

Sinn

SPEZIALUHREN ZU FRANKFURT AM MAIN

212 KSK

THE WATCH WITH 64-MIL RATCHETING
ON THE CAPTIVE ROTATING BEZEL





212 KSK – black silicone strap. Either with a folding safety clasp and expandable strap or with a butterfly folding clasp. ø 47 mm (Figure: 1:1)



212 KSK – solid stainless-steel bracelet with expandable folding safety clasp. ø 47 mm (Figure: 1:1)



212 KSK – black textile strap. ø 47 mm (Figure: 1:1)



Back view and side views of the **212 KSK**. (Figures: 1:1)



212 KSK – luminous. (Figure: 1:1)

212 KSK

The watch with 64-mil ratcheting on the captive rotating bezel.

Limited to 300 pieces

Case and crown made of high-strength seawater-resistant German submarine steel

Bezel with Black Hard Coating on a TEGIMENT Technology basis

Ar-Dehumidifying Technology ensures greater functional reliability and freedom from fogging

Functionally reliable from -45°C up to 80°C

Second time zone on 24-hour basis

Captive two-way rotating bezel with 64-mil ratcheting

Pressure-resistant to 100 bar

Sapphire crystal glass

Resistant to low pressure

The Kommando Spezialkräfte (special forces command, or KSK) was officially formed on 20 September 1996. Since then, the global operations carried out by this special forces military unit have been of political, strategic and operational significance. A key priority of the KSK for example is to rescue and evacuate German citizens from crisis situations.

To mark its 20th anniversary in September 2016, the Gemeinschaft Deutscher Kommandosoldaten e.V. (association of German commando soldiers) has collaborated with Sinn Spezialuhren in designing a special watch, the K212 Special Forces Command, a special 70-piece limited edition exclusively for KSK members.

To enable members of the public to share in this special watch, too, we are delighted to be able to present the 300-piece limited edition 212 KSK, a retail version of the K212 Special Forces Command anniversary watch. The design is based on the anniversary edition, which is not available for retail. A commando sword surrounded by oak leaves, the KSK emblem, thus adorns the dial.

Guided by our conviction, special attention has also been given to making sure this edition is suitable for everyday use in KSK military service, too. For this, we chose a robust, resistant case material and set the pressure resistance correspondingly high at 100 bar. The 212 KSK also features a second time zone on 24-hour basis, thus taking into account the global operations of the KSK.

Orientation by cardinal point and azimuth

Basically, compass roses are divided into equal sectors of a circle: 360-degree, 400-gradian or 6,400-milliradian (or mil) sub-sectors, where generally only the hundreds are indicated. Milliradian is the name of the unit of measurement used for specifying plane angles in the artillery ("artillery milliradian"), which are necessary for orientation.

The principle for determining the cardinal point on the 212 KSK is based on the arrow hand (the 2nd time-zone hand) being used as a 24-hour hand. If the watch is subsequently rotated horizontally so that the hour hand is pointing towards the sun, the arrow hand will point toward the north. The watch is aligned north by turning the rotating bezel so that the north marker is an extension of the tip of the arrow hand. The cardinal points and azimuths are now readable on the rotating bezel.

This principle works on the premise that you are in the northern hemisphere. If the same method is applied in the southern hemisphere, the arrow hand will point toward the south. It should also be noted that this principle is based on local time. When applying standard time (zone time), the difference between this and local time should be taken into account. During daylight saving time, the arrow hand should be adjusted forward by one hour.

The angle between the azimuth and north is also known as the course angle or direction angle. It is always measured clockwise from a north baseline. For example, the cardinal point north-east is equivalent to a 45° course angle, or 800 milliradians. Accordingly, as only the hundreds are indicated, 8 units are readable on the rotating bezel. Therefore, this solely indicates the direction you have to go, i.e. the bearing of your destination.

In keeping with the unconventional spirit of the KSK, the design of the rotating bezel features the rather unconventional 64-mil ratcheting of a German army compass, which facilitates orientation in KSK field operations. This military-style ratcheting shows east at 16 milliradians, south at 32 milliradians, west at 48 milliradians and north at 64 milliradians. The rotating bezel can thus be turned to mark the direction of north – ascertained using the time and position of the sun – and aligned north. The numbers marked on the rotating bezel subsequently enable the direction and azimuth of the destination to be read. This special rotating bezel represents the determination and ability of the KSK to fulfil their mission even when all modern equipment fails.



The 70-piece special limited edition K212 Special Forces Command. This anniversary edition, which is not available for retail, was reserved exclusively for KSK members.



Initial sketch of the design of the dial and rotating bezel.

Sinn

SPEZIALUHREN ZU FRANKFURT AM MAIN

Contact:

Phone +49 (0) 69 . 97 84 14-200 · Fax -201
www.sinn.de · vertrieb@sinn.de

Shopping Store Frankfurt City:

Römerberg 34 · 60311 Frankfurt/Main
Phone +49 (0) 69 . 97 84 14-650 · Fax -651

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