

MORITZ GROSSMANN
GLASHÜTTE I/SA



SCHÖNSTES DEUTSCHES HANDWERK

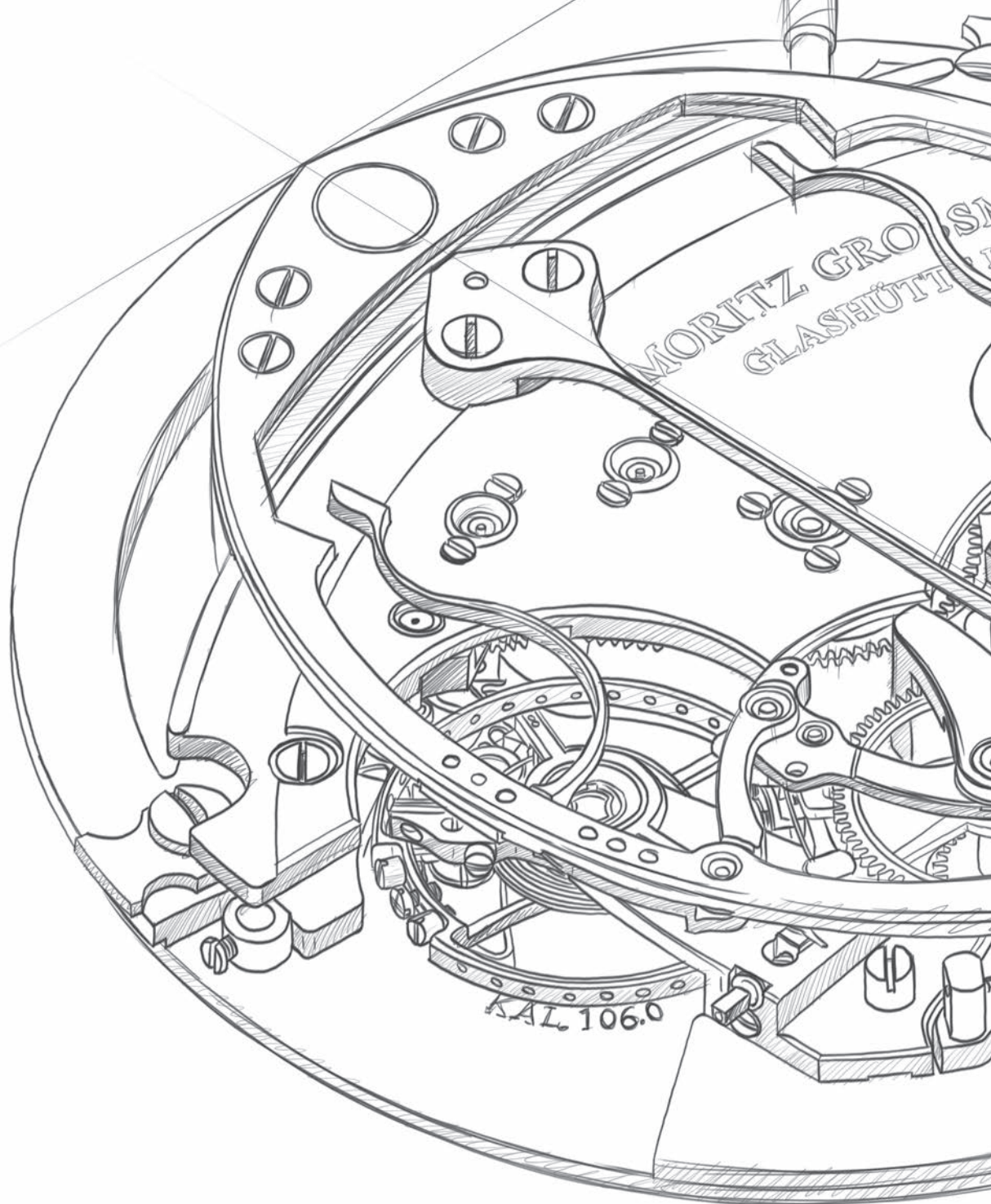


COLLECTION

SCHÖNSTES DEUTSCHES HANDWERK

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PREFACE

Welcome to Glashütte, the cradle of German watchmaking artistry and, since 2008, once again home to a great name: Moritz Grossmann. His lifetime in Glashütte lasted from 1854 until 1885. Here, the gifted horologist, technician, inventor, and cosmopolitan became an entrepreneur and co-founded the watchmaking industry in Glashütte.

In the 19th century, Moritz Grossmann already developed remarkably farsighted ideas. For us, his vision of a simple but mechanically perfect watch has lost none of its fascination. More than one hundred years later, this pioneer keeps inspiring us to rediscover and breathe new life into his rich heritage.

The rebirth of Moritz Grossmann as a brand begins in 2008 with the foundation of our manufactory, in his tradition. No machine can ever accomplish the precision and artisanship of true hand craftsmanship. Keeping this in mind, we entrust each work step into the hands of our specialists: from construction drawings to production of the hands, to finissage and decoration of each part of the watch movement, lastly, final assembly.

By reinterpreting traditional craftsmanship with modern resources, we make Moritz Grossmann's vision contemporary. Within a short period of time, we have revived Moritz Grossmann's legendary pioneering spirit by emphasizing precise functionality and unique serviceability in our work.

The MORITZ GROSSMANN GLASHÜTTE I/SA brand stands today for „Schönstes deutsches Handwerk“.

We trust you enjoy browsing the following pages. By offering you exciting insights into our work, we hope to arouse your enthusiasm for Moritz Grossmann's watchmaking artistry just like it inspires us afresh each and every day.

Cordially, Yours

A stylized, handwritten signature in black ink, appearing to read 'Christine Hutter'.

Christine Hutter



Painting Moritz Grossmann - Source: German Watch Museum Glashütte

MORITZ GROSSMANN

"The tall, upright man with the measured posture and calm words, with keen eyes and greying hair, was a personality that attracted attention everywhere with sheer physical and mental presence: the uncrowned king of Glashütte." This is how former Grossmann student Michael Loeske remembered the watchmaker after whom our manufacture was named. He lived from 1826 to 1885 mostly in the Saxon town of Glashütte, where he created many pocket watches, various chronometers, and several precision pendulum clocks that are coveted objects of desire at international auctions today.

Grossmann is an individual who devoted his entire life to horology and therefore deserves to be rediscovered.

In the "Glashütte windowsill industry", as the local watchmaking trade was then referred to on account of the light-flooded workplaces, Moritz Grossmann ranked among the historically most eminent representatives of his guild. Nonetheless, despite his influence and his great accomplishments, Grossmann virtually sank into oblivion in the course of the past century. Indeed, he is one of only two founders of production units in Glashütte whose names still adorn the faces of exquisite mechanical timepieces. He was a great simplifier and nothing short of a perfectionist, as evidenced by his vision of a simple but mechanically perfect watch. And Grossmann left his mark outside the atelier also, for instance as an award-winning technical writer and co-founder of the historically significant German School of Watchmaking in 1878.

HISTORY



German watchmaking school (1905) - Source: German Watch Museum Glashütte

After the sudden death of Glashütte's visionary watchmaker Moritz Grossmann in 1885, his name almost completely disappears from the realm of fine watches until, under fortuitous circumstances, Christine Hutter discovers his lifework. The sleek perfection of his watches and the progressive spirit of his scientific publications fascinate her. She secures the rights to the name of the eminent horological pioneer. At the same time, she drafts a plan to transpose the heritage of Moritz Grossmann to the present with a new manufactory for contemporary wristwatches of superb quality, thus melding classic horological values with the expectations and capabilities of haute horlogerie in the 21st century.



Moritz Grossmann Lever Chronometer,
Movement No. 5306, 1882

This plan coalesces in 2008 with the incorporation of Grossmann Uhren GmbH, bringing the name Grossmann back to Glashütte. From the first sketch to the finished product, a Moritz Grossmann watch is a jointly created fusion of the arts that thrives on the special abilities of each individual staff member. The path describes the creation of a superior, mechanically superb watch collection. It relies on traditional craftsmanship and revisits some of the key characteristics of historic Glashütte pocket chronometers. At the same time, each watch incorporates a number of totally new components, such as the Grossmann balance or the Grossmann winder with pusher. These innovations clearly position the collection in the present.

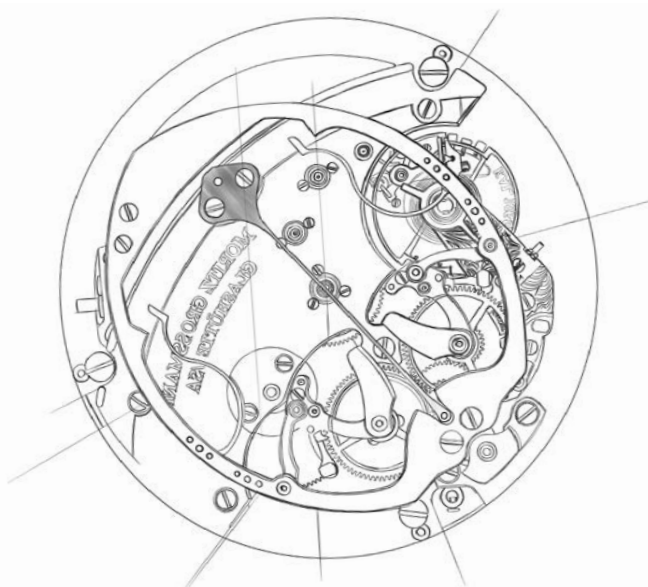
THE MANUFACTORY



Building Overall Concept/ Architecture Dipl.-Ing. Architekt Rüdiger Flender, Potsdam

