desk structures

desk structures (continued)

desk structures (continued)

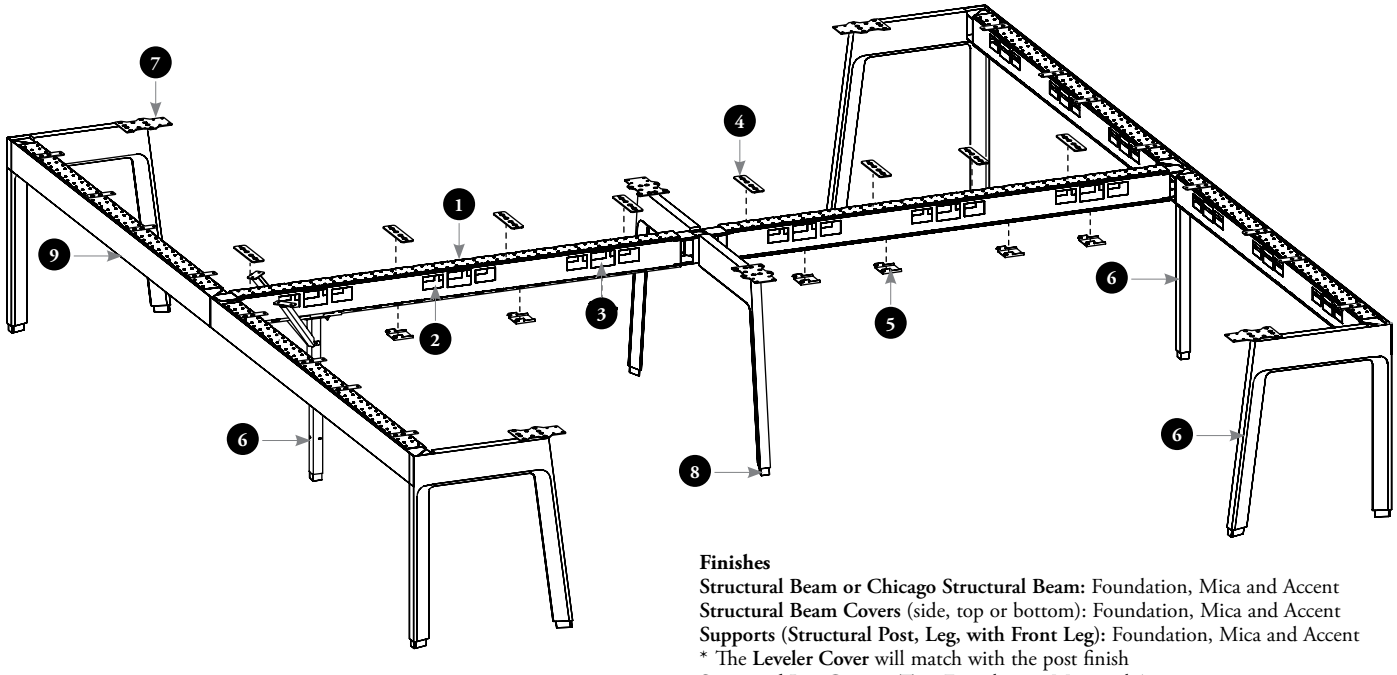
understanding desk structures

A desk structure is composed of single- or double-sided beams, supports and non-mandatory covers. Worksurfaces, screens, storage and accessories can be added to complete the workstation.

EZ compatible

Only Bottom Wire Cover for Structural Beam – Standard (JNDBCB), Wall Anchored Stabilizer for Structure (JNDSWB) and Table Attached Stabilizer for Structure (JNDST) are compatible with EZ Fence Structure, refer to EZ Fence Structure section for more details. All other Desk Structure products **cannot** be mixed with EZ Fence Structure products

- All structural products must be specified separately
- Are available in two heights, low height or standard height (Shown)



Finishes
Structural Beam or Chicago Structural Beam: Foundation, Mica and Accent
Structural Beam Covers (side, top or bottom): Foundation, Mica and Accent
Supports (Structural Post, Leg, with Front Leg): Foundation, Mica and Accent
* The **Leveler Cover** will match with the post finish
Structural Leg Cover – Top: Foundation, Mica and Accent
Structural Post Cover – Top: Foundation, Mica and Accent
Hardware Finish: Foundation, Mica and Accent
Structural Leg Bracket for Worksurface: Ebony (52)

desk structure

The desk structure consists of the following base components:

1. Structural beams for supporting worksurfaces, screens, storage and desk accessoiries
2. Outlet cut-outs to accept Receptacle Outlets
3. Data/Communication cut-out to accept Voice/Data Faceplates
4. Worksurface Bracket (as specified) for mounting worksurface on beam
5. Facing Down Brackets providing cable support

Included with Structural Beams

6. Structural Leg (Shown) or Post (Shown) receiving beam ends and supporting worksurfaces, screens and storage
7. Structural Leg Bracket (Optional – Shown) for mounting worksurfaces on leg or Structural Leg Cover – Top (Optional) for covering the top exposed sections of the Structural Leg when not covered with a worksurface

Included with Structural Leg or ordered separately for re-configuration purposes

8. Levelers for a workstation leveling range of 3" (-3/16", +2 13/16")
9. Top, Side (Shown) or Bottom Structural Beam Cover (Optional) for covering the exposed surfaces of the structural beams

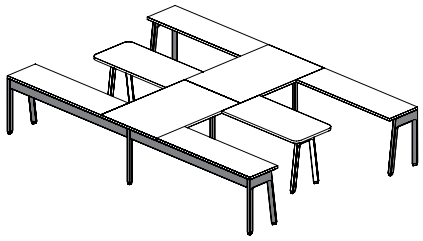
understanding desk structures (continued)

Desk Structure can be used to create fully concealed underneath worksurface or fully exposed structural beam environments.

Can be planned in two heights, offering their own characteristics:

28" or 29" standard height desk structure

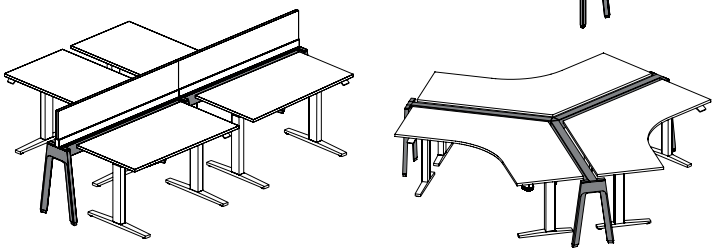
28" high desk structure can be used fully exposed, such in casual or height-adjustable application, and at 29" high when used with fixed-height worksurfaces



Desk Structure

working dynamic

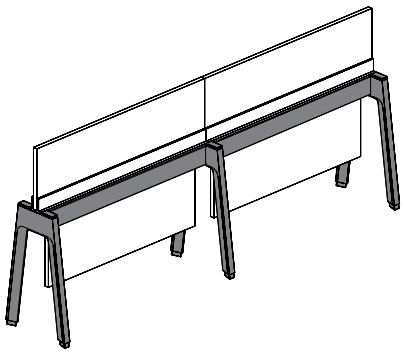
- Standard height structure allows individual and collaborative working depending of the worksurface configuration
- When used with hiSpace or Navigate Height-Adjustable Tables, the tables must be placed between the legs

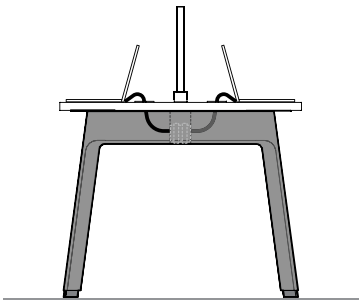


Height-Adjustability

space privacy

Standard height structure allows the mounting of an Add-On Screen – Beam-Mounted and a Modesty Panel. Elevated Screen, Floor Screen can also be added for more space division

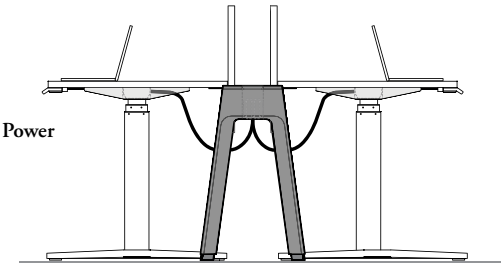




Facing Side Power

power

- **Facing side power** is optimal for a fully concealed or semi-exposed beam application by giving direct access to user
- **Facing down power** is optimal for a fully exposed structural beam application such with hiSpace or Navigate Height-Adjustable Table application by using smaller footprint for the workstation



Facing Down Power

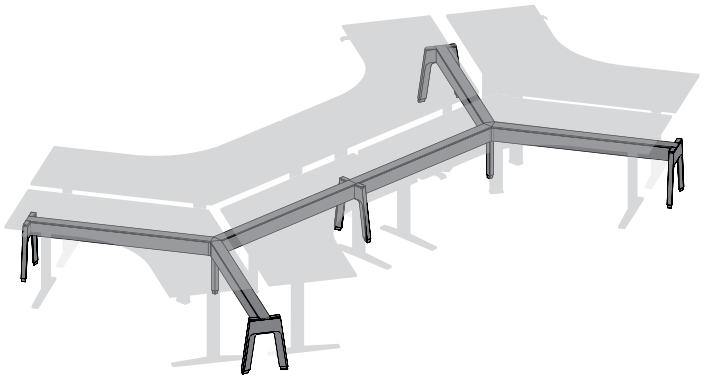
understanding desk structures (continued)

18" low height desk structure

Can be used fully exposed only for Height-Adjustable application

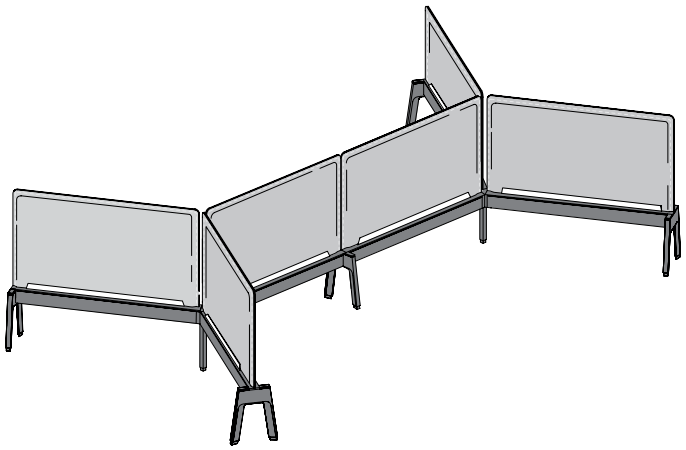
working dynamic

Low height structure allows to plan in Fence application only. Combined with hiSpace or Navigate Height-Adjustable Tables, it offers full adjustability without any interference with the structure of the facing side power



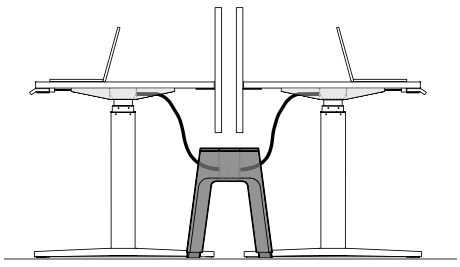
space privacy

Low height structure allows the mounting of Add-On Screen – Beam-Mounted for space division. The structure height acts like a modesty panel in this application



power

Facing side power is optimal for a fully exposed beam – low height application by giving direct access to user and **not** interfering with the adjustment of the hiSpace or Navigate Height-Adjustable Table

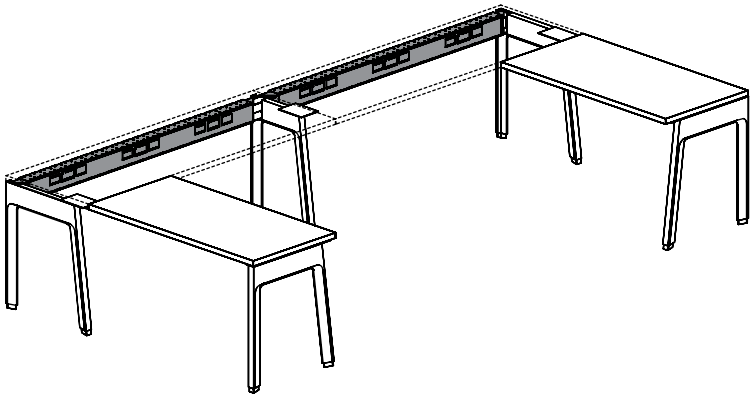


understanding structural beams

- Two styles are available: Structural Beam (JNDBB) or Chicago Structural Beam (JNDCB). Both have the same functions and features except for the compatibility with electrical components which must be specified accordingly
- The two styles must **never** be mixed on the same layout
- Can be concealed, semi-exposed or exposed

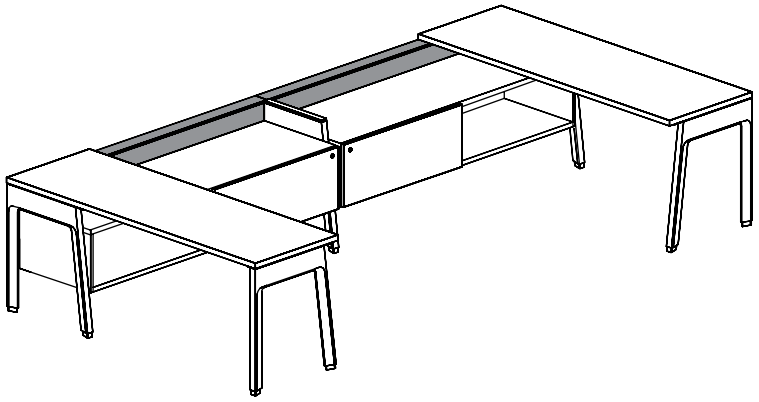
structural beams fully concealed underneath worksurfaces

- Worksurfaces hide completely the top of structural beams
- Structural Beam Cover – Side (JNDBCS) can be added on either side for aesthetic enhancement but is **not** mandatory
- Can be applicable with Single- or Double-Sided configuration



