

For most people the Altmark is just a flat landscape. It is neither very well known, nor is it among the most popular places in the world. For us however, the Altmark is the most beautiful spot on the face of the earth. We love the countryside; we love the meadows crossed by the little river Milde, and the stork couple that every year gather at the Hausmannsturm of the castle ruins to spend the summer here in peace and to raise their young. And we love to make our fine timepieces right here. With abundance of technical skill and love for detail, true craftsmanship is created in Kalbe an der Milde. Craftsmanship that is now being continued by the second generation. In delicate handwork with the



INTRODUCTION

finest and innovative materials such as brass, hardened carbon steel, silver, gold, platinum and modern ceramics, we create unique watches exclusively on traditional machines, and only with the help of our hands. For people who see the world with our eyes, who see the small in the big picture, and the special in common, and who think of home when they hear the word home. For us Altmark is home, and our watches are at home here. We are just not like most people, and we are proud of that!



It all started on a gloomy November evening in 1959. The city of Chemnitz, which was temporarily named Karl-Marx-Stadt for next 30 years, when the watchmaker Dieter Dornblüth from the city of Salz-wedel, Saxony-Anhalt, designed his first own movement in a furnished room. For three years, he went to the Erzgebirge to expand his horological knowledge. He had been occupied by an almost lost case for some time: a sterling silver pocket watch with an extra-large eccentric second display and a sturdy movement of high quality. During his long repair job, Dornblüth became so fond of this pocket watch that he was rather sad when its owner came to pick it up on that fateful November day. That same evening, Dornblüth sat down and started designing a sturdy wristwatch movement in the image of the pocket watch he just had to give away, without giving too much consideration to its height and diameter. He had just finished his plans, and the first wheels sat in place on the plate already, when the freshly appointed master watchmaker was called to Kalbe, Saxony-Anhalt, to take over the abandoned watchmaker business of Elsa and Paul Beckmann. The dream of his own Dornblüth caliber vanished in one of the drawers of a workbench. Daily routine work and the success of the repair

shop that soon grew to eight employees made it impossible for Dieter Dornblüth to follow up on the plan of creating his own movement.

Until October 1st, 1999, when Dieter Dornblüth celebrated his 60th birthday. Dieter's son, Dirk Dornblüth, already master watchmaker himself, presented a stainless steel wristwatch that he had created all by himself, with its movement based on the legendary Glashütte caliber 60.3. So great was the pleasure, that the father revealed the story about his long-forgotten plans of an own movement, which he had kept to himself for the last 40 years. That same evening father and son started to sketch out the design of a possible base caliber on a paper napkin. This is how the father's vision from 1959 was brought back to life again. With the Dornblüth calibers, father and son proved that their own ideas in the art of watchmaking do not necessarily need sophisticated CNC technique. Even today, passionate and dedicated watchmakers can create handcrafted precision watches using only traditional tools and machines.

HISTORY



In the tradition of the old masters, we wanted to prove that the fine German watchmaking of our antecedents is still possible by our craftsmanship without any computer-controlled machines even in the internet age. The components of our movements are almost completely crafted and finished by hand, before the watch's heart starts to beat, out of the sum of the components. Every single watch manufactured at our house is unique. Experience our traditional craftsmanship of fine German watchmaking as it used to be hundred years ago.



Dieter Bornhülth



MANUFACTORY

To manufacture literally means to do things by hand. On the one hand, it means that our hands are used in every step of the work, not a single computer-controlled movement is part of the manufacturing process.

On the other hand, for us the meaning goes far beyond the literal. Since the beginning of industrialization, more and more processes have been continuously mechanized, automated and eventually computerized. This progress will continue as long as technology endures advancement. Fortunately for us, because of technology, more of

mankind's dreams are coming true. But this development also leaves its negative traces. Our everyday life is getting faster and faster, always being available leaves us in a state of stress that we did not know some time ago. And in manufacturing, it translated to more, faster, and cheaper.

D. Dornblüth & Sohn consciously takes a different path. We take the time to work on each individual watch. Our decades of experience go into every single bore, every single screw, and every single cut. The patient hands and critical eyes of the watchmakers do not allow



mistakes to creep in. The attraction of holding a mechanical watch in your hands is not only to admire traditional technology in its most beautiful form, but also to hold a paradox in our fast-moving, digitalized, and constantly networked daily life.

It is precisely from this antipole, which allows us to return for a moment to the here and now of the physical world, and the manufacturer D. Dornblüth & Sohn is the logical consequence. Because whoever wears a Dornblüth, knows that it was created by human hands, for human hands. This is the destiny of our craftsmanship. For

us, this means manufacture.

Find out how we bring this intention to reality and what makes our watches stand out in detail.





The case is often an underestimated part of a wristwatch, as it is essential for its function. It is a safety barrier that reliably protects the high-precision and sensitive movement from everyday environment full of dust and moisture. At the same time, it is also a link that allows the owner of the watch to wear this extraordinary device on his or her wrist; to read the information through the sapphire crystal; and admire the movement itself.

D. Dornblüth & Sohn's classic watch cases fulfil precisely these functions in an uncomplicated and reliable manner.

The front sapphire crystal has a thickness of 1.6 mm or 1.0 mm, and it is slightly domed shape with anti-reflective coating on the inside for optimal legibility of the dial. When the watch is turned over, the large sapphire crystal on the back reveals the movement with its fine finishing techniques and the ticking balance wheel, which measures the flow of time reliably and accurately.

CASES



The high-quality materials of our cases have different properties and strengths. Stainless steel cases (ST) are the most stable representative of all types. With their great hardness and corrosion resistance, they stand for optimal functionality. The stainless steel alloy we use is nickel-free.

Gold is perhaps the most classic material for a watch case, but it is by no means boring or one-sided, as it shows quite different characters in different alloys. Rose gold (RG)



is our primary variation, giving the watch its elegant appearance due to its high copper content. Yellow gold (GG) is the most classic form, which shows tradition like no other. Finally, white gold (WG) is the most precious gold alloy, with a portion of the rare palladium, giving it a silvery shimmer.

