



Many say that movement is the heart of a timepiece. If it says so, then the ETA movements undeniably beat at the core of many Swiss watches, embodying precision, reliability, and the artistry of Swiss horology. The ETA SA Manufacture Horlogre Suisse, commonly known as ETA, has played a pivotal role in shaping the landscape of watch movements Renowned for its precision, reliability, and innovation, ETA has become a cornerstone of the Swiss watchmaking industry. ETA plays a vital component in the watchmaking industry and their movements hold substantial importance in high-end timepieces. It is reasonable to say that the Swiss watchmaking industry, in particular, owes much of its current status to the contributions of ETA. Therefore, in this article, were going to delve deeper into ETA and the various movements they manufacture. What Is ETA Movement? ETA movements refer to mechanical watch movements they manufacture. What Is eta a renowned and influential player in the watchmaking industry, specializing in the development and manufacturing of movements that serve as the core mechanisms in wristwatches. ETAs movements are utilized by a diverse range of watch brands, from prestigious Swiss manufacturers to more accessible and affordable labels. The widespread use of ETA movements has contributed to their reputation as benchmarks of Swiss watchesOris WatchesOr and manufacturing a movement completely in-house is time-consuming and expensive. Therefore, modifying an ETA movement comes as an ideal alternative. The debate over making a movement in-house or sourcing from a third party is still a heated topic. While it might be true that in-house movements are more unique and customized, its not necessarily better in performance. Moreover, ETA with its long legacy has better quality control and its movements include the ETA movements include the ETA movements. Some of the most well-known ETA movements include the ETA 2824 and ETA 2892, which have become industry standards for their accuracy and durability. Read also: Exploring the Intricacies and Accuracy of Sellita Movements ABrief History of ETA SA Manufacture Horlogre SuisseETA SA Manufacture Horlogre Su evolution of Swiss watchmaking. The journey of this renowned movement manufacturer dates back to the mid-19th century, with its roots firmly planted in the establishment of Eterna in 1856. The precursor to ETA, Eterna, initially embarked on a mission to craft high-quality timepieces. Over the decades, Eterna underwent transformations and expansions, eventually giving rise to the birth of ETA in 1932. The newly formed ETA, originally named bauches S.A., emerged as a specialized entity with the primary objective of producing movements that would serve as the beating hearts of a wide array of watches. As the Swiss watch industry navigated through various phases of change and challenges, ETA emerged as a key player during the quartz revolution of the 1970s. While the industry saw a surge in popularity for quartz movements due to their accuracy and cost-effectiveness, ETA showcased remarkable adaptability. The company continued to focus on crafting high-quality mechanical movements, appealing to those who cherished the traditional craftsmanship and artistry of mechanical watches. The Most Popular ETA Movements are renowned for their precision, reliability, and versatility, making them the go-to choice for many watch brands. Here are some of the most popular ETA movements: 1. ETA 2824-2Type: Automatic Functions: Hours, minutes, seconds, dateDescription: The ETA 2824-2 is one of the most widely used automatic movements in the watch industry with 38 hours of power reserve. Known for its robustness and accuracy, it has become a standard choice for many mid-range and luxury watches.2. ETA Valjoux 7750Type: Automatic chronographFunctions: Hours, minutes, seconds, date, chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription: The Valjoux 7750 is one of the most popular automatic chronographDescription automatic chronographDescription automatic chronographDescription automatic chronographDescription automatic chr ETA 2892-A2Type: AutomaticFunctions: Hours, minutes, seconds, dateDescription: Considered a higher-grade movement than the 2824-2, the ETA 2892-A2 is known for its slim profile and excellent timekeeping. It is often used in more high-end watches due to its superior craftsmanship.Read also:All the Things You Should Know about Miyota MovementWatches with ETA MovementsExplore enduring precision and timeless craftsmanship with our curated selection of watches featuring renowned ETA movementETA 2824-2/SW 200Dimension42mm in diameter, 49mm lug to lug, 13mm thick. Water resistance300mThe first ETA movement watch is Steinhart Ocean One Black Ceramicwhich comes with exceptional craftsmanship and precision. Powered by a reliable ETA 2824-2 movement, this timepiece ensures accurate timekeeping with the robust performance characteristic of Swiss watchmaking. The use of high-quality materials, including a sleekceramic bezel, enhances its durability and aesthetic appeal. The watchs design, featuring a striking black dial and luminescent markers, exudes a sense of understated elegance. Price: \$490.00 USDBall Watch Co. Trainmaster Standard Time Chronometer Ref. NM3888D-LL1CJ-WHMovementAutomatic caliber BALL RR1105Dimension40mm in diameter and 10.3mm thickness.Water resistance30mTheBall Watch Co. Trainmaster Standard Time Chronometerexemplifies the brands commitment to precision and quality craftsmanship. This Ball watch is driven by an automatic caliber BALL RR1105 which is based on an ETA 2892-2. The ETA movement ensures the Trainmaster Standard Time Chronometer maintains exceptional timekeeping standards, while the elegant design and attention to detail make it a sophisticated choice for watch enthusiasts. Price: \$2,143.00 USDDamasko DC76MovementDAMASKO