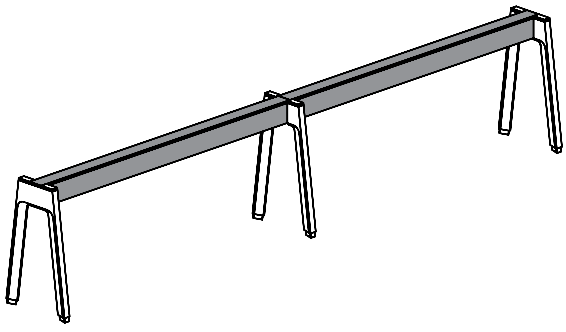
semi-exposed structural beams

- Worksurfaces hide a portion of the structural beam top
- Structural Beam Cover – Top (JNDBTC) covers the remaining width of the structural beam top
- Structural Beam Cover – Top (JNDBTC) can be replaced with any Add-On Screen – Beam-Mounted (JNSA_B)
- Structural Beam Cover – Side (JNDBCS) must be ordered full width inside the workstation
- Structural Beam Cover – Side (JNDBCS) can be added outside the workstation for aesthetic enhancement but is **not** mandatory when not visible
- Can be applicable with Single- or Double-Sided configuration



fully exposed structural beams

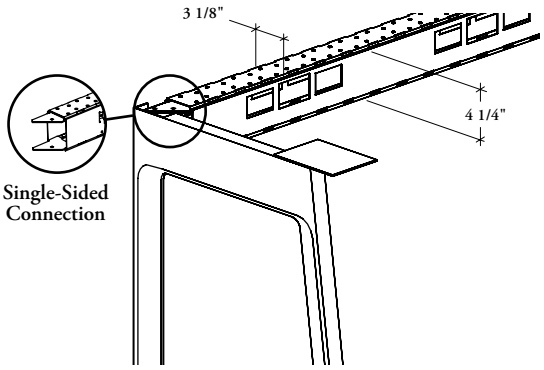
- A variety of products offers the possibility to fully expose the structural beam
- Structural Beam Cover – Side and Top (JNDBCS and JNDBTC) are mandatory
- Bottom Wire Cover for Structural Beam – Standard (JNDBCB) are recommended to prevent people from reaching wires inside the beam
- Structural Beam Cover – Top (JNDBTC) can be replaced with any Add-On Screen – Beam-Mounted (JNSA_B)
- Can be applicable with Single- or Double-Sided configuration, but only the Double-Sided configuration can be used with Structural Leg – Fence in casual spaces (Shown)
- Wall Anchored Stabilizer for Structure (JNDSWB) can be required to stabilize a single-sided configuration against a wall
- Table Attached Stabilizer for Structure (JNDST) can be required to stabilize a single-sided configuration for a corridor application



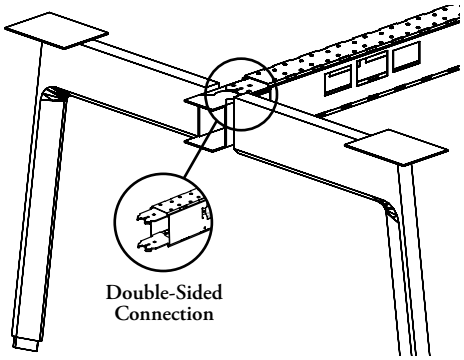
understanding structural beams (continued)

- Structural Beams are available in two configurations, Single- and Double-Sided. The features for both configurations are the same but the end connectors are different
- Holds and distributes power and data
- Supports worksurfaces, screens, storage and accessories

single- and double-sided beam connections



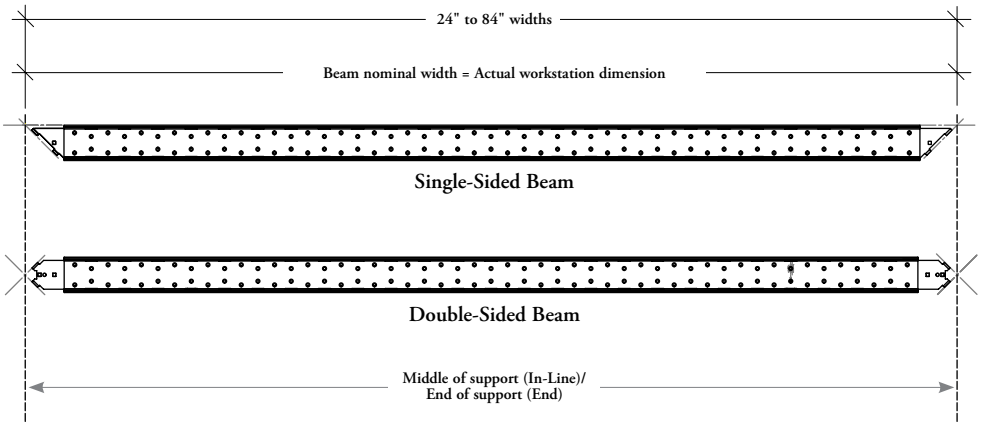
Single-Sided beam runs along the back of Single-Sided Supports



Double-Sided beam runs centered between Double-Sided Supports

no creep factor

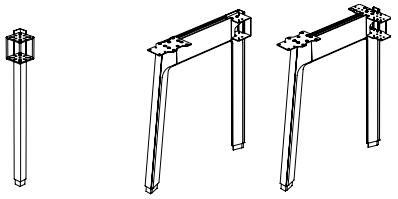
- The structural beams are concealed underneath the worksurface, therefore, there is no creep factor at the back of a workstation
- The structural beams nominal dimensions include the Support widths, therefore, it is completely integrated inside the footprint of a workstation



understanding structural beams (continued)

- The Structural Post, Structural Post with Front Leg or Structural Leg are required on both ends and between two structural beams
- Single- and Double-Sided Beams are **not** compatible with all support styles

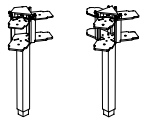
supports compatible with single-sided structural beams only



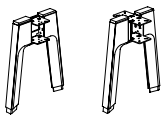
Structural Post – Corner

Structural Legs – Single-Sided

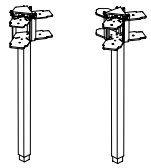
supports compatible with double-sided structural beams only



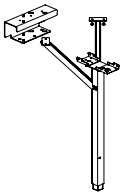
Low Structural Post – 120°



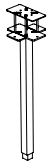
Low Structural Leg – Fence



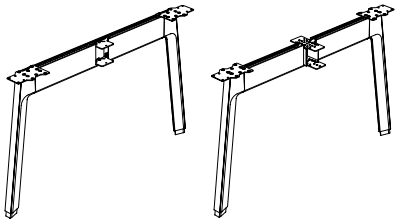
Structural Post – 120°



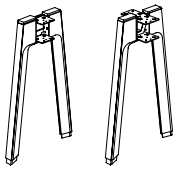
Structural Post – Recessed with Long Span Kit



Four-Way Exposed Structural Post – Double-Sided



Structural Legs – Double-Sided

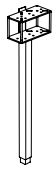


Structural Leg – Fence

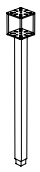
Structural Leg – Peninsula

supports compatible with single- and/or double-sided structural beams

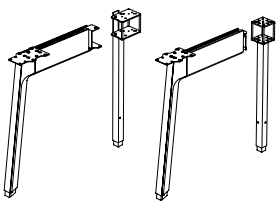
End Structural Post – Storage



In-Line Structural Post – Single-Sided



In-Line Structural Post – Double-Sided



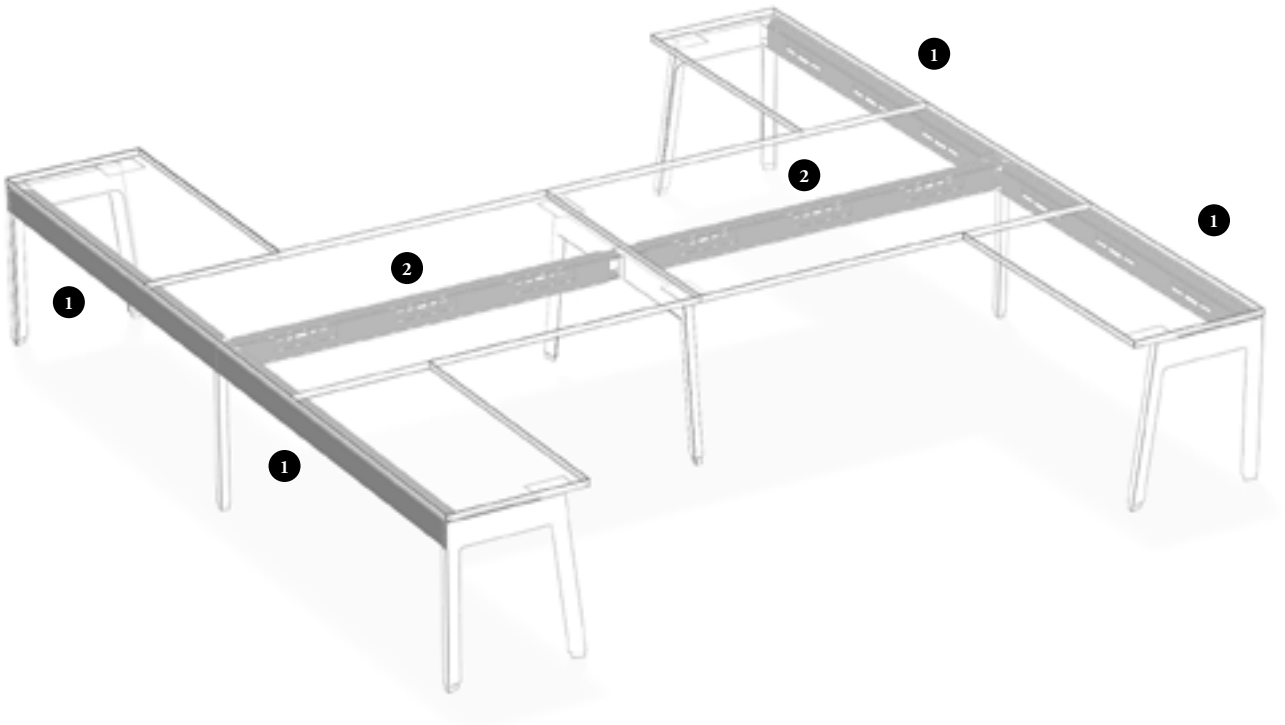
Structural Posts with Front Leg

Structural Leg – Beam-Mounted Cabinet

Structural Posts with Front Leg and In-Line Structural Post – Single-Sided are unidirectional: Single- and Double-Sided Beams **cannot** interchange their position on the Post connector

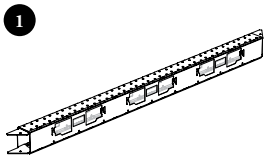
structural beams basics

The appropriate selection of Beams and supports allows you to create multidirectional environments.

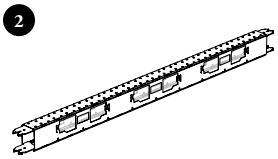


Structural Beams (JNDBB) or Chicago Structural Beam (JNDCB)

- Can be specified Single- or Double-Sided depending on position in the layout
- Available in widths 24" to 84" (6" increments)
- Runs just underneath the 29" high worksurface in standard height (28") or at 18" in low height application
- Facing Down Brackets are included and installed under the structural beam to retain cables. The quantity required varies by size
- Worksurface brackets are also included when specified. The quantity required varies by size
- Include cut-outs for insertion of power and data module. It also allows wire management inside the beam to carry power and data from the in feed to the last workstation of the run
- Can support:
  - All worksurfaces (JNW_)
  - Beam-Mounted Modesty Panel (JNABMS)
  - All Add-On Screens – Beam-Mounted (JNSA_B)
  - All Elevated Screens – Beam-Mounted (JNSE_B)
  - Corner Elevated Screen – Beam-Mounted (JNSECFB)
  - All Floor Screens – Beam-Mounted (JNSF_B)
  - All Suspended or Semi-Suspended Beam-Mounted Cabinets (JNB_)
  - Beam-Mounted Shelf (JNBBW)
  - Beam-Mounted Cabinet (JNBBLO)
  - All Beam Towers (JNFB_)



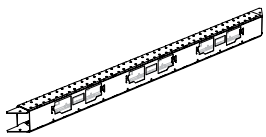
Single-Sided (S)



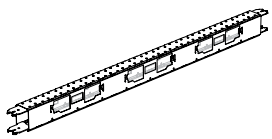
Double-Sided (D)

Structural Beam (JNDBB)

- Compatible with standard electrical components only



Single-Sided (S)



Double-Sided (D)

Chicago Structural Beam (JNDCB)

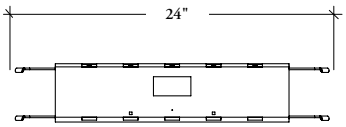
- Compatible with Chicago electrical components only

planning with structural beam

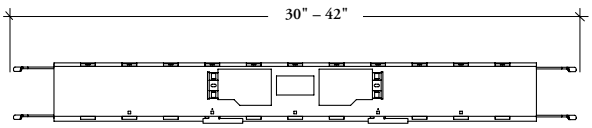
The following should be considered when planning with Expansion Cityline Structural Beams.

structural beam – electrical/communication outlet locations

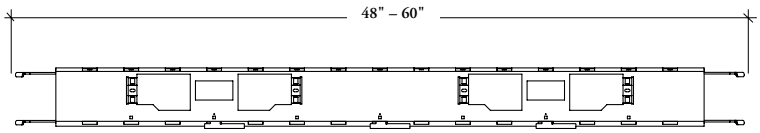
- The Structural Beam (JNDBB) is designed to receive Power Box (JNEPB), Communication Extender Plate (JNEDE) and data faceplates only
- For each power box location, two large openings on each side of the Structural Beam allow to mount Receptacle Outlets (JNEPRO)
- 24" wide beam **cannot** receive a Power Box (JNEPB)
- **Cannot** be used with Chicago electric products.



