EZM 7

GB

Sinn

SPEZIALUHREN ZU FRANKFURT AM MAIN

CONTENTS

DEAR CUSTOMER,

We know from numerous conversations that the people who buy our watches do so out of conviction. This includes people with a pronounced affinity to technology who are fascinated, for example, by the solutions we have devised for magnetic field protection and scratch-resistance. Some of our customers, such as divers, pilots or the German GSG 9 special police unit, need to rely on their watch in their respective careers because their life depends on it.

They all swear by the high performance, resilience and durability, as well as the quality and precision of these timepieces. The water and pressure-resistance

data are reviewed and authenticated at regular intervals, as is the case with our diving watches, for instance. We, for our part, give absolute priority to functionality, which ultimately determines the design. Our watches only feature technological attributes that really make sense. All the while, we remain committed to our guiding principle that products have to speak for themselves.

The basic question that we ask ourselves is: which innovative technologies and materials can be employed for our craft and provide solutions for rendering our watches even more practical for everyday use? It is often worth indulging in a little lateral thinking to see what is going on in other industrial sectors or fields of science. We repeatedly go to the limits of physical resources to upgrade our watches — with the aim of making what's good even better. Most of our best developments are yet to come!

I am delighted that you have decided to buy a SINN timepiece and hope that it will continue to give you pleasure for many years to come.

Yours sincerely, Lothar Schmidt

SINN SPEZIALUHREN ZU FRANKFURT AM MAIN

It was back in 1961 that the pilot and blind-flying instructor Helmut Sinn founded the company. Since then, we have been committed to producing high-specification mechanical watches. In 1994, the graduate engineer Lothar Schmidt took control. This marked the beginning of a new era for the SINN brand, because the new owner took a decisive step towards more innovation. Under his leadership, new technologies and materials were introduced, thus providing the crucial incentives for our company's evolution and gradual emergence as an insiders' tip for lovers of fine watches. Today, our name stands for technical innovations, much to the delight of both the trade and our customers alike.

All developments thoroughly tested

Take, for instance, the absolutely condensation-free and anti-reflective diving watch made of stainless steel — designed with HYDRO Technology. Other examples include a chronometer chronograph fashioned from a 22-carat gold alloy, which is as hard as stainless steel, and a chronometer whose resistance to magnetic interference is 20 times greater than normal. Or those models filled with protective gas and featuring an integrated dehumidifying capsule to counteract moisture infiltration and the ageing of the watch movement. This list would not be complete without mentioning the development of so-called Einsatzzeitmesser (EZM) watches for special police units and border guards, and the lubrication and tolerance technology that allows mechanical watches to perform at temperatures ranging from –45 °C to +80 °C. The 303 KRISTALL model passed the fire and ice test during the 1998 Yukon Quest sledge dog race that crosses the icy wilderness of Canada and Alaska, where temperatures are known to plunge to –40 °C. The watch was strapped to the arm of some of the participants on top of their protective clothing. This was followed in 1999 by the 203 ARKTIS model. This diving chronograph passed its field test in the North Polar Sea with flying colours.

Innovations and authentications

One of our most important inventions is the oil-free DIAPAL Technology, based on low-friction materials for the key functional parts of the watch, enabling them to run without lubrication. This technology was first employed in our jubilee model, the palladium alloy/white gold Frankfurt Financial District Watch. TEGIMENT Technology, with which SINN achieves a virtually scratch resistance surface hardness up to 1500 HV (Vickers hardness) for its stainless steel watches, represents another milestone. Other innovations include diving watches made from original submarine steel, as used in the construction of the outer shell of German class 212 submarines. Germanischer Lloyd, the world's biggest classification society providing marine safety services, has been testing the aspects of water and pressure resistance since 2005. Moreover, an official authentication process conducted by Germanischer Lloyd in 2006, SINN diving watches as diving gear for the very first time in the watch making sector and tested them in keeping with European diving equipment standards. The result: these timepieces passed the temperature resistance and functionality tests with a sensational success. All test results are authenticated with signature and seal.

Ongoing advancement in technology and quality

Our top priority is always to develop watches which offer superior performance — both in daily and in professional use. Which is why our engineers are working continually to identify which innovative methods, materials and technologies are best suited for optimising our watches. Each new development first has to undergo rigorous practical tests before being incorporated. And no watch leaves our workshops before it has been subjected to thorough checking and fine adjustment by our master watchmakers.

Workshop modifications and hand-engraving

From the robust case and the polished crystal through to elaborate refinements: we make sure that each and every detail in our watches is fit for purpose. The same applies to our workshop modifications. Only the perfect interaction of all components and technologies ensures that our watches can meets all its design specifications in full. For example: the SZ02 calibre of our U1000 diving chronograph. The 60 minute scale of the stop-minute counter is much simpler and more intuitive to read than the 30 minute scale commonly found in other watches. The hand engraving represents a highly personal form of refinement. If required, our specially trained master engraver can etch a name, initials, monograms or symbols onto the rotor, movement bridge and case back.

LETTER FROM TOMÁS STANKE

Chief Fire Inspector, Hattingen Fire Brigade

Allow me to begin by telling you a little about my profession and my passion for timepieces.
I have been a fireman for more than 19 years, and it's not just an occupation but a vocation for me.

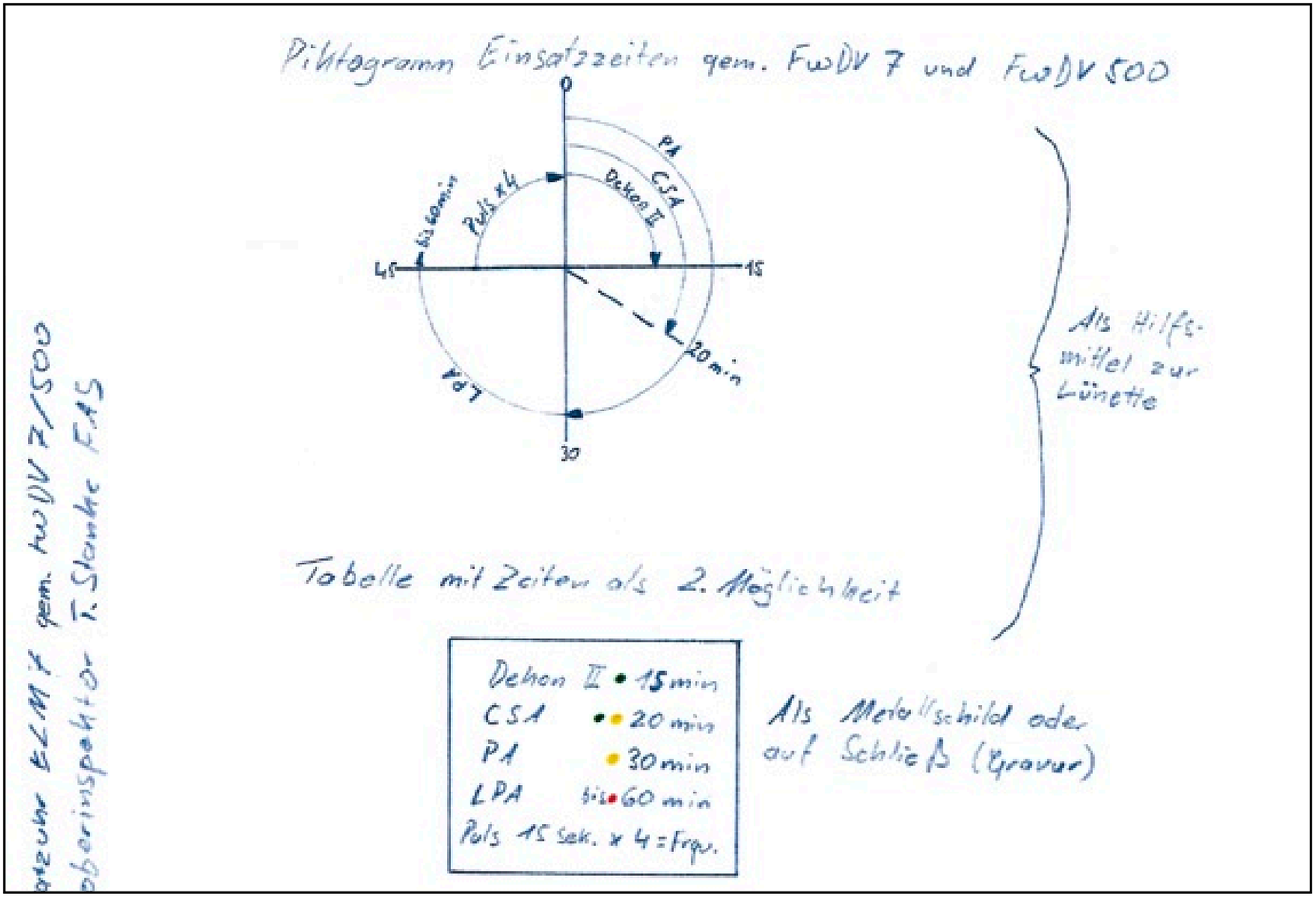
I began my career in 1991 as a mid-level civil servant with the fire-fighting services in Bochum, where I received training as a fire chief. I logged several thousand hours of emergency service and gained extensive experience while also participating in ongoing educational programmes. I was trained as a paramedic, group leader and finally, in the year 2003, as a fire inspector and was promoted to the upper grade of the civil service. Subsequently I was made chief guard, head of the fire-fighters school and safety coordinator. I authored mission concepts and risk assessments and was responsible for organising and supervising the training programme for new candidates for the fire brigade. Since I transferred to the Hattingen fire department I have primarily served as head of operations, responsible for coordination and consulting on safety issues as

