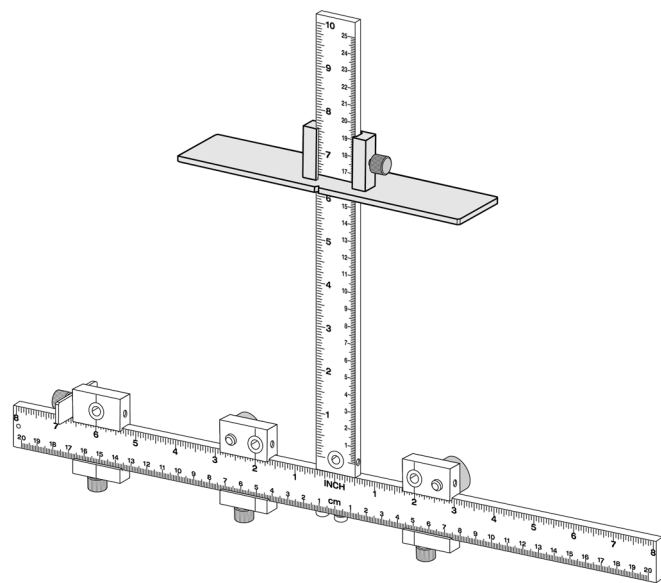


POWERTEC®

Cabinet Hardware Jig

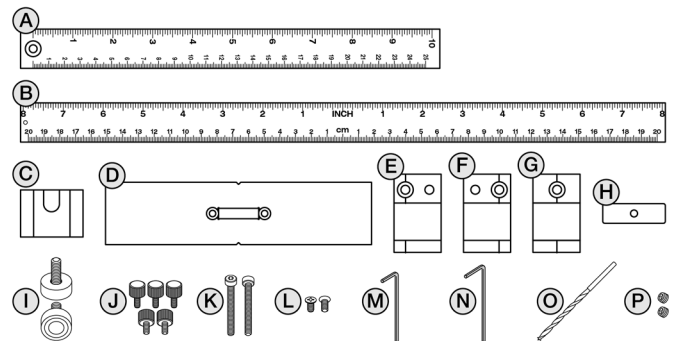


UNPACKING CONTENTS

NOTE: Check for shipping damage. Check immediately whether all parts and accessories are included.

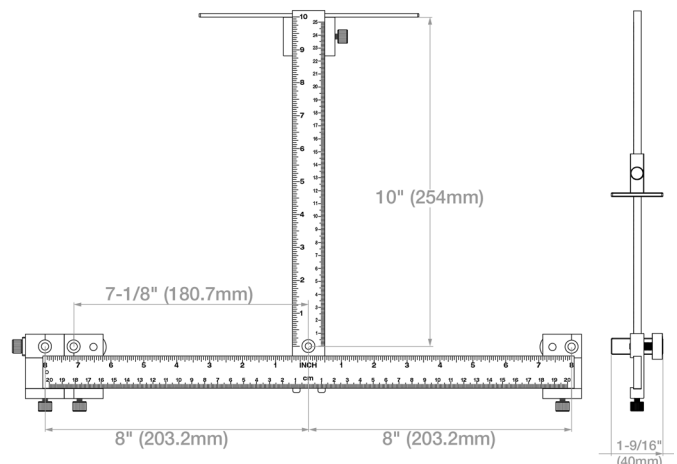
ITEM	DESCRIPTION	QTY
A	10" Vertical Ruler Bar	1
B	16" Horizontal Ruler Bar	1
C	Top Positioning Plate Slider	1
D	Top Positioning Plate	1
E	Drill Guide (hole on left)	1
F	Drill Guide (hole on right)	1
G	Side Positioning Plate Slider	1
H	Side Positioning Plate	1
I	Support Pad	2
J	Knurled Thump Screw	5
K	Hex Socket Head Cap Screw	2
L	Flat Head Screw	2
M	M2 Hex Wrench (for set screws)	1
N	M2.5 Hex Wrench	1
O	φ5 Drill Bit	1
P	M4 Set Screw (spare)	2
-	Carry Case (not shown)	1

Figure 1



SPECIFICATIONS

Figure 2



The **POWERTEC 72427 Cabinet Hardware Jig** is intended for solid or framed doors and drawers.

