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Credit: The Spruce / Jacob Fox Best for: General tightening and loosening of a wide range of fasteners. Due to its versatility, the crescent or adjustable wrench is a popular option for DIYers. These wrenches have an open end that can be adjusted in size by simply turning a screw located at the rear of the jaws. This makes it possible to fit a crescent
wrench to fittings and fasteners of various sizes instead of searching for an open-ended wrench is very appropriate, given that this type of wrench is designed specifically for working on
pedals. You can most commonly find pedal wrenches in bicycle repair shops, though some fairground maintenance crews may also use these wrenches to repair or maintain pedal cars or pedal boats. Credit: The Spruce / Jacob Fox Best for: Tightening or loosening hexagonal or square nuts and bolts. A box-ended wrench has two closed ends of slightly
varying sizes so that each end can be used to loosen or tighten fasteners of different sizes. The user simply slides the end of the wrench over the nut or the head of the bolts and then turns in the desired direction to apply force. Due to the closed-end design, box-ended wrenches can better grip fasteners than open-ended wrenches without slipping or
stripping the fittings. Credit: The Spruce / Jacob Fox Best for: Bike maintenance and repair. A common addition to bike repair shops, dog bone wrenches are sometimes referred to as dumbbell wrenches due to their dog bone wrenches are sometimes referred to as dumbbell wrenches due to their dog bone wrenches are sometimes referred to as dumbbell wrenches due to their dog bone wrenches due to their dog bone wrenches are sometimes referred to as dumbbell wrenches due to their dog bone wrenches due to the dog bone wr
multiple sockets of varying sizes, making dog bone wrenches a flexible option for quick bicycle repairs. This type of wrench can be used on objects other than bicycles as long as the sockets match the size of the fasteners. Continue to 5 of 25 below Credit: The Spruce / Jacob Fox Best for: General-purpose fitting, fastening, and loosening. Instead of
choosing between a box-ended wrench and an open-ended wrench with one open end and one closed box-end. The open, crescent-shaped end is easier to quickly reposition when loosening a fastener, while the closed box-end provides a better grip when tightening tough nuts and bolts. Credit: The Spruce /
Jacob Fox Best for: Releasing stuck or rusted fasteners. The purpose of a striking wrench is to apply a great amount of force to a stuck or rusted fastener to remove it. Striking wrench when handling a seized nut or bolt. These
heavy-duty wrenches are typically used in metalworking, plumbing, and electrical jobs. Credit: The Spruce / Jacob Fox Best for: Working with fittings in very tight spaces. A crowfoot wrench is just the head of an open-ended wrench without the handle. The wrench acts as a socket wrench fitting, allowing users to access nuts and bolts in hard-to-reach
places. Crowfoot wrenches can be attached directly to the socket wrench's square drive or used in conjunction with an extension drive for better reach through narrow crevices. Credit: The Spruce / Jacob Fox Best for: Adjusting the cones of cup and cone bearings on a bicycle. While cone wrenches are most commonly seen in bicycle repair shops, they
can also be included with some home appliances to adjust the leveling feet. These wrenches are essentially thin pieces of metal with square-shaped openings at either end, intended for tightening or loosening the cones of cup and cone bearings found on bicycles. Continue to 9 of 25 below Credit: The Spruce / Jacob Fox Best for: Removing or
reinstalling car wheels. Most people will have or should have a lug wrench in their vehicle in case of a flat tire. These tools are made to tighten and loosen the large lug nuts that secure a wheel to a vehicle. They are typically about one to two feet long with an L-shaped design. However, like the L-shaped lug wrench style, you can also find X-shaped
lug wrenches with four socket heads of varying sizes, instead of just one socket head. Credit: The Spruce / Jacob Fox Best for: Fast, powerful, pneumatically driven, tightening and loosening. One of the more expensive wrench types is the impact wrench. This type of wrench looks similar to a drill with a bulky body and a trigger to drive the head of the
wrench. However, instead of drill bits, the impact wrench uses sockets of various sizes based on the size of the target fasteners. The wrench connects to an air compressor to drive the sockets, allowing it to apply a high level of force at high speed for either tightening or loosening. Credit: The Spruce / Jacob Fox Best for: Gripping pipes and plumbing
fittings. With a name like a plumber's wrench, the tool's purpose isn't difficult to guess. This type of wrench is used on pipes, plumbing fixtures, and fasteners. It has a set of jaws shaped like hexagonal nuts, which can be controlled by opening or closing the handles, similar to the way pliers work. Adjust the jaws' opening with a slide bolt to better grip
larger pipes or fittings. These tools, also known as channel locks, are highly useful for a wide variety of plumbing projects. Credit: The Spruce / Jacob Fox Best for: Removing fan clutches on vehicles. This type of wrench has a U-shaped opening on
one end that allows the removal or installation of a fan clutch holding tool, while another wrench is used to turn the hex nut. Continue to 13 of 25 below Credit: The Spruce / Jacob Fox Best for: Gripping round or circular objects. The strap wrench is
designed to tighten or loosen round or circular objects, similar to a strap-style oil filter wrench. This type of wrench has a rubber, fabric, or metal band or chain that extends out from the handle and then threads back through the handle to create a closed loop. Fit this loop over a container lid or a round plumbing fitting, then tighten the loop to grip
the fastener. Apply pressure in the direction you want to turn the fastener to tighten or loosen the fitting. Credit: The Spruce / Jacob Fox Best for: Adjustable grip on nuts, bolts, and plumbing fittings. Pliers wrenches have flat-edged jaws at about a 45-degree angle from the handle. To grip the target, open and close the jaws, as you would with a set of
pliers. The opening of the jaws can be adjusted with a bolt slide between two or more positions on the upper handle of the wrench. This tool is an excellent option for quickly switching between fasteners of different sizes. Adjusting the opening jaws requires minimal effort. Credit: The Spruce / Jacob Fox Best for: Unscrewing or tightening screws and
similar fasteners. Allen wrenches are essentially hexagonal bars that are bent into an L-shape. Each end of the bar can be inserted into a compatible hexagonal hole in screws and other similar fasteners to tighten or loosen the fitting. A wide variety of furniture is packaged with an Allen wrench and directions for putting the furniture together so you
can quickly install and tighten fasteners with a hex-shaped recess. Credit: The Spruce / Jacob Fox Best for: Automatically adjusting to the correct size to grip the fasteners of varying sizes. The wrench's head has one small fixed size and a large, rounded
side that opens further based on the pipe size or fitting. To apply pressure to the fitting, just turn the wrench head will bite into the material, preventing the wrench will automatically ratchet back between turns, so the user can continually tighten or loosen fasteners
without repositioning the wrench. Continue to 17 of 25 below Credit: The Spruce / Jacob Fox Best for: Increased maneuverability and working at odd angles. The Saltus wrench can also be referred to as a flex-head socket wrench is a typical
open-ended head. These wrenches are available in various sizes, so you can find the correct ones based on the size of the fasteners you are working with hexagonal nuts and fittings. A flare nut wrench is similar to both a box-end wrench and an open-ended wrench because the
shape of each end is the same as a box-end wrench and an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than that of an open-ended wrench head is much narrower than the open head is much narrow
hexagonal fasteners, making it easier to grip and apply force to these fittings without the wrench slipping. Credit: The Spruce / Jacob Fox Best for: Working under sink basins. Barely recognizable to most as an actual wrench has a long, T-shaped handle
that extends down to a head with a curved jaw that resembles the top of an "S." This wrench instead of a basin wrench instead of a basin wrench. Credit: The Spruce
/ Jacob Fox Best for: Tightening fasteners to a specific torque level. Torque wrenches are intended for working on vehicles, machinery, and other projects requiring high precision. They are commonly used in automotive repair
shops and can come in several varieties, including manual and digital models. However, torque wrench, forcing you to recalibrate the tool or replace it with a new torque wrench. Continue to 21 of 25 below Credit: The Spruce / Jacob Fox Best for: Working on fasteners in
tight spaces with various sizes. A socket wrench is a well-known tool used by automotive professionals and DIYers. Depending on the size of the wrench, then push a new socket over the drive square at the end of the wrench. This type of
wrench has a ratcheting mechanism that engages the wrench to apply force in one direction and then disengages when the wrench is rotated in the opposite direction, allowing the wrench to spin freely. The design allows quick tightening or loosening of fasteners without repositioning the wrench with each turn. Credit: The Spruce / Jacob Fox Best
for: Tightening and loosening bolts without readjusting the wrench. Similar to socket wrenches are designed with a ratcheting function, then disengage and turn freely in the opposite direction. This wrench does not need to be removed from the fitting and repositioned
for each wrench turn. Ratcheting wrenches look similar to box-ended wrenches, except that the end has a ratcheting device inside. The mechanism improves the tool's efficiency and makes it easier to work on nuts and bolts in tight spaces, where it would be hard to readjust the wrench for every turn of the fastener. Credit: The Spruce / Jacob Fox
Best for: Working with large plumbing fittings, and fasteners. As the name implies, a pipe wrench is commonly used to work with pipes. Specifically, they are used with plumbing pipes, fittings, and large fasteners. These wrenches are extensive, heavy tools with metal teeth that grip the material you are working with to prevent the wrench from
slipping as you apply pressure to the fitting. However, the wrench's teeth tend to leave minor scratch marks and indents behind the metal. Pipe wrenches are excellent for large fittings and fasteners, but they aren't intended for smaller fasteners because the bulky size can make it difficult to grip a fitting with a small surface area. Credit: The Spruce /
Jacob Fox Best for: Difficult-to-reach nuts and bolts in various situations. An open-ended wrench is one of the more recognizable types. It has two open ends that are typically slightly different in size, allowing the wrench to be used on a wider range of fittings. Due to their general-purpose design, standard tool kits commonly include multiple open-
ended wrenches of varying sizes. The long neck of the wrench allows one open-ended head to slide into narrow crevices to access nuts and bolts that may otherwise be too difficult to loosen or tighten. Continue to 25 of 25 below Credit: The Spruce / Jacob Fox Best for: Loosening and tightening oil filters. Another specialty wrench, oil filter wrenches,
are specifically designed to loosen and tighten oil filters. They allow automotive professionals and experienced DIYers to quickly and effectively perform oil changes on various vehicles. These wrenches have one short side and one long, rounded side that wraps around the oil filter and grips it tightly. You can also find chain-style oil filter wrenches and
strap-style oil filter wrenches that form a tight loop over the oil filter to tighten or loosen it. Before purchasing a new wrench for the workshop, consider the various projects you typically handle at home or work. Select a wrench based on the specific task you need to accomplish. If you are fastening standard nuts and bolts, choose an ordinary DIY
wrench, like a crescent, open-ended, or box-ended wrench. You may need an oil filter wrench, fan clutch wrench, or torque wrench for automotive repairs. Ratcheting and socket wrenches, are only required for
specific jobs. Once you know the job, check the wrench size to ensure it suits the fasteners you are working with; otherwise, you may invest in a product that cannot be used for the project. In this article, you will learn what are types of wrenches and how to use them? With pictures. And also you can download the PDF file at the end of this post. For
fastening and loosening bolts and pipes, apart from the spanners different types of wrenches are used. Most of these wrenches are adjustable, with different opening ranges. Apart from that, screwdrivers are also applied to tightening and loosening any given job orscrew. Furthermore, check out thetypes of hammers and types of spanners used in the
wrenchAdjustable wrenchImpact WrenchCrowfoot WrenchAccording to the Special Types of WrenchBasin WrenchBasin WrenchDog Bone WrenchDrum KeyBung WrenchFan Clutch WrenchHammer WrenchTorx KeyCone
 WrenchGarbage Disposal WrenchTension WrenchSpoke WrenchSpanner WrenchSpanner WrenchSpanner wits its jaw is made of forging tough steel. On its movable jaw flat threads are cut and on its fixed jaw, a plate is
joined with a groove In it.A knurled round nut is fitted in this groove. On revolving this nut, the movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw, which helps in the proper grip of the job. Pipe wrenches are made of 6, 9, and 18.To fasten or dismantle pipes or round jobs of larger
diameter, a chain wrench is used. When the job is held in the wrench it is revolved. A plate having cuts in its mouth is fitted, which is joined with a rivet. Chain drips the job very strongly. The socket wrench (or ratchet) uses a ratcheting mechanism to allow you to quickly tighten or loosen the nuts or bolts without removing the wrench from the
fastener. This type of wrench is available with 1/4, 3/8 (most common), 1/2, and 1 drives, you fit just the right size socket you will need at the top of the drive. If an obstacle is found while turning the handle, You can reverse the course just to give yourself room and then continue working. These types of wrenches are made to provide a certain amount
usually determined by the manufacturer. The ratcheting wrench is similar to the combination wrench, the ratcheting wrench has at least one end inside which is a ratcheting device. This wrench handle hitting an obstacle after each turn.
This makes it very easy to work in tight areas. Related: What are the different types of screws & their uses? The oil filter wrench is actually of four different styles, which are used primarily in the automotive industry. The chain strap and metal strap are the different types of screws & their uses? The oil filter wrench is actually of four different styles, which are used primarily in the automotive industry. The chain strap and metal strap are the different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & their uses? The oil filter wrench is actually of four different types of screws & the oil filter wrench is actually of four different types of screws & the oil filter wrench is actually of four different types of screws & the oil filter wrench is act
which consists of chopped parts. These fit under a filter cap and are used with a ratchet handle. The combination wrench consists of one side being a closed-end loosens the nut so that the open end is used to quickly finish it. Like sockets
a combination wrench is commonly sold in a kind of wrench size. They have an open end with a spiral screw that is fixed and opens or closes the crescent wrench. For this purpose, it can perform the same basic
 function as a whole set of combinations or an open-ended wrench, although it needs more area due to its thicker size. The air impact wrench uses an air wrench or air gun. It is used to resemble a cordless drill in appearance. This wrench uses
 high torque to remove stubborn nuts or bolts. They are a great option for handling many nuts, although they are a poor choice for any job that requires accuracy. There is no handle for this open wrench. Rather, the single head is manufactured to attach to a ratchet handle and socket extension, permitting it to fit in tight positions. When you do not first
 want to remove the surrounding parts, they do a lot of work to handle the bolts located deep in the body of the machine. Read Also: 23 Different Types of Metals and Their Properties [Explained]When you have heard that someone has mentioned these special wrenches, chances are you will never own them. They are used for very specific functions or
 simply are not in common use outside of certain industries. Which are described below. The pedal wrench consists of a round tip, usually with one or two U-shaped recesses. These types of wrenches are used to repair the pedal wrench consists of a round tip, usually with one or two U-shaped recesses. These types of wrenches are used to repair the pedal wrench consists of a round tip, usually with one or two U-shaped recesses.
adjustable spanner. Its bigger jaw is built with a handle itself. The other jaw is movable on which threads are cut as in the pipe wrench. It is also used as a screw wrench. A plier wrench consists of flat-edged jaws at an angle and each is attached to a constant of the pipe wrench. It is also used as a screw wrench. Its jaw is of plain surface like that of an open-end spanner. These can be adjusted with a round nut. It is also used as a screw wrench. A plier wrench consists of flat-edged jaws at an angle and each is attached to a constant of the pipe wrench. Its jaw is not plain surface like that of an open-end spanner. These can be adjusted with a round nut. It is also used as a screw wrench. A plier wrench consists of flat-edged jaws at an angle and each is attached to a constant of the pipe wrench. Its jaw is not plain surface like that of an open-end spanner. These can be adjusted with a round nut. It is also used as a screw wrench. A plier wrench consists of flat-edged jaws at an angle and each is attached to a constant of the pipe wrench. Its jaw is not plain surface like that of an open-end spanner with a constant of the pipe wrench. Its jaw is not plain surface like that of an open-end spanner with a constant of the pipe wrench. Its jaw is not plain surface like that of an open-end spanner with a constant of the pipe wrench is not plain to the
handle, which is joined by a bolt. The names may not sound familiar, you may have used them at some moment in your life. A bolt slides between two or more positions of an opening on the upper jaw, providing the wrench to be arranged to fit in different sizes of heads. The name evolves from the way this tool is gripped, which is similar to a pair of
pliers. When we hold pipes and round jobs with pipe wrenches are used where damage is caused if such scars on the jobs. Therefore strap wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are used where damage is caused if such scars are used where damage is caused if such scars are used where damage is caused if such scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caused in the scars are used where damage is caus
revolved. The jaws of the plumber wrench are shaped like hexagonal nuts. It is similar to the design of the pliers wrench. The jaws are adaptable to fit a type of pipe fittings. It is particularly used in plumbing for work on pipes and fixtures. Checkout: Different Types of Axes & Their Uses [How To Use Them] This tap wrench is like a key, which fits the
square drive of the tap, used to cut the female thread (such as the inside of the nut). These wrenches can be T-shaped or have a double-handle bar with an attachment socket in the middle. The spud wrench has fallen out of common use was this open-wrench spike at the opposing end used to line the holes on the pipes. It has since been rendered
obsolete by the plumbers wrench, even though it can still be found in the occasional toolbox. The top jaw of the alligator wrench is serrated, while the rear is smooth. The alligator wrench was identified due to the way it gripped nuts. The handle of this wrench looks more like a pointed fang than a modern pipe wrench. As these were primarily
manufactured to handle square-shaped heads, it has become rare to see them outside of films. This type of wrench consists of a long T-shaped handle in a curved, serrated jaw. Its main purpose is to tighten or loosen the heads under the sink and toilet, consequently, it is also known as a faucet wrench. This armorers or single-piece wrench consists of
C-shaped, serrated head and involves a square slot and or a hole to attach the ratchet handle. They are available in many designs and are usually of the specific type or size of the model of gun. These are used for gun repair and maintenance. Read Also: Types of Clamps: Their Working and Uses [How To Use Guide] Each side of the dog bone wrench
has two box-shaped ends that have a different socket size. This wrench is named after its bone-shaped appearance, which is sometimes called the dumbbell wrench. These are only used for bike maintenance, even though their ability to fit in small spaces sometimes makes them useful elsewhere. Some dog bone wrenches have swivel heads for greaten
flexibility. A drum key or square-holly socket wrench consists of a T-shape with a flattened handle. As the name suggests, it is used to tune different percussion instruments, such as drum key with longer handles allows you to apply more torque than shorter handles. A drum wrench is a socket-style wrench available in a variety of styles. It is
also known as a drum plug wrench. It was specifically manufactured to eliminate the plastic or metal dung (cap) on a drum or barrel. These flat clutch wrenches consist of a U-shaped opening at the other end, providing them to
double as a clutch hold tool, while a second wrench is used to turn the hex nut. A hammer wrench is a short, thick wrench is also known as a striking wrench. It is used to tighten large flange fittings and fasteners. A Hammer wrench is also used to release
stuck or rusted nuts and bolts through high force. This heavy-duty wrench is used in some metal, plumbing, or electrical jobs. Read Also: The Essential List of Welding Tools and Equipments [Explained] This Torx key wrench is manufactured to fit into the star-shaped head of some bolts and screws. It is also sometimes known as a star-headed key. They
can be bought in the same L-shape as the average Allen, you can also buy these in a laid-back set that resembles a Swiss Army knife than a wrench set. These wide and flat wrenches are used on the conical part of a cup and cone hub. It is used to accommodate the leveling feet of a bicycle or washing machine but is sometimes used on other gentleman.
projects where a typical open-ended wrench is too thick. Many models come with a larger type of flat wrench with a squat, U-shaped head is pivoted. This latter also used to dislike clogs in cutter variants, exactly exactly
like the Allen variants. A tension wrench is the key element in the lock and can be available in a broad range of designs. They can be hard or soft and are used to apply tension, while the pick does its job. If you have ever seen someone lift a lock in a movie or video game and wonder why they only move one of the two tools, the stable is a tension
wrench.Read Also: What are Thread Taps? 10 Different Types of Thread TapsThe spoke wrench is small in size, they are designed to maintain spokes on the wire wheels. One end consists of a slot that fits around the spoke, while the other end has a drive head that fits around the nipple nut. This type of wrench can be rotated in a full cycle without
removing it due to its size and shape. The place to find this tool is a bike repair shop. Some changes resemble a small open wrench, while some look more like curved, flat metal. The spanner wrench is a special specific class of equipment that has a curved end that can resemble a hook or C-shape. These types of wrenches consist of pins that permit
them to be used on a wide variety of objects, ranging from spanner head screws to retainer rings. As you know now wrench is usually available either male or female. The male wrench is inserted, like the head of a screwdriver. The female wrench is usually available either male or female wrench is usually available either male or female.
bolts, screws, and even caps and casings. Now, I hope Ive covered everything you were looking for about Types of Wrenches. If you like it, then share this with your friends. Lastly, subscribe to our newsletter to get notified when we upload new
posts. Download PDF of this article: Check out more articles on tools in our blog: Types of Wrenches Types of Wrenches are the mechanical devices which are used for
turning the objects. There are various types of wrenches which are discussed in detail below. Scroll down to know more. The socket wrench is also termed ass a ratchet which uses a ratchet which is the type of wrench which is the type of wrench which is the type of wrench which is also termed ass a ratchet which uses a ratchet which uses a ratchet which uses a ratchet which uses a ratchet which is also termed ass a ratchet which uses a ratchet whi
available with some of the most common sizes like 1/4, 3/8, 1/2, and 1 drives amongst which you can fit the most appropriate size of socket depending upon the requirement of your site. In case there is any obstacle found during turning the handle, then you can immediately reverse the course in order to save the object from being damaged and to
continue working. Pipe wrench is referred to as that spanner which is used to fasten or dismantle any type of mechanical devices is made up of forging tough steel. Its movable jaws are found having flat threads which are cut and on its fixed jaw, the plate is joined with a groove which is present inside it.
A knurled round nut is also installed in this type of groove. By revolving this nut, the movable jaw either increases or reduces the size by movement either upwards. Here, a spring is also fixed within the fixed and movable jaw in order to give a proper grip of the job. The pipe wrenches are usually found in the sizes 6, 9 and 18. The
 ratcheting wrench is found to be quite similar to the combination wrench. This wrench has at least one end inside which is a ratcheting device and allows the user to turn the wrench handle hits an obstacle after each turn. This feature helps in easy working in the
areas with less space. Chain wrenches are used in order to fasten or dismantle the pipes or round jobs which are mostly of the larger diameter. Whenever the job is held in the wrench it gets revolved easily. Making of a chain wrench it gets revolved easily. Making of a chain wrench it gets revolved easily.
make the job very strongly. Torque wrenches are the types of wrenches are used for any automotive work for tightening the wheel lug nuts. A torque wrench can also be used on bicycles, farming equipment or any other site where there is a
requirement of tightening the nut or bolt to a particular torque specification which is usually determined by the manufacturer. The oil filter wrench is referred to as that which is actually of four different styles and is used primarily in the automotive industry. The chain strap along with the metal strap style filters apply a loop in order to protect the
filter casing. There are socket-style filter wrenches which resemble with a cup and consists of chopped parts. These wrenches fit under a filter cap which are used with a ratchet handle. The combination wrench is referred to as those which consists of a closed-loop at one end for hexagonal or square nuts and an open U-shape loop at the other end.
