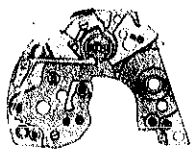
















Cal. 6139B

Characteristics







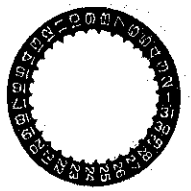
Casing diameter : 27.00 ϕ mm
 Maximum height : 7.10 mm
 Vibrations per hour : 21,600
 Automatic winding with sweep second
 Chronograph (30minutes recorder)
 Calendar (day & date)
 Instant setting device for day & date calendar
 Bilingual change-over system for day of week
 "Diashock" Shock Resistant Device






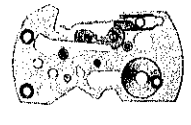


112533 122618 171522 401616 231618 251612 341612 345612

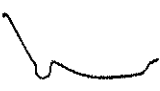








285614 387613 ☆ 354617 ☆ 357612 ☆ 998613 ☆ 999613 193463










500521 505613 823619 338611 556611 808611 ☆ 801618









802611 810611 868611 880611 972610 190612 571611 ☆ 870538

575610 576610 577610 578610 585610 586611 587612 705612 781610

783612 784612 785612 786610 787610 885612 888612 893612 902612

022269 022282 022458 022459 022493 022494 022684 022761

Catalog No.

