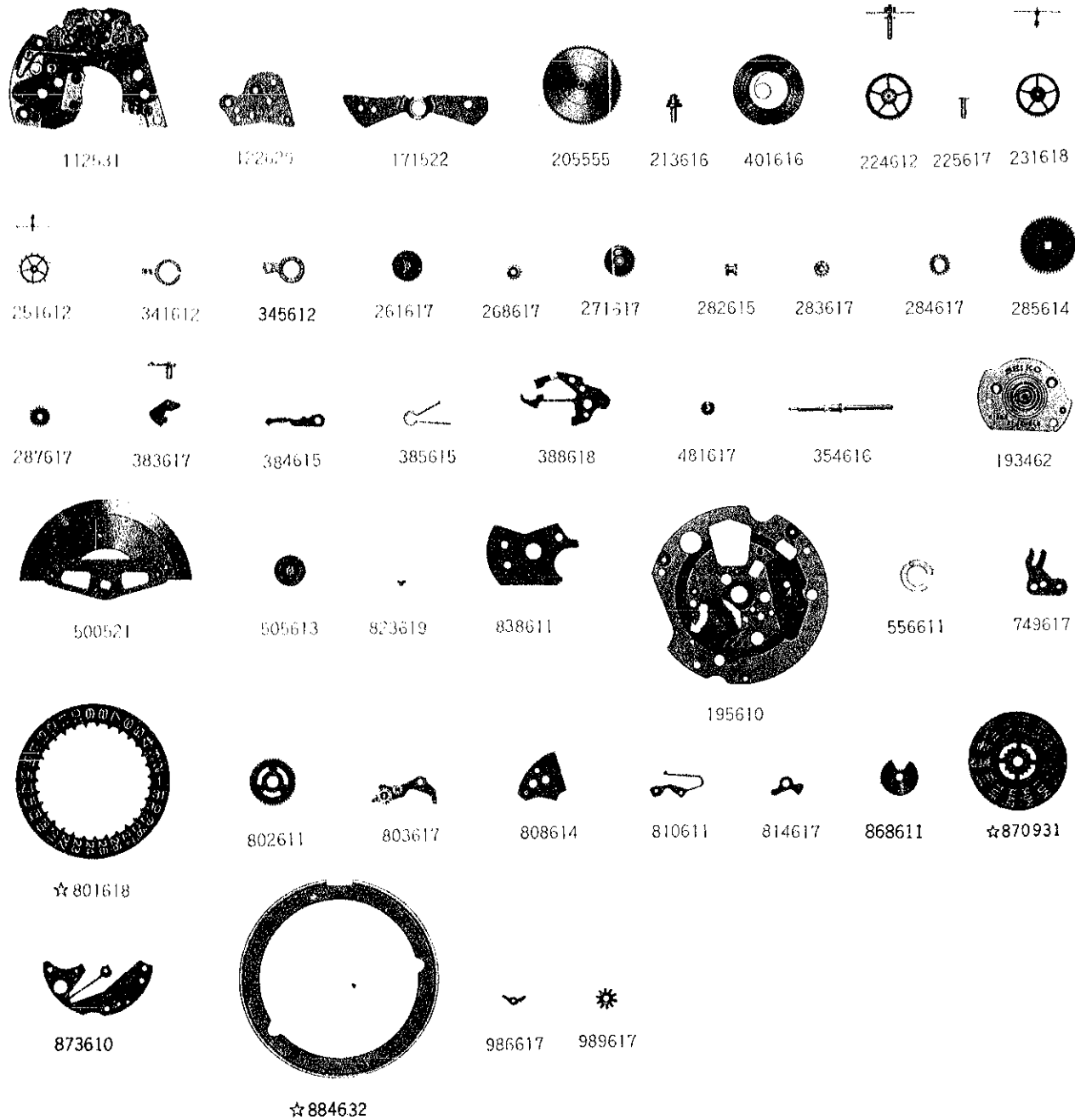




Cal. 6138B

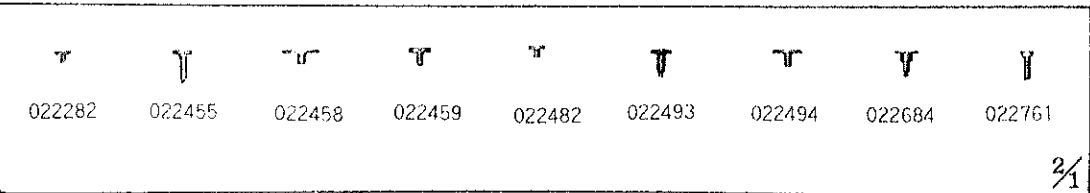
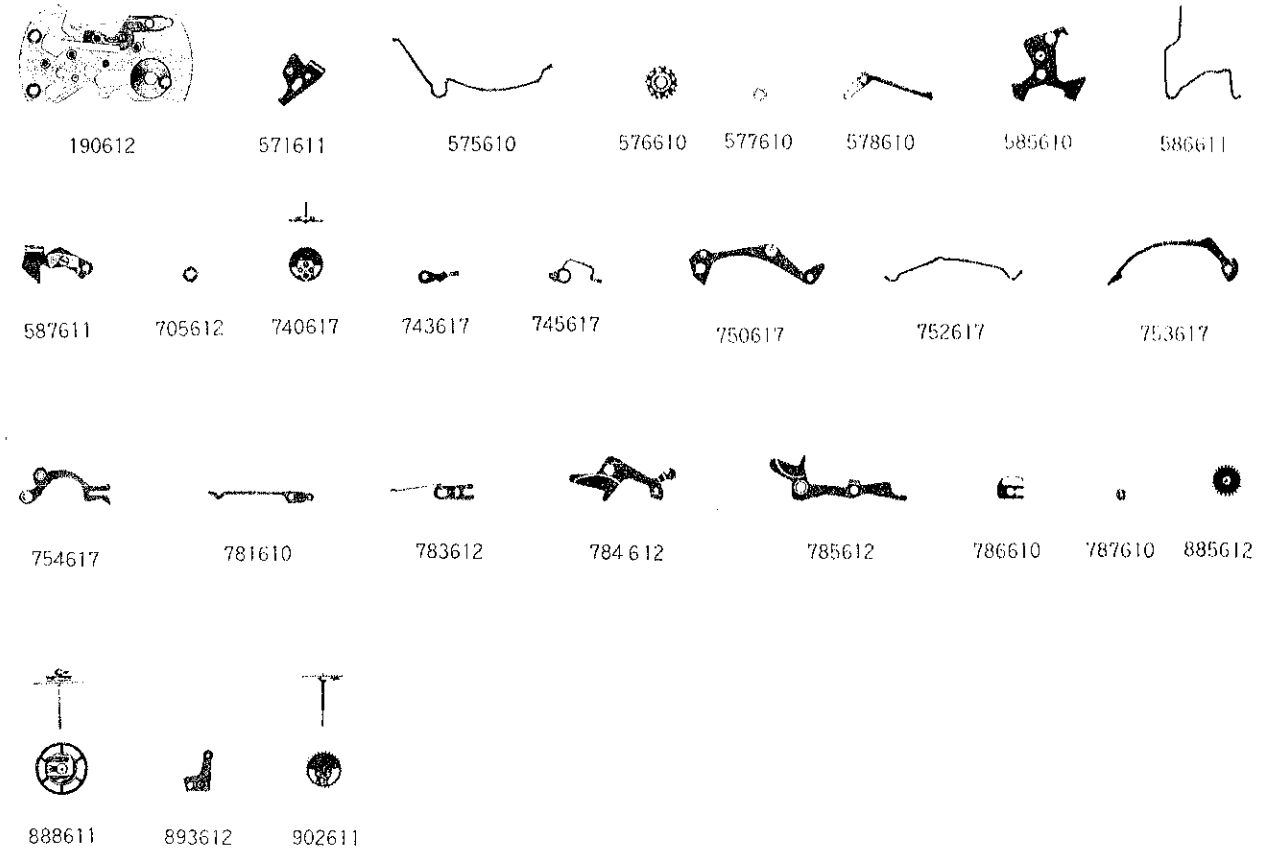
Characteristics

Casing diameter: 27.00  $\phi$  mm  
 Maximum height: 8.00 mm  
 Vibrations per hour: 21,600  
 Automatic and auxiliary hand winding with sweep second  
 Chronograph (12 hours recorder & 30 minutes recorder)  
 Calendar (day & date)  
 Instant setting device for day & date calendar  
 Bilingual change-over system for day of week  
 "Dashock" Shock Resistant Device



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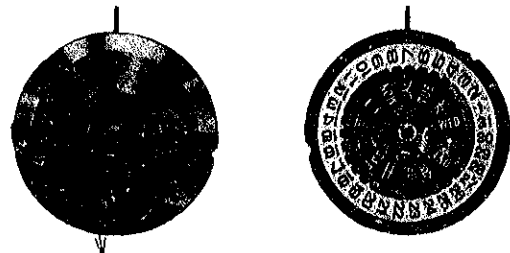
☆ Please see remarks on the next reverse page.  
 As for all other parts not shown here, please refer to the basic calibre  
 (Cal. No. 6106A 25J Catalog No. 61-06-1 Green page).

