



NIL-Tech
37-Piece
Pencil Set
Guide

Pencil Set

Different types of tools in one case, our sketching kit, helps you create variations of art work the easy way. set is perfect for use at home, school and office. Do drawings, sketching and complete art projects. artist's and student's use. Take pencil set wherever you go.

Pencil set includes:

- 12 Premium Graphite Pencils - 5H, 4H, 3H, 2H, HB, B, 2B, 3B, 4B, 5B, 6B, 8B
- 1 Ultra Soft Graphite Woodless Pencil- 6B
- 3 Charcoal Pencils - Hard, Medium, Soft
- 3 Graphite Sticks- Hard, Medium, Soft
- 1 Kneaded Eraser for Charcoal Pencils
- 1 White Vinyl Eraser for Graphite Pencils
- 1 Mechanical Pencil
- 1 2B 0.7 Mechanical Pencil Lead Refill
- 1 Full Metal Double Hole Sharpener for Graphite Pencils
- 1 Black Sharpener for Charcoal Pencils
- 3 Blending Stumps
- 1 Sandpaper Pointer
- 1 Pencil Extender
- 1 Zipper Case
- 1 Knife

“H” pencils

Hard (“H”) Pencils Pencils labeled “H” have hard graphite. (You could say the “H” stands for “hard.”) A hard lead doesn’t like to draw. The harder the lead, the lighter the line. The higher the number preceding the “H,” the harder the graphite. A 2H pencil is harder than an HB (our old yellow buddy), but not as hard as a 4H. By the time you reach 6H, you have a very vengeful pencil indeed—it can actually indent the paper if you push too hard. Despite your best efforts to erase, its marks will remain scored on your paper.



Pencil

5H, 4H, 3H, 2H

DESCRIPTION

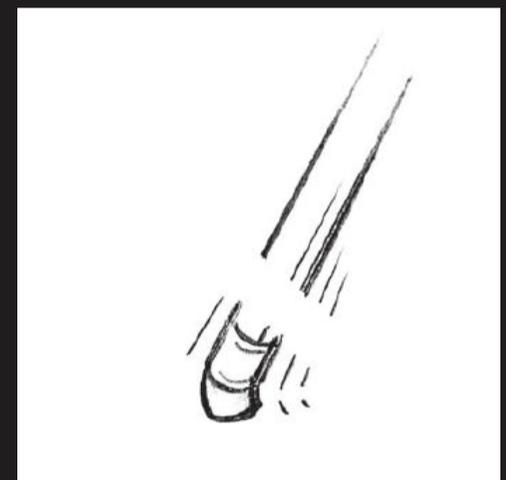
You might consider avoiding these harder pencils altogether, but they can be useful when working with certain types of paper. For instance, harder leads take well to Clearprint or other drafting papers.

You might use 2H pencils to do some of the lightest shading on your drawing before moving on to an HB and the darker leads. They can be used for any subject but require a very gentle hand.



Avoid Using the Eraser at the End of Your Pencil

Never use the eraser at the end of a pencil. It may smear pencil lines and stain the paper.



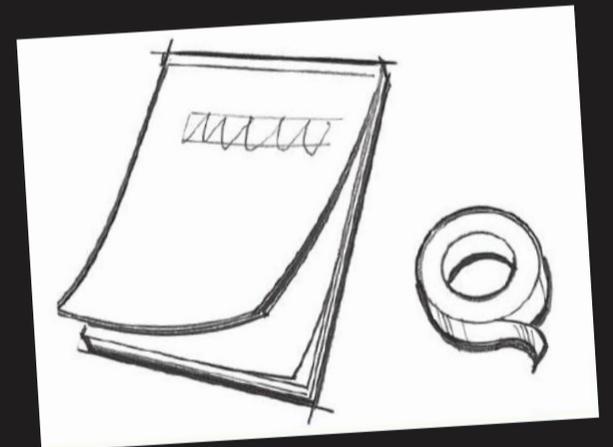
“HB” pencil

The grade of lead, actually graphite, is called “HB.” Don’t ask me why—maybe those were the initials of the inventor’s mom. It’s a nice, middle-of-the-road pencil to draw with.



