# PILOT'S WATCHES

## **SINCE 1936**



The Mark 11 is the best known of all IWC Pilot's Watches; here the original model from 1948

During the pioneering days of aviation, most pilots had to navigate with the help of pocket watches. Wristwatches made especially for aviators were a rare occurrence. By contrast, the first Special Pilot's Watch, built by IWC in 1936, came with a rugged glass, a rotating bezel with an arrowhead index for keeping track of short periods of time and an antimagnetic escapement together with high-contrast, luminescent hands and numerals.

From 1940, the Schaffhausen-based manufacturer started producing the Big Pilot's Watch 52 T.S.C. in accordance with military specifications for a navigation or deck watch. It was the most voluminous wristwatch ever made by IWC. With its extremely reductionist design, the dial was clearly organized and took inspiration from the cockpit instrumentation of contemporary aircrafts. The instrument look was the inspiration for IWC's design of the Mark 11, produced from 1948 onwards. The best known of the Pilot's Watches from IWC, it was originally built for the Royal Air Force and has been in service for more than 30 years.

In 1988, the launch of the Pilot's Watch Chronograph upheld the Pilot's Watch tradition. During the 1990s, IWC continued its development of the watch line. Following hot on the heels of automatic winding, complications such as the split-seconds mechanism and UTC (Universal Time Coordinated) found their way into the Pilot's Watch family. In 2002, IWC re-established its Big Pilot's Watch tradition when it unveiled an enormous timepiece with a 7-day movement and Pellaton automatic winding, the design of which leaned unmistakably on its even larger forebear launched in 1940. A year later saw the introduction of a Pilot's Watch series named after the legendary British aircraft, the Spitfire. In its day, the Spitfire was a masterpiece of technology and timeless elegance and became the model on which the eponymous IWC watch line was based.

Since 2006, IWC has unveiled a series of Pilot's Watch special editions in honour of the outstanding books and life's work of the French author and pilot Antoine de Saint-Exupéry. No other writer succeeded in describing the excitement of those

## THE IWC PILOT'S WATCH COLLECTION CONTINUES TO IMPRESS WITH OUTSTANDING TECHNOLOGY AND ITS UNMISTAKABLE INSTRUMENT-INSPIRED DESIGN

pioneering days of aviation more vividly than Saint-Exupéry. His fiction addresses universal values such as friendship and humanity; his most famous works "The Little Prince", "Night Flight" and "Southern Mail" made him immortal. To honour this upstanding humanist, IWC has manufactured the Pilot's Watch Chronograph Edition Antoine de Saint Exupéry in 18 carat red gold as a limited edition of 500 pieces and in stainless steel.

In 2007, for the first time, a watch bearing the name TOP GUN ioined the IWC Pilot's Watch squadron. The name comes from a special training course offered by the United States Navy Fighter Weapons School, the "Strike Fighter Tactics Instructor", better known by the legendary accolade "Top Gun". In 2012, named by IWC Schaffhausen as the year of the Pilot's Watches, the TOP GUN collection established itself as an independent line in the IWC Pilot's Watch family with no fewer than five new models. This was the first time two of them sported authentic military-style design cues as well as haute-horlogerie-inspired technological features. Since 2012, the Spitfire fleet too has boasted an updated design as well as new features and movements designed and manufactured in IWC's own workshops. The IWC Pilot's Watch Classics collection continues to impress with outstanding technology and its unmistakable instrumentinspired desian.

## THE HISTORIC LEGACY OF THE DECK WATCHES



#### **BIG PILOT'S WATCH TOP GUN MIRAMAR**

**REFERENCE 5019** 



Mechanical movement · Pellaton automatic winding · IWC-manufactured 51111 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Date display · Central hacking seconds · Glucydur®\* beryllium alloy balance with high-precision adjustment cam on balance arms · Breguet spring · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 15 mm · Diameter 48 mm

#### PILOT'S WATCH CHRONOGRAPH TOP GUN MIRAMAR

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**REFERENCE 3880** 



REF. IW388002 in ceramic with green textile strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 16.5 mm · Diameter 46 mm



