



## Double Balancier In 5N red gold Hand-wound movement with 2 patents

Double Balancier • hours and minutes • small seconds •  
4-minutes spherical constant differential rotation • power-reserve

### Movement

#### Movement dimensions

- Diameter: 36.40 mm
- Thickness: 8.15 mm

#### Number of parts

- Movement: 285 parts
- Escapement platform: 2 x 71 parts
- Spherical constant differential: 30 parts

#### Number of jewels

- 50
- Olived-domed jewels in gold chatons

#### Chronometric power reserve

- 72 hours

#### Barrels

- Two series-coupled fast rotating barrels (1 turn in 3.2 hours), one of which is equipped with a slipping spring to avoid excess tension

#### Balance wheels

- Variable-inertia with gold mean-time screws (10 mm diameter)

#### Frequency

- 21'600 vibrations/hour

#### Balance springs

- Phillips terminal curve
- Geneva-style stud

#### Main plates

- Nickel silver, frosted and spotted, with polished bevelling and countersinks, straight-grained flanks, grey treatment

#### Bridges

- Nickel silver, spotted, with polished bevelling and countersinks, straight-grained flanks, grey treatment
- Flat black polished steel differential bridges
- Flat black polished gold centre bridge, with polished bevelling and countersinks, straight-grained flanks
- 2 engraved gold plates (1x Greubel Forsey, 1x individual number)

#### Escapement platforms

- Inclined at a 30° angle
- Nickel silver, straight graining, hand-polished bevelling and countersinks, nickel-palladium treatment
- Polished steel pillars
- Flat black polished and barrel polished steel balance wheel bridges

#### Gearing

- Involute circle profile
- Inclined gear with profiled teeth on fourth wheel

#### Displays

- Hours and minutes
- Small seconds
- 4-minutes spherical constant differential rotation
- 72-hours power reserve on a sector

#### Exterior

##### Case

- In 5N red gold with convex synthetic sapphire crystal
- Transparent back with synthetic sapphire crystal
- Three-dimensional, variable geometry-shaped lugs
- Raised polished engraving "Double Balancier" and "Greubel Forsey" on a hand-punched background
- Gold security screws
- Hand-polished bezel, caseband with hand-finished straight graining
- Hand-engraved individual number

##### Case dimensions

- Diameter: 43.00 mm
- Height: 13.38 mm

##### Water resistance of the case

- Water-resistant 3 atm - 30 m - 100 ft (standard NIHS 92-20/SN ISO 22810:2010)

##### Crown

- In 5N red gold with engraved and black lacquered GF logo

##### Dial

- Multi-level black anthracite gold dial, with engraved and "oven fired" enamelled indexes (émail grand feu champlévé)
- Differential rotation and small seconds indicators in gold

##### Hands

- Hours and minutes in polished gold, with Super-LumiNova
- Small seconds, 4-minutes in polished blued steel
- Power-reserve in polished gold

##### Strap and clasp

- Hand-sewn alligator
- 5N red gold folding clasp, hand-engraved with the GF logo