

LEVEL

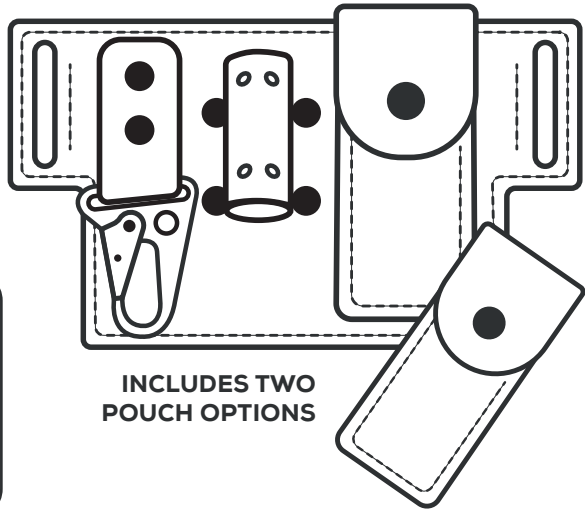
INDIANA TOOL BELT KIT

KIT DE CINTURÓN DE HERRAMIENTAS INDIANA
CEINTURE À OUTILS INDIANA KIT

3

KIT CONTAINS:

Pre-Cut, Pre-Punched Leather
Line Snaps (2)
Spring Belt/Holster Clip (2)
Open Back Screws (6)
Rivets (2)
Lever Snap
Needle & Thread
Instructions & Pattern



French and Spanish
Instructions available
online at:

TANDYLEATHER.COM
TANDYLEATHER.CA

YOU WILL NEED:

- Medium Flathead Screwdriver
- Line Snap/Rivet Setter
- Mallet

LEVEL UP WITH TANDY

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4
Includes basic project assembly skills with no hand-sewing or hardware setting required. Plus, learn additional skills like lacing, braiding, and knot tying.	Introduces skills like hand-sewing with pre-punched stitching holes, hardware setting, and edge burnishing.	Build your skills with more added components, project layers, and detail work like edge beveling and edge dyeing.	Can be machine or hand sewn and do not have pre-punched stitching holes. Learn new skills like skiving, wet molding, heat creasing, and more.

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING PROJECT.

NOTE: ALL STAINING, DYING, AND TOOLING SHOULD BE DONE PRIOR TO ASSEMBLY

WHAT'S INCLUDED?

Leatherman Pouch Middle (A)
 Leatherman Pouch Front (B)
 Leatherman Pouch Back (C)
 Knife Pouch Middle (A2)
 Knife Pouch Front (B2)
 Knife Pouch Back (C2)
 Base Front (D)
 Base Back (E)
 Clip Lanyard (F)
 Adjustable Flashlight Sleeve (G)
 Line 20 Snaps (H)
 Spring Belt/Holster Clip (I)
 Open Back Screws (J)
 Rivets (K)
 Lever Snap (L)
 Needle & Thread

Not Shown:

Instructions & Pattern

Scan this code with your phone to learn about these skills and more!



SKILLS USED:

Hardware Installation
 Edge Lock Stitch
 Saddle Stitch

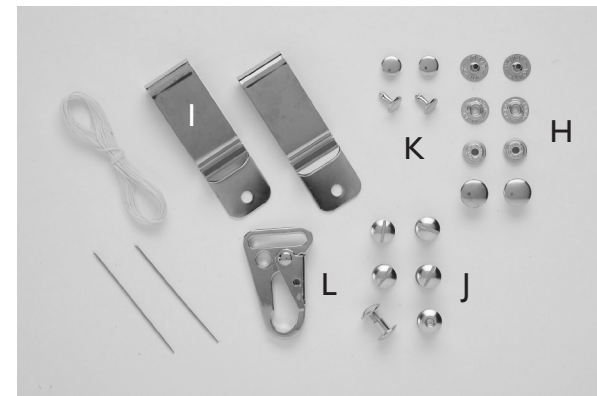
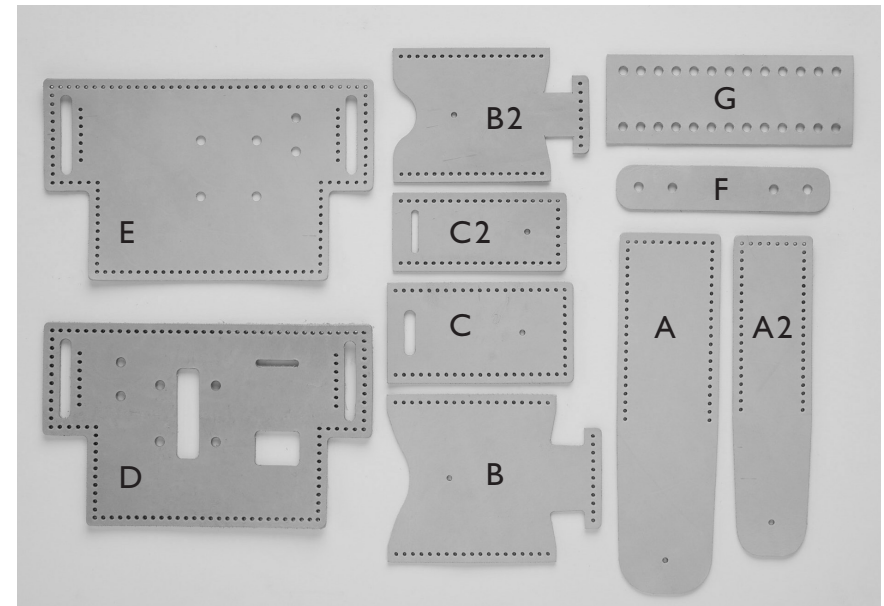
OPTIONAL TOOLS:

