

# GMT

## In white gold

### Hand-wound movement with 3 patents

GMT • 2nd time zone • rotating globe with universal time and day-and-night • universal time on 24 time zone • summer and winter time • cities observing summer time • lateral window showing the equator and southern hemisphere • GMT pusher  
Tourbillon 24 Secondes • hours and minutes • small seconds • power-reserve

#### Movement

##### Movement dimensions

- Diameter : 36.40 mm
- Thickness : 9.80 mm

##### Number of parts

- Movement: 437 parts
- Tourbillon cage: 86 parts
- Weight of the cage: 0.39 g

##### Number of jewels

- 50
- Olivé-domed jewels in gold chatons

##### Chronometric power reserve

- 72 hours

##### Barrels

- Two coaxial 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 wheel

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

##### Frequency

- 21'600 vibrations/hour

##### Balance spring

- Phillips terminal curve
- Geneva-style stud

##### Main plates

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

##### Bridges

- Nickel silver, frosted and spotted, with polished bevelling and countersinks, straight-grained flanks, nickel-palladium treatment
- Gold plate engraved with the individual number
- Flat black polished steel tourbillon bridge, hand-polished bevelling and countersinks

##### Tourbillon

- Inclined at a 25° angle, 24-seconds rotation
- Light alloy cage pillars
- Titanium cage bridges
- Gold counterweight

##### Gearing

- Involute circle profile
- Tangential inclined gear on fixed wheel and profiled teeth on escape wheel pinion

##### Displays

- Hours and minutes
- Small seconds
- 72-hours power reserve on a sector
- 2nd time zone GMT

- 24 time zone universal time
- Rotating titanium globe with universal time
- Summer time
- Day-and-night

#### Exterior

##### Case

- In white gold with asymmetrical convex synthetic sapphire crystal
- Transparent back with asymmetrical convex synthetic sapphire crystal
- Lateral window with shaped synthetic sapphire crystal
- Three-dimensional, variable geometry-shaped lugs
- Raised polished engraving "GMT" and "Greubel Forsey" on a hand-punched background
- Gold security screws
- Polished bezel, caseband with hand-finished straight graining
- White gold GMT pusher with raised engraving on a hand-punched background
- Hand-engraved individual number

##### Case dimensions

- Diameter: 43.50 mm
- Height: 16.14 mm

##### Water resistance of the case

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

##### Crown

- In white gold with engraved and black lacquered GF logo

##### Dial

- Multi-level gold dial, frosted, anthracite treatment
- White gold hour-ring
- Small second, power-reserve and GMT in gold
- Gold GF logo

##### Movement side

- Synthetic sapphire disc displaying city names surrounded by 2 gold rings (UTC and summer time) engraved and lacquered
- Gold "summer time" plate with raised engraving
- Gold sun with raised engraving on a hand-punched background

##### Hands

- Hours and minutes in polished gold, with Super-LumiNova
- Small seconds and power-reserve in polished blued steel
- 2nd time zone GMT indicator, red triangle

##### Strap and clasp

- Hand-sewn alligator
- White gold folding clasp, hand-engraved with the GF logo