IDEA/ TECHNIQUE AND PROTOTYPING

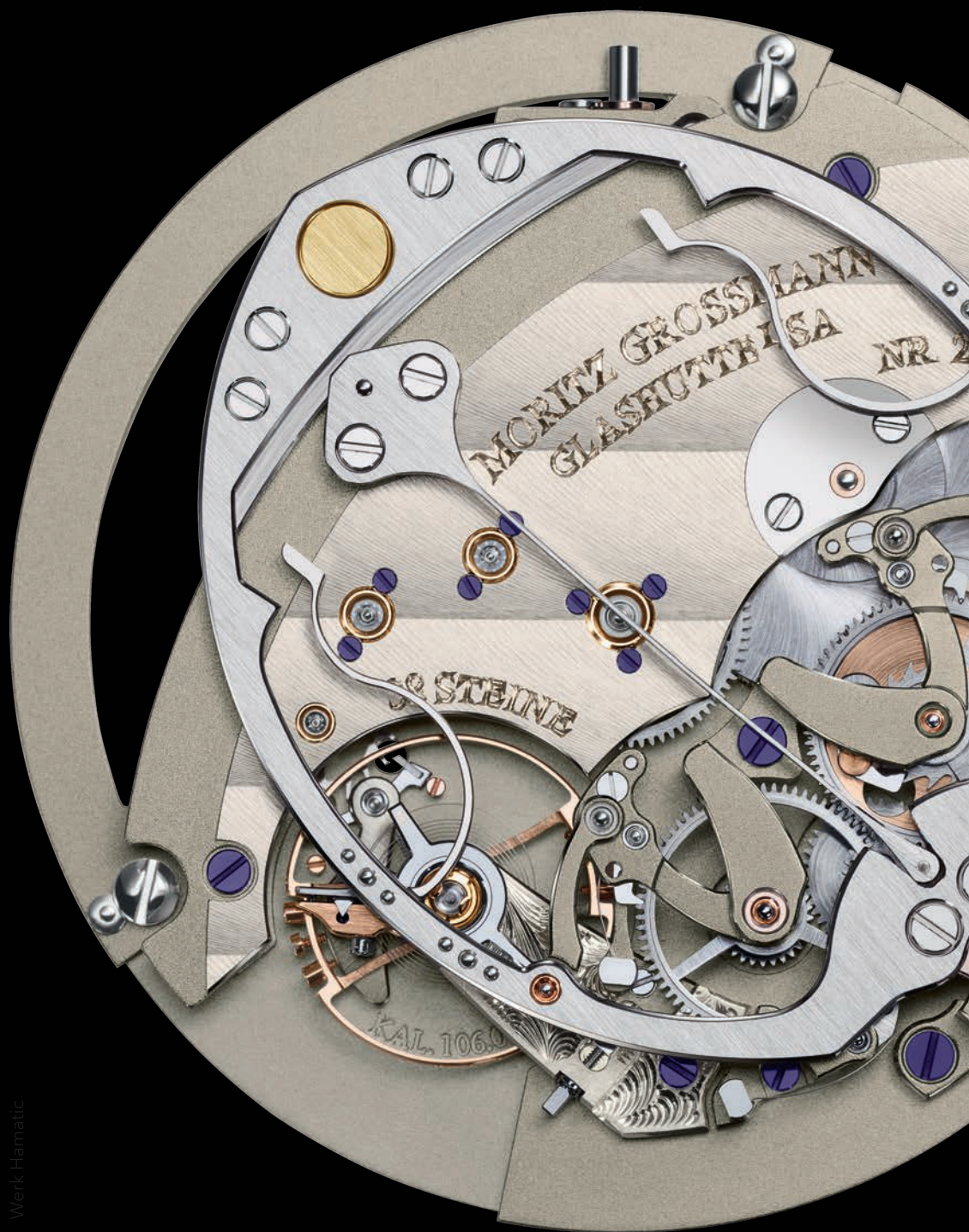
A wheel train is powered by a spring and its force is divided into small uniform portions of energy by an oscillator. Even though the function of a mechanical timepiece can be reduced to this simple sequence of events at a pragmatic level, the development of every watch is preceded by a new idea that describes how the mechanism can be perfected.



Construction drawing Hamatic

The process raises a number of conceptual questions: How can the technical challenges and requirements be mastered? How can historic and modern expectations be meaningfully amalgamated and implemented? How can technical solutions be paired with a commensurate design? These multi-faceted considerations show why, at Moritz Grossmann, the expertise and know-how of experienced watchmakers are essential assets from the very beginning, when the first ideas are sketched out en route to the development of a new watch.

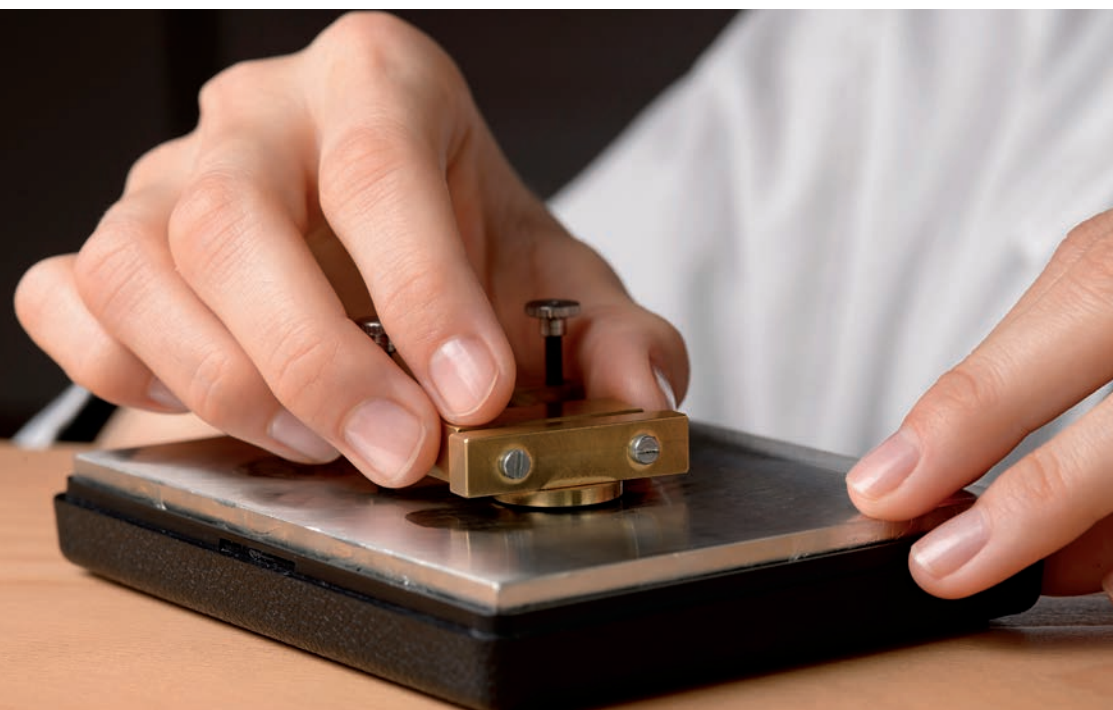
Computer-aided three-dimensional design programs help calibre engineers visualise their thoughts. They allow typical horological design methods to be applied and precisely refined in the interest of optimised functionality. The first prototypes are crafted by hand to verify and optimise the interaction of the individual components. Thus, the movement evolves in a constant dialogue with the engineers, the prototype makers, the finisseurs, and the assemblers. The result is a first small series.



FINISHING TECHNIQUES AND GROSSMANN HALLMARKS

True craftsmanship at Grossmann includes immaculate finissage and decoration of the individual parts of a watch. Many meticulous processes subsumed under the term 'finish' turn a perfectly functioning watch into a visually mesmerising work of art.

Whether inspired by historic role models or developed on the basis of totally new ideas, special hallmarks characterise Moritz Grossmann watches and constitute unmistakable signature elements of the brand.



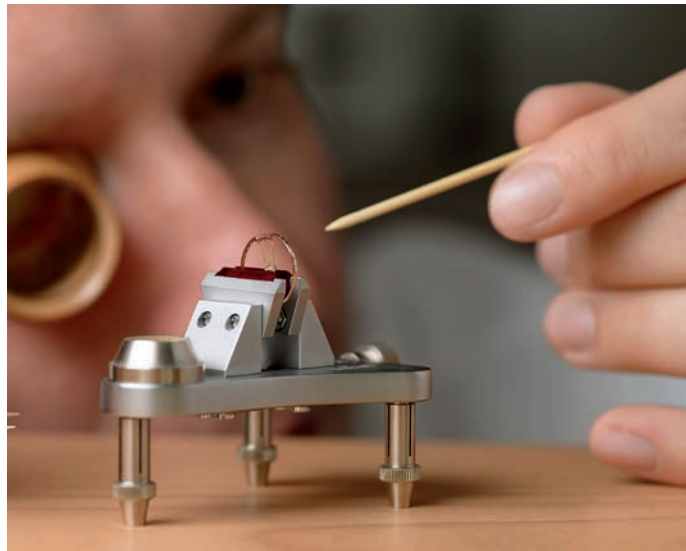
THE CHAMFERING



Rotating wooden wheels or hand polishing tools are used to chamfer all parts, even those that are ultimately hidden in the depths of the movement, to a 45-degree angle. The chamfers are then polished in several consecutive passes. The gleaming bevels created this way highlight the distinctive structure of the individual components. Highly skilled craftsmanship and a great sense of proportion is required to master the exact and even application of each chamfer.

THE BALANCE

Before it is finished, the balance is trued and, if necessary, tweaked by broaching the boreholes in the rim. The rim's edges are chamfered in the finissage phase. Then, all surfaces and chamfers are flawlessly polished. The balance's arms are decorated with perlage. All remaining attachments are only added after the finishing process, which requires the greatest of care.