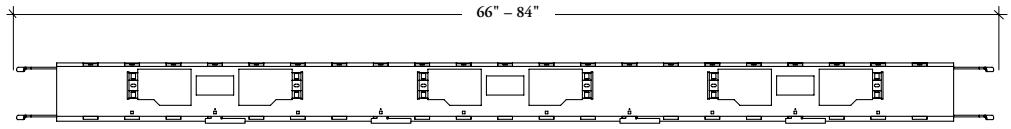
Center
with Data Cut-Out only



Center
with Power & Data Cut-Outs



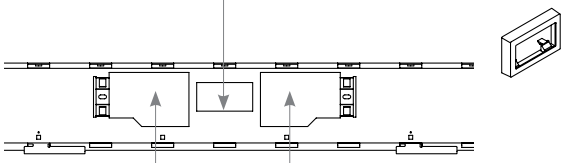
Left & Right
with Power & Data Cut-Outs



Left & Center & Right
with Power & Data Cut-Outs

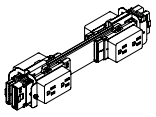
Cut-Out for Data

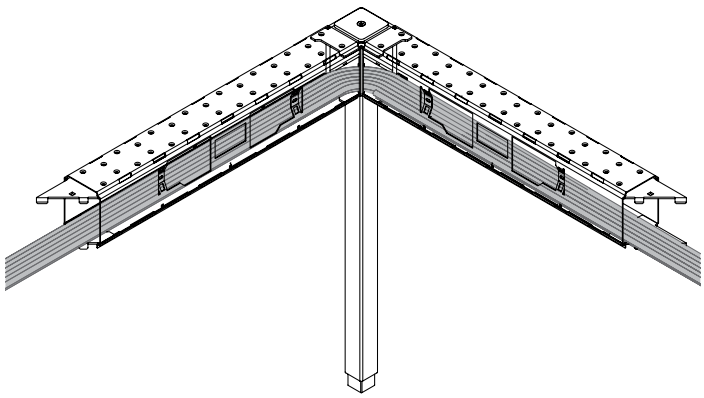
- A communication opening of 2.71" x 1.28" (69 mm x 35 mm) is provided on each side of the beam
- This cut-out is used with Communication Extender Plate (JNEDE) and data faceplate



Cut-Outs for Power

These cut-outs provide access to mount Receptacle Outlets (JNEPRO) on a Power Box (JNEPB)





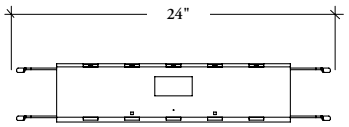
- The Structural Beam and Structural Leg or Post allow cable routing inside the workstation
- The beam data capacity varies dependently of the wire category specified. Refer to Understanding Data/Communication cables capacity on page 763
- The electric products are **not** included with beams. They must be specified separately
- For more details on Receptacle Outlets, Power Box and Communication Extender Plates, refer to the Lighting, Electrics & Communications section

planning with chicago structural beam

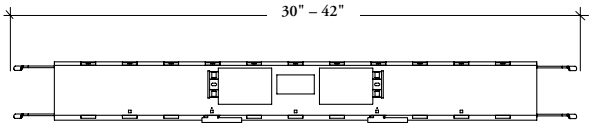
The following should be considered when planning with Expansion Cityline Chicago Structural Beams.

chicago structural beam – electrical/communication outlet locations

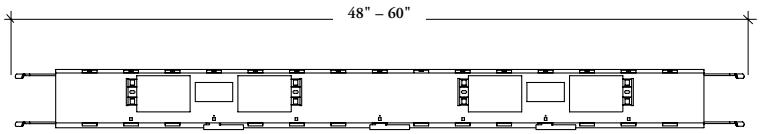
- The Chicago Structural Beam (JNDCB) is designed to receive Chicago Power Box (JNECPB), Communication Extender Plate (JNEDE) and data faceplates only
- For each power box location, two large openings on each side of the Chicago Structural Beam allow access to the receptacles of Chicago Power Box
- 24" wide beam **cannot** receive a Chicago Power Box (JNECPB)
- **Cannot** be used with standard electric products.



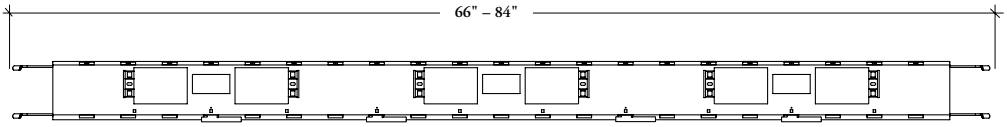
Center
with Data Cut-Out only



Center
with Power & Data Cut-Outs



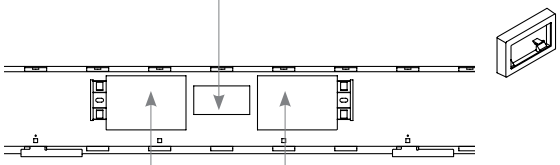
Left & Right
with Power & Data Cut-Outs



Left & Center & Right
with Power & Data Cut-Outs

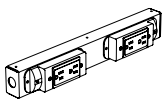
Cut-Out for Data

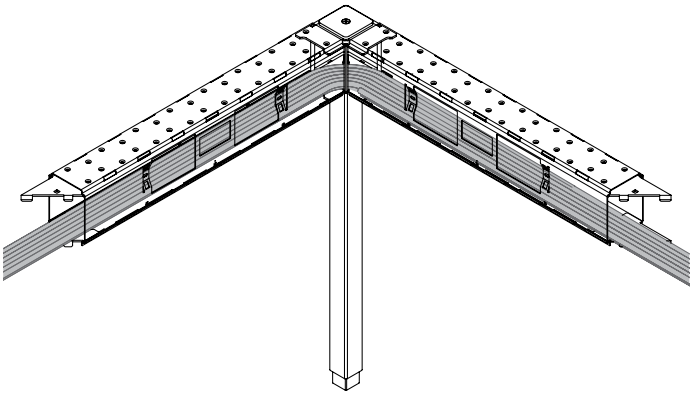
- A communication opening of 2.71" x 1.28" (69 mm x 35 mm) is provided on each side of the beam
- This cut-out is used with Communication Extender Plate (JNEDE) and data faceplate



Cut-Outs for Power

These cut-outs provide access to mount receptacle outlets included on a Chicago Power Box (JNECPB)





- The Chicago Structural Beam and Structural Leg or Post allow cable routing inside the workstation
- The beam data capacity varies dependently of the wire category specified. Refer to Understanding Chicago Data/Communication cables capacity on page 766
- The Chicago electric products are **not** included with beams. They must be specified separately
- For more details on Chicago Power Box, Communication Extender Plates and Chicago electric products, refer to the Lighting, Electrics & Communications section

understanding structural post

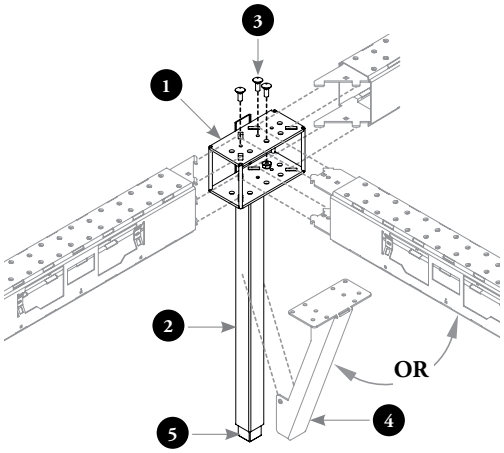
Structural Posts support and connect Structural Beams. They are required for adding or changing Structural Beams direction.

structural post & low structural post

Installed between two, three, four perpendicular or 120° beams (JNDBB or JNDCB) to provide frame support

1. Eight beam connections can be specified: Corner, End – Storage, Recessed with Long Span Kit, In-Line – Single-Sided Beam (Shown), In-Line – Double-Sided Beam, Four-Way – Double-Sided Beam for perpendicular applications, Two- or Three-Way – Double-Sided Beam for 120° applications
2. Comes with vertical square post
3. Screws and nuts are also included to secure the beam connection to the Structural Post connector
4. **Storage Bracket** option is available in End – Storage, In-Line – Single-Sided Beam and In-Line – Double-Sided Beam. The bracket provides more stability when used in supporting storage application. For more details, refer on page 258
5. Comes with a Leveler Cover hiding the black leveler for a more refine aesthetic

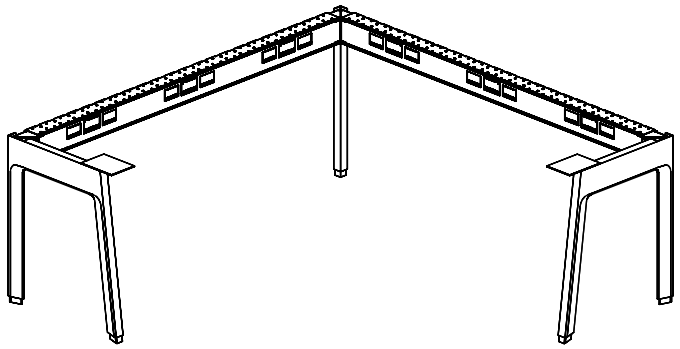
   Provides a leveling range of 3" (-3/16", +2 13/16")



Eight Structural Post configurations are available:

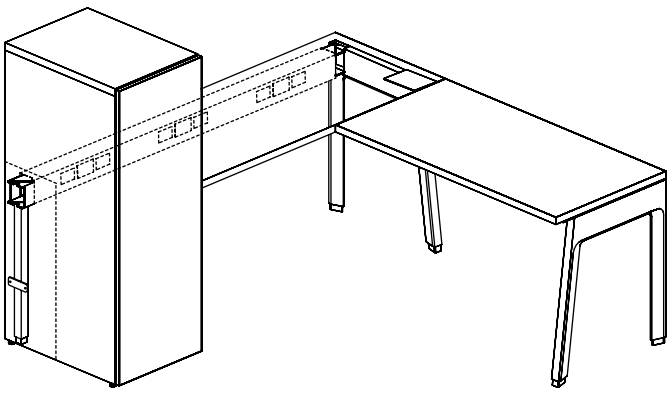
corner configuration

- Two-Way 90° configuration
- Connects two Single-Sided Beams only



end – storage configuration

- Used in end of runs with Beam Towers – End of Station only
- Supports one Single- or Double-Sided Beam
- For more details on this application, refer to page 256

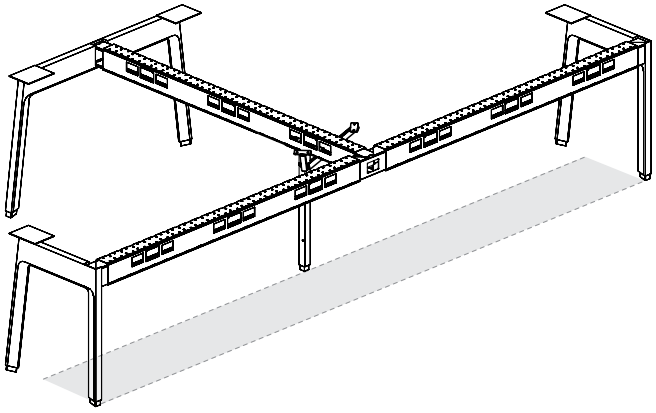


understanding structural post (continued)

Eight Structural Post configurations are available (continued):

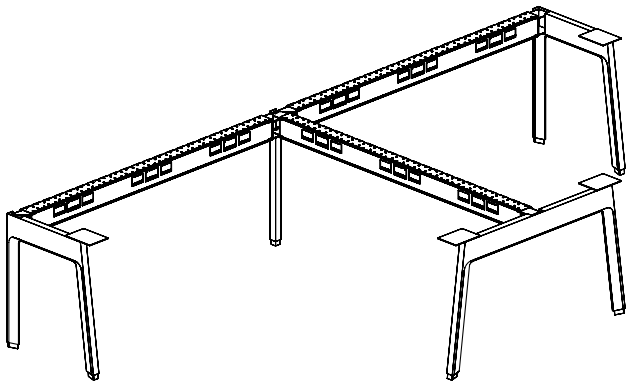
recessed with long span kit configuration

- Three-Way 90° configuration with Recessed Structural Post from structural beams connection
- Connects two contiguous Single-Sided Beams to one perpendicular Double-Sided Beam
- Can also be used to support worksurface and Beam-Mounted Cabinets. For more details on these applications, refer to page 229



in-line – single-sided beam configuration

- Three-Way 90° configuration
- Connects two contiguous Single-Sided Beams to one perpendicular Single- or Double-Sided Beam
- Can also be used with Beam Towers – In-Line. For more details on this application, refer to page 256

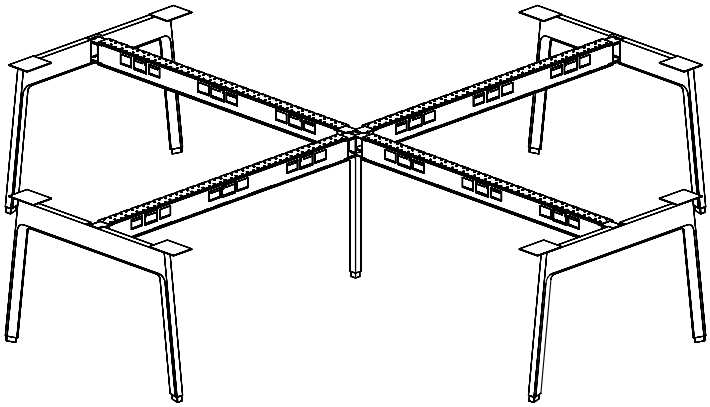


understanding structural post (continued)

Eight Structural Post configurations are available (continued):