These types of wrenches are usually used for hard nuts in order to quickly finish the job. Sockets can be one example of a combination wrench which is fixed and opens or closes the crescent one the
user turns it. Adjustable wrenches are one of the most common types of wrenches are also termed as a crescent wrench as it can perform the same basic function as a whole set of combinations or open-ended wrench, but it needs more area as it is
found to have bigger size. The impact wrench is referred to as that wrench which uses an air compressor while the cordless impact wrench or air gun which is used for resembling a cordless drill. This wrenches are the ones which uses a high torque in order to
remove stubborn nuts or bolts. These devices are a great option for handling many nuts whereas they are a bad selection for any job which requires high accuracy. Crowfoot wrenches are referred to as those wrenches which do not have handles and are therefore termed as open-wrench. The single head is built which can be attached to a ratchet
handle or any socket extension which can allow it to fit in really tight positions. In case the user does not wish to remove the surrounding parts, they can do a lot of work in handling the bolts which are located deep on the body of the machine. The pedal wrench is referred to as the wrench which consists of a round tip, usually with one or two U-
shaped recesses. These types of wrenches are usually used in the repairing work of the pedal. So, these are most commonly used in bicycle repair shops or a pedal boat. Monkey wrenches are quite similar to an adjustable spanner. The difference is that these wrenches are found having bigger jaw which is built with a handle itself. The other jaw is
found to be movable on which the threads are cut as that in the pipe wrenches. The jaw of such plain surfaces is similar to that of an open-end spanner. These wrench is referred to as the one which consists of flat-edged jaws and are at an angle which is
attached to a handle and is joined by a bolt. A bolt slide within two or more positions of an opening on the upper jaw, provides the wrenches are of this type of wrenches are to fit in various sizes of heads. The name of this type of wrenches are to fit in various sizes of heads. The name of this type of wrenches are to fit in various sizes of heads. The name of this type of wrenches are to fit in various sizes of heads. The name of this type of wrenches are to fit in various sizes of heads.
used whenever there is need for holding pipes or any round object. This is the reason these wrenches are used whenever there is a leather or canvas belt which is provided and is rolled around the job and tightened with the buckle. Other than this there is a handle with the help of which the pipe is revolved. Plumber
wrenches are quite similar in the design of the pliers wrench. The jaws of the plumber wrench are shaped like that of a hexagonal nut which are adaptable to fit various types of pipe fittings. These types of wrenches are particularly used in the plumbing work on pipes and fixtures. The tap wrench is referred to as a wrench which is similar to a key
that fits the square drive of the tap and is used to cut the female thread like the inner portion of the nut. These are the wrenches which can be T-shaped or can have a double-handle bar with an attachment socket in the middle. The spud wrenches which can be T-shaped or can have a double-handle bar with an attachment socket in the middle.
holes on the pipes. It has since been rendered obsolete by the plumbers wrench which is found having a serrated top jaw, whereas the rear is smooth. The alligator wrench was mostly identified due to the way it gripped the nuts. The handle of an
alligator wrench is quite similar to a pointed fang than a modern pipe wrench because most of these were primarily manufactured in order to handle square-shaped heads, whereas now it has become rare to see them in the real life. Basin wrench is a type of wrench which consists of a long T-shaped handle in a curve along with a serrated jaw. The
main purpose of these types of wrenches is to tighten or loosen the heads under the sink and toilet. These wrenches are consequently also termed as faucet wrench which consists of a C-shaped, serrated head and involves a square slot or a hole in order to attach the ratchet handle. These
type of wrenches are available in various designs and its maintenance. Dog bone wrenches which have two box-shaped ends with a different socket size. This wrench was named in such type due to its bone-shaped
 appearance, which was sometimes also termed as the dumb-bell wrench. These types of wrenches are only used in the case of bike maintenance, although their ability to fit in the small spaces sometimes makes them quite useful. There are some dog bone wrenches which are found having swivel heads that serve greater flexibility. A drum key is the
type of wrench which is also termed as square-holly socket wrench and consists of T-shape along with a flattened handle. According to the name, these are the types of wrenches which are mostly used to tune various percussion instruments like drum. It is important to know that a drum key with longer handles provides the user to apply more torque
as compared to the shorter handles. A bung wrench is referred to as a wrench which is similar to a socket-style wrench and is available in a variety of styles. These types of wrenches are quite similar to drum plug wrench and is available in a variety of styles. These are the types of wrenches which are specifically manufactured in order to eliminate the plastic or metal dung on a drum or
barrel. Flat clutch wrenches are referred to as those wrenches which consists of a U-shaped opening at one end. These types of wrenches are specially designed to remove fan clutches from the cars. At the other end of such whereas a second
wrench is used to turn the hex nut. Cone wrenches are referred to as the wrenches are used on the conical parts of a cup and cone hub. These types of wrenches are used on the other gentle projects where a typical
open-ended wrench is found to be quite thick. A hammer wrench is a short and thick wrench which is found having a block end and is used to strike along with a hammer in order to transmit a greater amount of force. These types of wrenches are also termed as striking wrenches and are used to tighten almost all the large flange fittings and
fasteners. A hammer wrench is also used to free the rusted nuts and bolts by applying higher amount of force. These types of wrenches are therefore termed as heavy-duty wrenches which are manufactured to fit into the star-shaped
head of any type of bolts and screws. These are also known as a star-headed key and can be bought in the same L-shape and the user can also buy these in a laid-back set which are found with a larger type of Allen wrench and are used to remove the clogs.
Therefore, here comes the need of a garbage disposal wrench which is used to execute such missions without any inconvenience. There are two types of flat wrenches with a squat, and U-shaped pivoted head. These are also
used to dislike the clogs in cutter variants which is exactly similar to the Allen variants. The spoke wrench is referred to as that wrench which is observed to be small in size. These are found having two different ends wherein one end
consists of a slot which fits around the spoke whereas the other end has a drive head that fits around the nipple nut. The spoke wrench can be rotated in a complete cycle even without removing it, with respect to its size and shape. The perfect place where these types of tools can be found is a bike repair shop. There are some changes which are quite
similar to a small open wrench whereas on the other hand there are some which look more like curved as well as flat metal. A tension wrench is referred to as the key element in the lock and is found to be available in a very broad range of designs. These types of wrenches can be either hard or soft and can also be used to apply tension whereas the
pick keeps on doing its job. The spanner wrench is referred to as that wrench which is a sort of special and specific class of equipment which is found having a curved end which permits them to be used on either a wide variety of objects
that vary from spanner head screws to the retainer rings. The spanner wrench is a hand-held tool which is widely used to provide grip and to either tighten or loosen the fasteners. In this article, you will learn what are types of wrenches and how to use them? With pictures. And also you can download the PDF file at the end of this post. For fastening
and loosening bolts and pipes, apart from the spanners different types of wrenches are used. Most of these wrenches are adjustable, with different opening ranges. Apart from that, screwdriversare also applied to tightening and loosening any given job orscrew. Furthermore, check out thetypes of hammers and types of spanners used in the workshop
In the workshops, usually, the following types of wrenches are used. Dont Miss: Different Types of Measuring Tools and Their Uses: According to the Standard Types of Wrenches Pipe wrenchCombination
wrenchAdjustable wrenchImpact WrenchCrowfoot WrenchCrowfoot WrenchCrowfoot WrenchCrowfoot WrenchCrowfoot WrenchHammer WrenchTorx KeyCone
joined with a groove In it. A knurled round nut is fitted in this groove. On revolving this nut, the movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between the fixed and movable jaw increases or reduces the size by moving up or down.
diameter, a chain wrench is used. When the job is held in the wrench it is revolved. A plate having cuts in its mouth is fitted, which is joined with a rivet. Chain drips the job very strongly. The socket wrench (or ratchet) uses a ratcheting mechanism to allow you to quickly tighten or loosen the nuts or bolts without removing the wrench from the
fastener. This type of wrench is available with 1/4, 3/8 (most common), 1/2, and 1 drives, you fit just the right size socket you will need at the top of the drive. If an obstacle is found while turning the handle, You can reverse the course just to give yourself room and then continue working. These types of wrenches are made to provide a certain amoun
of torque without overtaking or tightening. There can be different types available (involving manual, digital, and other variations). It is commonly used for automotive work for tightening the nut or bolt to a particular torque specification is
          determined by the manufacturer. The ratcheting wrench is similar to the combination wrench to tighten or loosen without removing and readjusting the position of the wrench handle hitting an obstacle after each turn.
This makes it very easy to work in tight areas. Related: What are the different types of screws & their uses? The oil filter wrench is actually of four different styles, which are used primarily in the automotive industry. The chain strap and metal strap style filters apply a loop to protect the filter casing. Finally, a socket-style filter wrench resembles a cup,
which consists of chopped parts. These fit under a filter cap and are used with a ratchet handle. The combination wrench consists of one side being a closed-loop for hexagonal or square nuts, while the other end is an open U-shape. It is often used for hard nuts, the closed-end loosens the nut so that the open end is used to guickly finish it. Like sockets,
a combination wrench is commonly sold in a kind of wrench size. They have an open end with a spiral screw that is fixed and opens or closes the crescent as you turn it. These are some of the most common wrenches available and the most widely used types. This is also known as a crescent wrench. For this purpose, it can perform the same basic
function as a whole set of combinations or an open-ended wrench, although it needs more area due to its thicker size. The air impact wrench uses an air wrench or air gun. It is used to resemble a cordless drill in appearance. This wrench uses
high torque to remove stubborn nuts or bolts. They are a great option for handling many nuts, although they are a poor choice for any job that requires accuracy. There is no handle for this open wrench. Rather, the single head is manufactured to attach to a ratchet handle and socket extension, permitting it to fit in tight positions. When you do not first
want to remove the surrounding parts, they do a lot of work to handle the bolts located deep in the body of the machine. Read Also: 23 Different Types of Metals and Their Properties [Explained]When you have heard that someone has mentioned these special wrenches, chances are you will never own them. They are used for very specific functions or
simply are not in common use outside of certain industries. Which are described below. The pedal wrench consists of a round tip, usually with one or two U-shaped recesses. These types of wrenches are used to repair the pedal wrench consists of a round tip, usually with one or two U-shaped recesses. These types of wrenches are used to repair the pedal wrenches are used to 
adjustable spanner. Its bigger jaw is built with a handle itself. The other jaw is movable on which threads are cut as in the pipe wrench. Its jaw is of plain surface like that of an open-end spanner. These can be adjusted with a round nut. It is also used as a screw wrench. A plier wrench consists of flat-edged jaws at an angle and each is attached to a
handle, which is joined by a bolt. The names may not sound familiar, you may have used them at some moment in your life. A bolt slides between two or more positions of an opening on the upper jaw, providing the wrench to be arranged to fit in different sizes of heads. The name evolves from the way this tool is gripped, which is similar to a pair of
pliers. When we hold pipes and round jobs with pipe wrenches it leaves some bruising scars on the jobs. Therefore strap wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused if such scars are made by the wrenches are used where damage is caused in the wrenches are used where the wrenches are u
revolved. The jaws of the plumber wrench are shaped like hexagonal nuts. It is similar to the design of the pliers wrench are adaptable to fit a type of pipe fittings. It is particularly used in plumbing for work on pipes and fixtures. Checkout: Different Types of Axes & Their Uses [How To Use Them] This tap wrench is like a key, which fits the
square drive of the tap, used to cut the female thread (such as the inside of the nut). These wrenches can be T-shaped or have a double-handle bar with an attachment socket in the middle. The spud wrench has fallen out of common use was this open-wrench spike at the opposing end used to line the holes on the pipes. It has since been rendered
obsolete by the plumbers wrench, even though it can still be found in the occasional toolbox. The top jaw of the alligator wrench is serrated, while the rear is smooth. The alligator wrench is serrated, while the rear is smooth. The alligator wrench is serrated, while the rear is smooth.
manufactured to handle square-shaped heads, it has become rare to see them outside of films. This type of wrench consists of a long T-shaped handle in a curved, serrated jaw. Its main purpose is to tighten or loosen the heads under the sink and toilet, consequently, it is also known as a faucet wrench. This armorers or single-piece wrench consists of a
C-shaped, serrated head and involves a square slot and or a hole to attach the ratchet handle. They are available in many designs and are usually of the specific type or size of the model of gun. These are used for gun repair and maintenance. Read Also: Types of Clamps: Their Working and Uses [How To Use Guide] Each side of the dog bone wrench
has two box-shaped ends that have a different socket size. This wrench is named after its bone-shaped appearance, which is sometimes makes them useful elsewhere. Some dog bone wrenches have swivel heads for greater
flexibility. A drum key or square-holly socket wrench consists of a T-shape with a flattened handle. As the name suggests, it is used to tune different percussion instruments, such as drum wrench is a socket-style wrench available in a variety of styles. It is
also known as a drum plug wrench. It was specifically manufactured to eliminate the plastic or metal dung (cap) on a drum or barrel. These flat clutch wrenches consist of a U-shaped opening at the other end, providing them to
double as a clutch hold tool, while a second wrench is used to turn the hex nut. A hammer wrench is a short, thick wrench is also known as a striking wrench. It is used to tighten large flange fittings and fasteners. A Hammer wrench is also used to release
stuck or rusted nuts and bolts through high force. This heavy-duty wrench is used in some metal, plumbing, or electrical jobs. Read Also: The Essential List of Welding Tools and Equipments [Explained] This Torx key wrench is manufactured to fit into the star-shaped head of some bolts and screws. It is also sometimes known as a star-headed key. They
can be bought in the same L-shape as the average Allen, you can also buy these in a laid-back set that resembles a Swiss Army knife than a wrench set. These wide and flat wrenches are used on the conical part of a cup and cone hub. It is used to accommodate the leveling feet of a bicycle or washing machine but is sometimes used on other gentle
projects where a typical open-ended wrench is too thick. Many models come with a larger type of flat wrench with a squat, U-shaped head is pivoted. This latter also used to dislike clogs in cutter variants, exactly
like the Allen variants. A tension wrench is the key element in the lock and can be available in a broad range of designs. They can be hard or soft and are used to apply tension, while the pick does its job. If you have ever seen someone lift a lock in a movie or video game and wonder why they only move one of the two tools, the stable is a tension
wrench.Read Also: What are Thread Taps? 10 Different Types of Thread TapsThe spoke wrench is small in size, they are designed to maintain spokes on the wire wheels. One end consists of a slot that fits around the spoke, while the other end has a drive head that fits around the spoke, while the other end has a drive head that fits around the spoke, while the other end has a drive head that fits around the spoke wrench is small in size, they are designed to maintain spokes on the wire wheels.
removing it due to its size and shape. The place to find this tool is a bike repair shop. Some changes resemble a small open wrench, while some look more like curved, flat metal. The spanner wrench is a special specific class of equipment that has a curved end that can resemble a hook or C-shape. These types of wrenches consist of pins that permit
them to be used on a wide variety of objects, ranging from spanner head screws to retainer rings. As you know now wrench is inserted, like the head of a screwdriver. The female wrench has a socket that fits over the object they will be turning. Both are applied to tighten or loosen nuts &
bolts, screws, and even caps and casings. Now, I hope Ive covered everything you were looking for about Types of Wrenches. If you like it, then share this with your friends. Lastly, subscribe to our newsletter to get notified when we upload new
posts. Download PDF of this article: Check out more articles on tools in our blog: Types of Wrenches & Their Uses [with Pictures] :- A wrench is also termed as a spanner tool which is used to provide grip as well as mechanical devices which are used for
turning the objects. There are various types of wrenches which are discussed in detail below. Scroll down to know more. The socket wrench is also termed ass a ratchet which uses a ratchet which is
available with some of the most common sizes like 1/4, 3/8, 1/2, and 1 drives amongst which you can fit the most appropriate size of socket depending upon the requirement of your site. In case there is any obstacle found during turning the handle, then you can immediately reverse the course in order to save the object from being damaged and to
continue working. Pipe wrench is referred to as that spanner which is used to fasten or dismantle any type of pipes and their fittings. The jaw of this type of mechanical devices is made up of forging tough steel. Its movable jaws are found having flat threads which are cut and on its fixed jaw, the plate is joined with a groove which is present inside it.
A knurled round nut is also installed in this type of groove. By revolving this nut, the movable jaw either increases or reduces the size by movement either upwards or downwards. Here, a spring is also fixed within the fixed and movable jaw in order to give a proper grip of the job. The pipe wrenches are usually found in the sizes 6, 9 and 18. The
ratcheting wrench is found to be quite similar to the combination wrench has at least one end inside which is a ratcheting device and allows the user to turn the wrench handle hits an obstacle after each turn. This feature helps in easy working in the
areas with less space. Chain wrenches are used in order to fasten or dismantle the pipes or round jobs which are mostly of the larger diameter. Whenever the job is held in the wrench it gets revolved easily. Making of a chain wrench includes of a plate which has cuts in its mouth and is then installed and joined with a rivet. The chain drips is used to
make the job very strongly. Torque wrenches are the types of wrenches are used for any automotive work for tightening the wheel lug nuts. A torque wrench can also be used on bicycles, farming equipment or any other site where there is a
requirement of tightening the nut or bolt to a particular torque specification which is usually determined by the manufacturer. The oil filter wrench is referred to as that which is actually of four different styles and is used primarily in the automotive industry. The chain strap along with the metal strap style filters apply a loop in order to protect the
filter casing. There are socket-style filter wrenches which resemble with a cup and consists of chopped parts. These wrenches fit under a filter cap which are used with a ratchet handle. The combination wrench is referred to as those which consists of a closed-loop at one end for hexagonal or square nuts and an open U-shape loop at the other end.
These types of wrenches are usually used for hard nuts in order to quickly finish the job. Sockets can be one example of a combination wrench which is fixed and opens or closes the crescent one the
user turns it. Adjustable wrenches are one of the most common types of wrenches are also termed as a crescent wrench as it can perform the same basic function as a whole set of combinations or open-ended wrench, but it needs more area as it is
found to have bigger size. In this article, you are going to learn all the different types of wrenches in detail. Here I have mentioned wrenches subgroups to give you a better idea of the types of wrenches in detail. The subgroups
have been categorized into three terms: Keys: These are specific types of wrenches often including hex keys, bottles opener, window cranks, Allen keys, etc. This has specified use for a particular work and it has hexagonal cross-sections to open different types of screws. Sockets: These wrenches have a diverse set of sockets of various size nuts and
bolts. You can easily connect these sockets with a handle. These sockets fit over the nut or bolts and loosen or tighten it. Spanner: These wrenches are used to turn nuts and bolts having teeth, pins, or hook on their head. British English commonly uses this term instead of a wrench. Now moving to our main topic which is wrenches Types. Lets dive
into our main topic, There are forty-two (42) different types of Wrench Combination Wrenc
Bionic Wrench Bung Wrench Cone Wrench Die Stock Holder Wrench Die Stock Holder Wrench Die Stock Wrench Die S
Stubby Wrench Tap Wrench Tension Wre
spanner wrench. They have an adjustable open head in the crescent shape with the screw installed that opens or closes the crest as you rotate the screw. An adjustable wrench can perform all the functions of the fixed wrench and, you don't need to carry a set of dozens of sizes as this single wrench can work for all different sizes. It requires more
space compared to fixed wrenches as it is thicker in size. You might have seen plumbers, mechanics, and carpenters using these wrenches. Allen wrench is generally T-Shaped or L-Shaped or L-Shaped hexagonal wrenches that fit into the head of screws and bolts that have a hexagonal wrenches as it is thicker in size. You might have seen plumbers, mechanics, and carpenters using these wrenches.
might get this kind of key when you order any type of furniture online. Box-ended wrench comes with closed loops at the end of the wrenches fits on the head of the nut or bolt for operating. It is either used in
hexagonal or square shape nuts and bolts, and because of their open design, they can be connected to the head wrenches are the most widely used among all wrenches, and bolts, and because of their open design, they can be connected to the head
of nuts or bolts vertically or horizontally. It is also known as an open-ended spanner in British English. The only negative side of these wrenches is that they can round the corners of the bolt than other alternatives available. As the name infers, Combination wrenches are the combination of open-ended and box-ended. Where one end is a u-shaped
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open-end and, another is a closed-loop for hexagonal nuts. It is also known as a combination spanner in British English. Used often in complex nuts where the closed-loop is used to loosen the nut and open end is used to unscrew it.

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crescent head without a handle. This is connected to ratchet and socket extension. This allows fixing this wrench in the most complex places with compact spaces. The Crowfoot wrench is widely used to handle bolts located in more difficult places in the machine frame without separating nearby parts. This is two types one is air impact wrenches
which use an air compressor to function and another is cordless impact wrenches which use batteries to function. An impact wrench is sometimes also called airguns or air wrenches. You might have seen these wrenches in an auto repair shop. It is best suited for removing stubborn nuts and bolts because these can unscrew bolts by applying a high
toque. These are best suited for repetitive works like mounting the wheel of the car not suited for nuts that need accuracy. Its not recommended to use it for general use because of its use and design. They are known as wheel braces
because they are used to tighten or loosen nuts on a car. This is also named as L-Shaped, which has four ends with four different sized sockets it is also known as spider wrench. Longer lug wrenches generate more torque when applying force to loosen or tighten the bolts. In
British English, it is often known as a tire spanner. Oil filter wrenches are generally used in the automotive industry to remove the cylindrical oil filter. It has four different types often depending on the brand of car. This can be either chain type or strap type that uses the loop to wrap throughout the filter casing, and another can be claw wrench works
similarly like the adjustable wrenches and also known as a chain wrench in British English. The pipe wrench is similar to the adjustable wrench with the structures on its head that easily grip the pipes and fittings. These teeth can also leave
a scratch on these pipes. The adjustable jaw can be fixed according to the diameter of the pipe or the fitting by rotating the nut on the wrench or taken the nut or the diameter of the pipe or the fitting by rotating the nut or the main difference is it has a ratcheting device inside one end that helps to loosen or tighten the nut or bolt without removing the wrench or
readjusting the position of the wrench. This helps to work in the compact area easier. It is known as a ratcheting mechanism to loosen or tighten any nut or bolt without lifting the wrench. It has multiple sockets according to the size of nuts and bolts. You can easily improve your speed
with the help of this wrench as it does not needs any adjusting of the wrench. And if while performing loosening or tightening function you find any hindrance you can reverse the direction so that you get some space and continue working. The torque wrench is specifically used to regulate and apply a precise amount of torque to nuts or bolts. It is the
primary tool in automobiles, mechanics, wheel replacing, mechanics wheel replacing and digital. These are most widely used by automobile
industries to tighten lug wheels nuts. As the name suggests, Allen wrenches come with a shape that looks the same as an alligators open mouth. It has teeth on the inner upper jaw of the head whereas, the bottom jaw is plain. Alligator wrench is used primarily to handle square head nuts and bolts. Earlier it was used widely used in agriculture, repair
automobile industries but now these have become obsolete as hexagonal shape nuts and bolts. Armorer wrench is a special type of wrench having a C-shaped opening at the open side and having teeth to grip the nuts or bolts easily. Armorer wrench is a special type of wrench having a C-shaped opening at the open side and having teeth to grip the nuts or bolts.
bolts or guns, rifles, or armorers as the name suggests. It has a square or round hole in the handle to attach the ratchet handle. Armorer wrenches come in various sizes and shapes according to the gun or the rifle. Basin Wrenches are the wrenches that are designed to perform a function in the difficult area under fixtures like sink, basin, or toilet. It
has a tooth on the jaw on the head these teeth help in achieving better grip. It has a transverse handle at the other end. This is also known as the faucet wrench because of its uses. The wrenches have the same design as the piler having a round head with the handle. These round head helps to grip the head of the nuts or bolts firmly. You can say it as
an adjustable box-ended wrench. Bung wrenches are specialty wrench specifically made for removing the cap. It helps to reduce the pressure of the drum while removing the cap. These are also called drum plug wrenches. It is available in multiple
types and even has a sparkless wrench which is specially made to open an inflammable drum cap or plug. Cone wrench is the wrench specifically used at the places where the open-end wrench is the wrench is the wrench specifically used at the places where the open-end wrench is the wrench is the wrench specifically used for bicycles and
for adjusting the leveling feet of the washing machine. Most cycle front hubs use 13mm whereas rear wrenches use 15mm wrenches. Die-Stock Holder wrench help to hold the dies in the middle with the help of a screw to tighten them.