well as personnel management. Between 2007 and 2009 I completed a correspondence course and was certified as an expert in occupational safety.

I have also been fascinated by watches since I was 16. In fact, they have become my passion – it involves more than just observing the watch market and keeping abreast of technical innovations and prices, more than reading the trade press, advertisements and contributions to various forums. And it is not just limited to knowing about calibre and production techniques. Above all, my passion has been finding the perfect watch for every situation that may arise in my life. I've tried out many watch brands and become more or less acquainted with many of them.

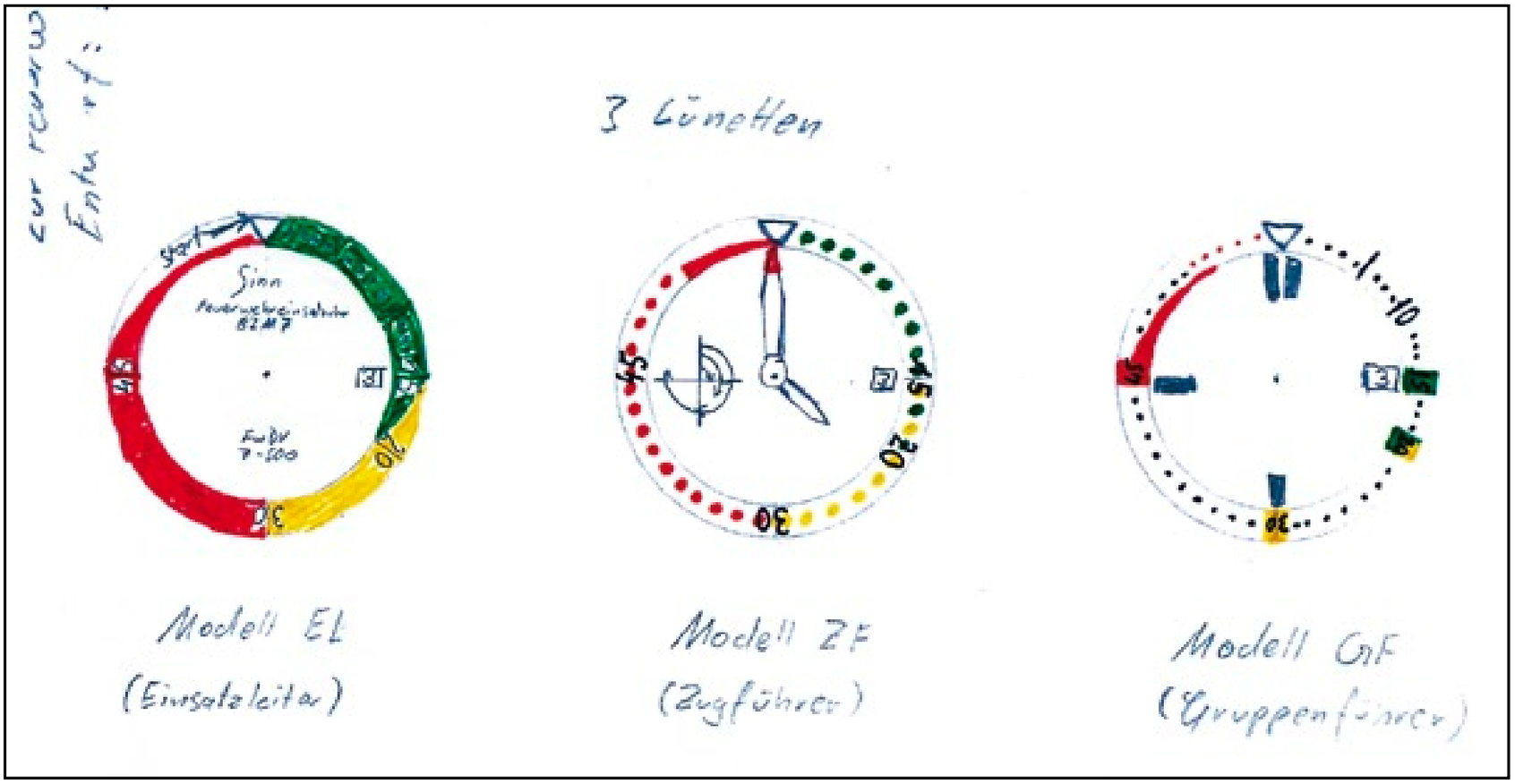
Over the years, and also influenced by my experiences in my profession, I have placed increasingly greater demands on my wristwatch. As a fireman I demand a lot from my timepiece, and I have tested many different models. My primary criteria have always been wearing comfort, readability in any situation, reliable seals and convenient operation. Many watches were unable to withstand the stress firemen's watches are subjected to. Heavy blows to the case and crystal, for example when handling equipment, moisture, steam, the heat of fire scenes – all of these prove too much for most wristwatches.