CANTILEVERED BALANCE COCK WITH GROSSMANN MICROMETER SCREW



The cantilevered balance cock pays tribute to Moritz Grossmann's pocket watches and features an unusual micrometer screw. The index pointer allows the active length of the balance spring and thus the rate accuracy of the watch to be adjusted.

THE BALANCE COCK

The cantilevered balance cock unites several finissage techniques. It owes its bright sparkle to the uniformly applied peripheral chamfer. The step of this part is beautifully chamfered as well. Its style is underscored by the square head of the micrometer screw. Together with the hand-engraved pattern, this prominent part gradually assembles to show its full appeal.



HAND ENGRAVING, GERMAN SILVER AND 2/3-PLATE

The uppercase brand name hand-engraved in the 2/3 plate, its straight cut, and the milled circular cutout for the balance are prominent marks of distinction. Untreated German silver is used for the plate and cocks. As a hallmark of superior quality, the engravings on the escape-wheel cock, the balance cock, and the 2/3 plate are all carved by hand.



RAISED GOLD CHATONS



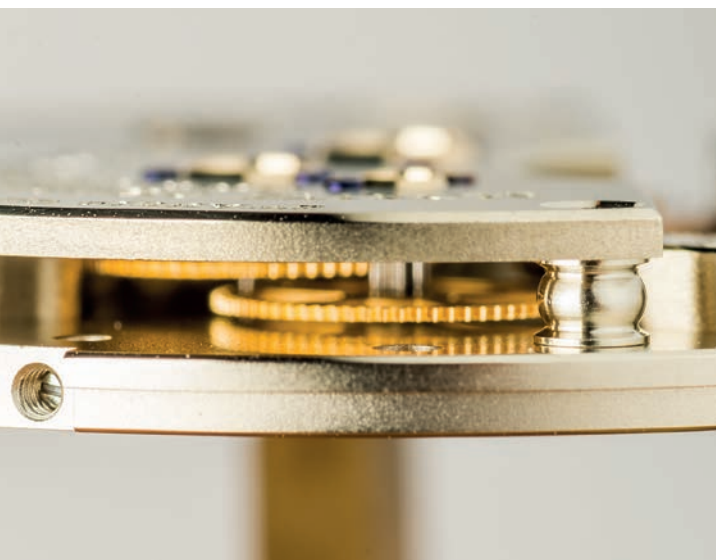
The raised gold chatons that hold white sapphire bearing jewels and the brown-violet annealed pan-head screws add depth to the calibre.

3-BAND SNAILING

The three-band snailing is a special form of surface decoration and creates a three-dimensional appearance and distinctive look of the ratchet wheel. This historic visual effect is recreated using a newly developed production method.



PILLAR MOVEMENT



Conventional bridges are replaced by a classic pillar movement consisting of a main plate and the 2/3 plate, offering better accessibility to the components from the side. This design also facilitates the adjustment of the wheels' endshake. The elegantly curved pillars are reminiscent of historic Glashütte pocket watches.

HANDS PRODUCTION

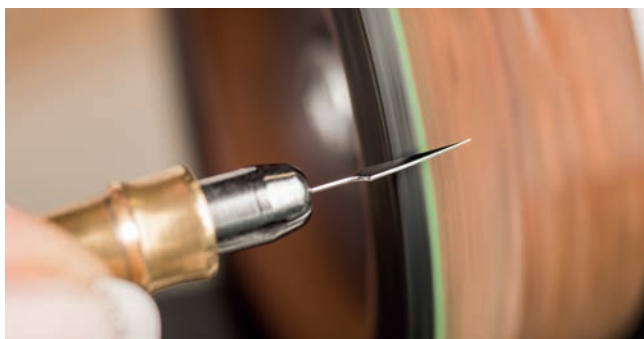
During Moritz Grossmann's lifetime, his measuring instruments and pocket watches were praised for their particularly fine hands. We feel strongly committed to this tradition. For this reason, Moritz Grossmann crafts its hands manually from start to finish. We are one of the very few brands worldwide to do so.



Moreover, steel hands are annealed over an open flame. Instead of the customary cornflower blue chosen by the majority of watchmakers, most Grossmann hands are annealed to a brown-violet or brown hue.



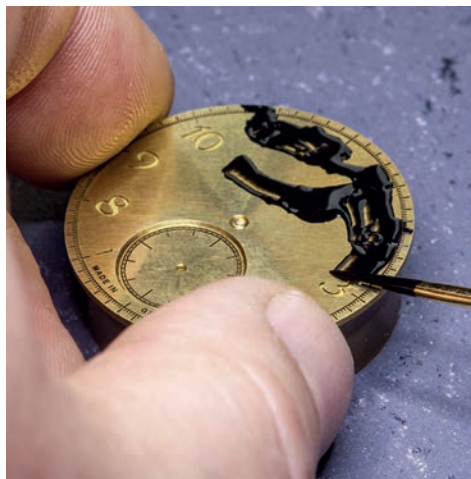
First, the contour of the hand is sculpted out of a flat blank; then it is ground to the specified shape with diamond files. This elaborate series of steps gives the hand its three-dimensional form. Subsequently, it is manually polished with a wooden disc to achieve a mirror gloss. The hand's exceptional length and delicate tip are essential for highly precise legibility.



SILVER-PLATING BY FRICTION

Moritz Grossmann preserves a rare 19th-century craft with the silver-plating by friction of its dials. The technique is carried out entirely by hand and requires a high degree of sensitivity and experience.

A mixture containing silver powder, special silvering salt and water is applied to the dial with a brush and carefully worked into the surface. The result is a fine-grained, velvety texture that gives the dial its distinctive appearance.



Before the dial can be silver-plated by friction, its finely engraved details must first be filled with lacquer. Great precision is required to achieve the desired visual depth: even the finest recesses must be completely filled. Any excess lacquer surrounding the engravings is then carefully removed.

A rare finishing technique for dials

What remains reveals the contours and clarity that will later define the dial. The next step focuses on the surface itself: Various powders, including a silver mixture, are brushed onto the dial by hand. Again and again, powder is applied and rubbed into the surface until the characteristic fine-grained texture has formed. This process can take up to an hour.



Once the process is complete, the full beauty of the silver-plating by friction becomes apparent. The surface appears matt, velvety and finely textured. Viewed from different angles in the light, the dial reveals a fascinating sense of depth. Its subtle elegance and the distinctive character of genuine craftsmanship are unmistakable.



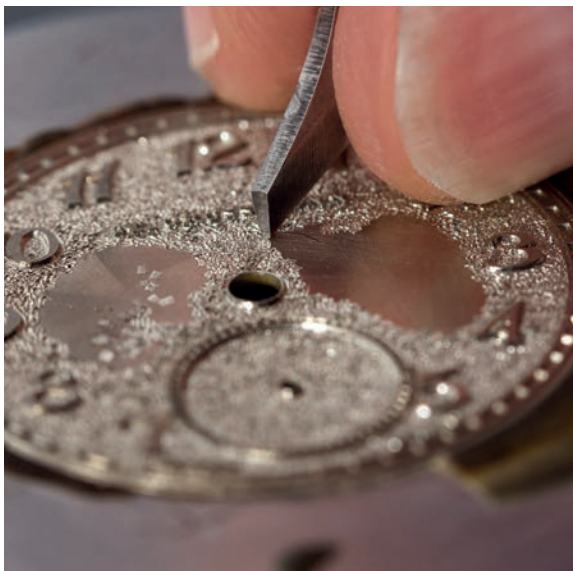
Video

TREMBLAGE



Tremblage is a special form of hand engraving that was highly prized more than a century ago before gradually falling into obscurity. The engraver begins by securing the dial in a holder. The surface is then worked entirely by hand using different burins.

The engraver guides the tool across the metal in a trembling motion – hence the name, as the French verb trembler means “to tremble”. The burin is repeatedly set down and lifted away, creating the characteristic texture. As the engraver works entirely free-hand, every dial becomes a unique piece of craftsmanship.



A traditional engraving technique for finishing dials

Tremblage is a technique that makes genuine craftsmanship visible. This is reflected not only in the tools and holders used in the process, but also in the finished dial itself. Achieving its distinctive beauty requires time, precision and concentration. Only in this way can the engraver create an even surface while preserving the vibrant character of a hand-crafted finish.



Once finished, the dial reveals a finely textured, matt yet expressive surface. The countless individual indentations break the incident light in different ways, creating not only a remarkable sense of depth but also a lively interplay of light and reflections. The care with which each dial is worked also demonstrates the dedication that the manufactory's artisans devote to every detail. It is this attention to detail that ultimately defines the character of each individual model.

ASSEMBLY

In crafting its movements, Moritz Grossmann relies on the principle of double assembly. Each movement is completely assembled, lubricated, and adjusted in both processes. During initial assembly, basic settings are performed and the individual parts precisely aligned with one another. To minimise the stress to which the individual parts are exposed, they are not finished until they are re-assembled a second time in the final assembly stage before the movement is cased up.



FIRST ASSEMBLY

The movement is assembled for a first time to make sure all parts and component groups interact smoothly. In this phase, our experienced watchmakers put together the precisely manufactured components. The endshake of the train wheels is harmonised, the escapement adjusted, and the balance trued. Every single watch is adjusted for rate accuracy. Wrist motions are simulated in various positions for this purpose. To prevent certain parts from being damaged during the initial assembly phase, some of them are integrated into the movement before they have been completely finished. Once the calibre has been perfectly adjusted, it is taken apart again.

FINAL ASSEMBLY

Only prior to the final assembly process are the parts lavishly finished. At this point in the second completion stage, they are again lubricated, precision-adjusted, and extensively tested. As soon as the results match our high quality standards, the watch receives its face: the dial and the hands are mounted. Finally, the finished movement is cased up. After a further rate test, the strap is secured and the watch is completed.