Loctite® Threadlocker* to secure hardware
 Stitching Horse to hold leather pieces while stitching
 Emory Board to sand edges
 Multi-size Wood Slicker to burnish edges
 Scratch Awl to widen stitch holes or mark edges
 Edge Beveler (Size #1) to finish edges
 Gum Tragacanth to burnish edges

GLOSSARY:

FLESH SIDE: The underside of an animal's hide. On veg-tanned tooling leather, this is the rough side.

GRAIN SIDE: The hide's surface that had the hair of the animal. Typically used for carving and stamping.



NOTE:

There are two pouch options: the leatherman pouch or knife pouch.

*Available in most hardware stores

WARNING:
 CHOKING HAZARD - Small parts. For adult use only. This product is not intended for use by children. CONTAINS FUNCTIONAL SHARP POINT - Adult supervision recommended.

NOTE: Set rivets and line snaps into the appropriate pattern pieces before beginning to sew and construct pouch pieces together.

SETTING HARDWARE ON POUCH

1. Insert the Snap Cap (H) into the Leatherman Pouch Middle (A) from the grain side. Secure the Socket (H) from the flesh side using a snap setter. Place Snap Cap in best fitting anvil hole and the small round tip of the setter within the Cap post. Hit the setter with your mallet a few times to lock in the snap. (Figures 1 & 2)

2. Insert the Post (H) from the flesh side of Pouch Front (B) and set Stud (H) from grain side. Be sure to use the flat portion of anvil to securely set Stud (H). (Figure 3)

Line 20 Snap (H)



Socket Cap Post Stud

Figure 1

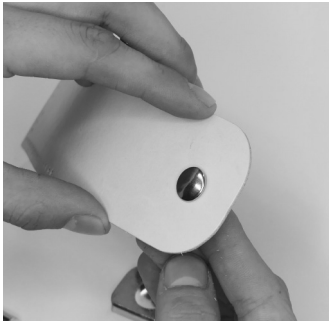
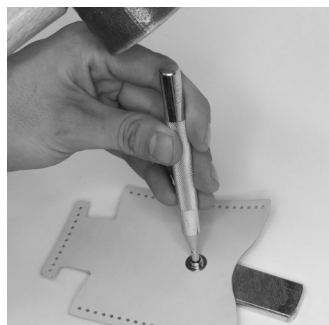


Figure 2



Figure 3



3. Slide Spring Belt/Holster Clip (I) through Pouch Back (C). The long end of the clip should be facing the flesh side of the leather. (Figure 4)

4. Using Rivets (K), attach the Spring Belt/Holster Clip (I) to the back of the pouch. Insert Rivet Post from the flesh side and secure with the Cap from the grain side. Be sure to use a setter and anvil that fit the rivet caps. (Figures 5-7)