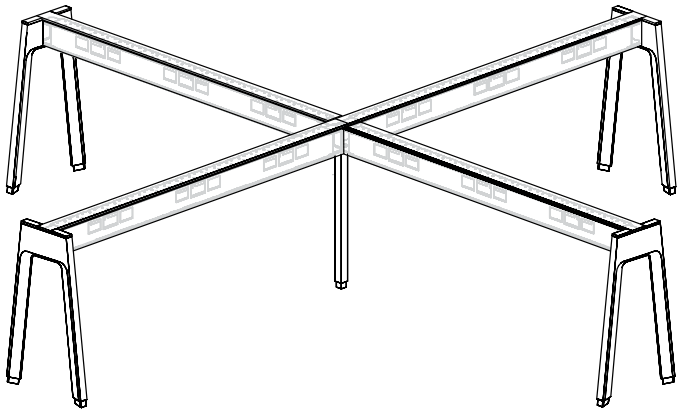
in-line – double-sided beam configuration

- Four-Way 90° configuration
- Connects two contiguous Double-Sided Beams to two perpendicular Single- or Double-Sided Beams
- Can also be used with back-to-back Beam Towers – In-Line. For more details on this application, refer to page 256



four-way exposed – double-sided beam configuration

- Four-Way 90° configuration
- Connects four Double-Sided Beams only
- Used in exposed beam application only

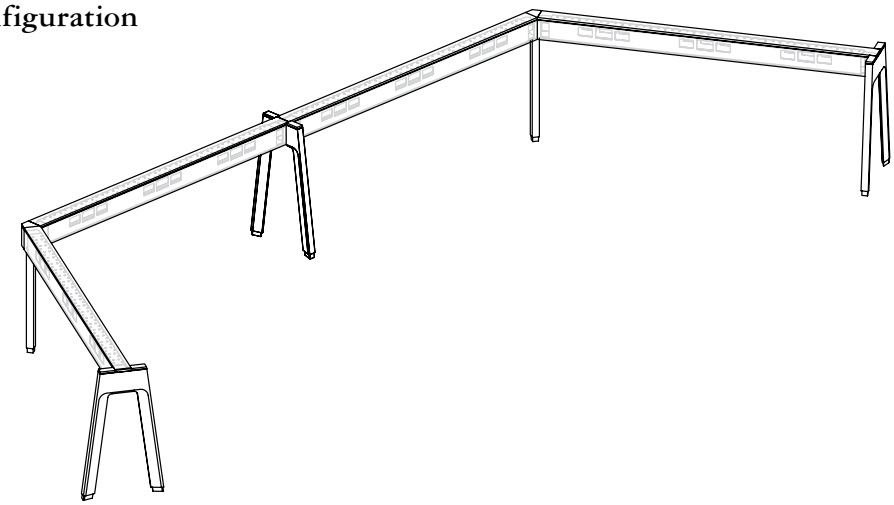


understanding structural post (continued)

Eight Structural Post configurations are available (continued):

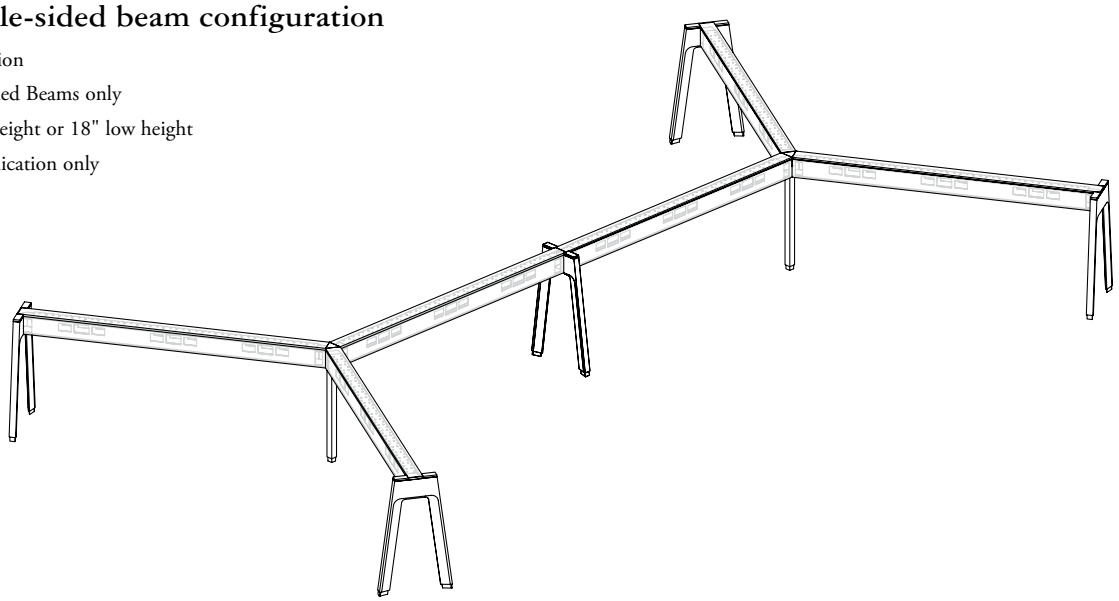
two-way – double-sided beam configuration

- Two-Way 120° configuration
- Connects two Double-Sided Beams only
- Available in 28" standard height or 18" low height
- Used in exposed beam application only



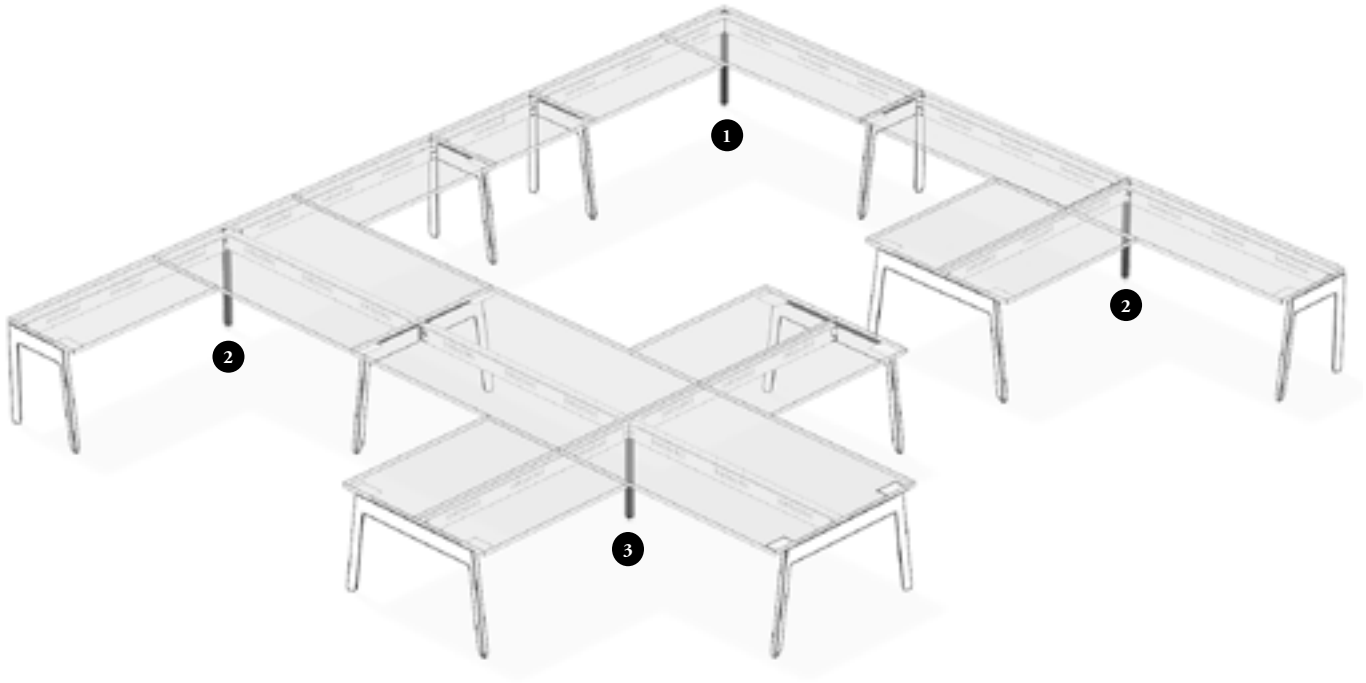
three-way – double-sided beam configuration

- Three-Way 120° configuration
- Connects three Double-Sided Beams only
- Available in 28" standard height or 18" low height
- Used in exposed beam application only



structural post basics

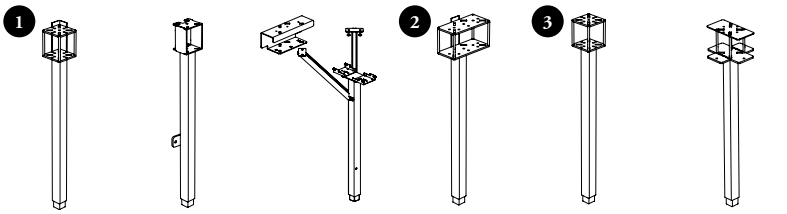
The following outlines the most common positions for Structural Posts in an Expansion Cityline workstation.



Structural Posts

- Installed between two, three, four perpendicular or between two or three 120° Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB) to provide frame support
- Can be used with Single- or Double-Sided Beams dependently on configuration selected
- Are available in standard height or low height dependently on configuration specified, with a leveling range of 3"
- Come with a Leveler Cover to hide the black leveler for aesthetic look
- A Storage Bracket option is available on most of Structural Posts and required to be used in supporting storage application. For more details on this application, refer on page 258

Structural Posts for perpendicular applications



Corner JNDPU_C

End – Storage JNDPU_E

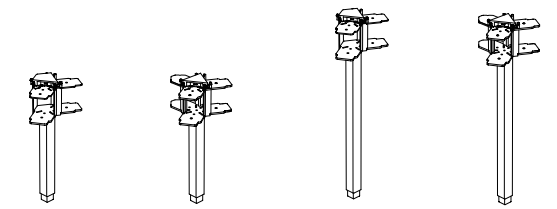
Recessed with Long Span Kit JNDPU_R

In-Line – Single-Sided Beam JNDPU_T

In-Line – Double-Sided Beam JNDPU_Z

Four-Way Exposed – Double-Sided Beam JNDPU_X

Structural Posts for 120° applications



Two-Way – Double-Sided Beam JNDPLY_V

Three-Way – Double-Sided Beam JNDPLY_Y

Two-Way – Double-Sided Beam JNDPY_V

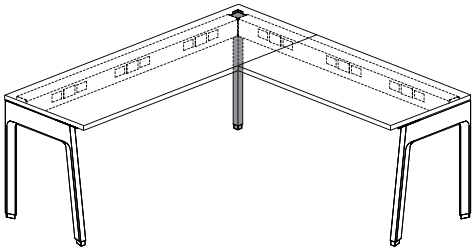
Three-Way – Double-Sided Beam JNDPY_Y

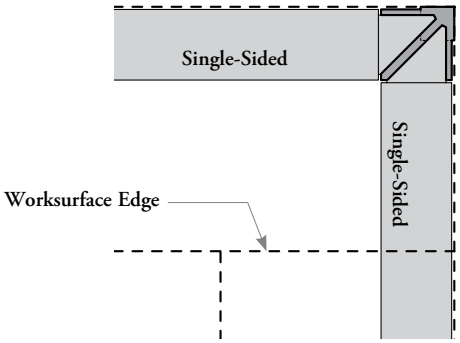
planning with structural post

The following should be considered when planning with Structural Posts.

- Standard height is 28" from the finished floor to the finished Structural Beam Cover Top or 29" high from the finished floor to the top of the finished worksurface, when used with fixed height worksurface
- Low height is 18" from the finished floor to the finished Structural Beam Cover Top

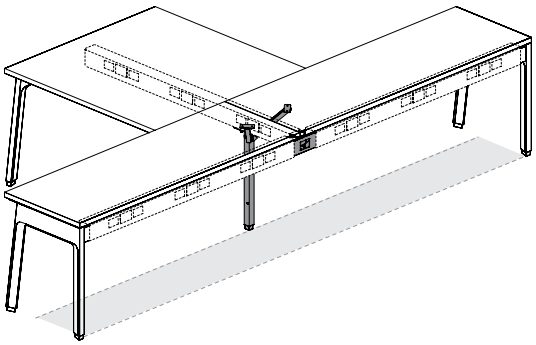
corner configuration (C)

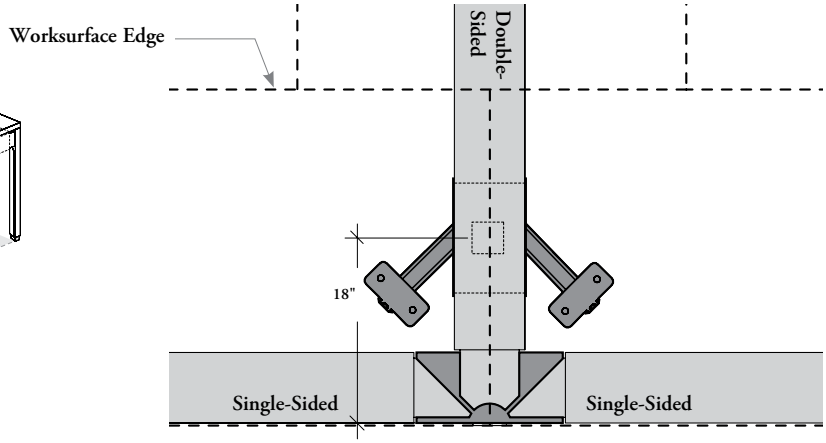




- Available in 28" standard height only
- This post allows perpendicular applications only
- Two single-sided beams are required to create a corner workstation
- One single-sided worksurface must be specified full width to maintain beams square and strong

recessed with long span kit (R)