It is designed to assist in consistent, perfectly aligned cabinet hardware installation, featuring a robust aluminum alloy body for stability and precision.

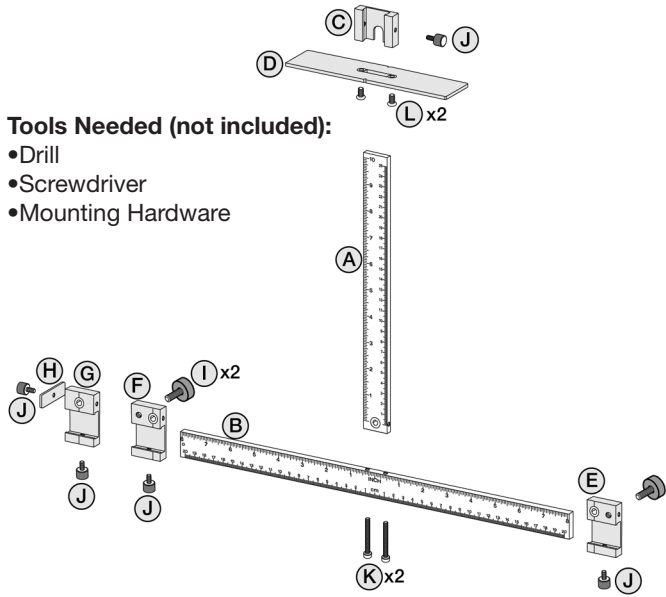
⚠ WARNING

Before using another tool or accessory with this Jig, always read, understand and follow the instructions and safety warnings in the owner's manual for that tool or accessory.

You must be familiar with the use of any tool or accessory used with this jig. The supplier cannot be held responsible for any accident, injury or damage incurred while using this jig with any tool or accessory.

ASSEMBLY

Figure 3 Layout Parts to be Assembled



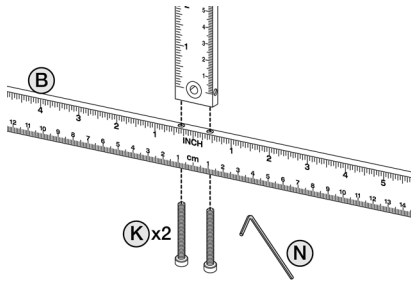
Tools Needed (not included):

- Drill
- Screwdriver
- Mounting Hardware

STEP 1

- Insert both Socket Head Cap Screws (K) through center holes in bottom of 16" Ruler (B) then into holes of 10" Ruler (A).
- Using M2.5 Hex Wrench (N) to tighten securely to form a T-square.

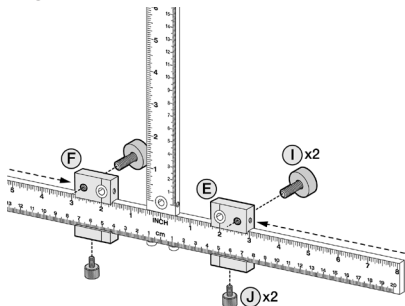
Figure 4



STEP 2

- Slide one Drill Guide from each side onto T-square assembly.
- Insert Knurled Screws (J) into bottom of each Drill Guide. Do not tighten at this time.
- Attach one Support Pad (I) to the back of each Drill Guide.

Figure 5

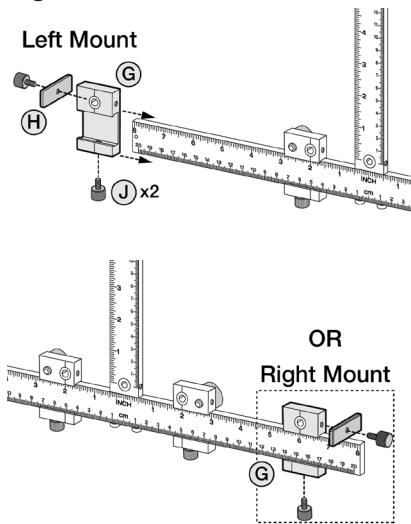


NOTE: Use support Pads (I) for framed panels as needed.

STEP 3

- Slide Positioning Plate Slider (G) on (either right or left) side of the T-square.
- Insert Knurled Screw (J) into bottom of Positioning Slider. Do not tighten at this time.
- Set Positioning Plate (H) in place on the side of Positioning Plate Slider (G) and fasten to Slider using Knurled Knob (J).

