



# TUDOR RANGER

**To mark the 70<sup>th</sup> anniversary of the British North Greenland Expedition, TUDOR is presenting the Ranger model, a tool watch celebrating the spirit of this daring adventure, complete with *Manufacture Calibre MT5402*, a 39-millimetre case and a clasp with rapid adjustment system.**

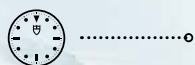
It was on 8th July 1952, that the British North Greenland Expedition left Deptford, an area on the banks of the Thames in London, for a two-year scientific mission studying ice sheets in Greenland. Equipped with the brand-new Oyster Prince model, TUDOR's first watch that was both automatic and waterproof, the members of the expedition, mainly British scientists and sailors, conducted in-depth glaciological and seismic surveys at several sites. TUDOR also asked them to gather performance data for the 30 Oyster Prince watches that would be worn under extreme conditions. It is the adventurous spirit of these pioneers of arctic exploration that the latest addition to the Ranger line celebrates, offering an affordable combination of state-of-the-art watchmaking technology and historic aesthetics.







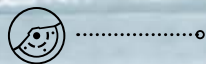
**Grained, matt black domed dial**  
featuring hour markers painted with grade A Swiss Super-LumiNova® luminescent material



**“Ranger” hands,**  
with grade A Swiss Super-LumiNova® luminescent material



**Manufacture Calibre MT5402,**  
certified by the Swiss Official Chronometer Testing Institute (COSC),  
with a silicon balance spring  
and a 70-hour power reserve



**Satin-brushed case**  
in 316L steel, 39 mm in diameter,  
with a fixed bezel in 316L steel



**Three bracelet options:**  
olive-green Jacquard fabric  
with red and beige stripes,  
hybrid rubber and leather or  
316L steel with TUDOR “T-fit”  
rapid-adjustment clasp



Five-year transferable guarantee with no registration or periodic maintenance checks required



# THE RANGER SAGA

The history of the Ranger name dates back much further than the British North Greenland Expedition. Although the TUDOR watches used by its members from 1952 to 1954 never bore this inscription on their dials, subsequent Ranger models have perpetuated the concept of the expedition watch born at TUDOR during this time. That of a robust, practical, and affordable instrument.





The origins of the TUDOR Ranger family date back to 1929. This was the year when Hans Wilsdorf registered the “Ranger” name, just three years after registering the “The TUDOR” trademark. At the time, the name was not used to indicate the model specifically, but instead to add an adventurous aspect to certain watches in the TUDOR collection. The aesthetics that we now recognise as the Ranger didn’t appear until the 1960s, with its large Arabic numerals, generously coated with luminescent material at 3 (for models without the date), 6, 9, and 12 o’clock, as well as its uniquely designed hands.


Bureau Fédéral de la Propriété Intellectuelle

## Attestation de l'enregistrement de la marque suisse N° 71101

Le Bureau soussigné atteste qu'il a enregistré dans le registre suisse des marques  
la marque dont la publication est reproduite ci-dessous :

N° 71101. — Date de dépôt: 21 octobre 1929, 18½ h.  
Hans Wilsdorf, fabrication,  
Genève (Suisse).  
Montres et parties de montres.

# RANGER



Mandataire: *A. Bugnion, Genève.*

Date de la publication : Feuille Officielle Suisse du Commerce  
N° 265, du 12 Nov. 1929  
Berne, le 15 Nov. 1929

Bureau Fédéral  
de la Propriété Intellectuelle,  
Le Directeur : *Knafl*

La protection résultant de l'enregistrement dure 20 ans. Elle est complétée : pour l'enregistrement d'une  
marque nouvelle, à partir du jour du dépôt de la marque : pour le renouvellement d'un enregistrement, à  
partir de la date indiquée dans la publication du renouvellement.  
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registrement pour une période de même durée. Si le renouvellement n'est pas demandé dans les six mois à compter  
de l'échéance de la période de protection antérieure, l'enregistrement est radié et la marque ne peut être  
déposée que comme marque nouvelle.

12000

Offered in a number of variations over the course of its history, examples existed with and without the date, with automatic or manual winding and initially with the TUDOR rose logo followed by the shield on its dial. As early as 1973, a version of the Ranger was made with an integrated bracelet under the name “Ranger II”.



