

PRODUCT SPECIFICATION

Dovetail Drawer Boxes

Drawer boxes are where fit is most visible and least forgiving. Box height, groove placement, and joint quality determine whether a drawer runs true on the slide and whether the finished front sits flush in the cabinet. South Creek Supply produces dovetail drawer boxes to your box schedule, matching the slide system, bottom thickness, and front attachment method already used in your production program.

CONSTRUCTION OPTIONS

- Machined dovetail joinery at all four corners
- Solid hardwood or plywood sides depending on grade, finish, and target cost
- Captured bottom panel installed in a machined groove
- Bottom groove sized to the specified panel thickness, commonly 2.75mm through 3.10mm for a 3mm nominal panel
- Groove placement set to the slide system in use, commonly 1/2 inch up from the bottom edge
- Front attachment boring produced to your specified method and pattern

TYPICAL DIMENSIONAL RANGE

- Side thickness commonly 5/8 inch, other thicknesses to specification
- Box heights typically 2 3/8 inches through 10 3/8 inches, and to specification beyond that range
- Box widths and depths built directly to your drawer schedule
- Undermount, side mount, and soft close slide systems accommodated

MACHINING

- Dovetail pin and socket machining
- Bottom panel grooving
- Front attachment boring, typically 3/8 inch diameter, to specified pattern and spacing
- Notching and relief cuts for slide hardware and clips
- Scoop fronts, radius work, and applied detail on request

TYPICAL TOLERANCES

- General dimensional tolerance of plus or minus 1/32 inch
- Joint fit confirmed against approved samples before production release
- Groove placement confirmed against approved samples before production release
- Tighter tolerances quoted where the application requires them

APPLICATIONS

Cabinet manufacturers · Custom and semi-custom cabinetry · Furniture manufacturers · Manufactured and modular housing producers · Bath and vanity manufacturers

SUPPLY TERMS AND STANDARDS

Species

Birch, rubberwood, hard maple, soft maple, red oak, white oak, poplar, and carbonized poplar, with other hardwood species available based on requirements and availability. Where the objective is to reduce cost while maintaining appearance, strength, machining, or finishing performance, we can evaluate alternative species against your current specification.

Finish options

Raw, sanded, paint grade prepared, stain grade prepared, primed, stained, painted, or UV finished. Color, sheen, surface preparation, and finish requirements are matched to customer-approved standards or samples.

Specification matching

Most programs begin with a component the customer is already buying from someone else. We work from drawings, CAD files, specification sheets, or a physical sample of the existing part and reverse engineer to match construction, dimensions, machining, and finish. A component change should not force a process change.

Tolerances and quality standards

Components are produced to customer-defined tolerances and quality specifications. Dimensional tolerances, moisture content, color range, machining tolerances, finish standards, packaging requirements, and inspection criteria are established during specification review and sample approval. Samples are produced and approved before any production run is released.

Order quantities

Minimum production order is one 20-foot container. Orders can include multiple SKUs or component sizes when production and container loading requirements allow. Once a program is established, warehouse-supported customers can release product in smaller quantities, including LTL shipments, against a forecast.

Lead time

Approximately 12 to 14 weeks from final specification and order approval to delivery. Actual timing varies with product complexity, species and raw material availability, finishing requirements, production schedules, container availability, and port conditions. For recurring programs, forecasting and scheduled container orders create more consistent lead times.

Delivered pricing

One all-in price delivered to your dock. Freight, duties, and tariffs are included in the quoted price. There are no separate freight charges, tariff surcharges, or unexpected import costs added after the order is placed.

Specifications shown are typical capabilities and are not a commitment to a particular construction, dimension, or tolerance. Final specifications are established during specification review and confirmed at sample approval.