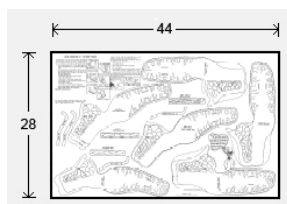




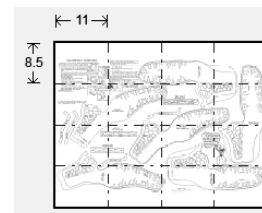
## Digital Downloads

This PDF package has been put together to give you options when it comes to printing. Some PDF file downloads may contain some documents larger than an 8-1/2" x 11" image. Pages and patterns that are larger than 8½x11 have been provided in two formats:



**Full Size:** If you would like to have a full size print out, take the full size pages to your local print shop and they can print it for you.

**Tiled:** The tiled pages give you the option of printing the larger patterns at home. You print the tiled pages and then assemble them to make the larger patterns.



**Pattern PDF files** are typically laid out as follows: Cover (if applicable), instructions sheets (if applicable), pattern 1 – full sized, pattern 1 – tiled, pattern 2 – full sized, pattern 2 – tiled, pattern 3 – full sized, pattern 3 – tiled. ...Etc.

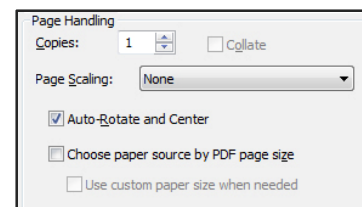
**Doodle Page PDF files** are typically laid out as follows: Front – full sized, front – tiled, back – full sized, back – tiled (Some Doodle Pages do not have backs).

**eBook PDF files** contain 1 (one) full eBook. All pages in the PDF are full sized. This means that you may have to take the PDF to a print shop for certain oversized books if your home printer cannot print the larger pages.

**Craftaid PDF files** contain 1 (one) full Craftaid pattern or Craftaid pattern pack that has been converted into a tracing pattern. All pages in the PDF are full sized. This means that you may have to take the PDF to a print shop for certain oversized Craftaid patterns if your home printer cannot print the larger pages. **NOTE: These digitized patterns do not include any of the physical plastic templates (Craftaids) that may be mentioned, nor does the purchase of this PDF file imply a promise to receive any physical plastic templates (Craftaids).**

**NOTE: Digital kit patterns do not include any kit parts that they may reference.**

Please note: When printing on a home printer, use the settings seen on the image to the right in the Page Handling area of the Adobe Reader print dialogue box. If your printer is cutting edges off, set "Page Scaling" to "Shrink to Printable Area". This will, however, decrease the size of the pattern a very small amount.



**NOTE: Some patterns may reference tools, and other items no longer available.**

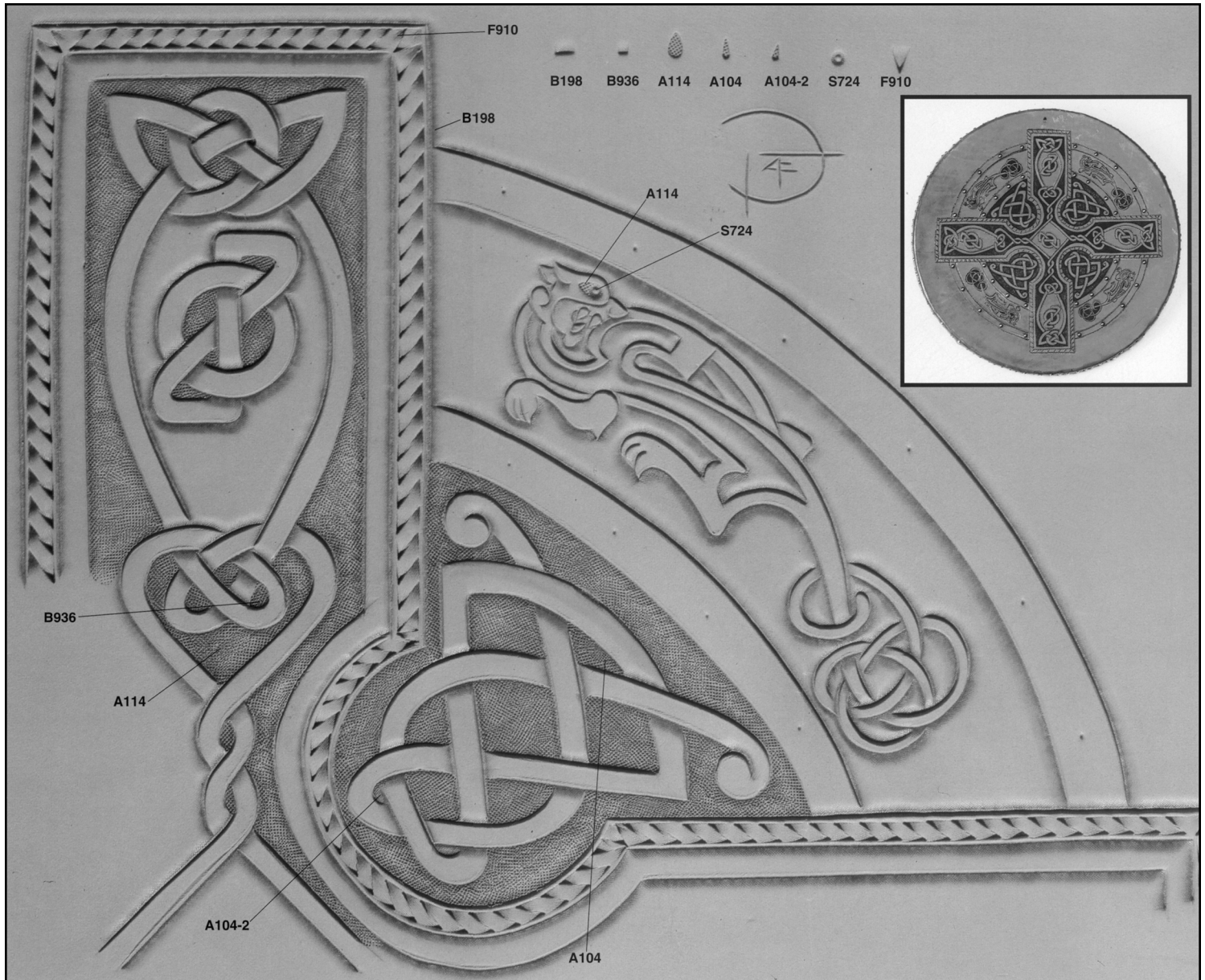
**NOTE: You may take this PDF file to your local print shop to have the full-size pages printed for your own personal use.**