These wrenches create a thread on the nuts and bolts. This is primarily used for threading operations. Dog-bone wrenches have a shape similar to the dog bone as the name suggests sometimes it is also called a dumb-bell wrench. This wrench comes with two box ends with multiple sizes of sockets. It is primarily used for bicycle maintenance and
repair, but its ability to set on multiple nuts and bolts makes it useful everywhere. In British English, it is also known as dog bone spanner. For more flexible operation some dog wrenches come with swivel heads. Drum key wrench is mainly used to tune the drum (music instrument) and other percussion instruments. This has a flat handle with a
square-shaped socket that fits into the head of nuts and bolts. Drum keys that have longer handles can apply more torque compared to keys with shorter handles. It has a T- shape. Fan clutch wrenches are specially meant to remove fan clutches on cars. These wrenches have a U-shaped head with the handle attached. These are available in different
sizes in the kit. Some of the wrenches also have a square opening at the other end. That helps to open the hex-shaped nuts and bolts. While another end works as a clutch holding tool. Fire Hydrant wrench is specially made for the use of fire hydrants. It is a specific use wrench that cannot be used for other purposes. It comes with a pentagonal or
five-side head and a long handle attached to it that provides the required amount of torque. The handle is the adjustable handle helping to perform the required action easily. Without this wrench, it is difficult to open the handle is the adjustable handle helping to perform the required amount of torque. The handle is the adjustable handle helping to perform the required action easily. Without this wrench, it is difficult to open the handle helping to perform the required amount of torque.
specially used in plumbing for gripping the nuts at the end of the tubes. It is also similar to open-ended wrenches but the only difference is these have much wider openings compared to open-ended wrenches. A Flare nut wrench is made to fit across the tubes but can also grip the nuts or bolts. The opening head consists of the tooth for better
gripping of the nuts and bolts. This provides better contact with the nuts and bolts in plumbing that are generally softer and can get damaged if worked with an open-ended wrench. Garbage disposal wrenches are used to carefully remove the trash and debris that clog the shredder plate. It swivels head positions itself above the shedder plate into the
disposal garbage for quick elimination of the disposal. it comes with an extended arm to keep your hands away from the garbage disposal wrenches are also known as striking wrenches. It has a box end or the open end at one end and
another end of the handle has a block end. The block at the end is used for hitting with the hammer to give an increased amount of force. It is usually thick and short in size. This is generally used to tighten large size nuts and bolts by screwing them with a hand and then providing the required torque to tighten the nut by striking the wrench with a
hammer. Similarly, it is used to loosen the stubborn, struck, or rusted nuts and bolts by applying the required amount of force by striking it with a hammer. Hammer wrenches are used in multiple industries and mechanical works, they are also used in plumbing and electrical works. In British English, it is also called slogging spanner or flogging
spanner. A Monkey-wrench is the more classical form of adjustable wrenches and like alligator wrenches but it has a rounded handle and does not have any teeth on the jaws. An adjustable wrenches used only for bicycle or
boat pedals they dont have any other use. It usually has two or one U-shaped opening on the head and a handle. Pilers wrenches are best suited for plumbing fitting and other materials that require a strong grip without teeth because teeth can cause damage to the pipes if we use wrenches with teeth it might leave its mark on the pipes. It has a
smooth jaw with the handle attached the set of jaws is connected with a bolt that can slide to adjust the opening of the jaws according to the size of nuts, bolts, or fittings. the name is derived from the way this tool is used it is similar to the piler. Plumber wrenches are similar to pliers wrenches the only difference is the jaw is designed to give a strong
grip to hexagonal nuts, bolts, and fittings. It is suitable for loosening or tightening the nuts or bolts that have holes on the head as these have one or several pins/hooks that fit into the head of nuts/bolts. It has a C-shaped head
with one or more pins or hooks. The Spark Plug wrench is specifically used for tightening and loosing the spark plugs. It is a T-shaped wrench with sockets on both ends. You can find these wrench is used for maintaining the spokes of the bicycle
You may find them in every bicycle repair shop. These are very tiny in size and have slots on one end that easily fits around the nipple nut because of its drive head. This wrench can be rotated completely without removing it due to its compact size. A Spud wrench is an open-ended
adjustable or standard wrench with the spike on its opposite end used to align holes of the plumber wrench but sometimes it can be found in particular toolboxes. A strap wrench consists of a strap, leather, or a chain attached to the handle that tightens on its own. Used to grip smooth and
cylindrical objects that are hard to grip with a standard wrench like an oil filter. This is entirely dependent on friction between an object manipulated and a strap or chain and this is similar to the pipe wrench has a chain or the strap. It is mainly used for oily
& greasy objects. Larger chain wrenches are also known as bull tongs are used for wider pipes that are used in borewells and deep wells. Stubby wrench is the shorter version of the combination wrenches which has one end open and another end has a loop allowing it to fit in compact places. Some newer models have a hinge in the handle that allows
either end to be bent for better use. Tap wrenches are used for turning square drive-in taps. It is either T-shaped or has a double handle and a socket in the middle of the handle. This wrench is a specific wrench that can only be used for turning square drive-in taps. It is either T-shaped or has a double handle and a socket in the middle of the handle.
are doing lock picking means opening a lock without the key by manipulating the components of the lock. You might have also seen in pictures or web series people opening the lock without keys. These wrenches are similar to hex keys. The
only difference is these fit in the star-shaped nuts whereas hex keys fit in hexagonal-shaped heads. These can be also seen in the swiss army knife and wrench kit. The dental key is specially used by dentists to pull the teeth. This is used to loosen or tighten the chunk. In other words, it can be defined as A chunk is a type of fastener used to hold
circular objects. Wrenches are an important mechanical tool and are used in multiple industries like automobile, aviation, production, repair & maintenance industry. Without the wrenches, its nearly impossible to imagine the way we would be loosening or tightening the nuts and bolts. We have seen multiple classifications and types of wrenches like
a standard wrench, combination wrench, torque wrench, etc. These all wrenches are used in multiple types of works and industries. There are also multiple types of keys like torque key, the dental key used to open nuts, and bolts of difficult places. Hope So this article has helped you to understand different types of wrenches in the deeper sense.
Comment down all the queries related to the topic. Download Loading... Enjoy sharper detail, more accurate color, lifelike lighting, believable backgrounds, and more with our new model update. Your generated images will be more polished than ever. See What's NewExplore how consumers want to see climate stories told today, and what that means
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detail, more accurate color, lifelike lighting, believable backgrounds, and more with our new model update. Your generated images will be more polished thanever. See What's NewExplore how consumers want to see climate stories told today, and what that means for yourvisuals. Download Our Latest VisualGPS ReportData-backed trends. Generative
AI demos. Answers to your usage rights questions. Our original video podcast covers it allnow ondemand. Watch Now Hey there! Lets talk about one of those unsung heroes in your toolbox: wrenches in your furniture just wont budge?
Whether youre a DIY newbie or a weekend warrior, wrenches are the quiet workhorses that handle the dirty workgripping, tightening, loosening, and turning anything from nuts and bolts to pipes and fittings. But heres the thing: walk into any hardware store, and youll find wrenches inallshapes and sizes. Adjustable, socket, combination, pipe the list
goes on. Sure, they all share the same basic job description, but each one has its own little superpower. Maybe youve stood in the aisle before, scratching your head, thinking, Wait which one do I actually need?Dont sweat itweve all been there. Thats exactly why Im breaking down the world of wrenches for you today. No jargon, no overwhelm. Just a
friendly guide to help you figure out which wrench deserves a spot in your toolkit (and when to use it). So, lets dive inyour next DIY project is about to get a whole lot smoother. 21 Different Types Of Wrenches (With Pictures) Basic Wrenches to get a whole lot smoother. 21 Different Types Of Wrenches (With Pictures) Basic Wrenches (With P
those basic wrenches in your toolbox. They help you to get your project done efficiently.Lets talk about some basic wrenches:1. Standard-Sized Fixed Wrenches are an excellent option for you for their standard size. The best part is, their mouth is designed with a specified width. And the widths are expressed as fractions of an inch. The
open-ended wrench can slip around the nut efficiently. On the other hand, the close-ended have a much better grip for tightening and loosening anything. 2. Metric-Sized Wrenches are similar to standard-sized wrenches, but some twist makes them different from the standard-sized wrenches are similar to standard-sized wrenches.
metric increments. Since the metric-sized fixed wrench works best with a snug fit, you need to have a better idea of the size you are doing.3. Adjustable Wrenches are probably the most popular household wrench. They help you fit the wrench head over any nuts without having a specific idea
of the size. Above all, different types of adjustable wrenches work very efficiently with any household work.4. Socket WrenchesIn the case of any socket wrench, it features a single ratchet bar and bolts quickly. Since they require a handle, most of them may have the in-
built joint. The handle is allowed to be removed and re-inserted. They are designed precisely as the fixed wrenches. S. Allen Wrenches are an essential part of any tool kit in our home. They referred to a hex key wrench. Moreover, they come with little more than a small and either L-shaped or T-shaped. The wrench is a useful hand
tool that allows them to produce an incredible amount of torque. Most of the DIY kits come with an Allen wrench. They come with U shaped open-ended at both its ends. If you find any difficulties, then the twists are beneficial to
tighten or loosens nuts and bolts. The Jointed or flex-head models of an open-end wrenches are very similar to open-ended wrenches, but the function is entirely different. You can find them with at least one end that has a ratcheting device inside. They help eliminate a
lot of extra works. You can loosen or tighten the nut with a ratcheting wrench by only moving the ratcheting handle back and forth. Powered Hand ToolsYou already realized that wrenching needs a lot of power. You can find the power of a wrench is with the motor. There are varieties of powered hand tools wrenches in the market. Please take a look
at them.8. Cordless DriverThe cordless driver is a pretty useful tool to have in your wrench work with the cordless driver and maybe a socket set. Its important to remember that they have their limitations. If you are working in a tight space, there is a high chance of getting into the tool body.9. Corded WrenchesYou
would be pleased to know that you dont have to worry about the battery running down of a corded wrench. The great advantage of the tool is that it has the most tool power in it. But sadly, they are restricted by the length of the cord. Well, the tool can be the right choice as long as you have an outlet near you. 10. Pneumatic Wrenches Pneumatic
wrenches are used for general purpose work. The wrench is the most powerful tool among all. But to using the pneumatic wrench, you need to have an air compressor with you. If you have that in your hand, they might not be the wrong choice for you.11. Impact Wrenches The impact wrenches sometimes called air impact wrenches or air guns. The
impact wrenches can put out more twist than you might think. The wrench adds power by striking against the side of the blade while turning. The best part is the tool can work in heavy work areas. 12. Cordless RatchetIf you want to avoid the spring for an air-impact wrench, then cordless ratchets can be the most vital thing for you. The cordless
ratchet is something special with its slim body. Moreover, the specialized tool provides extra strengthmost notably, adding extra jolts of turning power. Manual Wrenches are used manually for any work. Many manual wrenches are found in sets
But they come individually with the most specialized ones. Lets take a look at some of the manual wrenches have a closed-loop at both ends o that you can slip them around fittings. A box wrench helps you to apply pressure with all of its flat edges for an open nut. They are found in different sizes and designs. Box-
ended wrenches are found in sets.14. Combination Wrenches for you as they have the same size as the head so you can flip the wrench around while you work. Most probably, this design may allow you versatility in a straightforward tool. You can find the tool
with a wide range of sizes.15. Striking Hammer WrenchThe striking hammer wrench comes with the action of an impact wrench side. If you want to loosen the frozen nuts in a tiny space, then striking a hammer wrench is excellent for you.16. Strap WrenchesIf you find a tool
that can wrap, and tighten around objects quickly, then strap wrenches are the best tool. By using a strap wrench is an oil filter. Heavy-Duty Wrenches Heavy-duty wrenches come with massive and bulky sizes. It would help if you needed to do
hard work for using them. Take a look.17. Monkey WrenchesIf you need to do any large project, then the big tool monkey wrench is smooth jaws and rounded handle. The handle is also excellent in moving frozen nuts.18. Pipe WrenchesThey are also used to do some
large projects with its sturdier, F-shaped design. But its quite different for the curved mouth with teeth. The plumber uses the tools on metal pipes and or to do any fittings. Specialty Wrenches in the market.
Lets take a look19. Torque WrenchesThe torque wrench comes up with the ability to tighten a nut or bolt to a specific pressure. A torque wrench is commonly used for tightening wheel lug wrench comes with four sockets of different
sizes as X shaped design. The design enables easier turning. If you want to tighten or loosen lug nuts on cars, you should use the lug wrench. You dont have to apply more strength to use them.21. Bicycle WrenchesThe best tool for your bicycle maintenance can be the bicycle wrenches. If you want to work with your bicycle by yourself, then the
wrench is the must-have tool that can do many things for your most effortless bicycle maintenance. Conclusion Well, most of the wrench es a little challenging for you. But you came just the right place to know
about many types of wrenches. Hopefully, now you have known about all types of wrenches. And you can finally choose the right tool for your project done efficiently. Read MoreTypes Of SandersTypes Of Nail Guns 8 Plants You Should Never Cut Back in Summer What to Watch Now Share copy and redistribute the material in any medium or format
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publicity, privacy, or moral rights may limit how you use the material. It pays to use the right tool for the job. This is especially true when it comes to wrenches, of which there are numerous types. By grasping the fundamental purpose of each variant, youll be equipped to select the ideal wrench for any given job. Ill explain the most commonly used
 wrenches in this guide, detailing their functions and potential applications.1. Open End WrenchThe open-end wrench is one of the most common types of wrench has a U-shaped grip on one end that connects to two sides of a fastener
such as a bolt or nut. The wrench is then turned to either tighten or loosen the fastener. UsesOpen-ended wrenches are mostly used to loosen or tighten bolts or nuts on many different types of items, ranging from small toys to large machinery. The open end allows for easy access, and the slightly bent head creates more opportunities to apply torque
to the fastener. The downside of open-ended wrenches is that they only touch two sides out of six on a hexagonal bolt or nut. This means that they are more likely to slip compared to other types of wrenches, such as the box-end WrenchThe box-end wrenches is that they are more likely to slip compared to other types of wrenches, such as the box-end wrenches, such as the box-end wrenches is that they are more likely to slip compared to other types of wrenches, such as the box-end wrenches, such as the box-end wrenches is that they are more likely to slip compared to other types of wrenches, such as the box-end wrenches, such as the box-end wrenches, such as the box-end wrenches is that they are more likely to slip compared to other types of wrenches, such as the box-end wrenches is that they are more likely to slip compared to other types of wrenches, such as the box-end wrenches is that they are more likely to slip compared to other types of wrenches, such as the box-end wrenches is that they are more likely to slip compared to other types of wrenches, such as the box-end wrenches is that they are more likely to slip compared to other types of wrenches is that they are more likely to slip compared to other types of wrenches is the box-end wrenches in the box-end wrenches is the box-end wrenches in the box-e
the head of the bolt or nut. By surrounding it on all sides, the main advantage is that the box-end wrench offers a better, tighter grip on the nut or bolt. Because of the grip, the chances of slippage are greatly diminished. This means that stripping the head of the bolt or the nut itself is greatly reduced. This not only reduces potential damage it also
means that nuts or bolts that are more securely fastened are easier to loosen. The downside is that a box-end wrench does not work in tight places where there is no room for the handle. This limitation is similar to the one faced by open-end and crescent
and an economical solution compared to purchasing both types of wrench. The only downside, which is a small one, is that if one end is damaged, you may have to replace the entire wrench rather than using the other side if both sides are the same size.
But that is a minor issue at best.4. Adjustable Wrench (Crescent Wrench) The adjustable wrench is arguably the most common type of wrench available. The wrench is noted for its adjustable jaw so that it can fit a range of sizes. This means that for many jobs that require the tightening or loosening of nuts or bolts, you only need to carry the adjustable
wrench with you. Sometimes called a crescent wrench, the upside of having this in your toolbox or on your belt is that you only need this wrench for many types of common sizes of nuts or bolts. The downside is that the adjustable wrench does not fit quite as tightly or
securely as an open-end or box-end wrench. That means for nuts or bolts that are very tight, the adjustable wrench may slip off. Worse, the slipping may damage the nut or bolt and make it very difficult to remove it with a standard wrench. Socket WrenchWhile open-end, box-end, combination, and adjustable wrenches are well-suited for most
loosening and tightening tasks, their handles preclude the ability to reach nuts or bolts located in tight spaces. This is where a socket wrench at a 90-degree angle. The socket is then fitted over the nut or bolt and turned to either tighten or loosen the
fastener. This type of wrench consists of a socket attached to a ratcheting handle, and with its ratcheting mechanism, you can tighten or loosen the fastener without having to reposition the wrench constantly. Uses Socket wrenches are most used in all situations when a hexagonal nut or boltanism, you can tighten or loosen the fastener without having to reposition the wrench constantly.
needs to be tightened or loosened. The only downside is organizing and finding the right socket size, which is a little more difficult compared to organizing open or box-ended wrenches. Plus, it is not as convenient as an adjustable wrench.
wrench. A spanner wrench is distinct in its design. Instead of the typical open or closed-end grip, it features pins or hooks at one or both ends of its handle. These pins or hooks are designed to engage with specific holes or slots present in certain fasteners. This unique mechanism allows the user to apply torque for tightening or loosening without the
risk of slippage that might occur with more conventional wrenches. The protruding pins or hooks help differentiate the spanner wrench from other wrench from other wrench types. Apart from its primary use in tightening or loosening, its enhanced grip can also be beneficial when holding items in place, especially if they need to be rotated or turned by other tools.
Torque WrenchA torque wrench is designed to measure and then apply a specific amount of force or torque to a fastener such as a nut or bolt. Unlike standard wrenches that transfer all the force you apply to the fastener, the torque wrench can measure or limit the torque wrench is designed to measure and then apply a specific amount of force is applied. Common UsesTorque
wrenches are mostly used for assembling automobiles, machinery in factories and assembly plants, and the like. The torque wrench is important in such industries to apply the right amount of force. Too much may strip the fastener, while insufficient torque can cause the nut or bolt to be loose. You can find the complete list of torque wrench uses
here. The downside is that torque wrenches are only designed to tighten fasteners, not loosen them. You can damage the torque wrench if you try to loosen a frozen bolt or nut. Instead, you must use a breaker bar or impact wrench if you try to loosen a frozen bolt or nut. Instead, you must use a breaker bar or impact wrench if you try to loosen them. You can damage the torque wrenches should be recalibrated periodically to ensure accuracy. 8. Flare
Nut WrenchA flare nut wrench has a jaw that partially encircles a nut, offering more contact points than a standard open-end wrench has a narrow opening in its
and repairs. Youll see the flare nut wrench used for brake lines and gas fittings, which have tubes that are connected to a nut or bolt that must be tightened or removed. While its highly effective for its intended purpose, its not the best for standard nuts and bolts due to its specialized design. For standard hexagonal fasteners a box wrench or rings
spanner works better in most cases.9. Pipe WrenchAlthough not as commonly used as adjustable wrench itself is not normally used in tightening or loosening nuts and bolts. Instead, as the name implies, it is mostly used on pipes and large plumbing
 fittings. The pipe wrench consists of two separate parts connected by an adjustable screw. The serrated jaws are designed to grip around the pipe tightly so that it can be tightened or removed more easily. The pipe wrench itself comes in different sizes, although its adjustable nature means that it can fit a wide range of pipes. The advantages and
disadvantages of the pipe wrench can be found in the serrated jaw used to grip the pipe. While they provide sufficient traction to engage the pipe, they can also leave behind small indentations. The crowfoot wrench, or extension to work. This is a tool that cannot be used on its own. Instead, it must be connected to a ratchet handle, torque wrench, or extension to work.
essentially the head of an open-end wrench which has a hole at the base to allow it to be connected and operated. The crowfoot wrench is designed to be used in closed-in spaces that do not allow for a traditional open-end, box-end, combination, or adjustable wrench to be used. The wrench profile is perpendicular to the head, meaning the handle is
attached at a 90-degree angle. This allows for the head or crowfoot to be placed in a tight space. Which also explains the name of the wrench as when it is attached, it looks in some ways like a crowfoot to be placed in a tight spaces, the wrench is far less efficient to use in
open spaces that allow for other types of wrenches to be employed.11. Strap Wrench UsesThe most common use
of the strap wrench is to tighten and remove oil filters from engines. The strap wrench allows for proper torque to be applied without damaging the filter itself. Plus, the strap wrench is designed for items that are mostly, if not entirely, round. A
traditional nut or bolt would be quite difficult to tighten or loosen due to the corners, which will not allow the strap wrench to meet the surface area fully.12. Chain WrenchThe chain is secured by a handle that is directly connected to the chain used to surround and grip onto larger items. The chain is secured by a handle that is directly connected to the chain used to surround and grip onto larger items.