Tracing Paper and Masking Tape

Use tracing paper to make a more refined sketch. Put the previous sketch under the top sheet of tracing paper. Use masking tape to secure the sheets of paper to each other, then carefully trace the desired elements of the image onto the tracing paper



Pencil

HB

DESCRIPTION

The European scale was coined by Koh-i-Noor Hardtmuth in the Czech Republic. The company’s founder Joseph Hardtmuth invented a way to combine powdered graphite with clay and form it into sticks to go inside a pencil. By varying the mixture of clay and graphite, it was discovered that you could change how dark or light a mark would be. The Hardtmuth company designated names for their blends of graphite inside the pencil: HB (named for Hardtmuth and Budějovice - also known as Budweis) and F (named for Franz Hardtmuth, who the company credits with developing the process for creating gradation). Later this was adapted into the European scale we know today, with H standing for “hard” and B standing for “bold” and that F still arbitrarily hanging out between H and HB.

“B” pencils

“B” - Leads are smooth to write and draw with. They smudge easily, but are readily erased. They’re perfect for pencil drawings as artists can take advantage of the brush-like expressions, especially in the higher B grades.



Pencil

B, 2B, 3B, 4B, 5B, 6B, 8B

DESCRIPTION

Soft (“B”) Pencils “B” pencils contain softer graphite that results in a darker line. (“B” could stand for “bold.”) The higher the number, the darker the line. A 2B pencil is darker than an HB, but not as dark as a 6B. Soft pencils are nicer to your paper, but they, too, have a nasty side: They don’t want to leave. If you dive into a major 6B scribble and then decide to erase it, there will always be a faint reminder of your original scribble on your drawing.



Identifying Your Pencils

To avoid having to search and squint to read the markings on the sides of your pencils, label the pencil ends with nail polish or colored tape. Place the nail polish or tape toward the top of the pencil, but avoid covering the rating stamp or placing it where the pencil extender would cover it. Then Sharpen the Core With a Sandpaper Pad



Mechanical Pencil

Mechanical pencil or propelling pencil, also clutch pencil, is a pencil with a replaceable and mechanically extendable solid pigment core called a "lead". The lead, often made of graphite, is not bonded to the outer casing, and can be mechanically extended as its point is worn away as it is being used.



Mechanical Pencil

Mechanical Pencil

DESCRIPTION

Mechanical pencils are used to provide lines of constant width without sharpening in technical drawing and in quick, neat writing. They have also been used for fine-art drawing. Since they do not have to be sharpened, they are also very popular with students.



Smudge-free Art!

Tired of having smudge marks appear on your artwork and your hands? Simply wear a glove on your hand and it protects both. Wear of one hand or both but when they show the smudge marks, its time to change.



2B 0.7 Lead/Graphite Refill

In spite of the name, pencil leads do not contain the toxic chemical element lead, but are typically made with graphite and clay, or plastic polymers. Compared to standard pencils, mechanical pencils have a smaller range of marking types, though numerous variations exist.