Finally, platinum (PT) is the most valuable case material, it is like the color of stainless steel, but its physical properties make platinum case very exceptional. Firstly,



platinum has a very high density, giving it a significant weight on the wrist. In addition, platinum can be used in a high purity of over 95%, making the precious metal's durability ideal – a material for eternity.

The surfaces of all our cases are finished using two different techniques: the larger surfaces are satin-finished, while the fine edges, lugs and crown are polished. With these techniques, all the nuances of the metals can be appreciated fully.





If the balance wheel is the most important component in the movement of a watch, likewise hands are the most important component on the dial.

D. Dornblüth & Sohn uses classically shaped slender hands, which get

maximum attention like all other parts. Before the hands are treated, they are polished by hand, which is difficult and time-consuming task, since they are made of hardened steel. When the hands reflect evenly over their entire surface, and the edges are nicely rounded, they are ready for coloring process.

HANDS



Particularly significant here is the technique of bluing. Without any varnish or other coloring agents, the hands get their characteristic shade of cornflower blue, over a flame. They are heated slowly whereby chemical processes cause the surface of the steel to take on different shades of color, from yellow to red, until it finally reaches the desired shade of blue at exactly 295 °C.

Another process is electrolytic gold-plating



with galvanization. The hands are suspended in a special solution containing gold, where an electric circuit is closed via them. This causes gold atoms to bond with the surface of the hand.

To give the hands a white color, they are painted. It is especially important to make sure that the varnish is only applied very thinly, while remaining even and opaque.



The fourth variant is the coating with SuperLuminova, a non-radioactive luminescent coating that is charged with energy by UV radiation during the day, and emits light by glowing in the dark. This makes it possible to read the time even without a light source.





Since 2007 D. Dornblüth & Sohn has been manufacturing exquisite watches with engraved dials.

We take great pleasure in explaining the process involved in creating the dials that give Dornblüth & Sohn timepieces their unique and renowned face. Many watch dials are printed using a tampon or stamping process whereby everything on the dial is printed by a machine resulting in a flat finish. In contrast, our engraved dials are hand milled with a special cutting machine to create a deeper, more

defined impression before being hand-painted and finished. Sections to be labelled on a future watch dial are carefully hollowed out with a handheld milling machine. Once this process is controlled for precision, color or luminescent pigment is meticulously hand-applied to the milled areas by one of our skilled, in-house watchmakers. The result is a sharp and clear finish, with almost flawless edges. For the wearer, this translates to better legibility giving the watch a distinct advantage over its printed dial counterparts, especially on watches with several complications.

ENGRAVED DIALS



To create an engraved dial, we first select the base material. We offer two alternative dial options: a classic silver-plated, brass dial and a ceramic dial. Brass dials are made from blanks supplied to us by a local metallurgist. We begin with this raw material in our workshop to develop and create our custom, silver-plated dials.

Ceramic dials are high-tech products that very much resemble classic enamel dials in appearance. They consist of a mixture of ceramic and synthetic resin. The desired color is added, then the material hardens

in a specially developed process.

Our silver-plated brass and ceramic dials are engraved in a traditional way, without computerized machinery, using a pantograph. The pantograph utilizes a system of rigid, jointed bars to trace and reduce a hand-drawn template, which is 800% in size of the desired dial, complete with all details such as numerals, batons and inscriptions. The result is a hand-crafted, exact miniature of the template, consistent in detail and perfectly re-sized for the wrist.





Silver-plated surface



Engraved numerals and index



Multiple parts, sub-dials on different levels

ENGRAVED DIALS (BRASS)



Dornblüth & Sohn's engraved classic silver-plated brass dials start their lives as hand-ground metal blanks. All dial details are engraved by hand using a pantograph tracing that is generated from a manually-drawn template. The holes for the pointer axis and sub-dials are milled out separately to ensure accuracy.

A typical sub-dial, such as the small second circle, is created by placing the circle into the milled void via the back of the dial, thus



creating a cleaner finish. Each dial consists of its actual surface, the recessed engravings and the sub-dial sections. Through these separate elements our dials obtain a finely crafted, three-dimensional, distinctive look. As a final step, when the brass dial is completely engraved and the special color for the letters, indices, and numerals have been hand-applied to the appropriate milled areas, the dial is silver-plated and covered with Zapon varnish. The ultra-thin clear varnish seals the surface against discolor-



ation via excessive light, and safeguards against moisture penetration. It also protects the underlying brass plate from corrosion, to provide a long-lasting perfect finish.

We at D.Dornblüth & Sohn prefer a classic dial design and treatment, inspired by the tradition of the old masters. Each step involved in the creation and production of our engraved dials is meticulously carried out by hand, without the use of computer-aided techniques and machines.





Any color



Clear and precise numerals and labeling



High-contrast and lightproof surface

ENGRAVED DIALS (CERAMIC)



In the past, enamel was considered the noblest material to produce high-quality dials. Unfortunately, enamel is very brittle, hence it tends to crack and flake. D. Dornblüth & Sohn has created a high-quality alternative that delivers the beauty of enamel but without the brittleness; the most technically sophisticated dial available for a Dornblüth wristwatch.

The specialized treatment behind our ceramic dials leads to a high-strength



surface structure that far exceeds enamel in terms of elasticity and shatter resistance. A classic, highly polished enamel white as well as various other color shades are possible in the ceramic, which have an extremely long-lasting color stability even when exposed to regular light.

We begin the manufacturing process by hand-mixing a ceramic powder with a synthetic resin in the desired dial color. This mixture is placed on the dial in a purpose-



built, metal carrier to allow it to cure via a special process developed in-house. Once set, the future dial is polished by hand and manually engraved with a pantograph so the resulting milled recesses can be filled with color before the desired matt or gloss surface finish is applied. The filled engraving sets a counterpoint to the very prominent and fine ceramic surface with its deep structure.





Blued hands



Blued screws with beveled edges



Hand-polished surfaces

STEEL PARTS



We carry out many steps in the manufacturing process of our steel parts ourselves to ensure that they can perform optimally.