1943



1965



1969



1973



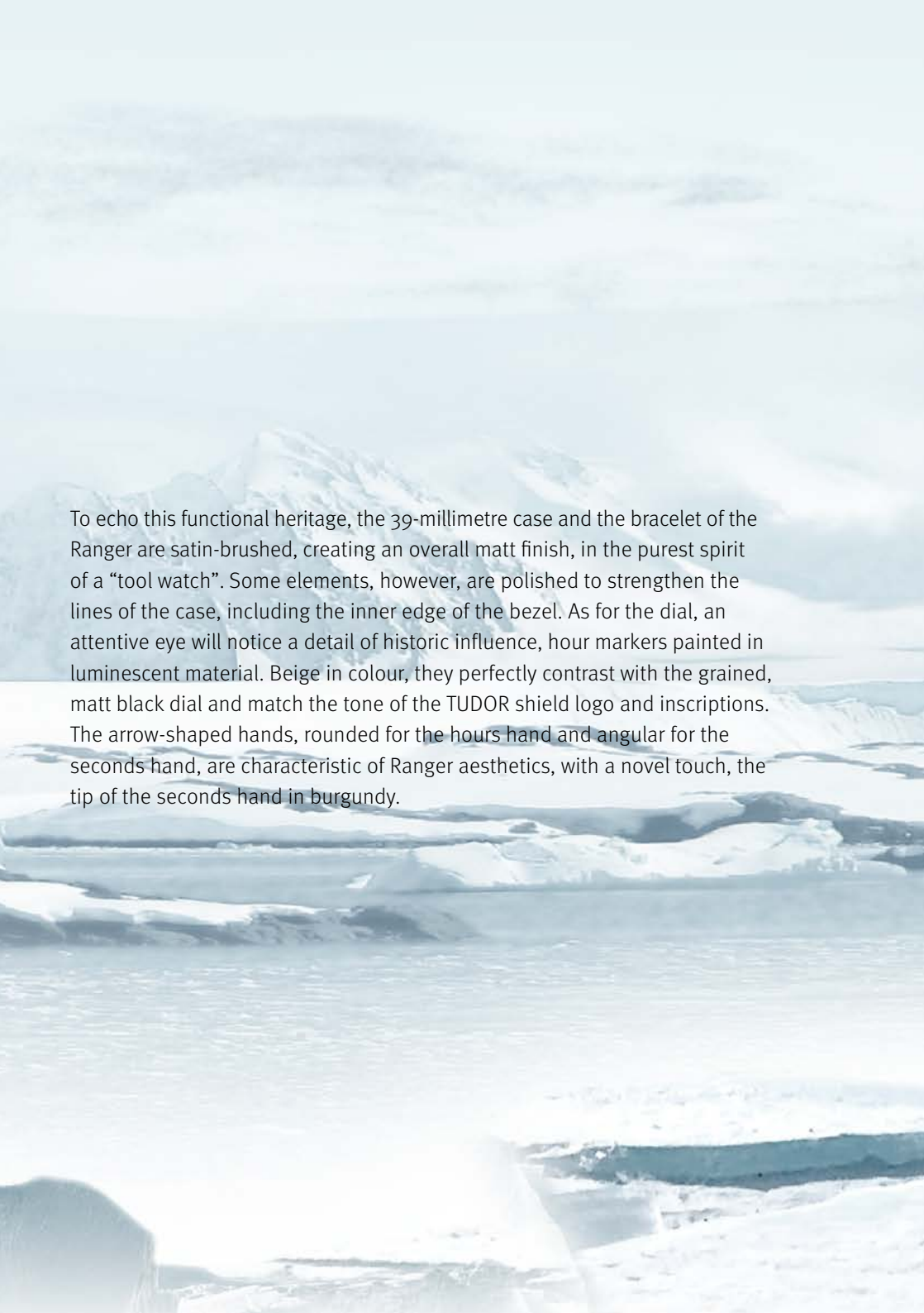


## THE SPIRIT OF A TOOL WATCH

The new Ranger model respects the aesthetic standards established in the course of its history, especially its dial with Arabic numerals at 3, 6, 9 and 12 o'clock, whilst incorporating new state-of-the-art technical elements, in particular a high-performance *Manufacture* Calibre and a TUDOR "T-fit" clasp with rapid adjustment system. It continues, within the TUDOR collection, the tradition of the expedition watch, born with the Oyster Prince watches used by the members of the British North Greenland Expedition. The tradition of a robust, practical, and affordable instrument.