At some point I thought it would be a good idea to design a special mission timer watch for use by firemen. I combined my expertise and experience as a fireman with the demands I placed on a watch suitable for day-to-day use in fire-fighting missions. I also wanted it to be possible to read off mission times as described in the fire service manuals (**F**euer**w**ehr**d**ienst**v**orschriften, **FwDv**) 7 and 500.
So I made some simple drawings of dials and bezels. The inclusion of a variety of mission times and processes described in the fire service manuals resulted in a clear idea of what a fireman's mission timer should be capable of. The dial would be a pictogram with all important mission times, and the bezel would be able to count off these times with the help of the minute hand. For reasons of clarity I represented the mission times on the bezel with the traffic-signal colours red, yellow and green, which are often used in fire-fighting.
There was only one company I could imagine implementing my idea. It was my wish that Sinn Spezialuhren would manufacture the fire-fighting mission timer. At the time, I was using a SINN 857 model, a watch that fulfilled all the demands of the fire-fighting profession in terms of the material and technology used to make the case, its magnetic field protection, dehumidifying technology, water resistance, readability and general functionality. I was very satisfied with that watch, but in spite of its attractiveness and its functionality it was still a pilot's watch. I remained fascinated by the idea of creating a watch specifically for fire-fighting missions.



Finally, in June of 2009, I screwed up my courage and sent an email to Sinn Spezialuhren. The response was positive, and after a very nice telephone conversation with Lothar Schmidt we met in person in Frankfurt in August 2009. I was given the opportunity to present my idea to him and two of his executives. My ideas were well received and in that first meeting we began discussing how SINN could go about implementing them.

I'll never forget the moment when we were saying goodbye, and Mr Schmidt shook hands with me and my wife and said, "We'll make that watch!" Another incredibly exciting and joyful moment came in December 2009, when I received an email from the development department containing the first draft of the prototype. For the first time, I saw a professionally made EZM 7 fire-fighting mission timer. The engineers at SINN had perfectly realised all my thoughts, ideas and wishes. I was closely involved in working out the finer details, and there was further email correspondence to coordinate the fine-tuning.



There were more than 20 revisions before the final, optimal version was achieved. Thus I gained a lot of insight into the development process and planning stages of a specialised timepiece, from the initial idea to the finished product, and now I know how many hours are required to bring a project like this to fruition.

My initial impression about Sinn Spezialuhren was ultimately confirmed, and I would like to express my respect for all the employees who played a part in this project. They made a concerted effort to acquaint themselves with an area of technical expertise that lay outside their normal sphere, and their high standards resulted in a perfect specialist chronograph. I hope that the knowledge I contributed on behalf of all firemen has resulted in a mission timer that fulfils all the relevant requirements for professional and volunteer fire-fighters, and that can also accompany them everywhere they go.

Here's to safety, a passion for specialist watches and solidarity among all fire brigades.

Tomás Stanke

KEEPING TRACK OF DETAILS, EVEN IN AN EMERGENCY

When an emergency call comes in to the fire brigade and rescue personnel, perfect coordination is of the essence. Whether a residence is in flames, dangerous chemicals have escaped into the environment or an ambulance is needed – fire-fighting and rescue personnel are on the scene within minutes. It's also essential for all of these personnel to monitor the amount of time spent in the danger zone. Sinn Spezialuhren manufactures a bezeled mission timer capable of keeping track of elapsed time on fire-fighting missions: the EZM 7 model.

When they're finding their way through an unknown building, laden with breathing apparatus and other heavy equipment, struggling against smoke and flammable gases, rescue personnel are concentrated on their task – saving lives, fighting fires and preventing the situation from escalating. That's why it's important for them to know at all times which team has been on the premises for how long, and to adhere to the prescribed mission times. There are strict regulations governing respiratory equipment (**A**tem**s**chutz**ü**berwachung, **ASü**). Every extra minute spent in the danger zone can be life-threatening. The teams are often exhausted by the time they start making their way back out.

With the professional assistance of chief fire inspector Tomás Stanke, we have developed a mission timer that facilitates reading off the most important mission times in accordance with fire service manuals 7 and 500 (**F**euer**w**ehr**d**iensts**v**orschriften, **FwDv**).

On the front lines with respiratory equipment

Saving lives and fighting fires, indoors and out, are part of the everyday routine of Germany's fire fighters. They are often called upon to work in environments where there is not only little breathable oxygen but also poisonous gases. It is imperative – and required by law – to make use of breathing apparatus. Compressed air breathing apparatus (PA – Pressluftatmer) is an important part of firemen's protective equipment and makes it possible for them to work in toxic environments. Missions involving respiratory equipment are subject to strict regulations and procedures (FwDv 7). They are practised and drilled at regular intervals with a view toward achieving the primary goal in case of an actual emergency: preventing danger to people, animals and property.

Expert's note:
Chief Fire Inspector T. Stanke, Safety Coordinator (FAS)

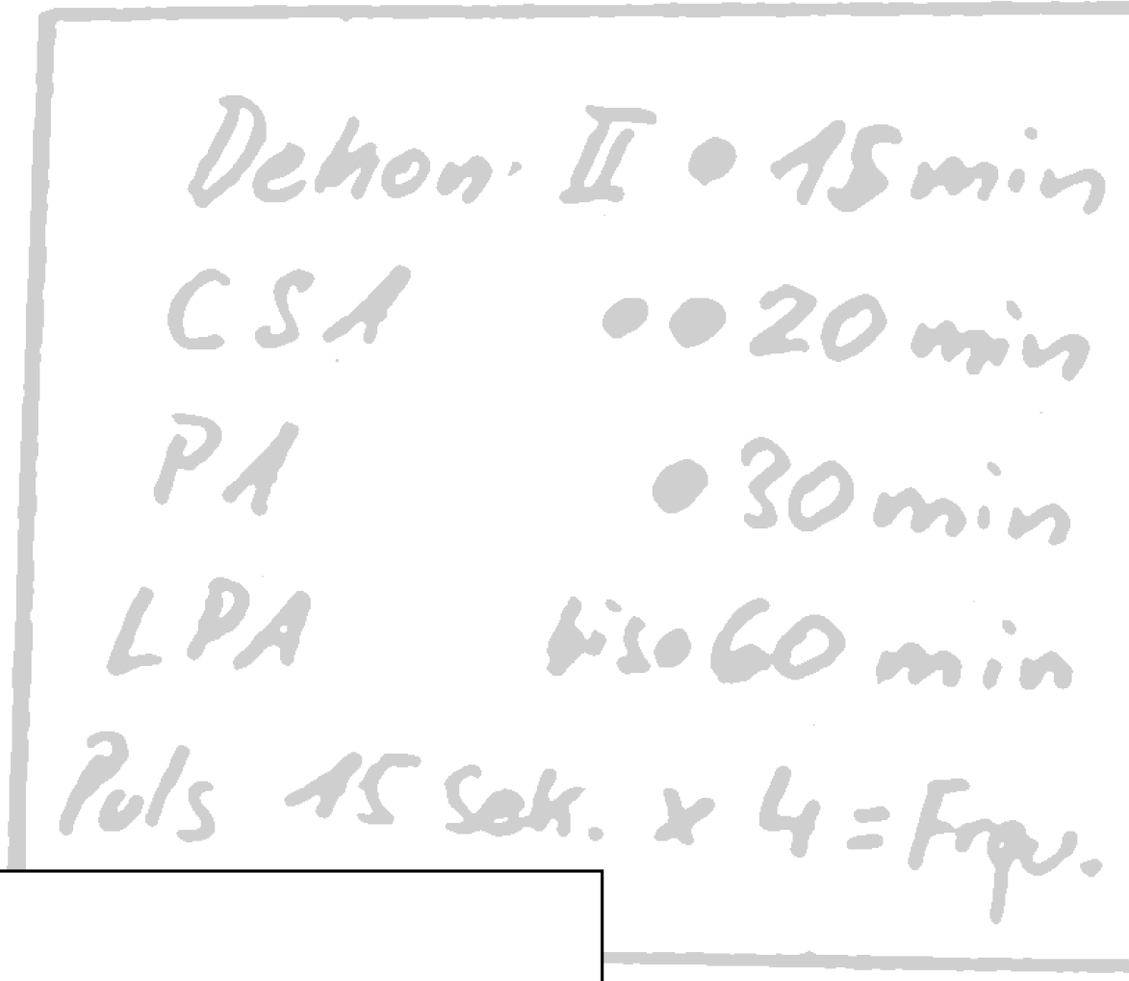
Firemen rely on numerous pieces of special apparatus for monitoring and controlling respiratory equipment, including electronic monitoring devices, acoustic and visual positioning systems, etc. These are supplemented by organisational safety plans in compliance with the regulations set out in FwDV 7. The EZM 7 mission timer can provide additional assistance, provided wearing a wristwatch is deemed safe following a risk analysis in accordance with the fundamentals set out in GUV-V A1 (principle of prevention §3).

