T50 GBDR

The diving watch with Captive Safety Bezel made of Goldbronze.

- Winner of the iF Design Award 2024
- Case made of high-strength titanium, bead-blasted
- Bezel made of Goldbronze 125, bead-blasted
- Tested based on European diving equipment standards and certified by an independent institute
- Water-resistant and pressure-resistant to 50 bar (= 500 m water depth), certified by an independent institute
- Captive Safety Diver´s Bezel with guard to prevent accidental misadjustment
- Colour-differentiated luminous paint for minute hand, second hand and key mark on the bezel for clear reading of set time
- Crown at 4 o’clock to prevent pressure on the back of the hand
- Ar-Dehumidifying Technology enhances functional reliability and freedom from fogging
- Sapphire crystal glass
- Low pressure resistant

Developing and using “unconventional” case materials for watchmaking is one of our core competencies. It is deeply rooted in our company’s historical DNA and has produced a number of astonishing timepieces in the past. The T50 GBDR edition is another impressive demonstration of our extensive expertise in the field of metallurgy.

For the diver’s bezel of this interesting timepiece, we are using a bronze alloy we developed, which is patented. This alloy, referred to as Goldbronze 125, has an exceptionally high degree of purity, and one eighth of it is gold. With bronze, we are embracing a material that has been used frequently in a wide range of maritime applications in the past. However, the exceptionally high degree of purity of our Goldbronze 125 results in improved skin compatibility and increased corrosion resistance to seawater compared to conventional bronze alloys. Material-technically matching this, the case of the T50 GBDR is made of high-strength titanium. As this metal does not cause allergies, the watch provides exceptionally high wearing comfort overall. Goldbronze 125 continues to develop a darkening of the surface due to oxidation, also known as a patina. However, the alloy achieves a higher degree of inertness in the face of environmental influences than ordinary bronze (CuSn8) because it has gold as a component. If desired, the mentioned darkening of the surface can be removed with a gold bronze cleaning cloth provided that the oxidation is minimal enough.

A concept tailored for operational safety ensures that nothing goes wrong when diving. This can be seen, for example, in the robust diver’s bezel. It is an extremely reliable tool for timekeeping, as it is captively attached to the case. It is also protected against accidental twisting. “Press first, then turn”: this is the memorable principle behind the simple yet effective anti-twist mechanism. When things get tough, Ar-Dehumidifying Technology ensures greater functional reliability and freedom from fogging.

The captive safety diver’s bezel made of Goldbronze 125 harmonises perfectly with the matte black dial – an interplay that skilfully contrasts with the more objective-technical appearance of the bead-blasted, high-strength titanium case. All this does not come at the expense of clear readability and measurability – because the display has been reduced to the bare essentials. Important design features of this concept are strikingly large sword hands and the visual understatement of all functions and printing on the dial and safety bezel that are not relevant to the actual dive. The timepiece also uses colour-coding to ensure reliable reading of reference times, especially in the dark or under adverse visibility conditions. The hour hands and indices on the dial glow green, while the minute and second hands and the main marking on the rotating bezel are bluish. As the crown is located at 4 o’clock, it prevents pressure on the back of the hand, even during physically demanding activities.

With its diameter of 41 mm, the T50 GBDR model cuts a wearable figure in any situation - especially on narrow wrists.

Technical details

Mechanical Movement

- *The information on the mechanical movement corresponds to the current production situation in Frankfurt am Main. Due to technical changes, it may happen in individual cases that stock items of our sales partners deviate from this information.* (further Information)

- SW 300-1
- Self-winding mechanism
- 25 bearing jewels
- 28,800 semi-oscillations per hour
- Seconds stop function
- Anti-magnetic as per DIN 8309

Case

- Case made of high-strength titanium, bead-blasted
- Bezel made of Goldbronze 125, bead-blasted
- Sapphire crystal glass in front, anti-reflective on both sides
- Case back screw-fastened
- Crown screwable
- Meet the technical requirements for water-resistance, as set out in standard DIN 8310
- Water-resistant and pressure-resistant to 500 m diving depth (= 50 bar), certified by an independent institute
- According to the technical demands for the diving norm DIN 8306
- Tested based on European diving equipment standards EN 250 and EN14143, certified by an independent institute
- Low pressure resistant

Functions

- Hours, minutes, seconds
- Date display
- Diver's bezel with minute ratcheting and luminous key mark
- Colour-differentiated luminous paint for minute hand, second hand and key mark on the rotating bezel for clear reading of set time

SINN Technologies

- Captive safety bezel
- Ar-Dehumidifying Technology enhances functional reliability and freedom from fogging

Dimensions and Weight

- Case diameter: 41 mm
- Band lug width: 20 mm
- Case thickness: 12.3 mm
- Weight without strap: 58 gramme

Dial and Hands

- Matte black dial
- Indices coated with luminescent colour
- Hour, minute and second hand coated with luminescent colour

Warranty

- 3 years

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