chronograph movement C51-6Dimension41mm in diameter, 49,7mm lug to lug, 14,6mm thick. Water resistanceLast on the list is theDamasko DC76which flaunts a functional design with a chronograph function. Powering the watch is DAMASKO chronograph movement C51-6 which is based on proven Valjoux 7750. This chronograph watch exudes a contemporary aesthetic with its matter stainless steel case and anti-reflective sapphire crystal, providing both a rugged durability and a sophisticated appeal. The combination of Damaskos meticulous craftsmanship and the reliable ETA movement makes the DC76 a compelling choice for enthusiasts who appreciate the fusion of Swiss precision and German engineering in a timepiece. Price: \$3,474.00 USDConclusionThe ETA movement represents the resilience and adaptability of the Swiss watchmaking industry. ETA has played a crucial role in shaping the landscape of modern watchmaking. As technology continues to advance, ETAs legacy endures, reminding us that the heart of a fine timepiece lies in the precision and craftsmanship of its movement. Read also: Answering the Wonders Around In-house Watch Movements New & Feature Swiss luxury watches have either one of two movements: in-house or ETA. Most people who are new to watch collecting might have heard of an ETA movement but have heard of an ETA movement but have been in the business for quite a while know exactly what were talking about. No, its not an acronym for Estimated Time of Arrival. To put it simply, ETA is Switzerlands biggest and leading movement maker. This companycreatesthenervous system of your watch. Brandssuch as Tudor, TAG Heuer, Omega, and Frdrique Constantmainly uses an ETA movement or ETA-based movements. What is ETA SA? ETA SA Manufacture Horlogre Suisse simply known to many as ETA provides and supplies movements to various watch brands. The company produces guartz movements as well asbauches, bauche, in horology, refers tounassembled or partially assembled parts of a movement. Now a wholly-owned subsidiary of The Swatch Group, ETA supplies its sister companies and other companies parts or whole movements for their timepieces. Photo from ETA SAE history traces as far back as 1793 despite it being officially founded in 1856. The institution ultimately came about as a result of the Swiss watch industry. The amalgamation of former movement manufacturers such as Valjoux, Peseux, and Lemania brought the
company about. In 1793, four master watchmakers namelyDavid Benguerel, and Francis and Julien Humbert-Droz opened aworkshop and business namedFabriques dHorlogerie de Fontainemelon (FHF). In 1856, more than six decades later, in Grenchen, an bauche factoryemerged throughUrs Schild, a schoolmaster, and Dr. Joseph Girard. This would later become Eterna. Generally, ETA SA was Eternas movement branch founded in 1896. Through the years, Eterna established a separatesection for its movements. Then in 1926, a tie-up between Eternas ETA SA and FHF formedbauches Ltd.TheFall and Rise of the Swiss Watch Industry The years that followed werent particularly good for the Swiss watch industry. Before the war emerged, Omega and Tissot founded Socit Suisse pour lIndustrie Horlogre (SSIH) in 1930. The company established itself as a powerful player in the industry by unifying companies that produce high-quality movements and watches. A year later, in 1931, Allgemeine Schweizerische Uhrenindustrie AG (ASUAG) came into the picture. As a solution to the Great Depression that took over the economy in the same year, the Swiss Government and the Swiss Banks formed ASUAG. Since the establishment of both companies, SSIH and ASUAG led the Swiss watch industry in many ways. ASUAG, in itself, became the biggest group by purchasing companies under its subsidiaryGeneral Watch Co (GWC). The companies, however, didnt stop at that. They started complementary research and development programs to fight the economic crisis. However, didnt stop at that 1970s, both ASUAG and SSIH faced financial troubles and ultimately, bankruptcy. After few years, in 1978, SA and ETA merged. The Formation of The Swatch GroupSince the merger, Dr. Ernst Thomke led ETA SA. At the time, Dr. Thomke became the CEO of Ebauches SA and wasdelegated on the Board of Directors of ASUAG. Later, in 1983 and under the leadership of Dr. Thomke, ASUAG and SSIH mergedand becameSocit de Microlectronique et dHorlogerie or SMH. Then, in 1985, ETA acquired all production from bauches Ltd. and FHF that were both parts of SMH. As the first CEO of SMH, Dr. Thomke held his position until 1991. With the arrival of Nicolas G. Hayek, the board elected a new Chairman. However, as the main shareholder, Hayek ultimately became the only person of reference for SMH. In 1998, SMH was renamed towhat we know today as The Swatch Group. Photo from ETA SAAdvantages of an ETA MovementA lot of brands produce in-house movements. However, most of these in-house movements still find its roots from modified and improved in certain ways (such as with the Omega Co-axialwatches). ETAs existence area to find, designing, developing, and manufacturing in-house movements take a lot of risks. Firstly, its expensive and, of course, aspects so the brands themselves can now focus on the creation of their watches. ETA usually suppliesvarious brands when a sembled movements. Because ETA only focuses on the development of movements, they surely have higher standards when it comes to quality control. As aresult, their movements boast accuracy, precision, reliability, as well as durability. ETA creates various calibres of diverse grades. Some of their watches are even COSC-certified chronometers.5Best ETA MovementsETA movements dominate the market when it comes to both mechanical and quartz movements.Quartz, however, remains to be their most popular especially as they supply this throughout the Swatch Group. The