Respiratory equipment – constant monitoring of mission times

To protect the lives and ensure the safety of personnel, strict monitoring of elapsed time on fire-fighting missions is specified in fire service manuals 7 (Feuerwehrdienstvorschrift, FwDv). The team leader is responsible for monitoring respiratory equipment. Officers working outside the danger zone help register the officers wearing the equipment and also record the time when the breathing apparatus is put into operation. They are also responsible for notifying the emergency teams by radio when one-third and two-thirds of the expected mission time have elapsed. They remind the wearers of the breathing apparatus to check the pressure level in the oxygen containers.

When calculating mission times, it is assumed that officers will require twice as much air for the return trip from the (indoor) mission site to the safe area where the officers can remove their breathing apparatus as they required going in. This is due to such potential factors as exhaustion, the added weight of rescued persons or increased respiratory rate. At least one additional officer is ready on stand-by for each team member using respiratory equipment and can provide assistance in case of emergency.

Monitoring tables and a reliable watch are indispensible for the officers in charge – whether the mission is a conventional fire-fighting task or a special NBC situation.



Expert's note:
Chief Fire Inspector T. Stanke, Safety Coordinator (FAS)
Electronic monitoring equipment also includes a watch, generally a battery-operated digital display that is built into the board. Virtually no one gives the accuracy of these timepieces a second thought. But in case this equipment fails, it is advantageous to have a reliable, high-quality mechanical watch as a backup – provided the wearing of a wristwatch is allowed under the regulations contained in GUV-V A1. In this case, the EZM 7 model is ideally suitable for providing a safe and reliable overview of the elapsed time.

Provision of Level II Decontamination on NBC missions

In the case of NBC missions (nuclear, biological or chemical hazards), the team leader must also monitor a second important aspect: the length of time until level II decontamination is carried out (standard decontamination on missions involving special equipment). The fire service manuals specify that a maximum of 15 minutes may elapse from the point in time when personnel don the equipment until level II decontamination is carried out. The decontamination area must be upwind of the danger zone and clearly divided into a "black" (contaminated) and "white" (clean) area. Rescue teams and rescued persons must pass through this decontamination area to prevent the spread of toxicity.

Expert's note:

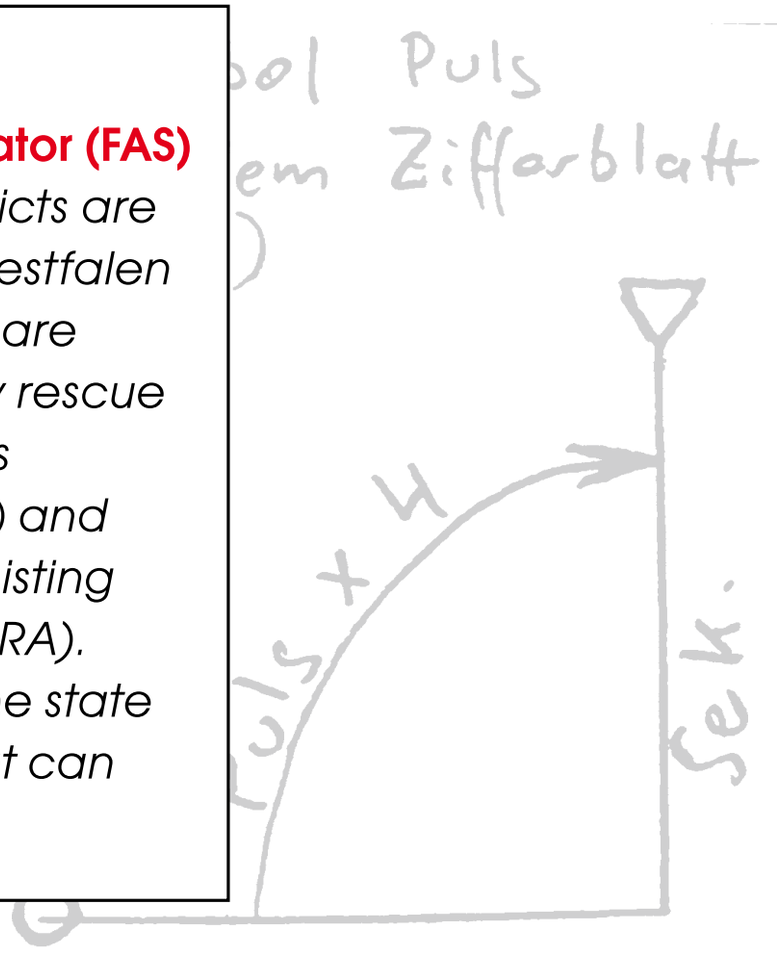
Chief Fire Inspector T. Stanke, Safety Coordinator (FAS)

The decontamination level depends on the number of persons to be decontaminated. Various manufacturers offer different technologies for level II decontamination. Generally speaking, level II should be sufficient for decontaminating 5-10 persons. In most cases the individual technological modules of level II decontamination rely on emergency decontamination, which must be executed immediately before beginning a NBC mission.

Checking the pulse quickly

When it comes to preventing hazards and saving lives, fire fighters are on the front line. This is why emergency personnel are also trained in rescue procedures. Measuring a victim's pulse is an important aspect. When the "Pulse x4" function is activated, the EZM 7 mission timer provides a quick way of measuring a person's pulse: You count the pulse rate for 15 seconds (ideally starting when the second hand reaches one of the four coloured markings) then multiply the number by four. For example, 19 beats in 15 seconds equals a pulse rate of 76.

Expert's note:
Chief Fire Inspector T. Stanke, Safety Coordinator (FAS)
State laws stipulate that local towns and districts are responsible for rescue teams. In Nordrhein-Westfalen (state of Germany) , for example, fire fighters are deployed to fight fires and act as emergency rescue personnel. They are, as a minimum, trained as ambulance personnel (Rettungssanitäter, RS) and in some cases as paramedics capable of assisting the emergency physician (Rettungsassistent, RA). Certification as a paramedic is granted by the state following a two-year training programme that can be completed while serving as a fire-fighter.

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Overview of the most important mission times

Over the past few years, the increasing risks posed by fire-fighting missions have resulted in improved technologies and stricter regulations. On the basis of physiological aspects (e.g. physical fitness, age), length of experience, the added strain of contemporary fire protection clothing and equipment, and the specifications of the fire service manuals (**F**euer**w**ehr**d**ienst**v**orschriften, **FwDv**) 7 and 500, it is possible to calculate the maximum permissible mission times.