Once in place, the chain wrench can tighten or loosen items in a similar manner as a strap wrench. The chain wrench is most used in plumbing on pipes that are generally too large for a pipe wrench to be effective. Youll also find it used in the oil and gas industry along with other fields that use large pipes. The advantages of the chain wrench are
considerable as they can grip round, square, or different-shaped objects without crushing them. Like the strap wrench, they are adjustable and can be used on many different sizes. The downside is that a chain wrench will leave its mark. This means that if aesthetics is important, something may need to be wrapped around the pipe first before the
chain wrench is applied.13. Allen Wrench (Hex Key) The Allen wrench (also known as the Allen wrench is designed to drive screws that have a hexagonal cross-section. The wrench is designed to drive screws that have a hexagonal cross-section. The wrench is designed to drive screws that have a hexagonal cross-section. The wrench is designed to drive screws that have a hexagonal cross-section.
furniture, and with some mechanical along with electronic devices. The hexagonal socket has more corners and surface area for the wrench to attach, making tightening and loosening easier and with less chances of stripping. The downside is that there are several different sizes of hexagonal sockets, so you will need to carry several different sizes of
Allen wrenches. Fortunately, you can purchase a set of Allen wrenches which can be carried together easily. A variation of the hex key is the torx wrenches here. There you have it: the most commonly used wrench types. The above list is not exhaustive; several
variations and special wrenches exist. Regardless of the type, its imperative to choose the correct size and design for the job at hand, ensuring efficiency and the protection of fasteners from potential damage. Choosing the right wrench for a project involves more than just the right sizes. Use the right wrench to simplify your project. Wrenches
perform the same function as ratchets and sockets, tightening and loosening fasteners, but there are differences and situations where one over the other is required. For example, a box wrench is a good option for loosening stuck fasteners because you can apply more torque without damaging a ratcheting mechanism. A wrench with an open-end fit
around a fastener instead of over it, so you can slip it into an area where there isnt room for a socket. Always make sure the tool you use is suited for the work youre doing. Here are 33 Different types of wrenches base on styles and functions: Adjustable Wrench Combination Wrench Open-End Wrench Ratchet Wrench Short-Body or Stubby Wrench
Crowfoot Wrench Basin Wrench Pipe Wrench Pipe Wrench Pipe Wrench Plumbers Wren
Drum Key Bung Wrench Fan Clutch Wrench Hammer Wrench Cone Wrench Cone Wrench Cone Wrench Spoke Wrench An adjustable wrench is an open-end wrench is an open-end wrench with a movable jaw, allowing it to be used with different sizes of fastener head (nut, bolt, etc.) rather than just one fastener size, as with a conventional fixed spanner. More
commonly referred to as a crescent wrench, these are one of the most popular wrenches available. They have an open end with a spiral screw embedded that opens or closes the crescent as you turn it. For this reason, it can perform the same basic function as an entire set of combination or open-ended wrenches, although it requires more space due
to its thicker size. Tightens/loosens nuts and bolts Moveable lower jaw to adjust wrench size Works with both standard and metric fasteners If box-ended wrenches and open-ended wrenches and open-ended wrenches had children, the combination wrench would be the result. One side is a closed-loop for hexagonal or square nuts, while the other end is an open U-shape. Used
most often for difficult nuts, the closed-end loosens the nut so that the open end can be used to quickly unscrew it. Like sockets, combination wrenches are usually sold in sets containing a variety of wrench sizes. Tightens/loosens nuts and bolts Metric and standard sizes One open end and one box end (usually the same size) One of the most common
types of wrenches found in toolboxes, the open-ended wrench has two U-shaped ends, with one being slightly bigger than the other. They are used for hard-to-reach nuts and bolts, and the open design makes it possible to attach them either vertically or horizontally onto the target fitting. The downside is that they are more likely to round the edges of
a nut than box-ended wrenches. Tightens/loosens nuts and bolts Metric and standard sizes Two open ends (usually different sizes) Jointed or flex-head models let you work at different angles Similar to open-ended wrenches, ratcheting device inside
of it. This allows you to turn the wrench to tighten or untighten without having to remove and readjust the position if the wrench handle hits an obstacle after each turn. It makes working in tight areas a lot easier. Tightens/loosens nuts and bolts Metric and standard sizes Ratchet action on one end moves freely in one direction and engages the
fastener in the other direction to tighten or loosen nuts and bolts without removing the tool Some have pivoting ratchet ends for use in tight spaces. Some newer versions also have a hinge along the handles without removing the tool Some have pivoting ratchet ends for use in tight spaces. Some newer versions also have a hinge along the handles without removing the tool Some have pivoting ratchet ends for use in tight spaces.
to allow either end to be angled for even more precise use. Tightens/loosens nuts and bolts in tight spaces Metric and standard sizes There is no handle for this open-wrench. Rather, the single head is manufactured to attach to a ratchet handle and socket extension, permitting it to fit in really tight positions. When you do not first want to remove the
surrounding parts, they do a lot of work to handle Operates with a ratchet handle/socket extension combination Designed to work in tight spaces Tightens/loosens nuts and hose couplings under sinks and lavatories. This peculiar wrench
has a long, T-shaped handle ending in a curved, serrated jaw. Its primary function is to loosen or tighten the fixtures under sinks and toilets, resulting in it also being known as a faucet wrench. As per its name, this spanner is used to fasten or dismantle pipes and their units. Its jaw is made of forging tough steel. On its movable jaw flat threads are cut
and on its fixed jaw, a plate is joined with a groove In it. A knurled round nut is fitted in this groove. On revolving this nut, the movable jaw increases or reduces the size by moving up or down. A spring is fixed between fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed between fixed and movable jaw increases or reduces the size by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving up or down. A spring is fixed by moving 
fittings Moveable upper jaw to adjust wrench size Perhaps the most famous key wrench, an Allen wrench is a hexagonal bar bent into holes on screws and similar fasteners. For this reason, Allen wrenches often find themselves mixed in with the screwdrivers
when stored. What makes hex screws so darn useful is the fact that children cant just grab a penny and unscrew the furniture when youre not looking. Another advantage is the L-shape. You can insert the long end, wrap a finger around the shorter end, and use it for a handle when working with deeper screws. Conversely, you can insert the short end
into the slot and turn the long end, giving you superior torque for those extra-tight screws. Allen wrenches come in either SAE or metric sizes, so theres less guesswork on which size will function when youre working with an SAE fastener and Imperial key (or vice-versa). Tightens/loosens hex-head screws and bolts Standard and metric sizes Available
as separate wrenches or in sets where the wrenches fold up into a handle Available with T-handles for improved leverage Sometimes referred to as a star-headed key, this cousin of the hex key wrench is designed to fit into the star-shaped heads of certain bolts and screws. While they can be purchased in the same L-shape as the average Allen, you
can also purchase these in a housed set that more closely resembles a Swiss army knife than a wrench set. Tightens/loosens six-point, star-head screws and bolts Standard and metric sizes Available as separate wrenches or in sets where the wrenches fold up into a handle Tightens loosens and turns a variety of different-sized items that dont have flat
faces (container lids and plumbing fittings) for a standard wrench to grip Most commonly seen in use for oil filter changing, these have a rubber, fabric, or metal band or chain that loops through a handle. This self-tightening tool works best on round objects that are too greasy or oily for a normal wrench to grip. In order to fasten or dismantle pipes
or round jobs of larger diameter, a chain wrench is used. When the job is held in the wrench (or ratchet) uses a ratcheting mechanism to allow you to quickly tighten or loosen the nuts or bolts without removing the
wrench from the fastener. This type of wrench is available with 1/4, 3/8 (most common), 1/2, and 1 drives, you fit just the right size socket you will need at the top of the drive. This socket wrench is designed to deliver a specific amount of torque without overtightening. This amount can be calibrated, and different types are available (including
manual, digital, and other variations). Its most commonly used for automotive work such as tightening wheel lug nuts. Torque sticks may be quicker but not as accurate. A torque wrench can also be used on bicycles, farming equipment, or any instance where tightening a nut or bolt to a specific torque specification is usually set by the manufacturer
Another tool used mainly in the automotive industry, oil filter wrenches actually have four different styles and often have to be matched to the brand of car. Chain strap and metal strap styles use a loop to wrap around the filter casing, while the more recognizable claw wrench functions similarly to an adjustable wrench. Finally, socket-style filter
wrenches resemble a cup with parts of the sides cut away. These fit onto the bottom of a filter cap and are used with a ratchet handle. More closely resembling a cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance, air impact wrenches use an air compressor while cordless drill in appearance with a restrict an air compressor while cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in appearance with a restrict and air cordless drill in a restrict and a
Part of the socket family, this wrench can apply high torque to remove stubborn nuts or bolts. They are a great choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a great choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for handling multiple nuts (such as when mounting wheels on a car), although the car and the car are a car are
implies, the wrench is used for repairs involving pedals. Thus, is it used most often in bicycle repair shops or for fairground rides such as pedal boats? This is the type of wrench similar to an alligator wrench, but with smooth
jaws and a rounded handle. Its association with sabotage heralds from its former role as a standard tool in most industrial branches. While the name might not seem familiar, you have likely used these at some point in your life. The flat-edged jaws are at an angle and each is attached to a handle, which is connected by a bolt. The bolt can slide
 between two or more positions of an opening on the upper jaw, allowing the wrench to be adjusted to fit different sizes of head. The name comes from the way this tool is gripped, which is the same as a pair of pliers. Similar in design to pliers wrenches, the jaws are shaped to fit hexagonal nuts. The jaws are adjustable to fit a variety of pipe fittings. It
is used exclusively in plumbing for work on pipes and fixtures. This key fits the square drive of taps, which are used in cutting female threads (such as those inside a nut). The shape of these wrenches may be either T-shaped or a double-handled bar with the attachment socket in the middle. Another tool that has fallen out of common use, this open-
ended wrench had a spike on the opposing end which was used to line up the holes on pipes. It has since been made obsolete by the plumbers wrench is serrated, while the rear is smooth. The alligator wrench was identified due to the way it gripped nuts. The top jaw of the alligator wrench is serrated, while the rear is smooth. The top jaw of the alligator wrench is serrated, while the rear is smooth. The top jaw of the alligator wrench was identified due to the way it gripped nuts.
handle of this wrench looks like a pointed fang than a modern pipe wrench. As these were primarily manufactured to handle in a curved, serrated jaw. Its main purpose is to tighten or loosen the heads under the sink and
toilet, consequently, it is also known as a faucet wrench. This armorers or single-piece wrench consists of a C-shaped, serrated head and involves a square slot and or a hole to attach the ratchet handle. They are available in many designs and are usually of the specific type or size of the model of gun. These are used for gun repair and maintenance
Each side of the dog bone wrench has two box-shaped ends that have a different socket size. This wrench is named after its bone-shaped appearance, which is sometimes called the dumb-bell wrench. These are only used for bike maintenance, even though their ability to fit in small spaces sometimes makes them useful elsewhere. Some dog bone
wrenches have swivel heads for greater flexibility. A drum key or square-holly socket wrench consists of a T-shape with a flattened handle. As the name suggests, it is used to tune different percussion instruments, such as drums. A drum key with longer handles provides you to apply more torque than shorter handles. A drum wrench is a socket-style
wrench available in a variety of styles. It is also known as a drum plug wrench. It was specifically manufactured to eliminate the plastic or metal dung (cap) on a drum or barrel. These flat clutch wrenches consist of a U-shaped opening at one end. They are specially designed to remove fan clutches on cars. Any this type of wrench has a square
opening at the other end, providing them to double as a clutch hold tool, while a second wrench is used to turn the hex nut. A hammer wrench is a short, thick wrench is a short, thick wrench is used to tighten large flange fittings and
fasteners. A Hammer wrench is also used to release stuck or rusted nuts and bolts through high force. This heavy-duty wrench is used in some metal, plumbing, or electrical jobs. Imagine an open-ended wrench after an elephant step on it and youll have a cone wrench. These wide, flat wrenches are used on the cone portion of a cup and cone hub. Its
mostly used for bicycles or adjusting the leveling feet of washing machines, but is sometimes employed on other gentle projects where a normal open-ended wrench is too thick. Another one of those wrenches youve seen but never heard of, a tension wrench is too thick. Another one of those wrenches youve seen but never heard of, a tension wrench is too thick. Another one of those wrenches youve seen but never heard of, a tension wrench is too thick.
rigid or flexible and are used to apply tension while the pick does its job. If you've ever seen someone picking a lock in a movie or video game and wondered why they only moved one of the two tools, the stationary one is the tension wrench. These tiny wrenches are designed for maintaining the spokes on wire wheels. One end has a slot that fits
around the spoke, while the other end has a drive head that fits around the nipple nut. Due to the size and shape, this wrench can be rotated in a full circle without having to remove it. The most common place to find this tool is a bike repair shop. Some variations more closely resemble a tiny open-ended wrench, while others look more like a piece of
curved, flat metal. In this article, you will learn what are types of wrenches and how to use them? With pictures. And also you can download the PDF file at the end of this post. For fastening and loosening bolts and pipes, apart from the spanners different types of wrenches are used. Most of these wrenches are adjustable, with different opening
ranges. Apart from that, screwdrivers are also applied to tightening and loosening any given job orscrew. Furthermore, check out thetypes of hammers and types of hammers and typ
of wrenches and their uses: According to the Standard Types of WrenchCombination wrenchCombination wrenchCombination wrenchPlumbers wrenchPlumbers of WrenchesPedal WrenchCombination wrenchPlumbers wrenchPlumbers.
WrenchTap WrenchSpud WrenchAlligator WrenchBasin WrenchBasin WrenchArmorers WrenchDog Bone WrenchDog Bone WrenchDrum KeyBung WrenchFan Clutch WrenchFan Clutch WrenchSpoke Wre
this spanner is used to fasten or dismantle pipes and their units. Its jaw is made of forging tough steel. On its movable jaw flat threads are cut and on its fixed jaw, a plate is joined with a groove. On revolving this nut, the movable jaw increases or reduces the size by moving up or down. A spring is fixed
strongly. The socket wrench (or ratchet) uses a ratcheting mechanism to allow you to quickly tighten or loosen the nuts or bolts without removing the wrench is available with 1/4, 3/8 (most common), 1/2, and 1 drives, you fit just the right size socket you will need at the top of the drive. If an obstacle is found
while turning the handle, You can reverse the course just to give yourself room and then continue working. These types of wrenches are made to provide a certain amount of torque without overtaking or tightening. There can be different types available (involving manual, digital, and other variations). It is commonly used for automotive work for
tightening wheel lug nuts. A torque wrench may be used on bicycles, farming equipment, or any situation where tightening the nut or bolt to a particular torque specification is usually determined by the manufacturer. The ratcheting wrench is a ratcheting wrench is a ratcheting wrench is similar to the combination wrench, the ratcheting wrench has at least one end inside which is a ratcheting wrench is similar to the combination wrench, the ratcheting wrench has at least one end inside which is a ratcheting wrench is similar to the combination wrench, the ratcheting wrench has at least one end inside which is a ratcheting wrench is similar to the combination wrench, the ratcheting wrench has at least one end inside which is a ratcheting wrench is similar to the combination wrench, the ratcheting wrench has at least one end inside which is a ratcheting wrench is similar to the combination wrench, the ratcheting wrench has at least one end inside which is a ratcheting wrench is similar to the combination wrench, the ratcheting wrench has at least one end inside which is a ratcheting wrench is similar to the combination wrench, the ratcheting wrench has at least one end inside which is a ratcheting wrench has at least one end inside which is a ratcheting wrench has at least one end inside which is a ratcheting wrench has a similar to the combination which is a ratcheting wrench has a similar to the combination which is a ratcheting wrench has a similar to the combination which is a ratcheting wrench has a similar to the combination which is a ratcheting wrench has a similar to the combination which is a ratcheting wrench has a similar to the combination which is a ratcheting wrench has a similar to the combination which is a similar to the combination wh
device. This wrench permits you to turn the wrench to tighten or loosen without removing and readjusting the position of the wrench handle hitting an obstacle after each turn. This makes it very easy to work in tight areas. Related: What are the different types of screws & their uses? The oil filter wrench is actually of four different styles, which are
 used primarily in the automotive industry. The chain strap and metal strap style filters apply a loop to protect the filter casing. Finally, a socket-style filter wrench resembles a cup, which consists of one side being a closed-loop for
hexagonal or square nuts, while the other end is an open U-shape. It is often used for hard nuts, the closed-end loosens the nut so that the open end with a spiral screw that is fixed and opens or closes the crescent as you
turn it. These are some of the most common wrenches available and the most widely used types. This is also known as a crescent wrench, although it needs more area due to its thicker size. The air impact wrench uses an air compressor
during the cordless impact wrench utilizes a rechargeable battery. This is also known as an air wrench or air gun. It is used to resemble a cordless drill in appearance. This wrench utilizes a rechargeable battery. This is also known as an air wrench or air gun. It is used to resemble a cordless drill in appearance. This wrench utilizes a rechargeable battery.
is no handle for this open wrench. Rather, the single head is manufactured to attach to a ratchet handle and socket extension, permitting it to fit in tight positions. When you do not first want to remove the surrounding parts, they do a lot of work to handle the bolts located deep in the body of the machine. Read Also: 23 Different Types of Metals and
Their Properties [Explained]When you have heard that someone has mentioned these special wrenches, chances are you will never own them. They are used for very specific functions or simply are not in common use outside of certain industries. Which are described below. The pedal wrench consists of a round tip, usually with one or two U-shaped
recesses. These types of wrenches are used to repair the pedal. Therefore, it is most commonly used in bicycle repair shops or for fairground rides like a pedal boat. It is also like an adjustable spanner. Its bigger jaw is built with a handle itself. The other jaw is movable on which threads are cut as in the pipe wrench. Its jaw is of plain surface like that
of an open-end spanner. These can be adjusted with a round nut. It is also used as a screw wrench. A plier wrench consists of flat-edged jaws at an angle and each is attached to a handle, which is joined by a bolt. The names may not sound familiar, you may have used them at some moment in your life. A bolt slides between two or more positions of an
opening on the upper jaw, providing the wrench to be arranged to fit in different sizes of heads. The name evolves from the way this tool is gripped, which is similar to a pair of pliers. When we hold pipes and round jobs with pipe wrenches it leaves some bruising scars on the jobs. Therefore strap wrenches are used where damage is caused if such
scars are made by the wrenches. A leather or canvas belt is provided which is rolled around the job and tightened with the buckle. With the help of its handle, the pipe is revolved. The jaws are adaptable to fit a type of pipe fittings. It is
particularly used in plumbing for work on pipes and fixtures. Checkout: Different Types of Axes & Their Uses [How To Use Them] This tap wrench is like a key, which fits the square drive of the tap, used to cut the female thread (such as the inside of the nut).
the middle. The spud wrench has fallen out of common use was this open-wrench spike at the opposing end used to line the holes on the pipes. It has since been rendered obsolete by the plumbers wrench, even though it can still be found in the occasional toolbox. The top jaw of the alligator wrench is serrated, while the rear is smooth. The alligator
wrench was identified due to the way it gripped nuts. The handle of this wrench looks more like a pointed fang than a modern pipe wrench. As these were primarily manufactured to handle in a curved, serrated jaw. Its main
purpose is to tighten or loosen the heads under the sink and toilet, consequently, it is also known as a faucet wrench. This armorers or single-piece wrench consists of a C-shaped, serrated head and involves a square slot and or a hole to attach the ratchet handle. They are available in many designs and are usually of the specific type or size of the
model of gun. These are used for gun repair and maintenance. Read Also: Types of Clamps: Their Working and Uses [How To Use Guide] Each side of the dog bone wrench has two box-shaped ends that have a different socket size. This wrench is named after its bone-shaped appearance, which is sometimes called the dumbbell wrench. These are only
used for bike maintenance, even though their ability to fit in small spaces sometimes makes them useful elsewhere. Some dog bone wrenches have swivel heads for greater flexibility. A drum key or square-holly socket wrench consists of a T-shape with a flattened handle. As the name suggests, it is used to tune different percussion instruments, such as
drums. A drum key with longer handles allows you to apply more torque than shorter handles. A drum wrench is a socket-style wrench available in a variety of styles. It is also known as a drum or barrel. These flat clutch wrenches consist of a U-shaped
opening at one end. They are specially designed to remove fan clutches on cars. Any of this type of wrench has a square opening at the other end, providing them to double as a clutch hold tool, while a second wrench is used to strike with a hammer to
transmit a greater amount of force. It is also known as a striking wrench. It is used to tighten large flange fittings and fasteners. A Hammer wrench is used in some metal, plumbing, or electrical jobs. Read Also: The Essential List of Welding Tools and
Equipments [Explained]This Torx key wrench is manufactured to fit into the star-shaped head of some bolts and screws. It is also sometimes known as a star-headed key. They can be bought in the same L-shape as the average Allen, you can also buy these in a laid-back set that resembles a Swiss Army knife than a wrench set. These wide and flat
wrenches are used on the conical part of a cup and cone hub. It is used to accommodate the leveling feet of a bicycle or washing machine but is sometimes used on other gentle projects where a typical open-ended wrench is too thick. Many models come with a larger type of Allen wrench, which is used to dislike clogs. Two types of wrench are used for
clogged waste disposal. To handle larger nuts, another type of flat wrench with a squat, U-shaped head is pivoted. This latter also used to dislike clogs in cutter variants, exactly like the Allen variants, exactly like the Allen variants, exactly like the Allen variants. A tension wrench is the key element in the lock and can be available in a broad range of designs. They can be hard or soft and are used to apply tension,
while the pick does its job. If you have ever seen someone lift a lock in a movie or video game and wonder why they only move one of the two tools, the stable is a tension wrench is small in size, they are designed to maintain spokes on the wire wheels. One end
consists of a slot that fits around the spoke, while the other end has a drive head that fits around the nipple nut. This type of wrench can be rotated in a full cycle without removing it due to its size and shape. The place to find this tool is a bike repair shop. Some changes resemble a small open wrench, while some look more like curved, flat metal. The
spanner wrench is a special specific class of equipment that has a curved end that can resemble a hook or C-shape. These types of wrenches consist of pins that permit them to be used on a wide variety of objects, ranging from spanner head screws to retainer rings. As you know now wrench is usually available either male or female. The male wrench
is inserted, like the head of a screwdriver. The female wrench has a socket that fits over the object they will be turning. Both are applied to tighten or loosen nuts & bolts, screws, and even caps and casings. Now, I hope Ive covered everything you were looking for about Types of Wrenches. If you still have any doubts or questions regarding this topic,
leave a comment below Ill reply. If you like it, then share this with your friends. Lastly, subscribe to our newsletter to get notified when we upload new posts. Download PDF of this articles on tools in our blog; the free encyclopedia that anyone can edit. 107,747 active editors 7,024,400 articles in English Lieutenant-General Henry
de Hinuber (17671833) was a Hanoverian army officer who commanded units of the King's German Legion (KGL) during the Napoleonic Wars. Initially serving in the Hanoverian army officer who commanded units of the King's German Legion (KGL) during the Napoleonic Wars. Initially serving in the Hanoverian army officer who commanded units of the King's German Legion (KGL) during the Napoleonic Wars.
Hinuber served in the Flanders Campaign. When Hanover was invaded in 1803, Hinuber offered his services to the British Army and was given command of the KGL before command of the KGL before command of the Bay of Naples in 1809. He was promoted to major-general in 1811 and given command of a brigade in Lord Wellington's
Peninsular War army in 1813. Hinuber commanded his brigade at the Battle of Nivelle in 1813 and then at the siege of Bayonne the following year, when he led the response to the French counter-attack. He joined the army of the new Kingdom of Hanover in 1816. He received his last command in 1831, of the 2nd Division of a corps of the German
Federal Army, and died in Frankfurt two years later. (Fullarticle...)Recently featured: Hurricane Claudette (2003)Trinity (nuclear test)ManitobaArchiveBy emailMore featured articlesAboutGlds Perla Viggsdttir... that Glds Perla Viggsdttir... that Glds Perla Viggsdttir...
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articleMuhammadu BuhariFormer president of Nigeria Muhammadu Buhari (pictured) dies at the age of 82. Clashes between Druze militias and the Syrian Armed Forces result in hundreds of deaths. The International Criminal Court issues arrest warrants for Taliban leaders Hibatullah Akhundzada and Abdul Hakim Hagqani over their alleged
persecution of women in Afghanistan. Flooding in Central Texas, United States, leaves at least 140 people dead. Ongoing: Gaza warRussian invasion of Ukrainetimeline Sudanese civil wartimeline Recent deaths: Felix Baumgartner Fauja Singh Bradley John Murdoch Frank Barrielhor Poklad Glen Michael Nominate an article July 18 Nadia Comneci on the
balance beam1290 King EdwardI issued an edict to expel all Jews from England.1723 Johann Sebastian Bach directed the first performance of his cantata Erforsche mich, Gott, und erfahre mein Herz in Leipzig.1976 At the Olympic Games in Montreal, Nadia Comneci (pictured) became the first person to score a perfect10 in a modern Olympics
gymnastics event.1989 American actress Rebecca Schaeffer was shot and killed by Robert John Bardo, eventually prompting the passage of anti-stalking laws in California.1995 Selena's album Dreaming of You, instrumental in popularizing Tejano music, was released posthumously. Benito Jurez (d.1872) Richard Branson (b.1950) M.I.A. (b.1975) Amy
Gillett (d.2005)More anniversaries: July 17July 18July 19ArchiveBy emailList of days of the yearAboutPainted batThere are 30 extant kerivouline species, which are members of Kerivoulinae, one of the four subfamilies of Vespertilionidae, itself one of twenty families of bats in the mammalian order Chiroptera, and part of the microbat suborder.