presence of an ETA movements and the watchesthey power. Mechanical Movements ETA Calibre 2824-2 Movement | Photo from ETA SA1. ETA 2824-2Labelled by the watch community as a workhorse movement, ETA calibre 2824-2 boasts its wide popularity among enthusiasts. As one of the most recognised movements, it also became the quintessence of reliability and efficiency among ETAmovements. Its production began in 1982. Based on the original Eterna Calibre 1427, automatic movement ETA 2824 comes in four grades available: Standard, Elaborated, Top, and Chronometer priced accordingly. The adjusts in two positions with an accuracy of +/-12 seconds a day; perfect for an everyday watch Elaborated adjusts in three positions with an accuracy of +/-12 seconds aday up to +/- 30 seconds a day; perfect for an everyday watch Elaborated adjusts in three positions with an accuracy of each grade go as follows: of+/-7 seconds aday up to +/- 20 seconds a day Top adjusts in five positions with an accuracy of+/-4 seconds day up to +/- 15 seconds aday up to +/- 10 seconds aday up to + own. Since ETA supplies the movement toa huge market, rebranding the calibre makes for a smart business move. It certainly drives up the cost of the watch, making it seem like an in-house calibre number doesn't necessarily drives up the cost of the watch. change the overall function of the movement. It is, in fact, for branding purposes alone. Unfortunately, the patent for ETA2824 already expired. This allowed cloned versions or replication of the popular ETA movement. For instance, you have the Sellita Calibre SW200 and the Seagull Calibre ST2130. This movement features about 38 hours of power reserve and vibrates at 28,800 beats per hour. It comes at 25.6mm in diameter and a fair 4.6mm in thickness. Moreover, the movement is now known as ETA 2824-2, the -2 suffix refers to its generation. Watches that feature this calibre include the Tissot Carson via the Powermatic 80 movement. A modified version of this movement runs the IWC Pilo Mark XVIII, improved with42 hours of power reserve and renamed as Calibre 2892.A2 Movement | Photo from ETA SA2. ETA 2892.A2 movement for many reasons. It is, after all, the successor to the ETA SA2. ETA 2892.A2 movement | Photo from ETA SA just about any watch that has it. This movement powers the most expensive watchesthat ETA supplies. Its no surprise given that this movementrequires certified chronometers to fully capture its functionality. To put it to technical terms, this watch has an accuracy of about+/-20 seconds a day to +/-5 seconds a day. It has three grades of production quality to this movement as most ETA movements do. Elaborated Adjusts to four positions with an average accuracy of +/-3 seconds a day to +/-15 seconds per day to +/-15 seconds a day to +/-20 seconds a -4/+6 seconds a dayThis movement vibrates at 28,800 beats per hour with 42 hours of power reserve and 21 jewels. Its a lot thinner than the ETA 2824 at 3.6mm. It offersas an exceptional base for most chronograph movements. As earlier mentioned, the Omega Co-Axial movement is based on an ETA movement the ETA 2892. A2, for this matter. They rebranded themovement as Omega 1120 for theOmega Seamaster Professional 300. As such, the Breitling B41 on theBreitlingTransocean Automatic Chronographis based on the ETA 2892.A2 as well. ETA Chronograph Calibre 7750 Valjoux | Photo from ETA SA3. ETA/Valjoux 7750The ETA7750 is by far the most popular and recognisable automatic chronograph movement. Now, you might be confused as to why its either called Valjoux or ETA 7750. Valjoux joinedEbauches SA in 1944. So, it was part of the many mergers that went in between various organisations in the Swiss watch industry through the 20th century. Formally, ETA refers to the movement with proprietariness as ETA 7750 or append the Valjoux for reference. This traces back to itsbase movement, themanual wind Valjoux Calibre 7733. Today, this movement works as part of ETAs Mecaline Chronograph movements. This movement works as part of ETAs Mecaline Chronograph movement works as part of ETAs Mecaline Chronograph movement works as part of ETAs Mecaline Chronograph movement. more variations. 7750 with sub-dials on 12, 6, and 9 oclock positions and a day/date window at 3 oclock.7751 with sub-dials on 12, 6, and 9 oclock positions and a with a date window at 4 oclock.7754 with sub-dials on 12, 6, and 9 oclock positions, a date window at 3 oclock and a GMT hand. Just like the ETA 2824, the patent for ETA 7750 already expired. This sprung up various other versions of the movement from otherbrands such as the Sellita SW500. The movement weighs a bit hefty at 30mm in diameter and 7.9mm thickness. It also features up to 48 hours of power reserve. You can see the ETA 7750 Valjoux in aHamilton BeLOWZERO Chronograph. Its the base movement for the Dase for the TAG Heuer Calibre 16, it powers various powerful chronographs from the brand such as the TAG Heuer Aquadiver Automatic Chronograph.Quartz Movements Contrary to what it may lead you to believe, ETAs quartz movements prove more popular toenthusiasts, even brands. This is due to the fact that ETA usually supplies movements to Swatch Group brands. quartz movements as well. Quartz movements definitely changed theindustry in more ways than one. Without this movement, we wouldnt enjoy more affordable choices for timepieces. We might as well be looking at shorter lifespans and perhapseffortless shock resistance. ETACalibre 282.002 | Photo from ETA SA4. ETA282.002The ETA 282.002 quartz movement comes from thecompanysFlatline series. This series features a selection of high-end brass movements. With its extremely thin (thus, its name) and customisable exterior, the movements from this collection easily becomes removable and repairable. ETA 282.002 allows for a flexible, elegant design among watches. It is, in fact, the thinnest available movement on the Swiss Made market. With a thickness of only 1.20 mm, its a powerful movement forchictimepieces. Moreover, with itsHeavyDrive technology, it can support theunbalances ofmore than200%. Thisanti-shock system is exclusive only to ETA.Enjoy this calibre on the RadoTrue Thinlinewatches.ETA Calibre F05.841 | Photo from ETA SA5. ETAF05.841ETA F05.841, on the other hand, comes fromETAs Trendlineseries. The Eta movements in this range are called entry-level quartz movements. Due to the composite materials used such assynthetic spacer, main plate and bridges in brass, movements under this range present great value for
