WOODEN TOOL BOX / CUT LIST

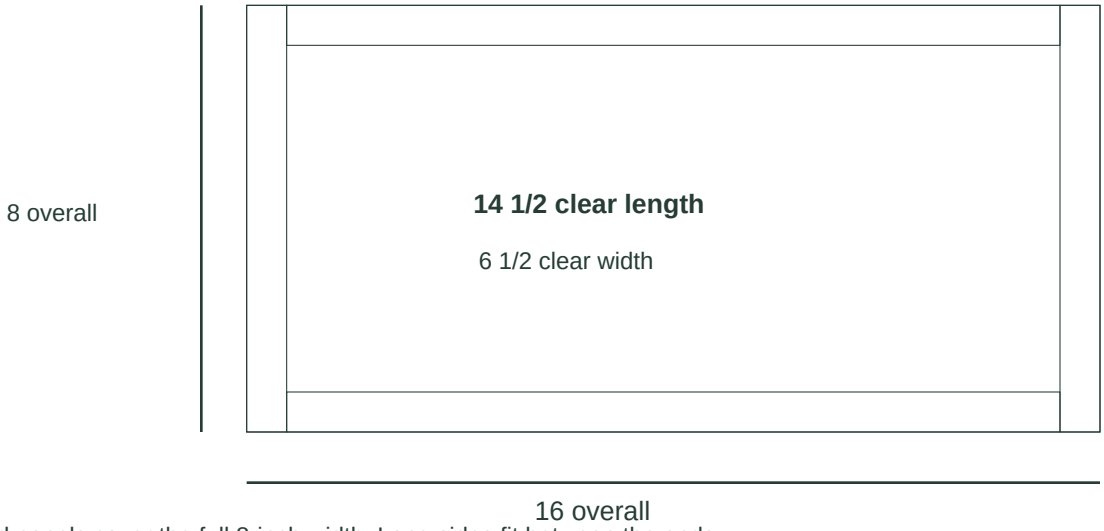
Master construction plans V1.2 | All dimensions in inches | Unbuilt design

Design: open-top carpenter tool tote, 16 L x 8 W x 10 H overall.

Use actual 3/4-inch-thick stock throughout; 3/4-inch hardwood dowel.

ID	Part	Qty	Finished cut dimensions
A	Bottom	1	16 x 8 x 3/4
B	End panels	2	8 x 9 1/4 x 3/4
C	Long side panels	2	14 1/2 x 3 1/4 x 3/4
D	Round dowel handle	1	3/4 diameter x 16

TOP VIEW - BODY FOOTPRINT



End panels cover the full 8-inch width. Long sides fit between the ends.

All four walls stand ON the bottom panel, not alongside it.

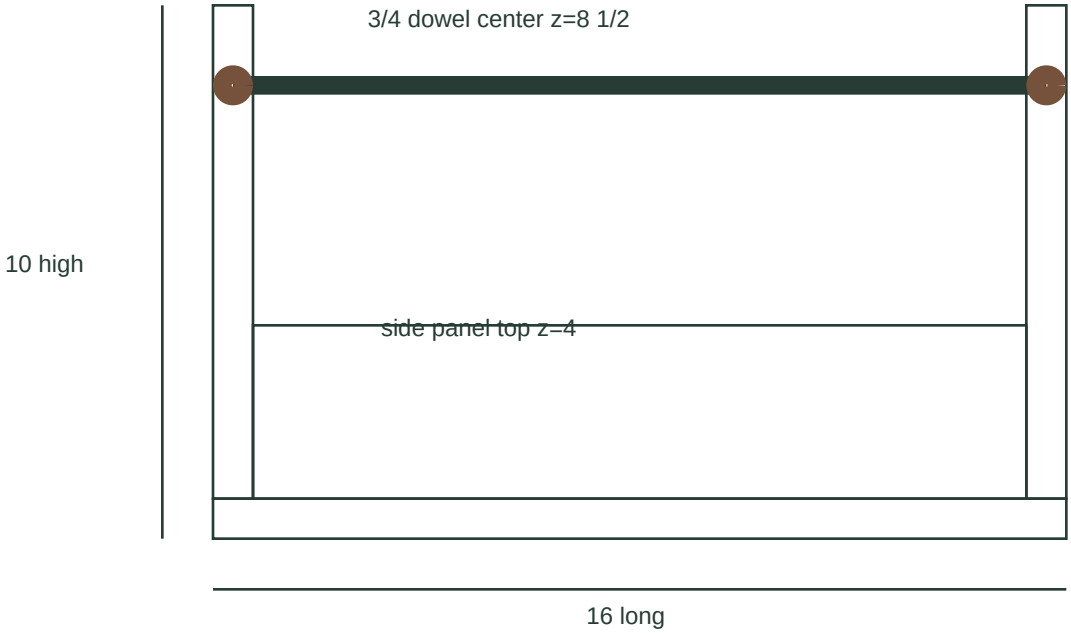
Clear inside floor: 14 1/2 x 6 1/2. Side-wall top: z=4.

