



ARNOLD & SON
1764

**DSTB 42 PLATINUM &
DSTB 42 RED GOLD**
BEATING OUT A NEW RHYTHM



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Arnold & Son reinterprets one of its most personal collections. *DSTB 42*, which stands for 'Dial-Side True Beat', reveals its true-beat seconds mechanism on the dial side. Under its openwork and finely chamfered gold bridges, its characteristic anchor powers a seconds hand at a broad rhythm. The case and movement of this essential timepiece have been entirely revised, refined and improved. With two inaugural limited series – one in red gold, the other in platinum – Arnold & Son reaffirms its historic attachment to marine chronometers.

The true-beat seconds function is characteristic of the instruments that John Arnold supplied to the Royal Navy. Their escapement used to beat at one oscillation per second, naturally indicated by a sweep-seconds hand. This explicit function inspired Arnold & Son to create one of its most iconic complications: 'True Beat', also known as deadbeat seconds. The distinctive feature of the *DSTB* collection is that it displays this mechanism in full on the dial, hence the 'Dial-Side True Beat' name, delivering watchmaking, design and spectacle all in one.

GREAT LEAP

Watchmaking, because all true-beat seconds require a dedicated mechanism. No escapement in a compact watch, especially one worn on the wrist, functions at a native frequency of one oscillation per second. Here, the sweep-seconds hand on the *DSTB 42* jumps from second to second, powered by a mechanism similar to an escapement, developed by Arnold & Son's watchmakers.



GREAT BRIDGES

Design, because this true-beat seconds needed to be displayed in a way that reflects its historic importance for Arnold & Son. The choice to place it on the dial side creates an additional level in the calibre. This, in turn, required three dedicated bridges, fashioned in line with the Arnold & Son aesthetic, whose graphic design and finishes give the dial its truly unique appearance. They are openworked, three-dimensional and carefully crafted from red or white gold, depending on the *DSTB 42* version. This true-beat seconds mechanism fills the space with its presence, balanced out by the off-centred hours dial in white opal.

GREAT ANCHOR

Spectacle, because the even, slow and aesthetic functioning of the true-beat seconds mechanism catches the eye. It symbolises both Arnold & Son's watchmaking expertise and its roots, down to the anchor-shaped counterpoise reminiscent of marine chronometers. It goes up and down as the underlying calibre does its work, controlling the large seconds hand.

NEW SIZE

The *DSTB* collection was one of the founding pieces in the Arnold & Son catalogue. Its first version measured 44 mm in diameter. It featured a calibre that was 7.40 mm thick, allowing a 45-hour power reserve. The *DSTB 42* improves on each of these points. The exclusive Manufacture calibre A&S6203 is 5.54 mm thick and offers 55 hours of autonomy. The case drops to 42 mm in diameter and settles for a total thickness of 12.95 mm.



NEW DETAILS

The *DSTB 42 Red Gold* comes in a 5N gold case, whose copper content gives it the name red gold. This warm colour is paired with a blue PVD-treated dial for a soothing overall effect. The *DSTB 42 Platinum* offers the opposite contrast, with its combination of 950 platinum and a dial featuring a rose-gold PVD treatment known as 'salmon'. In both versions, the dial is sunray-brushed before being tinted, the starting point of the finish coinciding with the centre of the true-beat seconds.

NEW CALIBRE

The *DSTB 42 Red Gold* and the *DSTB 42 Platinum* are powered by the calibre A&S6203, which has been entirely developed, machined, assembled and adjusted in the Arnold & Son Manufacture. Designed to work in harmony with the true-beat seconds mechanism, this calibre is self-winding thanks to an oscillating weight in 22-carat gold. It features a 55-hour power reserve and a regulating organ oscillating at 28,800 vibrations per hour.



DSTB 42 PLATINUM & DSTB 42 RED GOLD

TECHNICAL SPECIFICATIONS

Functions

hours, minutes, true-beat seconds

Movement

Calibre A&S6203, self-winding mechanical
 Jewels 32
 Diameter 33 mm
 Thickness 5.54 mm (8.33 mm on the bridges of the true-beat seconds)
 Power reserve 55 hours
 Frequency 4 Hz / 28,800 vph
 Finishes mainplate: palladium finish, côtes de Genève stripes radiating from the centre
bridges: polished and chamfered
wheels: circular satin-finished
screws: blued and chamfered, polished heads
oscillating weight: 22-carat gold
true-beat seconds mechanism: 18-carat gold bridges, polished and chamfered

Dial

sunray-brushed, with blue or salmon PVD treatment

Hours dial

white opal

Case

Material 18-carat (5N) red gold or platinum (Pt 950)
 Diameter 42 mm
 Thickness 12.95 mm
 Crystal domed sapphire with an anti-reflective coating on both sides
 Case back sapphire with an anti-reflective coating
 Water resistance 3 bar (30 metres/100 feet)

Strap

Material blue alligator leather, hand-stitched
 Clasp pin buckle, 18-carat (5N) red gold or platinum (Pt 950)

References

red gold: 1ATCR.U01A.C200A
platinum: 1ATCX.P01A.C200X

Limited editions

red gold: 88 timepieces
platinum: 38 timepieces

Swiss retail price

red gold: CHF 42,600 incl. tax (subject to change)
platinum: CHF 54,400 incl. tax (subject to change)

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