Figure 4

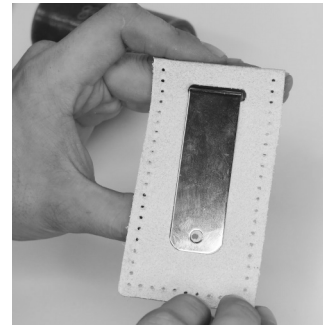


Figure 5

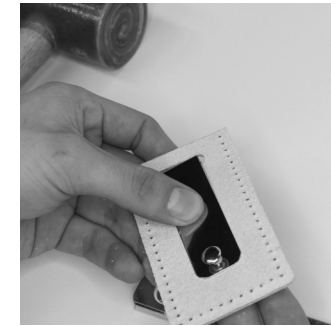


Figure 6

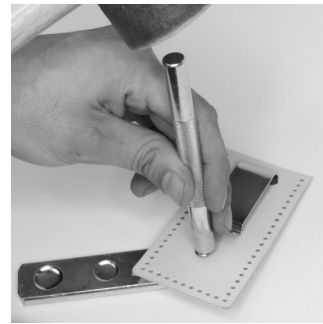
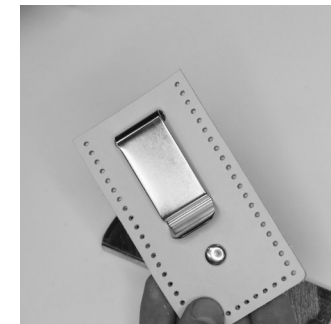


Figure 7



NOTE: Burnish leather edges once all snaps/rivets are set and before securing all completed pieces to the pouch.

ASSEMBLING THE POUCHES

NOTE: Spring Belt/Holster Clip (I) must be secured before sewing.

5. Place Pouch Back (C) flesh side up and stack Pouch Middle (A) on top also with the flesh side up. Stack Pouch Front (B), grain side up. There should be three layers of leather stacked. Align stitch holes on the left side.

6. Begin with an edge lock stitch in the top left corner. There is one extra hole on Pouch Middle (A). Lock all layers through this hole. Proceed with a saddle stitch and sew all three pieces together: (Figure 8) **See Level Up Your Skills with Tandy starting on page 13 for detailed stitch instructions.**

7. At edge of Pouch Front (B), gently bend the "T" bottom up to align stitch holes.

8. Saddle stitch around the bottom and note that there will be an extra hole in Pouch Middle (A) between the two portions of the "T" on Pouch Front (B). (Figures 9 and 10)

9. Align the stitch holes on the right side and proceed to saddle stitch. (Figure 11)

Figure 8

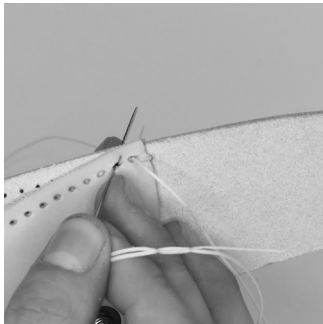


Figure 9

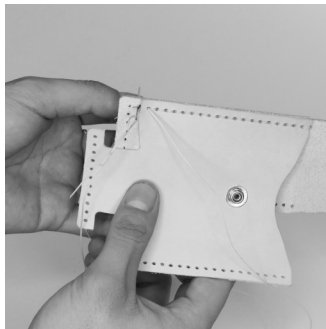


Figure 10

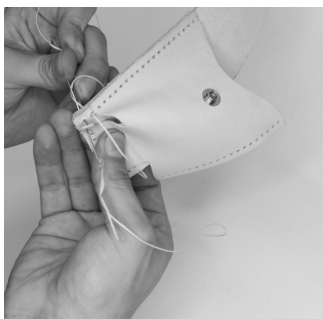
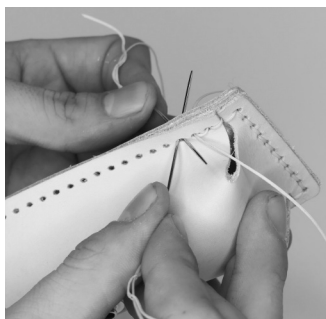


Figure 11



10. Edge lock stitch at top of pouch edge and back stitch two holes to secure the stitch. (Figures 12 and 13)

11. Repeat steps 1-10 with Knife Pouch Pieces (A2, B2, & C2).

Figure 12

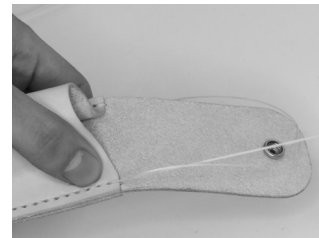
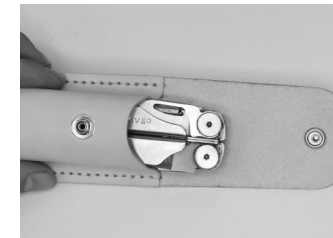


