

GF
GREUBEL FORSEY
INVENTEURS HORLOGERS



DOUBLE TOURBILLON TECHNIQUE

White gold case

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MECHANICAL HAND-WOUND MOVEMENT, CALIBRE GF 02S

Double Tourbillon 30°, Hours and minutes display, Outer Tourbillon 4-minute rotation indicator, Inner Tourbillon 60 Second rotation indicator, power-reserve indicator.

PATENTED MOVEMENT

Movement dimensions	<ul style="list-style-type: none">• Diameter : 38.40 mm• Thickness : 12.15 mm
Number of parts	<ul style="list-style-type: none">• Complete movement : 385 parts• 2 Tourbillon cages : 128 parts• Weight of the two cages : 1.17 g
Number of jewels	<ul style="list-style-type: none">• 43• Olive-domed jewels in gold chatons
Power reserve	120 hours
Barrels	<ul style="list-style-type: none">• Four coaxial series-coupled fast-rotating barrels (1 turn in 3.2 hours), equipped with a slipping spring to avoid excess tension• Gold nickel-palladium finished 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	<ul style="list-style-type: none">• Phillips terminal curve• Geneva-style stud
Main Plates	Frosted nickel silver, polished bevelling, black chromed finish
Bridges	Frosted nickel silver, polished bevelling, nickel-palladium finish, gold nameplate bearing the watch number
Gearing	<ul style="list-style-type: none">• Involute circle profile• Conical gearing with corrected profile
Inner Tourbillon	Inclined at a 30° angle, 1 rotation per minute
Outer Tourbillon	<ul style="list-style-type: none">• 1 rotation in 4 minutes• Hand-bevelled and openworked cage pillars• Solid gold counterweight
Displays	<ul style="list-style-type: none">• Hours and minutes• Small seconds• 4-minute Outer Tourbillon rotation indicator• 120-hour power reserve on a sector

EXTERIOR

Case material and finishes	<ul style="list-style-type: none">• In 5N red gold, white gold or platinum with convex sapphire crystal• Transparent back with convex sapphire crystal• Raised polished engraving of the name of the Invention on a hand-punched background• Gold security screws• Nameplates with text screwed to the sides• Three-dimensional lugs secured with screws• Hand-engraved individual number
Case dimensions	<ul style="list-style-type: none">• Diameter : 47.50 mm• Thickness : 16.84 mm
Water resistance of the case	3 ATM - 30 M - 100 FT
Crown	Gold with engraved and black lacquered GF logo
Dial	<ul style="list-style-type: none">• Sapphire hour markers• Small seconds and power-reserve indicators in gold
Hands	<ul style="list-style-type: none">• Hours and minutes in gold• Small seconds, Power reserve (red triangles)• Sapphire 4-minute indicator
Strap	Hand-sewn black, brown, dark blue, grey or burgundy alligator leather with gold folding clasp, engraved with the Greubel Forsey logo