



A SMALL TABLE. A USEFUL LITTLE PAUSE.

# The Quiet Corner Side Table

An easy place for your evening book, a cup of tea or a favourite plant. Slim square legs and a lightly overhanging top keep the shape calm and uncluttered.



**22 in W x 16-1/2 in D x 24 in H**

One 1x6. One 1x3. One 2x2. All 8 ft long.

Straight cuts, recessed aprons and a simple edge-glued top. No drawer or shelf.

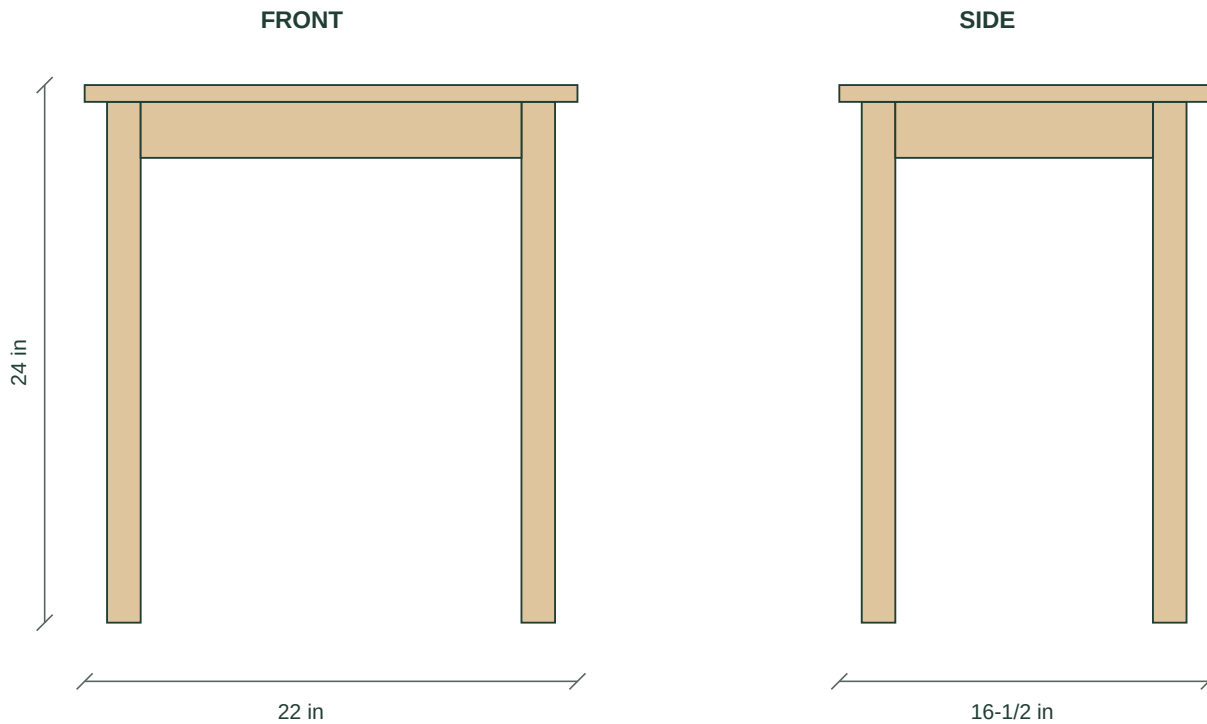
Project visualization. Build to the [dimensioned drawings](#) and [cut list](#).



01 / THE DESIGN

# Light on its feet. Easy to place.

A compact indoor side table with four untapered legs. Aprons sit 1/4 in behind the outside leg faces; the top overhangs the leg footprint by 1 in on every side.



## TOP / THREE T BOARDS



### Finished size

22 x 16-1/2 x 24 in

Approx. 559 x 419 x 610 mm

### Base outside the legs

20 x 14-1/2 in

### Top grain

Runs across the 22 in length.

Three 5-1/2 in boards make the depth.

