

|   |       |        |     |            |
|---|-------|--------|-----|------------|
| Calibre No.                                   | 4522A | Jewels | 25j | Style Name |
| ⇒ Basic Calibre 4520A 25J Catalog No. 45-20-1 |       |        |     |            |



Cal. 4522A

### Characteristics

- Casing diameter: 27.00  $\phi$  mm
- Maximum height: 3.50 mm
- Vibrations per hour: 36,000
- Non-automatic with sweep second
- Calendar (date)
- Instant date changing
- Instant date setting
- Second-setting device
- Micro-adjustor
- "Diashock" Shock Resistant Device
- "Diafix" Oil Lubrication Device



131450



282450



384450



387450



389450



556450



558450



559450



630450



631450



655450



☆801450



802450



803450



808450



809450



810450



811450



812450



817450

|               |        |
|---------------|--------|
| T             | I      |
| 012208        | 012721 |
| $\frac{2}{1}$ |        |

☆ ⇒ Please see remarks on the next page.

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

| Calibre No.                                   |  | Jewels          | Style Name   |  |
|---|--|-----------------|--|--|
| <b>4522A</b>                                  |  | <b>25j</b>      |  |  |
| ⇒ Basic Calibre 4520A 25J Catalog No. 45-20-1 |  |                 |  |  |
| PART NO.                                      | LIST OF MATERIALS                                    | PART NO.        | LIST OF MATERIALS  |  |
| 111450  | Barrel bridge  | 015113          | Diafix spring  |  |
| 123450  | Barrel-driven minute pinion bridge                   | <b>556450</b>   | Date finger  |  |
| <b>131450</b>                                 | <b>Third wheel bridge</b>                            | <b>558450</b>   | Date finger spring   |  |
| 161450  | Pallet cock  | <b>559450</b>   | Date cam   |  |
| 171451  | Balance cock   | <b>630450</b>   | Date cam jumper  |  |
| 205451  | Complete barrel with arbor                           | <b>631450</b>   | Date cam jumper spring   |  |
| 213451  | Barrel arbor   | <b>655450</b>   | Date cam jumper guard  |  |
| 221450  | Large driving wheel & pinion (off center)            | ☆ <b>801450</b> | Date dial  |  |
| 225450  | Cannon pinion  | <b>802450</b>   | Date driving wheel   |  |
| 226450  | Barrel-driven minute pinion with cannon pinion       | <b>803450</b>   | Setting wheel lever complete   |  |
| 231451  | Third wheel & pinion                                 | <b>808450</b>   | Date dial guard  |  |
| 240450  | Sweep second wheel                                   | <b>809450</b>   | Date jumper guard  |  |
| 241451  | Fourth wheel & pinion                                | <b>810450</b>   | Date jumper  |  |
| 251451  | Escape wheel & pinion                                | <b>811450</b>   | Date jumper spring   |  |
| 261450  | Minute wheel   | <b>812450</b>   | Setting wheel lever spring   |  |
| 271450  | Hour wheel   | <b>817450</b>   | Intermediate date wheel  |  |
| <b>282450</b>                                 | <b>Clutch wheel</b>                                  | 012128          | Stud screw   |  |
| 283450  | Winding pinion                                       | 012204          | Pallet cock screw  |  |
| 284451  | Crown wheel  | <b>012208</b>   | Intermediate date wheel screw  |  |
| 285451  | Ratchet wheel  | 012223          | Bridge screw   |  |
| 291450  | Intermediate setting wheel                           | 012226          | Third wheel bridge screw   |  |
| 296450  | Intermediate wheel for minute pinion & driving wheel | 012276          | Screw for barrel-driven minute pinion bridge                             |  |
| 301450  | Jewelled pallet fork & staff                         | 012408          | Ratchet wheel screw  |  |
| 310451  | Balance complete with stud                           | 012645          | Click screw  |  |
| 315450  | Balance staff  | 012720          | Dial screw   |  |
| 331450  | Roller with jewel                                    | <b>012721</b>   | Date cam jumper guard screw  |  |
| 341450  | Regulator  | <b>012721</b>   | Date dial guard screw  |  |
| 344450  | Regulator adjusting device                           | <b>012721</b>   | Date jumper guard screw  |  |
| 345450  | Stud holder  | 012730          | Casing clamp screw   |  |
| 354452  | Winding stem   | 012735          | Minute wheel bridge screw  |  |