Calibre No.		Jewels	Style Name	
<b>6138B</b>		<b>21j</b>	<b>(Automatic Chronograph)</b>	
Basic Calibre 6106A 25J Catalog No. 61-06-1				
PAPT NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS	
112531	Barrel & train-wheel bridge (with crown wheel, second intermediate ratchet wheel, operating lever, pillar wheel jumper and fly-back lever)	963610	Snap for day star with dial disk	
122629	Center wheel bridge	986617	Day-date corrector wheel rocking lever	
161805	Pallet cock	989617	Intermediate wheel for day correction	
171522	Balance cock	571611	Operating lever	
190612	Chronograph bridge (with hammer click)	575610	Operating lever spring	
193462	Framework for automatic device with ball-bearing	576610	Pillar wheel	
195610	Calendar plate	577610	Pillar wheel ring	
205555	Complete barrel with arbor (with intermediate hour recording wheel, intermediate hour recording wheel ring, and friction spring for intermediate hour recording wheel)	578610	Pillar wheel jumper	
	Barrel arbor	585610	Hammer	
213616	Center wheel & pinion with cannon pinion	536611	Hammer spring	
224612	Cannon pinion	587611	Fly-back lever	
225617	Third wheel & pinion	705612	Minute recording jumper washer	
231618	Escape wheel & pinion	740617	Hour recording wheel	
251612	Minute wheel	743617	Hour recording wheel stop lever	
261617	Second intermediate ratchet wheel	745617	Spring for hour recording wheel stop lever	
268617	Hour wheel	750617	Hour hammer	
271617	Clutch wheel	752617	Hour hammer spring	
282615	Winding pinion	753617	Hour fly-back lever	
283617	Crown wheel	754617	Intermediate hour recording wheel stop lever	
284617	Ratchet wheel	781610	Hammer click	
285614	Intermediate ratchet wheel	783612	Minute recording jumper	
301611	Jewelled pallet fork & staff	784612	First coupling lever	
310611	Balance complete with stud	785612	Second coupling lever	
315611	Balance staff	786610	Chronograph finger	
331610	Roller with jewel	787610	Rest of chronograph finger	
341612	Regulator	885612	Intermediate minute recording wheel	
345612	Stud holder	888611	Center chronograph wheel	
354616	Winding stem	893612	Intermediate minute recording wheel holder	
381611	Click	902611	Minute recording wheel	
383617	Setting lever with axle	022150	Stud screw	
384615	Yoke (Clutch lever)	022252	Holder screw for intermediate minute recording wheel	
385615	Yoke spring (Clutch lever spring)	022282	Screw for minute recording jumper	
388618	Mainspring with slipping attachment	022351	Center wheel bridge screw	
401616	Crown wheel ring	022455	Calendar plate screw	
014363	Shock upper frame	022458	Screw for oscillating weight	
014364	Shock lower frame	022459	Framework screw for automatic device with ball-bearing	
014365	Shock hole jewel with frame	022467	Ratchet wheel screw	
011210	Shock cap jewel	022468	Pallet cock screw	
014317	Shock spring	022471	Click screw	
500521	Oscillating weight	022482	Screw for intermediate wheel of day correction	
505613	Transmission wheel	022493	Bridge screw	
823619	Eccentric post	022493	Chronograph bridge screw	
831611	Pawl lever with jewel	022494	Pillar wheel screw	
838611	Pawl lever seat	022494	First coupling lever screw	
556611	Date finger	022662	Setting lever spring screw	
749617	Setting wheel lever guard	022662	Setting wheel lever guard screw	
801618	Date dial	022677	Date driving wheel screw	
802611	Date driving wheel	022684	Holding screw for coupling levers	
803617	Setting wheel lever complete	022760	Date dial guard screw	
808614	Date dial guard	022760	Setting wheel lever plate screw	
810611	Date jumper	022760	Day jumper screw	
814617	Setting wheel lever plate	022761	Dial screw	
817610	Intermediate date wheel			
868611	Day finger			
870931	Day star with dial disk (English ↔ Spanish)			
873610	Day jumper			
884632	Holding ring for dial			
			-continued on reverse page-	

Please see remarks on the reverse page.