Calibre No.	Jewels	Style Name	
6139B	17j	(Automatic Chronograph)	
⇒ Basic Calibre 6106A 25J Catalog No. 61-06-1			
PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS
<p>112533</p> <p>122618</p> <p>161805</p> <p>171522</p> <p>190612</p> <p>193463</p> <p>205613</p> <p>213612</p> <p>224611</p> <p>225611</p> <p>231618</p> <p>251612</p> <p>261611</p> <p>271611</p> <p>281611</p> <p>282611</p> <p>285614</p> <p>301611</p> <p>310611</p> <p>315611</p> <p>331610</p> <p>341612</p> <p>345612</p> <p>☆ 354617</p> <p>☆ 357612</p> <p>381611</p> <p>383611</p> <p>384611</p> <p>387613</p> <p>388611</p> <p>401616</p> <p>☆ 998613</p> <p>☆ 999613</p> <p>014363</p> <p>014364</p> <p>014365</p> <p>011210</p> <p>014317</p> <p>500521</p> <p>505613</p> <p>823619</p> <p>831611</p> <p>838611</p> <p>556611</p> <p>☆ 801618</p> <p>802611</p> <p>808611</p> <p>810611</p> <p>817610</p> <p>868611</p> <p>☆ 870538</p> <p>880611</p> <p>883610</p> <p>☆ 884611</p> <p>963610</p> <p>972610</p> <p>571611</p> <p>575610</p> <p>576610</p> <p>577610</p>	<p>Barrel & train-wheel bridge (with operating lever, pillar wheel jumper & fly-back lever)</p> <p>Center wheel bridge</p> <p>Pallet cock</p> <p>Balance cock</p> <p>Chronograph bridge (with hammer click)</p> <p>Framework for automatic device with ball-bearing</p> <p>Complete barrel with arbor</p> <p>Barrel arbor</p> <p>Center wheel & pinion with cannon pinion</p> <p>Cannon pinion</p> <p>Third wheel & pinion</p> <p>Escape wheel & pinion</p> <p>Minute wheel</p> <p>Hour wheel</p> <p>Setting wheel</p> <p>Clutch wheel</p> <p>Ratchet wheel</p> <p>Jewelled pallet fork & staff</p> <p>Balance complete with stud</p> <p>Balance staff</p> <p>Roller with jewel</p> <p>Regulator</p> <p>Stud holder</p> <p>Winding stem</p> <p>Click</p> <p>Setting lever with axle</p> <p>Yoke (Clutch lever)</p> <p>Minute wheel bridge</p> <p>Setting lever spring</p> <p>Mainspring with slipping attachment</p> <p>Indicator wheel</p> <p>Indicator wheel spring</p> <p>Diashock upper frame</p> <p>Diashock lower frame</p> <p>Diashock hole jewel with frame</p> <p>Diashock cap jewel</p> <p>Diashock spring</p> <p>Oscillating weight</p> <p>Transmission wheel</p> <p>Eccentric post</p> <p>Pawl lever with jewel</p> <p>Pawl lever seat</p> <p>Date finger</p> <p>Date dial</p> <p>Date driving wheel</p> <p>Date dial guard</p> <p>Date jumper</p> <p>Intermediate date wheel</p> <p>Day finger</p> <p>Day star with dial disk (English ↔ Spanish)</p> <p>Date corrector</p> <p>Date corrector spring</p> <p>Holding ring for dial</p> <p>Snap for day star with dial disk</p> <p>Day-date corrector finger</p> <p>Operating lever</p> <p>Operating lever spring</p> <p>Pillar wheel</p> <p>Pillar wheel ring</p>	<p>578610</p> <p>585610</p> <p>586611</p> <p>587612</p> <p>705612</p> <p>781610</p> <p>783612</p> <p>784612</p> <p>785612</p> <p>786610</p> <p>787610</p> <p>885612</p> <p>888612</p> <p>893612</p> <p>902612</p> <p>022150</p> <p>022252</p> <p>022257</p> <p>022269</p> <p>022282</p> <p>022351</p> <p>022458</p> <p>022459</p> <p>022467</p> <p>022468</p> <p>022471</p> <p>022493</p> <p>022493</p> <p>022494</p> <p>022494</p> <p>022662</p> <p>022677</p> <p>022684</p> <p>022760</p> <p>022760</p> <p>022761</p> <p>011167</p> <p>011146</p> <p>011306</p> <p>011406</p> <p>011406</p> <p>011503</p> <p>011503</p> <p>011147</p> <p>011424</p> <p>023100</p> <p>023108</p> <p>023109</p> <p>023110</p> <p>023148</p> <p>023150</p> <p>023150</p>	<p>Pillar wheel jumper</p> <p>Hammer</p> <p>Hammer spring</p> <p>Fly-back lever</p> <p>Minute recording jumper washer</p> <p>Hammer click</p> <p>Minute recording jumper</p> <p>First coupling lever</p> <p>Second coupling lever</p> <p>Chronograph finger</p> <p>Rest of chronograph finger</p> <p>Intermediate minute recording wheel</p> <p>Center chronograph wheel</p> <p>Intermediate minute recording wheel holder</p> <p>Minute recording wheel</p> <p>Stud screw</p> <p>Holder screw for intermediate minute recording wheel</p> <p>Date corrector spring screw</p> <p>Minute wheel bridge screw (Cheese-head screw)</p> <p>Screw for minute recording jumper</p> <p>Center wheel bridge screw</p> <p>Screw for oscillating weight</p> <p>Framework screw for automatic device with ball-bearing</p> <p>Ratchet wheel screw</p> <p>Pallet cock screw</p> <p>Click screw</p> <p>Bridge screw</p> <p>Chronograph bridge screw</p> <p>Pillar wheel screw</p> <p>First coupling lever screw</p> <p>Setting lever spring screw</p> <p>Date driving wheel screw</p> <p>Holding screw for coupling levers (Chamfer-head screw)</p> <p>Minute wheel bridge screw</p> <p>Date dial guard screw</p> <p>Dial screw</p> <p>Upper hole jewel for center wheel</p> <p>Lower hole jewel for center wheel</p> <p>Lower hole jewel for 3rd wheel</p> <p>Upper hole jewel for escape wheel</p> <p>Lower hole jewel for escape wheel</p> <p>Upper hole jewel for pallet</p> <p>Lower hole jewel for pallet</p> <p>Lower hole jewel for transmission wheel</p> <p>Upper hole jewel for center chronograph wheel</p> <p>Tube for bridge screw (short)</p> <p>Tube for 1st coupling lever screw</p> <p>Tube for bridge screw (long)</p> <p>Tube for chronograph bridge screw</p> <p>Tube for holder screw of intermediate minute recording wheel</p> <p>Tube for pallet cock screw (Cylinder type)</p> <p>Tube for balance cock screw</p>
—continued on next page—			

(71-9)

☆⇒ Please see remarks on the next 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).

☆⇒ Please see remarks on the next 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.	6139B	Jewels	17j	Style Name	(Automatic Chronograph)
↔ Basic Calibre 6106A 25J Catalog No. 61-06-1					

PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS
--continued--			
023170	Tube for pallet cock screw (Recessed type)	023868	Operating lever pin
023189	Tube for framework screw of automatic device	023990	Pillar wheel jumper pin
023417	Date corrector pin		
023443	Fly-back lever pin		
023444	Hammer click pin		

Remarks :

Winding stem, Indicator wheel, Indicator wheel spring

☆ 354617..... Used for other than models with rotating dial ring.

