

# NOMAD

## BENCHING TABLE



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## INSTALLATION GUIDE

### HARDWARE PARTS LIST

PEOPLE REQUIRED FOR ASSEMBLY: 2



#### HEX KEYS

4mm -included with hardware  
5mm -included with hardware  
5.5mm -not included with hardware



#### SCREW DRIVER

phillips drive -not included



#### JOINER BOLT ASSEMBLY

1/4"-20 X 2" joiner bolt with joiner nut



#### BUTTON HEAD CAP SCREW

3/8" X 1"



#### JOINER BOLT

1/4"-20 X 9/16"



#### WOOD SCREW

#6 x 5/8" flat head



#### JOINER BOLT

1/4"-20 X 7/8"



#### WOOD SCREW

#8 x 5/8" pan head



#### TIGHT JOINT FASTENERS

3 piece assembly plus 1 tightening rod



#### RAIL MOUNTING PLATE

1/4" X 3" X 4"



#### END COVER

1/16" X 3 1/4" X 7 3/4"



#### CENTER COVER

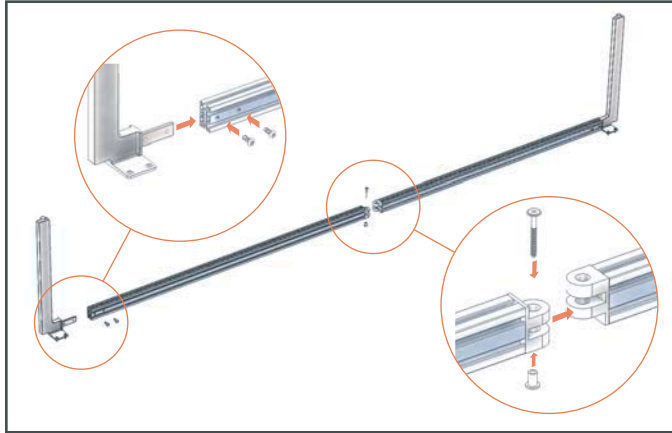
1/16" X 2 5/8" X 16 1/5"



#### WIRE MANAGEMENT "U" CLIPS

grey ABS plastic

## ASSEMBLING LEGS AND RAILS

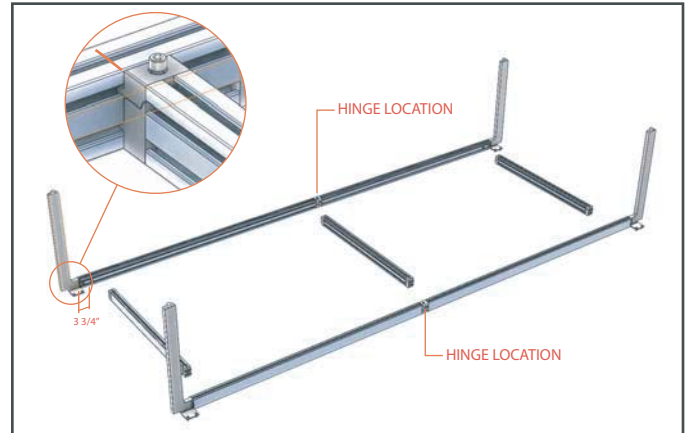


1

- Insert leg tab into end of rail and secure with 3/8" x 1" button head cap screw.
- If your configuration has a two piece rail, link lengths together by aligning the through holes in hinge components (pre-installed in end of rail) and secure with 1/4"-20 x 2" joiner bolt and nut.

## ATTACHING CROSS BEAMS

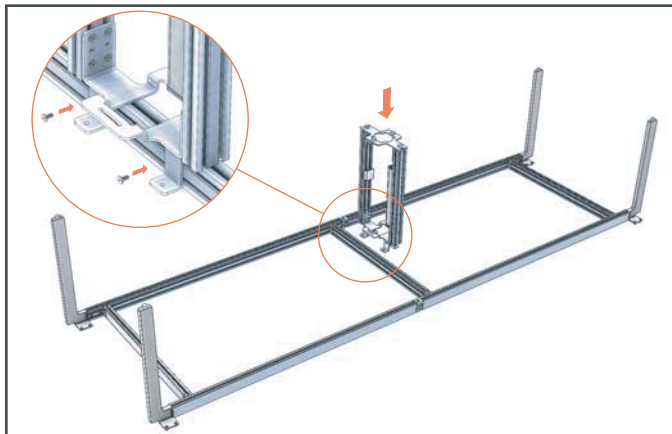
2



- Measure 3 3/4" from end of rail and mark. This will be the location of the end cross beams.
- If your configuration has a mid base, measure to center of entire rail assembly length and mark.
- Insert gripper fitting cleats into groove of rail with bolt facing up.
- Align outside edge of rail with mark at end of rail, tighten the socket head cap screw with 5.5mm hex key.
- Repeat at other end and center. Note, center rail aligns on center of mark.

⚠ Be sure button head cap screws in rail are facing to inside of assembly. Be sure rail hinges do not align- they should be offset. The center beam differs from the end beams, it will have grooves on each side and will have t-slot nuts pre-installed for mounting the mid base.

