My father my friend with a tool shelf

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.9 × 4.8 in (12.4 × 12.2 cm).



Which color goes where: by number on page 2.
Fabric: indigo cotton or linen.

Stitch in this order

Filled parts from the back of the picture forward, then lines and knots.

1. **Satin stitch**, 2 strands
   Tape, drawer pull, tape hook, tape mouth, case star, bird tail, bill, birdhouse roof, heart door, and 13 more
2. **Long and short stitch**
   strands by part on page 2
   Bench front, drawer, bench top, tape case, bird breast, bird head, bird wing, birdhouse, bristles, and 2 more
3. **Split stitch**, strands by part on page 2
   Tape edges, drawer pull, bench grain, tape hook, tape mouth, tape case, case seam, case star, and 21 more
4. **Straight stitch**, strands by part on page 2
   Tape marks, bird feet, pencil lead
5. **Stem stitch**, strands by part on page 2
   Bench front, drawer, bench top
6. **French knot**, 1 strand, two wraps
   Red marks, hook rivets, bird eye, perch

Floss

- **1 DMC 743 Medium Yellow**
  Tape and case star (lighter), screwdriver (lightest), drawer pull (light)
- **2 DMC 783 Medium Topaz**
  Tape (darker), drawer pull (middle), screwdriver (dark)
- **3 DMC 780 Ultra Very Dark Topaz**
  Tape edges, screwdriver (darkest), case star (darker), drawer pull (dark)
- **4 DMC 3371 Black Brown** Tape marks and bird eye
- **5 DMC 347 Very Dark Salmon**
  Tape case and pencil (middle), bird breast (darker) and 4 more parts
- **6 DMC 433 Medium Brown**
  Bench front (middle), bench top and birdhouse (dark) and 3 more parts
- **7 DMC 898 Very Dark Coffee Brown**
  Drawer and bench front (dark), birdhouse (darkest) and 2 more parts
- **8 DMC 435 Very Light Brown**
  Drawer and birdhouse (light), bench top (middle) and 4 more parts
- **9 DMC 437 Light Tan**
  Bench top (light), birdhouse (lightest), pencil point and 1 more part
- **10 DMC 318 Light Steel Gray**
  Hammer head, wrench, tape hook, screwdriver and ferrule (light)
- **11 DMC 414 Dark Steel Gray**
  Hammer head, tape hook, wrench and ferrule (dark), tape mouth (lighter)
- **12 DMC 762 Very Light Pearl Gray**
  Hammer head, ferrule, wrench and tape hook (lightest)
- **13 DMC 3799 Very Dark Pewter Gray**
  Hammer head, wrench and tape hook (darkest) and 7 more parts
- **14 DMC 3328 Dark Salmon**
  Tape case and pencil (light), bird breast (lighter) and 1 more part
- **15 DMC 815 Medium Garnet**
  Tape case and pencil (dark), case seam and 3 more parts
- **16 DMC 3808 Ultra Very Dark Turquoise**
  Birdhouse roof and bird wing (dark), bird tail and 4 more parts
- **17 DMC 3810 Dark Turquoise**
  Birdhouse roof, bird wing and bird head (middle) and 2 more parts
- **18 DMC 597 Turquoise**
  Birdhouse roof, bird head, paintbrush handle and bird wing (light)
- **19 DMC 842 Very Light Beige Brown**
  Mug handle, mug and bristles (middle)
- **20 DMC 712 Cream** Words, mug, mug handle and bristles (light)
- **21 DMC 841 Light Beige Brown**
  Mug, mug handle and bristles (dark)

Three ways onto dark fabric

1. **Light shines through it**
   Lay page 3 on a bright light box, tape the fabric over it and trace the lines with a white marking pencil or pen.
2. **No light shines through**
   Print page 3 on a sticky wash-away sheet, smooth it onto fabric that can be washed, stitch through both and rinse it away.
3. **White or yellow carbon paper**
   Lay it colored side down on the fabric with page 3 on top, tape the layers and trace firmly with a ballpoint pen. Go over a faint line with a white pencil.

Page 3 is the pattern at actual size (page 4 is its mirror, for an iron-on pen on a light fabric). Print it at 100% with scaling turned off. Then put the fabric in the hoop: inner ring under, drawing up, tight as a drum.

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6 inch hoop

How to read it

Floss is six strands. Cut 18 inches (45 cm), pull out the number given one at a time, and lay them together.

Inside a filled shape start with two or three tiny stitches, which the filling covers. Start a line with a small knot on the back. End each thread by running the needle under the backs of a few stitches.

Each small ring is one French knot. A fine broken line inside a shape is where two shades meet: trace it, do not stitch it.

A number on the picture is a color of the list of floss on page 1. The fine lines on the colors show which way the stitches lie.

Every stitch in pictures: flossfield.com/embroidery/stitches. The first time: flossfield.com/embroidery/guides/how-to-start.