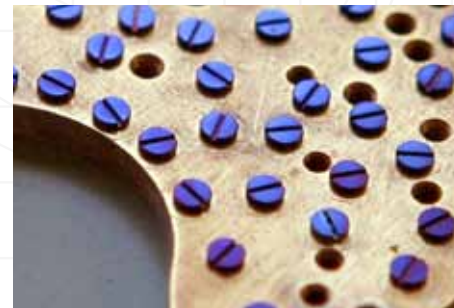
The swan-neck springs, for example, are milled from a round steel plate with the help of a pantograph, giving them their curved shape.

The winding wheels are milled, cut and drilled from a blank on old machines, so that they have exactly the right shape to fit



together in the movement.

All steel parts are hardened. For this purpose, they are heated in the furnace at high temperature, and then rapidly cooled down in an oil bath. Under these extreme conditions, the atomic structure changes so that the parts attain a much firmer surface with which they can withstand the high forces they are exposed to. Unfortunately, the metal also becomes very brittle, so a second step is necessary: tempering. A second time the steel



is heated and cooled down, but this time very slowly. The high stresses that have been created in the steel during hardening are dissolved in the process. This is the same process by which the blued parts, such as screws and hands, get their color.

Now the parts are ready to perform their task reliably for a long time.





*Gold chatons fastened with
blued screws*



*Ratchet wheels with a sunburst finish,
flat polished ratchet and ratchet spring*



*Fine adjustment with a swan-neck
spring on a hand-engraved
balance cock*



THE CALIBERS 99



The 99.2 was the first watch built by D. Dornblüth & Sohn. Many more models based on the same movement followed, and the 99 family grew from there. The movement of the watch must be traditional and robust, but also refined, which is reflected in the characteristics of all 99 models:

Characteristic of German watchmaking is the red gold plated three-quarter plate with the classic Geneva stripe cut, which makes the movement particularly stable. It is



provided with a yellow gold-plated engraving of the company name and serial number.

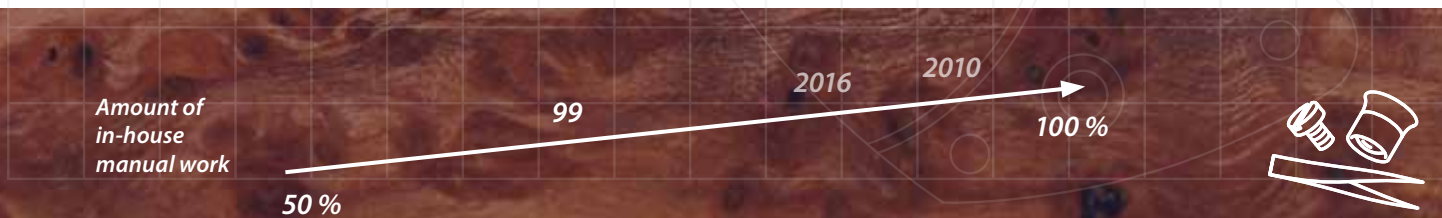
The ratchet wheels have a sunburst finish, which through their play of light and shadow, give the work a wonderful depth.

In the recess of the three-quarter plate ticks the heart of the watch, the balance wheel, held by the hand-engraved balance cock, with classic 18,000 semi-oscillations per hour. On top of this is the swan-neck fine



regulation, another detail typical of fine German watchmaking.

Ø 37 mm • power reserve of 50 hours (± 5%) • screwed gold chatons • return ratchet safety catch • hacking seconds





Maltese cross mechanism for a regular force transmission



Ratchet wheels with a sunburst finish



Fine adjustment with a swan-neck spring on a hand-engraved balance cock



THE QUINTUS-CALIBERS



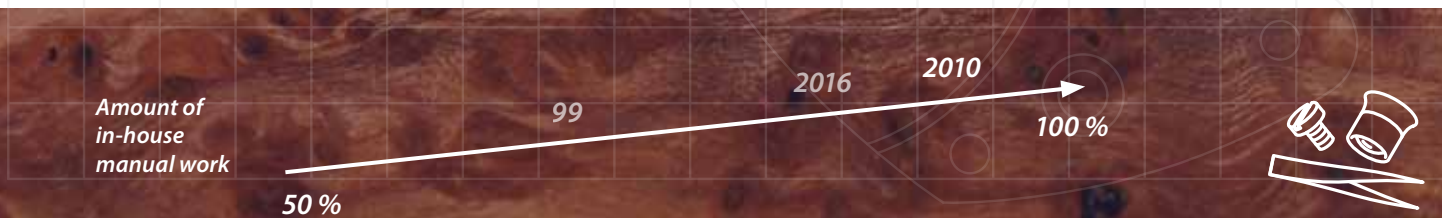
Inspired by old precision pocket watches, and a drawing in Herrmann Sievert's Guide to Watchmaking from 1914, Dirk Dornblüth and his team developed a unique Maltese cross construction visible through the sapphire crystal. With two barrels connected in series, it realizes an almost linear torque to drive the balance wheel, thus enabling greater accuracy. Furthermore, the Maltese cross construction serves as a locking mechanism, which can be felt precisely when full winding is reached.



In addition to the large screw balance equipped with a Breguet hairspring, which moves at a classic 18,000 semi-oscillations per hour, the D. Dornblüth & Sohn team integrated another classic but forgotten detail from the watchmaking art of the 1940s: the short lever escapement with a lowered escape wheel. This special construction considerably reduces the positional errors caused by the escapement.