Lead Refills

2B 0.7 Mechanical Pencil Lead/Graphite Refill

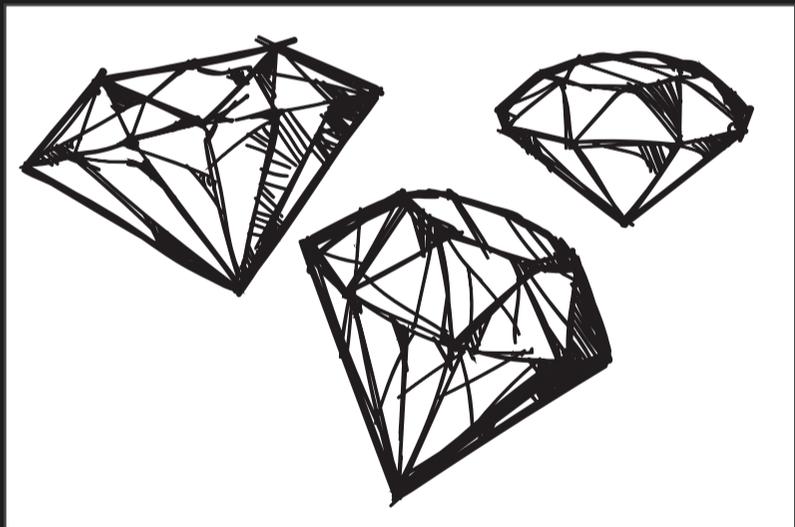
DESCRIPTION

Different sizes of lead diameters are available to accommodate various preferences and pencil builds. The more common lead sizes are 0.5 mm and 0.7 mm, whose line widths provide a favourable balance between precision and strength.



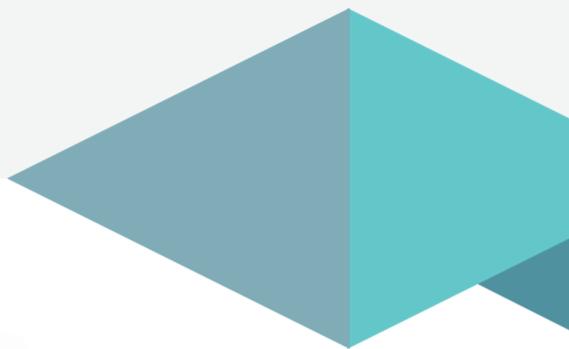
Look For Basic Shapes

Everything in the world can be simplified into basic shapes. When you are studying your subject, try to pick out the basic shapes that make up the overall shape. Usually these shapes are pretty easy to draw. Draw the shapes then draw the outlines. This tip will help you with your speed as well.)



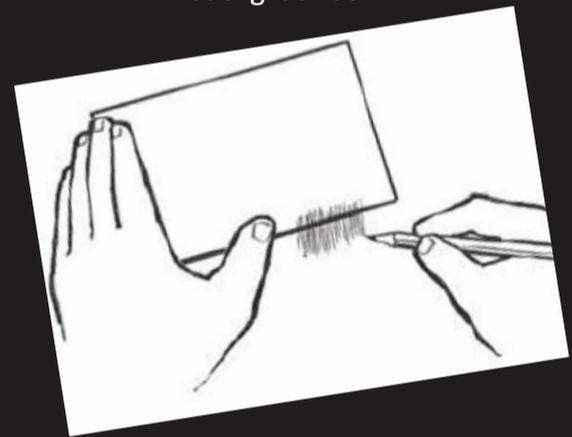
Charcoal Pencils

Charcoal - is used much the same way as a pencil. It's a tool for drawing, shading and blending, but there is something psychologically different about using charcoal drawing. It lets you get more expressive and work larger without getting stuck in details. Charcoal sticks especially can force you to focus on large shapes and general contours because of their blunt ends.



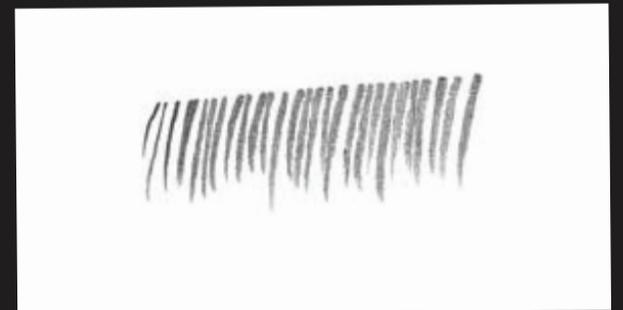
Using a Frisket

A piece of paper can be used as a frisket to make an even edge for a set of pencil lines. This is also a great technique to use if you want to create a clean margin for your drawing. This method also works well for backgrounds.



Cover the Drawing

Place a piece of scrap or copier paper over your drawing. Start the line strokes on the scrap paper and continue onto the drawing paper.