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## WHAT IS A TARGE?

The english word, targe, is a shortened form of an Old French word, targuette or targete. Today, we pronounce the word as target. But centuries ago, a targe was a small, round shield, held in the hand, or sometimes strapped to the arm, and used by a warrior to protect himself from knives and arrows. This information will guide you in making a targe similar to the shields once used in battle.



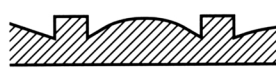
## MATERIALS NEEDED:

- 1 ea. 6-7 oz. tooling leather, appr. 25" dia.
- 1 ea. 4-5 oz. tooling leather, appr. 25" dia.
- 2 ea. 6-7 oz. leather strips, 2" x 15"
- 1 ea. 3/4" plywood, 24" in dia.
- 4 ea. 1-1/2", 1/4 x 20 carriage bolts
- 4 ea. 1/4 x 20 nuts
- Upholstery Tacks #1403-10
- Swivel Knife and Blade
- Adjustable V-Gouge #8082
- 5/16" Round Punch #3777-12
- Craftool® Stamps: B198, B936, A114, A104, A104-2, S724 & F910
- Tanner's Bond® Contact Cement #2530-01
- Tandy's Antique Leather Stain #22071
- Tandy Satin Shene #22009



## TOOLING THE DESIGN

The design is tooled on the 6-7 oz. leather. The full-size tracing pattern is only a quadrant of the complete design. Rotating the pattern to trace each of the corners will reveal a cross design accented with an intricate intertwined rope and dragon.



ILL. A



ILL. B

Repeat on opposite side, lining up angles.

Cut all solid lines. Bevel long lines with a B198 beveler.

Bevel all tight spots with a B936. **Note:** Bevel deeply where one line crosses another. A textured beveler eases individual tool marks and allows you to blend smoothly. A textured bevel also holds stain better because there is more surface variation.

## TOOLING THE ROPE

Use an F910 to create the rope border (see Ill. B). Keep the tool slightly away from the edge. After all beveling is done, use your A114 and A104 to background areas inside your knotwork. To create a nice contrast of colors, do not background inside main cross sections.

## TOOLING THE DRAGON

When beveling the dragon, bevel the outside first. Then bevel the inside to create a border line effect (see Ill. A). To create the dragon's eye, use an A114 and hit it lightly to create the eye socket. Use an S724 to create the pupil.

## FINISHING THE LEATHER

After tooling the design, you are ready to stain and finish the leather. Keep in mind that the dyeing techniques were very different hundreds of years ago. So when staining your shield, stay with an earthtone color (brown, tan or mahogany). Don't put on anything too bright. Remember, sweat, dirt, the elements and time would make the leather of a real target considerably darker. When staining, do the front, back and straps together. Finish with Tandy's Satin Shene®.

## MAKING THE SHIELD

**STEP 1:** Mark the position of the four bolt holes on the round plywood disc (see Ill. D). Drill holes with a 3/8" bit. Countersink holes so that when bolts are installed, the bolt heads are flush with the top of the plywood (see Ill. D).

**STEP 2:** Use the two 2" x 15" strips of 6-7 oz. leather to make the shield's strap and handle. First, lay your forearm flat against the back of the shield between the two pairs of bolt holes to determine the exact length of the straps (see Ill. C). Next, measure distance from bolt hole "A", over the top of your forearm to bolt hole "B" and add 2". This is the length of your forearm strap. Now measure the distance from bolt hole "A", around your fist to bolt hole "B". This is the length of your shield handle. After determining the proper length, cut, trim and punch the strap and hand as shown in Ill. C.

