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## KS 05 Central Floating Tourbillon Watches Embrace the Beauty of Gemstones

Marking its first anniversary, the KS 05 Stone Dials collection expands with new references, each limited to 10 pieces. These new additions include Sodalite, Mahogany Obsidian, Violet Jade, Specular Hematite, Malachite, Lapis Lazuli, Maw Sit Sit Jade, and Ruby Heart.

**Gland, June 06, 2024** – Kross Studio unveils a new chapter in its groundbreaking journey with new floating central tourbillon models. Housed in a sleek 45mm case, these watches feature lavishly crafted dials in three distinct elements, using some of the rarest and most prestigious gemstones, such as Sodalite or Maw Sit Sit Jade. These nine new models emphasize the essence of the collection, highlighting the boldness and technical expertise of the Kross Studio manufacture.

### The KS 05 Movement: A Testament to Engineering Prowess

The KS 05 collection showcases Kross Studio's passion for exceptional engineering. At the heart of each of its watches lies the patented caliber KS 7'005, a manual-winding floating central tourbillon conceived by the brand's founder, Marco Tedeschi - a unique achievement designed, manufactured, finished and assembled in-house that is the pride of Kross Studio. Its architecture, made up of 220 components including 27 jewels, provides it with exceptional performance. Its main functions such as winding, energy accumulation, regulation and display are concentric and coaxial in the center of the plate. Thus, the barrel, which is almost as large as the main plate, gives the movement a power reserve of 120 hours with chronometric performance.

The tourbillon, its balance wheel and its fixed seconds wheel are raised above the movement and the hands, overlooking the barrel and offering an unprecedented perspective on its complex mechanics. The floating tourbillon cage is ultra-light, weighing only 0.488 g. It is made of grade 5 titanium, a material chosen for its high strength and lightness.

The innovation of the KS 7'005 movement also lies in the peripheral hour display mechanism, achieved by a planetary gear system mounted on two ball bearings, freeing the tourbillon from

any obstruction. The hands of the KS 05 watch are rhodium-plated and filled with white Super-LumiNova®.

### **The Art of Finishing**

The components of the KS 05 watch are decorated according to the codes of traditional watchmaking. The angles of its components are chamfered by hand, the sides are drawn, and the pivots are pearled. This very high level of finishing, entirely done in-house, is made possible by the development of Kross Studio's decoration department.

### **The Case**

The circular-brushed 45mm case of the KS 05 watches is devoid of lugs, giving it an elegant and minimalist silhouette. This specificity, combined with the absence of a traditional crown at 3 o'clock, reinforces wearing comfort. It is a D-shaped crown that is cleverly integrated into the case back that allows the watch to be wound and the time to be set without disturbing the elegant lines of the watch. In addition, an interchangeable strap system is hidden on the case back, allowing the wearer to easily personalize their watch.

Made of grade 5 titanium, a biocompatible material that surpasses stainless steel in terms of strength and durability, the case of the KS 05 watches underlines Kross Studio's commitment to using the most advanced materials in the industry. Each KS 05 watch can also be equipped with an 18-carat rose gold case. Both versions, titanium or gold, can be fully paved, adorned with 281 D-F VVS1 quality pavé diamonds, totaling approximately 5.09 carats.

### **The Crystal Dome**

The oversized domed sapphire crystal of the KS 05 watch allows you to appreciate the complexity of the movement and the dial from all angles. The crystal has received special technical attention: an anti-reflective coating has been applied to both its outer and inner faces, and anti-UV and anti-static treatments have been applied to the inside of the crystal, making it almost invisible, highlighting the floating central tourbillon.

### **The dials**

A key feature of the KS 05 collection lies in its dial, crafted in three distinct parts, each playing an essential role within these remarkable timepieces.

The outer dial, known as the rehaut, is affixed directly onto the case. It bears the hour markers and minute track, ensuring easy legibility and access to the time at a glance. Its design and position offer an aesthetic and fluid transition from the case to the heart of the watch, drawing the eye towards the intricate mechanisms within.

The intermediate dial is mounted on top of the movement, specifically on the fixed hour wheel. It serves as a harmonious bridge between the outer dial and the heart of the watch.

The inner dial, designed with an opening at 9 o'clock, is fixed onto the main plate of the movement. Positioned beneath the floating tourbillon and the hour display mechanism, it allows an unobstructed view of the gear train and creates a captivating backdrop for the tourbillon, adding depth and providing a visual stage showcasing the watch's meticulous engineering.

### A Canvas of Natural Splendor

The dials of the KS 05 collection are crafted from a variety of natural stones. Watch enthusiasts will appreciate the diversity of hues offered: the vibrant green of Malachite, or the more nuanced shade of Jade Maw Sit Sit. The intense blue of Sodalite or the depth of Lapis Lazuli, punctuated with golden pyrite flakes. The vibrant purple of Ruby Core or the lighter shade of Purple Jade. This wide range of materials not only allows for extensive personalization but also ensures that each watch can be considered a unique work of art and engineering, embodying the style and spirit of its wearer. Alternative versions in blue or black Aventurine glass are still available.

### The KS 05 Collection

Kross Studio establishes itself as a pioneer in Swiss watchmaking, redefining standards through a unique fusion of traditional craftsmanship and cutting-edge innovation. At the heart of each KS 05 watch lies the KS 7'005 caliber, a true horological masterpiece. This world-first manually wound floating central tourbillon embodies the brand's exceptional engineering and meticulous craftsmanship, reaffirming its commitment to pushing the boundaries of high-end watchmaking. The attention to detail is also evident in the case design, which offers a perfect blend of aesthetics and functionality, complementing Kross Studio's horological excellence.

Each edition of KS 05 watches is limited to 10 numbered pieces. The KS 05 collection is available for purchase on [kross-studio.com](https://kross-studio.com), from official partners, and at a selection of authorized retailers.

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## ABOUT

Founded in 2020 by Marco Tedeschi, **Kross Studio** creates contemporary complication watches, seamlessly blending form with function, all the while respecting the fundamental codes of watchmaking. The creations go beyond the simple measurement of time. At the center of universes or collaborations that convey emotions, revive memories, and captivate the imagination, Kross Studio is the true embodiment of the concept of Functional Art. With complete control over design and production in its Manufacture in Switzerland, we unleash creativity without constraints, crafting exceptional watches that defy convention, done to the highest standards of Haute Horlogerie.

When collaborating with industry giants like Warner Bros. Discovery, HBO, DC Comics, Hasbro, and Lucasfilm, Kross Studio puts entertainment and pop culture iconic elements at the heart of their designs. These exclusive creations are complemented by a Functional Art piece and form highly sought after Collector Sets. Imagination even extends beyond watches to include remarkable accessories such as table clocks, rotating cases, and travel cases, all crafted with the same dedication. Kross Studio invites you to explore a world where timekeeping transcends the ordinary, narrating stories of innovation and the seamless fusion of art and functionality.

Kross Studio's products are available at Ahmed Seddiqi & Sons (UAE), Al Majed (Qatar), Berger and Emwa (Mexico), Chronopassion (France), Europe Watch (Hong Kong & Macau), Pisa (Italy), Sonraj (Pakistan), Swiss Prestige (Taiwan), Watches of Switzerland (UK & USA), and on [kross-studio.com](http://kross-studio.com).