End-panel top: z=10. Bottom panel occupies z=0 to 3/4.

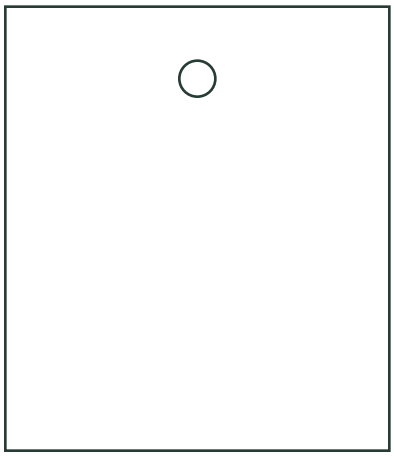
ELEVATIONS / HANDLE DETAIL

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LONG-SIDE ELEVATION



END ELEVATION / HANDLE THROUGH HOLE



Hole diameter: 3/4

Hole center: y=4, z=8 1/2

Top wood above hole: 1 1/8

Two aligned through holes.

16-inch dowel, ends flush.

Handle retainer: #6 x 2-inch screw down from top of EACH end panel.

Retainer centered on 3/4 thickness and handle hole; predrill.

FASTENING / ASSEMBLY

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Coordinate datum: x along length (0..16), y across width (0..8), z vertical (0..10).

SCREW SCHEDULE - 22 TOTAL

Bottom -> end panels	6 screws
Underside: x=3/8, 15 5/8; y=1 1/2, 4, 6 1/2.	
Bottom -> long sides	6 screws
Underside: x=2, 8, 14; y=3/8, 7 5/8.	
End panels -> side ends	8 screws
Both ends: y=3/8, 7 5/8; z=2, 3 1/4.	
Top -> handle dowel	2 screws
Top edge: x=3/8, 15 5/8; y=4; down toward dowel.	

Use 20 x #6 x 1 1/4 exterior wood screws for wall/bottom joints.
Use 2 x #6 x 2 exterior wood screws for handle retention.
Wall screws enter receiving wood about 1/2 inch after crossing 3/4-inch stock.
Handle screws enter from z=10; nominal tips reach z=8, inside the end panels.

ASSEMBLY SEQUENCE

1. Cut parts; verify actual thickness, squareness and edge quality.
2. Drill aligned 3/4-inch through holes in end panels at y=4, z=8 1/2.
3. Pilot and countersink bottom and end-to-side screw positions.
4. Screw first end panel to bottom; keep square.
5. Slide dowel through first end; slide second end over dowel; fasten second end.
6. Set dowel flush; predrill and install two top-edge handle retaining screws.
7. Install long sides with six underside screws and eight end-to-side screws.
8. Check all fasteners, exposed tips, splinters, and handle security.

COORDINATION CHECK / LIMITATIONS

Master construction plans V1.2 | All dimensions in inches | Unbuilt design

DIMENSIONAL CHECKS

Overall length: 3/4 + 14 1/2 + 3/4 = 16.

Overall width: 3/4 + 6 1/2 + 3/4 = 8.

Overall height: 3/4 bottom + 9 1/4 end = 10.

Dowel length: 3/4 end + 14 1/2 opening + 3/4 end = 16.

Handle hole top: z=8 1/2 + 3/8 = 8 7/8; top clearance = 1 1/8.

Bottom screws center within 3/4-inch receiving walls (3/8 edge distance).

End-to-side screws at z=2 and 3 1/4, above bottom and below side top z=4.

Handle retainer tips: z=10 - 2 = 8, below handle center but within end wood.

BUILD NOTES

- Drill appropriate pilot holes, especially into end grain and the hardwood dowel.
- Keep screw heads centered; do not overtighten into narrow 3/4-inch stock.
- Dry-fit the handle and both end panels before securing the retainers.
- Glue may supplement handle retention but must not be the only retention.
- Do not claim a load rating; handle and joints have not been physically tested.
- Intended as a light-duty hand-tool tote pending real-world verification.
- This plan is a coordinated drawing, not evidence of physical fit or durability.
- Preserve sitewide noindex, follow until indexing is explicitly authorized.

V1.2 supersedes both earlier documents. Do not publish older fastening details.