☆ 357612 }
 ☆ 998613 } Used only for models with rotating dial ring.
 ☆ 999613 }

If the shapes of these three parts are different from the above items, specify ① Cal. No. and ② the case No.

Date dial

☆ 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.

Day star with dial disk

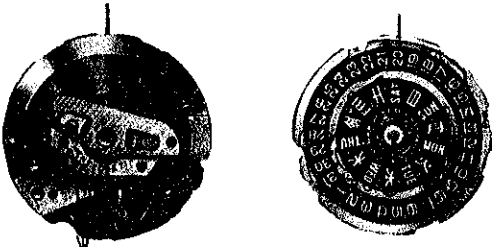
☆ 870538(English ↔ Spanish)..... Used when both the crown and the day frame are located at **3** o'clock.

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.

Holding ring for dial ----- Measure the total thickness and the outside diameter. -----

☆ 884611..... 1.82mm total thickness and 29.1^φ 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. 6139B

Characteristics

Casing diameter : 27.00 ϕ mm
 Maximum height : 7.10 mm
 Vibrations per hour : 21,600
 Automatic winding with sweep second
 Chronograph (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
 "Diafix" Oil Lubrication Device

112532

122613

171522

401616

231618

251619

341612

345612

285614

387613

015411

011206

015113

☆354617

☆357612

☆998613

☆999613

193461

500521

505613

823619

838611

556611

☆801618

802611

808611

810611

868611

880611

972610

190612

☆870529

571611

575610

576610

577610

578610

585610

586611

587612

705612

781610

783612

784612

795612

786610

787610

885612

888612

893612

902612

022269

022282

022458

022459

022493

022494

022684

022761

Calibre No.	Jewels	Style Name	
6139B	21j		
⇨ Basic Calibre 6106A 25J Catalog No. 61-06-1			
PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS
<p>112532 Barrel & train-wheel bridge (with operating lever, pillar wheel jumper & fly-back lever)</p> <p>122613 Center wheel bridge</p> <p>161805 Pallet cock</p> <p>171522 Balance cock</p> <p>190612 Chronograph bridge (with hammer click)</p> <p>193461 Framework for automatic device with ball-bearing</p> <p>205613 Complete barrel with arbor</p> <p>213612 Barrel arbor</p> <p>224611 Center wheel & pinion with cannon pinion</p> <p>225611 Cannon pinion</p> <p>231618 Third wheel & pinion</p> <p>251619 Escape wheel & pinion</p> <p>261611 Minute wheel</p> <p>271611 Hour wheel</p> <p>281611 Setting wheel</p> <p>282611 Clutch wheel</p> <p>285614 Ratchet wheel</p> <p>301611 Jewelled pallet fork & staff</p> <p>310611 Balance complete with stud</p> <p>315611 Balance staff</p> <p>331610 Roller with jewel</p> <p>341612 Regulator</p> <p>345612 Stud holder</p> <p>☆ 354617 Winding stem</p> <p>☆ 357612 Click</p> <p>381611 Setting lever with axle</p> <p>383611 Yoke (Clutch lever)</p> <p>384611 Minute wheel bridge</p> <p>388611 Setting lever spring</p> <p>401616 Mainspring with slipping attachment</p> <p>☆ 998613 Indicator wheel</p> <p>☆ 999613 Indicator wheel spring</p> <p>014363 Diashock upper frame</p> <p>014364 Diashock lower frame</p> <p>014365 Diashock hole jewel with frame</p> <p>011210 Diashock cap jewel</p> <p>014317 Diashock spring</p> <p>015411 Diafix lower hole jewel with frame for escape wheel</p> <p>011206 Diafix cap jewel</p> <p>015113 Diafix spring</p> <p>500521 Oscillating weight</p> <p>505613 Transmission wheel</p> <p>823619 Eccentric post</p> <p>831611 Pawl lever with jewel</p> <p>838611 Pawl lever seat</p> <p>556611 Date finger</p> <p>☆ 801618 Date dial</p> <p>802611 Date driving wheel</p> <p>808611 Date dial guard</p> <p>810611 Date jumper</p> <p>817610 Intermediate date wheel</p> <p>888611 Day finger</p> <p>☆ 870529 Day star with dial disk (English ⇄ Japanese)</p> <p>880611 Date corrector</p> <p>883610 Date corrector spring</p> <p>☆ 884611 Holding ring for dial</p> <p>963610 Snap for day star with dial disk</p> <p>972610 Day-date corrector finger</p>	<p>571611 Operating lever</p> <p>575610 Operating