Plan note: dimensions and stock layouts checked digitally; not physically built or load-tested. No weight capacity is specified. This is a side table, not seating or a step.



02 / SHOPPING AND PARTS

# Three boards. A short hardware list.

Choose straight, dry, square-edged indoor boards. Common pine or whitewood is suitable; no special species is required. Store sizes are nominal: measure the actual stock before cutting.

| BUY               | QUANTITY / ACTUAL SIZE                                                                                                          |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1x6 x 8 ft        | 1 board; actual 3/4 x 5-1/2 in. Top edges must be straight enough for gap-free gluing.                                          |
| 1x3 x 8 ft        | 1 board; actual 3/4 x 2-1/2 in.                                                                                                 |
| 2x2 x 8 ft        | 1 board; actual 1-1/2 x 1-1/2 in. Select clean, straight leg stock.                                                             |
| Pocket screws     | 16 x #8 x 1-1/4 in coarse-thread pocket screws for pine/whitewood, plus spares; head style must suit your jig.                  |
| Top fasteners (F) | 4 figure-8 fasteners: this plan specifies Rockler 21650, with 8 supplied #6 x 5/8 in flathead screws. One 8-pack leaves spares. |
| Other supplies    | Interior wood glue, 120/180 grit sandpaper, interior finish and optional floor-protection pads.                                 |

CUT LIST

FINISHED SIZES / INCHES

| ID | PART                | QTY | STOCK | LENGTH | WIDTH | THICKNESS |
|----|---------------------|-----|-------|--------|-------|-----------|
| L  | Legs                | 4   | 2x2   | 23-1/4 | 1-1/2 | 1-1/2     |
| A  | Front / back aprons | 2   | 1x3   | 17     | 2-1/2 | 3/4       |
| B  | End aprons          | 2   | 1x3   | 11-1/2 | 2-1/2 | 3/4       |
| T  | Top boards          | 3   | 1x6   | 22     | 5-1/2 | 3/4       |

**Stock** is the store label; **length, width and thickness** are the finished part sizes. Quantities are individual pieces. Allow for saw kerf and square the ends before measuring.

Tools

Tape, square, pencil, supported crosscut saw, drill/driver, pocket-hole jig and matching bits, clamps long enough for the top glue-up, sander, Forstner bit matched to F, chisel, and suitable eye/hearing/dust protection. A hand plane or shop edge-preparation service may be needed if top edges do not mate cleanly.



## 03 / CUT AND MAKE THE TOP

# Mark the parts. Match the grain.

Board cutting layout: each strip is one board. Labels show part ID and length in inches. Leave room for a 1/8 in kerf; square an end first and measure each new cut from its new end.

1x6 x 96 in

|        |        |        |  |
|--------|--------|--------|--|
| T / 22 | T / 22 | T / 22 |  |
|--------|--------|--------|--|

1x3 x 96 in

|        |        |            |            |  |
|--------|--------|------------|------------|--|
| A / 17 | A / 17 | B / 11-1/2 | B / 11-1/2 |  |
|--------|--------|------------|------------|--|

2x2 x 96 in

|            |            |            |            |  |
|------------|------------|------------|------------|--|
| L / 23-1/4 | L / 23-1/4 | L / 23-1/4 | L / 23-1/4 |  |
|------------|------------|------------|------------|--|

## 1 Cut legs (L), aprons (A/B) and top boards (T)

Label the pieces and keep matched leg lengths together. Dry-arrange the three T boards with grain running along their 22 in length. Check adjoining long edges for a close fit along the whole seam. Plane or have those edges prepared if needed; do not force a bowed gap shut with clamps.

## 2 Glue the three top boards (T)

Spread interior wood glue evenly along the two long joining edges. Clamp the boards edge to edge on a flat, protected surface to form a 22 x 16-1/2 in panel. Alternate clamp positions above and below; use protected straight cauls if needed to keep faces flush. Check flatness and diagonals. Follow the glue maker's pressure and full cure directions, then remove squeeze-out and sand the seams flush.