money. TheETA F05.841 features three hands, a date window, as well as a moon phase window for added elegance. Despite the moon phase function at 6 oclock, thismovement still aligns itself at the same value as other Trendline movements. It also has3 jewels, end-of-life display, and measures about3.60 mm inheight and23.30 mm in diameter. The luxurybrandBalmainpowers its de Balmain Moon Phasewatch with this movement. Monopoly ControversyIn 2002, Swatch Group released a statement that threatened to stop sellingbauches to third-party companies. This means any brand not under the Swatch Group will never beable to use ETA movements on their watches. Themarket, of course, uproared with complaints that if they can no longer buymovements from ETA, they willgo out of business. Swatch Group ultimately got a bad rep for this as they appear to aim tosaturate the market with only their products and eliminate any and allcompetitions. Due to this, the Swiss Competition Commission ran an investigation on the situation. It took many dreadful years before reaching an agreement in 2013. In the agreement, swatch may do whatever they please with their products. However, as 2020 dawned, the agreement stands on. Through a study, its revealed that ETA still supplies most companies with its movements, therefore, giving them the freedom to cut back since stopping the supply for good will dwindle down the Swiss watch economy. The Swatch Group, however, hopes that by 2023, the issue will be resolved to give them the freedom to cut back since stopping the supply for good will dwindle down the Swiss watch economy. holds immense power and influence in the industry. Similarly, an ETA movement maintains great power over a single timepiece. Every watch powered by ETA surely boasts impressive stats, to no surprise. While not everyone recognises the greatness of ETA movements, they will surely remain a force to be reckoned with. Want to learn more watch terms? Check out our guides on Sapphire Crystal andCOSC Certification! Written By: Vahid MoradiPerhaps a more fitting way to ask this question is not so much "what is ETA watch movement?" ETA SA is a Swiss watch manufacturer that specializes in creating some of the finest watch components in the world and in the watch industry. More specifically, Swiss ETA produces mechanical watch movements (the internal mechanism of the watch), which can be found in a wide variety of luxury watches. In fact, the ETA SA is so popular that it is featured in different brands throughout the swiss watch industry! Perhaps it is most effective to think of the ETA Swiss movement as the industry standard. ETA has been featured in so many different mechanical watches for so long that it may, in fact, be the most popular movement in all of watchmaking history. About ETA SAAs mentioned, ETA is an essential part of the Swiss watch industry. This luxury watch brand has created a profound name for itself since its founders, Dr. Joseph Girard and Urs Schild, introduced it to the world. Let's dive a little deeper into who ETA is: The Brand - ETA SA Manufacture Horlogre Suisse, or ETA for short, has been making movements and mens fine watches since the early 1800s. Though it was officially founded in 1856, ETA SA began as a humble watch shop with four founding members: David Benguerel, Isaac Benguerel, Francis, and Julien Humbert-Droz. The Subsidiary - Currently, the Swatch Group effectively licenses the clock's movements produced by ETA SA in their own watches. Additionally, the Swatch Group effectively licenses the clock's movements produced by ETA is a wholly-owned subsidiary of The Swatch Group effectively licenses. the technology produced by ETA SA by allowing other watch manufacturers to use their movements. By including ETA SA movements in their watches are "Swiss Made." ETA movements are world-renowned not just for their common use in other luxury watches but also for their precision, durability, and cost. Let's take a closer look at some of ETA's movements and why they are heralded as a "go-to" movement for luxury watch brands worldwide. THE DIFFERENT TYPES OF ETA WATCH MOVEMENTSETA specializes in two distinct types of watch movements; quartz and mechanical. While each has its place within the watch manufacturing community, it is actually ETA's quartz movements that are the more coveted of the two. ETA's quartz movements have a reputation for unparalleled accuracy and durability, making them an excellent value for a Swiss watchmaker interested in the value props that a quartz movement represents. Here's more on these ETA watch movements:Quartz - Quartz movements have seen a great comeback since the quartz crisis of the 1970s. ETA was especially impacted by the quartz movements (especially impacted by the quartz movements) are now a staple in the ETA arsenal. Mechanical - Unlike the ticking second hand of the quartz watch, the mechanical movement features a smooth, sweeping motion. ETA is well regarded as having one of the best mass-produced mechanical watch manufacturing industry. The ETA caliber 2824-2 has become a staple in the watch manufacturing industry. 