lever spring</p> <p>576610 Pillar wheel</p> <p>577610 Pillar wheel ring</p> <p>578610 Pillar wheel jumper</p> <p>585610 Hammer</p> <p>586611 Hammer spring</p> <p>587612 Fly-back lever</p> <p>705612 Minute recording jumper washer</p> <p>781610 Hammer click</p> <p>783612 Minute recording jumper</p> <p>784612 First coupling lever</p> <p>785612 Second coupling lever</p> <p>786610 Chronograph finger</p> <p>787610 Rest of chronograph finger</p> <p>885612 Intermediate minute recording wheel</p> <p>888612 Center chronograph wheel</p> <p>893612 Intermediate minute recording wheel holder</p> <p>902612 Minute recording wheel</p> <p>022150 Stud screw</p> <p>022252 Holder screw for intermediate minute recording wheel</p> <p>022257 Date corrector spring screw</p> <p>022269 Minute wheel bridge screw (Cheese-head screw)</p> <p>022282 Screw for minute recording jumper</p> <p>022351 Center wheel bridge screw</p> <p>022458 Screw for oscillating weight</p> <p>022459 Framework screw for automatic device with ball-bearing</p> <p>022467 Ratchet wheel screw</p> <p>022468 Pallet cock screw</p> <p>022471 Click screw</p> <p>022493 Bridge screw</p> <p>022493 Chronograph bridge screw</p> <p>022494 Pillar wheel screw</p> <p>022494 First coupling lever screw</p> <p>022662 Setting lever spring screw</p> <p>022677 Date driving wheel screw</p> <p>022684 Holding screw for coupling levers</p> <p>022760 Minute wheel bridge screw (Chamfer-head screw)</p> <p>02.760 Date dial guard screw</p> <p>022761 Dial screw</p> <p>011167 Upper hole jewel for center wheel</p> <p>011146 Lower hole jewel for center wheel</p> <p>011306 Upper hole jewel for 3rd wheel</p> <p>011306 Lower hole jewel for 3rd wheel</p> <p>011406 Upper hole jewel for escape wheel</p> <p>011503 Upper hole jewel for pallet</p> <p>011503 Lower hole jewel for pallet</p> <p>011147 Upper hole jewel for transmission wheel</p> <p>011147 Lower hole jewel for transmission wheel</p> <p>011424 Upper hole jewel for center chronograph wheel</p> <p>011544 Lower hole jewel for minute recording wheel</p>		

☆⇨ Please see remarks on the next 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).

☆⇨ Please see remarks on the next 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).

—continued on next page—

Calibre No. 6139B	Jewels 21j	Style Name
Basic Calibre 6106A 25J Catalog No. 61-06-1		

PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS
-- continued --			
023100	Tube for bridge screw (short)	023170	Tube for pallet cock screw (Recessed type)
023108	Tube for 1st coupling lever screw	023189	Tube for framework screw of automatic device
023109	Tube for bridge screw (long)	023417	Date corrector pin
023110	Tube for chronograph bridge screw	023443	Fly-back lever pin
023148	Tube for holder screw of intermediate minute recording wheel	023444	Hammer click pin
023150	Tube for pallet cock screw (Cylinder type)	023868	Operating lever pin
023150	Tube for balance cock screw	023990	Pillar wheel jumper pin

Remarks :

Winding stem, Indicator wheel, Indicator wheel spring

☆ 354617.....Used for other than models with rotating dial ring.

☆ 357612

☆ 998613 }Used only for models with rotating dial ring.

☆ 999613 }

If the shapes of these three parts are different from the above items, specify ① Cal. No. and ② the case No.

Date dial

☆ 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.

Day star with dial disk

☆ 870529 (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.

Holding ring for dial ----- Measure the total thickness and the outside diameter -----

☆ 884611.....1.82mm total thickness and 29.1^φmm outside diameter.

If the holding ring for dial is required in any other type, specify ① Cal. No. and ② the dial No.