### PRECISION INSTRUMENTS WITH COCKPIT-STYLE DESIGN

The Big Pilot's Watch Perpetual Calendar TOP GUN, the Big Pilot's Watch TOP GUN and the Pilot's Watch Chronograph TOP GUN combine the black-and-white instrument look of the classic Pilot's Watches with the sporty design of the TOP GUN line. The cases made of black zirconium oxide together with the crown and push-buttons in titanium underscore IWC Schaffhausen's pioneering role as one of the first companies in the watchmaking industry to use these materials. In the Big Pilot's Watch Perpetual Calendar TOP GUN, the IWC-manufactured 51614 calibre with a 7-day power reserve drives a plethora of watchmaking complications. The perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase takes into account all the leap years in the Gregorian calendar until 2100. The in-house 51111 calibre found in the Big Pilot's Watch TOP GUN likewise builds up a power reserve of 7 days after just 1960 complete revolutions of the rotor or after being fully hand-wound. No Pilot's Watch collection would be complete without a chronograph with downto-the-second precision. Among the TOP GUN models in traditional cockpit design, this role falls to the Pilot's Watch Chronograph TOP GUN. As only fitting, it comes equipped with an IWC-manufactured movement in the form of the further improved 89365-chronograph calibre. A soft-iron inner cage protects the precision movement against magnetism.



#### **BIG PILOT'S WATCH PERPETUAL CALENDAR TOP GUN**

**REFERENCE 5029** 



Mechanical movement · Pellaton automatic winding · IWC-manufactured 51614 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Perpetual calendar with displays for the date, day and month · Perpetual moon phase display · Double moon phases for the northern and southern hemispheres · Small hacking seconds · Glucydur®\* beryllium alloy balance with high-precision adjustment cam on balance arms · Breguet spring · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 16 mm · Diameter 48 mm

#### **BIG PILOT'S WATCH TOP GUN**

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**REFERENCE 5019** 



Mechanical movement · Pellaton automatic winding · IWC-manufactured 51111 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Date display · Central hacking seconds · Glucydur®\* beryllium alloy balance with high-precision adjustment cam on balance arms · Breguet spring · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 15 mm · Diameter 48 mm

#### PILOT'S WATCH CHRONOGRAPH TOP GUN

**REFERENCE 3880** 



Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 16.5 mm · Diameter 46 mm

#### PILOT'S WATCHES



#### **BIG PREMIERE FOR THE SPITFIRE**

In 2012 the Spitfire Perpetual Calendar Digital Date-Month was the first IWC Pilot's Watch to show the date and month digitally in large numerals and was inspired by cockpit instrumentation like the altimeter. The 4-year leap year cycle also has a digital display. A specially designed quick-action switch generates the energy needed to advance the numeral discs. Every night, when the date display moves forward, it taps a little of the energy, stores it and then discharges it precisely at the end of the month or year. The perpetual calendar can be set easily using the crown. It will not require intervention by a watchmaker until 2100, a year that breaks with the conventional 4-year cycle and will not be a leap year. Hours and minutes recorded by the stopwatch can be read off the totalizer at 12 o'clock as easily as reading the time, while the central hand shows elapsed seconds. Thanks to the integrated flyback function, the running stopwatch hand can be reset to zero and immediately starts recording another time. The dynamic interplay of polished and satin-finished surfaces on the 18-carat red gold case gives the watch a premium-quality allure. The shimmering, slate-coloured, metallic dial with its sunpattern finish provides an enchanting contrast to the warm gold tone and the brown of the alligator leather strap. The rotor takes the form of an elegant Spitfire silhouette and can be seen through the sapphire-glass back.



### SPITFIRE PERPETUAL CALENDAR DIGITAL DATE-MONTH

**REFERENCE 3791** 



REF. IW379105 in 18-carat red gold with brown alligator leather strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89801 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Perpetual calendar · Large double-digit displays for both the date and month · Leap year display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · See-through sapphire-glass back · Water-resistant 6 bar · Case height 17.5 mm · Diameter 46 mm

#### SPITFIRE WITH A NEW FACE

Classic elegance and technological development are the hallmarks of the Spitfire Chronograph in 18-carat red gold and stainless steel. The surfaces of the case are worked until the watch is left with a luxurious highly polished or silkymatte finish. When the watch is tilted, the incident light falling onto the sun-pattern finish of the slate-coloured dial moves in circles. The dark colour of the dial and the date display in the form of an altimeter underscore the Spitfire's classic instrument look. In 2012, the Spitfire Chronograph was equipped for the first time with the IWC-manufactured 89365 calibre. The subdial at "12 o'clock" shows the recorded minutes, while the seconds can be read off from the central hand. Thanks to the flyback function, an ongoing time measurement can be "deleted" without an intermediate stop and start. The red gold version has a brown alligator leather strap with a pin buckle. The stainlesssteel model is available either with a brown alligator leather strap with a folding clasp or with the stainless-steel bracelet with a fine-adjustment clasp that was developed in 2012 and permits the length to be changed as required.