**STEP 3:** Center the round plywood disc on the flesh (rough) side of your tooled design. Trace around the plywood with a ball point pen. Using the Adjustable V-Gauge #8082, gauge just inside of your pen mark, turning half the depth of the leather.

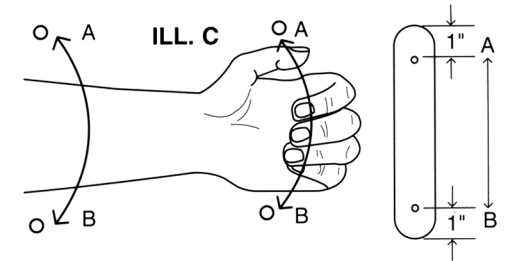
**STEP 4:** Center the round plywood disc on the flesh (rough) side of the 4-5 oz. tooling leather. Trace around the plywood and mark the bolt holes with a ball point pen. Using the Adjustable V-Gauge #8082, gauge just inside of your pen mark, turning half the depth of the leather. Punch out the bolt holes with a 5/16" Round Punch. This piece will be the rear shield leather.

**STEP 5:** Apply Craftsman Contact Cement #2530-01 to one side of the round plywood disc and to the flesh (rough) side of the 4-5 oz. rear shield leather. Carefully position the plywood disc onto the center of the leather. Fold the overlapping edge of the leather around the edge of the plywood and cement in place.

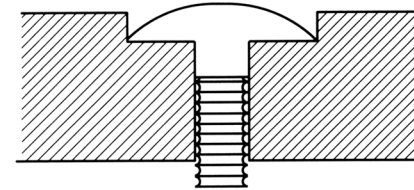
**Note:** For a smoother finish, you can cut the leather's overlapping edge about every 2" (see Ill. E). Then fold and cement each of these 2" wide tabs around the plywood edge.

**STEP 6:** Insert bolts through plywood/rear shield leather assembly and through the leather handle and leather strap (see Ill. F). Attach a nut to the end of each bolt.

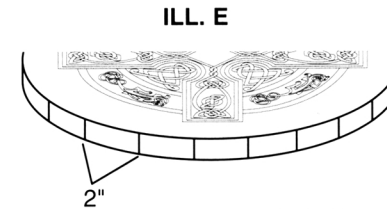
**STEP 7:** Apply Craftsman Cement to the other side of the round plywood disc and to the flesh (rough) side of your tooled design. Carefully position the plywood disc onto the center of the leather. Cut the leather's overlapping edge about every 2" (see Ill. E). Then fold and cement each of these 2" wide tabs over the rear shield tabs. Place an Upholstery Tack #1403-10 every 3/4" around the rim (see Ill. F).



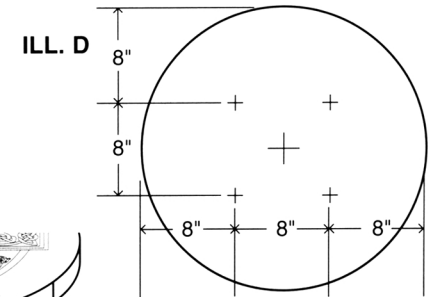
ILL. C



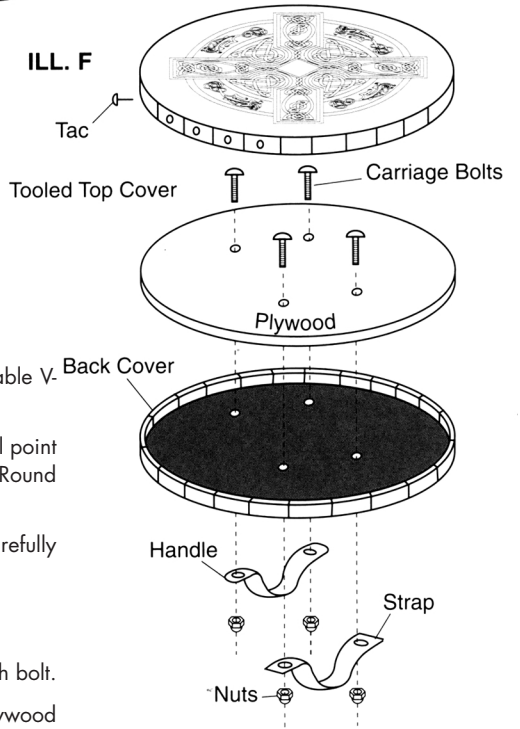
Countersink bolts with top surface



ILL. E



ILL. D



ILL. F

Grayed areas indicate sections of the pattern that overlap. When piecing your pattern together, line up the grayed areas to complete your tracing pattern



Grayed areas indicate sections of the pattern that overlap. When piecing your pattern together, line up the grayed areas to complete your tracing pattern

