

GF  
GREUBEL FORSEY  
INVENTEURS HORLOGERS



INVENTION PIECE 3  
White gold case

# INVENTION PIECE 3

## MECHANICAL HAND-WOUND MOVEMENT, CALIBRE GF 01N

**Tourbillon 24 Secondes Incliné, hours and minutes display,  
Seconds display and power-reserve indicator.**

Unique series of 33 pieces

### PATENTED MOVEMENT

Movement dimensions	<ul style="list-style-type: none"><li>• Diameter : 36.40 mm</li><li>• Thickness : 11.51 mm</li></ul>
Number of parts	<ul style="list-style-type: none"><li>• Complete movement : 370 parts</li><li>• Tourbillon cage : 87 parts</li><li>• Weight of the cage : 0.39 g</li></ul>
Number of jewels	<ul style="list-style-type: none"><li>• 42</li><li>• Olive-domed jewels in gold chatons</li></ul>
Power reserve	72 hours
Barrels	Rapid rotating twin barrels (1 turn in 3.2 hours) equipped with a slipping spring to avoid excessive tension
Balance wheel	Variable-inertia with gold mean-time screws (10 mm diameter)
Frequency	21,600 vibrations/hour
Balance spring	<ul style="list-style-type: none"><li>• Phillips terminal curve</li><li>• Geneva-style stud</li></ul>
Main Plates	Nickel silver
Bridges	<ul style="list-style-type: none"><li>• Nickel silver</li><li>• "Message from the Inventor Watchmakers" relief engraved on gold plates</li></ul>
Gearing	<ul style="list-style-type: none"><li>• Involute circle profile</li><li>• Tangential inclined gear with profiled teeth, on fixed wheel and escape wheel pinion</li></ul>
Tourbillon cage	<ul style="list-style-type: none"><li>• Inclined at a 25° angle, 24-second rotation</li><li>• Cage pillars in Avional</li><li>• Titanium cage bridges</li><li>• Gold counterweight</li></ul>
Displays	<ul style="list-style-type: none"><li>• 24 hours</li><li>• Minutes</li><li>• Small seconds</li><li>• 72-hour power reserve on a sector</li></ul>

### EXTERIOR

Case	<ul style="list-style-type: none"><li>• In 5N red gold, white gold or platinum with asymmetrical convex sapphire crystal, 11 watches each</li><li>• Transparent back with asymmetrical convex sapphire crystal</li><li>• Lateral window with shaped sapphire crystal</li><li>• Raised polished engraving of the name of the Invention on a hand-punched background</li><li>• Gold security screws</li><li>• Polished bezel and centre band with hand-finished straight graining</li><li>• Hand-engraved individual number</li></ul>
Case dimensions	<ul style="list-style-type: none"><li>• Diameter : 43.50 mm</li><li>• Thickness : 16.06 mm</li></ul>
Water resistance of the case	3 ATM - 30 M - 100 FT
Crown	Gold with engraved and black lacquered GF logo
Hands	<ul style="list-style-type: none"><li>• Hours (red triangle) and minutes (blue triangle)</li><li>• Small seconds in flame-blued polished steel</li><li>• Power reserve (red triangle)</li></ul>
Strap	Hand-sewn black and brown alligator leather with gold folding clasp, engraved with the Greubel Forsey logo