To echo this functional heritage, the 39-millimetre case and the bracelet of the Ranger are satin-brushed, creating an overall matt finish, in the purest spirit of a “tool watch”. Some elements, however, are polished to strengthen the lines of the case, including the inner edge of the bezel. As for the dial, an attentive eye will notice a detail of historic influence, hour markers painted in luminescent material. Beige in colour, they perfectly contrast with the grained, matt black dial and match the tone of the TUDOR shield logo and inscriptions. The arrow-shaped hands, rounded for the hours hand and angular for the seconds hand, are characteristic of Ranger aesthetics, with a novel touch, the tip of the seconds hand in burgundy.





# **MANUFACTURE**

## CALIBRE MT5402

The Ranger model is equipped with *Manufacture* Calibre MT5402. Its construction has been designed to ensure robustness, longevity, reliability and precision due to its variable-inertia balance, which is held in place by a sturdy traversing bridge with two points of fixation. Thanks to this balance and the non-magnetic silicon balance spring, the *Manufacture* Calibre MT5402 has been certified as a chronometer by the Official Swiss Chronometer Testing Institute (COSC), with its performance going beyond the standards set by this independent institute. In fact, where COSC allows an average variation in the daily running of a watch of between -4 and +6 seconds in relation to absolute time in a single movement, TUDOR insists on between -2 and +4 seconds' variation in its running when it is completely assembled.

Another notable feature is that the power reserve of the *Manufacture* Calibre MT5402 is "weekend-proof"; that is to say about 70 hours, which enables the wearer to take the watch off on a Friday evening and put it back on again on Monday morning without having to wind it.







## JACQUARD, STEEL OR HYBRID BRACELET

The fabric strap is one of the hallmarks of TUDOR, who, in 2010, became one of the first watchmaking brands to offer it with its products. Woven using a traditional method on 19th-century Jacquard looms by the Julien Faure company in the St-Étienne region of France, its manufacturing quality and comfort on the wrist are unique. In 2020, TUDOR celebrated ten years of collaboration with the hundred-and-fifty-year-old Julien Faure company. The partnership began with the launch of the Heritage Chrono, the first model fitted with a fabric strap created by the craftsmen, at Baselworld 2010.

For the Ranger model, TUDOR chose an olive-green bracelet with two red stripes and one beige stripe woven by the craftsmen.

The Ranger is also offered with an entirely satin-brushed steel bracelet, with the TUDOR “T-fit” clasp equipped with a system for rapid length adjustment. Easy to use, requiring no tools and offering five positions, this practical system allows wearers of the TUDOR Ranger to carry out a fine, instant adjustment of the total length of the bracelet along an adjustment window of 8 mm.

Finally, a third bracelet option is offered, in natural rubber and fabric-like textured black leather, with beige topstitching and a folding clasp.



# FIELD TESTING

The British North Greenland Expedition represented a seminal moment for TUDOR and its tool watches. In fact, this was one of the very first long-term tests, under real-world extreme conditions, implemented by the brand. The members of the expedition monitored variations in the precision of their Oyster Prince watches compared to the hourly signals emitted by the BBC, and recorded them in notebooks specifically provided for this purpose. In light of the expected temperatures, the TUDOR watches sent for this project were specially lubricated with “arctic” oil and provided with bracelet extensions so the watches could be worn over the sleeves of the parkas. Upon returning from Greenland, one of the members of the expedition wrote in a letter to TUDOR, which has been preserved in the brand’s archives, that his watch “maintained remarkable precision” and that “at no time did it need to be rewound by hand”.





# The Tudor Oyster Prince roughs it in Greenland

TO the snowy wastes of this ice-capped glacial island journeyed the British North Greenland Expedition, equipped with 26 Tudor Oyster Princes to keep accurate time for them. That was in July of this year.