2 is said by some to rival the internal movements of Rolex, which is high praise for ETA!WHAT ARE THE BENEFITS OF ETA MOVEMENTS?Traditionally, there have been three major benefits for a watchmaker to use ETA rather than committing the time, effort, and resources to make their movements in-house. Capital spent, time consumed, and reliability of the movement itself are all part of the decision to employ an ETA movement instead of crafting one in-house.Cost - Although we have touched on it briefly, it is more cost-effective for a watch manufacturer to purchase and use an ETA movement. The materials, manpower, and time spent are all cost factors that watchmakers must keep in mind when crafting a watch. Time - Building a watch requires a great deal of time, and using an ETA movements a watchmaker desires. FINAL THOUGHTS ON ETAOverall, the shift that many brands are making to producing their movements in-house is a good thing. While ETA movements are certainly terrific caliber movements, there is a desire from both the consumer and the brands to have an in-house movement in the watch. When a luxury watch brand like Panerai controls the process of production, they are able to mold and tweak watch movements to fit very precise specifications, especially as they apply to a new watch design. As Panerai launches its new line of mechanical watches with in-house movements, be on the lookout for some intriguing designs and new complications. The shift back to a more "in-house" approach is sweeping the luxury watch industry, and Panerai is leading the charge with many others like Cartier, IWC, and JLC. To find a new Panerai men's watch that features a new P6000 caliber movement, visit us here at CJ Charles. We also offer full-service repair, in case you're wondering how to change your Panerai strap, need a polish, or need to identify whether it features the new in-house designed P6000 or the reliable industry standard of an ETA movement. Written By: Vahid Morai Vahid Morai single focus in business was to become recognized as the pinnacle of value and world-class quality in the his Community. Over 34 years later, CJ Charles continues to grow and thrive as a successful, family-owned business that consistently provides exceptional service to all their clientele. If a movement is the heart of a watch, then ETA movements arguably beat at the very core of the Swiss luxury watch industry. ETA is Switzerlands largest movement maker, and theyve played a large part in defining the industry as it is today. However, many believe theres a stigma around ETA. In recent years, watchmakers have started to place greater emphasis on creating their own in-house movements. In turn, some people have developed certain connotations with ETA and written them off as being lesser than. However, that couldnt be further from the truth. ETA is an indispensable part of the industry, and their movements play a significant role in luxury watches. Its safe to say that without ETA, the Swiss watchmaking industry in particular wouldnt be what it is today. Here, well shed some more light on ETA and the movements they produce. What is ETA SA? ETA SA Manufacture Horlogre Suisse specializes in watch movements. Today, a majority of watch brands source these movements to power their watches. ETAs history dates back over a century to 1856. That year, two men named Dr. Joseph Girard and Urs Schild founded a movement manufacturer. Two decades later in 1876, they named the company Eterna. By 1932, Eterna had divided into two entities. The first was a watchmaking facility called Eterna SA. It was then that ETA was officially born. Through a complex series of mergers and buyouts over the years, ETA has since become a subsidiary of Swatch Group. However, because of ETAs structure and position in the market, the Swiss government requires them to supply movements to brands outside of Swatch Group. the way for these movements to be the most prolific watch calibers today. What are ETA movements? Some watch brands do in fact produce their names on modified ETA movements. To design, develop, and manufacture a watch caliber completely in-house is expensive and time-consuming Alternatively, modifying an ETA movement or bauches is a sensible alternative for many companies. Some people believe that the best watch movements can only come from watchmakers that produce them entirely in-house. Its true that they are perhaps more creative, customized, or unique but not necessarily better. Others would argue ETA has better quality control, and their movements are more reliable, accurate, and time-tested. Plenty of industry veterans recognize the steadfast performance of ETA mechanical movements are arguably some of the best available, regardless of where your opinion stands. What are the most popular ETA movements? Among ETAs selection of
bauches and quartz and mechanical calibers, there are three standouts: the 2824, 2892, and 7750. The 2824 is a self-three standouts: the 2824 is a self-three standouts: the 2824 is a self-three standouts. winding movement with a 38-hour power reserve. You can find it in watches produced by brands like Tudor and Breitling. A base ETA 2824. However, its thinner construction makes it a more premium option, particularly for chronograph models. IWC and Omega are just two of the brands who employ the 2892. A base ETA 2892 movement in an OMEGA Seamasters caliber 1120Perhaps the most famous of the ETA calibers is the 7750 Valjoux automatic chronograph movement. The 7750 Valjoux does away with the intricate column wheel and uses a three-plane cam systeminstead. As a result, its a superior option for chronographs because it allows for a number of upgrades. The unique design also makes it easier to produce in large quantities. Aside from mid-1980 onwards. A base ETA Valjoux 7750 movement in an IWC Top Gun Double Chronos caliber 79230Without ETAs movements, the watch industry would not be where it is today. As Swatch Group continues to reduce the number of ETA movements are investing in making their own in-house calibers. So what does the future hold for ETA and its role in the industry? That remains to be seen.Editors Note: Updated in June of 2019 for clarity New & Feature Swiss luxury watches have either one of two movements: in-house or ETA.Most people who are new to watch collecting might have heard of an ETA movement but have little to no idea what it really is.Meanwhile, those who have been in the business for quite a while know exactly what were talking about. No, its not an acronym for Estimated Time of Arrival. To put it simply, ETA is Switzerlands biggest and leading movement maker. This companycreates thenervous system of your watch, most especially your Swiss luxury watch. 