Ø 34,3 mm • height 4,7 mm • exactly limited power reserve of 52 hours • hacking seconds • red gold plated, grained three-quarter plate with yellow gold plated hand-engraving of manufactory name and serial number • retracing ratchet • double sunburst finish on winding wheels • swan-neck fine adjustment on the hand-engraved balance cock





Ratchet wheels with a sunburst finish



Gold chatons fastened with blued screws



Fine adjustment with a swan-neck spring on a hand-engraved balance cock



THE CALIBERS 2016



The second genuine manufacture movement is the caliber 2016 of the ladies' watches. Of course, the biggest difference to the other movements lies in its size. However, the ladies' watch should in no way be inferior to the other models when it comes to quality and attention to detail. Thus, the high-quality

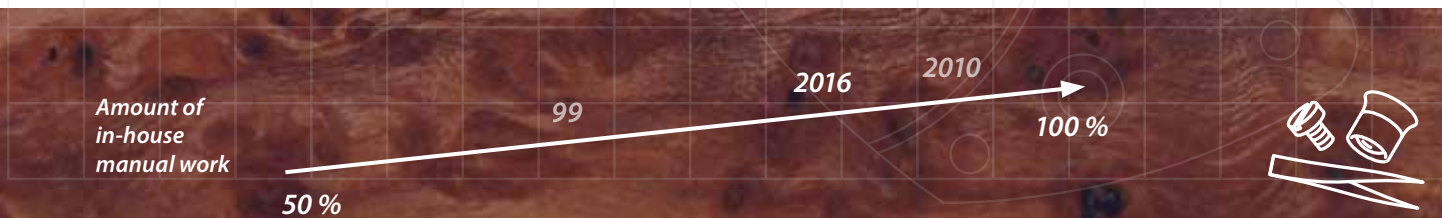


ity techniques and materials that characterize the 2010 family can also be found here.

Ø 26,6 mm • height 4,45 mm • in-house developed movement • power reserve of 38 hours • hacking seconds • 18,000 semi-oscillations per hour • red gold plated, grained

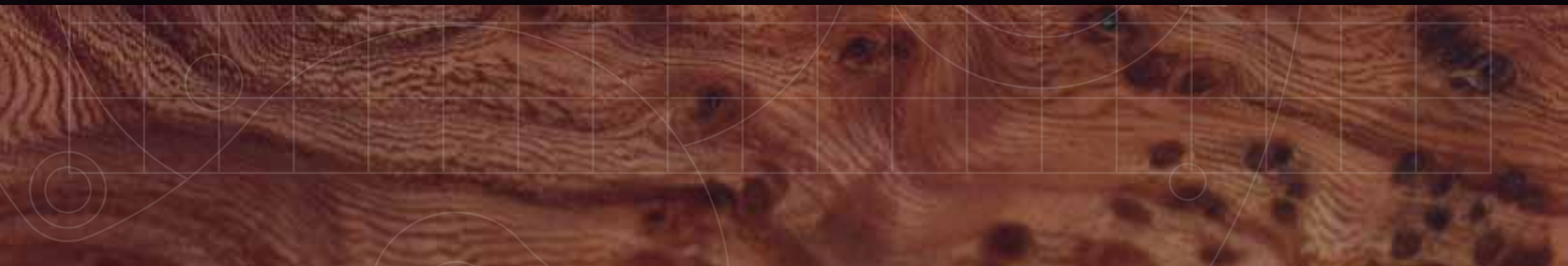


three-quarter plate with yellow gold plated hand-engraving of manufactory name and serial number • retracing ratchet • double sunburst finish on winding wheels • swan-neck fine adjustment on the hand-engraved balance cock • Glycudur screw balance with Nivarox-1 Breguet hairspring

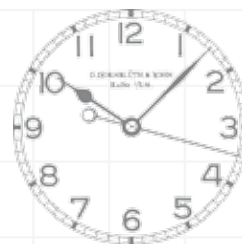
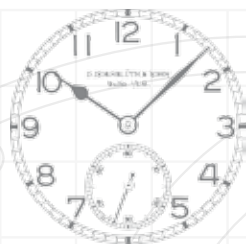




THE ASSORTMENT

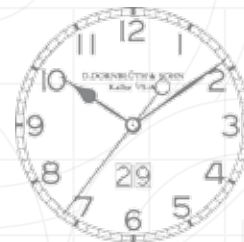
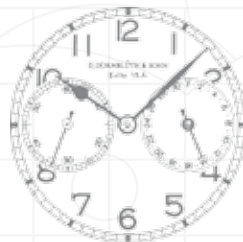
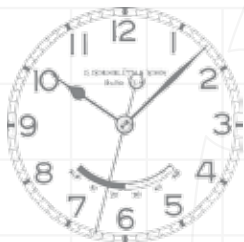






	<i>Model</i>	<i>Page</i>	<i>Model</i>	<i>Page</i>	<i>Model</i>	<i>Page</i>	<i>Model</i>	<i>Page</i>
42 mm	99.1	30	99.AuA 99.10 Auf & Ab	38 40	99.2	44	99.ZS 99.10 Klassik	48 50
40 mm	99.1-M	32			99.2-M	46		
38,5 mm	2010.1 Klassik	34	2010.2 Auf & Ab	42			2010.ZS	52
31 mm	2016.1	36						

OVERVIEW



Model

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99.9

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99.REG

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99.4

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99.10 Regulator

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99.3 (+ Auf & Ab) 66

2010.9

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2010.REG

62

2010.3 Kraftzwölf 70

2010.4 Großdatum 72





SIZES

Actual Size



42 mm



40 mm



38,5 mm



31 mm





The caliber 99.1 is the version reduced to the essentials of the watches in the 99 family.

Movement • height 4.4 mm • 20 rubies • oversized eccentric second display, indirectly driven below the train by means of an intermediate gear, with friction spring and cantilevered second pinion

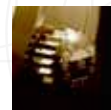
Case • Ø 42 mm • height 11,5 mm • 1.6 mm sapphire crystal

Dial • central display of hours and minutes • oversized eccentric second display at "6 o'clock"

WG



GG



PT



KAL. 99.1 (1) ST



KAL. 99.1 (2) RG





The movement of the caliber 99.1-Medium is identical to the caliber 99.1, but we reduced the case diameter from 42 mm to 40 mm.