Items in light letters are not shown in photos; those parts are interchangeable with the basic calibre (Cal. No. 6106A 25J Catalog No. 61-06-1 Green page).

Calibre No.		Jewels	Style Name	
<b>6138B</b>		<b>21j</b>	<b>(Automatic Chronograph)</b>	
Basic Calibre 6106A 25J Catalog No. 61-06-1				
PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS	
	—continued—			
011145	Lower hole jewel for barrel	023148	Tube for holder screw of intermediate minute recording wheel	
011167	Upper hole jewel for center wheel	023150	Tube for pallet cock screw	
011145	Lower hole jewel for center wheel	023150	Tube for balance cock screw	
011306	Upper hole jewel for 3rd wheel	023181	Tube for screw of intermediate wheel of day correction	
011405	Lower hole jewel for 3rd wheel	023189	Tube for framework screw of automatic device	
011406	Upper hole jewel for escape wheel	023443	Fly-back lever pin	
011406	Lower hole jewel for escape wheel	023444	Hammer click pin	
011503	Upper hole jewel for pallet	023865	Second intermediate ratchet wheel pin	
011503	Lower hole jewel for pallet	023868	Operating lever pin	
011147	Upper hole jewel for transmission wheel	023990	Pillar wheel jumper pin	
011147	Lower hole jewel for transmission wheel			
011424	Upper hole jewel for center chronograph wheel			
011544	Lower hole jewel for minute recording wheel			
023100	Tube for bridge screw (short)			
023101	Tube for bridge screw (long)			
023108	Tube for 1st coupling lever screw			
023110	Tube for chronograph bridge screw			
<b>Remarks :</b>				
<b>Date dial</b>				
★ 801618 (White figures on black background) ..... Used when both the crown and the date frame are located at 3 o'clock.				
If the date dial is required in any other type, specify ① Cal. No. ② the crown position ③ the date frame position and ④ the dial No.				
<b>Day star with dial disk</b>				
★ 870931 (English ↔ Spanish) ..... Used when both the crown and the day frame are located at 3 o'clock.				
When ordering any other type of the day star with dial disks, clearly mention the number printed on the disk. If the number is unknown, specify ① Cal. No. ② the crown position ③ the day frame position ④ the dial No. and ⑤ the national language.				
<b>Holding ring for dial</b> ——— Measure the total thickness and the outside diameter. ———				
★ 884632 ..... 1.36 mm total thickness and 31.1 <sup>φ</sup> mm outside diameter.				
If the holding ring for dial is required in any other type, specify ① Cal. No. and ② the dial No.				