Lift the Frisket

Lift your frisket away. The pencil lines should look as if they start from one invisible line.

Charcoal Pencils

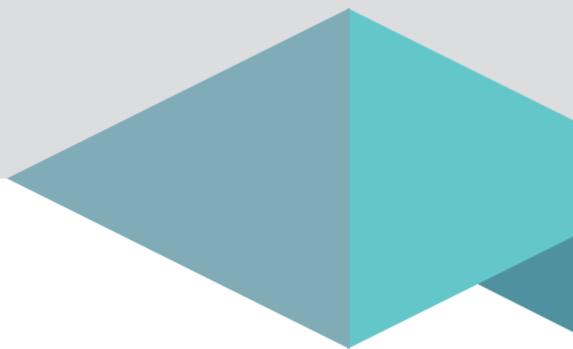
Hard, Medium, Soft

DESCRIPTION

Charcoal pencils consist of compressed charcoal enclosed in a jacket of wood. Designed to be similar to graphite pencils while maintaining most of the properties of charcoal, they are often used for fine and crisp detailed drawings, while keeping the user's hand from being marked

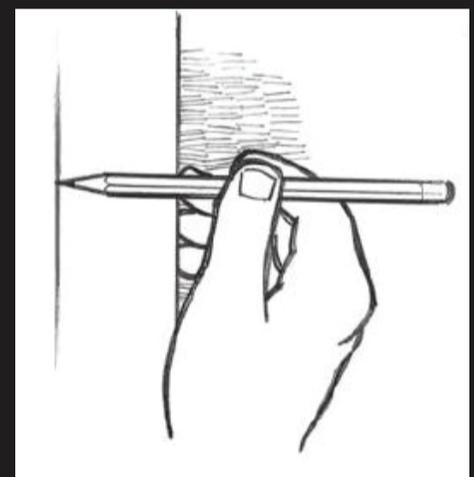
Graphite Sticks

Graphite sticks are often used when drawing large illustrations, portraits, still lifes and landscapes. Because of their broad sides, they can capture shadows and planes easily for a gesture drawing. They can quickly be used for shading and laying out a composition. It isn't too hard just to make a flat shape with these graphite sticks. They are available in different grades and sizes.



Get It Straight

Straight lines can be drawn using a straightedge or ruler. Another method is to place the side of the hand holding your pencil against the edge of your drawing surface, then glide your hand along the edge.



Graphite Sticks

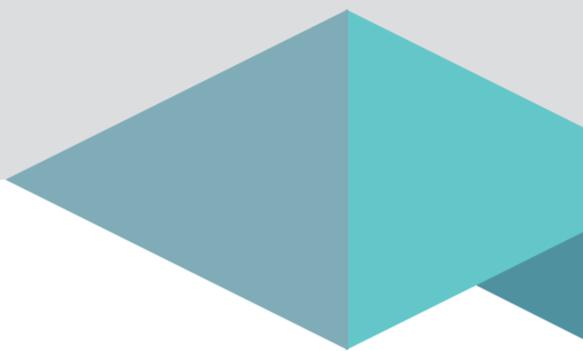
Hard, Medium, Soft

DESCRIPTION

Graphite Sticks in soft, medium and hard grades for shading and drawing larger areas.

Charcoal Sticks

Artists' charcoal is a form of dry art medium made of finely ground organic materials that are held together by a gum or wax binder or produced without the use of binders by eliminating the oxygen inside the material during the production process. These charcoals are often used by artists for their versatile properties, such as the rough texture that leaves marks less permanent than other art media. Charcoal can produce lines that are very light or intensely black, while being easily removable, yet vulnerable to leaving stains on paper. The dry medium can be applied to almost any surface from smooth to very coarse. Fixatives are often used with charcoal drawings to solidify the position to prevent erasing or rubbing off of charcoal dusts.