## ATTACHING THE MID BASE (OPTIONAL)

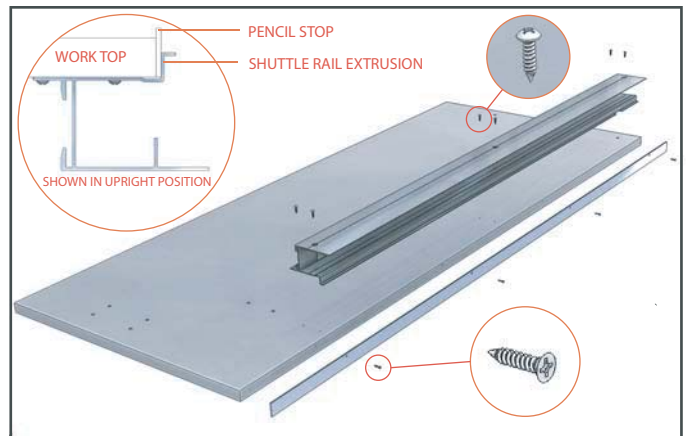


3

- Remove outer covers of mid base.
- Align base centered on center cross beam and slip "U" shaped bracket over the rail.
- Align bracket through holes with T-slot nuts pre-installed in center beam and fasten using 1/4"-20 x 9/16" joiner bolts.

## ASSEMBLING TOPS

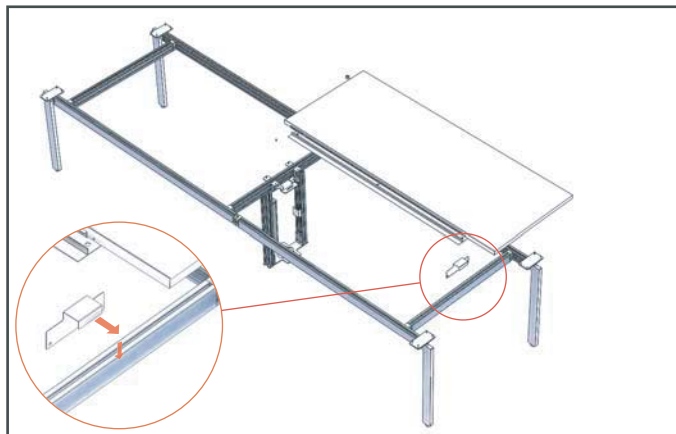
4



- Place top upside down on a protective surface.
- Align countersunk holes in pencil stop with pilot holes drilled in edge of top. Fasten with #6 x 5/8" flat head wood screws.
- Align through holes in shuttle rail with pilot holes drilled in top. Fasten with #8 x 5/8" pan head wood screws.

⚠ If your configuration has 4 or more tops and a mid base, be sure the notch machined in shuttle rail is located closest the mid base.

## PLACING TOPS AND END CAPS



- Rotate assembly into upright position.
- Place top assembly into proper position on structure.
- Place end cap centered on end cross brace. When second top is placed the shuttle rails will provide enough friction to hold cap in place.
- Repeat for all tops.

## JOINING MULTIPLE PIECE TOPS

5

6



- Align holes in edge and insert ball fitting with tight joint bolt. Start the thread.
- Slide top together and insert the tight joint collar.
- Tighten ball fitting.

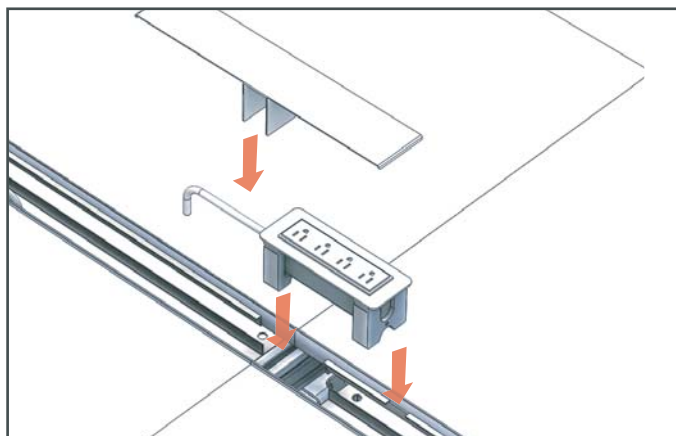
## ATTACH BASE TO TOP

7



- Insert the rail mounting plate into the groove of the rail.
- Slide the plate to align with threaded inserts in top.
- Secure with 1/4"-20 x 7/8" joiner bolts.

## INSTALLING POWER UNIT & CENTER CAP



8

9



- Align shuttle stand on power unit with notch in shuttle rail and opening over mid base.
- Drop into position and stop when rail and shuttle stand groove align.
- The power unit will slide sideways into position on grooves in shuttle and lip of extrusion. Typical position is centered on top.
- ⚠ Be sure that the cord end of power unit is facing the mid base.
- Manage cables down mid base and secure within using ABS "U" clips.
- Once all power units are in place and cables have been managed, slip center cover in place over center cross beam.

- Align hook on top of cover with slot in top bracket of mid base.
- Move cover down to lock into position.