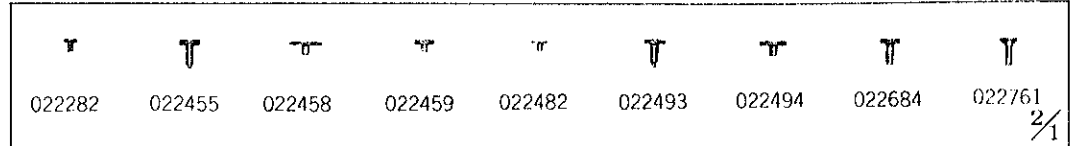
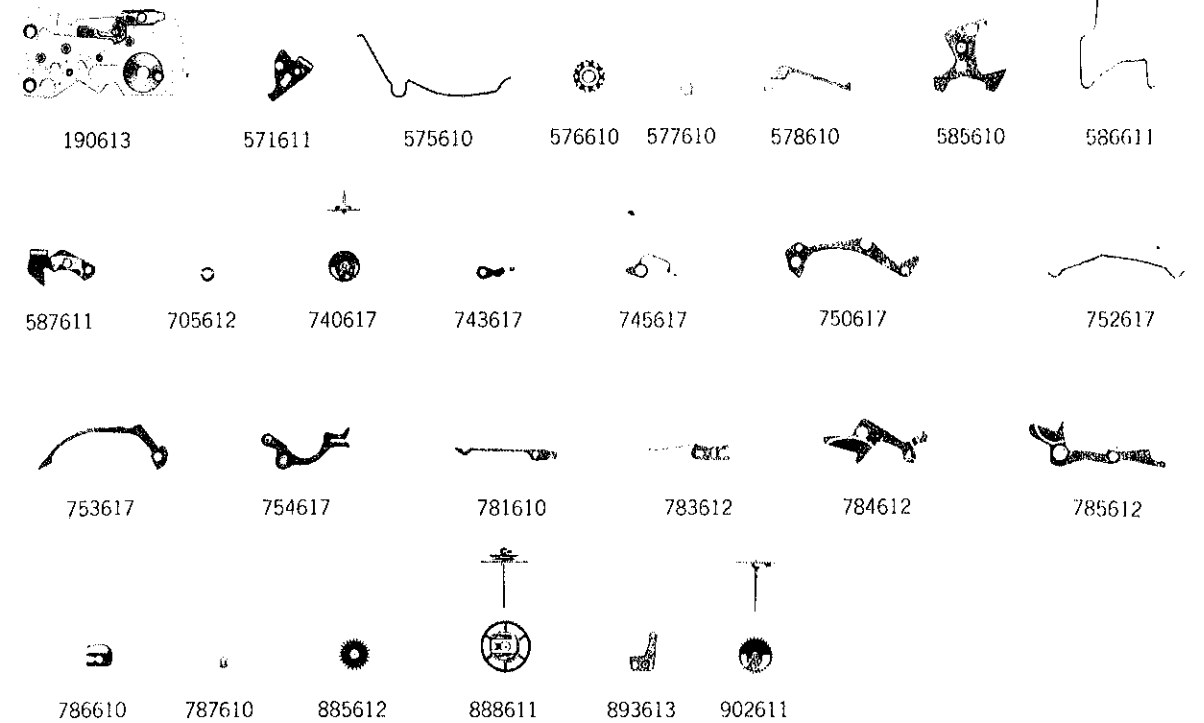
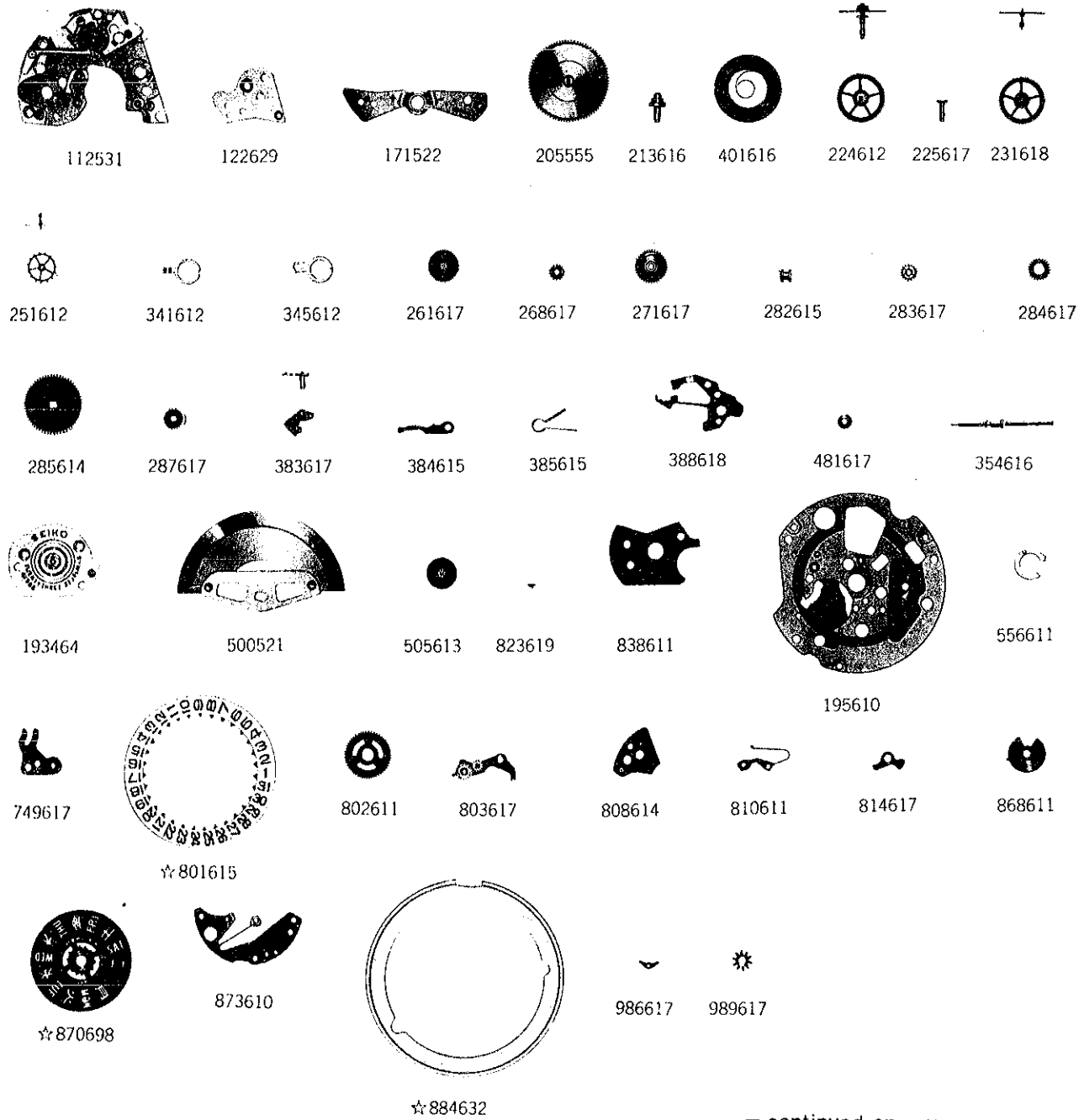