DEVELOPMENTS/ DESIGN/ FEATURES

HAMATIC

The most beautiful self-winding mechanism. In the form of an elaborate, intricately finished frame that is open in the middle, the body of the hammer provides a stage for the hammer spring and striking gold hammer head. The calibre 106.0 with its self-winding hammer system converts even the smallest movements into impressive winding power.



UNIVERSALZEIT

Seven time zones at a glance. See the current time in different time zones around the world at a single glance. Designed in the shape of a world map, the dial uses time windows aligned with coordinates and city names as a means of providing orientation in terms of time and geography. A total of six windows displays the hour from 1 to 24 in each of the six cities.

TOURBILLON

Grossmann's spectacular three-minute tourbillon at 6 o'clock cannot fail to catch the eye. Taking its cue from Alfred Helwig, the flying tourbillon cage with v-shaped balance bridge is unusually large and reveals many fascinating details and ways in which they interact. This masterpiece of precision mechanics consists of 59 exquisitely crafted components and rotates counter-clockwise once every three minutes.



Moritz Grossmann has used a creative trick to get around the dilemma posed by the mechanism covering the space for the minute display between 25 and 35 in the lower part of the dial: this time span is mirrored in a scale in the middle of the dial and swept by the extension of the central minute hand.

The intricate design of the cage with just two triangular posts creates an additional complication. To halt the balance smoothly, the stop device must move past the triangular frame posts. It accomplishes this with the aid of an elastic brush made from human hair, which provides the most gentle and reliable solution.



DATE

A precisely jumping date display. A full 1-31 date scale and the unique bracket-shaped date marker underline the elegance and functionality of the DATE. The date can be set back and forth at any time, while the movement continues to run. The highlight: time and date can even be changed immediately before or after midnight.



POWER RESERVE

The power reserve indicator embodies absolute technical perfection. Designed as a two-colour bar-shaped indicator element, it is controlled by a differential gear. This drives a segment mounted in the centre of the calibre, creating a two-colour bar display below the logo to indicate the remaining power reserve and therefore the watch's remaining running time. When the movement is fully wound, a completely white bar is displayed and when the power reserve decreases, an increasingly coloured bar appears.



BACKPAGE



With the BACKPAGE, the manufactory Moritz Grossmann offers a showcase for the beauty of Grossmann's watchmaking artistry. The watchmakers have designed the calibre 107.0 with a mirrored High-Artistic Finish and moved it to the dial side. A generous aperture in the dial then exposes characteristic movement details without taking the watch off the wrist.

GMT

Two time zones at a glance. Thanks to the classic, functional design of the watch, the two time zones stand out clearly from each other. The 12-hour scale in the middle of the dial shows the first time. The second time zone with 24 Arabic numerals is designed as an outer circumferential scale. A separate hand element in compact arrow form shows the respective hour. A separate setting crown at 10 o'clock allows the arrow indicator to be quickly adjusted in hourly increments both forwards and backwards.



TEFNUT TWIST

The quest for a robust alternative to the conventional crown winder ended with an exceptionally original solution: The Grossmann strap winder makes it much easier to wind smaller, more delicate watches. With only six full rotations, the watch will be wound for a 48-hour power reserve.



TEFNUT SLEEPING BEAUTY



Its case with two strap lugs is a voluptuous sculpture that rises gently from the crown to the 9 o'clock side. The lugs are freely suspended on one side and like the crown are graced with a precious stone cabochon. On the dial, the Roman numerals, the exquisite hour hand, the asymmetric guilloché pattern, and the portraits of the moon or the dune scenario are magically alluring. The watches are available either with a leather strap or a gold Milanaise strap.

MANUAL WINDER WITH PUSHER



The in-house developed manual winding mechanism with pusher contains a perfected hand setting mechanism, which eliminates two potential problem areas: avoiding the ingress of foreign particles during the adjustment process and altering the hands unintentionally when pushing the crown back into place.



After a short pull on the winding crown, the mechanism switches to hand setting and simultaneously stops the movement. The winding crown immediately returns to its original position, allowing the hands to be adjusted precisely. The movement is then restarted using the pusher below the winding crown without having to move the crown again.



BENU HERITAGE

With the BENU models, Moritz Grossmann interprets „Schönstes deutsches Handwerk“ and modern technology in a contemporary appearance.

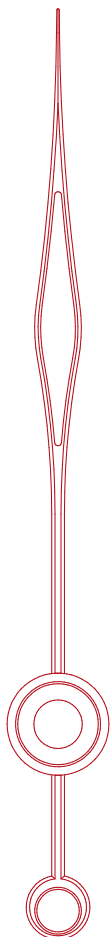
The BENU heritage line combines classic dial design in homage to the brand's history and the pocket watches of Moritz Grossmann.

POWER RESERVE

The POWER RESERVE remains true to the family's neoclassic style. From the front, Arabic numerals, a crisp minute scale, and the case with its delicate bezel as well as the gracefully tapered lugs project refined elegance. A display back reveals the spirited beauty of the movement. The sublime, manually crafted hands provide an accurate reading of the time from any angle.

Additionally, a two-colour power-reserve indicator tells the owner when the time has come to rewind the movement.

The new BENU Power Reserve features a new hand shape and exceptional dial decoration, amongst further details.



POWER RESERVE
learn more online





POWER RESERVE

Calibre 100.2



Reference: MG-003772
Case: Rose gold
Dial: Argenté, with indices
Hands: Manually crafted,
steel annealed to a
blue hue



Reference: MG-003599
Case: White gold
Dial: Argenté, with indices
Hands: Manually crafted,
steel annealed to a
blue hue

POWER RESERVE

Calibre 100.2



Reference: MG-000460
Case: Rose gold
Dial: Argenté
Hands: Manually crafted,
steel annealed to a
brown-violet hue



Reference: MG-000461
Case: White gold
Dial: Argenté
Hands: Manually crafted,
steel annealed to a
brown-violet hue

POWER RESERVE

Calibre 100.2



Reference: MG-000462
Case: White gold
Dial: Grey
Hands: Manually crafted,
steel polished
with white
HyCeram filling



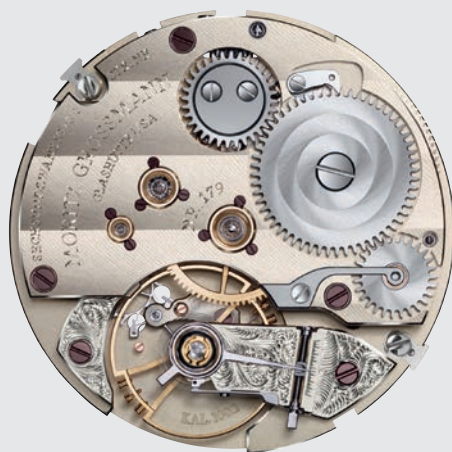
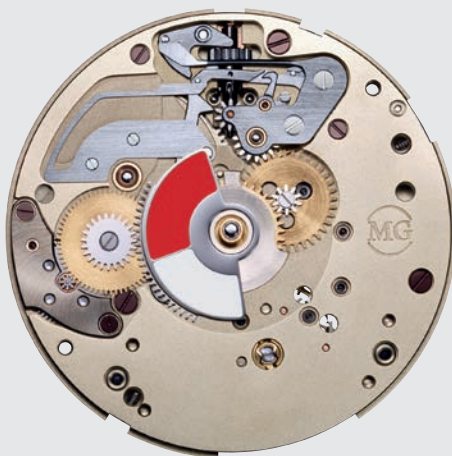
Reference: MG-000628
Case: Platinum
Dial: Grey,
subdial argenté
Hands: Manually crafted,
steel polished
with white
HyCeram filling



Reference: MG-003520
Case: Stainless steel
Dial: Salmon
Hands: Manually crafted,
steel annealed
to a blue hue
Limitation: 50 watches
worldwide

POWER RESERVE

Calibre 100.2



No. of parts:	227
Frequency balance:	18,000 semi-oscillations per hour
Power reserve:	42 hours
Case dimensions:	Diameter: 41.0 mm, height: 11.65 mm

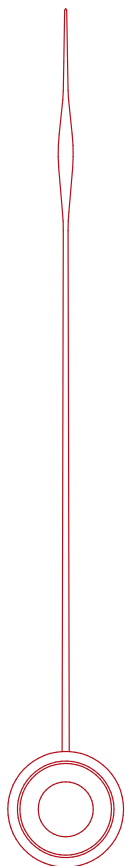


KEEPING AN EYE ON YOUR RESERVES

POWER RESERVE Vintage

To commemorate the revival of the brand and pay tribute to the inventor, visionary and master craftsman Moritz Grossmann, a traditional version of the POWER RESERVE is now being released. The POWER RESERVE Vintage features a historic dial in argenté echoing Moritz Grossmann's classic pocket watches. Finely crafted Roman numerals in black and the original logo featuring the 'M. GROSSMANN' typography from 1875 grace the dial paying tribute to the master, as he was respectfully called in Glashütte.

A display in the form of a filigree bar indicator informs of the remaining power reserve.