Charcoal Sticks

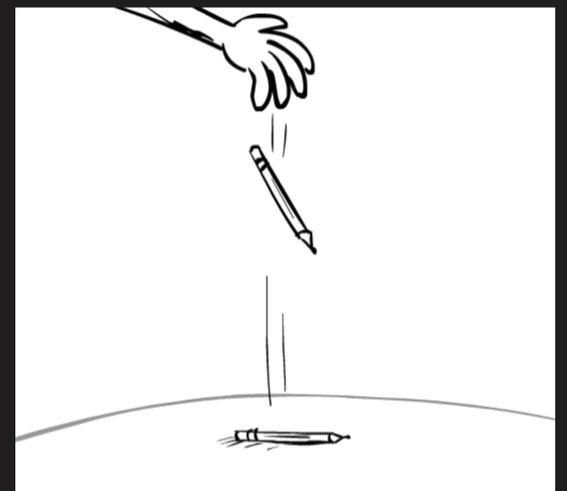
Hard, Medium, Soft

DESCRIPTION

Charcoal Sticks is shaped into a block or a stick. Intensity of the shade is determined by hardness. The amount of gum or wax binders used during the production process affects the hardness, softer producing intensely black markings while firmer leaves light markings.



An important point about pencils, if you'll pardon my pun, is to avoid dropping them. If you drop a pencil on a hard floor, the lead inside can break. When this happens, the pencil point will keep breaking off as you try to sharpen the pencil.



Erasers

Something to Erase With (or, Your New Best Friends) Diamonds may be a girl's best friend and a dog may be man's, but an eraser will be yours. Not only can it eliminate your mistakes, but it also comes in handy for executing shading techniques and creating amazing textures. (You'll learn how to do this a little later.)

Unlike pencils, erasers are not lined up and cunningly labeled for the shopper's convenience, so you'll need to investigate your options before making a purchase. There is a wide selection of erasers available, each varying in hardness (or firmness) and messiness (how much eraser residue is left behind). The upside, though, is that with so

many options you're guaranteed to find an eraser that suits your needs.



To protect your art supplies from damage or loss, put them away after each use. Otherwise, husbands, wives or kids may grab your favorite 2B pencil the next time they take a phone message and promptly lose it. Or worse, your cat or dog might find your kneaded eraser an interesting toy or munchie, ruining the eraser and possibly getting a tummy ache. Be kind to your supplies, and to your pets!



Kneaded Rubber Eraser

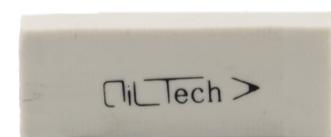
This eraser is a must for every artist. It starts out as a neat little square and soon resembles something you might have to scrape off your shoe. This eraser is best at removing a layer of graphite (as opposed to erasing down to the white paper) and gently cleaning up certain areas of your drawing. You can mold or knead the eraser as needed to reach tight spots without disturbing other nearby areas. You can clean the accumulated graphite off the eraser by folding it back on itself.

For years, the kneaded eraser only came in standard gray, but now colors are available. Faber-Castell offers a superior kneaded eraser in red, blue or yellow that is softer and more pliable than the traditional gray erasers. Check around and you may find other similar options.



White Vinyl Eraser

I love the white plastic eraser. It can remove pencil marks cleanly and completely. Better still, it leaves behind no residue, and its nonabrasive quality makes it safe for all surface types. It's also quite easy to cut if need be. If the edges of the eraser have worn dull, you can use a knife to make a fresh, sharp edge that's perfect for erasing thin lines.



Blending Stumps

Artists use tortillons to blend and smudge pencil and charcoal on paper. You can hold it like a pencil, charcoal, or pastel, whatever is most comfortable.

Blending stumps tend to be used a bit too often in realist drawing. The tortillon's paper fibers drag graphite across and into the surface of the paper. This creates a fine but even layer of graphite with no white paper left to reflect light. This can make the surface very dull.

It is useful when creating illusions of texture, such as velvet. Be aware that going too far can easily make a drawing look lifeless.

Blending stumps are very useful when creating graduated highlights in textures such as hair. This allows the artist to blend, then sharpen the drawing with pencil line and erased highlights.

