

## GMT Balancier Convexe

### In titanium

### Limited edition

### Patented hand-wound movement

GMT • 2nd time zone • rotating globe with universal time and day-and-night • universal time on 24 time zones • summer and winter time • cities observing summer time • GMT pusher • 30° inclined Greubel Forsey balance wheel system • hours and minutes • small seconds

#### Movement

##### Movement dimensions

- Overall diameter : 38.80 mm
- Thickness : 13.41 mm

##### Number of parts

- Movement : 423 parts
- Escapement platform : 59 parts

##### Number of jewels

- 42
- 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), equipped with a fixed mainspring-bridle

##### Balance wheel

- In-house variable-inertia with 6 gold mean-time screws (12.60 mm diameter)

##### Frequency

- 21'600 vibrations/hour

##### Balance spring

- Phillips terminal curve
- Geneva-style stud

##### Bridges and main plates

- Titanium
- Frosted, polished bevelling and countersinks, straight-grained flanks

##### Escapement platform

- Inclined at a 30° angle
- Flat black polished steel, polished bevelling and countersinks, straightgrained flanks
- Polished steel pillars
- Flat black polished and barrel polished steel balance wheel bridge

##### Gearing

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

##### Displays

- Hours and minutes
- Small seconds
- 2nd time zone GMT
- Rotating globe with universal time
- Day-and-night
- 24 time zones universal time
- Summer time, winter time

#### Exterior

##### Case

- Titanium with curved sapphire crystal
- Three-dimensional, variable geometry-shaped bezel, hand-polished with hand-finished straight graining
- Profiled lugs, screwed fixing
- Transparent back with curved and high domed synthetic sapphire crystal
- Engraved GMT pusher
- Titanium security screws
- Raised engraving "GMT" and "Greubel Forsey"

##### Case dimensions

- Caseband diameter: 43.50 mm
- Bezel diameter: 46.50 mm
- Case height: 13.75 mm
- Height on synthetic sapphire crystals: 17.40 mm

##### Water resistance of the case

- Water-resistant 10 atm - 100 m - 328 ft (standard NIHS 92-20/SN ISO 22810:2010)

##### Crown

- Titanium, polished, frosted and straight-grained, with GF logo

##### Dial side

- Terrestrial globe in titanium, relief-engraved continents, ocean blue treatment
- Day-and-night UTC indicator in titanium, engraved and lacquered
- GMT indicator in gold
- Amphitheatre hour-ring with engraved and lacquered minute-circle
- Small seconds indicator in gold

##### Movement side

- Synthetic sapphire disc displaying city names surrounded by 2 rings (UTC and summer time) engraved and lacquered, hand matt lapped
- Gold "summer time" plate with limitation number, raised engraving, hand matt lapped

##### Hands

- Hours and minutes with Super-LumiNova, red triangles
- 2nd time zone GMT indicator, blue triangle
- Small seconds in polished blued steel, flat black polished head

##### Strap and clasp

- Non-animal material, rubber with text in relief, titanium folding clasp, engraved GF logo
- *On demand:*
  - 3-row metal bracelet in titanium, folding clasp with integrated fine adjustment, engraved GF logo