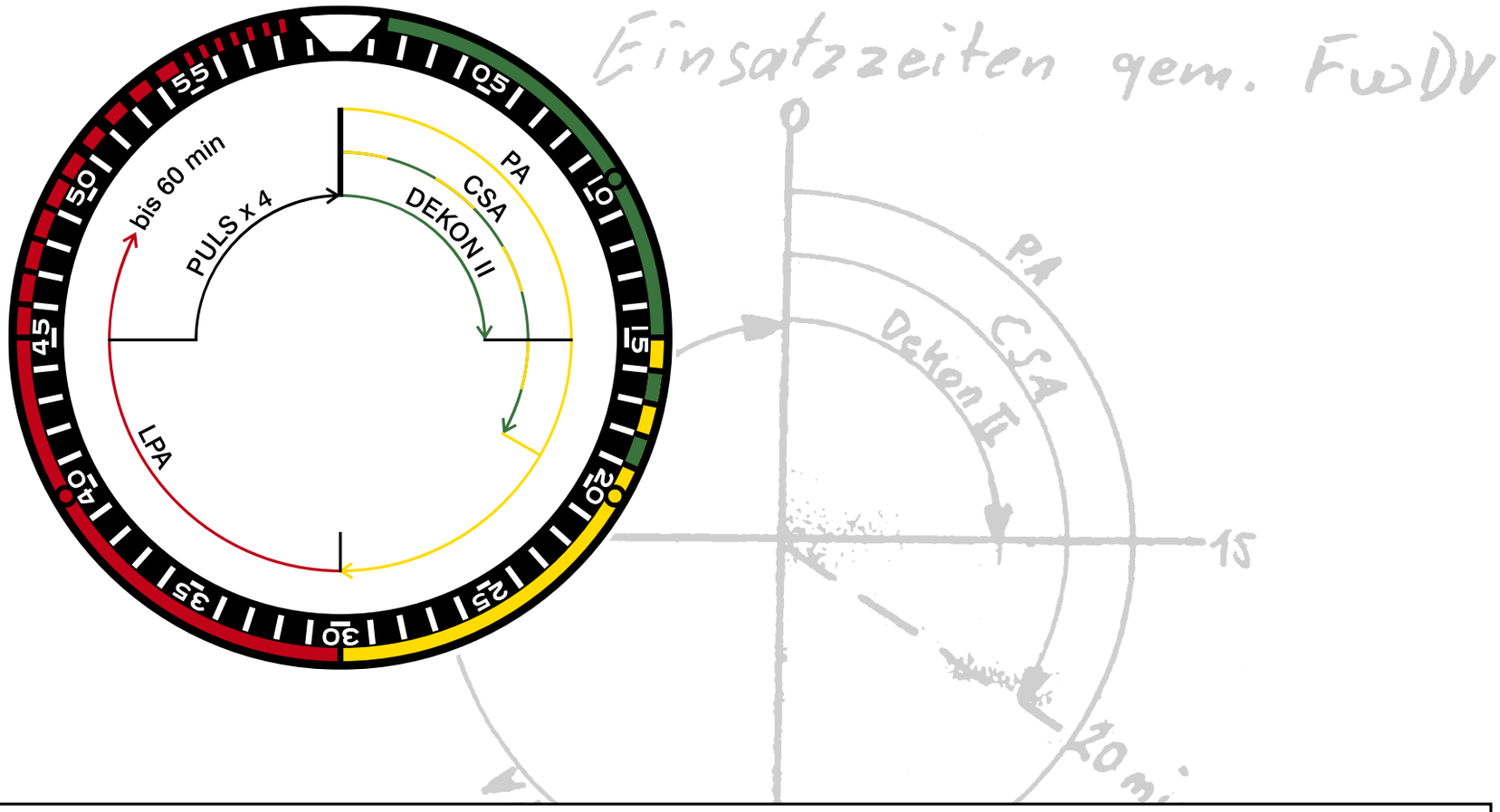
They are as follows:

- **20 minutes** in a chemical protective suit (CSA),

- **30 minutes** using compressed air breathing apparatus (PA) whereby the pressure level must be double-checked after 1/3 and 2/3 of the expected duration of the mission

- and **max. 60 minutes** using extended-time compressed air breathing apparatus (LPA), e.g. in case of longer approach routes.

- The fire service manual FwDv 500 specifies the following mission times for NBC missions: Standard decontamination (usually level II decon) must be made available within **15 minutes.**

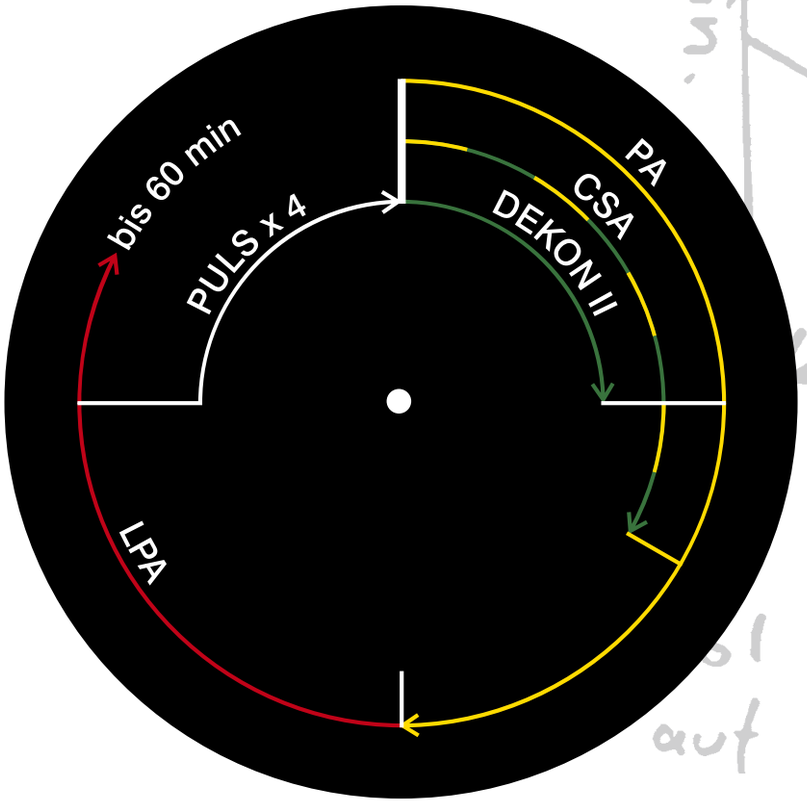


Expert's note:

Chief Fire Inspector T. Stanke, Safety Coordinator (FAS)

The fire service manual FwDv 7 no longer refers to specific times, so the total mission time e.g. using compressed air breathing apparatus may be less than 30 minutes, depending on physical exertion and breathing frequency. This is why pressure must be monitored after each third of the expected mission duration. The officer with the highest consumption rate serves as the standard for calculation. Scientific studies (STATT) and analyses have shown that mission times in excess of 30 minutes are risky when extreme performance is required in the danger zone.

The pictogram on the dial



This diagram provides a quick overview of the start and end times of the important time stages of NBC missions and missions requiring respiratory equipment.

PA: Compressed air breathing apparatus
CSA: Chemical protective suit
LPA: Extended time compressed air breathing apparatus
DEKON II: Standard decontamination


FEUE

FIRE-FIGHTING MISSION TIMER

EZM 7
EINSATZZEITMESSER

On fire-fighting missions, speed and precision are of the essence. There are tasks to be coordinated, teams to be deployed and decisions to be made. In the hectic early phase, the team leader must process a great deal of information – and always keep an eye on the (elapsed) time. The fire-fighting mission timer was developed for precisely this purpose with the professional assistance of Chief Fire Inspector Tomás Stanke.