1	DMC 743 Medium Yellow	**8**	DMC 435 Very Light Brown	**15**	DMC 815 Medium Garnet
2	DMC 783 Medium Topaz	**9**	DMC 437 Light Tan	**16**	DMC 3808 Ultra Very Dark Turquoise
3	DMC 780 Ultra Very Dark Topaz	**10**	DMC 318 Light Steel Gray	**17**	DMC 3810 Dark Turquoise
4	DMC 3371 Black Brown	**11**	DMC 414 Dark Steel Gray	**18**	DMC 597 Turquoise
5	DMC 347 Very Dark Salmon	**12**	DMC 762 Very Light Pearl Gray	**19**	DMC 842 Very Light Beige Brown
6	DMC 433 Medium Brown	**13**	DMC 3799 Very Dark Pewter Gray	**20**	DMC 712 Cream
7	DMC 898 Very Dark Coffee Brown	**14**	DMC 3328 Dark Salmon	**21**	DMC 841 Light Beige Brown

How many strands

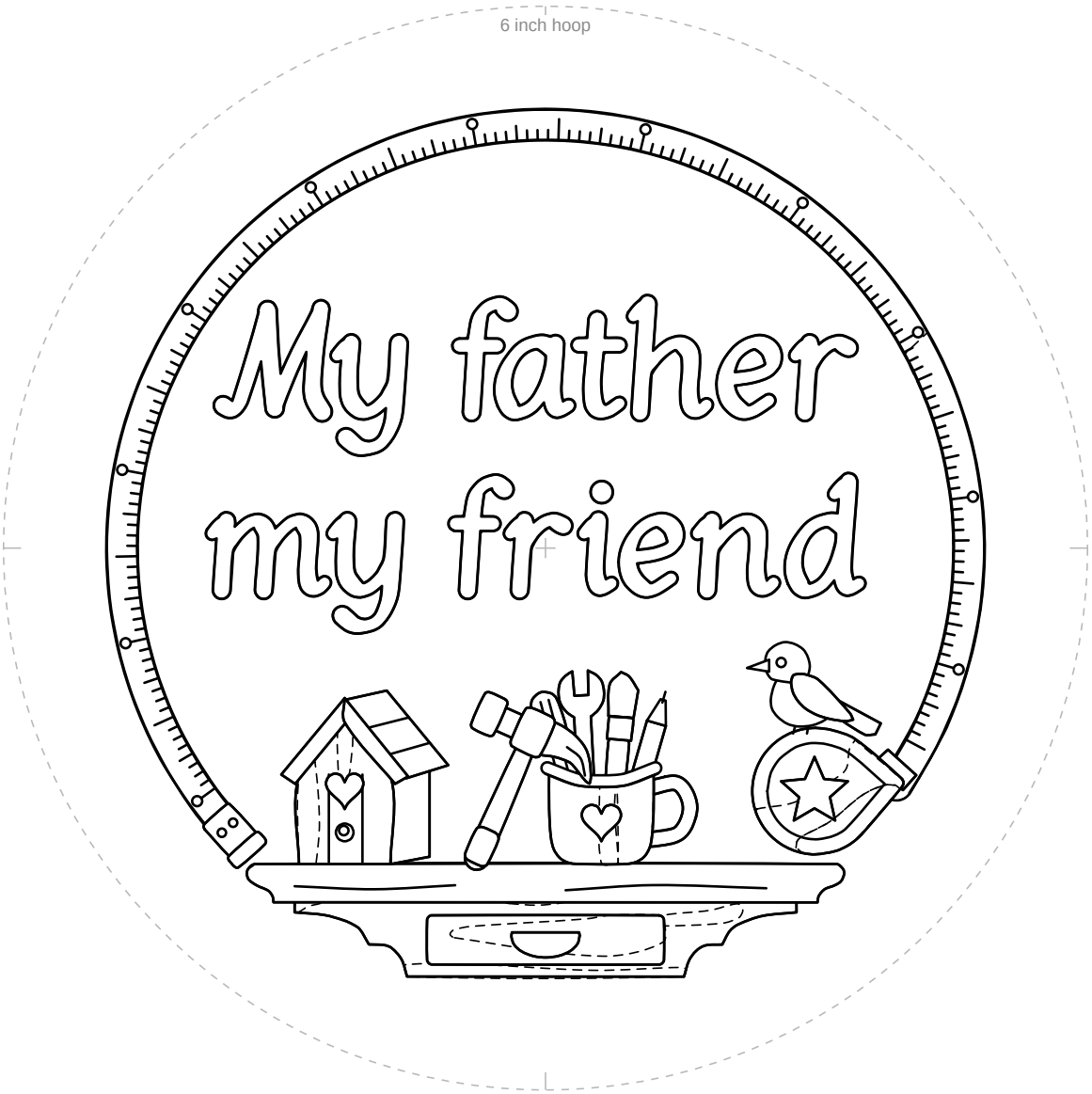
Long and short stitch. 2 strands: bench front, drawer, bench top, tape case, birdhouse, mug; 1 strand: bird breast, bird head, bird wing, bristles, hammer handle.
Split stitch. 2 strands: tape case; 1 strand: tape edges, drawer pull, bench grain, tape hook, tape mouth, case seam, case star, bird tail, bird wing, birdhouse, board lines, birdhouse roof, roof lines, heart door, wrench, pencil, paintbrush handle, bristles, ferrule, screwdriver, mug handle, mug, mug rim, mug heart, hammer handle, hammer head, claw slot, words.
Straight stitch. 3 strands: pencil lead; 2 strands: bird feet; 1 strand: tape marks.
Stem stitch. 3 strands: bench front; 2 strands: drawer, bench top.