99.1-MEDIUM

Movement • 37 mm • height 4.4 mm • 20 rubies • oversized eccentric second display, indirectly driven below the gear train by means of an intermediate gear, with friction spring and cantilevered second pinion

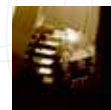
Case • Ø 40 mm • height 10 mm • 1.6 mm sapphire crystal

Dial • central display of hours and minutes • small eccentric second display at "6 o'clock"

WG



GG



PT



KAL. 99.1-M (1) ST



KAL. 99.1-M (2) RG



38,5



The model "Q-2010 Klassik" is the first model from the Quintus family and shows a classic eccentric second display.

QUINTUS 2010.1 KLASSIK

Movement • height 4,7 mm • 29 rubies • oversized eccentric second display, indirectly driven below the train by means of an intermediate gear, with friction spring and cantilevered second pinion

Case • Ø 38.5 mm • height 10.0 mm • 1.0 mm sapphire crystal • screwed-in band tubes

Dial • central display of hours and minutes • eccentric second display at "6 o'clock"

WG



GG



PT



KAL. 2010.1 (GR) ST



KAL. 2010.1 (CER) RG





Due to the high demand, the idea to offer a new, small ladies watch was taken up again and the model 2016.1 emerged from the second genuine manufacture movement family. Its characteristic is the eccentric second display.

Movement • height 4.45 mm • 19 rubies • eccentric second display, indirectly driven below the train by means of an intermediate gear, with friction spring

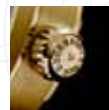
Case • Ø 31 mm • height 8.6 mm • 1.0 mm sapphire crystal • available with diamond bevel

Dial • central display of hours and minutes • eccentric second display at "6 o'clock" • available in mother of pearl or the darker Tahiti-Pearl

WG



GG



PT



KAL. 2016.1 ST





The caliber "Auf und Ab" 99.AuA is equipped with a power reserve indicator just like the first in house developed for the movement 99.2. To achieve a symmetrical dial design, it has been rearranged.

99.AUA

Movement • height 4.4 mm • 19 rubies • oversized eccentric second display, indirectly driven below the gear train by means of an intermediate gear, with friction spring and cantilevered second pinion • power reserve indicator by means of the bevel gear differential

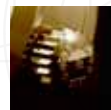
Case • Ø 42 mm • height 12.5 mm • 1.6 mm sapphire crystal

Dial • central display of hours and minutes • small eccentric second display at "6 o'clock" • power reserve display at "12 o'clock"

WG



GG



PT



KAL. 99.AUA (GR) ST



KAL. 99.AUA (2) RG





The World time models provide the home time, and the time of your travel destination. In addition, the "Weltzeit Auf & Ab" comes with a power reserve indicator, which is a helpful complication for traveling.

99.10 AUF & AB

Movement • height 5.4 mm • 20 rubies • central seconds driven by eccentric second wheel • intermediate wheel and seconds pinion below a separate bridge • grained rose gold second pinion bridge with beveled edges and yellow gold serial number • power reserve indicator by

means of a specially developed bevel gear differential • corrector for central hours at "2 o'clock"

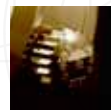
Case • Ø 42 mm • height 12.5 mm • 1.6 mm sapphire crystal

Dial • central display of local hours independently adjustable • central display of minutes and second • eccentric 24 Hour display at "6 o'clock" • power reserve display at "12 o'clock"

WG



GG



PT



KAL. 99.10-AUA (GR) ST



KAL. 99.10-AUA (CER) RG



38,5



The model "Q-2010 Auf & Ab" ("Q-2010 Up & Down") is a combination of eccentric seconds and power reserve indicator.

QUINTUS 2010.2 AUF & AB

Movement • height 4.7 mm • 29 rubies • oversized eccentric second display, indirectly driven below the train by means of an intermediate gear, with friction spring and cantilevered second pinion • power reserve indicator by means of a specially developed bevel gear differential

Case • Ø 38.5 mm • height 10.0 mm • 1.0 mm sapphire crystal • screwed-in band tubes

Dial • central display of hours and minutes • power reserve display at "12 o'clock" • eccentric second display at "6 o'clock"

WG



GG



PT

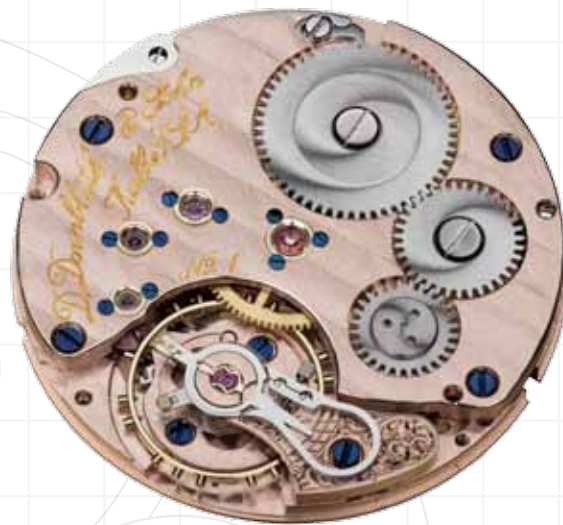


KAL. 2010.2 (GR) ST



KAL. 2010.2 (CER) RG





The caliber 99.2 is the first movement that was developed in the Dornblüth manufactory. With its three-wheel bevel gear mechanism and its subsidiary second driven indirectly below the train, it formed the basis of all following Dornblüth watches.

Movement • height 4.4 mm • 20 rubies • oversized eccentric second display, indirectly driven below the train by means of an intermediate gear, with friction spring and cantilevered second pinion • power reserve indicator by means of the bevel gear differential

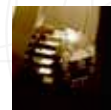
Case • Ø 42 mm • height 11.5 mm • 1.6 mm sapphire glass

Dial • central display of hours and minutes • power reserve scale at "3 o'clock" • oversized eccentric second display at "9 o'clock"

WG



GG



PT

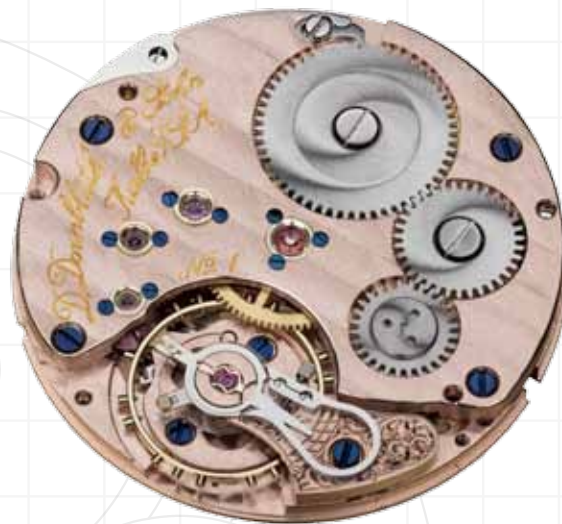


KAL. 99.2 (1) ST



KAL. 99.2 (2) RG





The first model of our manufactory is available in a 40mm case as well.