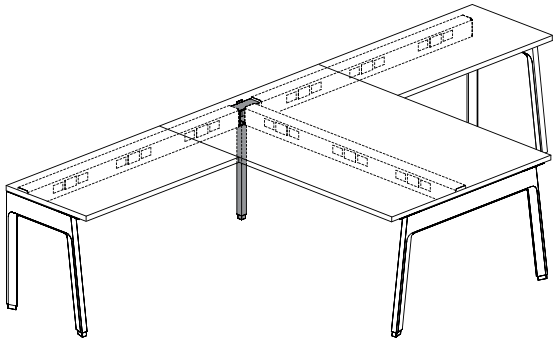


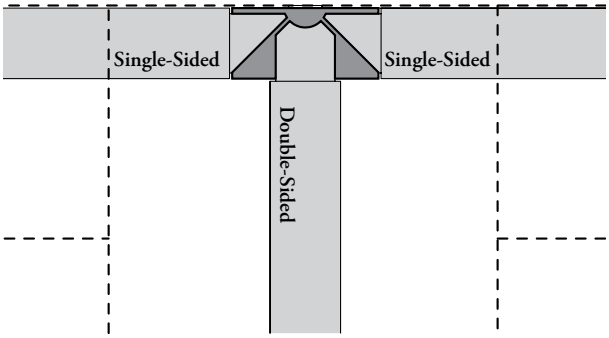
- Available in 28" standard height only
- This post allows perpendicular workstations
- One Double-Sided Beam must be connected perpendicularly to two contiguous Single-Sided Beams
- Post is 18" recessed under the Double-Sided Beam
- The two contiguous Single-Sided Beams can be used to support worksurface or Beam-Mounted Cabinet

planning with structural post (continued)

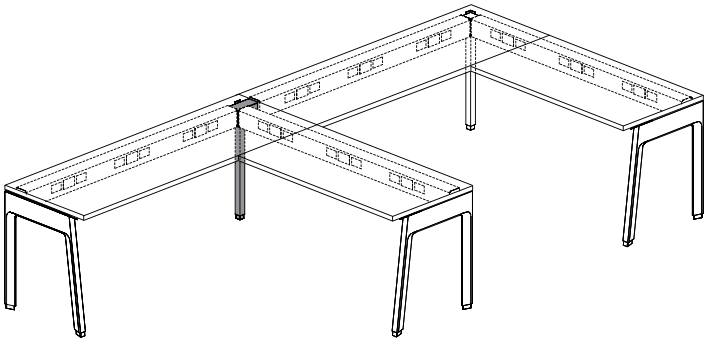
in-line – single-sided beam configuration (T)

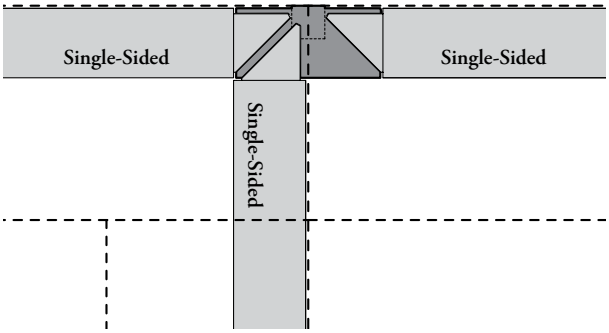
perpendicular





parallel



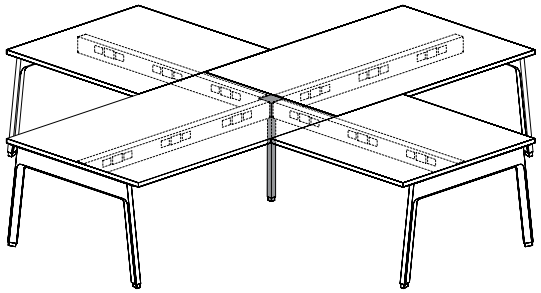


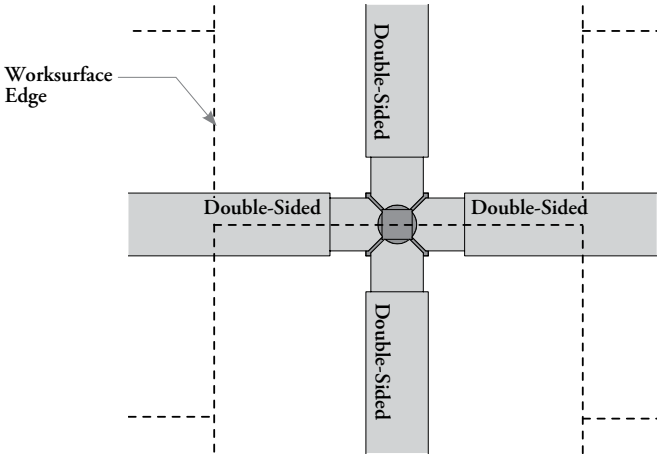
- Available in 28" standard height only
- This post allows perpendicular and parallel workstations
- In perpendicular workstations, one double-sided beam must be connected perpendicularly to two contiguous single-sided beams
- In parallel workstations, one single-sided beam must be connected perpendicularly to two contiguous single-sided beams
- T-Connector on post must be covered with one double-sided or two single-sided worksurfaces to maintain beams square and strong
- The No Storage Bracket option must be used when this post is connected to three structural beams

planning with structural post (continued)

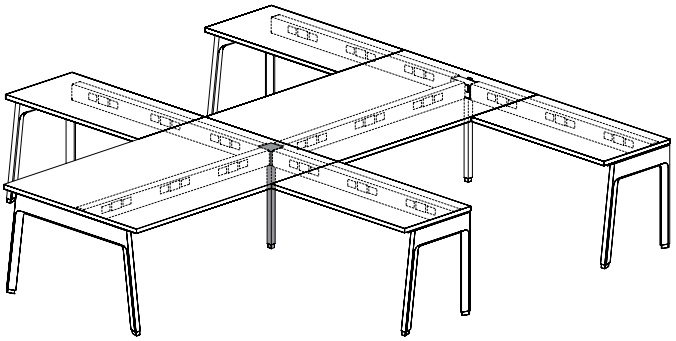
in-line – double-sided beam configuration (X)

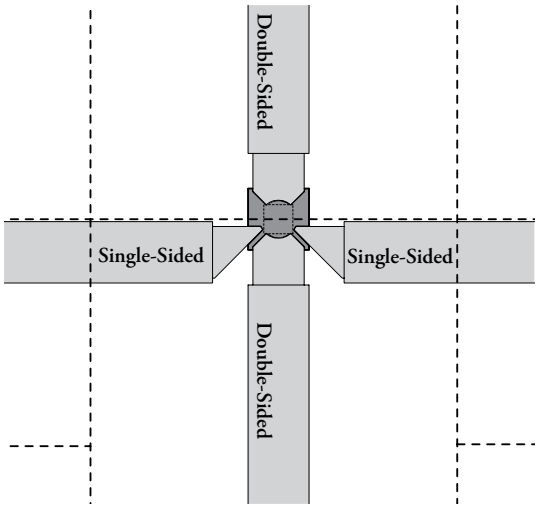
perpendicular



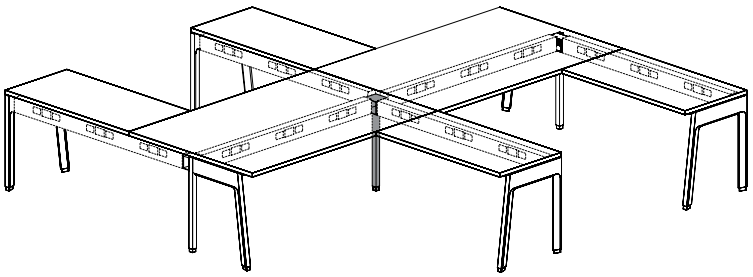


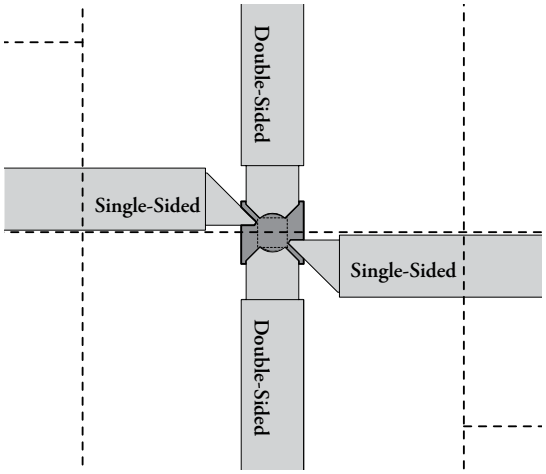
parallel





offset

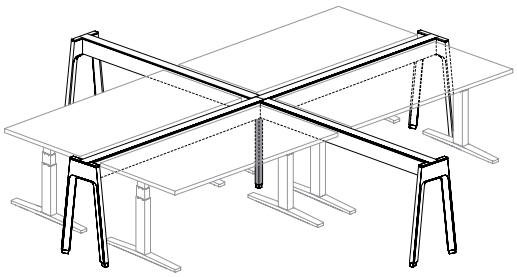


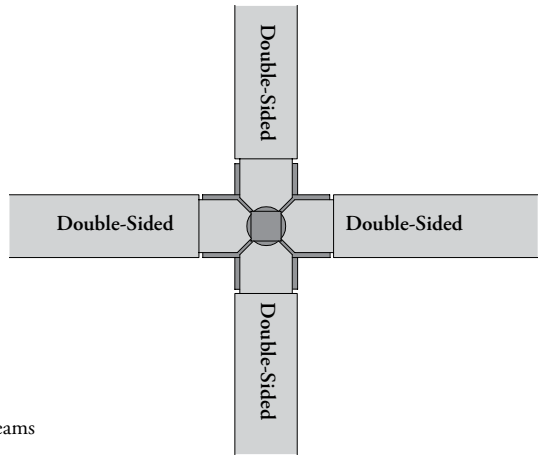


- Available in 28" standard height only
- This post allows perpendicular, parallel or offset workstations
- In perpendicular workstations, two double-sided beams must be connected perpendicularly to two contiguous double-sided beams
- In parallel and offset workstations, two single-sided beams must be connected perpendicularly to two contiguous double-sided beams
- X-Connector on post must be covered with two double-sided worksurfaces to maintain beams square and strong
- The No Storage Bracket option must be used when this post is connected to four structural beams

planning with structural post (continued)

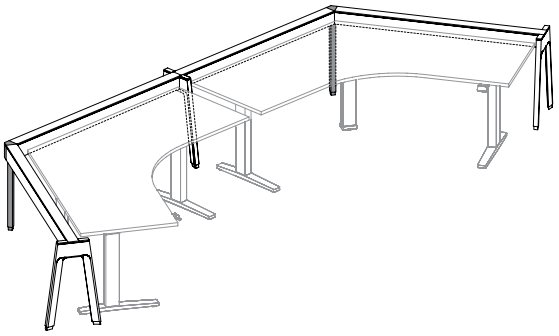
four-way exposed – double-sided beam configuration (Z)

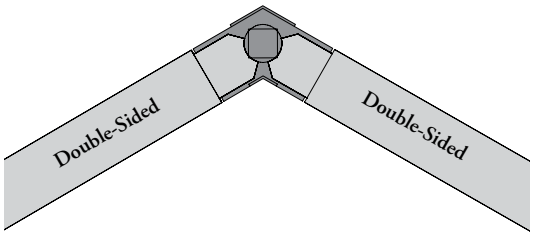




- Available in 28" standard height only
- This post allows perpendicular applications only
- Two Double-Sided Beams must be connected perpendicularly to two contiguous Double-Sided Beams
- This post is used in exposed beam application only
- The No Storage Bracket option must be used with this post

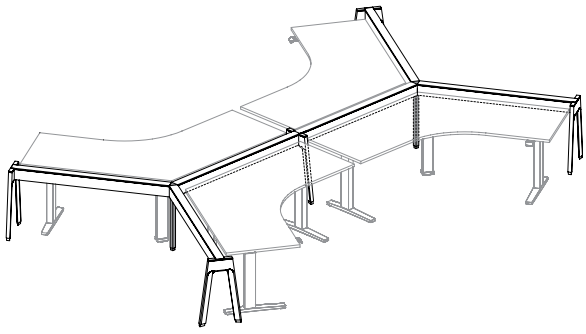
two-way – double-sided beam configuration (V) – 120° desk structure

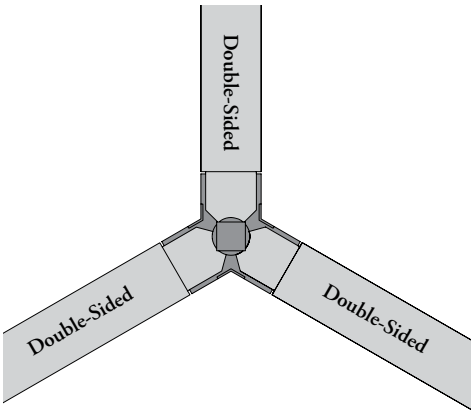




- Available in 28" standard height (JNDPY_V) or 18" low height (JNDPLY_V)
- This post allows 120° applications only
- Two Double-Sided Beams are required to create a 120° Two-Way Exposed Beam application
- This post is used in exposed beam application only
- The No Storage Bracket option must be used with this post

three-way – double-sided beam configuration (Y) – 120° desk structure





- Available in 28" standard height (JNDPY_Y) or 18" low height (JNDPLY_Y)
- This post allows 120° applications only
- Three Double-Sided Beams are required to create a 120° Three-Way Exposed Beam application
- This post is used in exposed beam application only
- The No Storage Bracket option must be used with this post

planning with structural post (continued)