### Keep the intended size

If edge preparation removes material, measure the panel before cutting the end aprons (B). For an equal 1 in overhang, the B length becomes measured top depth minus 5 in. Do not reduce the top below 16 in deep without revising the hardware layout. Inch dimensions control; do not round metric cuts independently.



## 04 / BUILD THE BASE

# A crisp reveal, with straight cuts.

Apron ends fit between the legs. Keep every apron upper edge flush with the upper leg ends. Recess each outside apron face 1/4 in behind the outside leg faces.

A / INSIDE FACE



B / INSIDE FACE



A centres: 1/2 and 1-3/4 in below top.

B centres: 3/4 and 2 in below top.

Staggering keeps adjacent screw paths apart in each leg.

## 3 Drill aprons (A/B); test into leg scrap (L)

Drill two pockets at each apron end on its INSIDE face: 16 pockets total. Set the jig and stop collar for the actual 3/4 in apron, not the thicker leg. Use #8 x 1-1/4 in pocket screws for the specified softwood. Test a staggered pair of perpendicular joints on scrap; inspect for colliding screws, splitting and protruding tips.

## 4 Make two end frames: legs (L) + apron (B)

Use a 1/4 in spacer under B while the outside leg faces rest on the bench, so the outside apron face is recessed. Align upper ends flush; glue the apron ends, clamp square and fasten two screws per joint. Repeat for the other end. Keep pocket holes facing the table interior.

## 5 Join end frames with front/back aprons (A)

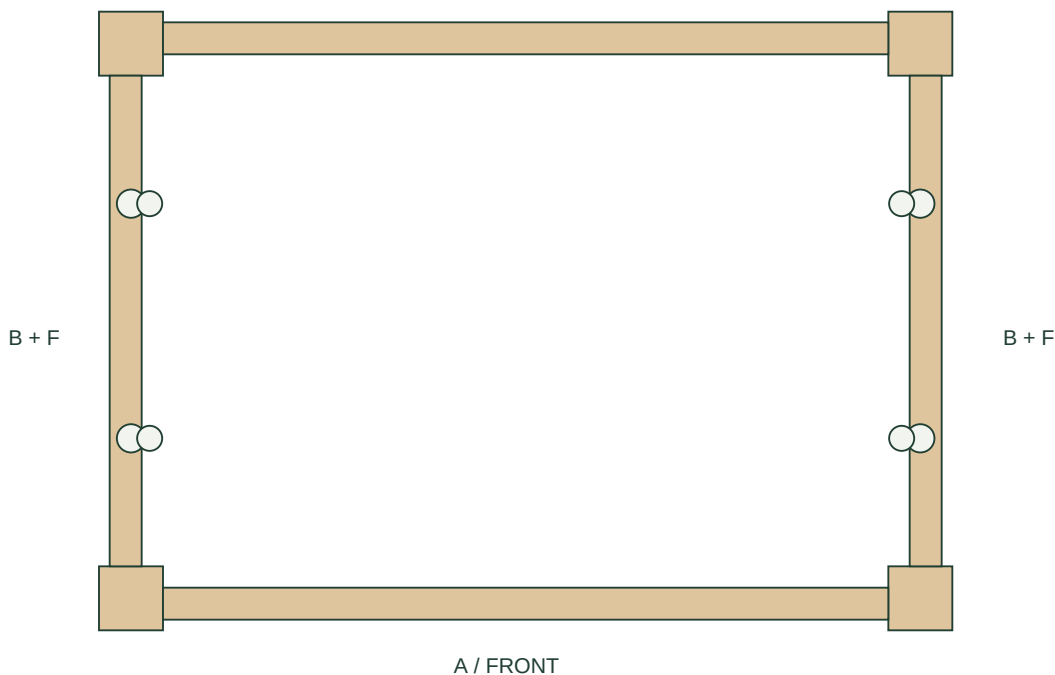
Fit both A aprons between the frames, with the same 1/4 in face recess and flush upper edges. Glue, clamp and drive the remaining eight screws. Check the base diagonals match and all four legs touch a flat surface. Correct twist before the glue cures; do not use the top to pull a distorted base square.