99.2-MEDIUM

Movement • height 4,4 mm • 19 rubies • oversized eccentric second display, indirectly driven below the gear train by means of an intermediate gear, with friction spring and cantilevered second pinion • power reserve indicator by means of the bevel gear differential

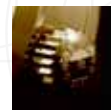
Case • Ø 40 mm • height 10 mm • 1.6 mm sapphire crystal

Dial • central display of hours and minutes • power reserve scale at "3 o'clock" • oversized eccentric second display at "9 o'clock"

WG



GG



PT



KAL. 99.2-M (1) ST



KAL. 99.2-M (2) RG





The Zentrumsekunde or "Center Seconds" presents the family of 3-hand-timepieces from the Dornblüth manufacture a visual simplicity. The dial shows all hour numerals by the centering of all three hands.

ZENTRUMSEKUNDE

Movement • 5.4 mm • 20 rubies • central seconds driven by eccentric second wheel • intermediate wheel and seconds pinion below a separate bridge • grained gold seconds pinon bridge with beveled edges and yellow gold serial number

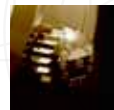
Case • Ø 42 mm • height 12.5 mm • 1.6 mm sapphire crystal

Dial • central display of hours, minutes and seconds

WG



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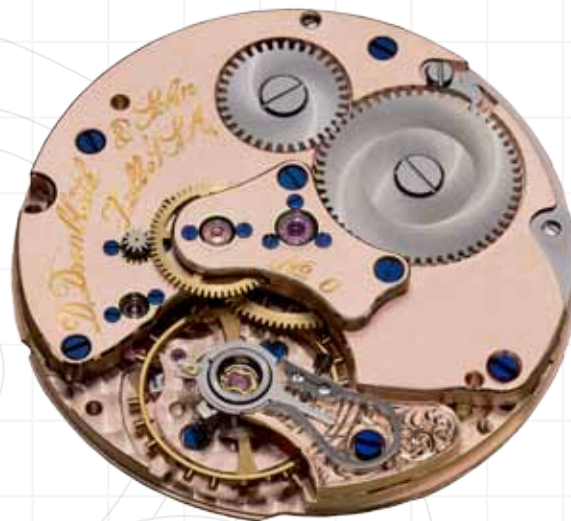


KAL. 99.ZS (1) ST



KAL. 99.ZS (2) RG





The "Weltzeit Klassik" is the base model of the Dornblüth world time series. It features the display of local time and home time, and a center second driven by an eccentric second wheel.

99.10 KLASSIK

Movement • height 5.4 mm • 20 rubies • central seconds driven by eccentric second wheel • intermediate wheel and seconds pinion below a separate bridge • grained rose gold seconds pinon bridge with beveled edges and yellow gold serial number • corrector for central hours at "2 o'clock"

Case • Ø 42 mm • height 12.5 mm • 1.6 mm sapphire crystal

Dial • central display of local hours independently adjustable • central display of minutes and second • eccentric 24 Hour display at "6 o'clock"

WG



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KAL. 99.10-KL (GR) ST



KAL. 99.10-KL (CER) RG



38,5



The dial of model "Q-2010.CenterSecond" shows all hour numerals, realized by the centering of all three hands.

QUINTUS 2010.ZS ZENTRUMSEKUNDE

Movement • height 4.7 mm • 28 rubies • indirect center second driven by third wheel to the center second pinion

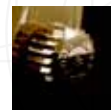
Dial • central display of hours, minutes and seconds

Case • Ø 38.5 mm • height 10.0 mm • 1.0 mm sapphire crystal • screwed-in band tubes

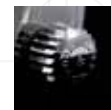
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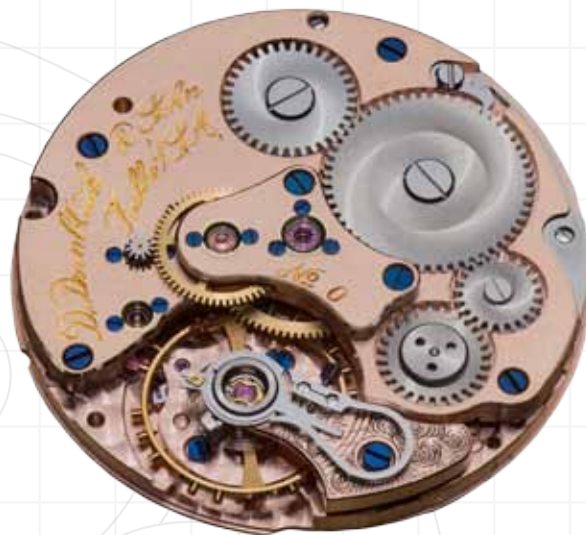


KAL. 2010.ZS (GR) ST



KAL. 2010.ZS (CER) RG





The model 99.9 was created as a further development of the "Center Second" model. It features not only three centered hands and the indication of all hour numbers, but also a power reserve indicator with segments which underlines the restrained design.