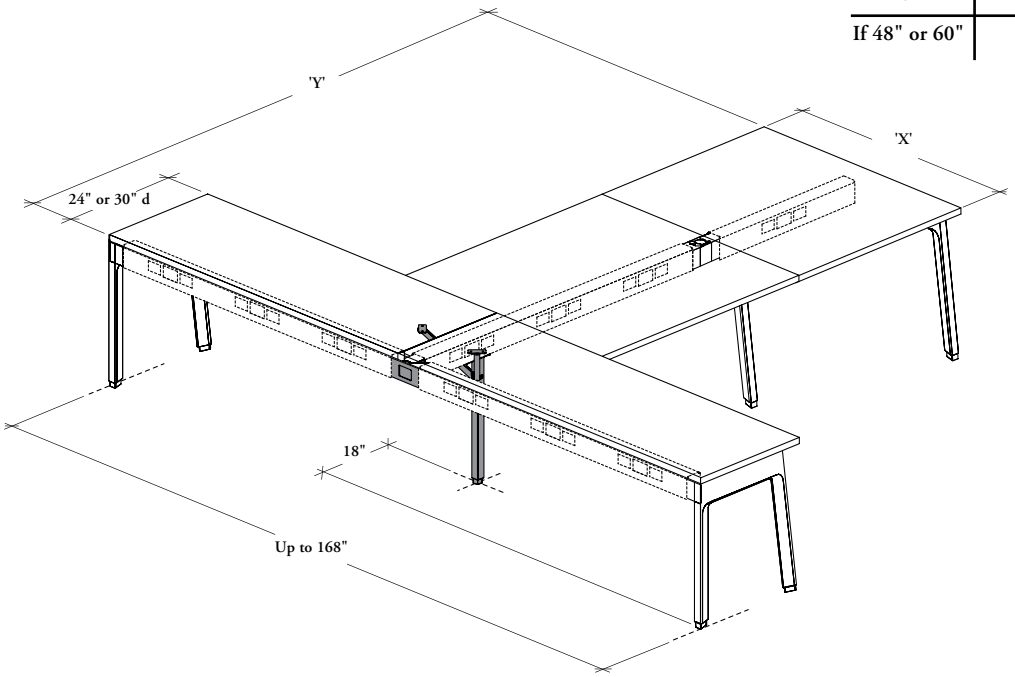
recessed with long span kit restrictions

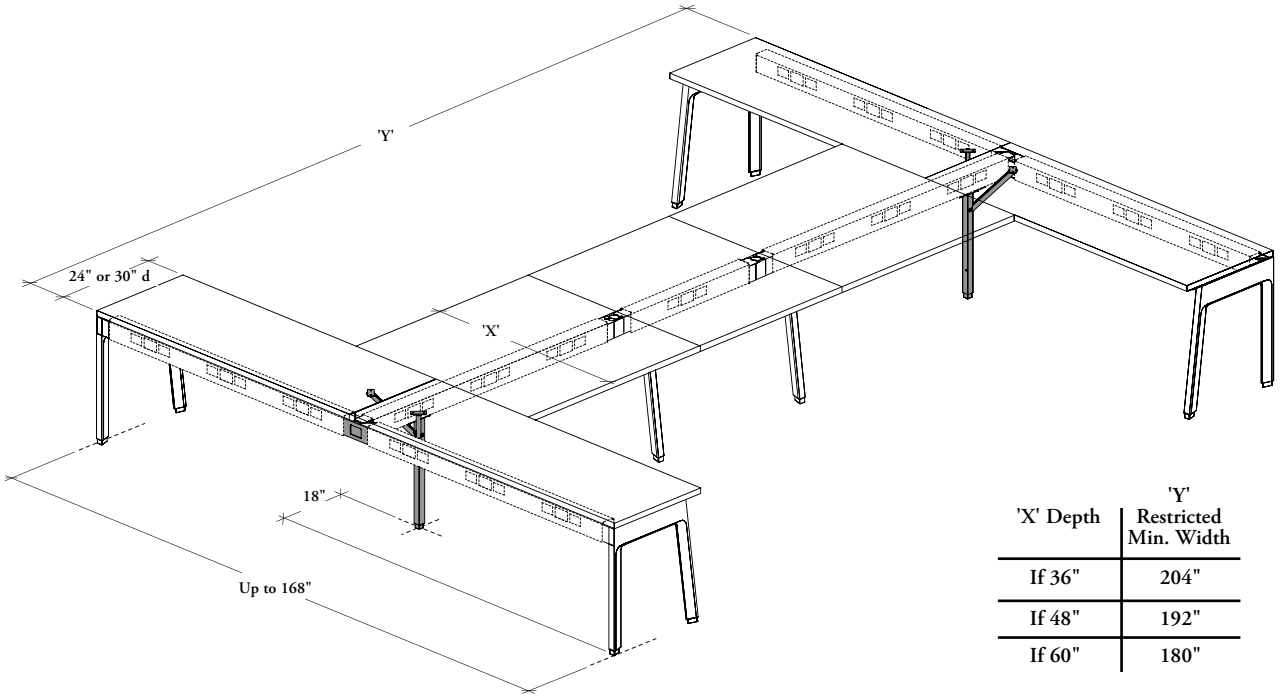
- Available in 28" standard height only
- This post allows perpendicular workstations only and must be installed under a Double-Sided Beam
- The Double-Sided Beam must be connected perpendicularly to two contiguous Single-Sided Beams using the long span kit
- Can be used to support worksurfaces, credenzas or Beam-Mounted Cabinets
- Beam connection must be covered with one double-sided or two single-sided worksurfaces or two Beam-Mounted Cabinets

with worksurface application

- Full width of worksurfaces is mandatory in both directions
- Worksurfaces of 18" deep **cannot** be used along the long span

'X' Depth	'Y' Restricted Min. Width
If 36"	120"
If 48" or 60"	96"





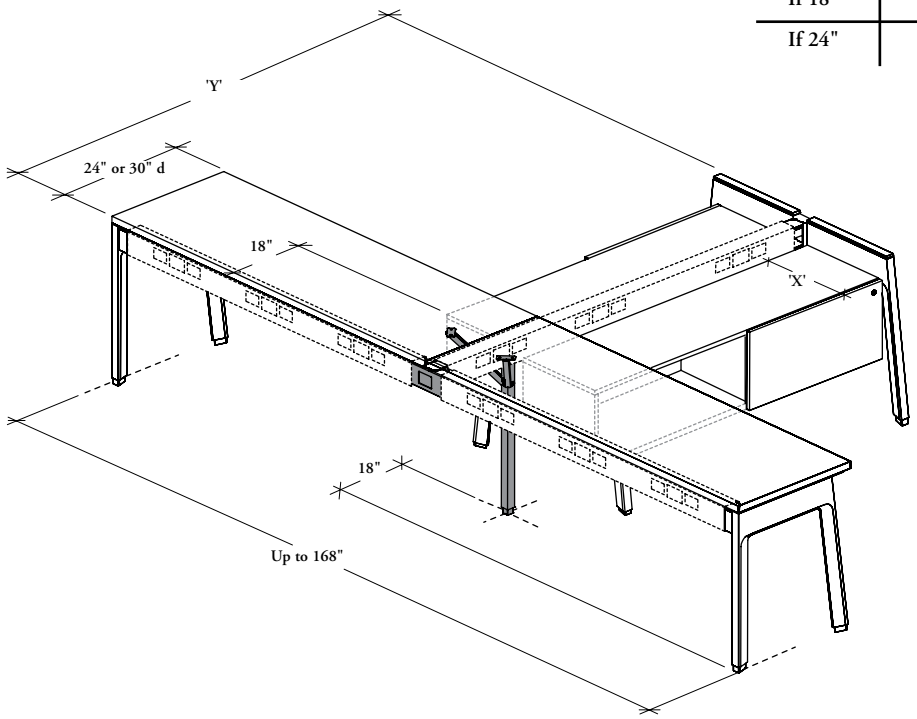
'X' Depth	'Y' Restricted Min. Width
If 36"	204"
If 48"	192"
If 60"	180"

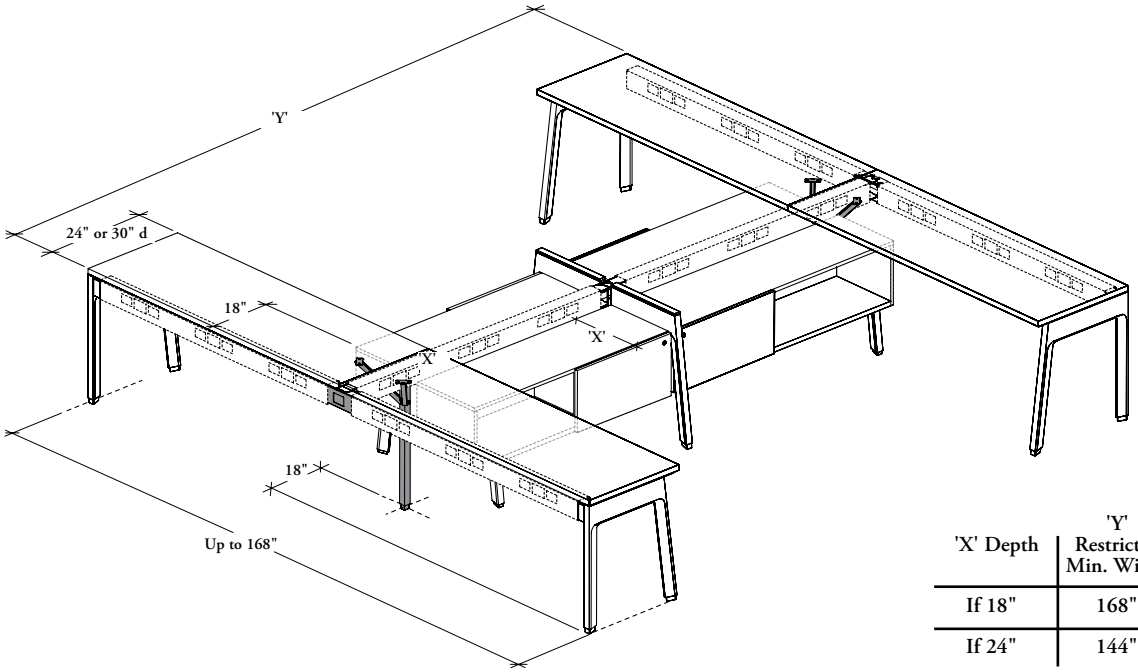
planning with structural post (continued)

with semi-suspended credenza application

- Credenzas can be added in either directions, but not at the same time
- Full width of worksurfaces is mandatory in the other direction
- Credenzas and worksurfaces of 18" deep **cannot** be used along the long span
- If the Credenzas are installed along the long span, use the minimum width restrictions of the worksurface application on previous page
- Semi-Suspended Credenza dimensions must be specified according to the standard rules. Refer to Beam-Mounted Storage section on page 583

'X' Depth	'Y' Restricted Min. Width
If 18"	84"
If 24"	78"



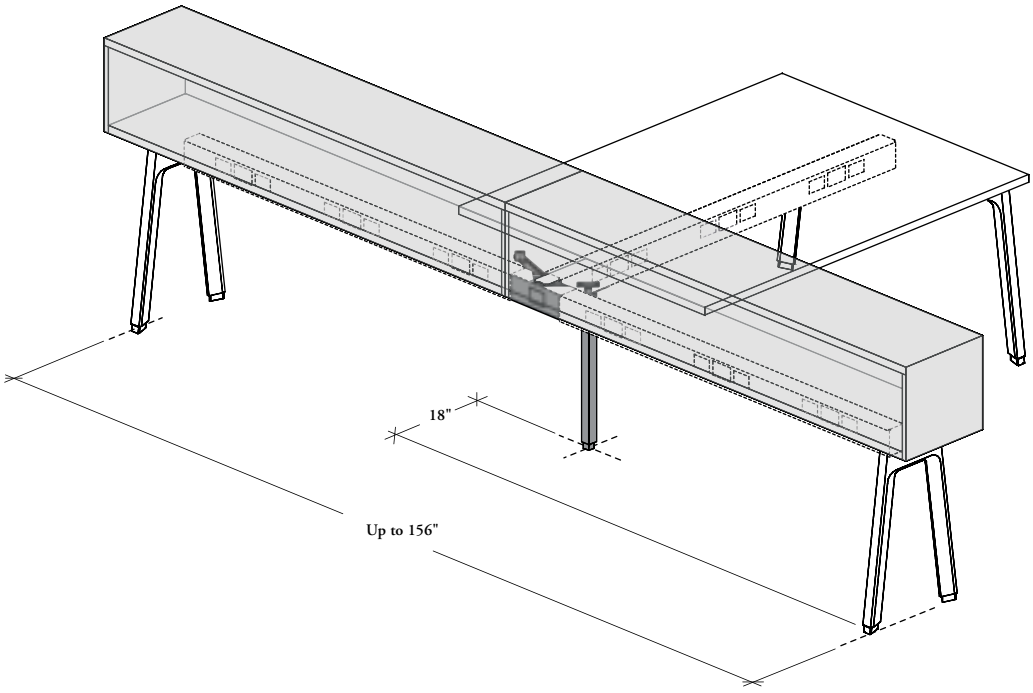


'X' Depth	'Y' Restricted Min. Width
If 18"	168"
If 24"	144"

planning with structural post (continued)

with beam-mounted cabinet application

- The Double-Sided Worksurface is mandatory in this application
- Their is no minimum width restriction with the use of Beam-Mounted Cabinets

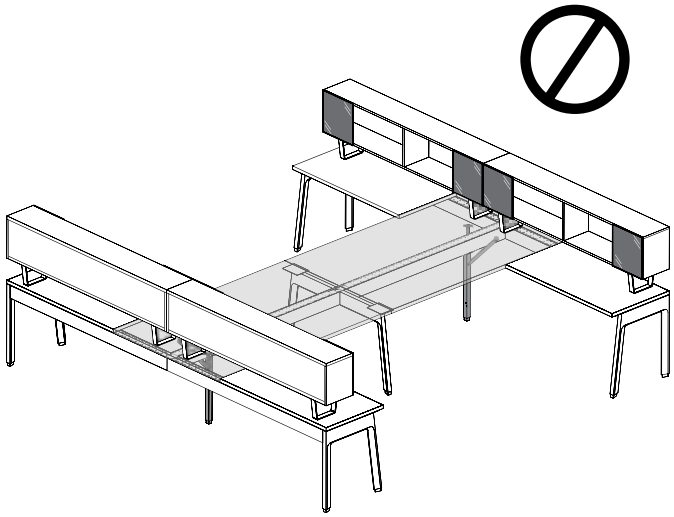


planning with structural post (continued)