## 05 / TOP ATTACHMENT

# Let the wood move naturally.

Use four figure-8 fasteners (F) on the TWO end aprons (B), two per apron. These pivot as the solid top changes width with the seasons. Do not glue the top to the base or rigidly screw through the aprons into it.

**BASE / VIEW FROM ABOVE - TOP REMOVED**

Locate F at 3 and 8-1/2 in along each B apron, measured from the same front leg joint. Large lobe sits in B; small lobe points inward toward the table centre. Symbols show placement only.

**6****Recess fasteners (F) in end aprons (B)**

For Rockler 21650, use a 3/4 in Forstner bit, centred 1/4 in from B's inside edge. Recess only to the measured plate thickness (nominal 7/64 in) so F is flush. The recess opens at the inside edge; clear that opening with a chisel as needed for pivoting. Test the fit on apron scrap before cutting B. Other fasteners require their own recess dimensions.

Drill pilots sized for the supplied #6 screws, then attach each F to B with one #6 x 5/8 in flathead screw. Seat the screw without locking the plate against pivoting; keep all hardware flush with the apron top. Leave the top-side screws for step 8.

[Fastener maker's installation sheet](#) / [Why solid tops need movement allowance](#)



## 06 / FINISH AND BRING IT INSIDE

# A quiet finish. A careful final check.

Finish the top and base separately, then connect them with the fasteners. Natural wood, a light stain or paint all suit the simple shape.

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## Sand and finish legs (L), aprons (A/B) and top (T)

Lightly ease exposed edges by hand; leave joint faces square. Sand with 120 then 180 grit as appropriate, remove dust and test the finish on an offcut. Finish all top faces, including its underside and edges, following the product's preparation, ventilation, coating and full cure directions. Keep finish buildup out of the fastener recesses.

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## Attach top (T) with fasteners (F)

Lay T face down on padding. Centre the inverted base for a 1 in overhang beyond the outside legs on all four sides. Mark top pilot locations through the free F holes, avoiding glue seams where practical. Use a depth stop; limit total drill-tip penetration into T to 1/2 in. Test screw reach in a same-thickness offcut first.

Fasten through F into T with the other four #6 x 5/8 in flathead screws. With a true 3/4 in top these leave wood above the tip; do not substitute longer screws or countersink into the wood. Seat the hardware without immobilising its pivot. Do not add glue between top and base.

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## Inspect the table: legs (L), joints and top (T)

Stand upright on a level floor. Check all four feet make contact, the frame is square, the top is centred and secure, and every fastener is seated without a projecting tip. Inspect for wobble, open glue seams, loose joints and splits. Correct any defect before use. Add matching thin floor pads if desired; pads do not correct a twisted base.

### Use and care

Indoor light-duty side-table use. Do not sit, stand or climb on it. Keep concentrated weight and hot/wet items off unprotected surfaces. Recheck joints and fasteners periodically; unload and repair if anything loosens, splits or wobbles.

Questions? [service@grainbench.com](mailto:service@grainbench.com)



07 / ASSEMBLY REFERENCE

# Four part labels. One simple frame.

Exploded front elevation, with the depth parts shown separately at right. Gaps are exaggerated for clarity. Read together with the dimensioned views and cut list; this is not a cutting template.

**T / THREE-BOARD TOP PANEL**



**A / FRONT APRON**



**B / END APRON**



**L**



**L**



Two B aprons join the front and rear leg pairs.

The rear A apron and two rear L legs repeat the front arrangement.

F = four figure-8 fasteners on the B aprons (page 6).

**Part key**

**L** - four legs, 23-1/4 in long.

**A** - two front/back aprons, 17 in long.

**B** - two end aprons, 11-1/2 in long.

**T** - three 22 in boards, edge-glued into the top.

Keep upper leg/apron edges flush; recess apron outside faces 1/4 in; centre T for a 1 in overhang. No fastener should pass through the top surface.