Movement • height 5.4 mm • 23 rubies • central seconds driven by eccentric second wheel • intermediate wheel and seconds pinion below a separate bridge • grained gold seconds pinon bridge with beveled edges and yellow gold serial number • power reserve indicator by

means of a specially developed bevel gear differential

Case • Ø 42 mm • height 12.5 mm • 1.6 mm sapphire crystal

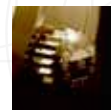
Dial • central display of minutes, hours and seconds • centrally

positioned power reserve display visible through an inverted arch slot in the dial, located at "6 o'clock"

WG



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KAL. 99.9 (GR) ST



KAL. 99.9 (CER) ST



38,5



It features not only three central hands and the indication of all hour numbers, but also a power reserve display in shape of a segment which underlines the subtle design.

QUINTUS 2010.9

Movement • height 4.7 mm • 28 rubies • indirect center second driven by third wheel to the center second pinion • power reserve indicator by means of the bevel gear differential

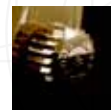
Dial • central display of hours and minutes and second • centrally positioned power reserve display visible through an inverted arch slot in the dial, located at "6 o'clock"

Case • Ø 38.5 mm • height 10 mm • 1.0 mm sapphire crystal • screwed-in band tubes

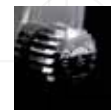
WG



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KAL. 2010.9 (GR) RG



KAL. 2010.9 (CER) ST





The Dornblüth team combined the interaction of the original eccentric hours and the in-house development of the power reserve indicator with a center second and created a new design for the Regulator.

REGULATOR

Movement • 5.4 mm • 20 rubies • central seconds driven by eccentric second wheel • intermediate wheel and seconds pinion below a separate bridge • grained gold seconds pinon bridge with beveled edges and yellow gold serial number • power reserve indicator by means of a specially developed bevel gear differential

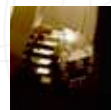
Case • Ø 42 mm • height 12.5 mm • 1.6 mm sapphire crystal

Dial • central display of minutes and seconds • sunken hours display at "6 o'clock" • power reserve display at "12 o'clock"

WG



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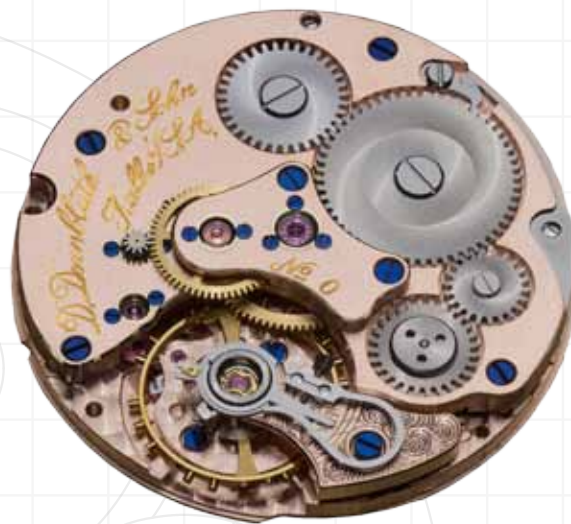


KAL. 99.REG (GR) ST



KAL. 99.REG (2) RG





The Dornblüth "Weltzeit Regulator" is the top model of the world time series. The hours of the home time are shown in the lower small dial, the minutes and the hours of the local time are shown in the main dial.

99.10 REGULATOR

Movement • height 5.4 mm • 20 rubies • central seconds driven by eccentric second wheel • intermediate wheel and seconds pinion below a separate bridge • grained rose gold seconds pinion bridge with beveled edges and yellow gold serial number • power reserve indicator by

means of a specially developed bevel gear differential • corrector for central hours at "2 o'clock"

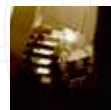
Case • Ø 42 mm • height 12.5 mm • 1.6 mm sapphire crystal

Dial • central display of local hours independently adjustable • central display of minutes and second • eccentric 24 Hour display at "6 o'clock" • power reserve display at "12 o'clock"

WG



GG



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KAL. 99.10-REG (GR) ST



KAL. 99.10-REG (CER) RG



38,5



Model "Q-2010.REGULATOR" is the combination of eccentric hours, power reserve indicator and a center second.

QUINTUS 2010.REGULATOR

Movement • height 4.7 mm • 28 rubies • indirect center second driven by third wheel to the center second pinion • power reserve indicator by means of a specially developed bevel gear differential

Case • Ø 38.5 mm • height 10.0 mm • 1.0 mm sapphire crystal • screwed-in band tubes

Dial • central display of hours and minutes • power reserve display at "12 o'clock" • eccentric second display at "6 o'clock"

WG



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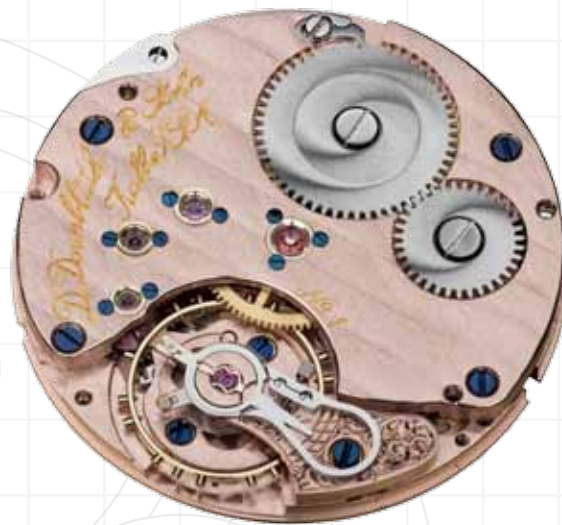


KAL. 2010.REG (GR) ST



KAL. 2010.REG (CER) RG





For those who love our caliber 99.1, Dornblüth manufactory has combined the large "small second" with the new complication, the date.

