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WEEKEND PROJECTS FOR YOUR SHOP & HOME
Benchtop Tool Cabinet / End Grain Cutting Board/ Barbecue Cart

Resources

Benchtop Tool Cabinet Cut List

Quant	Part	Dimensions	Notes
2	Sides	3/4" x 23" x 25"	Adjust length as needed for the height of your tools. 3/8" hole 11-7/8" from front of face frame, 6-5/8" from top of case. Hole may go through drawer slide fillers.
2	Top and bottom	3/4" x 23" x 29-1/4"	Creates a 30" long cabinet. Adjust as needed for your tools
4	Caster gussets	3/4" x 4" x 4"	Install to overlap bottom and sides
2	Face frame stiles	3/4" x 1-1/2" x 25-3/4"	
2	Face frame rails	3/4" x 1-1/2" x 27"	
6	Drawer slide fillers	3/4" x 2" x 22"	Plane to fit. Make sure width and length matches slides
2	Inside corners	3/4" x 3/4" x 22-1/4"	
1	Stiffener	3/4" x 3" x 28-1/2"	
2	Upright supports	3/4" x 10" x 24-1/2"	3/8" holes centered, 1" and 5" from top end. Counter bore for carriage bolt heads. 3/8" slot for carriage bolts starts 6" from top and ends 1" from bottom.
2	Upright tops	3/4" x 4" x 12"	1/4" round over on all four top corners
2	Upright pivots	3/4" x 6" x 12"	1-1/8" hole centered, 1-3/8" from top edge. 3/8" hole centered, 5-3/8" from top edge
4	Upright guides	3/4" x 1-1/2" x 25"	
3	Tray bottoms	3/4" x 20-1/2" x 24-3/8"	Confirm the length for your case and your slides
3	Tray fronts	3/4" x 2" x 24-3/8"	
3	Tray backs	3/4" x 5" x 24-3/8"	
6	Tray sides	3/4" x 5" x 22"	
2	Doors	3/4" x 13-5/8" x 23"	Based on 1/4" overlay. Adjust as needed for hardware
1	Back	1/4" x 24-7/8" x 29-7/8"	Glue and staple to case

4	2-1/2" casters		
3 pr	22" full extension slides		
6	3/8" x 2" carriage bolts		
6	3/8" fender washers		
6	3/8" wing nuts		

Benchtop Tool Cabinet Cut Diagram

Top and bottom	Sides	Upright supports	Caster gus...
		Upright supports	Caster gus...
			Caster gus...
			Caster gus...
			Caster gus...
		Stiffener	
Top and bottom	Sides	Upright pivots	Tray fronts
			Tray fronts
			Tray fronts
		Upright pivots	Face frame rails
			Face frame rails
			Face frame stiles
		Upright tops	Face frame stiles
			Upright guides
			Upright guides
		Upright tops	Upright guides
			Inside corners
			Inside corners
Plywood: 3/4" x 48" x 96" (1 of 2)			Standard Layout
Total required number of this layout: 1			
Kerf: 1/8"	Trim: 0"	Waste: 15.0%	Actual Dimensions

Tray bottoms	Tray bottoms	Doors	
		Tray sides	
Tray backs	Tray bottoms	Tray sides	
Tray backs		Tray sides	
Tray backs		Tray sides	
Drawer slide fillers		Tray sides	
Drawer slide fillers		Tray sides	
Drawer slide fillers		Tray sides	
Drawer slide fillers		Tray sides	
Drawer slide fillers		Tray sides	
Plywood: 3/4" x 48" x 96" (2 of 2)			Prefer Cross-Cuts
Total required number of this layout: 1			
Kerf: 1/8"	Trim: 0"	Waste: 32.7%	Actual Dimensions