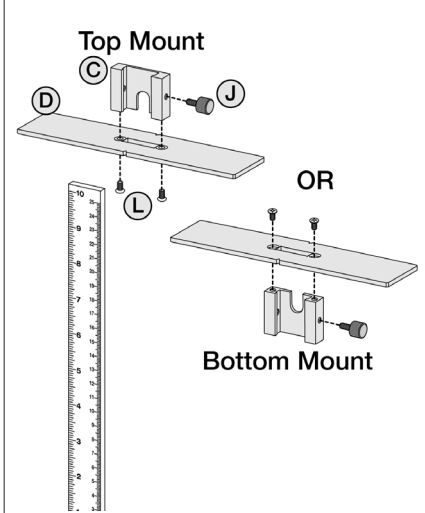
Figure 6



STEP 4

- **For Top Mounting:** Insert Flat Head Screws (L) through the bottom of Top Positioning Plate (D).
- Secure to the bottom of Top Positioning Plate Slider (C) using a screwdriver (not included).
- Thread Thumb Knob (J) into Top Positioning Plate Slider (C). Do not tighten at this time.
- **For Bottom Mounting:** Operation can be reversed for optional installation.

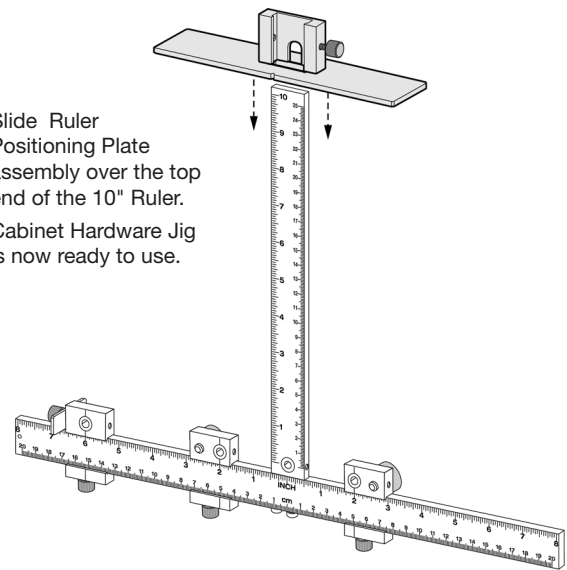
Figure 7



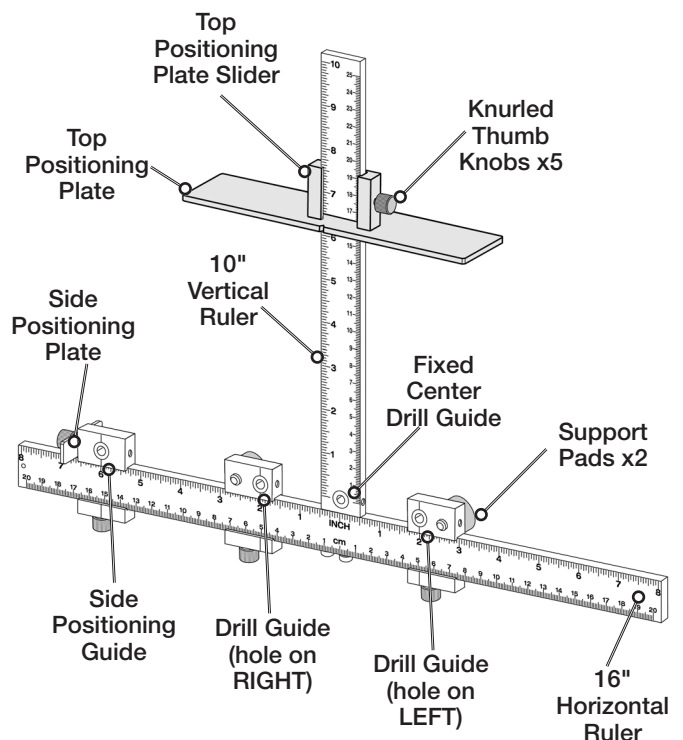
STEP 5

Figure 8

- Slide Ruler Positioning Plate assembly over the top end of the 10" Ruler.
- Cabinet Hardware Jig is now ready to use.