POWER RESERVE Vintage
learn more online





POWER RESERVE Vintage

Calibre 100.2



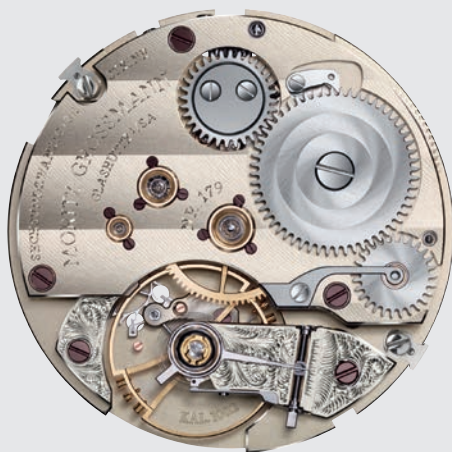
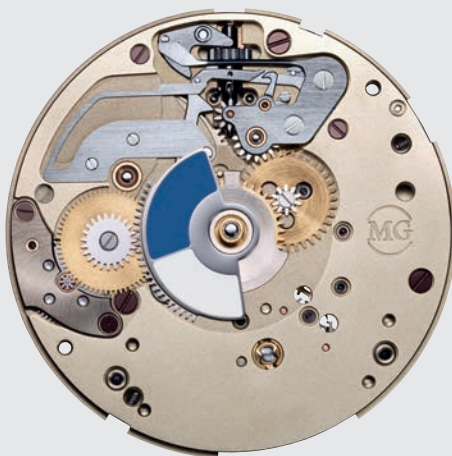
Video

Reference: MG-002269
Case: Rose gold
Dial: Argenté
Hands: Manually crafted, steel
annealed to a blue hue

Reference: MG-002270
Case: White gold
Dial: Argenté
Hands: Manually crafted, steel
annealed to a blue hue

POWER RESERVE Vintage

Calibre 100.2



No. of parts:	227
Frequency balance:	18,000 semi-oscillations per hour
Power reserve:	42 hours
Case dimensions:	Diameter: 41.0 mm, height: 11.65 mm



A NEW WATCH
IN A
HISTORIC DESIGN

TOURBILLON

The TOURBILLON is the artisanal crown of Moritz Grossmann's vision and clearly evokes the tradition of Glashütte pocket chronometers. To express uncompromising precision, the implementation of Grossmann's flying three-minute tourbillon represents a totally new concept en route to the simple but mechanically perfect watch.

A suite of surprising solutions, such as the unusual size and shape of the tourbillon cage or its longer periodicity, makes it possible to actually see absolute rate accuracy with the naked eye. The patented stop seconds mechanism with a fine hair brush complements an ensemble that follows the principles of a Grossmann precision timekeeping instrument down to the last detail. The recess on the minute track between 25 and 35 minutes that allows to see the moving mechanics, is elegantly compensated for by the minute hand extension and a separate scale in the center of the dial.

The new TOURBILLON Tremblage demonstrates the expressive power of traditional craftsmanship combined with modern aesthetics. The centrepieces are the painstakingly crafted dial with a tremblage surface created by hand and the sophisticated tourbillon mechanics.

The new version of the TOURBILLON TREMBLAGE appears in a warm shade of rosé.

The TOURBILLON Titanium combines the traditional tourbillon with the modern appeal of a titanium case and features a guilloché dial.

TOURBILLON
learn more online





TOURBILLON

Calibre 103.0



Reference: MG-003617
Case: Rose gold
Dial: Multi-part German silver and „black-or“ galvanized, tremblage inner part dial
Hands: Manually crafted, 750/000 gold, polished
Limitation: 8 watches worldwide

Reference: MG-003616
Case: White gold
Dial: Multi-part German silver and „black-or“ galvanized, tremblage inner part dial
Hands: Manually crafted, steel polished
Limitation: 8 watches worldwide

TOURBILLON
Calibre 103.0



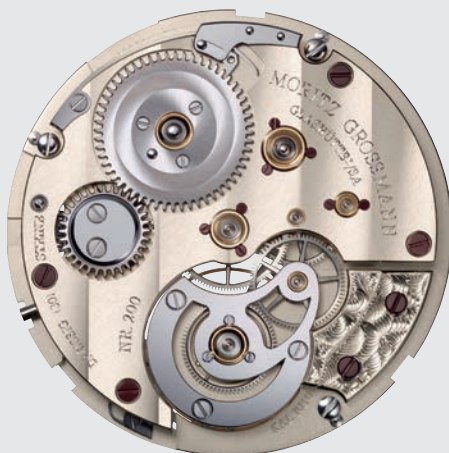
Video

Reference: MG-003888
Case: White gold
Dial: Salmon, tremblage
Hands: Manually crafted,
steel annealed to a
blue hue
Limitation: 8 watches worldwide

Reference: MG-003862
Case: Titanium
Dial: Guilloché, argenté
Hands: Manually crafted,
steel annealed to a
brown-violet hue
Limitation: 12 watches worldwide

TOURBILLON

Calibre 103.0



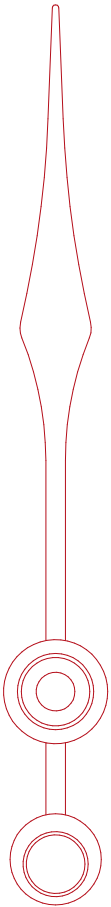
No. of parts:	245 (wheel train 186, cage 59)
Frequency balance:	18,000 semi-oscillations per hour
Power reserve:	72 hours
Case dimensions:	Diameter: 44.5 mm, height: 13.8 mm



CORNER STONE

The CORNER STONE appears with an innovative rectangular design. It is Grossmann's first watch „with edges and corners“ and its strong characteristics stand for technical finesse and expressive elegance.

The new calibre 102.3 was specially designed for the rectangular case shape with the small seconds at 6 o'clock and a central hour and minute display.



CORNER STONE
learn more online





CORNER STONE

Calibre 102.3



Reference: MG-002145

Case: Rose gold

Dial: Argenté

Hands: Manually crafted,
steel annealed to a
brown-violet hue



Reference: MG-002144

Case: White gold

Dial: Argenté

Hands: Manually crafted,
steel annealed to a
brown-violet hue



Reference: MG-001910

Case: White gold

Dial: Black

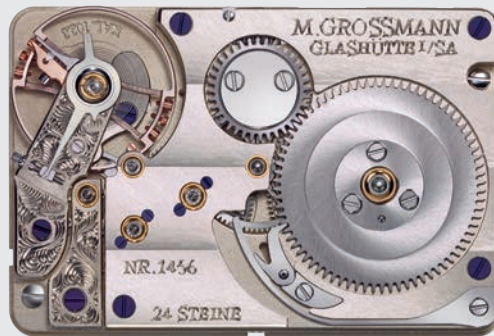
Hands: Manually crafted,
steel polished



Video

CORNER STONE

Calibre 102.3



No. of parts:	189
Frequency balance:	21,600 semi-oscillations per hour
Power reserve:	60 hours
Case dimensions:	46.6 mm (length) x 29.5 mm (width) x 9.76 mm (height)



STRENGTH OF
CHARACTER

—

A BOLD PERSONALITY

37 ARABIC/ 37 ARABIC Vintage

The more compact version of the Moritz Grossmann brand's first watch, the BENU, exhibits harmoniously balanced proportions. While the case is inspired by the original, the upbeat, vibrantly styled numerals add a touch of ebullience. They endow the 37 ARABIC with dynamic appeal and elegance, reminiscent of the swing era.

The variant Black & White is Moritz Grossmann's elegant and aesthetic interpretation of this iconic colour contrast.

37 ARABIC Vintage comes with a stainless steel case. One of the most striking features of the watch is the anthracite-coloured dial in untreated German silver: the matt, velvety hue shimmers in a variety of shades of grey, an effect created by the deep engraving on the dial, or, to be more precise, the black engraving. This involves the surface being thermally treated, giving the untreated German silver an almost grainy structure and a dark hue that dampens the incident light.

37 ARABIC
learn more online





37 ARABIC

Calibre 102.1



Reference: MG-001863
Case: Rose gold
Dial: Argenté
Hands: Manually crafted,
steel annealed to a
brown-violet hue

Reference: MG-001859
Case: White gold
Dial: Argenté
Hands: Manually crafted,
steel annealed to a
brown-violet hue

37 ARABIC Vintage
Calibre 102.1



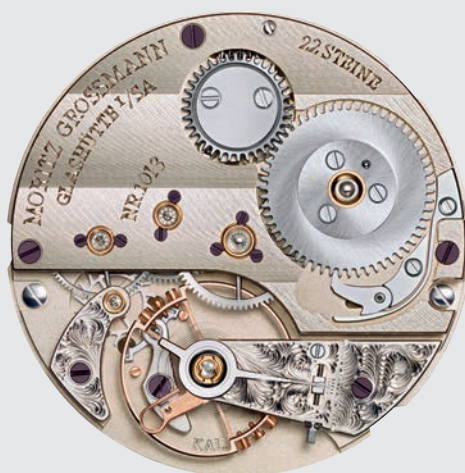
Reference: MG-002267
Case: Rose gold
Dial: German silver
Hands: Manually crafted,
rose gold



Reference: MG-003626
Case: Stainless steel
Dial: German silver
Hands: Manually crafted,
steel polished

37 ARABIC/ 37 ARABIC Vintage

Calibre 102.1



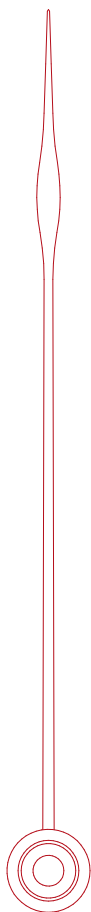
No. of parts:	188
Frequency balance:	21,600 semi-oscillations per hour
Power reserve:	48 hours
Case dimensions:	Diameter: 37.0 mm, height: 9.2 mm



HAMATIC

Of course, the HAMATIC does not purport to be a perpetual motion machine - after all, the first automatic watch from Moritz Grossmann draws its kinetic energy from an external source. A pendulum style hammer weight skilfully uses the energy generated through the wearer's movements to transfer it via the ratchet wheel to the main-spring in the barrel.

The dream of infinite motion comes true by means of the external energy source. It is therefore safe to say that the HAMATIC is one of the most beautiful and complex examples of would be perpetual motion.



HAMATIC
learn more online





HAMATIC

Calibre 106.0



Video

Both versions are also available with the vintage logo.