The model EZM 7 mission timer with colour-coordinated bezel is easy to use and facilitates the rapid setting and reading of the most important mission times for fire-fighting and rescue personnel. As with our diving watches, the captive bezel can also be operated when wearing gloves.

Its high-quality workmanship and special technologies make the model EZM 7 mission timer extremely resistant to water, steam, dust, scratches, temperature fluctuations and the influence of magnetic fields. The TEGIMENT case has a surface hardness of 1200 vickers. And the anti-reflective sapphire crystal glass and luminous indices ensure optimal readability both day and night. Thus this timepiece is optimally suited for use in demanding fire-fighting and rescue missions.

To wind the watch (crown position 1)

The crown is screwable (crown position 0). To loosen the crown, turn it *counter-clockwise*. The movement is wound by turning the crown *clockwise*. About 40 winds of the crown are generally enough to ensure its reliable functioning. Under normal circumstances, simply wearing the watch every day should suffice to keep the self-winding mechanism wound. The power reserve allows you to take off your watch overnight without having to rewind it.

Time adjustment (crown position 3)
In crown position 3, the motion is paused. This helps you to set the watch precisely. For accurate time setting, we recommend moving the hand past the desired minute marker and then adjusting it *counter-clockwise*. Please make sure that the date changes at midnight and not at midday when adjusting the time. Move the hand forward until the date changes before you attempt to set the time. The movement restarts as soon as you leave crown position 3.

Quickset date adjustment (crown position 2)
Set the crown in the position 2 and turn it *counter-clockwise* until the correct date appears in the date display window.

Setting the second time zone (crown position 2)
The crown is screwable (crown position 0). To loosen the crown, turn it *counter-clockwise*. You can use the second time zone (UTC) either for an additional display of the time of day or night or for the display of a time in a second location such as New York (six hours behind Central European Time). To do this, turn the crown in Position 2 *clockwise* until you reach the correct time. The 24-hour arrow hand moves on the hour.

Please take care to fasten the crown after making adjustments.

Easy overview of times thanks to colour-coded bezel

When a mission requiring respiratory equipment gets under way, the bezel is set so the "zero" point which corresponds to the current position of the minute hand (zero position). This makes it possible to see precisely when the team must be relieved, e.g. after 20 minutes in a chemical protection suit (CSA green/ yellow), after 30 minutes with compressed air breathing apparatus (PA yellow) and after max. 60 minutes with extended-time compressed air breathing apparatus (LPA red). The black circle above the numbers 10, 20 and 40 also shows when 1/3 and 2/3 of the mission time has elapsed for 30 and 60 minute missions. This is an important detail because the monitoring officer must remind the team to check the pressure level in the containers when one-third and two-thirds of the expected mission time has elapsed.

In the case of NBC missions (nuclear, biological or chemical hazards), the green scale can simultaneously be used to read off the time remaining until level II decontamination (standard decontamination for missions requiring special protective equipment). The regulations specify that level II decontamination must be made available no later than 15 minutes after emergency personnel enters the danger zone (green).

Added safety

The bezel with minute ratcheting can only be turned counter-clockwise, like those of SINN diving watches. This ensures that even if the bezel is turned inadvertently, the maximum time will never be exceeded (the worst that can happen is that the mission is cut short).

Colour-coded bezel

Green for Dekon ii

Green/Yellow for CSA

Yellow for PA

Red for LPA

Coloured check points mark the first and second thirds of the maximum operation time

Example:

A time mission requiring compressed air breathing apparatus (PA yellow)

When the mission begins, you set the triangle on the bezel (zero mark) to the current position of the minute hand. The green circle reminds you when one third of the mission has elapsed. You must check the pressure level in the first third of the maximum mission time (in this case, ten minutes). The yellow circle indicates the second monitoring time after a maximum of 20 minutes. Once the minute hand reaches the red zone, indicating the maximum time for a mission requiring compressed air breathing apparatus has been exceeded (30 minutes), the team is overdue.

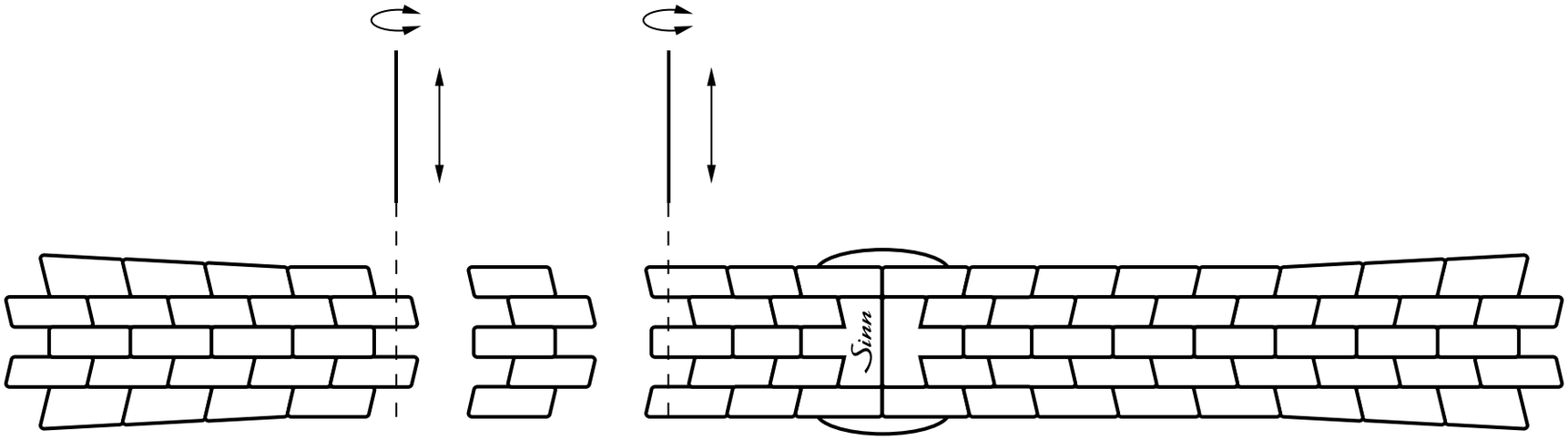
ADJUSTING THE LENGTH OF THE WATCH STRAPS

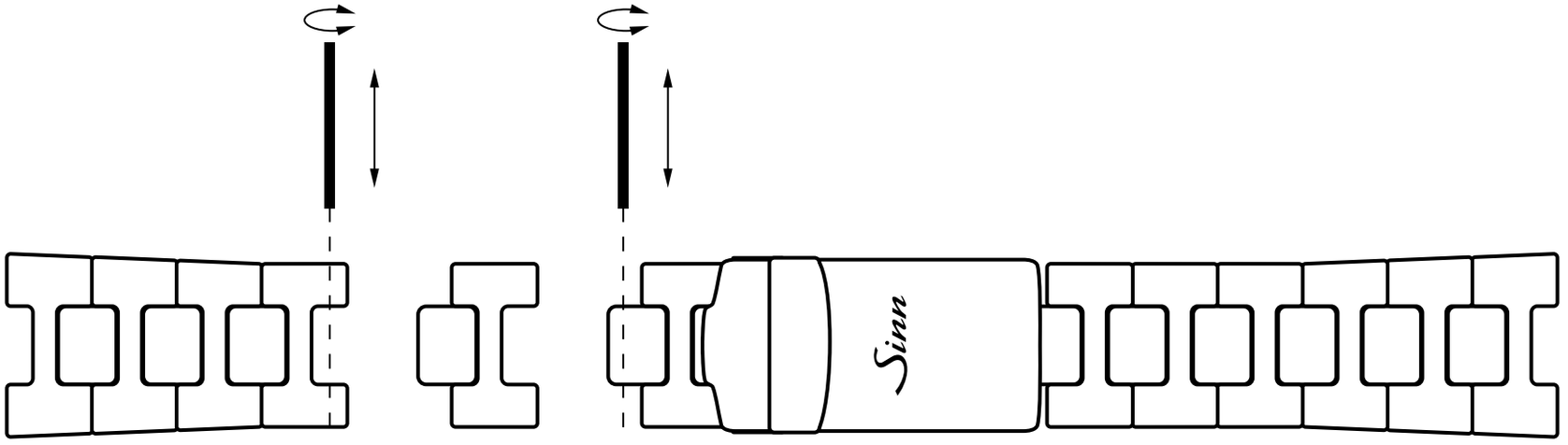
If you don't know how to shorten or lengthen the solid bracelet, please contact your SINN dealer or the watchmakers in our customer service department in Frankfurt am Main. Our customer service employees are also happy to help you on the telephone.