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6 inch hoop

Print at 100% and check the square below with a ruler. Fold the fabric in four: the folds meet the four ticks of the ring.



1 in
25.4 mm

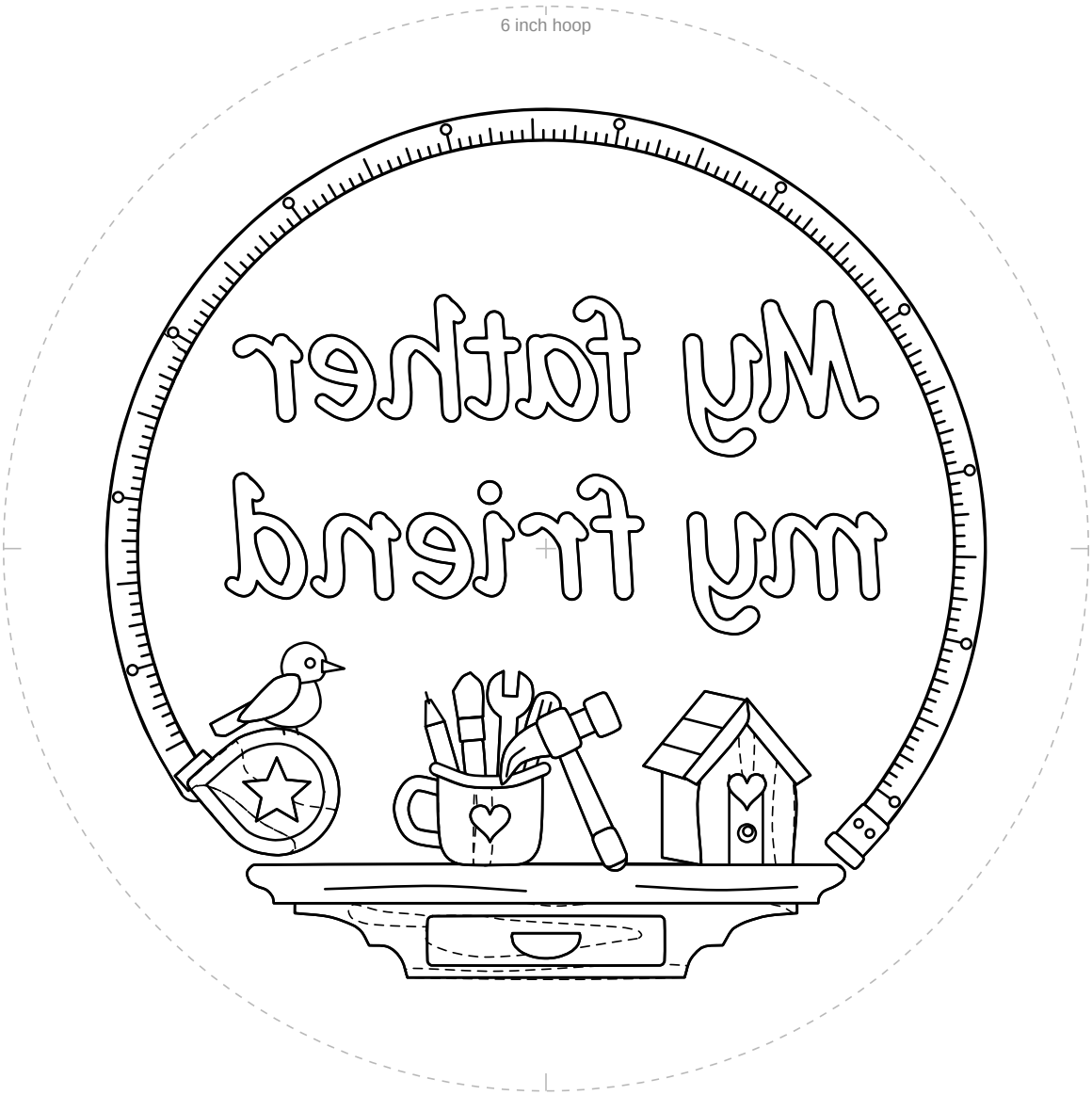
Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

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6 inch hoop

Mirrored. Trace this page with an iron-on transfer pen or pencil, then press it ink side down on the fabric.



1 in
25.4 mm

Check square: 1 inch (25.4 mm) on each side.
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