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As the first CEO of SMH, Dr. Thomke held his position until 1991. With the arrival of Nicolas G. Hayek, the board elected a new Chairman. However, as the main shareholder, Hayek ultimately became the only person of reference for SMH. In 1998, SMH was renamed towhat we know today as The Swatch Group. Photo from ETA SAAdvantages of an ETA Movementa lot of brands produce in-house movements. However, most of these in the second sec house movements still find its roots from an ETA movement, only modified and improved in certain ways (such as with theOmega Co-axialwatches). ETAs existencegreatly takes off the burden from various watch brands. Researching, developing, and manufacturing in-house movements take a lot of risks. Firstly, its expensive and, of course time-consuming. ETA focuses on all these aspects so the brands themselves can now focus on the creation of their watches. ETA usually suppliesvarious brands with complete, assembled movements. However, some companies prefer the supply of bauches in building their in-house movements. Because ETA only focuses on the development of movements, they surely have higher standards when it comes to quality control. As aresult, their movements boast accuracy, precision, reliability, as well as durability, as well as durability, as well as durability, as well as durability. comes to both mechanical and quartz movements. Quartz, however, remains to be their most popular especially as they supply this throughout the Swatch Group. The presence of an ETA movements ETA Calibre 2824-2 Movement | Photo from ETA SA1. ETA 2824-2 Labelled by the watch community as a workhorse movement, ETA calibre 2824-2 boasts its wide popularity among enthusiasts. As one of the most recognised movements, it also became the quintessence of reliability and efficiency among ETA movements. Its production began in 1982. Based on the original Eterna Calibre 1427, automatic movement ETA 2824 comes in four grades available: Standard, Elaborated, Top, and Chronometer priced accordingly. The adjusts in two positions with an accuracy of +/-12 seconds aday; perfect for an everyday watchElaborated adjusts in three positions with an accuracy of+/-7 seconds aday up to +/- 15 seconds aday up to +/but a lot of companiestake this calibretorebrand it as their own. Since ETA supplies the movement toa huge market, rebranding the calibre Making it seem like an in-house calibre. A great example would be the Glycine Caliber GL224 as well as the Frederique Constant Calibre FC-303.Renaming the calibre number doesnt necessarily change the overall function of the movement. It is, in fact, for branding purposes alone. Unfortunately, the patent for ETA2824 already expired. This allowed cloned versions or replication of the popular ETA movement. For instance, you have the Sellita Calibre SW200 and the Seagu Calibre ST2130. This movement features about 38 hours of power reserve and vibrates at 28,800 beats per hour. It comes at 25.6mm in diameter and a fair 4.6mm in thickness. Moreover, the movement is now known as ETA 2824-2, the -2 suffix refers to its generation. Watches that feature this calibre include the Tissot Carson via the Powermatic 80 movement. A modified version of this movement runs the IWC Pilot Mark XVIII, improved with 42 hours of power reserve and renamed as Calibre 2892.A2 as the best ETA movement for many reasons. It is, after all, the successor to the ETA 2824 calibre, discussed above. In fact, it hikes up the price of just about any watch that has it. This movement powers the most expensive watchesthat ETA supplies. 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Quartz movements prove more popular toenthusiasts, even brands. This is due to the fact that ETA usually supplies movements to Swatch Group brands. Given that this company ultimately responds to the Quartz Crisis, ETA took a shot at quartz movements as well. Quartz movements definitely changed theindustry in more ways than one. Without this movement, we wouldnt enjoy more affordable choices for timepieces. We might as well be looking at shorter lifespans and perhapseffortless shock resistance.ETACalibre 282.002 | Photo from ETA SA4. ETA282.002The ETA 282.002 quartz movements. With its extremely thin (thus, its name) and customisable exterior, the movements from this collection easily becomes removable and repairable.ETA 282.002 allows fora flexible, elegant design among watches. It is, in fact, the thinnest available movement on the Swiss Made market. With a thickness of only 1.20 mm, its a powerful movement forchictimepieces. Moreover, with itsHeavyDrive technology, it can support theunbalances of more than 200%. Thisanti-shock system is exclusive only to ETA.Enjoy this calibre on theRadoTrue Thinlinewatches.ETA Calibre F05.841 | Photo from ETA SA5. ETAF05.841ETA F05.841ETA F05.841, on the other hand, comes fromETAs Trendlineseries. The Eta movements in this range are called entry-level quartz movements. Due to the composite materials used such assynthetic spacer, main plate and bridges in brass, movements under this range present great value for money. TheETA F05.841 features three hands, a date window, as well as a moon phase function at 6 oclock, thismovement still aligns itself at the same value as other Trendline movements. It also has3 jewels, end-of-life display, and measures about 3.60 mm inheight and 23.30 mm in diameter. The luxurybrandBalmainpowers its de Balmain Moon Phasewatch with this movement. Monopoly ControversyIn 2002, Swatch Group will never beable to use ETA movements on their watches. 