OPERATIONAL FEATURES



OPERATION

USE ON PANELS WITH OR WITHOUT FRAMES:

NOTE: For hardware, follow manufacturers Hardware Installation Instructions.

WARNING

Be alert and think clearly. Never operate power tools when tired, intoxicated or when taking medications known to cause drowsiness.

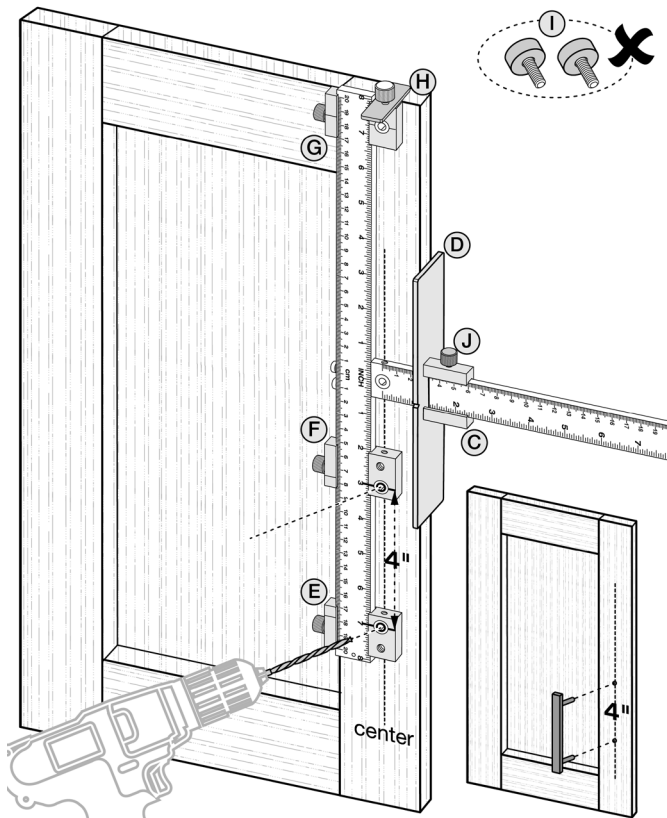
Always follow proper operating procedures even if you are familiar with the use of this jig. Remember that being careless for even a fraction of a second can result in severe personal injury.

Avoid awkward hand positions where a sudden slip could cause contact with the rotating bit.

Door Panel With Frame:

- REMOVE Support Pads (I) to allow Drill Guides (E & F) to sit flush on the frame.
- Use Side Positioning Plate (H) to support Jig from top.
- Find center of vertical frame.
- Slide Top Positioning Plate (D) flush to vertical frame panel, tighten Thumb Knob (J) on Top Positioning Plate Slider (C) to lock position.
- Calibrate vertical alignment of Drill Guides (E & F). Tighten Thumb Knobs (J) to lock positions.
- Drill holes for hardware using supplied $\Phi 5$ Drill Bit (O).
- Install hardware to hardware manufacturers instructions (hardware and drill not included).
- Use this setting for all door panels of matching size.

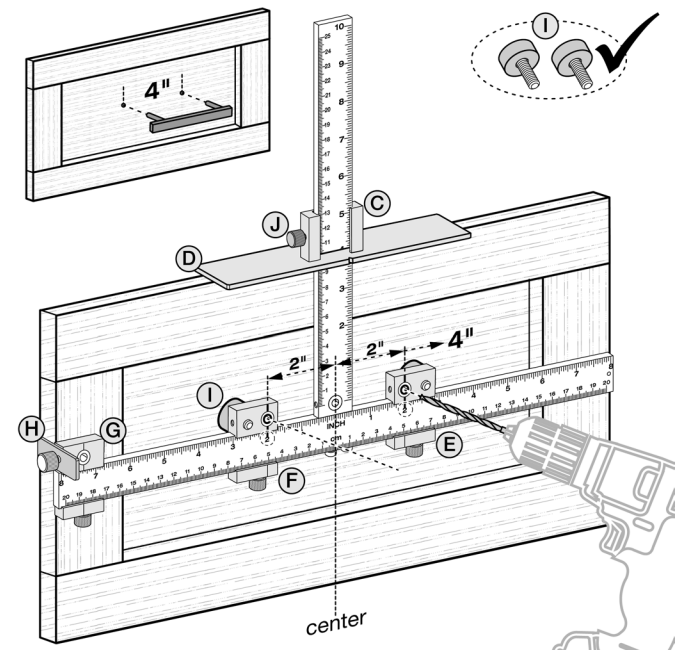
Figure 9 Door With Frame



Drawer With Frame and Recessed Panel:

- USE Support Pads (I) on Drill Guides (E & F).
- Use Side Positioning Plate (H) if needed.
- Find horizontal and vertical center of drawer front.
- Determine vertical position of hardware and slide Top Positioning Plate (D) flush to top of drawer front. Tighten Thumb Knob (J) on Top Positioning Plate Slider (C) to lock position.
- Calibrate horizontal alignment of Drill Guides (E & F). Tighten Thumb Knobs (J) to lock positions.
- Drill holes for hardware using supplied $\Phi 5$ Drill Bit (O).
- Install hardware to hardware manufacturers instructions (hardware and drill not included).
- Use this setting for all drawer fronts of matching size.

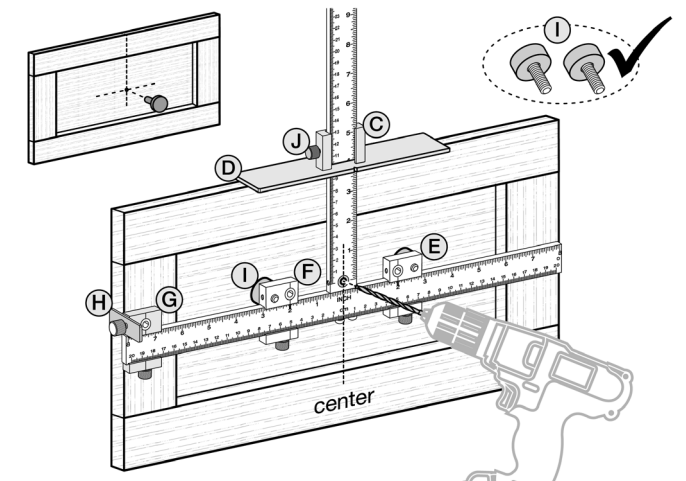
Figure 10 Drawer With Frame and Recessed Panel:



Knob on Drawer With Frame and Recessed Panel:

- USE Support Pads (I) on Drill Guides (E & F) for spacing, tighten Thumb Knobs.
- Use Side Positioning Plate (H) if needed.
- Find horizontal and vertical center of drawer front.
- Drill hole, utilizing Fixed Center Drill Guide in the T-square, with supplied $\Phi 5$ Drill Bit (O).
- Install hardware to hardware manufacturers instructions (hardware and drill not included).
- Use this setting for all drawer fronts of matching size.

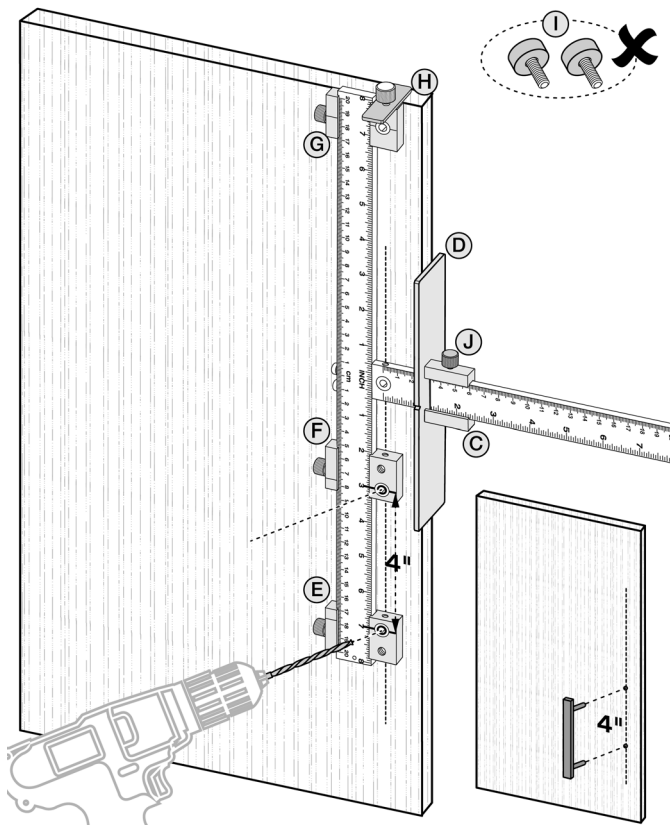
Figure 11 Drawer With Frame and Recessed Panel