During the next two years, these wrist-watches will undergo every ordeal a watch is heir to. They will have to withstand temperatures of 90 degrees below zero; climb 9,000 feet in the rarefied atmosphere; suffer 100 miles an hour blizzards; live underground in tunnels of snow!

Yet the courageous men who wear these Tudor Oyster Princes have unerring faith in their ability to withstand these tremendous

hazards. They have faith in the famous Oyster case, which prevents any moisture, dust—or even air—from entering and harming the delicate movement; in the Perpetual self-winding “rotor,” which keeps the watch wound automatically, day and night; and, most of all, they have infinite faith in the brilliant craftsmanship of the Swiss watchmakers, who make the Tudor Oyster Prince.

You, too, can be sure, when you buy a Tudor Oyster Prince, that you are buying the finest Swiss watch in its field, a wrist-watch that will serve you faithfully and well for many a long year.

*The Tudor Oyster Prince, water-proofed by the famous Oyster case, automatically wound by the unique Perpetual self-winding “rotor,” marks a revolutionary advance in the medium-priced field. This superb wrist-watch possesses all the essential features of an expensive watch, yet is not extravagantly priced. The same watch that is keeping time for the British North Greenland Expedition can measure the hours for you, too.*



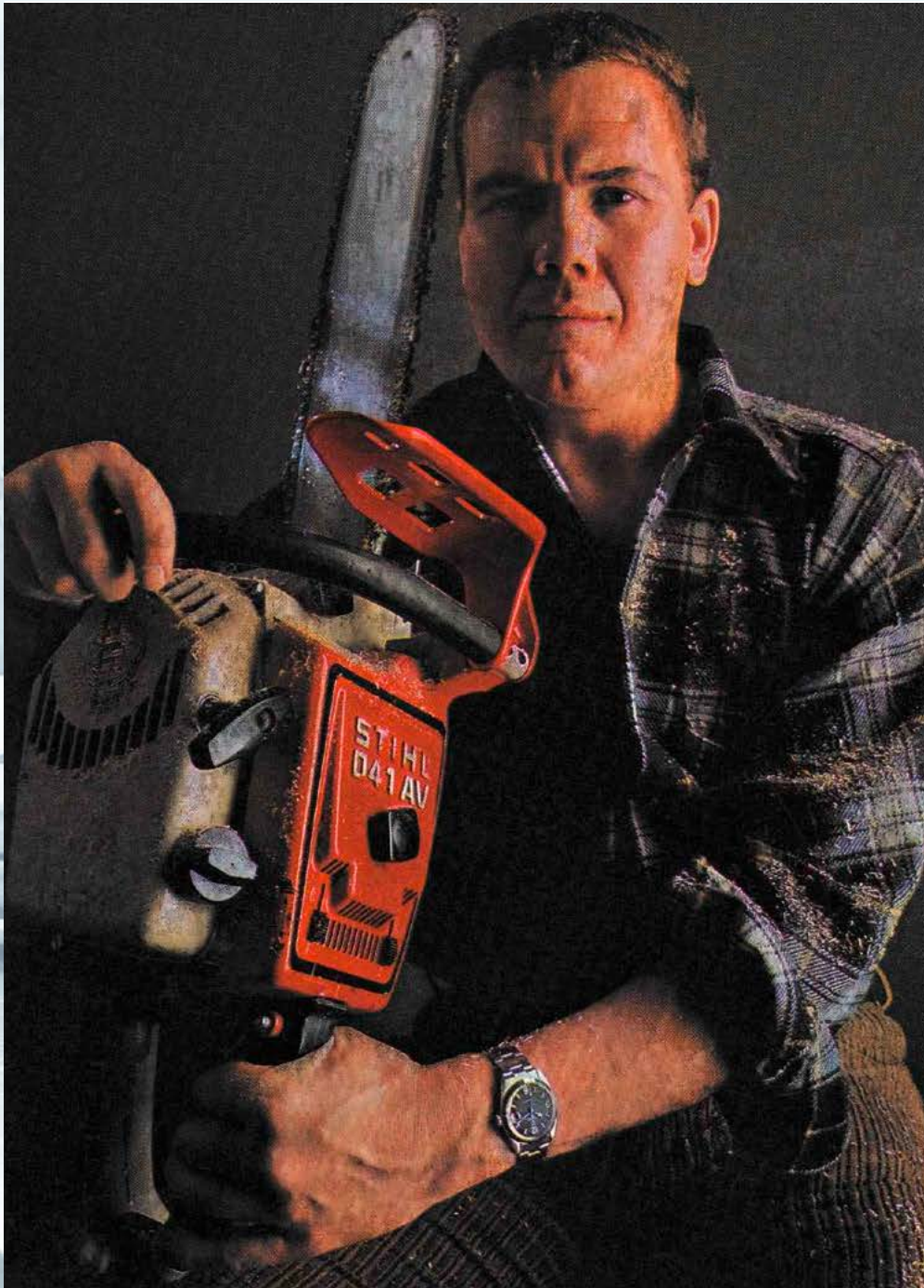
THE TUDOR WATCH COMPANY LIMITED, GENEVA, SWITZERLAND

