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## Orient Star Introduces Two M34 F8 Date Models Depicting the Perseid Meteor Shower with a World-First<sup>\*1</sup> New Technology and Colours

<sup>\*1</sup> World's first technology in printing with nanoparticle metal / nanoparticle metal ink layering for watch dial decoration.

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Orient Star has released two new M34 F8 Date models from the Contemporary Collection M34 featuring dial designs inspired by the Perseid meteor shower and a state-of-the-art high-performance movement mounted with a silicon escape wheel. One model is made using a world-first<sup>\*1</sup> nanoparticle metal multilayering technology on a watch dial; a black dial limited to 160 pieces, while the other has a newly added green-coloured dial. The beautiful designs that express the vast depths of space enhance the appeal of Orient Star's flagship model.

  
ORIENT STAR



Contemporary Collection M34, inspired by the constellation Perseus with numerous meteors lighting up the night sky, offers the most diverse Orient Star line-up. The M34 F8 Date is a top-tier flagship model that showcases Orient Star's in-house watchmaking using advanced technologies.

The M34 F8 Date features a traditional design comprising of three centre hands of hour, minute and seconds, a date display at 3 o'clock, and Orient Star's signature power reserve indicator at 12 o'clock. The new limited-edition black dial model depicts the Perseid meteor shower cascading across the night sky with nanoparticle metal multilayering technology<sup>\*2</sup>. The gradation and smooth, thick, clear coating symbolise the vast depths of the universe. The nanoparticle metal multilayering technology is a new technique in which ink composed of nanometre-sized ultra-fine metal particles are layer injected several times onto the dial. This technology which is used in electronics, is applied to watchmaking for the first time in the world<sup>\*3</sup>, resulting in the creation of extremely delicate, elaborate dials with a sense of depth. In addition, the hairline and mirror finishing on the hands and indices, along with the diamond-cut frame of the date window adds a sharp contrast to the black background, enhancing the dynamic feel of the dial alongside the meteor design.

The regular model with a green dial features intricate stamped patterns inspired by the Perseid meteor shower as seen in the earlier blue dial model. Enhanced with optical multilayer film technology, the design allows the colours and patterns to shift beautifully depending on the viewing angle. This in-house developed optical multilayer technology creates colour tone effects on the metal plate by layering nano level, near-transparent films that control the reflectance and transmittance of light. With this technology, it is possible to express the deep outer space, which would not be possible with normal painted dials.

These dials are crafted at the Dial Studio of the Shinshu Watch Studio located in Nagano, Japan. The Dial Studio performs processes such as surface finishing, application of indices, printing, plating, and crafting of hands. These high-precision techniques required for luxury watchmaking bring Orient Star's distinctive dial designs to life.

Advanced technology is not limited to the dials but is also utilised in the latest movement. The automatic mechanical in-house calibre F8N64 is mounted with a silicon escape wheel, which has become one of Orient Star's signature technologies. It also offers high accuracy of +15 seconds to -5 seconds per day and a power reserve of 60 hours with automatic winding. The movement, particularly the rotor's chamfered Geneva stripes, glimmers beautifully through the see-through sapphire crystal case-back.

The advanced technology can also be seen in features such as the dual curved sapphire crystal with anti-reflective coating on both sides of the glass (SAR coating), the powerful 40 mm diameter case inspired by the Greek hero Perseus, the elegant, comfortable metal bracelets made of high-quality stainless steel (SUS316L) and water resistance to 10 bar. The M34 F8 Date is not only unique in aesthetics and high in quality but also excels in practicality, making it an attractive everyday timepiece.

\*<sup>2</sup> The granted patent related to nanoparticle metal multilayering technology: Japan: patent no. 7639981.

\*<sup>3</sup> World's first technology in printing with nanoparticle metal / nanoparticle metal ink layering for watch dial decoration. Market research\* on 'nanoparticle metal lamination technology (watch dial decoration technology using nanoparticle metal / nanoparticle metal ink)' ('world's first' verification study) and intellectual property research on preceding operators (similar competitors) in the relevant area, conducted from December 2024 to January 2025. \*Research by Trending Future Research Institute, Inc. as of January 27<sup>th</sup>, 2025.



**RE-BX0006E**



**RE-BX0009B**

## About M Collections (design collection)

M Collections draws on Greek mythology themes as well as nebulae and star clusters. While retaining the lineup of Classic, Contemporary and Sports, the M Collections offers higher quality timepieces not only for watch enthusiasts but also for those seeking finer things in life.

The Classic Collection M45 named after the Pleiades is composed with designs expressing the eternal flow of time and consists of universal iconic Orient Star models. The Contemporary Collection M34, inspired by the cluster of stars of Perseus, known for its annual Perseid meteor shower, is a collection with sharp, powerful, cutting-edge designs that are ahead of their time and consists of models that can be worn for a wide range of occasions. Meanwhile, high performance divers' watches backed by advanced technology and history take centre stage in the Sports Collection M42, named after Orion, who is said to be the son of Poseidon, ancient Greek god of the sea. This collection is characterised by functionality and wearing comfort, making it suited for active lifestyles.

## About Orient Star

Capture your gaze. Reflecting the wondrous beauty of shining stars. Orient Star are superb timepieces, crafted by Japanese artisans since 1951. Orient Star continues to shine and innovate its technology as well as the design of its beautiful timepieces. Traditional skills to achieve intricate craftsmanship, in-house production system to create high-quality mechanical movements, and original designs, are all incorporated for these unique, made-in-Japan watches. Orient Star will continue to deliver these creations in Japan and throughout the world.

## A Short History

- 1951 Orient Star is created.
- 1957 Orient Star Dynamic\* is launched with hour, minute, and second hands on the central axis of the watch.
- 1971 The 46 series movement is created, combining both practicality and high accuracy. This formed the base movement of the Orient Star and Orient brand for 50 years.
- 1991 Mon Bijou\* is launched, a skeleton model of high-quality and aesthetic appeal.
- 1996 The power reserve indicator, now an iconic feature of the brand, is integrated into the design.
- 2017 Orient Watch Co. Ltd. merges with [Seiko Epson Corporation](#), a company with a strong watchmaking heritage and focus on precision engineering. Both organisations share a vision for innovation and high-quality design and craftsmanship creating a strong foundation for the future growth of Orient Star.
- 2017 The Mechanical Moon Phase, a cosmic timekeeper is launched as a symbol of this new collaboration. This marks a new era of watchmaking for Orient Star brand.

2021 Orient Star celebrates its 70<sup>th</sup> anniversary. The Skeleton models are mounted with the latest movement with in-house developed silicon escape wheel for longer power reserve and beauty, incorporating design inspired by the vast universe.

\*Currently not for sale.

Discover more at our [website](#), [social media channel](#), and [online store](#).

— Product Specifications —

Collection	Contemporary Collection (M34)	
Model name	M34 F8 Date	
Reference	RE-BX0006E	RE-BX0009B
Movement	Automatic (with hand winding) mechanical in-house calibre F8N64	
Power reserve	60 hours	
Accuracy	+ 15 seconds ~ - 5 seconds per day	
Case material (colour)	Stainless steel (SUS316L)	
Case size	Height 47.3 mm / width 40.0 mm / thickness 12.9 mm	
Glass	Front: Dual curve sapphire crystal (SAR coating), back: sapphire crystal	
Bracelet	Stainless steel (SUS316L) / trifold deployant buckle with push button / width 20 mm	
Colour of dial	Green	Black
Limited Edition	—	160 pieces
Other features	Water resistance to 10 bar (100 m), power reserve indicator, second hand hacking, 22 jewels, see-through exhibition case back, date	

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