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Final ThoughtsETA SA definitely holds immense power and influence in the industry. Similarly, an ETA movement maintains great power over a single timepiece. Every watch powered by ETA surely boasts impressive stats, to no surprise. While not everyone recognises the greatness of ETA movements, they will surely remain a force to be reckoned with. Want to learn more watch terms? Check out our guides on Sapphire Crystal andCOSC Certification! New & Feature Swiss luxury watches have either one of two movements: in-house or ETA.Most people who are new to watch terms? little to no idea what it really is.Meanwhile, those who have been in the business for quite a while know exactly what were talking about. No, its not an acronym for Estimated Time of Arrival.To put it simply, ETA is Switzerlands biggest and leading movement maker. This companycreates the nervous system of your watch, most especially your Swiss luxury watch. 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quality control. even COSC-certified chronometers.5Best ETA Movements dominate the market when it comes to both mechanical and quartz movements. Quartz, however, remains to be their most popular especially as they supply this throughout the Swatch Group. The presence of an ETA movements dominate the market when it comes to both mechanical and quartz movements. Made. Here are the best ETA movements and the watchesthey power. Mechanical Movements, it also became the quintessence of reliability and efficiency among ETAmovements. Its production began in 1982. Based on the original Eterna Calibre 1427, automatic movement ETA 2824 comes in four grades available: Standard adjusts in two positions with an accuracy of+/-12 seconds a day up to +/- 20 seconds a day; perfect for an everyday watchElaborated adjusts in five positions with an accuracy of+/-7 seconds a day up to +/- 15 seconds a day. watchesIts best to know which grade your watch has to better understand its value. You might not notice it but a lot of companiestake this calibre makes for a smart business move. It certainly drives up the cost of the watch, making it seem like an inhouse calibre. A great example would be the Glycine Calibre GL224 as well as the Frederique Constant Calibre FC-303. Renaming the calibre alone. Unfortunately, the patent for ETA2824 already expired. This allowed cloned versions or replication of the popular ETA movement. For instance, you have the Sellita Calibre SW200 and the Seagull Calibre ST2130. This movement features about 38 hours of power reserve and vibrates at 25.6mm in diameter and a fair 4.6mm in thickness. Moreover, the movement is now known as ETA 2824-2, the -2 suffix refers to its generation. Watches that feature this calibre include the Tissot Carson via the Powermatic 80 movement. A modified version of this movement as Calibre 30110. ETA Calibre 30110. ETA Calibre 30110. ETA SA2. ETA 2892.A2Manyenthusiasts deem theETA Calibre 2892.A2 as the best ETA movement for many reasons. It is, after all, the successor to the ETA 2824 calibre, discussed above. In fact, it hikes up the price of just about any watch that has it. This movement powers the most expensive watchesthat ETA supplies. Its no surprise given that this movement requires certified chronometers to fully capture its functionality. To put it to technical terms, this watch has an accuracy of about+/-20 seconds a day to +/-5 seconds a day to +/-5 seconds a day to +/-5 seconds a day to +/-20 seconds a day. positions with an average accuracy of +/-4 seconds a dayThis movement vibrates at 28,800 beats per hour with 42 hours of power reserve and 21 jewels. Its a lot thinner than the ETA 2824 at 3.6mm. It offersas an exceptional base for most chronograph movements. As earlier mentioned, the Omega Co-Axial movement is based on an ETA movement as Omega 1120 for theOmega Seamaster Professional 300. As such, the Breitling B41 on theBreitlingTransocean Automatic Chronographis based on the ETA 2892.A2 as well. ETA Chronograph Calibre 7750 Valjoux | Photo from ETA SA3. ETA/Valjoux 7750The ETA7750 is by far the most popular and recognisable automatic chronograph movement. Now, you might be confused as to why its either called Valjoux or ETA 7750. Valjoux joinedEbauches SA in 1944. So, it was part of the many mergers that went in between various organisations in the Swiss watch industry through the 20th century. Formally, ETA refers to the movement, themanual wind Valjoux Calibre 7733. Today, this movement works as part of ETAs Mecaline Chronograph