Kerivoulines, or woolly bats, are found in Africa and Asia, primarily in forests and caves, though some species can also be found in grasslands, savannas, or wetlands. They range in size from the least woolly bat, at 2cm (1in) plus a 2cm (1in) plus a 2cm (1in) plus a 2cm (1in) plus a 7cm (3in) tail. The 30 extant species of Kerivoulinae are
divided between two genera, with 26 species in Kerivoula and the remaining four in Phoniscus. (Fulllist...)Recently featured: Accolades received by Inception 1956 Summer Olympics medal tableMunicipalities in Prince Edward IslandArchiveMore featured is a Catholic parish church in Rabat, Malta, located on the edge of the
site of the Roman city of Melite. The present church was built between 1653 and 1658, replacing a church that was completed by Francesco Buonamici. The final stages were carried out completed by Lorenzo Gaf. It was elevated to the status of a minor
basilica in 2020. The church features a grotto where, according to tradition, Paul the Apostle lived and preached during his three-month stay in Malta in AD60. This photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul in 2021. Photograph shows the facade of the Basilica of StPaul 
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improve this article by adding citations to reliable sources. Unsourced material may be challenged and removed. Find sources: "1290" news newspapers books scholar JSTOR (August 2017) (Learn how and when to remove this message) Calendar year Year SMillennium 2 ndmillennium 2 ndmillennium 2 ndmillennium 2 ndmillennium 3 ndmillennium 3 ndmillennium 4 ndmillennium 4 ndmillennium 4 ndmillennium 5 ndmillennium 5 ndmillennium 5 ndmillennium 6 n
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calendar12001201Julian calendar1290MCCXCKorean calendar3623Minguo calendar622 before ROC622Nanakshahi calendar178Thai solar calendar18321833Tibetan calendar1290MCCXCK) was a common year starting on Sunday of the
Julian calendar.July 10 King Ladislaus IV of Hungary ("the Cuman") is assassinated at the castle of Krsszeg (modern Romania). He is succeeded by Andrew III ("the Venetian"), after an election by Hungarian nobles, who is crowned by Archbishop Lodomer as new ruler of Hungary and Croatia in Szkesfehrvr on July 23.[1][2]December 18 King Magnus
III of Sweden ("Birgersson") dies after a 15-year reign. He is succeeded by his 10-year-old son Birger ("Magnusson"). Although, Sweden is an elective monarchy, Birger had already been appointed heir to the throne in 1284. July 18 Edict of Expulsion: King Edward I of England ("Longshanks") orders all Jews (at this time probably numbering around
2,000) to leave the country by November 1 (All Saints' Day[3]). The edict was decreed on Tisha B'Av on the Hebrew calendar, a day that commemorates many calamities. They are eventually allowed back in 1656. September The 7-year-old Margaret, Maid of Norway, queen-designate and heir to the crown of Scotland, dies en route to the British Isles
in Orkney, leading to thirteen competitors for the crown of Scotland, a succession crisis. November 28 Eleanor of Castile, wife of Edward I, dies while traveling in the North. She has been suffering from illness for some time, and the cold and dampness of the winter months probably aggravate her condition. December Edward I travels with the body of
Queen Eleanor from Lincoln to London. Remembering his wife, Edward erects a series of crosses at each location that the body rests overnight. These are known as the twelve Eleanor crosses. Winter The second of the Statutes of Mortmain passed during the reign of Edward I prevents land from passing into the possession of the Church. Quia
Emptores, a statute passed by Edward I, puts an end to the practice of subinfeudations. The statute allows land to be sold according to royal approval, as long as the new owner answers directly to his lord or the king. June Genoa concludes a new commercial treaty with the Mamluks; five galleys sent by King James II of Aragon ("the Just") join the
Venetian Crusader fleet (some 20 ships) on its way to Acre. On board the fleet are Italian urban militias and mercenary forces under Seneschal Jean I de Grailly, who have fought for the Papal States in the so-called Italian Crusaders massacre Muslim merchants and peasants, and some local Christians in Acre. Some claim is
began at a drunken party others that a European husband found his wife making love to a Muslim. The barons and local knights try to rescue a few Muslims and take them to the safety of the castle, while some ringleaders are arrested.[5] August 30 Survivors and relatives of the massacre at Acre take bloodstained clothing to Sultan Qalawun ("the
Victorious") in Cairo, who demands that the leaders of the riot be handed over for trial, but the nobles refuse to send them and Oalawun now obtains legal clearance from the religious authorities in Cairo to break the truce with Crusader states. [6] October Oalawun orders a general mobilization of the Mamluk forces. In a council, it is decided that a
peace delegation be sent to Cairo under Guillaume de Beaujeu, Grand Master of the Knights Templar. However, Qalawun demands huge compensation for those killed in Acre, and sends a Syrian army to the coast of Palestine, near Caesarea.[7]November 10 Qalawun ("the Victorious") dies as the Egyptian Mamluk army sets out for Acre. He is
succeeded by his eldest son Al-Ashraf Khalil as ruler of the Mamluk Sultanate. Khalil orders his allies and tributaries in Syria to prepare for a campaign next spring. Governors and castle commanders are ordered to assemble siege equipment and armor.[8]June 13 Shamsuddin Kayumars, Mamluk ruler of the Delhi Sultanate, is murdered and
succeeded by Jalal-ud-din Khalji (or Firuz Shah I), founder of the Khalji dynasty, ending Mamluk rule and instigating the Khalji Revolution. [9] September 27 The 6.8 Ms Zhili earthquake affects the province of Zhili in China, with a maximum Mercalli intensity of IX (Violent), killing 7,270100,000 people. June 8 Beatrice Portinari, muse of the Italian poet
Dante Alighieri, dies in Florence. In his Divine Comedy (La Divina Commedia), he transforms his memory of Beatrice into an allegory of divine love.[10]"Year without winter" An exceptionally rare instance of uninterrupted transition, from autumn to the following spring, in England and the mainland of Western Europe.[11]March 1 The University of
Coimbra is founded in Lisbon by Denis I ("the Poet King"). He decrees that Portuguese is the official language of Portugal, queen consort of Castile (d.
 1313)January 6 Otto Bodrugan, English landowner and politician (d. 1331)June 23 Jakushitsu Genk, Japanese Rinzai master and poet (d. 1367)August 4 Leopold I, Duke of Austria ("the Glorious"), German nobleman (d. 1326)October 15 Anne of Bohemia, queen consort of Bohemia (d. 1313)December 24 Khwaju Kermani, Persian poet and mystic (d.
1349)Agnes Haakonsdatter, Norwegian noblewoman and princess (d. 1319)Andrea Pisano (or Pontedera), Italian sculptor and architect (d. 1348)Beatrice of Silesia, queen of Germany (House of Piast) (d. 1322)Buton Rinchen Drub, Tibetan Buddhist religious leader (d. 1364)Daichi
Sokei, Japanese Buddhist monk, disciple and poet (d. 1366)Giovanni Visconti, Italian cardinal, archbishop and co-ruler (d. 1340)Jacob van Artevelde, Flemish merchant and statesman (d. 1345)Jacopo Dondi dell'Orologio,
Italian doctor and polymath (d. 1359)Johannes de Muris, French mathematician and astronomer (d. 1344)John Maltravers, English nobleman, knight and governor (d. 1364)John Parricida, German nobleman (House of Habsburg) (d. 1312)Jyotirishwar Thakur, Indian playwright, poet and writer (d. 1350)Ke Jiusi, Chinese landscape painter and
calligrapher (d. 1343)Kitabatake Tomoyuki, Japanese nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Cameros, Spanish nobleman and prince (infante) (d. 1327)Peter of Castile, Lord of Castile,
scholar (posek) (d. 1350)Richard de Willoughby, English landowner and politician (d. 1362)Rudolf Hesso, Margrave of Baden-Baden, German nobleman (House of Zhringen) (d. 1335)Sesson Ybai, Japanese Buddhist monk, priest and poet (d. 1347)Theodore I, Marquis of Montferrat ("Palaiologos"), Byzantine nobleman and writer (d. 1338)Willem van
Duvenvoorde, Dutch nobleman and knight (d. 1353)January 28 Dervorguilla of Galloway, Scottish nobleman, co-ruler and knight (b. 1235)March 24 John dal Bastone, Italian monk, priest and preacher (b. 1200)March 26 John Kirkby, English bishop, vice-chancellor and
statesmanApril 26 Gaston VII, Viscount of Barn ("Froissard"), French nobleman and knight (b. 1225)May 10 Rudolf II, Duke of Austria, German nobleman (House of Habsburg) (b. 1270)June 8 Beatrice Portinari, Italian muse of Dante (b. 1266)June 13 Shamsuddin II, Mamluk ruler of the Delhi Sultanate (b. 1285)June 23 Henryk IV Probus ("the
Righteous"), High Duke of Poland (b. 1253)November 28 Eleanor of Castile, queen of Scotland (b. 1263)November 28 Eleanor of Castile, queen consort of England (b. 1241)December 18Herman
I, German nobleman (House of Henneberg) (b. 1224)Magnus III (or I) ("Birgersson"), king of Sweden (b. 1232)Adelaide, Countess of Auxerre, French noblewoman and ruler (suo jure) (b. 1251)Alice de Lusignan, Countess of Gloucester, French
noblewoman (House of Lusignan) (b. 1236)Cecilia Cesarini (or Caecilia), Italian noblewoman and nun (b. 1203)Eison, Japanese Buddhist scholar-monk, disciple and priest (b. 1201)Elizabeth the Cuman, queen of Hungary (House of Arpad) (b. 1244)Fakhr al-Din Mustawfi, Persian finance minister, advisor and vizier^ Engel, Pl (2001). The Realm of St
Stephen: A History of Medieval Hungary, 8951526. I.B. Tauris Publishers. p.110. ISBN1-86064-061-3. Bartl, Jlius; iaj, Viliam; Kohtova, Mria; Letz, Rbert; Sege, Vladimr; kvarna, Duan (2002). Slovak History: Chronology & Lexicon. Bolchazy-Carducci Publishers, Slovensk Pedegogick Nakladatel'stvo. p.34. ISBN0-86516-444-4. Mundill, Robin R.
(2002). England's Jewish Solution: Experiment and Expulsion, 1262-1290. Cambridge University Press. ISBN 0-521-52026-6. David Nicolle (2005). Osprey: Acre 1291 - Bloody sunset of the Crusader states, p. 49. ISBN 978-0-241-
29877-0.^ David Nicolle (2005). Osprey: Acre 1291 - Bloody sunset of the Crusader states, p. 52. ISBN 978-1-84176-862-5.^ Steven Runciman (1952). A History of The Crusades. Vol III: The Kingdom of Acre, p. 344. ISBN 978-0-241-29877-0.^
29877-0. Sen, Sailendra (2013). A Textbook of Medieval Indian History, p. 80. Primus Books. ISBN 978-9-38060-734-4. Williams, Hywel (2005). Cassell's Chronology of World History, p. 151. ISBN 0-304-35730-8. Kington, J. Climate and Weather. HarperCollins Publishers, 2010. Retrieved from "30ne hundred years, from 1101 to 1200 See also:
Renaissance of the 12th century/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentury/13thcentur
at the beginning of the 12th century The 12th century is the period from 1101 to 1200 in accordance with the Julian calendar. In the history of European culture, this period is considered part of the High Middle Ages and overlaps with what is often called the "'Golden Age' of the Cistercians". The Golden Age of Islam experienced significant
development, particularly in Islamic Spain. In Song dynasty China, an invasion by Jurchens caused a political schism of north and south. The Khmer Empire of Cambodia flourished during this century, while the Fatimids of Egypt were overtaken by the Ayyubid dynasty. Following the expansions of the Ghaznavids and Ghurid Empire, the Muslim
conquests in the Indian subcontinent took place at the end of the century. Main article: 1100sThe Ghurid Empire converted to Islam from Buddhism.1101: In July, the Treaty of Alton is signed between Henry I of England in exchange for a
yearly stipend and other concessions. The agreement temporarily ends a crisis in the succession of the Anglo-Norman kings.11011103: David the Builder takes over Kakheti and Hereti (now parts of Georgia).1102: King Coloman unites Hungary and Croatia under the Hungarian Crown.1102: Muslims conquer Seoro de Valencia.11031104: A church
council is convened by King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnisi to reorganize the Georgian Orthodox Church.1104: In the Battle of Ertsukhi, King David the Builder in Urbnis the Builde
king to embark on a crusade to the Holy Land. He fights in Lisbon and on various Mediterranean isles and helps the King of Jerusalem to take Sidon from the Byzantine Empire, becoming the vassal of Alexius I.1109: On June 10, Bertrand of
Toulouse captures the County of Tripoli (northern Lebanon/western Syria).1109: In the Battle of Nako, Boleslaus III Wrymouth defeats Emperor Henry V of Germany and stops German expansion eastward. Main
article: 1110s1111: On April 14, during Henry V's first expedition to Rome, he is crowned Holy Roman Emperor.1113: Paramavishnulok is crowned as King Suryavarman II in Cambodia. He expands the Khmer Empire and builds Angkor Wat during the first half of the century. He establishes diplomatic relations with China.1115: The Georgian army
occupies Rustavi in the war with the Muslims.1115: In Java, King Kamesvara of Kadiri ascends to the throne. Janggala ceases to exist and comes under Kadiri domination, highly possible under royal marriage. During his reign, Mpu Dharmaja writes Kakawin Smaradahana, a eulogy for the king which become the inspiration for the Panji cycle tales,
which spread across Southeast Asia.[1]1116: The Byzantine army defeats the Turks at Philomelion.1116: Death of doa Jimena Daz, governor of Valencia from 1099 to 1102.c. 1119: The Knights Templar are founded to protect Christian pilgrims in Jerusalem. Main article: 1120sA Black and White Photo of the 12th century Cuenca Cathedral (built from
1182 to 1270) in Cuenca, Spain1120: On January 16, the Council of Nablus, a council of ecclesiastic and secular lords in the crusader Kingdom of Jerusalem, establishes the first written laws for the kingdom.1120: On November 25, William Adelin, the only legitimate son of King Henry I of England, drowns in the White Ship Disaster, leading to a
succession crisis which will bring down the Norman monarchy of England.1121: On August 12, in the Battle of Didgori, the greatest military victory in Georgians, 15,000 Kipchak auxiliaries, 500 Alan mercenaries and 100 French Crusaders defeats a much larger Seljuk-led Muslim coalition
army.1121: On December 25, St. Norbert and 29 companions make their solemn vows in Premontre, France, establishing the Premonstratensian Order.1122: The Battle of Beroia (Modern-day Stara Zagora, Bulgaria) results in the disappearance of the Pechenegs Turkish tribe as an independent force.1122: On September 23, the Concordat of Worms
(Pactum Calixtinum) is drawn up between Emperor Henry V and Pope Calixtus II bringing an end to the first phase of the power struggle between the papacy and the Holy Roman Empire.1122: King David the Builder captures Tbilisi and declares it the capital city of Georgia, ending 400 years of Arab rule.1123: The Jurchen dynasty of China forces
Koryo (now Korea) to recognize their suzerainty.1124: In April or May, David I is crowned King of the Scots.1125: On June 11, in the Battle of Azaz, the Crusader states, led by King Baldwin II of Jerusalem, defeat the Seljuk Turks.1125: In November, the Jurchens of the Jin dynasty declare war on the Song dynasty, beginning the JinSong wars.1125:
Lothair of Supplinburg, duke of Saxony, is elected Holy Roman Emperor instead of the nearest heir, Frederick of Swabia, beginning the great struggle between Guelphs and Ghibellines.1127: The Northern Song dynasty loses power over northern China to the Jin dynasty.1128: On June 24, the Kingdom of Portugal gains independence from the
Kingdom of Len at the Battle of So Mamede; (recognised by Len in 1143). Main article: 1130sThe temple complex of Angkor Wat, built during the reign of Suryavarman II in Cambodia of the Khmer Era.11301180: 50-year drought in what is now the American Southwest.11301138: Papal schism, Pope Innocent II vs. Antipope Anacletus II.1130: On
March 26, Sigurd I of Norway dies. A golden era of 95 years comes to an end for Norway as civil wars between the members of Harald Fairhair's family line rage for the remainder of the century.1130: On Christmas Day, Roger II is crowned King of Sicily, the royal title being bestowed on him by Antipope Anacletus II.1132: The Southern Song dynasty
establishes China's first permanent standing navy, although China had a long naval history prior. The main admiral's office is at the port of Dinghai.11321183: the Chinese navy increases from a mere 3,000 to 52,000 marine soldiers stationed in 20 different squadrons. During this time, hundreds of treadmill-operated paddle wheel craft are assembled
for the navy to fight the Jin dynasty in the north.1135: King Jayabaya of Kadiri ascends to the throne.[2]11351154: The Anarchy takes place, during a period of civil war in England.1136: Suger begins rebuilding the abbey church at St Denis north of Paris, which is regarded as the first major Gothic building.1137: On July 22, the future King Louis VII
of France marries Eleanor, the Duchess of Aquitaine.1138: On October 11, the 1138 Aleppo earthquake devastates much of northern Syria.1139: in April, the Second Lateran Council ends the papal schism.1139: On July 5, in the Treaty of Mignano, Pope Innocent II confirms Roger II as King of Sicily, Duke of Apulia, and Prince of Capua and invests
him with his titles.1139: On July 25, the Portuguese defeat the Almoravids led by Ali ibn Yusuf in the Battle of Ourique; Prince Afonso Henriques is acclaimed King of Portugal by his soldiers. Main article: 1140sAverroes in a 14th-century painting by Andrea di Bonaiuto11401150: Collapse of the Ancestral Puebloan culture at Chaco Canyon (modern-day
New Mexico).1141: The Treaty of Shaoxing ends the countries and forcing the Southern Song dynasty to renounce all claims to its former territories north of the Huai River. The treaty reduces the Southern Song into a quasi-tributary state of the Jurchen
Jin dynasty.1143: Manuel I Komnenos is crowned as Byzantine emperor after the death of John II Komnenos.1143: Afonso Henriques is proclaimed King of Portugal by the cortes.1143: The Treaty of the pope.1144: On December 24,
Edessa falls to the Atabeg Zengi.11451148: The Second Crusade is launched in response to the fall of the County of Edessa.1147: On October 25, the four-month-long Siege of Lisbon successfully brings the city under definitive Portuguese control, expelling the Moorish overlords.1147: A new Berber dynasty, the Almohads, led by Emir Abd al-Mu'min.
takes North Africa from the Almoravides and soon invades the Iberian Peninsula. The Almohads began as a religious movement to rid Islam of impurities.1147: The Wendish Crusade against the Polabian Slavs (or "Wends") in what is now northern and eastern Germany. Main article: 1150s1150: Ramon Berenguer IV, Count of Barcelona marries
Petronilla, the Queen of Aragon.1151: The Treaty of Tudiln is signed by Alfonso VII of Len and Raymond Berengar IV, Count of Barcelona, recognizing the Aragonese conquests south of the Jcar and the right to expand in and annex the Kingdom of Murcia.1153: The Treaty of Wallingford, ends the civil war between Empress Matilda and her cousin
King Stephen of England fought over the English crown. Stephen acknowledges Matilda's son Henry of Anjou as heir.1153: The First Treaty of Constance is signed between Emperor Frederick I and Pope Eugene III, by the terms of which, the emperor is to prevent any action by Manuel I Comnenus to reestablish the Byzantine Empire on Italian soil
and to assist the pope against his enemies in revolt in Rome.1154: On December 27, Henry II is crowned King of England at Westminster Abbey.1155: Pope Adrian IV grants overlordship of Ireland to Henry II of England in the bull Laudabiliter.1156: On June
18, the Treaty of Benevento is entered into by Pope Adrian IV and the Hauteville kings. The kingship of William I is recognized over all Sicily, Apulia, Calabria, Campania, and Capua. The tribute to the pope of 600 schifati agreed upon by
Roger II in 1139 at Mignano is affirmed and another 400 shift is added for the new lands.1158: The Treaty of Sahagn ends the war between Castile and Len. Main article: 1160sThe Liuhe Pagoda of Hangzhou, China, 11651161: the Song dynasty Chinese navy, employing gunpowder bombs launched from trebuchets, defeats the enormous Jin dynasty
navy in the East China Sea in the Battle of Tangdao and on the Yangtze River in the Battle of Caishi.1161: Kilij Arslan II, Sultan of Rum, makes peace with the Byzantine Empire, recognizing the emperor's primacy.1161: In the siege of Ani, troops from the Kingdom of Georgia take control over the city, only to have it sold for the second time to the
Shaddadids, a Kurdish dynasty.1162: Genghis Khan, the founder of the Mongol Empire, is born as Temjin in present-day Mongolia.1163: The Norwegian Law of Succession takes effect.11651182: Tensions and disputes between the Pagan Empire and the Kingdom of Polonnaruwa causes the Sinhalese under Parakramabahu the Great to raid
Burma.1168: King Valdemar I of Denmark conquers Arkona on the Island of Rgen, the strongest pagan fortress and temple in northern Europe.1169: On May 1, the Norman invasion of Ireland begins. Richard fitzGilbert de Clare ('Strongbow') allies with the
exiled Irish chief, Dermot MacMurrough, to help him recover his kingdom of Leinster. Main article: 1170sThe defense of the Carroccio during the battle of Legnano (1176) by Amos Cassioli (18321891)1170: The Treaty of Sahagn is signed by Alfonso VIII of Castile and Alfonso VIII of Ca
provide Alfonso II with three hostages, to be used as tribute payments owed by Ibn Mardan of Valencia and Murcia.1170: On December 29, Thomas Becket is murdered in Canterbury Cathedral.1171: Saladin deposes the last Fatimid Caliph Al-'id and establishes the Ayyubid dynasty.1171: On November 11, Henry II of England lands in Ireland to
assert his claim as Lord of Ireland.1172: The Pandyan city of Madurai is sacked by the Sinhalese army due to an attempt to drive off the rival throne claimant, Kulasekara Pandyas in the Pandyas in the Pandyan Civil War.1174: On July 12
William I of Scotland is captured by the English in the Battle of Alnwick. He accepts the feudal overlordship of the English crown and pays ceremonial allegiance at York.1175: The Treaty of Windsor is signed by King Henry II of English in the Battle of Alnwick. He accepts the feudal overlordship of the English crown and pays ceremonial allegiance at York.1175: The Treaty of Windsor is signed by King Henry II of English in the Battle of Alnwick.