Reference: MG-002302

Case: Rose gold

Dial: Argenté

Hands: Manually crafted,
steel annealed to a
brown-violet hue

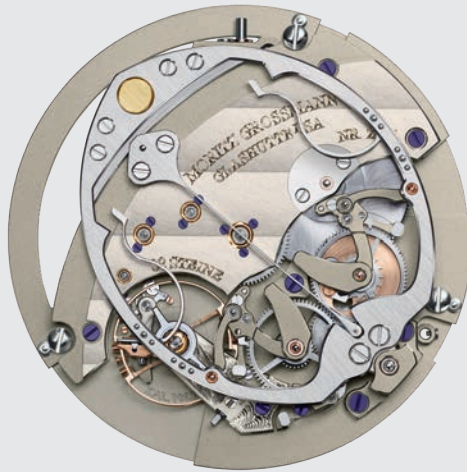
Reference: MG-002303

Case: White gold

Dial: Argenté

Hands: Manually crafted,
steel annealed to a
brown-violet hue

HAMATIC
Calibre 106.0



No. of parts:	312
Frequency balance:	21,600 semi-oscillations per hour
Power reserve:	72 hours
Case dimensions:	Diameter: 41.0 mm, height: 11.35 mm



THE DREAM OF INFINITE MOTION

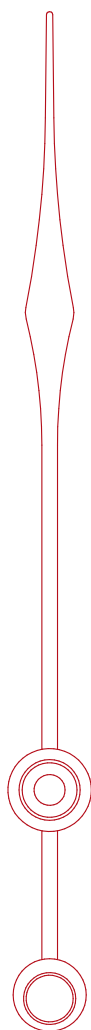
TREMBLAGE

A historic engraving technique is being given a new lease of life with the model TREMBLAGE. Finished using the eponymous tremblage engraving technique, the timepiece elegantly combines vintage style with finest mechanics.

Material and surface form a fascinating liaison. German silver is an alloy of copper, nickel and zinc, among others, which is frequently used in historical watches and movements. Thanks to the surface treatment, this alloy produces a silver-like hue with an aesthetic vintage look. The three-dimensional appearance of the dial underscores the effect: The numerals of the hours and circular small seconds rise above the surface, as does the historic "M. Grossmann" logo from 1875.

The result is exquisite – a uniquely crafted work of art with an even, fine grain that softens the effect of incident light and lends a wonderfully matt appearance to the tremblage surface. The lavishly flat polished raised elements create a lustrous contrast.

For the TREMBLAGE Green the hand-crafted surface is being finished in a shade of green that features depth and a timeless appearance.



TREMBLAGE
learn more online





TREMBLAGE

Calibre 100.1



Video

Reference: MG-003290

Case: Rose gold

Dial: German silver, tremblage

Hands: Manually crafted,
steel annealed
to a brown-violet hue

Reference: MG-003327

Case: Stainless steel

Dial: German silver, tremblage

Hands: Manually crafted,
steel annealed
to a blue hue

TREMBLAGE
Calibre 100.1



Video

Reference: MG-003864

Case: Rose gold

Dial: German silver, tremblage green

Hands: Manually crafted,
rose gold polished

Limitation: 8 watches worldwide

Reference: MG-003865

Case: White gold

Dial: German silver, tremblage green

Hands: Manually crafted,
steel polished

Limitation: 8 watches worldwide



No. of parts:	198
Frequency balance:	18,000 semi-oscillations per hour
Power reserve:	42 hours
Case dimensions:	Diameter: 41.0 mm, height: 11.35 mm

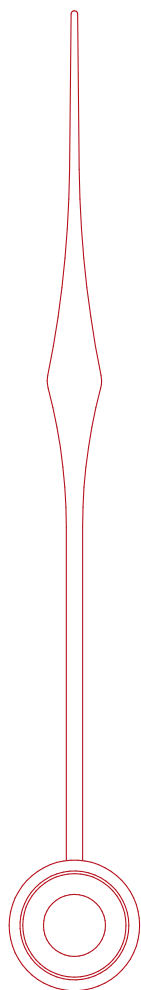
HAND ENGRAVING FROM THE 19TH CENTURY

CENTRAL SECOND

More than five millennia ago, people in the Near East started to take an interest in measuring time. Priests analysed the cycle of the moon and planets. Over the course of the 13th century, the mechanical clock was developed in Europe. The individual planning of time was born. Today, in the 21st century, modern life would be inconceivable without the ability to measure time accurately down to a second or a fraction of a second.

With its CENTRAL SECOND, Moritz Grossmann pays tribute to the social and technological significance of the second as a unit of time. While conventionally the small second hand is placed in the 6 o'clock position in the bottom third of the dial on Grossmann watches, here a large-scale second hand is positioned in the centre of the dial.

The blue dial offers a striking contrast during daylight provided by the numerals in rich white and the polished steel hands, also filled in white. This hybrid ceramic filling comprises powerful luminescent pigments that glow in the dark intensively, are long-lasting and produce a beautifully bright green colour.



CENTRAL SECOND
learn more online





CENTRAL SECOND

Calibre 100.11



Video

Reference: MG-002909
Case: Stainless steel
Dial: Blue
Hands: Manually crafted, polished
steel with HyCeram
Luminex filling

CENTRAL SECOND

Calibre 100.11



No. of parts:	198
Frequency balance:	18,000 semi-oscillations per hour
Power reserve:	42 hours
Case dimensions:	Diameter: 41.0 mm, height: 12.0 mm

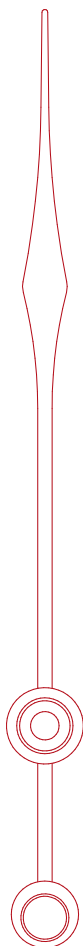


SPOTLIGHT ON THE SECOND

ENAMEL ARABIC

The ENAMEL ARABIC is a special highlight for connoisseurs of robust stainless-steel watches. The unusual combination of a stainless-steel case, the calibre 100.1 movement and a traditionally enamelled dial creates a rare and luxurious dress watch. With its elaborate, highly artistic finish and exquisite Grand Feu enamel dial, the timepiece is a prime example of the finest German craftsmanship.

Although the art of enamelling can be traced back thousands of years, both then and now only a small number of highly skilled artisans have mastered this demanding craft to perfection. The incomparable white of the enamel forms a striking contrast with the coloured scales and numerals, as well as with the manually crafted Grossmann hands, which are available annealed to either a blue or brown-violet hue.



ENAMEL ARABIC
learn more online





ENAMEL ARABIC

Calibre 100.1

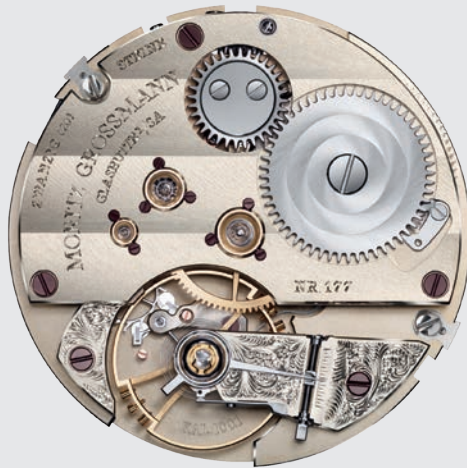


Reference: MG-001746
Case: Stainless steel
Dial: Enamel Grand Feu
White
Hands: Manually crafted,
steel annealed to
a blue hue
Limitation: 18 watches
per year

Reference: MG-001405
Case: Stainless steel
Dial: Enamel Grand Feu
White
Hands: Manually crafted,
steel annealed to
a brown-violet hue
Limitation: 18 watches
per year

ENAMEL ARABIC

Calibre 100.1



No. of parts:	198
Frequency balance:	18,000 semi-oscillations per hour
Power reserve:	42 hours
Case dimensions:	Diameter: 41.0 mm, height: 11.35 mm



BENU CONTEMPORARY

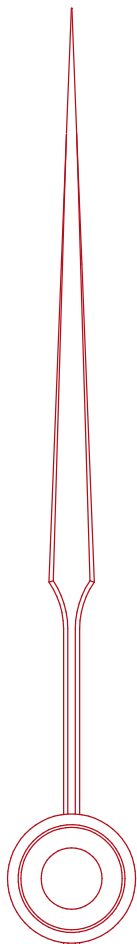
With the BENU models, Moritz Grossmann interprets „Schönstes deutsches Handwerk“ and modern technology in a contemporary appearance.

The collection line BENU Contemporary stands for the reinterpretation of traditional values in a modern design.

UNIVERSALZEIT

UNIVERSALZEIT makes it possible to see the current time in different time zones around the world at a single glance. Designed in the shape of a world map, the dial uses time windows aligned with coordinates and city names as a means of providing orientation in terms of time and geography. A total of six windows displays the hour from 1 to 24 in each of the six cities. Daylight-saving time is not observed in the cities selected. This means that the UNIVERSALZEIT indicates the actual time all year round and no adjustment is necessary.

The hours of the main time are displayed by the manually crafted hour hand. The minutes and seconds are indexed for all time zones via the minute and second hands.