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ETA 2892.A2Manyenthusiasts deem the ETA Calibre, discussed above. In fact, it hikes up the price of just about any watch that has it. This movement powers the most expensive watchesthat ETA supplies. Its no surprise given that this movement equires certified chronometers to fully capture its functionality. To put it to technical terms, this watch has an accuracy of about+/-20 seconds a day to +/-5 seconds a day to +/-5 seconds a day. Adjusts to four positions with an average accuracy of +/-5 seconds a day to +/-20 seconds a day to +/-15 seconds a day to +/-15 seconds a day to +/-15 seconds a day to +/-10 seconds a day to +/-10 seconds a day to +/-20 seconds a hour with 42 hours of power reserve and 21 jewels. Its a lot thinner than the ETA 2824 at 3.6mm. It offersas an exceptional base for most chronograph movement is based on an ETA movement is based on Professional 300. As such, the Breitling B41 on theBreitlingTransocean Automatic Chronographis based on the ETA 2892.A2 as well. ETA/Valjoux 7750The ETA7750 is by far the most popular and recognisable automatic chronograph movement. Now, you might be confused as to why its either called Valjoux or ETA 7750. Valjoux joinedEbauches SA in 1944. So, it was part of the many mergers that went in between various organisations in the Swiss watch industry through the 20th century. Formally, ETA refers to the movement with proprietariness as ETA 7750 or append the Valjoux for reference. This traces back to itsbase movement, themanual wind Valjoux Calibre 7733. Today, this movement works as part of ETAs Mecaline Chronograph movements. This movement, themanual wind Valjoux Calibre 7733. Today, this movement works as part of ETAs Mecaline Chronograph movements. This movement, themanual wind Valjoux Calibre 7733. Today, this movement works as part of ETAs Mecaline Chronograph movements. This movement, themanual wind Valjoux Calibre 7733. Today, this movement works as part of ETAs Mecaline Chronograph movements. positions and a day/date window at 3 oclock.7751 with sub-dials on 12, 6, and 9 oclock positions, a central date hand, and a day/month window at 4 oclock.7754 with sub-dials on 12, 6, and 9 oclock positions, a date window at 12. It also includes a moon phase window at 4 oclock.7754 with sub-dials on 12, 6, and 9 oclock positions, a date window at 12. It also includes a moon phase window at 4 oclock.7754 with sub-dials on 12, 6, and 9 oclock positions, a date window at 12. It also includes a moon phase at 3 oclock and a GMT hand. Just like the ETA 2824, the patent for ETA 7750 already expired. This sprung up various other versions of the movement weighs a bit hefty at 30mm in diameter and 7.9mm thickness. It also features up to 48 hours of power reserve. You can see the ETA 7750 Valjoux in aHamilton BeLOWZERO Chronograph. Its the base for the TAG Heuer Calibre 1164 as seen on theOmega Speedmaster Day/Date Chronographs from the brand such as theTAG Heuer Aquadiver Automatic Chronograph. Quartz MovementsContrary to what it may lead you to believe, ETAs quartz movements prove more popular toenthusiasts, even brands. This is due to the fact that ETA usually supplies movements to Swatch Group brands. Given that this company ultimately responds to the Quartz movements as well. Quartz movements definitely changed theindustry in more ways than one. Without this movement, we wouldnt enjoy more affordable choices for timepieces. We might as well be looking at shorter lifespans and perhapseffortless shock resistance. ETACalibre 282.002 | Photo from ETA SA4. ETA282.002The ETA 282.002 quartz movement comes from the companys Flatline series. This series features a selection of high-end brass movements. With itsextremely thin (thus, its name) and customisable exterior, the movements from this collection easily becomes removable and repairable. ETA 282.002 allows for a flexible, elegant design among watches. It is, in fact, the thinnest available movement on the Swiss Made market. With a thickness of only 1.20 mm, its a powerful movement forchictimepieces. Moreover, with itsHeavyDrive technology, it can support theunbalances ofmore than200%. Thisanti-shock system is exclusive only to ETA.Enjoy this calibre on theRadoTrue Thinlinewatches.ETA Calibre F05.841 | Photo from ETA SA5. ETAF05.841ETA F05.841ETA F05.841, on the other hand, comes fromETAs Trendlineseries. The Eta movements in this range are called entry-level guartz movements. Due to the composite materials used such assynthetic spacer, main plate and bridges in brass, movements under this range present great value for money. added elegance. Despite the moon phase function at 6 oclock, thismovement still aligns itself at the same value as other Trendline movements. It also has3 jewels, end-of-life display, and measures about3.60 mm in height and23.30 mm in diameter. ControversyIn 2002, Swatch Group released a statement that threatened to stop sellingbauches to third-party companies. This means any brand not under the Swatch Group will never beable to use ETA movements on their watches. Themarket, of course, uproared with complaints that if they can no longer buymovements from ETA, they willgo out of business. Swatch Group ultimately got a bad rep for this as they appear to aim tosaturate market with only their products and eliminate any and allcompetitions. Due to this, the Swiss Competitions. Due to this, the second Swatchmayprogressivelylessenthe number of ETA movements itsupplied to third parties from the time of theagreement, until 2019. By 2020, Swatch may do whatever they please with their products. However, as 2020 dawned, the agreement stands on. Through a study, its revealed that ETA still supplied to third parties most companies with its movements, therefore, giving them the freedom to cut back since stopping the supply for good will dwindle down the Swiss watch economy. The Swatch Group, however, hopes that by 2023, the issue will be resolved to give them the freedom to choosewhich brands they can continue to support. Final ThoughtsETA SA definitely holds immense power and influence in the industry. Similarly, an ETA movement maintains great power over a single timepiece. Every watch powered by ETA surely boasts impressive stats, to no surprise. While not everyone recognises the greatness of ETA movements, they will surely remain a force to be reckoned with. Want to learn more watch terms? Check out our guides on Sapphire Crystal and COSC Certification!

What does eta movement mean. Eta watch movement meaning. Eta movement meaning. What does eta watch movement stand for. Eta movements explained. What is eta movement.