Conchobair.1176: On May 29, Frederick Barbarossa's forces are defeated in the Battle of Legnano by the Lombard League which results in the emperor's overlordship of the imperial Church.1176: On September 17, The Battle of
Myriokephalon (Myriocephalum; Turkish: Miryakefalon Sava) is fought between the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final, unsuccessful, effort by the Byzantine forces and will be the final forces and the Byzantine forces are also by the Byzantine forces are also by the Byzantine forces and the Byzantine forces are also by the Byzantine forces and the Byzantine forces are also by the Byzantine forces ar
papacy and its allies, and Frederick I, Holy Roman Emperor. The Norman Kingdom of Sicily also participates in negotiations and the treaty thereby determines the political course of all of Italy for the next several years.1178: Chinese writer Zhou Qufei, a Guangzhou customs officer, writes of an island far west in the Indian Ocean (possibly
Madagascar), from where people with skin "as black as lacquer" and with frizzy hair were captured and purchased as slaves by Arab merchants.1179: The Treaty of Cazola (Cazorla) is signed by Alfonso II of Aragon and Alfonso VIII of Castile, dividing Andalusia into separate zones of conquest for the two kingdoms, so that the work of the Reconquista
would not be stymied by internecine feuding. Main article: 1180s1180: The Portuguese Navy defeats a Muslim fleet off the coast of Cape Espichel.11801185: the Genpei War in Japan.1181: Parakramabahu the Great conducts a large-scale raid on Burma, after a ship transporting a Sinhalese princess to the Khmer Empire is attacked by Burmese naval
fleets.1182: Religious reformations of Theravada Buddhism in Pagan Burma under the patronage of Narapatisithu are continued with the end of the Polonnaruwa-Pagan War.1182: Revolt of the people of Constantinople against the Latins, whom they massacre, proclaiming Andronicus I Comnenus as co-emperor.1183: On January 25, the final Peace of
Constance between Frederick Barbarossa, the pope and the Lombard towns is signed, confirming the Peace of Venice of 1177.1183: On September 24, Andronicus I Comnenus strangled.1184: On March 24, Queen Tamar, King of Georgia, accedes to the throne as sole ruler after reigning with her father, George III,
for six years.1184: Diet of Pentecost organised by Emperor Frederick I in Mainz.1185: The Uprising of Asen and Peter against the Byzantine Empire leads to the restoration of the Sugarian Empire.1185: The Uprising of Asen and Peter against the Byzantine Empire leads to the restoration of the Sugarian Empire.
cathedral school (Katedralskolan) in Lund, Sweden, is founded. The school is the oldest in northern Europe and one of the oldest in all of Europe.1185: Beginning in this year the Kamakura shogunate deprives the emperor of Japan of political power.1186: On January 27, the future Holy Roman Emperor Henry VI marries Constance of Sicily, the
heiress to the Sicilian throne.1187: On July 4, in the Battle of Hattin, Saladin defeats the king of Jerusalem.1187: In August, the Swedish royal and commercial center Sigtuna is attacked by raiders from Karelia, Couronia, and/or Estonia.[3]1188: The Riah were introduced into the Habt and south of Tetouan by the Almohad caliph, Abu Yusuf Yagub al-
Mansur, and Jochem and Acem were introduced in Tamesna. [4]1189: On September 3, Richard I is crowned King of England at Westminster. 1189: On November 11, William II of Sicily dies and is succeeded by his illegitimate cousin Tancred, Count of Lecce instead of Constance. 11891192: The Third Crusade is an attempt by European leaders to
wrest the Holy Land from Saladin. Main articles: 1190s and 1200sRichard I of England, or Richard the Lionheart. 1190: On June 10, Emperor Frederick Barbarossa drowns in the River Salef, leaving the Crusader army under the command of the rivals Philip II of France and Richard I of England, which ultimately leads to the dissolution of the
Jerusalem1192: In the Battle of Jaffa, King Richard the Lionheart defeats Saladin.1192: In June, the Treaty of Ramla is signed by Saladin and Richard Lionheart. Under the terms of the agreement, Jerusalem will remain under Muslim control. However, the city will be open to Christian pilgrims. The Latin Kingdom is reduced to a coastal strip that
 extends from Tyre to Jaffa.1192: Minamoto no Yoritomo is appointed Sei-i Taishgun, "barbarian-subduing great general", shgun for short, the first Muslim empire in India for 14 years (11921206) by defeating Prithviraj Chauhan.1193: Nalanda, the great
Indian Buddhist educational centre, is destroyed.1194: Emperor Henry VI conquers the Kingdom of Sicily.1195: On June 16, the struggle of Shamqori. Georgian forces annihilate the army of Abu Baqar.1198: The brethren of the Crusader hospital in Acre are raised to a military order of knights, the Teutonic Knights, formally known as the Order of the
Knights of the Hospital of St. Mary of the Teutons in Jerusalem.1199: Pope Innocent III writes to Kaloyan, inviting him to unite the Bulgarian Church with the Roman Catholic Church.1200: Construction begins on the Grand Village of the Natchez, Mississippi. This ceremonial center for the Natchez people is occupied and built until the
early 17th century.[5]Eastern Hemisphere at the end of the 12th centuryChina is under the Northern Song dynasty. Early in the century, Zhang Zeduan paints Along the River During the Qingming Festival. It will later end up in the Palace Museum, Beijing.In southeast Asia, there is conflict between the Khmer Empire and the Champa. Angkor Wat is
built under the Hindu king Suryavarman II. By the end of the century, the Buddhist Jayavarman VII becomes the ruler. Japan is in its Heian period. The Chj-jinbutsu-giga is made and attributed to Toba Sj. It ends up at the Kzan-ji, Kyoto. In Oceania, the Tui Tonga Empire expands to a much greater area. Europe undergoes the Renaissance of the 12th
century. The blast furnace for the smelting of cast iron is imported from China, appearing around Lapphyttan, Sweden, as early as 1150. Alexander Neckam is the first European to document the mariner's compass, first documented by Shen Kuo during the previous century. Christian humanism becomes a self-conscious philosophical tendency in
Europe. Christianity is also introduced to Estonia, Finland, and Karelia. The first medieval universities are founded. Pierre Abelard teaches. Middle English begins to develop, and literacy begins to spread outside the Church throughout Europe. [6] In addition, churchmen are increasingly willing to take on secular roles. By the end of the century, at least on the control of the century and literacy begins to develop, and literacy begins to develop, and literacy begins to develop.
a third of England's bishops also act as royal judges in secular matters.[7]The Ars antiqua period in the history of the medieval music of Western Europe begins. The earliest recorded miracle play is performed in Dunstable, England. Gothic architecture and trouvre music begin in France. During the middle of the century, the Cappella Palatina is built in
Palermo, Sicily, and the Madrid Skylitzes manuscript illustrates the Synopsis of Histories by John Skylitzes. Fire and plague insurance first become available in Iceland, and the first documented outbreaks of influenza there happens. The medieval state of Serbia is formed by Stefan Nemanja and then continued by the Nemanji dynasty. By the end of the
century, both the Capetian dynasty and the House of Anjou are relying primarily on mercenaries in their militaries. Paid soldiers are available year-round, unlike knights who expected certain periods off to maintain their manor lifestyles.[8]In India, Hoysala architecture reaches its peak. In the Middle East, the icon of Theotokos of Vladimir is painted
probably in Constantinople. Everything but the faces will later be retouched, and the icon will go to the Tretyakov Gallery of Moscow. The Georgian poet Shota Rustaveli composes his epic poem The Knight in the Panther's Skin. Shahab al-Din Suhrawardi founds his "school of illumination". In North Africa, the kasbah of Marrakesh is built, including the
city gate Bab Agnaou and the Koutoubia mosque. In sub-Saharan Africa, Kente cloth is first woven. In France, the first piedfort coins were minted. The city of Tula burns down, marking the end of the Toltec Empire is established. See also: Timeline of historic inventions 12th century 1104: The Venice Arsenal of Venice, Italy,
is founded. It employed some 16,000 people for the mass production of sailing ships in large assembly lines, hundreds of years before the Industrial Revolution.1106: Finished building of Gelati.1107: The Chinese engineer Wu Deren combines the mechanical compass vehicle of the south-pointing chariot with the distance-measuring odometers.
device.1111: The Chinese Donglin Academy is founded.1165: The Liuhe Pagoda of Hangzhou, China, is built.1170: The Roman Catholic notion of Purgatory is defined.[9]1185: First record of windmills.Wikimedia Commons has media related to 12th century.^ Soekmono, R, Drs., Pengantar Sejarah Kebudayaan Indonesia 2, 2nd ed. Penerbit Kanisius
Yogyakarta, 1973, 5th reprint edition in 1988 p.57^ Britannica, T. Editors of Encyclopaedia (1998, July 20). Kairi. Encyclopaedia (1998, July 20). Encyclopae
University of Chicago Press. ISBN0226470822. Warren, Wilfred Lewis (1961). King John. University of California Press. p.362. ISBN9780520036437. {{cite book}}: ISBN / Date incompatibility (help)Retrieved from " 4The following pages link to 12th century External tools(link counttransclusion countsorted list) See help page for transcluding these
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edit)6th century BC (links | edit)115t century BC (links | edit)115t (links | edit)115t (links | edit)1160s (links | edit)116
WhatLinksHere/12th century" Grabbing the wrong wrench is a pain, and carrying more than one is a hassle. An adjustable wrench can do the work of many, lightening your tool kit and saving time (no more going back and forth to find the right size wrench). In our experience, adjustable wrenches need tight jaws that dont wiggle around (so they
won't round off and damage your fasteners). Ergonomic handle designs and durable build quality you can trust are important too, so we researched options from the most reliable brands (Crescent, Irwin, Knipex, and more). Our favorite adjustable wrenches work with a wide range of nuts and other fasteners (up to 1.75 inches for some), and include
small options for tight spaces and long-handled wrenches for plenty of leverage. Weve also identified all the best standard, compact, thin jaw, spuds, plier combinations, and more. Credit: The Spruce$34 at AmazonView on Walmart$34 at Home Depot The Channellock WideAzz Adjustable Wrench is likely to become your most-reached-for wrench
thanks to its superior design, which incorporates everything we look for in a crescent wrench. It covers a huge range of fastener sizes, it's compact, and the handle is very comfortable. The jaws are also a bit thinner and longered to use a 12-inch wrench to get that kind of jaw capacity. The jaws are also a bit thinner and longered to use a 12-inch wrench to get that kind of jaw capacity.
than most other 8-inch crescent wrenches, making this a great choice when reaching into awkward or tight spaces. Once you have the wrench tightened around the nut, you'll find that the WideAzz grips tightly rubbery blue plastic,
10-inch length, but we like the 8-inch model because it is long enough to reach most nuts and bolts but not so long that it's awkward to turn in a tight spot. Length: 8 inches | Measurement Scale: SAE, metric | Weight: 12 ounces Credit: The Spruce$19$18 at AmazonView on Acmetools.com You can get a kinches | Measurement Scale: SAE, metric | Weight: 12 ounces Credit: The Spruce$19$18 at AmazonView on Acmetools.com You can get a kinches | Measurement Scale: SAE, metric | Weight: 12 ounces Credit: The Spruce$19$18 at AmazonView on Acmetools.com You can get a kinches | Measurement Scale: SAE, metric | Weight: 12 ounces Credit: The Spruce$19$18 at AmazonView on Acmetools.com You can get a kinches | Measurement Scale: SAE, metric | Weight: 12 ounces Credit: The Spruce$19$18 at AmazonView on Acmetools.com You can get a kinches | Measurement Scale: SAE, metric | Weight: 12 ounces Credit: The Spruce$19$18 at AmazonView on Acmetools.com You can get a kinches | Measurement Scale: SAE, metric | Weight: 12 ounces Credit: The Spruce$19$18 at AmazonView on Acmetools.com You can get a kinches | Measurement Scale: SAE, metric | Weight: 12 ounces Credit: The Spruce$19$18 at AmazonView on Acmetools.com You can get a kinches | Measurement Scale: SAE, metric | Weight: 12 ounces Credit: The Spruce$19$18 at AmazonView on Acmetools.com You can get a kinches | Measurement Scale: SAE, metric | Weight: 12 ounces Credit: The Spruce | Measurement Scale: SAE, metric | Weight: 13 ounces Credit: The Spruce | Measurement Scale: SAE, metric | Weight: 14 ounces Credit: The Spruce | Measurement Scale: SAE, metric | Weight: 14 ounces Credit: The Spruce | Measurement Scale: SAE, metric | Weight: 14 ounces Credit: The Spruce | Measurement Scale: SAE, metric | Weight: 14 ounces Credit: The Spruce | Measurement Scale: SAE, metric | Weight: Measurement Scale: SAE, metric | Weight: Measurement Scale: SAE, metric | Weight: Measurement Scale: M
reasonably priced adjustable wrench without sacrificing quality, and the Irwin Vise-Grip is proof. This 10-inch wrench has a 1.25-inch jaw capacity, which is large enough for most common uses around the home or garage. It's made of chrome vanadium steel for extra durability, and the handle has a comfortable plastic grip that keeps the tool steady
in your hands even when working on wet plumbing fittings. One side of the wrench has metric measurements between the jaws, while the other side has SAE measurements in 0.06 inch. While the adjustment knob of this wrench has only three threads, it doesn't suffer much from annoying wiggle or play when gripping a nut. For the price, this is a
great addition to your toolbox, whether you use tools daily or just once or twice a year. Length: 10 inches | Max Jaw Capacity: 1.25 inches | Measurement Scale: SAE, metric | Weight: 1 pound Credit: The Spruce$57 at AmazonView on Walmart$58 at Home Depot This ingenious tool provides all the functionality of an adjustable wrench, but it's also a
fully functional set of pliers. It gives you the freedom to grasp any nut or bolt on the fly like pliers, with all the stability and strength of a precision-machined adjustable wrench, so it's capable of handling a huge variety of tasks. In addition to adjusting nuts and bolts, this tool can be used to snap edges of tile, hold pieces together while an adhesive
dries, cut cable ties, and hold, turn, bend, or clamp just about any other object that can fit within its maximum jaw capacity of 1.37 inches. Unlike typical crescent wrenches, this tool does not have an adjustment screw. Instead, it uses a push-button adjustment function with 13 possible positions. This allows you to angle the self-ratcheting tool into the
angle best suited for your needs while maintaining a secure grip without wiggling or slipping. The Knipex Pliers Wrench is made of chrome vanadium steel and has ergonomically designed comfort grip handles. It has a slim head that easily reaches into tight spaces and an overall length of 7.25 inches. While you might not need this admittedly
expensive wrench if you rarely open your toolbox, it's well worth the investment if you work as a handyperson, plumber, or mechanic, or just like being able to carry one reliable tool in place of several wrenches, sockets, and pliers. Length: 7.25 inches | Measurement Scale: SAE, metric | Weight: 10 ounces Credit:
Amazon$25 at AmazonView on Workprotools.store If you do a lot of work on plumbing or other projects that require a variety of wrench sizes, it's convenient and also economical to buy a set rather than purchase individual wrench, all made
from strong chrome-plated steel. While this isn't a professional-level set of tools, it's more than adequate for basic repairs and other commonly handled DIY tasks around the house or garage. The 6-inch wrench has a 1.12-inch jaw capacity, and the
12-inch wrench's jaw capacity is 1.31 inches. That's slightly below average for crescent wrenches, so you won't want these if your projects often involve very large nuts and bolts, but they will handle the most common sizes of fasteners. Length: 6, 8, 10, 12 inches | Measurement Scale: SAE | Weight: 3 pounds (set) Credit
Amazon$77$21 at AmazonView on Walmart This beast of a wrench measures nearly 15 inches in length and weighs almost 3 pounds, so it's going to take up quite a bit of space in your best choice. Made of chrome-plated alloyed steel
this sturdy tool has a jaw capacity of 1.75 inches, and the adjustment knob works smoothly without excessive wiggle or play. A bit unusual for a crescent wrench, this one does not have "teeth" on the inner surface of the jaws for extra grip. However, that can be a good feature if you are concerned about damaging the object you are turning. This is a
very useful adjustable wrench for automotive work, plumbing, irrigation projects, attaching or detaching trailer or boat hitches, or similar tasks that involve large fasteners. If 15 inches isn't big enough for your needs, Olympia Tool also makes the same wrench in 18-inch and 24-inch sizes. All are reasonably priced, durable options that are good
additions to a handyperson's toolbox. Length: 14.75 inches | Max Jaw Capacity: 1.75 inches | Measurement Scale: SAE | Weight: 2.98 pounds Credit: Amazon Some tasks, such as working on plumbing and bicycles, call for an adjustable wrench with thinner jaws than the average tool. These applications have small fasteners or tight quarters that
render most adjustable wrenches unwieldy and useless. That's why we love the exceptionally slim jaws of the Engineer TWM-07, which are ideal for grasping small fasteners and sneaking into tight spaces. The extra-thin jaws are only 2 mm thick and slightly pointed, so you won't struggle to get a grip on small nuts and bolts. The overall length of the
wrench is 6.5 inches, and the maximum jaw capacity is 0.94 inches, so this is a fairly small crescent wrench that weighs a mere 4.6 ounces. You won't be able to exert a lot of force with this wrench, but that's not usually a requirement for the fasteners it's sized for. The wrench has a metric scale but no SAE measurements. Length: 6.5 inches | Max
Jaw Capacity: 0.94 inch | Measurement Scale: Metric | Weight: 4.6 ounces Credit: Amazon$36$15 at Amazon$15 at Home Depot Also called an "adjustable wrench with its tapered handle that ends in a point. The pointed end is used to line up bolt holes in various
types of construction jobs, such as plumbing, installing parts, or setting up scaffolding. This spud wrench from Crescent is 10 inches long and has a maximum jaw capacity of 1.3 inches. It weighs a little less than 1 pound. The wrench is made of alloy steel with a black oxide finish that resists corrosion and rust. It has a tension spring to help stabilize
the jaw and reduce play or wiggle. Between the jaws, the tool has both metric and SAE measurements laser-etched. The wrench is also available in a 16-inch length if you need a construction wrench for oversized fasteners. Length: 1.3 inches | Measurement Scale: Metric, SAE | Weight: 0.95 pounds Credit: Amazon$20 at
AmazonView on Whalesupply.com If you need a pocket-sized wrench from Fujiya is our recommendation. This beautifully designed tool measures a mere 4.25 inches in length and weighs only 3.6 ounces, but it still manages to have an impressive jaw
capacity of 1.12 inches. The jaws are long and narrow for easier grasping of small fasteners and are specially designed to reduce the chances of "rounding off" or damaging nuts and bolts as you turn them. They're good for delicate work, like the small nuts on a bicycle, and for working in tight quarters, like under your sink. You won't be bothered without a single factorial to the chances of "rounding off" or damaging nuts and bolts as you turn them.
a lot of wiggle or play in the jaws of this tool, which has a smoothly functioning adjustment knob that keeps the wrench steady once in position. The alloy steel wrench has a rubberized grip around the handle to help keep it securely within your grasp. It's marked with a metric scale but not SAE measurements. Length: 4.25 inches | Max Jaw Capacity:
1.12 inches | Measurement Scale: Metric | Weight: 3.6 ounces Credit: Amazon$43$19 at Amazon$43$19 at Amazon$43$10 at Amazon$43
and even round off a stubborn nut if you arent careful. This adjustable wrench from Crescent solves that problem with a locking mechanism that holds the jaws firmly in place. We like that this wrench comes with a comfortable handle, which reduces the stress of squeezing the locking mechanism. The serrated jaws also come in handy, providing a
little extra grip that you wouldnt have otherwise. If youve ever used locking pliers, the basic functionality of this locking mechanism. This wrench wont lock securely if it hasnt already been tightened around a nut or bolt using the
adjustment screw, and it lacks the grip strength of true locking pliers, but we think the extra utility makes it well worth your while to include one of these in your toolbox. Length: 1.3 inches | Measurement Scale: SAE, metric | Weight: 1.48 poundsIf you want an adjustable wrench that has a wide jaw capacity without
being excessively long, feels comfortable in your hand, and has thin jaws that reach into tight spaces to easily grasp smaller fasteners, then we recommend the Channellock WideAzz 8-Inch Adjustable Wrench. But if you are looking for a set of adjustable wrenches to cover the most common sizes, then the Workpro 4-Piece Set, which includes a 6-inch
8-inch, 10-inch, and 12-inch adjustable wrench, is your best bet and is reasonably priced to boot. Adjustable wrenches provide a lot of flexibility in terms of the fasteners they can handle, but we know that they still have limitations. Thats why we researched dozens of adjustable wrenches from dependable brands like Channellock, Irwin, Knipex, and
Crescent to find the most reliable options with a variety of handle lengths, jaw capacities, and various special features. The biggest problem youll run into with crescent wrenches is rounding off a fastener due to loose jaws, says Jeremy Laukkonen, a writer for The Spruce with over 10 years of experience as a mechanic. Look for four threads with tight
tolerances on the adjusting screw, and save yourself a big headache. With that in mind, we focused our research on tough and durable adjustable wrenches with tight adjustable wrenches to find the best adjustable wrenches for every
job. Handle length is an important consideration when shopping for an adjustable wrench, because it impacts where you'll be able to use the wrench and how much leverage you'll be able to apply. "Longer handles give you the leverage to break stubborn nuts loose, but they're harder to use in cramped quarters," says Laukkonen. The Right Length for
the Job The length of an adjustable wrench refers to the entire tool, which includes both the handle and the jaws. The most common sizes are 8 inches, and 12 inches, and 1
it should work for most household tasks. The largest wrench on our list is the Olympia Tools Adjustable Wrench (our best extra-large pick), at almost 15 inches in length. It's a great option if you need a lot of torque (turning force), but you'll have trouble maneuvering it under the hood of a car or in the cabinet under your sink. Consider Comfortable
 Handles In addition to length, Laukkonen recommends considering the design of the handle. "I used bare metal handles when I was a mechanic, and they feel better in the hand while also providing a better grip." The Channellock
WideAzz Adjustable Wrench (our overall best recommendation) has a rubberized grip that can be a little bit more comfortable to use, as well as easier to grip, (especially if your hands get wet or sweaty. The great thing about adjustable wrenches, as well as easier to grip, (especially if your hands get wet or sweaty. The great thing about adjustable wrenches is that they can handle a wide variety of fasteners, doing the work of multiple non-adjustable wrenches,
but they aren't a true one-size-fits-all solution. That's why you need to consider the size of your fasteners and the environments you'll be working in. If youll be using your wrench on large nuts and bolts, youll need a tool with enough jaw capacity to open wide enough to fit around the fastener. Typically, the longer the wrench, the wider its jaw
capacity. Typical jaw capacities include 1.12-inch for 8-inch wrenches, and 1.25 inches for 10- and 12-inch wrenches, but there is a lot of variation. Standard and Slim Jaws It can be difficult to fit a regular adjustable wrench wrenches, but there is a lot of variation. Standard and Slim Jaws It can be difficult to fit a regular adjustable wrench around small fasteners or into tight spots. For those situations, an adjustable wrench with thin or slim jaws like the Engineer
Super Thin Jaws Adjustable Wrench (our best slim jaw pick) is the solution. These wrenches are especially useful for more delicate work, such as repairing bicycles or other items with plumbing. Note that having slim jaws doesnt necessarily mean the
wrench has a small jaw capacity; many of these wrenches have the typical length and jaw capacity of regular wrenches are designed with a screw gear that you can turn with your thumb to open and close the tools jaws. Good adjustable wrenches have
adjustment screws that are easy to turn, but not so loose that theres wiggle or excessive play in the sliding jaw. Take a look at the adjustment knob of any wrench you are considering: As a very rough rule of thumb, the best adjustment knob of any wrench you are considering: As a very rough rule of thumb, the best adjustment knob of any wrench you are considering: As a very rough rule of thumb, the best adjustment knob of any wrench you are considering: As a very rough rule of thumb, the best adjustment knob of any wrench you are considering: As a very rough rule of thumb, the best adjustment knob of any wrench you are considering in the sliding jaw. Take a look at the adjustment knob of any wrench you are considering in the sliding jaw.
can provide steadier performance with less wiggle, but the difference can be quite slight, and tight tolerances (so the jaw isn't loose) are important as well. Basic adjustable wrenches lack any kind of measurement scale, so you need to estimate the right jaw width by looking at the fastener. That can be a hassle, which is why it's so convenient to have
a measurement scale printed or etched into the jaw of the wrench. Some wrenches, like our best overall pick and Irwin Vise-Grip Adjustable Wrench (our best budget option), have a measurement scale on each side of the wrench. "Metric and SAE don't apply to
adjustable wrenches, but having one scale or the other makes it quicker and easier to set the right size," says Laukkonen. If you only have a metric scale or only have an SAE scale. There's no real benefit to only having one scale available versus both
but make sure that the wrench you choose at least has the scale you're most comfortable with. Michelle Ullman is the home improvement/tool expert for The Spruce. She has extensive experience not only in writing about all things related to the home, but also in carrying out various DIY projects, including landscaping, painting, flooring,
 wallpapering, furniture makeovers, and simple repairs around the house and yard. For this story, she considered dozens of adjustable wrenches, evaluating each for durability, jaw capacity, versatility, ergonomics, and overall value. She also considered feedback from customers, both positive and negative. Our Experts: Jeremy Laukkonen, an updates
writer at The Spruce with 10 years of experience as a mechanic Must-Have Tool Chests to Upgrade Your GarageNote: This post may contain affiliate links. This means that at no cost to you, we may earn a small commission for qualifying purchases. Wrenches are among those everyday tools that you might overlook until its needed. You may often
grab whatever wrench is nearby to tackle the project you face. But there are actually quite a few different types of wrenches are generally either male or female. Male wrenches are generally either male or female wrenches are generally either male or female.