After blending, you will notice that your tortillon becomes 'dirty.' This occurs naturally because it's picking up particles from your drawing. To clean it, use a sandpaper sharpener (or pointer) designed for pencils and similar art supplies. A scrap of standard sandpaper or a nail file works as well.



Charcoal Sticks

Hard, Medium, Soft

DESCRIPTION

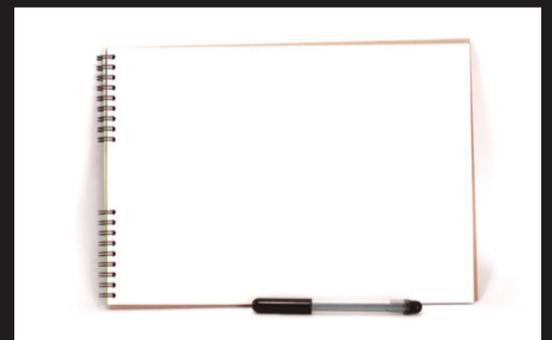
A blending stump is commonly referred to as a tortillon (pronounced tor-ti-yon). This is a drawing tool made from tightly rolled or twisted paper. Commercially sold blending stumps are often shaped directly from paper pulp with a point at each end.

The name 'tortillon' comes from the French "tortiller," meaning "something twisted." They may also be referred to as torchons, which is actually French for "cloth" or "dishrag."



If you buy paper in a spiral-bound pad, place a piece of cardboard underneath the page you're working on so you don't score the page underneath. After you finish the drawing, put tracing paper over it to protect from unwanted smudging.

And while we're on the topic of pads: Either buy sealed ones, or if none are sealed, take from the bottom or back of the stack. Pads that are unsealed or in the front may have been fondled by other shoppers, and the oils from their fingers ruin the paper.



Sandpaper Pointer

Use Sandpaper Pads for pointing pencils charcoal crayons and pastels. Twelve sheets of sandpaper padded and mounted on 1 x 4 wood handle. Allows point to shaped any way top create that special point for the effect the artist wants to achieve - flat for broad areas or pointed for detail. Even allows a chisel point for pencil calligraphy!



Sandpaper Pointer

Sandpaper Pointer

DESCRIPTION

To sharpen a pencil by hand, hold the pencil firmly in one hand and the craft knife in the other, with the blade facing away from your thumb and toward the end of the pencil. Always use caution when handling a craft knife. Push the thumb holding the pencil against the thumb holding the knife to create leverage, trimming a section of the wood around the lead. Roll the pencil in your hand to reposition the pencil for another cut. Continue trimming the wood until the lead is evenly exposed. Shape the lead into a point using the sandpaper pad.



If you have a lot of drawing supplies a fishing tackle box is perfect for toting around your newly acquired drawing supplies. It has plenty of compartments for storing your goodies.



Pencil Extender

History

Ever more efficient means of mass production of pencils has driven the replacement cost of a pencil down. Before this, people would continue to use the stub of a pencil to delay the cost of a new one. For those who “did not feel comfortable using a stub, pencil extenders were sold. These devices function something like a porte-crayon [...] the pencil stub can be inserted into the end of a shaft [...] Extenders were especially common among engineers and draftsmen, whose favorite pencils were priced dearly. The use of an extender also has the advantage that the pencil does not appreciably change its heft as it wears down.” Artists currently use extenders to maximize the use of their colored pencils.



Pencil Extender

Pencil Extender

DESCRIPTION

A pencil extender is a handle with a sleeve that slips over a shortened pencil, allowing you to get more use out of it. Similar devices are available for holding charcoal sticks.



Some artists “fix” the graphite on their finished drawings with spray fixative. Personally, I don’t usually use such a product because, well, 111 come right out and say it: It stinks. Even if you spray outside, the smell lingers on the paper and will subsequently stink up the house. There are some “odor-free” spray fixatives that smell less awful. Some artists use hairspray, although I’m not sure how safe it is for your art over time. You could simply handle your artwork with care, store it between tissue paper and frame it behind glass at your earliest convenience.