| 381650  | Click  | 012735          | Setting lever spring screw   |  |
| 382650  | Click spring   | 012735          | Setting lever axle spring screw  |  |
| 383450  | Setting lever  | 012741          | Crown wheel ring screw   |  |
| <b>384450</b>                                 | <b>Yoke (Clutch lever)</b>                           | 011535          | Upper hole jewel for large driving wheel & pinion (off center)           |  |
| 385450  | Yoke spring (Clutch lever spring)                    | 011535          | Lower hole jewel for large driving wheel & pinion (off center)           |  |
| <b>387450</b>                                 | <b>Minute wheel bridge</b>                           | 011521          | Upper hole jewel for barrel-driven minute pinion                         |  |
| 388450  | Setting lever spring                                 | 011533          | Lower hole jewel for barrel-driven minute pinion                         |  |
| <b>389450</b>                                 | <b>Setting lever axle spring</b>                     | 011532          | Upper hole jewel for 3rd wheel   |  |
| 390450  | Setting lever axle                                   | 011532          | Lower hole jewel for 3rd wheel   |  |
| 391450  | Second-setting lever                                 | 011321          | Upper hole jewel for sweep second wheel                                  |  |
| 395450  | Micro-adjustor                                       | 011713          | Lower hole jewel for sweep second wheel                                  |  |
| 399450  | Casing clamp   | 011532          | Upper hole jewel for 4th wheel   |  |
| 401450  | Mainspring (self-greasing)                           | 011532          | Lower hole jewel for 4th wheel   |  |
| 481451  | Crown wheel ring                                     | 011535          | Upper hole jewel for intermediate wheel of minute pinion & driving wheel |  |
| 491540  | Dial washer  | 011535          | Lower hole jewel for intermediate wheel of minute pinion & driving wheel |  |
| ☆ 492450 }                                    | Balance cock washer                                  | 011505          | Upper hole jewel for pallet  |  |
| ☆ 492451 }                                    |  | 011505          | Lower hole jewel for pallet  |  |
| ☆ 493002 }                                    | Hour wheel ring                                      | 013106          | Tube for date cam jumper guard screw                                     |  |
| ☆ 493005 }                                    |  | 013107          | Tube for bridge screw  |  |
| 581450  | Balance stop lever                                   | 013107          | Tube for 3rd wheel bridge screw  |  |
| 717450  | Second-setting transmission lever                    | 013190          | Tube for setting wheel lever screw                                       |  |
| 014293  | Diashock upper frame                                 | 013191          | Tube for barrel-driven minute pinion bridge screw                        |  |
| 014294  | Diashock lower frame                                 | 013934          | Micro-adjustor pin   |  |
| 014295  | Diashock hole jewel with frame                       |                 |  |  |
| 011220  | Diashock cap jewel                                   |                 |  |  |
| 014217  | Diashock spring                                      |                 |  |  |
| 015311  | Diafix upper hole jewel with frame for escape wheel  |                 |  |  |
| 015311  | Diafix lower hole jewel with frame for escape wheel  |                 |  |  |
| 011211  | Diafix cap jewel                                     |                 |  |  |

☆ ⇒ 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. **4520A** 25J Catalog No. 45-20-1 Green page).

Calibre No.

**4522A**

Jewels

**25 j**

Style Name

↳ Basic Calibre **4520A** 25J Catalog No. 45-20-1

**Remarks :**

**Balance cock washer** \_\_\_\_\_ Please measure the thickness \_\_\_\_\_

☆ 492450 ..... **0.015** mm thickness (Rose gilt)

☆ 492451 ..... **0.035** mm thickness (Gilt)

**Hour wheel ring** \_\_\_\_\_ Please measure the thickness \_\_\_\_\_

☆ 493002 ..... **0.03** mm thickness (Rose gilt)

☆ 493005 ..... **0.05** mm thickness (Silver)

**Date dial**

☆ 801450 ..... 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.