UNIVERSALZEIT
learn more online





UNIVERSALZEIT

Calibre 100.7

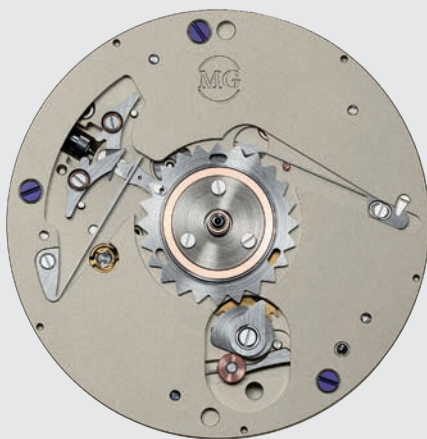


Video

Reference: MG-003072
Case: Stainless steel
Dial: World map
Hands: Manually crafted,
steel polished

UNIVERSALZEIT

Calibre 100.7



No. of parts: 292
Frequency balance: 18,000 semi-oscillations per hour
Power reserve: 42 hours
Case dimensions: Diameter: 44.5 mm, height: 13.78 mm



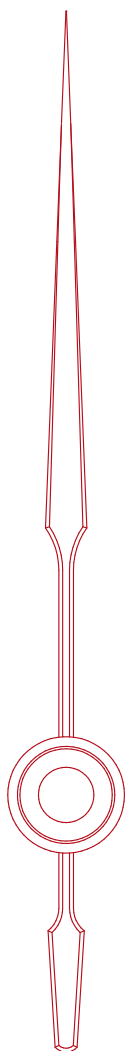
**A TIMEKEEPER FOR
GLOBETROTTERS
—
AROUND THE WORLD**

BACKPAGE

The BACKPAGE model accentuates the aesthetics of the mechanical movement. Thanks to the large dial cutouts, the most beautiful details of the manufactory's skill in watchmaking are rendered visible. Reading the time also gives a view of partial sections of the highly finished calibre 107.0: from the dial side, its defining stylistic elements are revealed, such as the Grossmann balance, the balance cock that has been hand-engraved with floral motifs and the three-band snailing on the ratchet wheel.

Normally these components would be found on the back of a watch. However, the mirrored construction of the movement gives it a whole new look. Thanks to the extravagant mounting of the seconds hand shaft in a gold chaton, the small seconds display is also located in a prominent position. The winder with pusher and stop seconds, which was developed in-house, can be seen on the back of the watch.

The limited edition BACKPAGE can be identified by the green colour on the remaining elements of the dial, which is key to the effect of the watch thanks to its rich, warm nuances. The green gives rise to an exciting contrast to the gold-plated gear wheels, the gold chatons and the carefully bevelled and polished screw heads.



BACKPAGE
learn more online





BACKPAGE

Calibre 107.0



Reference: MG-003495
Case: Platinum
Dial: Green
Hands: Manually crafted, steel annealed to a brown-violet hue
Limitation: 25 watches worldwide

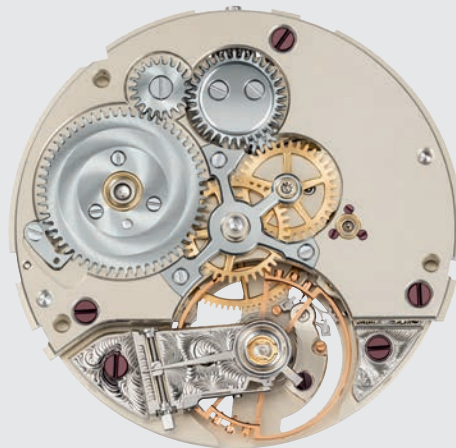
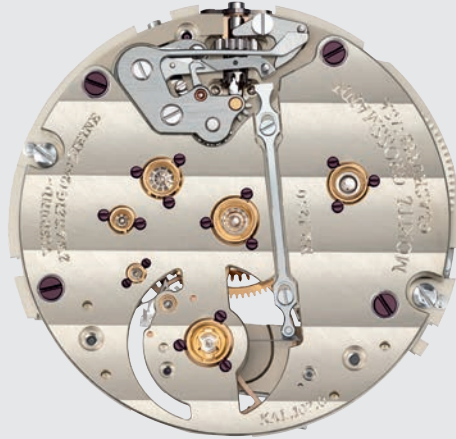


Reference: MG-003494
Case: Rose gold
Dial: Green
Hands: Manually crafted, steel annealed to a brown-violet hue
Limitation: 25 watches worldwide



Reference: MG-001396
Case: Rose gold
Dial: Charcoal
Hands: Manually crafted, steel annealed to a brown hue

BACKPAGE
Calibre 107.0

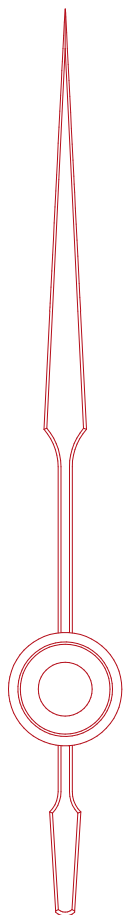


No. of parts:	230
Frequency balance:	18,000 semi-oscillations per hour
Power reserve:	42 hours
Case dimensions:	Diameter: 41.0 mm, height: 11.35 mm

DATE

The jumping date display of the DATE combines precise legibility and refined mechanics, making it remarkably easy to use. A full 1-31 date scale and the unique bracket-shaped date marker underline the elegance and functionality of the DATE. The date can be set back and forth at any time, while the movement continues to run.

The highlight: time and date can even be changed immediately before or after midnight. A spring will precisely engage the marker in the right date position.



DATE
learn more online





DATE

Calibre 100.3



Reference: MG-000854

Case: Rose gold

Dial: Argenté

Hands: Manually crafted,
steel annealed to
a brown hue



Reference: MG-000857

Case: White gold

Dial: Argenté

Hands: Manually crafted,
steel polished



Reference: MG-001477

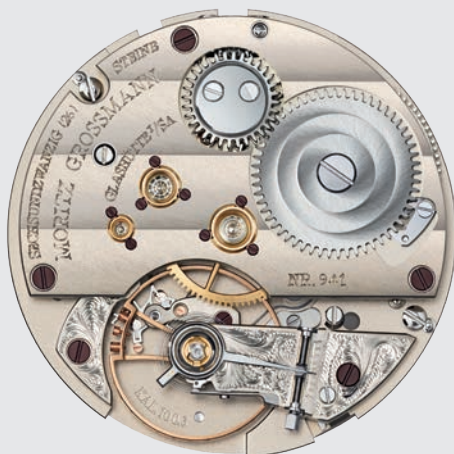
Case: White gold

Dial: Champagne

Hands: Manually crafted,
steel annealed to
a brown hue

DATE

Calibre 100.3

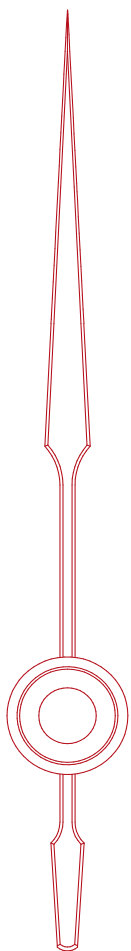


No. of parts:	259
Frequency balance:	18,000 semi-oscillations per hour
Power reserve:	42 hours
Case dimensions:	Diameter: 41.0 mm, height: 11.85 mm

PERPETUAL CALENDAR

For Moritz Grossmann, the goal behind this new PERPETUAL CALENDAR was to create a timepiece that outlasts the changing eras and preserves its being in perpetuity. Its mechanism keeps the date display correct permanently, even when the months differ in length or the year is a leap year. This complication is considered one of the greatest challenges in watchmaking and combines precise technology with master craftsmanship.

The 12 o'clock position features a poetic moon phase display where a gleaming mother-of-pearl moon tracks across a dark night's sky with small, sparkling stars. The soft glow of the moon is set against a goldstone background which is illuminated by small copper crystals. Together, it is all reminiscent of a starry night's sky.



PERPETUAL CALENDAR
learn more online





PERPETUAL CALENDAR

Calibre 101.13



Reference: MG-003906

Case: Rose gold

Dial: Argenté

Hands: Manually
crafted,
rose gold
polished



Reference: MG-003907

Case: Rose gold

Dial: Charcoal

Hands: Manually
crafted,
rose gold
polished



Reference: MG-003904

Case: Platinum

Dial: Argenté,
Charcoal

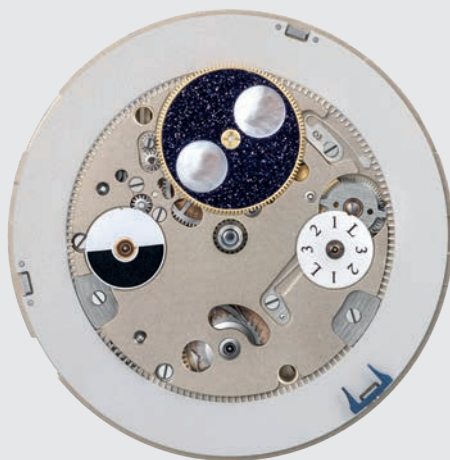
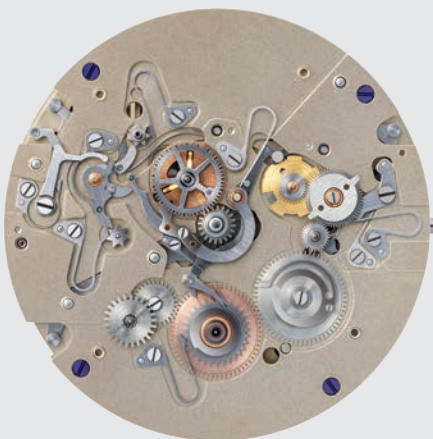
Hands: Manually
crafted,
steel annealed
to a blue hue



Video

PERPETUAL CALENDAR

Calibre 101.13



No. of parts:	401
Frequency balance:	18,000 semi-oscillations per hour
Power reserve:	42 hours
Case dimensions:	Diameter: 41.0 mm, height: 13.9 mm



BEING IN PERPETUITY



TEFNUT CLASSIC

The TEFNUT models represent delicate mechanics and subtle design in gold and mother of pearl.

Luxurious elegance meets a thoughtful mechanical heart.