Movement • height 4.4 mm • 19 rubies • oversized eccentric second display, indirectly driven below the train by means of an intermediate gear, with friction spring and cantilevered second pinion • fast correction of the date by means of a separate button at "2 o'clock" • springing

change of date at 12:00 am

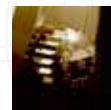
Case • Ø 42 mm • height 11.5 mm • 1.6 mm sapphire crystal

Dial • central display of hours and minutes • extra-large eccentric second display at "9 o'clock" • pointer date at "3 o'clock"

WG



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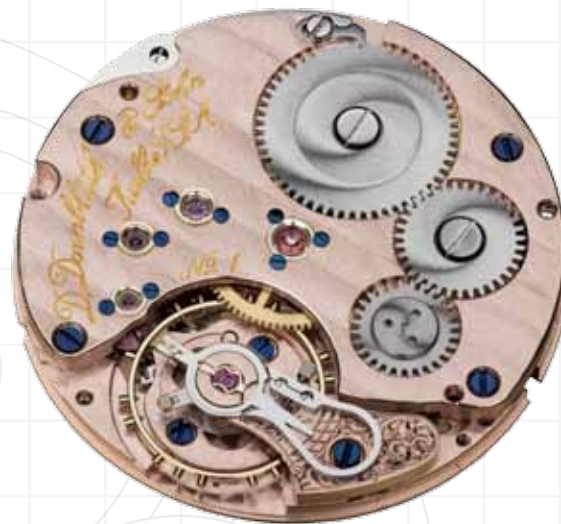


KAL. 99.4 (1) ST



KAL. 99.4 (2) RG





The caliber 99.3 unites the large eccentric second of the caliber 99.1 with the power reserve and date display of caliber 99.2.

Movement • height 4.4 mm • 22 rubies • oversized eccentric second display, indirectly driven below the train by means of an intermediate gear, with friction spring and cantilevered second pinion • power reserve indicator by means of the bevel gear differential • fast correction of the

date by means of a separate button at "2 o'clock" • springing change of date at 12 am

Case • Ø 42 mm • height 11.5 mm • 1.6 mm sapphire crystal

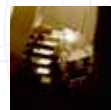
Dial • central display of hours and minutes • extra-large

eccentric second display at "9 o'clock" • pointer date at "3 o'clock" • Power reserve display at "12 o'clock"

WG



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PT



KAL. 99.3 (1) ST



KAL. 99.3 (2) RG





This caliber is defined by the combination of hand date, power reserve indicator, and central second, which completes the caliber 99-collection.

Movement • height 5.4 mm • 25 rubies • power reserve indicator by means of the bevel gear differential • fast correction of the date by means of a separate button at "2 o'clock" • springing change of date at 12:00 am • central seconds driven by eccentric second wheel •

intermediate wheel and seconds pinion below a grained gold seconds pinon bridge with beveled edges and yellow gold serial number

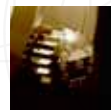
Case • Ø 42 mm • height 12.5 mm • 1.6 mm sapphire crystal

Dial • central display of hours, minutes and seconds • power reserve display at "9 o'clock" • pointer date at "3 o'clock"

WG



GG



PT



KAL. 99.5 (1) ST



KAL. 99.5 (2) RG



38,5



When fully wound, the 2010.3 Kraftzwölf is like the 2010.4 Großdatum, but 24 hours after being fully wound, the red area slides into the "12" which shows the power reserve. A novelty in the world of watches.

QUINTUS 2010.3 KRAFTZWÖLF

Movement • height 4.7 mm • 28 rubies • indirect center second driven by third wheel to the center second pinion • big date with two number discs • fast correction of the date by means of a separate button at "10 o'clock" • power reserve indicator by means of the bevel gear differential

Case • Ø 38.5 mm • height 10 mm • 1.0 mm sapphire crystal • screwed-in band tubes

Dial • central display of hours and minutes and second • big date at "6 o'clock" • hidden power reserve display in number 12



12 12 12 12 12

KAL. 2010.3 (GR) RG



KAL. 2010.3 (CER) ST



38,5



The 2010.4 is the first Dornblüth watch with a big date which is clearly legible. It consists of two discs for the two numbers. Combined with the central second, this model is very simple and functional.

QUINTUS 2010.4 GROSSDATUM

Movement • height 4.7 mm • 28 rubies • indirect center second driven by third wheel to the center second pinion • big date with two number discs • fast correction of the date by means of a separate button at "10 o'clock"

Case • Ø 38.5 mm • height 10 mm • 1.0 mm sapphire crystal • screwed-in band tubes

Dial • central display of hours and minutes and second • big date at "6 o'clock"

WG



GG



PT



KAL. 2010.4 (GR) ST



KAL. 2010.4 (CER) RG



Printed numerals



*silky white,
black numerals*



*matt black,
lume numerals*



*silky white,
blue numerals*



*blue,
lume numerals*

Applied numerals



*silky white,
silver appliques,
black Index*



*matt black,
silver appliques,
white Index*



*silky white,
blue appliques,
dark blue Index*



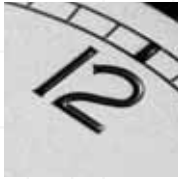
*blue,
silver appliques,
white Index*



*silky white,
black appliques,
black Index*

DIAL VARIANTS

Engraved brass dial



sterling silver, filled black

Ceramic dial



Each component can be dyed either in classic colors such as white, black or blue, but almost any other color is

possible as well, including the luminescent SuperLumiNova for the numbers. The surface is finely grained, a white

dial can also be polished for an enamel-like appearance.

In exceptions, it is possible that not every shade of colour can be produced due to the different pigmentation in individual cases.



STRAPS



Since October 2019, D. Dornblüth & Sohn has cooperated with strap company Geckota. This brand from England supplies us with high-quality watch straps in various colors and always keeps its finger on the pulse of time.



The highest quality standards are maintained, so that the straps give pleasure from the very beginning and are preserved for a long time. Of course, each strap is still thoroughly checked at our manufactory.



Shown here is the "Vintage Highley Genuine Leather", made of genuine Italian leather, with its simplicity in different colors suitable for all occasions.

The pictures on pages 10, 14 center right, 18 top right, 28 left and right, 76, 77, 78, 79 have been provided with kind permission by Geckota Limited.

Geckota



*Genuine Leather
dark brown*



*Genuine Leather
dusty grey*



*Ostrich
black*



*Ostrich
dark brown*



STRAP VARIANTS





Experience Craftsmanship.



D.DORNBLÜTH & SOHN
Kalbe i/S.A.