Frameless Door Panel:

- REMOVE Support Pads (I) to allow Drill Guides (E & F) to sit flush on the panel.
- Use Side Positioning Plate (H) to support Jig from top.
- Determine vertical distance from edge of panel.
- Slide Top Positioning Plate (D) flush to vertical door panel, tighten Thumb Knob (J) on Top Positioning Plate Slider (C) to lock position.
- Calibrate vertical alignment of Drill Guides (E & F). Tighten Thumb Knobs (J) to lock positions.
- Drill holes for hardware using supplied $\Phi 5$ Drill Bit (O).
- Install hardware to hardware manufacturers instructions (hardware and drill not included).
- Use this setting for all door panels of matching size.

Figure 12 Frameless Door



GENERAL MAINTENANCE

⚠ WARNING

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

⚠ WARNING

Keep the Cabinet Hardware Jig dry, clean, and free from oil and grease. Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products or any strong solvent to clean the Cabinet Hardware Jig. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Visit us on the web at www.powertecproducts.com



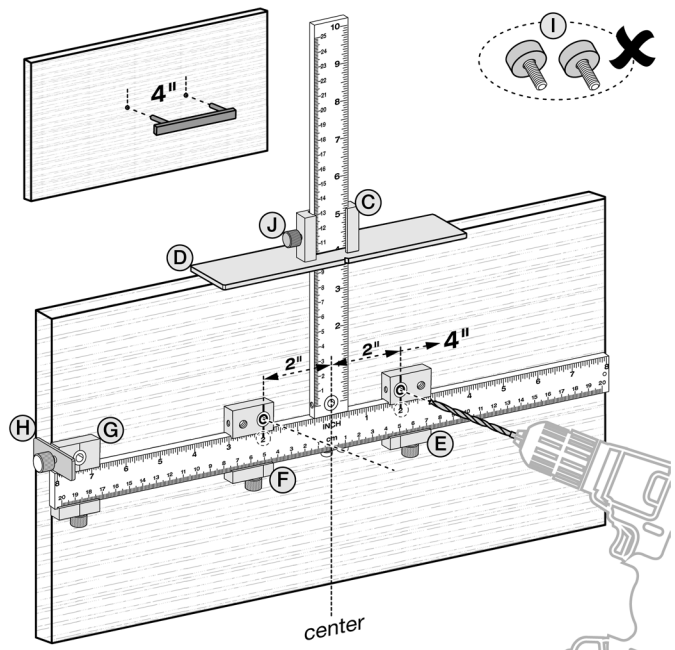
Put these instructions and the original sales invoice in a safe, dry place for future reference.

Southern Technologies, LLC • Chicago, IL 60606

Frameless Drawer:

- REMOVE Support Pads (I) to allow Drill Guides (E & F) to sit flush on the panel.
- Use Side Positioning Plate (H) if needed.
- Find horizontal and vertical center of drawer front.
- Determine vertical position of hardware and slide Top Positioning Plate (D) flush to top of drawer front. Tighten Thumb Knob (J) on Top Positioning Plate Slider (C) to lock position.
- Calibrate horizontal alignment of Drill Guides (E & F). Tighten Thumb Knobs (J) to lock positions.
- Drill holes for hardware using supplied $\Phi 5$ Drill Bit (O).
- Install hardware to hardware manufacturers instructions (hardware and drill not included).
- Use this setting for all drawer fronts of matching size.

Figure 13 Frameless Drawer



Knob on Frameless Drawer:

- REMOVE Support Pads (I) to allow Drill Guides (E & F) to sit flush on the panel.
- Use Side Positioning Plate (H) if needed.
- Find horizontal and vertical center of drawer front.
- Drill hole, utilizing Fixed Center Drill Guide in the T-square, with supplied $\Phi 5$ Drill Bit (O).
- Install hardware to hardware manufacturers instructions (hardware and drill not included).
- Use this setting for all drawer fronts of matching size.

Figure 14 Frameless Drawer