SPITFIRE CHRONOGRAPH

**REFERENCE 3878** 



REF. IW387803 in 18-carat red gold with brown alligator leather strap REF.IW387802 in stainless steel with brown alligator leather strap REF. IW387804 in stainless steel with stainless-steel bracelet

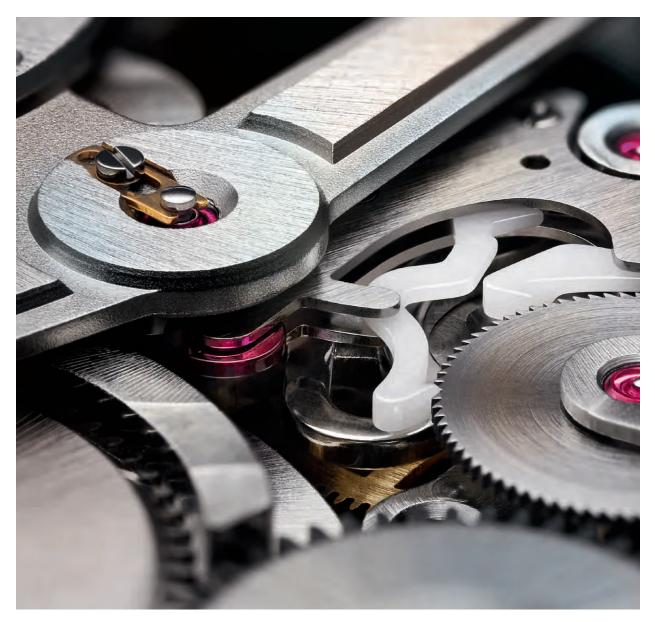
Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Special back engraving · Water-resistant 6 bar · Case height 15.5 mm · Diameter 43 mm

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### A CLASSIC ORIGINAL

The Big Pilot's Watch from 1940 has significantly influenced the appearance of the current classic pilot's watches. Even now, over 70 years on, the latest model adds another chapter to the success story of this extraordinary watch. Its IWC-manufactured 51111-calibre movement – the largest automatic movement ever made by IWC – unites some of watchmaking's greatest achievements. Within no time at all, the spring-mounted rotor and Pellaton pawl-winding system build up a power reserve of over 7 days, before the movement is mechanically brought to a halt by a complex train in the power reserve after exactly 168 hours. Stopping the movement before the tension in the spring is exhausted eliminates the danger of diminishing torque in the mainspring, ensuring the same level of accuracy the whole time the watch is running. The power reserve display at "3 o'clock" provides a reliable indication of the time remaining until the movement comes to a stop. The Big Pilot's Watch has a date display at "6 o'clock" and the central seconds essential in any watch used for flying. The 46-millimetre case encloses a soft-iron inner cage that protects the movement against magnetic fields. The current stainless-steel version is rounded off with an alligator leather strap. The design of the folding clasp, which was introduced in 2012, is more striking and commensurate with the massive diameter of the case.





IWC's largest automatic movement has highly efficient Pellaton winding with wear-resistant ceramic pawls

#### PILOT'S WATCHES

**BIG PILOT'S WATCH** 

**REFERENCE 5009** 



REF.IW500901 in stainless steel with black alligator leather strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 51111 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Date display · Central hacking seconds · Glucydur<sup>®+</sup> beryllium alloy balance with high-precision adjustment cam on balance arms · Breguet spring · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 16 mm · Diameter 46 mm