TEFNUT

The TEFNUT model incorporates all the classic virtues associated with the Moritz Grossmann manufactory: a simple design that embodies pure understatement coupled with high-quality materials that are finished by hand. Moreover, every single detail, no matter how small, is absolutely perfect.

The model from the TEFNUT line has now been given a completely new look: with a dial that has been hand silver-plated by friction, the new TEFNUT silver-plated by friction exudes a confident and elegant presence.

The surface of the dial has a velvety, matt structure that has been created using a 19th century technique handed down through the generations, namely grain or silver-plating by friction.



TEFNUT
learn more online





TEFNUT

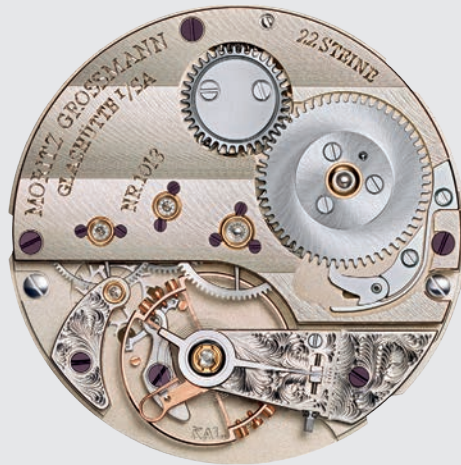
Calibre 102.1



Reference: MG-003516
Case: Rose gold
Dial: Silver-plated by friction
Hands: Manually crafted,
steel annealed to a
brown-violet hue

Reference: MG-003517
Case: Stainless steel
Dial: Silver-plated by friction
Hands: Manually crafted,
steel annealed to a
brown-violet hue

TEFNUT
Calibre 102.1



No. of parts:	188
Frequency balance:	21,600 semi-oscillations per hour
Power reserve:	48 hours
Case dimensions:	Diameter: 39.0 mm, height: 8.5 mm

TEFNUT Lady

The TEFNUT Lady combines horological class with feminine aesthetics. A radial guilloché pattern unfolds across its sublime mother-of-pearl dial. The origin of the rays at 6 o'clock is a gold chaton with a glistening diamond. It underscores the gracefulness of this timepiece. Two manually crafted hands in steel annealed to a brown-violet hue stand out with a delicately curved nodal shape and wispy contours.

A gold bezel, set with 80 brilliant-cut diamonds, frames the elegant face of the watch. Its heart is the calibre 102.1 movement, a totally new development. So this slender masterpiece proves that sparkling diamonds and technical brilliance are a perfect match.



TEFNUT Lady
learn more online





TEFNUT Lady

Calibre 102.1



Reference: MG-000349

Case: Rose gold
brilliant-cut diamonds

Dial: Mother-of-pearl

Hands: Manually crafted,
steel annealed
to a brown-violet hue



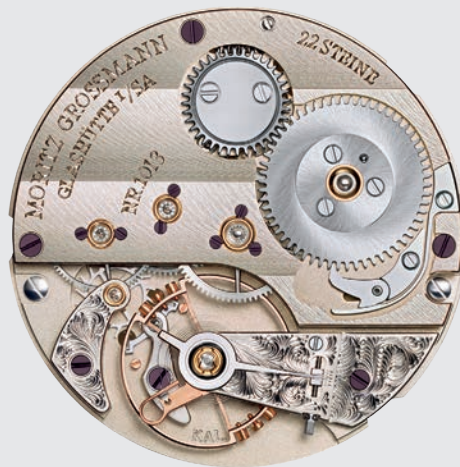
Reference: MG-000350

Case: White gold,
brilliant-cut diamonds

Dial: Mother-of-pearl

Hands: Manually crafted,
steel annealed
to a brown-violet hue

TEFNUT Lady
Calibre 102.1



No. of parts:	188
Frequency balance:	21,600 semi-oscillations per hour
Power reserve:	48 hours
Case dimensions:	Diameter: 36.0 mm, height: 8.6 mm



TEFNUT JEWELLERY

The TEFNUT Jewellery line embraces irresistible feminine elegance with precious diamonds and the most exclusive materials.

Artistically cut, iridescent mother of pearl creates small unique objects full of emotions.

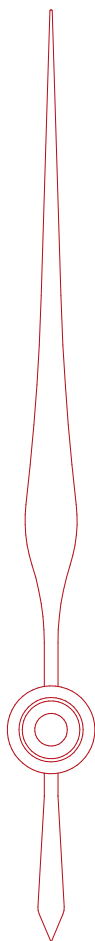
TEFNUT

Sleeping Beauty

The jewellery watch for the TEFNUT family was the result of a joint venture between two worlds: an imaginative motif created by award-winning designer Michael Koh from Singapore paired with „Schönstes deutsches Handwerk“ of the Grossmann manufacture in Glashütte. Michael Koh's passion is exceptional precious stones that he showcases in unique ways. His creations tell mystical stories.

The TEFNUT Sleeping Beauty leads us to the secretive world of the moon. It is an invitation to dream. The radial guilloché made from rose-coloured mother of pearl encloses the exquisitely drawn moon. The beauty sleeps at night; the moon keeps watch of the hours in his mild and wise ways. The black Roman numerals are in harmony with the asymmetrically guilloched pattern and the rose gold case that gently rises from the crown towards the "9 o'clock position". The dial follows in its form and is convex towards the outside.

The TEFNUT Sleeping Beauty is optionally available with an elaborate gold Milanaise bracelet.



TEFNUT
Sleeping Beauty
[learn more online](#)



TEFNUT
Sleeping Beauty Milanaise
[learn more online](#)





TEFNUT Sleeping Beauty

Calibre 102.0



Reference: MG-001769
Case: Rose gold,
brilliant-cut diamonds
Dial: Mother-of-pearl,
brilliant-cut diamonds
Hands: Manually crafted, steel
annealed to a brown hue
Limitation: 118 watches worldwide



Reference: MG-001770
Case: White gold,
brilliant-cut diamonds
Dial: Mother-of-pearl,
brilliant-cut diamonds
Hands: Manually crafted, steel
annealed to a brown-violet hue
Limitation: 118 watches worldwide

TEFNUT Sleeping Beauty Milanaise

Calibre 102.0

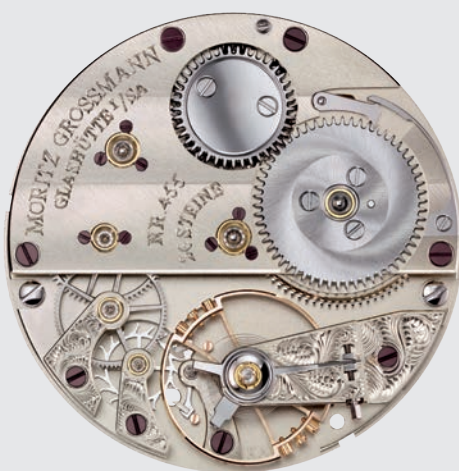


Reference: MG-002370
Case: Rose gold,
brilliant-cut diamonds
Dial: Mother-of-pearl,
brilliant-cut diamonds
Hands: Manually crafted, steel
annealed to a brown hue
Limitation: 118 watches worldwide

Reference: MG-002335
Case: White gold,
brilliant-cut diamonds
Dial: Mother-of-pearl,
brilliant-cut diamonds
Hands: Manually crafted, steel
annealed to a brown-violet hue
Limitation: 118 watches worldwide

TEFNUT Sleeping Beauty

Calibre 102.0



No. of parts:	196
Frequency balance:	21,600 semi-oscillations per hour
Power reserve:	48 hours
Case dimensions:	Diameter: 37.0 mm, height: 9.87/7.1 mm





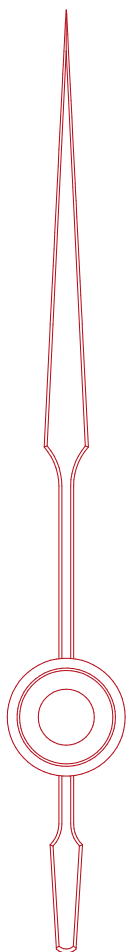
CUSTOMIZING

In our independent manufactory we create innovative approaches for small series and special models. In this way we create unique designs and often individual works of art.

Would you like to own an individual timepiece that is personally made for you? For instance, in the form of a hand engraving or with a guilloché dial? Do not hesitate to contact us. As an independent watch manufactory, we can react in a flexible and quick way to your ideas and create your dream timepiece for you.

Via our concierge service, you are always invited to get in direct contact with a Brand Manager or our manufactory in Glashütte in order to receive advice for your dream watch.

Please send us an e-mail to boutique@grossmann-uhren.com.





CUSTOMIZING

Selected models such as the GMT and DATE can be customised with hand-guilloché dials in a variety of colours and finely coordinated appliqués. For special editions, Moritz Grossmann collaborates with the exquisite dial manufacture Comblémine by Kari Voutilainen to create individual compositions of colour, pattern and the finest details.



CUSTOMIZING



Watch with engraved case.
This model appears with a
very particular hand engraving.
The case and buckle are engraved
by hand in a special pattern. It is
reminiscent of the „Procession of
Princes“ in Dresden, which was
created on the outside wall of the
Dresden Royal Castle in 1907.



IMPRINT

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DESIGN: Udo Weiss

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Jürgen Jeibmann, David Brandt, Ben Gierig

PRINTING: Druckerei Baldauf

We reserve the right to implement technical changes.

Status: August 2026

The diamonds purchased by our supplier have been bought from legitimate sources that are not involved in procurement conflicts and that act in compliance with UN resolutions. The seller guarantees that these diamonds are conflict-free, based on personal knowledge and/or written guarantees provided by the source. This includes Zimbabwe's Marange diamond fields. Our supplier guarantees that all diamonds used were sourced under consideration of UN resolutions. All diamonds are quality VVS1, colour G (Top Wesselton).



Online
Boutique



Webseite



App



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