1668 K&C Rolex Tudor 61x31  
Weekly Overseas Mail 18 Oct., 1952

Final Proof K8962

This approach to testing, termed “Trial of destruction”, where the watch is evaluated in the field by professionals under extreme conditions, gave the theme of TUDOR’s first large-scale advertising campaign launched in 1952. Such testing steered the development of a number of the brand’s tool watches. This notion of robustness remained at the heart of the TUDOR philosophy as evidenced in particular by its messaging over the following decades, always focused on technical performance under difficult conditions rather than on questions of prestige or status. At the beginning of the 1970s for example, in a TUDOR catalogue, the Ranger model was presented on the wrist of a lumberjack who “chose his watch as carefully as he chose his chainsaw”.





**PIERRE GROSJEAN,  
LUMBERJACK,  
CHOSE HIS WATCH AS  
CAREFULLY AS HE CHOSE  
HIS CHAINSAW.**



7966

**THE WATCH.**

*Ranger:* Rotor self-winding.  
Guaranteed to 165 ft. (50 metres)  
under water.

**THE CHAINSAW.**

The Stihl 041AV, a lightweight  
(16 lb.) chainsaw for medium-  
sized timber, with three unique,  
strategically positioned shock  
absorbers which facilitate work  
over long periods without dis-  
comfort to arms and back.





# THE TUDOR GUARANTEE

Since its creation by Hans Wilsdorf in 1926, and in line with his vision of an ideal watchmaking product, TUDOR has never stopped producing the most robust, durable, reliable and precise watches in existence today. Bolstered by this experience and confident in the superior quality of its watches, especially those tested on the ice fields of Greenland, TUDOR offers a five-year guarantee for its entire collection. This guarantee does not require the watch to be registered or submitted for periodic checks and is transferable.





## TUDOR RANGER

REFERENCE 79950

### CASE

39 mm steel case, satin finish

### BEZEL

Smooth satin-brushed steel

### WINDING CROWN

Steel screw-down crown with the TUDOR rose in relief

### DIAL

Black, domed

### CRYSTAL

Domed sapphire crystal

### WATERPROOFNESS

Waterproof to 100 m (330 ft)

### BRACELET

Steel bracelet with three links and a folding clasp with the TUDOR "T-fit" safety catch, hybrid rubber and leather bracelet with folding clasp and steel safety catch or green fabric bracelet with red and beige stripes and buckle

## MOVEMENT

### CALIBRE

Manufacture Calibre MT5402

Self-winding mechanical movement with bidirectional rotor system

### PRECISION

Swiss chronometer certified by COSC (Swiss Official Chronometer Testing Institute)

### FUNCTIONS

Hour, minutes and seconds hands at the centre

Stop-seconds for precise time setting

### OSCILLATOR

Variable inertia balance, micro-adjustment screw

Non-magnetic silicon balance spring

Frequency: 28,800 beats/hour (4 Hz)

### TOTAL DIAMETER

26 mm

### THICKNESS

5 mm

### JEWELS

27 jewels

### POWER RESERVE

Approximately 70 hours



# TUDOR



Swiss price  
(VAT incl.)  
CHF 2'900.-



Swiss price  
(VAT incl.)  
CHF 2'600.-



Swiss price  
(VAT incl.)  
CHF 2'600.-





<https://tudor.watch/Pressroom>