### COCKPIT-STYLE DESIGN IN 46 MILLIMETRES

The Pilot's Watch Double Chronograph features the classic cockpit-style design with a variety of coloured highlights. The dial takes inspiration from the cockpit instrumentation of the legendary Ju 52 from the 1930s. The displays are generously sized and clearly arranged. The brilliant white hands and indices on the matte-black background have a luminescent coating and guarantee optimum legibility by day or night. Apart from this, the altimeter-like date display underscores the instrument look. Three signal-red elements provide optical highlights: the small red permanent seconds hand that shows the watch is running; the red tip of the chronograph seconds hand; and the small triangle for the triple date display. A particularly conspicuous feature on the double chronograph is the third push-button at "10 o'clock". This can be used to stop the split-seconds hand at any time and to synchronize it again with the chronograph seconds hand, making it ideal for timing laps or intermediate times. With its soft-iron inner case for protection against magnetic fields and a sapphire glass secured against drops in pressure, the watch has all the credentials of a watch designed for flying. The Pilot's Watch Double Chronograph is available with a black alligator leather strap with a folding clasp.



#### PILOT'S WATCHES

#### PILOT'S WATCH DOUBLE CHRONOGRAPH

**REFERENCE 3778** 



REF. IW377801 in stainless steel with black alligator leather strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Split-seconds hand for intermediate timing · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 17.5 mm · Diameter 46 mm Precision, functionality and reliability: these are the qualities that set the Pilot's Watch Chronograph apart. Compared with its predecessor, the stainless-steel case, which is water-resistant to 6 bar, has grown by 1 millimetre. The dial design, too, has been slightly modified: the date window at "3 o'clock" now leans on the altimeter found in a cockpit and takes the form of a vertical triple date display. This modification gives an even more emphatic instrument look to the chronograph, which, thanks to the clearly structured chapter ring on the matte-black dial, the propeller-like hands and the triangular index at "12 o'clock", leaves no doubt as to its Pilot's Watch DNA. The hands are completely coated with luminescent material and guarantee excellent legibility even when visibility is poor. Thanks to the robust 79320-calibre chronograph movement, it is possible to record single and aggregate times of up to 12 hours. With its soft-iron inner case, it is optimally shielded against the influence of magnetic fields. The Pilot's Watch Chronograph is available with a stainless-steel bracelet and a fine-adjustment clasp, which was developed in 2012 and with which the length can be adjusted simply and to exact measurements. The watch is also available with a black alligator leather strap and a classic pin buckle.



**PILOT'S WATCH CHRONOGRAPH** 

**REFERENCE 3777** 



REF.IW377701 in stainless steel with black alligator leather strap



REF.IW377704 in stainless steel with stainless-steel bracelet

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 15 mm · Diameter 43 mm



## 24 TIME ZONES AT A GLANCE

In view of rapidly advancing globalization, it is becoming increasingly important for pilots, frequent flyers and international business people to be able to keep track of things in different time zones. The Pilot's Watch Worldtimer surmounts this challenge in particularly elegant fashion. The dial shows current local time. If the wearer passes through one or several different time zones, the time can be adjusted forwards or backwards in one-hour steps to show the new local time, even when crossing the International Date Line. The date simply moves in sync with the jumping hour hand. Once set correctly using the crown, the rotating black-and-white 24-hour ring enables the wearer to read off the time in all 24 zones, including UTC (Universal Time Coordinated). The 23 place names on the external city ring each represent a time zone. If local time is changed on the dial, the time shown by the 24-hour ring remains unaffected and the movement continues to run during the changeover. With its vertically arranged numerals, the triple date display is reminiscent of the altimeter found in an aircraft cockpit. The Pilot's Watch Worldtimer is secured to the wrist by a black alligator leather strap with a folding clasp.



The 24-hour ring and date disc help the wearer keep track of different time zones

#### PILOT'S WATCHES

#### PILOT'S WATCH WORLDTIMER

REFERENCE 3262



REF. IW326201 in stainless steel with black alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · 24-hour display for Worldtimer function · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 13.5 mm · Diameter 45 mm