terms used to classify wrenches into subgroups. While knowing these terms will give you a better idea of a wrench year as an old-fashioned key without teeth or as a T-shaped socket that
may have a male or female tip. Allen wrenches, bottle openers, and window cranks are all types of key wrench. Socket Socket wrenches may refer to either a single piece or a handle which attaches to cylindrical sockets. The socket fits over the head and turns either vertically or horizontally, depending on the handles orientation. Spanner Spanners are
wrenches used to turn a spanner head and have a design that has pins or hooks instead of a normal end. The term is most commonly used in British English to describe wrenches in general, although it has seen some use in the US as a subgroup of wrench. For more information, see below. Common Wrench Types Chances are, you have at least one of
these somewhere in your home. The average toolkit will have a range of uses, as opposed to the less common ones discussed later. Adjustable WrenchMore commonly referred to as a crescent wrench, these are one of the most popular wrenches available. They have an open end with a spiral screw embedded
that opens or closes the crescent as you turn it. For this reason, it can perform the same basic function as an entire set of combination or open-ended wrench set) Also referred to as a hex key, this hexagonal piece of metal may be either L-shape
or T-shaped with the extra limb functioning as a handle. As a male-style wrench, this fits into the heads of screws and bolts that have a hexagonal recess. Allen wrench sets usually come in either SAE or Metric sizes. Box-Ended WrenchThese wrenches have a closed loop at both ends, sometimes slightly higher or lower than the handle to let it grip
recessed nuts without rounding the edges. The closed ends are designed to fit either hexagonal or square bolts, and are different in size. Box-ended wrenches are frequently sold in sets. Combination wrench would be
the result. One side is a closed loop for hexagonal or square nuts, while the other end is an open U-shape. Used most often for difficult nuts, the closed end loosens the nut so that the open end can be used to quickly unscrew it. Like sockets, combination wrenches are usually sold in sets containing a variety of wrench sizes. Crowfoot WrenchThese
curious open-ended wrenches have no handle. Instead, the single head is designed to attach to a ratchet handle and socket extension, allowing it to fit into very tight spaces. They work great for handling bolts located deeper on a machines body when you dont want to remove nearby parts first. Impact Wrench (see our pick for best air impact wrench or
best cordless impact wrench) More closely resembling a cordless drill in appearance, air impact wrenches use an air compressor while cordless impact wrenches use an echargeable battery. The former are sometimes called air wrenches use an eir compressor while cordless impact wrenches use an eigenvalue of the eigenvalue
a great choice for handling multiple nuts (such as when mounting wheels on a car), although they are a poor choice for any job that requires precision. See Also: Impact Wrench vs Impact Wrench vs Impact Driver (Comparison) Lug Wrench This aptly-named tool is either L shaped with a single socket opening at the end or a large, X shaped design (also called a spider
wrench) with four sockets of different sizes. They are used to tighten or loosen lug nuts on cars, earning them the nickname of wheel brace. The longer the lug wrench, the more torque can be generated when applying force to either tighten or untighten. Works similar to a breaker bar with a socket at the end. Oil Filter Wrench Another tool used mainly
in the automotive industry, oil filter wrenches actually have four different styles and often have to be matched to the brand of car. Chain strap and metal strap around the filter wrenches resemble a cup with
parts of the sides cut away. These fit onto the bottom of a filter cap, and are used with a ratchet handle. Open-Ended Wrench One of the most common types of wrench found in toolboxes, the open-ended wrench has two U-shaped ends, with one being slightly bigger than the other. They are used for hard-to-reach nuts and bolts, and the open design
makes it possible to attach them either vertically or horizontally onto the target fitting. The downside is that they are more likely to round the edges of a nut than box-ended wrenches. Pipe WrenchThis is the big brother of adjustable wrenches, with a sturdier, F-shaped design. Used mainly by plumbers on metal pipes and fittings, the serrated jaws of
this hefty tool can easily leave scratch marks behind. Ratcheting wrenches, and combination wrenches, box-ended wrenches, and combination with the 
having to remove and readjust the position if the wrench handle hits an obstacle after each turn. It makes working in tight areas a lot easier. Socket Wrench (or ratchet) uses a ratcheting mechanism to allow you to quickly tighten or untighten nuts or bolts without
lifting the wrench off the fastener. Available with 1/4, 3/8 (most common), 1/2, and 1 drives, you simply fit the correct size socket that youll need, on top of the drive. If the handle meets an obstacle while being turned, you can simply reverse course togive yourself room and then continue working. Torque wrench (see our pick for best torque
wrench)This socket wrench is designed to deliver a specific amount of torque without overtightening. This amount can be calibrated, and different types are available (including manual, digital, and other variations). Its most commonly used for automotive work such as tightening wheel lug nuts. Torque sticks may be quicker but not as accurate. A
torque wrench can also be used on bicycles, farming equipment, or any instance where tightening a nut or bolt to a specific torque specification which is usually set by the manufacturer. Other Wrench TypesWhile you might have heard someone mention these specialty wrenches, chances are youve never owned one. They tend to be used for very
specific tasks, or are simply no longer in common use outside of a few industries. Alligator WrenchOnce the big daddy of wrenches, the alligator wrench was named due to the way it gripped nuts. The top of the jaw is serrated, while the bottom is smooth. The handle looks more like a pointy fang than its modern cousin, the pipe wrench. As these were
designed mainly to handle square-shaped heads, it has become rare to see them outside of movies. Armorers WrenchThis single-piece wrench has a C-shaped, serrated head and may include square slots and/or a hole to attach a ratchet handle. Used for gun repair and maintenance, they are available in a range of designs and are usually sized to fit
specific types or models of gun. Basin WrenchThis peculiar wrench has a long, T-shaped handle ending in a curved, serrated jaw. Its primary function is to loosen or tighten the fixtures under sinks and toilets, resulting in it also being known as a faucet wrench. Bionic WrenchThis peculiar wrench has a long, T-shaped handle ending in a curved, serrated jaw. Its primary function is to loosen or tighten the fixtures under sinks and toilets, resulting in it also being known as a faucet wrench. Bionic WrenchThis peculiar wrench has a long, T-shaped handle ending in a curved, serrated jaw. Its primary function is to loosen or tighten the fixtures under sinks and toilets, resulting in it also being known as a faucet wrench. Bionic WrenchThis peculiar wrench has a long, T-shaped handle ending in a curved, serrated jaw. Its primary function is to loosen or tighten the fixtures under sinks and toilets, resulting in the fixtures under sinks and toilets.
wrench that has a round opening and two handles similar to those of pliers. When placed around the target head, the two handles can be squeezed, causing the hole to tighten and grip the head firmly, making this an adjustable box-ended wrench. Bung WrenchAvailable in a variety of styles, the drum bung wrench (also called a drum plug wrench) is a
socket-style wrench. It was designed specifically to remove the plastic or metal bung (cap) on drums or barrels. Special sparkless versions are available when dealing with flammable materials. Cone Wrench are used on the cone portion
of a cup and cone hub. Its mostly used for bicycles or adjusting the leveling feet of washing machines, but sometimes employed on other gentle projects where a normal open-ended wrench grips the die in the middle using a screws to secure it.
These dies are used in creating the threads on nuts and bolts. They are the basis of any tap and die set. Dog Bone Wrench is also sometimes referred to as a dumb-bell wrench is also sometimes referred to as a dumb-bell wrench. Each side of the two box-shaped ends has a different socket size. These are used almost exclusively for bike maintenance,
although their ability to fit into small spaces has occasionally made them useful elsewhere. Some dog bone wrenches have swivel heads for even more flexibility. Drum KeyA square-holed socket wrench, a drum key has a T-shape with flattened handles. As the name implies, it is used to tune various percussion instruments, such as drums. Drum keys
with longer handles allow you to apply more torque than the shorter handles. Fan Clutch WrenchThese flat spanners have a U-shaped opening at one end. They are designed specifically for removing fan clutches on cars. Some also have a squared opening at one end. They are designed specifically for removing fan clutches on cars. Some also have a squared opening at the other end, allowing them to double as a clutch holding tool while a second wrench is used
to turn the hex nut. Fire Hydrant WrenchThese large box-ended wrenches have a pentagon shape that was designed solely for use on fire hydrants. As a result, a hydrant can only be opened using one of these tools. The end is typically adjustable and this wrench is known for its long handle to allow the user to apply more torque. Flare Nut
WrenchSometimes referred to as a line wrench, these are another hybrid of box and open ended designs, The opening is just wide enough to fit around a tube, but it still grips nuts like a box end. These wrenches are especially useful on softer metals prone to damage from open-ended wrenches, such as those used in plumbing. Garbage Disposal
WrenchThere are actually two different types of wrench used for clogged garbage disposals. Many models come with a large type of allen wrench which is used to dislodge clogs in the cutter heads, just
like the allen variant. Hammer Wrench (box end to help tighten large flange fittings and fasteners. Hammer wrench is a short, thick wrench (box end or open end) that is used for hitting with a hammer wrench is a short, thick wrench (box end to help tighten large flange fittings and fasteners. Hammer wrenches can also
be used to help release stuck or rusted nuts and bolts through high force. This heavy duty wrench is used in certain metalworking, plumbing, or electrical jobs. Monkey WrenchThis is the type of wrench similar to an alligator
wrench, but with smooth jaws and rounded handle. Its association with sabotage heralds from its former role as a standard tool in most industrial branches. Pedal Wrench is used for repairs involving pedals. Thus is it used most often in
bicycle repair shops or for fairground rides such as pedal boats. Pliers WrenchWhile the name might not seem familiar, you have likely used these at some point in your life. The flat-edged jaws are at an angle and each is attached to a handle, which are connected by a bolt. The bolt can slide between two or more positions of an opening on the upper
jaw, allowing the wrench to be adjusted to fit different sizes of head. The name comes from the way this tool is gripped, which is the same as a pair of pliers. Plumbers WrenchSimilar in design to pliers wrenches, the jaws are adjustable to fit hexagonal nuts. The jaws are adjustable to fit a variety of pipe fittings. It is used exclusively in plumbing for work
on pipes and fixtures. Spanner WrenchNot to be confused with the British term, spanner wrenches are a highly specialized class of tools that have a curved end which may resemble either a hook or a C-shape. These have pins which allow them to be used on a variety of items, from spanner head screws to retainer rings. Spark Plug WrenchThis double-
ended hex socket requires a T-bar handle to use. As the name implies, it is designed to fit onto spark plugs and found anywhere that performs automotive, lawnmower, or other engine repairs and maintenance. Many socket sets these days include a 1-2 spark plug sockets so check your sockets first before buying a standalone wrench. Spoke
WrenchThese tiny wrenches are designed for maintaining the spokes on wire wheels. One end has a slot that fits around the nipple nut. Due to the size and shape, this wrench can be rotated in a full circle without having to remove it. The most common place to find this tool is a bike
repair shop. Some variations more closely resemble a tiny open-ended wrench, while others look more like a piece of curved, flat metal. Spud WrenchAnother tool which has fallen out of common use, this open-ended wrench had a spike on the opposing end which was used to line up the holes on pipes. It has since been made obsolete by the plumbers
wrench, although it can still be found in the occasional toolbox. Strap WrenchMost commonly seen in use for oil filter changing, these have a rubber, fabric, or metal band or chain that loops through a handle. This self-tightening tool works best on round objects that are too greasy or oily for a normal wrench to grip. Stubby WrenchReferred to as a
short body wrench in polite circles, this is a shorter version of a combination wrench, allowing it to fit into more confined spaces. Some newer versions also have a hinge along the handle to allow either end to be angled for even more precise use. Tap WrenchThis key fits the square drive of taps, which are used in cutting female threads (such as those
inside a nut). The shape of these wrenches may be either T-shaped or a double-handled bar with the attachment socket in the middle. Tension Wrench and are used
to apply tension while the pick does its job. If you've ever seen someone picking a lock in a movie or video game and wondered why they only moved one of the two tools, the stationary one is the tension wrench. Torx KeySometimes referred to as a star-headed key, this cousin of the hex key wrench is designed to fit into the star-shaped heads of certain
bolts and screws. While they can be purchased in the same L-shape as the average allen, you can also purchase these in a housed set that more closely resembles a swiss army knife than a wrench set. Tool used to provide grip and mechanical advantage "Spanner" redirects here. For other uses, see Wrench (disambiguation) and Spanner
(disambiguation). A set of metric spanners or wrenches, open at one end and box/ring at the other. These are commonly known as combination spanners or wrenches, open at one end and box/ring at the other. These are commonly known as combination spanners or wrenches, open at one end and box/ring at the other. These are commonly known as combination spanners or wrenches, open at one end and box/ring at the other.
Ireland, Australia, and New Zealand spanner is the standard term. The most common shapes are called open-ended spanner and ring spanner and ring spanner and ring spanner is the standard term. The most common shapes are called open-ended spanner and ring spanner and ring spanner is the standard term.
wrench is the standard term. The most common shapes are called open-end wrench and box-end wrench with a series of pins or tabs fit into the holes or notches cut into the object to be turned). In American commerce, such a wrench may be
called a spanner wrench to distinguish it from the British sense of spanner. Higher quality wrenches are typically made from chromium-vanadium alloy tool steels and are often drop-forged. They are frequently chrome-plated to resist corrosion and for ease of cleaning. Hinged tools, such as pliers or tongs, are not generally considered wrenches in
English, but exceptions are the plumber wrench (pipe wrench in British English) and Mole wrench (sometimes Mole grips in British English). The word can also be used in slang to describe an unexpected obstacle, for example, "He threw a spanner in the works" (in U.S. English, "monkey wrench"). Wheel-lock gun of Sigismund III Vasa: The original
spanner had a square hole for turning the shaft (r.) of the wheel, which tensioned the mainspring. See also External links. 'Wrench' is derived from Middle English wrench, from Old English wrench, from Proto-Germanic *wrankiz ("a turning, twisting"). The oldest recorded use dates to 1794.[2] 'Spanner' came into use in the 1630s, referring to the tool
for winding the spring of a wheel-lock firearm. From German Spanner (v.) ("to join, fasten, extend, connect"), from PIE root *(s)pen- ("to draw, stretch, spin").[3] Wrenches and applications using wrenches or devices that needed wrenches, such as pipe clamps and suits of armor, have been noted by
historians as far back as the 15th century. [4] Adjustable coach wrenches for the odd-sized nuts of wagon wheels were manufactured in England and exported to North America in the late eighteenth and early nineteenth century began to see patented wrenches that used a screw for narrowing and widening the jaws, including
patented monkey wrenches. Most box end wrenches are sold as '12-point wrenches are sold as '1
[5]ImageAmerican nameBritish nameDescriptionGroupopen-end wrench opening that grips two opposite faces of the bolt or nut. This wrench is often double-ended, with a different-sized opening at each end. The ends are generally oriented at an angle of around 15 degrees to the axis of the
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handle; it allows a greater range of movement in enclosed spaces by flipping the wrench.commonbox-end wrenchring spannerA one-piece wrench with an enclosed opening for use with nuts or bolt heads with a hexagonal shape. The twelve-point fits onto the fastening at twice as many angles, an advantage where swing is limited. Eight-point wrenches are also made for square-shaped nuts and bolt heads. Ring spanners are often double-ended and usually with offset handles to improve access to the nut or bolt.commoncombination wrencheombination spanners are often double-ended tool with one end being like an open-end wrench or open-end wrench or open-ended spanner, and the other end being like a box-end wrenchline wr It is similar to a box-end wrench but, instead of encircling the nut completely, it has a narrow opening just wide enough to allow the wrench to fit over the tube, and thick jaws to increase the contact area with the nut. It allows for maximum contact on plumbing nuts, which are typically softer metals and therefore more prone to damage from openended wrenches.commonratcheting box wrench, or by activating a reversing lever on the wrench, whose end section ratchets. Ratcheting can be reversed by flipping over the wrench, with the utility and quickness of use of a ratchet wrench. A variety of ratcheting mechanisms are used, from simple pawls to more complex captured rollers, with the latter being more compact and smoother, but also more expensive to manufacture. The one pictured also features a drift pin on the tail.commonflex-head socket wrenchSaltus wrenchSwivel head spannerSimilar in concept to a socket wrench. A Saltus wrench features a socket permanently affixed to a handle. Sockets are not interchangeable as with a socket wrench is part of a double-ended wrench, with an open-end type head on the opposite side from the socket head.commonspanner wrench or simply spanner [referring to any of these]; [when specifying pin vs hook vs C, the same terms are used as in British English]pin spanner head screws, threaded collars and retainer rings, shafts, and so on. Note the difference in the American and British senses of the word "spanners" are a subset of the class of tools called "wrenchslugger wrenchslugger with a block end to the handle specifically designed for use with a hammer, enabling one to impart great force. Used commonly with large fasteners, especially a nut and stud which both have index marks: the nut is screwed hand-tight, then further tightened with the striking wrench a known number of index marks calculated from the elasticity of the bolt or stud, thus giving precise torque (preload). Striking wrenches also provide shock and high force used to release large and/or stuck nuts and bolts; and when space does not allow room for a large wrench.commonadjustable end wrench Crescent wrenchadjustable spannershifting spannerwrenchThe most common type of adjustable wrench in use today. The adjustable end wrench in that the gripping faces of the jaws are displaced to a (typically) 15 degree angle relative to the tool's handle, a design feature that facilitates the wrench in that the gripping faces of the jaws are displaced to a (typically) 15 degree angle relative to the tool's handle, a design feature that facilitates the wrench in that the gripping faces of the jaws are displaced to a (typically) 15 degree angle relative to the tool's handle, a design feature that facilitates the wrench in that the gripping faces of the jaws are displaced to a (typically) 15 degree angle relative to the tool's handle, a design feature that facilitates the wrench in that the gripping faces of the jaws are displaced to a (typically) 15 degree angle relative to the tool's handle, a design feature that facilitates the wrench in that the gripping faces of the jaws are displaced to a (typically) 15 degree angle relative to the tool's handle, a design feature that facilitates the wrench in that the gripping faces of the jaws are displaced to a (typically) 15 degree angle relative to the tool's handle, a design feature that facilitates the wrench in that the gripping faces of the jaws are displaced to a (typically) 15 degree angle relative to the tool's handle, a design feature that facilitates the wrench in the properties of the jaws are displaced to a (typically) 15 degree angle relative to the tool's handle, a design feature that facilitates the wrench in the properties of the jaws are displaced to a (typically) 15 degree angle relative to the tool's handle, a design feature that facilitates the wrench in the properties of the jaws are displaced to a (typically) 15 degree angle relative to the tool's handle, a design feature that facelly 15 degree angle relative to the tool's handle, a design feature that facelly 15 degree and 15 degree angle relative to the tool's handle, a degree angle relative the tool's handle, a degree angle relative the tool's handle, a degree angle relative of Bahco. The common use of "Crescent wrench" to describe this design is derived from the Crescent brand, owned by Apex Brands, Inc. Apex Tool Group, LLC.adjustable wrench with a straightening.adjustable wrench with a straightening. handle and smooth jaws whose gripping faces are perpendicular to the handle.historicalpipe wrench pipe and pipe fittings. Sometimes known by the original patent holder's brand name as a "Stillson wrench".adjustable quick release jaws in many styles such as needle-nose pliers, wrenches, clamps and various shapes that can also be used to hold workpieces in place for welding or drilling. In British English known generically by its brand name Mole Wrenchadjustablesocket wrenchsocket wrenchsocket spannerA closed cylinder that fits over one end of a nut or bolt head. It may include a handle, if it does not then it is often just referred to as a socket and is usually used with various drive tools to make it a wrench or spanner such as a ratchet handle, a tee bar (sliding tommy bar) bar or a knuckle bar (single axis pivot). It generally has a six-point, eight-point or twelve-point recess, may be shallow or deep, and may have a built-in universal joint.socketclamp ratchet wrenchclamp ratchet spannerAn open-ended multi-size ratchet wrench. The ratcheting mechanism allows the nut to be clamped on or loosened with a reciprocating motion; flip the wrench to change the direction of the drive. The wrench typically will allow up to 3 non-metric sizes and 3 metric sizes adjustable breaker barbreak-over handleknuckle barjointed nut spinnerflex head nut spinnerPower BarThis tool is a long non-ratcheting bar that allows the user to impart considerable torque to fasteners, especially in cases where corrosion has resulted in a difficult-to-loosen part.socketcrowfoot wrenchcrow's foot wrenchcrow's foot to use the same drive sizes as socket wrenches, but non-cylindrical in shape. The ends are the same as those found on the open-end, box-end, or when the application precludes the use of a regular socket or wrenches are used when torque must be measured, or when the application precludes the use of a regular socket or wrenches. These wrenches are used when torque must be measured, or when the application precludes the use of a regular socket or wrenches. These wrenches are used when torque must be measured, or when the application precludes the use of a regular socket or wrenches. the wrenches are large, usually at a lower cost, or for when space and weight restrictions are critical.socket to be turned without removing it from the nut or bolt simply by cycling the handle backward and forward. (The photo shows both ratchet and to be done (many fasteners), ample room to swing the handle, ample access to the fastener heads, etc. Has less leverage than a conventional ratchet wrench drive tool that is employed to impart a precise amount of torque to a fastener, essential in many cases during the assembly of precision mechanisms.socketAllen wrenchAllen keyA wrench used to turn screw or bolt heads designed with a hexagonal socket (recess) to receive the wrench used to turn screw or bolt heads designed with a hexagonal socket (recess) to receive the wrench used to turn screw or bolt heads designed with a hexagonal socket (recess) to receive the wrench used to turn screw or bolt heads designed with a hexagonal socket (recess) to receive the wrench used to turn screw or bolt heads designed with a hexagonal socket (recess) to receive the wrench used to turn screw or bolt heads designed with a hexagonal socket (recess) to receive the wrench used to turn screw or bolt heads designed with a hexagonal socket (recess) to receive the wrench used to turn screw or bolt heads designed with a hexagonal socket (recess) to receive the wrench used to turn screw or bolt heads designed with a hexagonal socket (recess) to receive the wrench used to turn screw or bolt heads designed with a hexagonal socket (recess) to receive the wrench used to turn screw or bolt heads designed with a hexagonal screw or bolt hexagon toothed gear. Not a common design, it is chiefly used on small set screws.keysTorx wrenchTorx keyAn internal socket-head screw design. The cross-section resembles a star. Commonly used in automobiles, automated equipment, and computer components as it is resistant to wrench cam-out and so suitable for use in the types of powered tools used in production-line assembly keysalligator wrench? A formerly common type of wrench that was popular with mechanics, factory workers, and farmers for maintenance, repair and operations tasks in the days when fasteners often had square rather than hex heads. The wrench's shape suggests the open mouth of an alligator wrench that was popular with mechanics, factory workers, and farmers for maintenance, repair and operations tasks in the days when fasteners often had square rather than hex heads. spannerA thin open-end wrench used to fit narrow wrench flats of adjustable bearing bicycle hubs. Called a "cone" wrench because it fits wrench flats of the cone section of a "cup and cone" hub, this tool is also used with some other adjustable hub bearings. The wrench is very thin so has little strength; to compensate, cone wrenches typically have a large head. Most bicycle front hubs use a 13mm; most rears use 15mm. Similar designs are used for bicycle pedalsspecialtydie-stockdie wrench[7]die stockdie holderA double-handled wrench for turning the dies used in threading operations (cutting the male threads such as on a bolt).specialtydrum key lug wrench drum wrenchdrum keyA small, square-head socket wrench used on drum (percussion musical instrument) tuning lugs and fasteners. This key is often interchangeable with radiator bleed keys.specialtytube wrenchshower valve socket wrenchtubular box wrenchbox spanner A tube with six-sided sockets on both ends, turned with a short length of rod (tommy bar or T bar) inserted through two holes in the middle of the tube. The length of the tube can accommodate long shafts such as with tap/faucet fixings. Double-ended versions (pictured left) are