

# FERDINAND BERTHOUD FB 1.4-2 CHRONOMETER

## TECHNICAL CHARACTERISTICS



### REF. FB 1.4-2

Titanium with silver dial  
20-piece limited and  
numbered edition

- CASE**
- Octagonal case in titanium (Grade 5) with titanium (Grade 2) lug elements
  - Total diameter ..... 44 mm
  - Thickness ..... 13 mm
  - Water resistance ..... 30 meters
  - Crown diameter ..... 9 mm
  - Numbered edition ..... 01/20 to 20/20
  - Dynamometric crown (uncoupling device) in titanium with black ceramic medallion
  - Mounting bolts in black DLC-coated titanium
  - Screw-in case-back with glareproofed sapphire crystal
  - Domed, arched and glareproofed sapphire crystal
- DIAL**
- Vertical straight-line-finished galvanized silver dial made of brass material
  - Hand-polished, nickel-plated bevels on centre and power reserve openings
  - Circular-brushed galvanized nickel and silver offset hours and minutes subdial, black Arabic numerals
  - Microblasted translucent grey sapphire seconds scale surrounding the dial
  - Power-reserve scale engraved on the main plate “0\_1/4\_1/2\_3/4\_1”
  - Degree of autonomy indicated by an arrow pointing to the French words “HAUT” (high) and “BAS” (low)
  - Inscription: “CHRONOMÈTRE VAL-DE-TRAVERS SUISSE”
- HANDS**
- Blue CVD-coated 18-carat gold openworked and faceted hours and minutes hands
  - Blue CVD-coated 18-carat gold power-reserve hand with arrowhead tip
  - Blue CVD-coated bronze central sweep-seconds hand
- STRAP AND BUCKLE**
- One-piece hand-sewn rolled-edge black alligator leather strap (115 x 75 mm, buckle 20 mm) / (Different sizes available on request)
  - Double-bladed adjustable-length safety folding clasp in titanium (Pin buckle available on request)

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**FUNCTIONS** • Hours, minutes, seconds and power reserve

**MOVEMENT**

Mechanical hand-wound .....	Calibre FB-T.FC-2
Diameter .....	35.50 mm
Thickness .....	7.96 mm
Lines .....	15 ¾
Jewels .....	46
Frequency .....	21,600 v/h (3 Hz)
Power Reserve .....	53 hours

### TECHNICAL CHARACTERISTICS

- Tourbillon with fusee-and-chain transmission (constant-force device)
- Suspended fusee with differential based winding device (PATENT PENDING)
- Suspended barrel with Maltese cross stop work device (PATENT PENDING)
- Suspended power reserve device with mobile cone (PATENT PENDING)
- Tourbillon with direct-drive seconds (PATENT PENDING)
- Variable-inertia balance-wheel integrating 2 balance weights sets (rhodium-plated nickel-silver material)
- Balance spring with hand-shaped Philips terminal curve (steel material)
- Swiss lever escapement
- 3 sapphire half-bridges supported by stylised titanium pillars
- Hand-finished to the highest standards

Parts .....	1120 (inc. the chain)
Chain .....	790 elements
Chain length .....	285 mm
Half-bridges .....	18
Pillars .....	6

#### Tourbillon

Rotation .....	1 /minute
Parts .....	67
Carriage .....	Ø 16.55 mm (titanium material)
Tourbillon carriage fixed by .....	three polished titanium pillars
Tourbillon carriage poised by .....	two blue CVD-coated 18-carat gold studs
Balance wheel .....	Ø 12 mm (copper-beryllium alloy)

**Officially chronometer-certified by the COSC**

### CHRONOMÉTRIE FERDINAND BERTHOUD SA

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