Sharpeners

Manual pencil sharpener for a lighter sharpener than brass but with that lightness you lose some of the reassuringly solid feel. However, this is a good reliable sharpener that gives a good though quite short point.

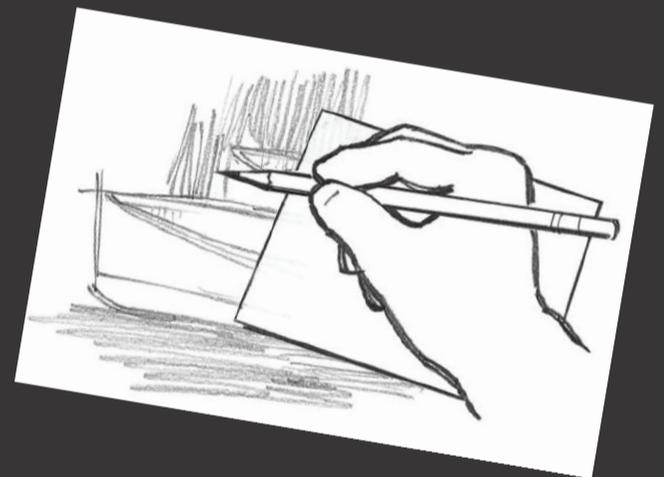
Knife for Pencils

Grip the pencil in one hand, with the point away from you, and the craft knife in the other. Push the thumb holding the pencil against the thumb holding the knife to create leverage so the blade cuts into the pencil. Cut, then turn the pencil and repeat the process until you've worked the area into a point.



Avoid Smudges

As you are drawing, your hand glides over the paper surface and can smear the pencil lines. One solution to this is to use a slip sheet, which is a sheet of paper placed between your hand and the drawing surface. This way your hand does not rest directly on the drawing.



Full Metal Double Hole Sharpener

This double-hole pencil sharpener is made from metal for extra durability, and has an anti-tamper safety screw for added safety. Featuring a contoured grip for easy sharpening, this metal double-hole sharpener is ideal for everyday school, home and office use.

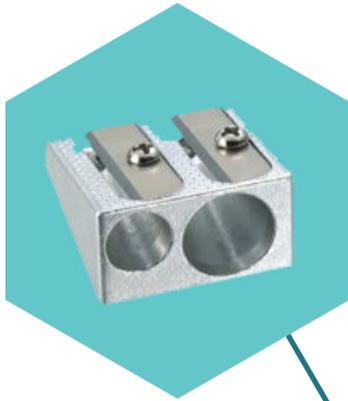


Black Sharpener for Charcoal

Manual pencil sharpener for a lighter sharpener than brass but with that lightness you lose some of the reassuringly solid feel. However, this is a good reliable sharpener that gives a good though quite short point.



How to Sharp

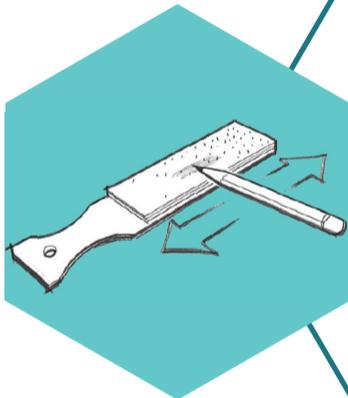
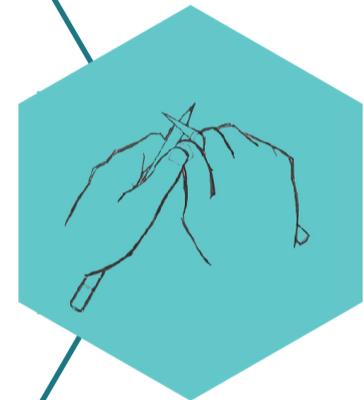


Pencil Sharpeners Are the Simplest Way to Keep Pencils Sharp

A pencil sharpener is the quickest and easiest way to keep the tips of your pencils sharp.