Cal. 6138B

**Characteristics**

Casing diameter: 27.00 $\phi$  mm  
 Maximum height: 8.00 mm  
 Vibrations per hour: 21,600  
 Automatic and auxiliary hand winding with sweep second  
 Chronograph (12 hours recorder & 30 minutes recorder)  
 Calendar (day & date)  
 Instant setting device for day & date calendar  
 Bilingual change-over system for day of week  
 "Diashock" Shock Resistant Device

- continued -



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☆ Please see remarks on the next reverse page.  
 As for all other parts not shown here, please refer to the basic calibre (Cal. No. 6106A 25J Catalog No. 61-06-1 Green page).

Calibre No.		Jewels	Style Name
<b>6138B</b>		<b>23j</b>	
⇨ Basic Calibre 6106A 25J Catalog No. 61-06-1			
PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS
112531	Barrel & train-wheel bridge (with crown wheel, second intermediate ratchet wheel, operating lever, pillar wheel jumper and fly-back lever)	873610	Day jumper
122629	Center wheel bridge	☆884632	Holding ring for dial
161805	Pallet cock	963610	Snap for day star with dial disk
171522	Balance cock	986617	Day-date corrector wheel rocking lever
190613	Chronograph bridge(with hammer click)	989617	Intermediate wheel for day correction
193464	Framework for automatic device with ball-bearing	571611	Operating lever
195610	Calendar plate	575610	Operating lever spring
205555	Complete barrel with arbor (with intermediate hour recording wheel, intermediate hour recording wheel ring, and friction spring for intermediate hour recording wheel)	576610	Pillar wheel
213616	Barrel arbor	577610	Pillar wheel ring
224612	Center wheel & pinion with cannon pinion	578610	Pillar wheel jumper
225617	Cannon pinion	585610	Hammer
231618	Third wheel & pinion	586611	Hammer spring
251612	Escape wheel & pinion	587611	Fly-back lever
261617	Minute wheel	705612	Minute recording jumper washer
268617	Second intermediate ratchet wheel	740617	Hour recording wheel
271617	Hour wheel	743617	Hour recording wheel stop lever
282615	Clutch wheel	745617	Spring for hour recording wheel stop lever
283617	Winding pinion	750617	Hour hammer
284617	Crown wheel	752617	Hour hammer spring
285614	Ratchet wheel	753617	Hour fly-back lever
287617	Intermediate ratchet wheel	754617	Intermediate hour recording wheel stop lever
301611	Jewelled pallet fork & staff	781610	Hammer click
310611	Balance complete with stud	783612	Minute recording jumper
315611	Balance staff	784612	First coupling lever
331610	Roller with jewel	785612	Second coupling lever
341612	Regulator	786610	Chronograph finger
345612	Stud holder	787610	Rest of chronograph finger
354616	Winding stem	885612	Intermediate minute recording wheel
381611	Click	888611	Center chronograph wheel
383617	Setting lever with axle	893613	Intermediate minute recording wheel holder
384615	Yoke (Clutch lever)	902611	Minute recording wheel
385615	Yoke spring (Clutch lever spring)	022150	Stud screw
388618	Setting lever spring	022252	Holder screw for intermediate minute recording wheel
401616	Mainspring with slipping attachment	022282	Screw for minute recording jumper
481617	Crown wheel ring	022351	Center wheel bridge screw
014363	Diashock upper frame	022455	Calendar plate screw
014364	Diashock lower frame	022458	Screw for oscillating weight
014365	Diashock hole jewel with frame	022459	Framework screw for automatic device with ball-bearing
011210	Diashock cap jewel	022467	Ratchet wheel screw
014317	Diashock spring	022468	Pallet cock screw
500521	Oscillating weight	022471	Click screw
505613	Transmission wheel	022482	Screw for intermediate wheel of day correction
823619	Eccentric post	022493	Bridge screw
831611	Pawl lever with jewel	022493	Chronograph bridge screw
838611	Pawl lever seat	022494	Pillar wheel screw
556611	Date finger	022494	First coupling lever screw
749617	Setting wheel lever guard	022494	Setting lever spring screw
☆801615	Date dial	022662	Setting wheel lever guard screw
802611	Date driving wheel	022662	Date driving wheel screw
803617	Setting wheel lever complete	022677	Holding screw for coupling levers
808614	Date dial guard	022684	Date dial guard screw
810611	Date jumper	022760	Setting wheel lever plate screw
814617	Setting wheel lever plate	022760	Day jumper screw
817610	Intermediate date wheel	022760	Dial screw
868611	Day finger	022761	
☆870698	Day star with dial disk (English ↔ Japanese)		— continued on reverse page —