Figure 13



ASSEMBLING THE BASE

11. Stack Base Front (D) and Base Back (E) so flesh sides meet and align stitch holes. **Optional: Secure work in a stitching horse.**

12. Starting from the left side (small section by the oblong holes) saddle stitch around the perimeter of the base until the entire base is sewn together. Finish by stitching over first 3 stitches. (Figure 14-16)

Figure 14

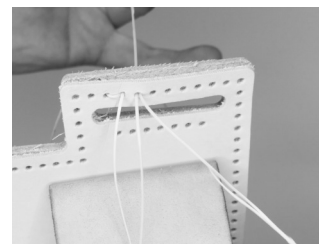


Figure 15

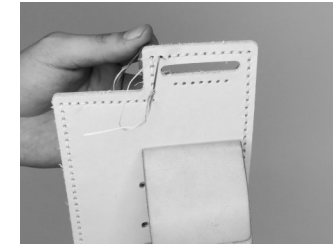
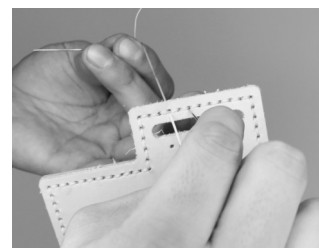


Figure 16



13. Next, saddle stitch the two short stitch lines next to the belt loop holes (oblong holes). (Figures 17 & 18)

Figure 17

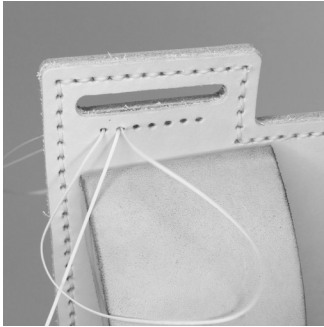
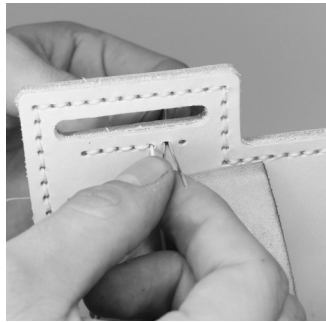


Figure 18



14. Take completed Base (D & E) and attach Adjustable Flashlight Sleeve (G) by inserting one side in between the layers of the Leatherman Pouch Base. (Figure 19)

15. On the back of Base (D & E), insert post of Open Back Screws (J) to attach Adjustable Flashlight Sleeve (G) to the base. (Figure 20)

Figure 19

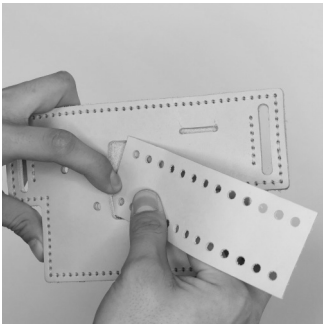


Figure 20



16. **Optional:** Use recommended *Loctite® Threadlocker*. (found at most hardware stores) to secure *Open Back Screws (J)*. Place a small amount on the cap of *Open Back Screw (J)* and connect to screw post using a *flathead screwdriver*. Complete this for both holes securing one side of *Flashlight Sleeve (G)*. (Figures 21 & 22)

Figure 21

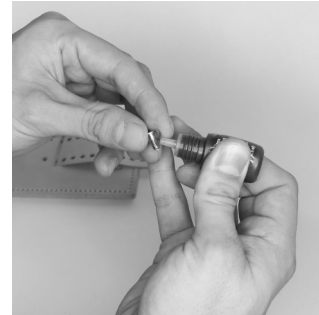
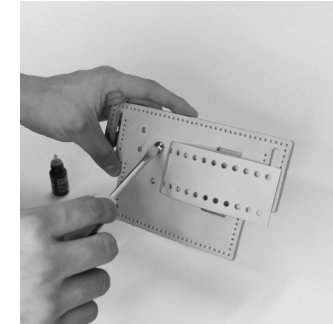
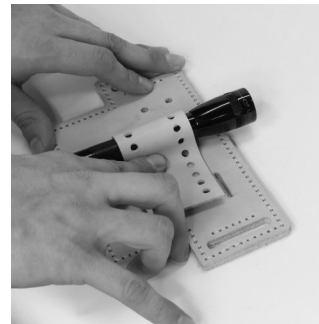