OR Sharp Pencil With the Sharp Knife

Grip the pencil in one hand, with the point away from you, and the craft knife in the other. Push the thumb holding the pencil against the thumb holding the knife to create leverage so the blade cuts into the pencil. Cut, then turn the pencil and repeat the process until you've worked the area into a point.

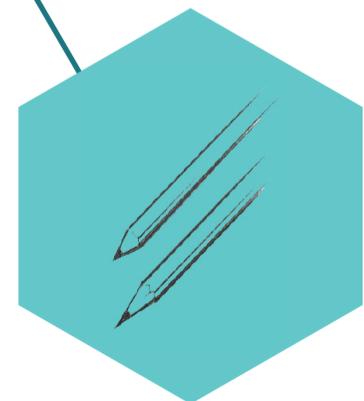


Then Sharpen the Core With a Sandpaper Pad

Sand the core back and forth on the sanding pad for a sharp point.

A Craft Knife and Sandpaper Pad Reveal More of the Pencil's Core

For a controlled point that exposes more of the core, sharpen your pencil with a craft knife and sandpaper pad.



Or You can Use our Electric Pencil Sharpener and forget about not sharpened pencils



1 AMAZING QUALITY & PERFORMANCE FROM A COMPACT PENCIL SHARPENER

Built with the needs of artist, teachers, students, this electric pencil sharpener best in performance and durability. Crafted from high-quality materials, it does the job right every time.

2 MANUFACTURER GUARANTEE

TripWorthy stands by all of our products and each are backed by a Manufacturer Warranty. If you're not satisfied, we're here to make things right.

3 IDEAL FOR ANY SETTING

This versatile pencil sharpener handles colored and soft lead pencils with ease. Looking for a colored pencil sharpener? This is it! Looking for a solid standby to sharpen No. 2 pencils? It does that too!

4 ADULT & KID FRIENDLY

Our innovative, auto-stop safety feature prevents this pencil sharpener from being used if any part of the assembly is missing. That means no hurt fingers, which makes it an ideal choice for classrooms with young kids.

Zippered Case

For carrying pencils, and other small supplies, a pencil case or pencil box is often the best choice. Our large case features a pencil's organizer on both sides. Gathering your carrying zipper case can be deeply satisfying.



Zippered Case

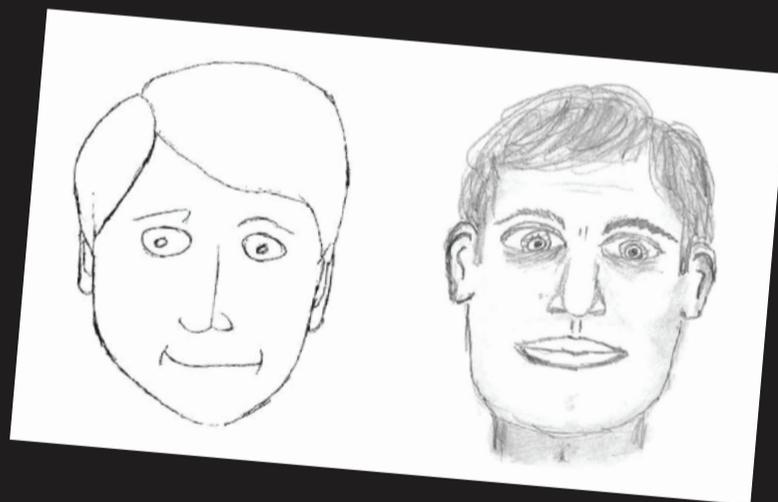
Zippered Case

DESCRIPTION

Not only is it a way for you to express your personality and lifestyle, but a peace of mind that comes from knowing you're prepared to deal with a variety of art work. Everyday use means carrying things with you daily, so it only makes sense to choose items that are easily carried hence the convenience.



Don't trash your old drawings! Save them as you go. Embarrassing as they may be, they will help you chart your progress and someday show just how far you've come.





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