Adjusting the length of the solid bracelet
To adjust the length of the bracelet, you will need a watchmaker's screwdriver or the SINN watchband replacement tool kit and AN 302-42 medium-strength threadlock adhesive.

For optimal comfort, each side of the watchband should contain the same number of links. If you choose to remove an uneven number of links, the upper portion of the watchband (on the 12 o'clock side) should be longer. For example: If you want to shorten the bracelet by removing a total of three links, you should remove two from the 6 o'clock side and just one from the 12 o'clock side. When they leave the factory, the solid bracelets have the same number of links on the 12 o'clock side and the 6 o'clock side. If you have requested a shorter length, please be sure to check the number of links on each side before making any additional changes.

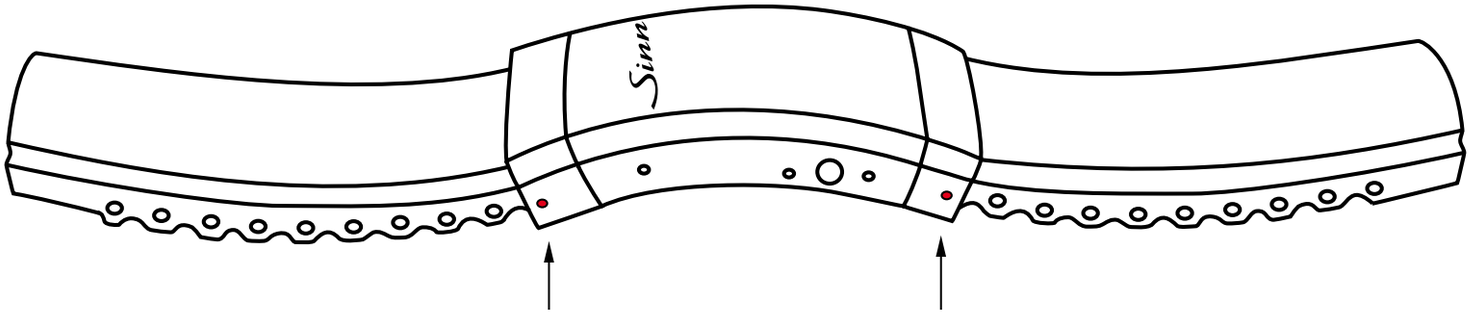
1. Remove the screws on the side of the link you wish to remove, or at the point where you wish to add a link.
2. Remove the excess link or insert the new one.
3. Before replacing the screw, add a small drop (not too much!) of the threadlock adhesive to the screw thread.



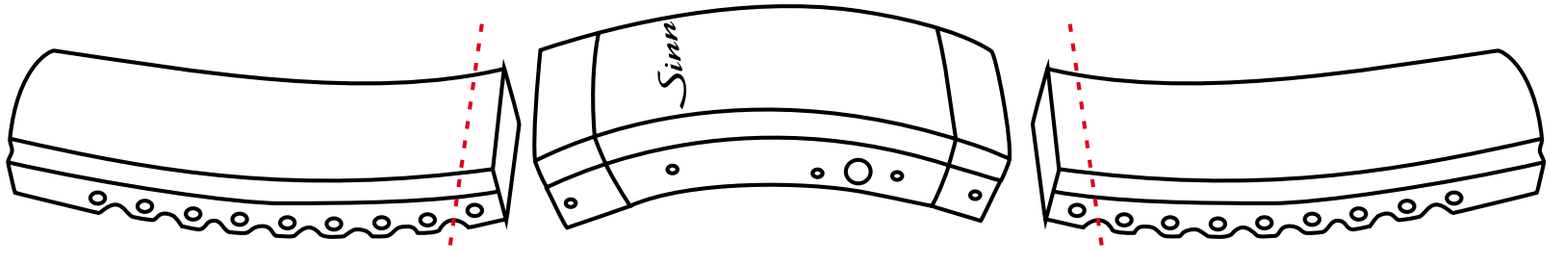


Adjusting the length of the silicone strap

1. Release the silicone band from the clasp. To do so, using the pointed end of the band replacement tool to push the spring bar out of the fastener. The other side of the spring bar can be removed while the fastener is open, enabling you to remove the silicone band.



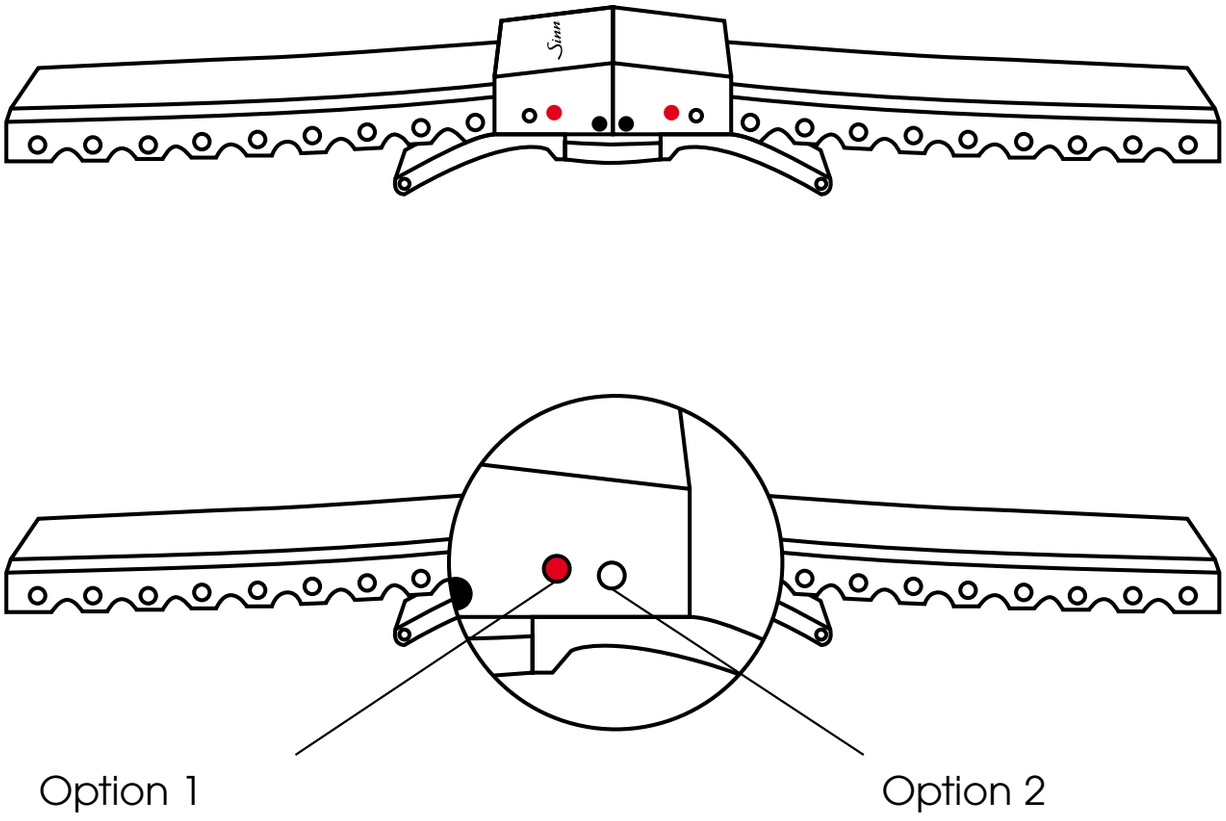
2. Using a knife or scissors, cut the silicone band in the middle between two metal pins. You should shorten the band symmetrically and little by little, starting from the clasp, until you have reached the desired length. Test the length from time to time before proceeding. Shortening both ends by the length of one metal pin results in a total difference of 10 mm in the length of the strap; shortening one end reduces the length by 5 mm.



