

Double Tourbillon Technique Blue

Limited edition of 33 pieces in titanium, platinum or white gold

Hand-wound movement with patented tourbillon

Double Tourbillon 30° • hours and minutes • small seconds •
outer tourbillon 4-minutes rotation • inner tourbillon 60-seconds • power-reserve

Movement

Movement dimensions

- Diameter: 38.40 mm
- Thickness: 12.15 mm

Number of parts

- Movement: 396 parts
- Two tourbillon cages: 132 parts
- Weight of the two cages: 1.17 g

Number of jewels

- 43
- Olivé-domed jewels in gold chatons

Chronometric power reserve

- 120 hours

Barrels

- Four 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
- Black finished 22k gold cover with relief engraving

Balance wheel

- Variable-inertia with white gold mean-time screws (10.70 mm diameter)

Frequency

- 21'600 vibrations/hour

Balance spring

- Phillips terminal curve
- Geneva-style stud

Main plates

- Nickel silver, frosted with polished bevelling and countersinks, straight-grained flanks, blue finish

Bridges

- Nickel silver, frosted and spotted with polished bevelling and countersinks, straight-grained flanks, blue finish
- Gold plate engraved with the individual number

Inner tourbillon

- Inclined at a 30° angle, 1 rotation per minute

Outer tourbillon

- 1 rotation in 4 minutes
- Hand-bevelled and openworked cage pillars
- Gold counterweight

Gearing

- Involute circle profile
- Conical gearing with profiled teeth

Displays

- Hours and minutes
- Small seconds
- 120-hours power reserve on a sector
- 4-minutes outer tourbillon rotation
- 60-seconds inner tourbillon rotation

Exterior

Case

- In titanium with convex synthetic sapphire crystal
- Transparent back with synthetic sapphire crystal
- Three-dimensional, variable geometry-shaped lugs, screwed fixing
- Raised polished engraving "Double Tourbillon 30°" and "Greubel Forsey" on a hand-punched background
- Gold security screws
- Polished bezel, caseband with hand-finished straight graining
- Two titanium plates, engraved, hand-finished with texts, screwed to the caseband
- Engraved individual number

Case dimensions

- Diameter: 47.50 mm
- Thickness: 16.84 mm

Water resistance of the case

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

Crown

- In titanium with engraved GF logo

Dial side

- Multi-level synthetic sapphire hour-ring, galvanic growth hour indexes, engraved and lacquered inner tourbillon rotation indicator
- Small seconds and power-reserve indicators in gold

Hands

- Hours and minutes in polished gold, with Super-LumiNova
- Small seconds, power-reserve (red triangles)
- Engraved synthetic sapphire 4-minutes indicator

Strap and clasp

- Black rubber or hand-sewn alligator
- Titanium folding clasp, engraved with the GF logo

