

FERDINAND BERTHOUD FB 1.4-1 CHRONOMETER

TECHNICAL CHARACTERISTICS



REF. FB 1.4-1

Titanium with black 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**
- Grained galvanized and lacquered black dial made of brass material
 - Hand-polished, galvanized black bevels on centre and power reserve openings
 - Matte, galvanized black offset hours and minutes subdial, white Arabic numerals
 - Microblasted translucent black 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**
- 18-carat white gold openworked and faceted hours and minutes hands
 - Blue CVD-coated 18-carat gold power-reserve hand with arrowhead tip
 - Rhodium-plated 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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