most common, catering for two hex sizes. Spark plug spanners are often of this type.commondrum wrench bung wrench? A tool commonly used to open bungs on large 55-gallon drums (cylindrical containers). specialtyfire hydrant wrench (hose connection)? The hose connection)? A pentagonal (five-sided) box wrench. The unusual shape of the lug makes the valve tamper-resistant: with the opposite faces nonparallel, unauthorized opening of the hydrant is more difficult without a suitable tool.specialtycurb keyToby keyA wrench for opening and closing valves on municipal water pipes (often at the curb [kerb], hence the name). The valve usually has a rectangular lug and is set deep into the ground, requiring the key.specialtygolf shoe spike wrench? A T-handle wrench with a circular hole and two inward protruding pins to engage slots in the nut. This type of nut is used on bicycles to secure the front fork pivot bearing to the headpiece of the frame.specialty4-way lug wrench wheel lug cross wrench cross rim wrench spider wrenchwheel brace tyre spannerA socket wrench used to turn lug nuts on automobile wheels.specialtyrigger-jiggerAn offset 10mm/13mm spanner used in attaching riggers to rowing boats to allow users to keep grip when flush with boat, originally designed by Henri Tengvall for Sons of the Thames Rowing Club in 1991. specialtybasin wrenchsink wrenchbasin wrenchsink wrenchbasin wrenchsink wrenchbasin wrench mounted at the end of a shaft with a transverse handle at the opposite end. Used to tighten or loosen fasteners located in recesses. specialty dogbone wrenchdumbbell spanner for multiple sizes, historically used as a cheap DIY tool for bicycles when they used nuts or bolts, rather than the more modern allen bolt fittings specialty spoke wrench nipple wrench spoke keyA wrench with a clearance slot for a wire wheel spoke such as on a bicycle wheel and a drive head for the adjustment nipple nut. The handle is offset to make the wrench more convenient to grip, and the handle is short to fit between spokes, allowing the wrench more convenient to grip, and the handle is short to fit between spokes, allowing the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the handle is short to fit between spokes, allowing the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the handle is offset to make the wrench more convenient to grip, and the wrench more convenient to grip and the wr normal wrench at one end and a tapered drift pin at the other, used for lining up bolt holes, typically when mating two structural steel beams, or the flanges on two segments of steel pipe. Specialtychain whipA self-tightening wrench that engages the teeth of a chain drive sprocket, and used typically to remove bicycle cogsets. Similar to a strap wrench, but uses positive engagement rather than friction, and so needs to grab only one end of the chain specialtystrap wrenchoil-filter wrenchchain wrench objects (such as automotive oil filters). It relies entirely on friction between the strap or chain and the object to be manipulated. Similar to a drive chain have extended pegs which fit into grooves in the front of the handle, with one end of the chain attached permanently to the handle. It is used in situations where pipe wrenches cannot maintain a proper grip on an object such as a wet or oily pipe. Larger versions of chain wrenches are sometimes known as "bull tongs" and are used with large diameter pipe such as is used deep wells. specialty tap wrenchtap handle T-handle tap wrench doublehandled wrench for turning the square drive on taps used in threading operations (cutting the female threads such as within a nut) or a precision reamer specialtytappet wrench? A spanner of small to moderate size constructed similarly to an open-ended wrench, but with a thinner cross-section. Its purpose is to apply torque to the fasteners found on the valve trains of older engines, especially automobile engines, where the valve train required adjustment of the tappets (also known as lifters). Tappets, push rods, rocker arms and similar adjustment of the is contiguous to the lock nut, thus requiring a thinner "tappet wrench" to be used.specialtytuning wrenchtuning "T" hammer piano tuning leverA socket wrench used to tune some stringed musical instruments. Similar, and in some cases identical to drum tuning keys, but often provide greater torque due to the higher tension of strings.specialtywing wrenchtuning "T" hammer piano tuning leverA socket wrench used to tune some stringed musical instruments. nut wrenchA tool specifically for use with wing nuts, allowing the application of greater torque than is possible by hand. It is a "hand saver" more than anything else.specialtygraduated wrench[citation needed]?An adjustable wrench with a small number (usually 24) of discrete sizes. It is sometimes used as an inexpensive substitute for a monkey wrench, power the wrench, power wrench, p wrench that delivers quick, repeated impulses of torque, Typically powered by air, but can also be electric. Like other wrenches which deliver a large amount of torque, impact with the large amount of torque, impact which impact we will be a large amount risk is one of the reasons they are often found in professional auto repair shops, but not among do-it-yourselfers tools. They are etically similar in function to wrenches. American nameBritish nameBescription Groupchuck key a key used to tighten or loosen a chuck. [8] household/industrial church key, church key, bottle opener key used to open the lids of paint cans Its upturned edge helps to apply a levering motion to the crimped lip of the can lid.householdsillcock key, loose key, tap key used to open or close sillcock valves. Many are designed the same way as a spider-type lug wrench, with four common sizes (one on each end) built into one portable tool.householdwindow crankwindow crankA socket-like key slipped over the splined shaft that operates the opening and closing of some types of window.householdsardine can keysardine tin key and the lid is wound onto the key, tearing it away from the can.householddental keydental keyA key formerly used in dentistry for leverage in pulling teethhistoricalList of screw drivesWidth across flats reviewed 20 April 2010. "wrench | Etymology, origin and meaning of wrench by etymonline". Online Etymology Dictionary. Retrieved 7 February 2023. "spanner (n.)". Online Etymology Dictionary. Archived from the original on 17 November 2019. Retrieved 17 November 2019. Archived from the Lumberman, Joiner and Cabinet-Maker, 1928, reprint Courier Corporation - 2013, pages 271-272^ "Undoing stripped nuts with 6 point wrenches |". rtstools.com. 22 September 2017. Archived from the original on 30 September 2016. Retrieved 30 September 2016. Retrieved 11 November 2016. Retrieved 11 November 2016. Retrieved 30 September 2017. Archived from the original on 5 November 2016. Retrieved 30 September 2017. Archived from the original on 5 November 2017. Archived from the original on 5 November 2016. original on 9 October 2016. Retrieved 10 October 2016. Retrieved 13 April 2016. "World Wide Words: Church key". World Wide Words: Church key". World Wide Words. Archived from the original on 24 November 2020. Retrieved 13 April 2016. The dictionary definition of wrench at Wiktionary Theorem 4.0 April 2016. The dictionary Theorem dictionary definition of spanner at Wiktionary Media related to Wrench at Wikimedia CommonsSpanner for Nuremberg hunting wheel-lock pistol c1610 with matching powder flask and built-in key (half-way down page)Spanner jaw size table. Conversion chart Whitworth/BSF/AF and metric spanner and thread sizesER Type Hook WrenchesRetrieved from " are literally dozens of different wrench types out there. Some you might use every day, but others are only used in specific trades. The following are a sample of whats available, chosen to show just how widely used wrenches actually are. See Also: 20 Types of Saws24 Types of Wrenches1. Combination WrenchPerhaps the most common type of wrench in its class (and one of the most useful in general), the combination wrench has a box end on one side and an open end on the other. The box end fits both hex and square nuts and is usually used to loosen a tough nut. The open end is used to remove or fasten nuts quickly, as it can be removed and replaced easily at the end of each turn arc.2. Open-Ended WrenchThe namesake for this category of wrenches, an open-ended wrench has a U-shaped head at either end of the shaft. These heads have a slightly offset opening facing opposite directions, with the two heads being different sizes. Open-ended wrenches are one of the most common sets found in a tool box and need less clearance than box wrenches. The downside is that theyre more likely to strip the edges of a bolt than their close-ended cousins. 3. Ratcheting WrenchThis special combination wrench has a ratcheting mechanism in at least one end. They most commonly have a box and open end, but may also have two box ends. Having a ratchet eliminates the need to remove this tool isnt the same as the similarly named ratchet wrench. Adjustable WrenchMore commonly referred to as a Crescent wrench, these tools are essential for most toolboxes and utility drawers. You can adjust the jaw width by turning a built-in screw at the base of the head. This lets it take the place of an entire set of combination wrenches at the cost of a wider head and body. 5. Pipe WrenchThis heavy-duty open wrench has an F-shaped design. The head adjusts using a screw in the same way as a crescent wrench. The serrated jaws allow plumbers to work with fixtures that may be rusted or otherwise stuck. However, these teeth can damage chrome finishes and thus arent well-suited for visible fixtures. 6. Allen Wrench/Hex KeyPerhaps the most famous key wrench, an Allen wrench is a hexagonal bar bent into an L-shape. Sometimes referred to as a hex key due to the shape, the male ends slot into holes on screws and similar fasteners. For this reason, Allen wrenches often find themselves mixed in with the screwdrivers when stored. What makes hex screws so darn useful is the fact that children cant just grab a penny and unscrew the furniture when youre not looking. Another advantage is the L-shape. You can insert the long end, wrap a finger around the short end into the slot and turn the long end, giving you superior torque for those extra-tight screws. Allen wrenches come in either SAE or metric sizes, so theres less guesswork on which size will function when youre working with an SAE fastener and Imperial key (or vice-versa).7. Torx WrenchThese star-shaped key wrenches function in the same way as Allen wrenches. While Torx bolts and screws arent as commonly used as hex-headed fasteners, the more complicated shape makes them popular where security is a priority. Torx wrenches may be purchased separately or in flip-out sets that resemble a Swiss army knife. 8. Box WrenchThe box wrench has an enclosed loop at either end. The box wrench has a different sized box, and the boxes may be even with the handle or offset vertically to give more turning clearance. While better-suited for their superior torque, box wrenches need to vertically to give more turning clearance. While better-suited for their superior torque, box wrenches need to vertically to give more turning clearance. While better-suited for their superior torque, box wrenches need to vertically to give more turning clearance. While better-suited for their superior torque, box wrenches need to vertically clear a bolt head each time the turn arc is reached before it can be readjusted. 9. Torque WrenchThis special type of socket wrenches need to vertically clear a bolt head each time the turn arc is reached before it can be readjusted. 9. Torque WrenchThis special type of socket wrenches need to vertically clear a bolt head each time the turn arc is reached before it can be readjusted. 9. Torque WrenchThis special type of socket wrenches need to vertically clear a bolt head each time the turn arc is reached before it can be readjusted. 9. Torque WrenchThis special type of socket wrenches need to vertically clear a bolt head each time the turn arc is reached before it can be readjusted. 9. Torque WrenchThis special type of socket wrenches need to vertically clear a bolt head each time the turn arc is reached before it can be readjusted. 9. Torque WrenchThis special type of socket wrenches need to vertically clear a bolt head each time the turn arc is reached before it can be readjusted. 9. Torque WrenchThis special type of socket wrenches need to vertically clear a bolt head each time the turn arc is reached before it can be readjusted. 9. Torque WrenchThis special type of socket wrenches need to vertically clear a bolt head each time the turn arc is reached before it can be readjusted. 9. Torque WrenchThis special type of socket wrenches need to vertically clear a bolt head each time the turn arc is reached by the turn arc is reached to the turn arc is reached to the turn arc is reached to the turn arc is reach setting. You can buy a number of different kinds, including digital and manual. Theyre most often used for tightening lug nuts and have more accuracy than torque sticks. However, the ability to set max torque means this wrench is useful in a wide range of tasks where overtightening is a concern. 10. Impact WrenchThese air (or battery powered) wrenches look a lot like a cordless drill. It uses compressed air to deliver high torque, making it great for difficult-to-loosen lug nuts on anything from cars to dump trucks. While it has the same power as (but is safer than) a breaker bar, the lack of precision means these powered tools have more limited use and may need to be followed up with a manual tool or torque wrench.11. Lug WrenchPerhaps known best as a tire iron, this tool is either L-shaped with one sockets of different sizes. Lug wrenches with one sockets of different sizes. Lug wrenches with one socket on the short end or X-shaped with three to four sockets of different sizes. Lug wrenches with one socket on the short end or X-shaped with three to four sockets of different sizes. The wedge-shaped end may be used for popping off hubcaps or similar tasks. These tools are usually kept with a cars spare tire for easy emergency access. 12. Stubby WrenchThis variation of a combination wrench gets its name from the shorter shaft design. This allows it to fit into tighter spaces than a full-length wrench. Many stubby wrenches also have hinged heads, allowing you to angle them for an even better fit. 13. Pliers WrenchThis is another form of common adjustable wrench. The jaws of a plier wrench are at an angle and are each attached to one handle. The handles are connected by a bolt which may be locked in place along one or more points in a slot. This allows the jaws to be set at different widths. The tool is then held like a pair of pliers, hence the name.14. Armorers WrenchDespite being called and armorers wrench, this tool i actually used for gin repair. The C-shaped serrated head and usually either a square-slotted end or a hole for attaching a ratchet handle. These tools are usually sized for specific types or models of gun and vary greatly in design. 15. Flare Nut Wrench (also called a line wrench) is a variation of an open-ended wrench takes the box design and removes a portion just wide enough to fit around a tube or thin pipe. Theyre useful for fittings under sinks and other places where the nut cannot be accessed by a closed socket and may be too fragile for a normal open head.16. Plumbers WrenchA variation of the pliers wrench, the plumbers wrench adds a spring or worm wheel between the handles for better control. The head is shaped to better fit hexagonal nuts. Many plumbers almost exclusively use this tool, which works great on pipe joints and other fixtures.17. Drum KeyThis Tshaped key has a square female socket and flattened handles. The keys may have longer or shorter handles, depending on the mount of torque needed. They get their name because these keys are used to tune percussion instruments, such as drums and cymbals. 18. Tap WrenchThis specialty wrench may be either a straight socketed handle or a Tshape. The socket fits square tap attachments while the T-shape has a built-in adapter to directly connect bits. These wrenches are designed to aid in threading the inside of nuts and other fittings using a tap. They can also be used in conjunction with any square-shanked bits, allowing it to serve as a drill, screwdriver, or reamer. 19. Socket WrenchThe socket wrench, more commonly referred to as a ratchet, is actually a handle with a male adapter that is inserted into various size sockets. They are known as ratcheting wrenches due to the integrated mechanism. When a full arc is reaches, you simply turn the wrench back to the starting point without having to remove it from the bolt. The ratcheting wrenches due to the integrated mechanism. mechanism in many models can be reversed depending upon whether you wish to tighten or loosen the fastener. 20. Spark Plug WrenchThis specialty double-ended socket is used to unscrew spark plugs. It generally requires a T-bar handle but may also be included as part of a socket set. Despite their limited use, these tools may be found at any location that deals with engine repair.21. Garbage Disposal WrenchAt first glance, this tool looks like an anchor, with the flat U-shaped head and T-handle. However, the head is on a pivot and is specifically designed for handling the large nuts which help secure the disposal. The tool may also be used to dislodge clogs in the cutter head. Note that another form of garbage disposal wrench is also available which resemble a giant Allen wrench. Some resemble a giant Allen wrench is also available which resemble a small open-ended wrench, but most tend to look more like a little ashtray with a hole in the bottom. This wrench fits over the nipple nut on a bike wheel with the spokes slotting into the grooves around the perimeter of the wrench.23. Strap WrenchThis tool takes a handle similarly shaped to a pipe wrench and uses an adjustable strap instead of a head. This strap may be made from a variety of materials and is most often used for changing oil filters. The strap self-tightens. Allowing a firmer grip on the often greasy surface.24. Tension WrenchLooking more like a pair of tweezers than a wrench, this is a crucial piece of equipment for lock-picking. To pick a barrel lock, you need a stationary tool to create tension and another for manipulating the barrels. The tension wrench springs open once inserted, creating a stationary tension point thats more stable than a homemade tension pick. This post may contains affiliate links. If you click and buy we may make a commission, at no additional charge to you. Please see our disclosure policy for more details. Wrenches fasten a nut and bolt joint. These are also called spanners. Wrenches are made of chromium-vanadium alloy, which does not let it rust. There are several kinds of wrenches, each serving either a unique or varied purpose. The wrenches are of many types, but you will need just a handful of them. Most of the wrenches are versatile, serving varied purposes. The others, however, can be used for a single purpose only. Therefore, it pays to have the working knowledge of the standard wrenches that are available. View Price and Buy on Amazon As the name says, the open-ended wrench has open ends on both sides. Both the openings are in the shape of a U and not of the same size. You will be using this wrench when dealing with nuts and bolts that are not easily accessible. The open-ended wrench makes it easy to turn nuts and bolts. View Price and Buy on Amazon The adjustable wrench features an open end with a fixed spiral screw. It opens or closes the crescent when you turn it. These are some of the commonly available wrenches available, and it is also known as the crescent wrench. The adjustable wrench can perform the essential functions of a whole combination set or a set of open-ended wrenches. The only drawback of this wrench is that since it is thicker, it needs more space. Also Read: DIY Adjustable Monitor Stand: Simple and Functional Riser View Price and Buy on Amazon The box-ended wrench is fixed or open-ended. It has a box or a closed circle shape instead of an opening in the form of a crescent. The box-ended wrench in tight spaces with insufficient clearance to slide the wrench on the nut. You will have to carry the complete set of these wrenches since you cannot adjust the size of the wrench finds use in tightening or loosening the fasteners. View Price and Buy on Amazon The die-stock holder wrench is double-handed, allowing you to hold the die in its center using screws to tighten them. The wrench creates a thread on the holts. It finds use in threading operations. Also Read: DIY Mail Holder Project View Price and Buy on Amazon The dog bone wrench has a shape that resembles a dog bone. It is also called the dumbbell wrench. The wrench has two box ends and has many socket sizes. The wrench is used to maintain and repair cycles. However, since it sets in various nuts and bolts, you can use this everywhere. View Price and Buy on Amazon A drum key is a special purpose wrench used to turn a drum or a percussion instrument. It has a flat handle and a square-shaped socket that fits precisely into the head of the nut and bolt. Drum keys with a long handle offer more torque than those with a shorter handle. You can quickly identify the drum key with its T-shape. View Price and Buy on Amazon As the name suggests, the fan clutch wrench is used to remove the fan clutch wrench is used to remove the fan clutch wrench has a U-shaped head and an attached handle. The kit contains different sizes of wrench. The wrenches will have a square opening towards the end to open the hexagonal-shaped nut and bolt. The other end is used for a fire hydrant. You cannot use this wrench for any other purpose. The wrench has a five-sided head. A long handle is attached that offers it torque. You can adjust the handle to let it perform the desired action. The wrench is used to open the hydrant cap and the valves of the hydrant. View Price and Buy on Amazon The torque wrench regulates and automobiles. The torque wrench is available in varied types. Make sure to follow the torque mechanism of every vehicle because excess torque can damage the thread. View Price and Buy on Amazon A ratcheting wrench is like a combination wrench but with a ratcheting device inside one of its ends. It loosens the nut or the bolt without readjusting or removing the wrench. The ratcheting wrench is ideal if you wish to work in a compact area. View Price and Buy on Amazon A combination wrench is a combination of an open and a box end wrench. You enjoy the versatility that the open-end wrench is a combination of an open and a box end buy on Amazon A combination wrench is a combination of an open and a box end wrench is a combination of an open and a box end wrench is a combination wrench is a combination of an open and a box end wrench is a combination wrench is a combination of an open and a box end wrench is a combination wrench is a combination of an open and a box end wrench is a combination wrench is a combination of an open and a box end wrench is a combination wrench is a combination wrench is a combination of an open and a box end wrench is a combination wrench is a combination wrench is a combination of an open and a box end wrench is a combination wrench is a combination wrench is a combination of an open and a box end wrench is a combination when the combination wrench is a combination wrench is a combination wrench is a combination when the combination wrench is a combination when the combination will be a combination when the combination will be a combination when the combination will be a combi use the combination wrench to loosen a difficult nut with the closed-end and then remove the nut with the open end, thus making your task easy and quick. View Price and Buy on Amazon The Allen wrench is shaped like an alligators mouth and thus gets this name. You will notice teeth on the inner upper jaw of its head, and the bottom jaw of this wrench is plain. The wrench finds use in handling square heads of nuts and bolts. It was widely used in agriculture and the automobile industries. However, these are not commonly used today and have been replaced by hexagonal shaped heads. View Price and Buy on Amazon The crowfoot wrench has a crescent head but does not feature a handle. Instead, it is connected to a ratchet socket extension which lets you fix the wrench in complex places with compact space. You will use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame frame. You can use this wrench to handle bolts found in difficult areas like, say, in a machine frame fra The Armorer wrench is a special kind of wrench with a C-shaped opening on its one side, which has teeth that grip the nuts and the bolts easily. This wrench finds use to tighten the nuts and the bolts easily. This wrench in various shapes and sizes designed as per the rifle or gun. View Price and Buy on Amazon The pipe wrench is designed to grip itself around a pipe. It features a slack through which the pipe fits. It has angled teeth that bite into the tube to quickly latch on, enabling you to get the tightening swiftly done. The wrench rotates one side freely and then gets locked into the pipe when you turn the wrench on the opposite side. You can use this wrench which functions with an air compressor. The other is a cordless impact wrench which works with the help of batteries. The impact wrench is also called an air wrench or air gun. These find use in auto repair shops where the mechanic has to work hard to remove nuts and bolts. The impact wrench applies a high torque and unscrews the bolts. The impact wrench is not ideal for general use, as it can damage the nut and bolt thread. View Price and Buy on Amazon If you wish to fix the areas under the sink, toilet, or basin, you will need the basin wrench. The jaw of this wrench has teeth that help to achieve a better grip. There is a transverse handle on the other end. The wrench is also known as the faucet wrench. It is similar to an open-ended wrench but with a wider opening. The wrench is made to fit across a tube that can grip the nuts and the bolts. The wench is used for boat and bicycle pedals. These are used primarily for this purpose. The wrench has either one or two U-shaped openings, and it features a handle. View Price and Buy on Amazon The plumber wrench has jaws designed to grip the hexagonal bolts and nut fittings. It is used to work on fittings and pipes in plumbing. You can adjust the jaws according to the size of the fitting or the tube. View Price and Buy on Amazon The spark plug wrench is used to tighten and loosen the spark plug. The wrench is done. View Price and Buy on Amazon The spoke wrench is used to repair or maintain the bicycle spokes. You can see them in any bicycle shop. These are tiny and have slits toward the end that can easily fit around the spoke to tighten or loosen them. The wrench is compact and can rotate at 360 degrees without having to remove it. View Price and Buy on Amazon The strap wrench has a leather or strap attached to the handle that can tighten by itself. It is used to grip any smooth or cylindrical object which is hard to hold with a standard wrench is also used for greasy and oily things. View Price and Buy on Amazon A cone wrench is also used for greasy and oily things. View Price and Buy on Amazon A cone wrench is also used for greasy and oily things. bicycles and to adjust the leveling feet of any washing machine. View Price and Buy on Amazon The oil filter wrench is used in the automobile industry to remove the cylindrical oil filter. There are four different types used depending on the cars brand. The wrench is either a chain or a strap type that uses a loop to wrap through its filter casing. Wrenches are an everyday tool, and most of the time, we grab one without thinking. However, it is interesting to know that there are various wrenches, many of which are for a specific task only. Wrenches could be either male or female. The male wrench inserts like a screwdriver head. The female wrench has a socket that fits over or around the object that you are turning. Both of them tighten bolts and nuts and even the mechanic casings and caps. Though wrench sets do not find use in every DIY project, it does pay to have at least a few multipurpose wrenches to drive in the lagging screws. The best is to get a combination of a few adjustable wrench varieties along with a few specialty wrenches that you may need for your business.

Wrenches types. Different types of wrenches. Names of wrenches. How many types of wrenches are there. Names of different types of wrenches.

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