### WORTHY SUCCESSOR TO A LEGEND

In both form and function, the Pilot's Watch Mark XVII is a virtually perfect example of a classic pilot's watch. Like the instrumentation found in a cockpit, the dial is black with white indices and reduced to essentials: legibility is a top priority. Compared with its predecessor, the Mark XVI, the stainless-steel case has increased by 2 millimetres in diameter to 41. In this model too, IWC's designers have modified the date window to make it look more like the instruments found in a cockpit: with its vertically arranged numerals, it is now reminiscent of an altimeter. The watch, which is water-resistant to 6 bar, is powered by an automatic 30110-calibre movement and has a 42-hour power reserve. In terms of precision and robustness – and like all its predecessors – the Mark XVII meets the full schedule of requirements for professional Pilot's Watches from Schaffhausen. With its soft-iron inner case for protection against magnetic fields and a front glass secured against sudden drops in pressure, the Mark XVII takes up a tradition established by its historic forebear, the legendary Mark 11 of the 1940s. The most famous of all IWC Pilot's Watches was discontinued only in 1981, over 30 years after its phenomenal launch, and attained cult status among watch devotees.





PILOT'S WATCH MARK XVII

**REFERENCE 3265** 



REF.IW326501 in stainless steel with black alligator leather strap



REF.IW326504 in stainless steel with stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 11 mm · Diameter 41 mm



#### FOR MEN WITH A STRONG SENSE OF FAMILY

For men with a strong sense of family, IWC unveils an exclusive special edition: the "Pilot's Watches for Father and Son" are available as a double edition or as a set of several pieces, in a high-quality presentation case. Father and son can retain their individuality while demonstrating the same exquisite taste. The father's model is based on the Big Pilot's Watch with a 7-day power reserve and date display. The smaller timepiece for the son, with its automatic 30110-calibre movement is, technically speaking, virtually identical to the Pilot's Watch Mark XVI. Water-resistance to 6 bar and a glass secured against displacement by drops in air pressure make the Pilot's Watch for sons a reliable everyday companion. Even if the technical specifications of the two models differ, the visible similarities are unmistakable. Both watches have a stainless-steel case, an eye-catching crown and a black alligator leather strap. With a space allowing for an engraving, they become a precious family heirloom that can be handed down from one generation to the next. The inner circle on the back is reserved for the engraving of a name, allowing personalization and preventing mix-ups. Because this Pilot's Watch set comes with several watches for fathers with more than one son.

#### **BIG PILOT'S WATCH FOR FATHER AND SON**

**REFERENCE 5009** 





REF. IW500906 in stainless steel with black alligator leather strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 51111 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Date display · Central hacking seconds · Glucydur®\* beryllium alloy balance with high-precision adjustment cam on balance arms · Breguet spring · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 16 mm · Diameter 46 mm

#### PILOT'S WATCH MARK XVI FOR FATHER AND SON

**REFERENCE 3255** 





REF. IW325519 in stainless steel with black alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Water-resistant 6 bar · Case height 11 mm · Diameter 39 mm



## A TRIBUTE TO A PILOT, POET AND PIONEER



Since 2006, IWC has launched special editions of its Pilot's Watches in memory of the legendary pilot, writer and adventurer Antoine de Saint-Exupéry. In 2012, the year of the Pilot's Watches, the Schaffhausen-based company is honouring him with the Pilot's Watch Chronograph as a special limited edition of 500 watches in 18-carat red gold, as well as in stainless steel. An engraving of his last aircraft, the Lightning P-38, embellishes the case back. For connoisseurs, the tobacco-coloured dial and calfskin strap with its cream-coloured quilted stitching immediately identify the chronograph as a typical "Saint Ex". The elaborate surface finishing, featuring polished and silky-matte elements, enhances the overall quality of the watch's appearance. This impression is underscored by the sun-pattern finish on the dial. Developed and manufactured exclusively by IWC, the 89361-calibre movement is a masterpiece of technology. It displays long periods of time on a single subdial, thus eliminating the need for a second subdial of the kind often used for aggregate timing, for instance. It is a form of reduction of which the famous Frenchman would no doubt have approved: for, as he once wrote: "Perfection clearly does not arise when one has no more to add but when one can take no more away."

**REFERENCE 3878** 



REF.1W387805 in 18-carat red gold with brown calfskin strap

Limited edition of 500 watches in 18-carat red gold · Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Special back engraving · Water-resistant 6 bar · Case height 15.5 mm · Diameter 43 mm **REFERENCE 3878** 



REF.IW387806 in stainless steel with brown calfskin strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drop in air pressure · Special back engraving · Water-resistant 6 bar · Case height 15.5 mm · Diameter 43 mm