3. Remove the first metal pin and replace it with the spring bar. Then re-attach the clasp to the band.

How to install the strap with a small butterfly clasp

There are two ways of installing the spring bar using the small butterfly clasp. We recommend inserting the bar in the opening shown here in red. Should the silicone strap be too tight, use the second option (shown here in white).



If you want to shorten the overall length of the silicone strap, refer to steps 1 to 3.

Ar-DEHUMIDIFYING TECHNOLOGY

Indication colours of the drying capsule

Pale blue

up to 25 % saturation

Initial condition

Light blue

up to 50 % saturation

Medium blue

up to 75 % saturation

Dark blue

up to 100 % saturation

Drying capsule saturated

The colour scale for the Ar-Dehumidifying Technology: the capsule continues to absorb moisture until the darkest colouration is reached.

Perfect freedom from fogging

All watches in this series are water-resistant as per DIN 8310. But even with watertight instruments, the air enclosed in the case contains water in a gaseous state. And air can also penetrate the seals and acrylic glasses. When the water vapour in the case condenses into liquid, the instruments are impossible to read. To prevent this from happening, we have developed the Ar-Dehumidifying Technology. The combination of a special drying capsule, EDR seals (**e**xtreme **d**iffusion **r**eduction) and a filling of protective gas guarantee that the crystal remains free from fogging, even in difficult conditions.

Longer service intervals

The sophisticated Ar-Dehumidifying Technology considerably retards the aging process of the watch's inner workings and keeps the movement functioning properly for longer. That is why we issue a three year warranty on all our watches featuring Ar-Dehumidifying Technology. When the drying capsule is saturated indicated by a deep blue colour, refer to picture on the left side), we recommend you have it exchanged so you can continue to enjoy all the advantages of the Ar-Dehumidifying Technology (enhanced reliability, longer maintenance intervals).

Luminous

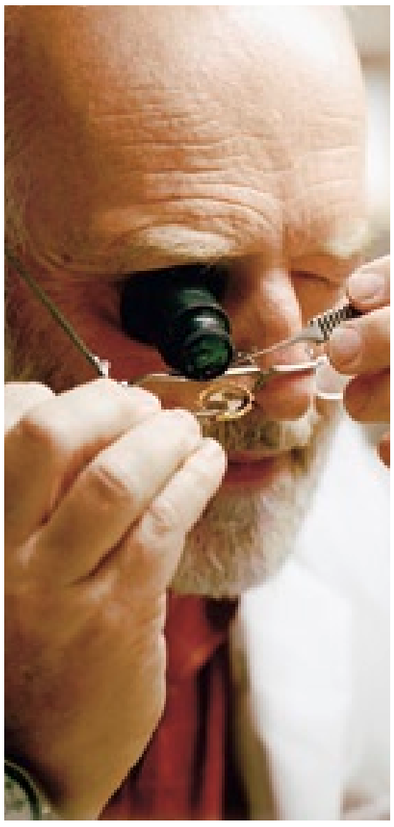
TECHNICAL DETAILS EZM 7

Mechanical Movement
- Calibre ETA 2893-2
- Self-winding mechanism
- 21 bearing jewels
- 28,800 semi-oscillations per hour
- Shock resistant as per DIN 8308
- Anti-magnetic as per DIN 8309

Functions
- Hours, minutes, seconds
- Second time zone on a 24-hour basis
- Date display
- Colour-coded key operation bezel for breathing protection and NBC rescue operations and with minute ratcheting and luminous triangle

SINN Technologies/Special Features
- Ar-Dehumidifying Technology
- Magnetic Field Protection up to 80,000 A/m
- Case made with TEGIMENT Technology
- Functionally from – 45 °C up to + 80 °C
- Captive bezel

Watch Case
- Stainless steel, bead-blasted
- Crown screwable
- Sapphire crystal glass on front, anti-reflective on both sides
- Case back screw-fastened, nickel-free
- Water resistant as per DIN 8310
- Pressure resistant up to 20 bar (= 200 m underwater depth)
- Low pressure resistant
- Band lug width 22 mm
- Case diameter 43 mm



SERVICE

General advice

To preserve the water resistance for as long as possible, the watch should be rinsed whenever it has been in contact with seawater, chemicals, etc. If your watch is frequently worn in/under water, we recommend having its water resistance checked at yearly intervals.
The watch is designed to withstand high levels of mechanical wear and tear and is shock resistant as per DIN 8308. Nevertheless, it goes without saying that continual mechanical stress in the form of impacts or vibration will affect its durability. Care should therefore be taken to protect your watch from unnecessary wear and tear. It is only possible to judge how well the watch keeps time after it has been in operation for approximately eight weeks, since it takes that long for the working mechanism to become adjusted, especially in view of the fact that everybody has different lifestyles and habits. In the event of any excessive deviation, please keep a day-to-day record of its timekeeping over a period of about one week, for example.

Do you have any questions?

Our employees will be pleased to advise you. Simply get in contact with us. We look forward to talking to you.

Telephone: + 49 (0) 69 / 97 84 14 - 400
Telefax: + 49 (0) 69 / 97 84 14 - 401
E-mail: kundendienst@sinn.de

Should you send your watch in to customer service, we need to ensure the process goes smoothly, the following information:

- Name, address, e-mail address and fax number (where applicable) and a daytime telephone number.
- A detailed description of the problem: Exact nature of the defect? At what time does the problem arise? How often does the problem occur?
- Wherever possible, please state the date of purchase and your customer no. (indicated on the invoice) or enclose a copy of the invoice.

For information about the process, please refer to the section entitled "Repairs" in our "General Terms and Conditions of Business". You'll find our "General Terms and Conditions of Business" on our website **www.sinn.de/en.** We will be pleased to send you a copy of the "General Terms and Conditions," or you can contact our customer service department directly. For insurance reasons, we strongly recommend sending us any return goods by registered parcel post. As an alternative for customers in Germany, there is also the option of a collection service covered by transport insurance, on request. To ensure your request is dealt with smoothly, please call our customer service department! We regret that we are unable to accept deliveries with unpaid postage!

Please send your watch to the following address:
Sinn Spezialuhren GmbH
Kundendienst
Im Füldchen 5–7
60489 Frankfurt am Main
Germany

You can also find comprehensive information about SINN, our watches and technologies at www.sinn.de/en.

Sinn

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Technische Änderungen vorbehalten.
Subject to changes technical specifications.