Figure 22



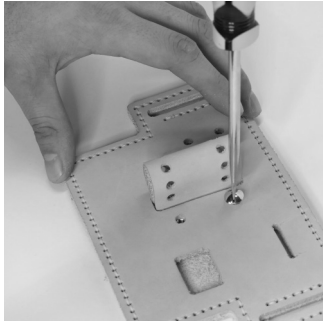
NOTE: Flashlight Sleeve (G) is adjustable so before securing to the completed Base make sure flashlight fits. Flashlight sleeve can be cut to size. (Figure 23)

Figure 23



17. Once Flashlight Sleeve (G) is sized to specifications, slide the other side of Flashlight Sleeve (G) between Base Front and Back (D+E) and secure with open back screws using recommended Loctite® Threadlocker. (Figure 24)

Figure 24



18. Insert Clip Lanyard (F) through Lever Snap (L). Fold the Clip Lanyard (F) so that flesh sides meet. Align the holes.

19. Using two open back screw posts, insert through the back of Base (E) and secure. (Figure 25-26)

Figure 25

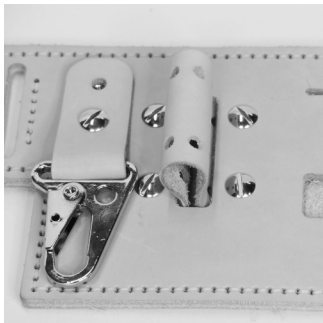
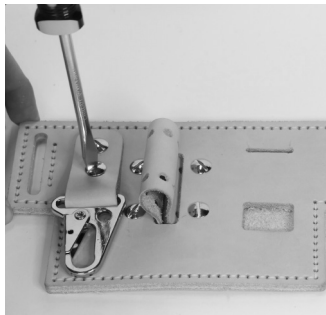


Figure 26



20. Insert Knife or Leatherman Pouch with flathead screwdriver. Feed Holster Clip (I) through top slit until secure. There will be a click once in place. (Figures 27 & 28)

Figure 27

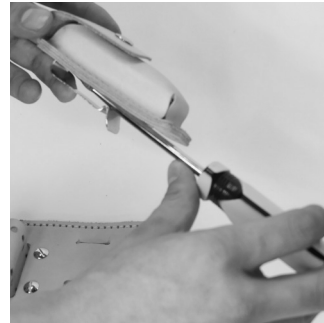


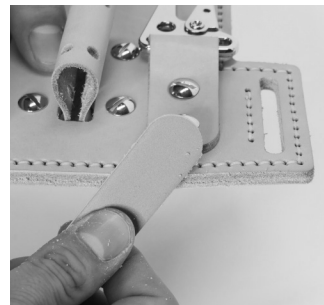
Figure 28



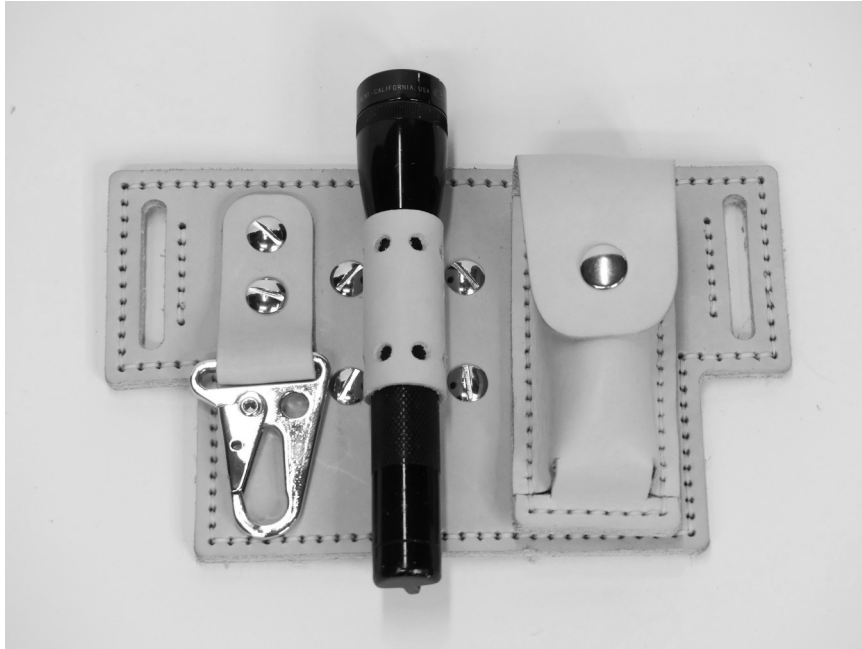
21. Take emory board gently across the edges to smooth if needed.

