

CORUM



Golden Bridge

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Fashioning an all-ceramic watch case is a truly delicate exercise that involves injecting crystals into a mold at around 980-bar pressure. The first challenge involves ensuring that the material is uniformly spread so as to avoid any roughness in the resulting surface texture. The next step is a 30-second firing in a furnace heated to 160°C in order to harden the still porous material. This extremely tricky phase causes the ceramic to shrink by about one-third of its volume in order to reach its final 34 x 51 mm size. The daunting task calls for complete mastery of the firing time, since a few seconds too many could entail excessive shrinkage that would make the case too small to accommodate the caliber.

The ceramic Golden Bridge is a high-precision achievement instilled with an ethereally light aesthetic. The slender silhouette of the eye-catching baguette movement stretches elegantly along the length of the tonneau-shaped case. This mechanism first created in 1980 quickly established itself as a Swiss watch industry icon masterfully meeting the energy transmission challenge implied by its extraordinary vertical-axis construction. The impeccably pure ceramic Golden Bridge even lines up the crown at 6 o'clock as if to form an extension of its hand-wound CO 113 movement. Its slipping-spring winding system avoids forcing the mechanism, while a specific coupling clutch has been developed to separate winding from time-setting by means of an ingenious architecture in which the wheels and pinions are mounted between the mainplate and the bridge. Rather than a classic index- or regulator-type system, the caliber is equipped with a variable-inertia balance guaranteeing excellent long-term accuracy. Beating at the frequency of 4 Hz (28,800 vibrations per hour) and endowed with a 40-hour power reserve, the movement features two pillars visible on the bridges and ensuring enhanced resistance and rigidity – and thus greater precision.

Perfectly staged within its black ceramic case framed by four sapphire crystals forming the upper glass, back and sides, the baguette movement invites observers to enjoy a 360° immersion into the magic of its linear mechanism, at the heart of a captivating play on transparency. The 5N 18K red gold upper bridge bears the hand-engraved Corum signature, surrounded by a slender scrolling motif depicting the three types of fern that grown in the forests of La Chaux-de-Fonds, the region where the Golden Bridge sprang to life. The red gold mainplate is also adorned with delicate hand engravings embodying the finest watchmaking traditions. Standing out against the movement, the openworked baton-type hands appear to revel in the absence of a dial in order to accentuate the transparency of this model, while an elegant alligator leather strap fitted with a black PVD-coated pin buckle sets the ideal finishing touch.

The exquisitely airy, light and transparent ceramic Golden Bridge is a truly fascinating and enthralling sight.

TECHNICAL SPECIFICATIONS

MOVEMENT

CO 113 - Manual winding
 40 hours power-reserve
 Functions: Hour, minute
 Frequency: 4 Hz, 28'800 vph
 Dimension: 14 ¾" X 5"
 Bridges and plate in 5N 18kt red gold

CASE

Tonneau-shaped
 Dimension: 34.00 x 51.00mm
 Material: Black ceramic
 Crown material: 5N 18kt red gold
 Open back cover titanium grade 5 with black PVD treatment and with glare proof sapphire crystal
 Water-resistance: 30 meters

BRACELET

Material: Black crocodile leather strap
 Tongue buckle in stainless steel with black PVD treatment