Calibre No.		Jewels	Style Name
<b>6138B</b>		<b>23j</b>	
⇨ Basic Calibre 6106A 25J Catalog No. 61-06-1			
PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS
	— continued —		
011145	Lower hole jewel for barrel	023100	Tube for bridge screw (short)
011167	Upper hole jewel for center wheel	023101	Tube for bridge screw (long)
011145	Lower hole jewel for center wheel	023108	Tube for 1st coupling lever screw
011306	Upper hole jewel for 3rd wheel	023110	Tube for chronograph bridge screw
011405	Lower hole jewel for 3rd wheel	023148	Tube for holder screw of intermediate minute recording wheel
011406	Upper hole jewel for escape wheel	023150	Tube for pallet cock screw
011406	Lower hole jewel for escape wheel	023150	Tube for balance cock screw
011503	Upper hole jewel for pallet	023181	Tube for screw of intermediate wheel of day correction
011503	Lower hole jewel for pallet	023189	Tube for framework screw of automatic device
011147	Upper hole jewel for transmission wheel	023443	Fly-back lever pin
011147	Lower hole jewel for transmission wheel	023444	Hammer click pin
011424	Upper hole jewel for center chronograph wheel	023865	Second intermediate ratchet wheel pin
011544	Lower hole jewel for minute recording wheel	023868	Operating lever pin
011538	Upper hole jewel for intermediate minute recording wheel	023990	Pillar wheel jumper pin
011538	Lower hole jewel for intermediate minute recording wheel		
<b>Remarks :</b>			
<b>Date dial</b>			
☆ 801615 (Black figures on white background) ..... Used when both the crown and the date frame are located at 3 o'clock.			
If the date dial is required in any other type, specify (1) Cal. No. (2) the crown position (3) the date frame position and (4) the dial No.			
<b>Day star with dial disk</b>			
☆ 870698 (English ↔ Japanese) ..... Used when both the crown and the day frame are located at 3 o'clock.			
When ordering any other type of the day star with dial disks, clearly mention the number printed on the disk. If the number is unknown, specify (1) Cal. No. (2) the crown position (3) the day frame position (4) the dial No. and (5) the national language.			
<b>Holding ring for dial</b> ----- Measure the total thickness and the outside diameter, -----			
☆ 884632 ..... 1.36 mm total thickness and 31.1 <sup>1/2</sup> mm outside diameter			
If the holding ring for dial is required in any other type, specify (1) Cal. No. and (2) the dial No.			

☆⇨ Please see remarks on the reverse page.

Items in light letters are not shown in photos; those parts are interchangeable with the basic calibre (Cal. No. 6106A 25J Catalog No. 61-06-1 Green page).