Pro Tip: Reapply gum tragacanth and burnish edges to desired level of finish. (Figure 29)

Figure 29



CONGRATULATIONS, YOU'VE MADE AN INDIANA TOOL BELT!



* Images are for constructions purposes only. Colors may vary.

LEVEL UP YOUR SKILLS WITH TANDY

HOW TO THREAD YOUR NEEDLES:

1. Cut your thread to 5 times the length of the seam you are sewing and feed one end through the eye of one needle, moving over to the opposite end of the thread. Repeat step 1 for the second needle. (Figure 1)
2. Take the point of your needle and push it through the longer portion of the thread. Once the needle is all the way through, give a gentle tug to lock thread into place. (Figure 2)
3. Repeat Step 2 with the second needle. There should now be a knot behind both needles to secure the thread in place as you are stitching. (Figure 3)

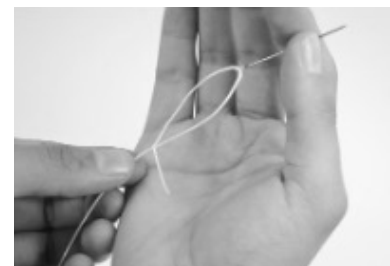
Figure 1



Figure 2



Figure 3



HOW TO EDGE LOCK STITCH:

An edge lock stitch joins two separate pieces of material over a flat edge to prevent unraveling and can be used at the start or end of a saddle stitch.

1. Insert one of the threaded needles through the first hole. Pull the needle through until there are equal lengths of thread on either side.
2. Take one of the needles and make a loop that goes around the outside edge of leather. Insert the opposing needle through the opposite side to close the loop. (Figure 1)
3. Resume saddle stitching as normal. (Figure 2)
4. To finish with an edge lock stitch, reverse your needles and place them back through the last stitch hole. Making a loop that goes around the outside edge of leather.
5. Another example of an edge lock stitch can be used when all edges are flush and the thread loop goes around the outside edge of all layers of leather. (Figure 3)

Figure 1



Figure 2



Figure 3



HOW TO SADDLE STITCH:

The saddle stitch is a strong stitch that is made up of two independent stitches that lock together. This allows the stitches to hold even if a stitch is broken.

1. Thread your needles with a length of thread that is 5x the length of the line you are stitching. *Tip: Use a Stitching Horse to secure your pieces in place and allow for easier sewing*
 2. Holding one threaded needle in each hand, begin saddle stitching by inserting one needle into the first hole of your stitching line. Pull the needle and thread through the hole until you have equal lengths of thread on either side. (Figure 1)
 3. With one needle in each hand, begin weaving the needles through the next stitch hole, one needle at a time. It is important to be consistent with your motions, always starting each stitch with the same hand. *We will start with the left-hand needle for each stitch for these instructions.* Push the left needle through next hole in your stitch line.
 4. Once the left needle is through the hole, insert your right-hand needle through the same hole, being sure to pull the left thread back to avoid piercing it with the right needle. Pull the thread from both needles all the way through the hole and give the thread a gentle tug to tighten up the stitches. (Figure 2)
- Optional: If your stitch holes are large enough, you can insert your needles in the same hole at the same time. Cross your needles into an "X" as you push them through the hole. Be sure to always place the same side needle on the top and bottom for each stitch, then pull the needles through and tighten up the thread with a gentle tug.*
5. Repeat Steps 3-4 until you reach the end of your stitch line, starting with the same side needle for each stitch. Be sure to give the thread a light tug at the end of each stitch to keep even tension.

Figure 1

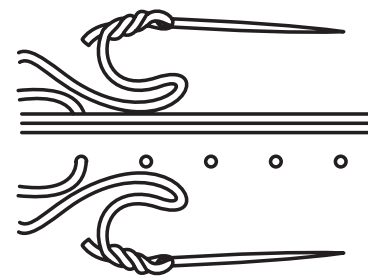
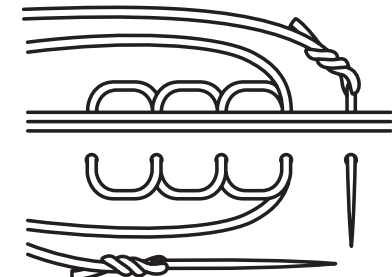


Figure 2





FOR MORE PATTERNS, PROJECTS, AND TIPS,
VISIT [TANDYLEATHER.COM/BLOG](https://www.tandy.com/blog).

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