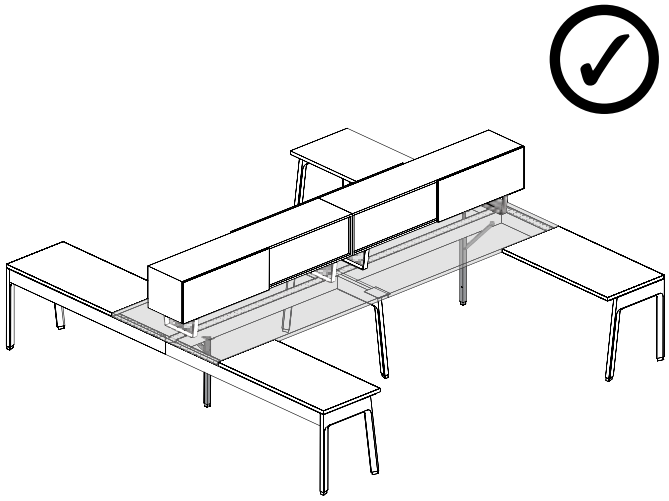
restrictions

Mounted storage **cannot** be used parallel to long span. Must be used in perpendicular application only

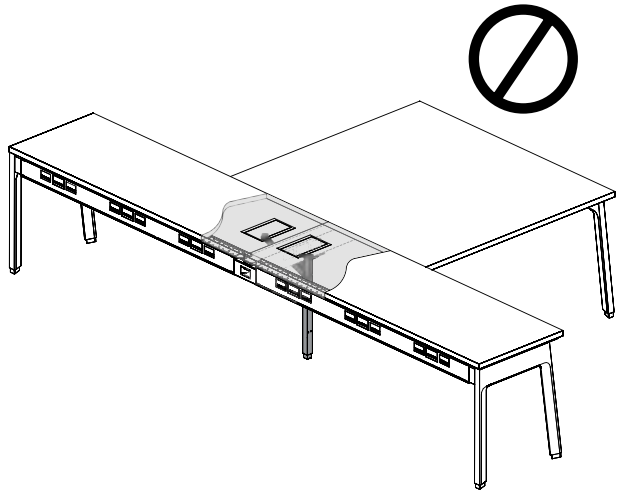
parallel

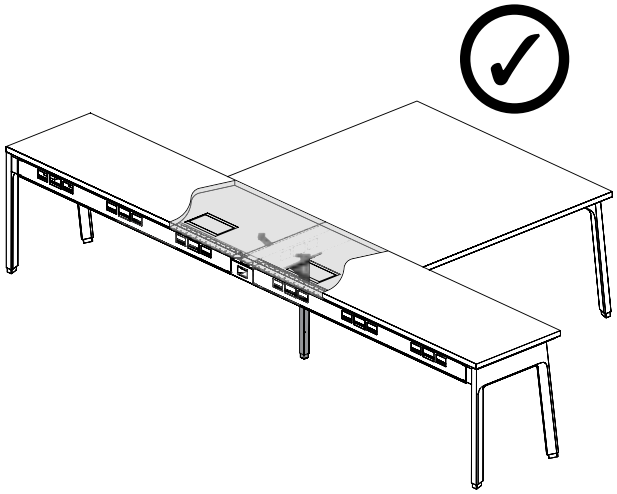


perpendicular



- The Power Box and Receptacle Outlets are **not** allowed when placed over the recessed post
- Worksurface Access Door are **not** allowed when placed over the recessed post



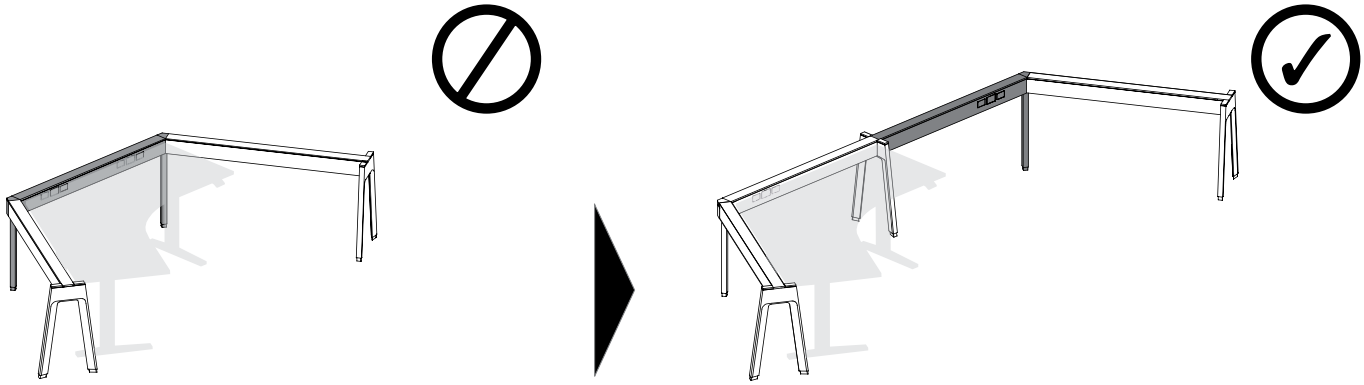


planning with structural post (continued)

restrictions (continued)

- 120° Structural Posts can be used in exposed beam application in combination with hiSpace or Navigate 120° Height-Adjustable Table
- Fixed worksurface **cannot** be installed
- Mostly used in combination with Low Structural Leg – Fence (JNDLLF) or Structural Leg – Fence (JNDLF)

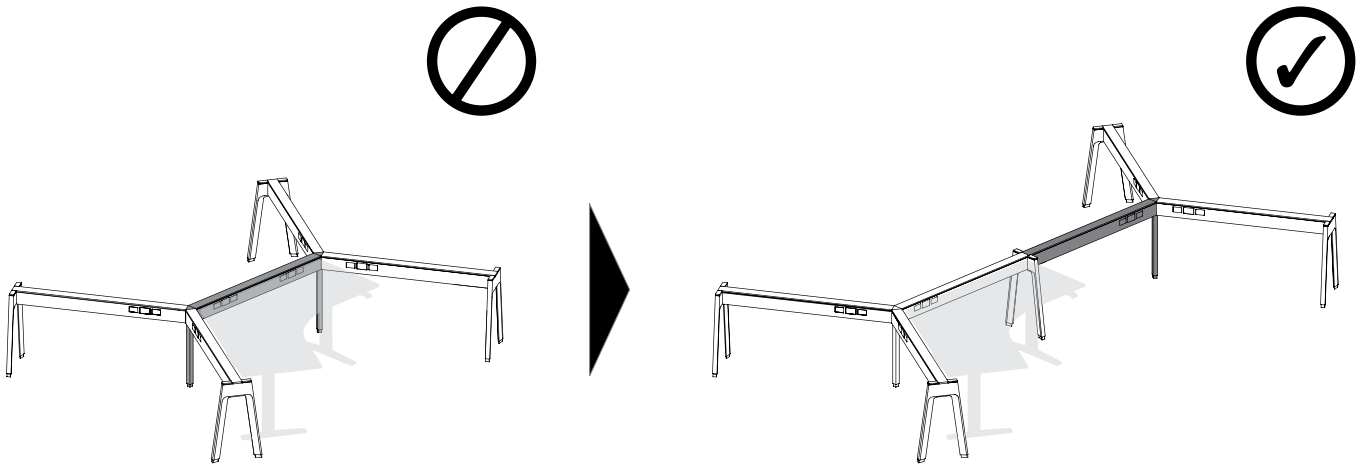
two-way connection



A Two-Way Connection **cannot** be used on both sides of a Structural Beam

Structural Post – In-Line Double-Sided Beam can only be used at one end of a beam

three-way connection



A Three-Way Connection **cannot** be used on both sides of a Structural Beam

Structural Post – In-Line Double-Sided Beam can only be used at one end of a beam

understanding structural leg & structural post with front leg

Structural Legs support and connect structural beams while Structural Posts with Front Leg also enable adding or changing structural beams direction.

Three structural support styles are available: Single-Sided Structural Leg, Double-Sided Structural Leg, and Structural Post with Front Leg

Structural Post with Front Legs are installed at the junction of two or three perpendicular beams (JNDBB or JNDCB)

Structural Legs are installed at the end of one beam or between two contiguous beams (JNDBB or JNDCB)

1 Screws and nuts are also included to secure the beam connection to the Structural Leg or Structural Post with Front Leg connector

When specified, come with a Top Cover to hide the top of the leg in exposed beam configurations. A Worksurface Bracket (Shown) 2 can also be specified to attach worksurfaces

3 Come with a Leveler Cover hiding the black leveler for a more refine aesthetic

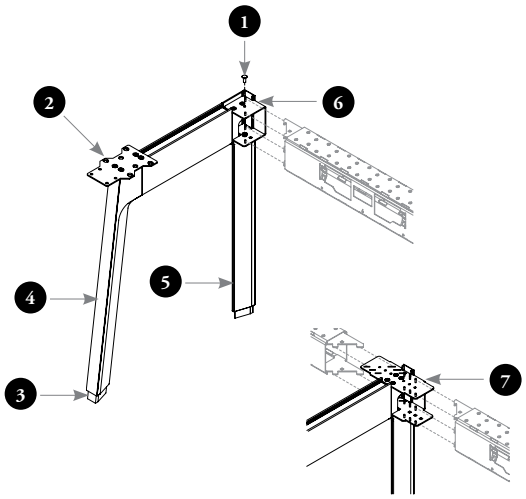
Provides a workstation leveling range of 3" (-3/16", +2 13/16")

structural legs

Are available in Single- (Shown) or Double-Sided style

Single-Sided leg comes with two vertical leg profiles: one angled 4 and one straight 5 (Shown)
Double-Sided leg comes with an angled profile 4 on both sides

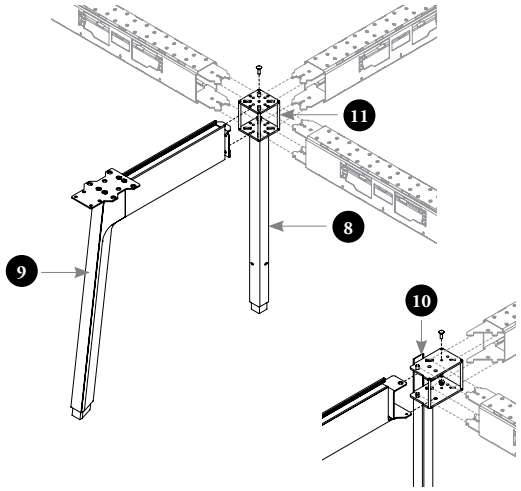
Two connections can be specified: End (left or right) 6 or In-Line 7



structural post with front leg

Combines two vertical structures: one post 8 and one angled front leg 9

Two connections can be specified: End (left or right) 10 or In-Line – Double-Sided Beam 11

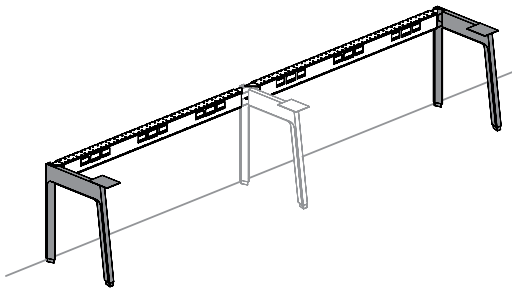


understanding structural leg & structural post with front leg (continued)

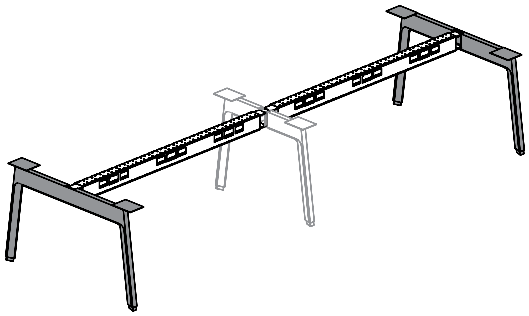
Two Structural Leg configurations are available:

end configuration

- Used in end of run only
- Can be specified left or right
- Can be specified in Single- or Double-Sided style



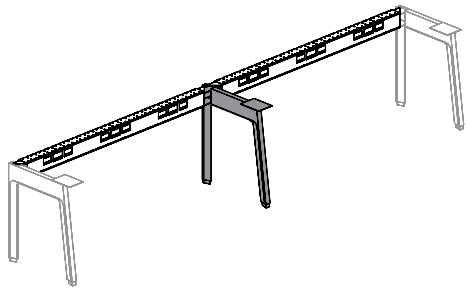
Single-Sided Configuration



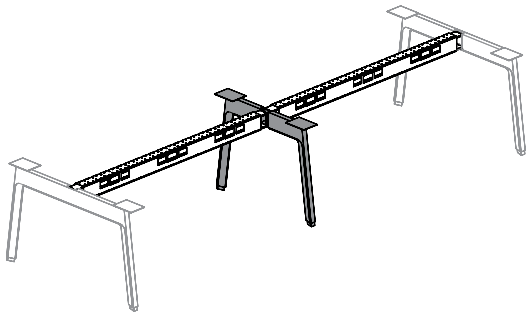
Double-Sided Configuration

in-line connection configuration

- Used between two Structural Beams
- Can be specified in Single- or Double-Sided style



Single-Sided Configuration

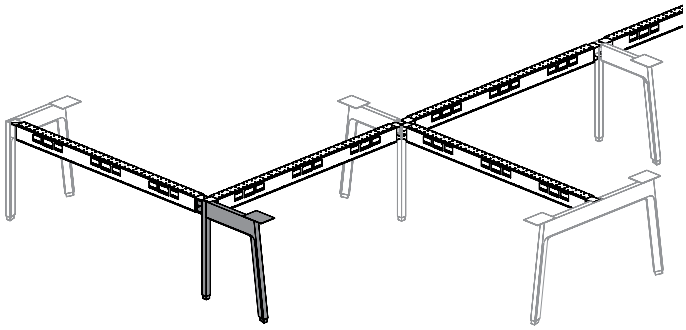


Double-Sided Configuration

Two Structural Post with Front Leg configurations are available:

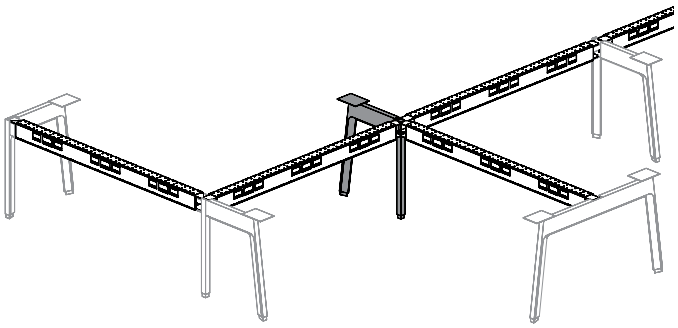
end configuration

- Used in end of run only
- Can be specified left or right
- Front Leg is contiguous to a Single-Sided Structural Beam and perpendicular to a Double-Sided Structural Beam



in-line – double-sided beam configuration

- Designed for offset applications only
- Used between two contiguous Double-Sided Structural Beams
- Post connector can receive one Single- or Double-Sided Structural Beam contiguously to the Front Leg

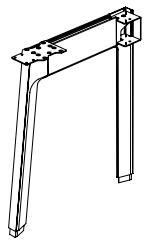


understanding structural leg & structural post with front leg (continued)

Two Structural Leg styles are available:

single-sided

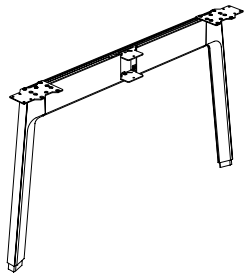
- Must be specified with Single-Sided Structural Beam only
- Can support one end of Single-Sided Worksurfaces
- Can also be mounted along the user or visitor edge of Single- and Double-Sided Worksurface



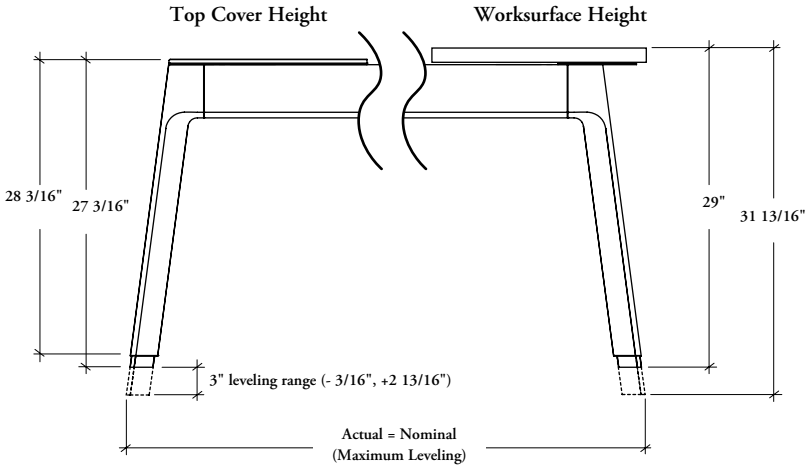
Single-Sided Structural Leg

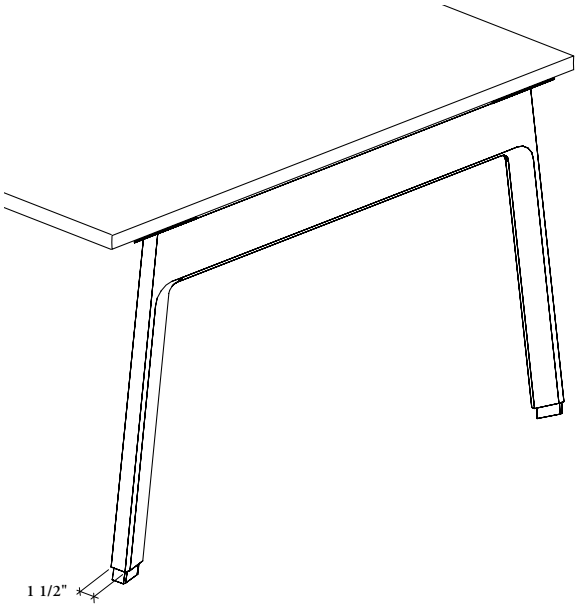
double-sided

- Must be specified with Double-Sided Structural Beam only
- Can support one end of Double-Sided Worksurfaces



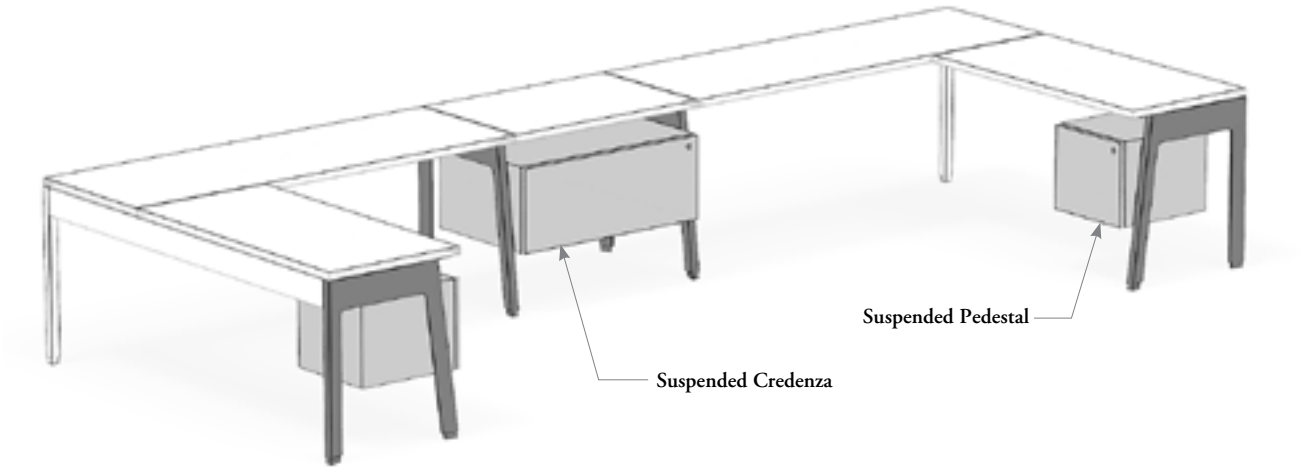
Double-Sided Structural Leg



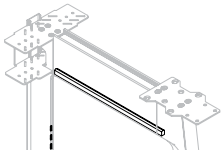


understanding structural leg & structural post with front leg (continued)

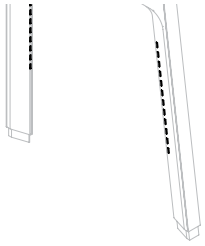
The design of Structural Leg and Structural Post with Front Leg allows to support a variety of storage and screens.



Groove on horizontal part



Slots on vertical parts



- Support all worksurface styles, suspended or semi-suspended credenzas, suspended pedestal/cubby and screens
- Two attachment features are integrated:

  The upper **horizontal part** comes with a bottom groove which contributes to support the following products:

  – Suspended Storage (JNBP, JNBC)
  – Leg-Mounted Elevated Screens (JNSESL, JNSEGL, JNSEFL, JNSEEL)
  – Beam-Mounted Corner Elevated Screen (JNSECF)

  The **vertical parts** (except post on Post with Front Leg) come with integrated slots which contribute to support the following products:

  – Suspended or Semi-Suspended Credenzas (JNBSF, JNBDF, JNBSO, JNBDO, JNBSOO, JNBDOO, JNBSC, JNBDC)
  – Suspended Pedestal/Cubby (JNBP, JNBC)
  – Leg-Mounted Floor Screens for one or two users (JNSFSL, JNSFST, JNSFGO, JNSFGT)
  – Leg-Mounted Floor Screen with Metal Towers for one or two users (JNSFOL, JNSFOT, JNSFDL, JNSFDT, JNSFTL, JNSFTT)
  – Table Attached Stabilizer for Structure (JNDST)

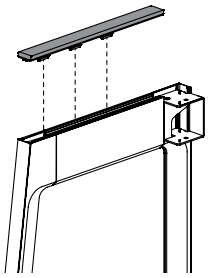
  The slots can be hidden with a groove trim (included) when they are not used. The trims come in the best match possible for the Foundation and Mica finishes, and they come in a Soft Gris coordinate for Accent colors

understanding structural leg & structural post with front leg (continued)

- The Structural Leg Cover – Top and Structural Leg Bracket for Worksurface are offered as an option on all leg styles and are also offered separately for re-configuration purposes, refer to page 308 for more details
- Three mounting options are available dependently on leg style:

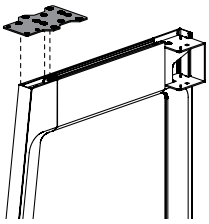
top cover

- Finishes the top of legs in exposed beam application
- Available with Single-Sided, Double-Sided and Fence Leg styles
- Available with In-Line and End configurations
- **Not** available with 30" and 60" deep legs



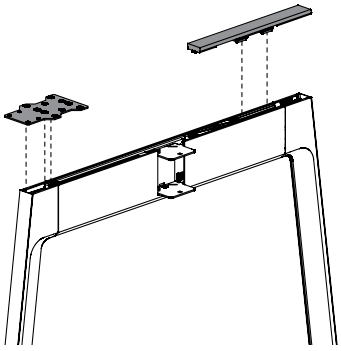
worksurface bracket

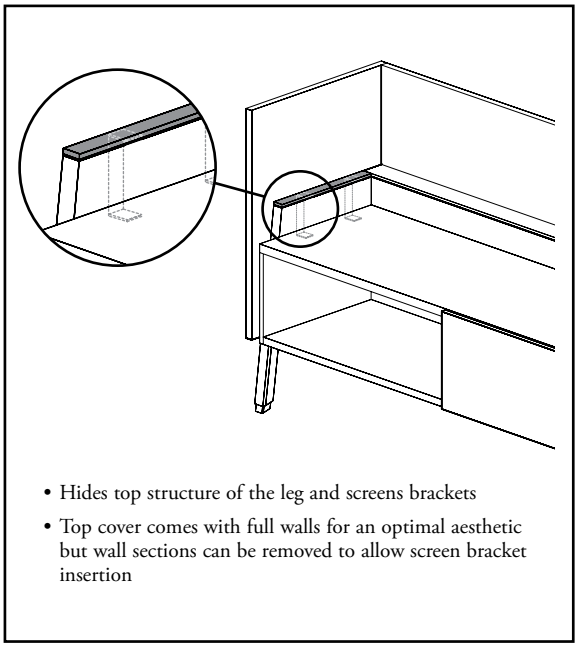
- Attaches the worksurface to the Structural Leg to maintain stability and level the surface
- Available with Single- and Double-Sided styles
- Available with In-Line and End configurations
- Available in all dimensions



combo worksurface & top cover

- Combines a worksurface bracket on one side and a top cover on the other side
- Available with Double-Sided Structural Leg only
- Available with In-Line and End configurations
- **Not** available with 60" deep leg



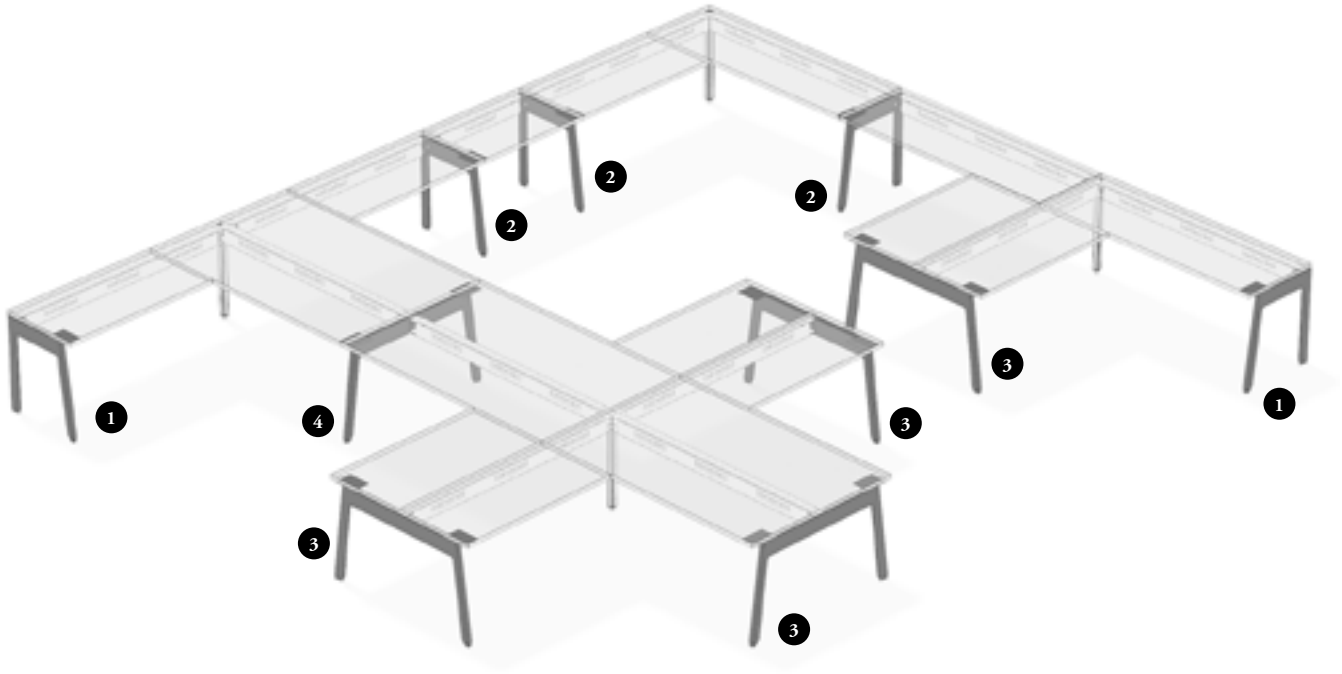


- Hides top structure of the leg and screens brackets
- Top cover comes with full walls for an optimal aesthetic but wall sections can be removed to allow screen bracket insertion

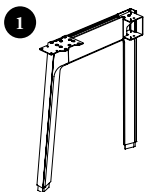
structural leg basics

The following outlines the most common positions for Structural Legs in an Expansion Cityline workstation.

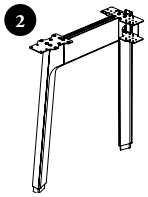
Structural Leg – Single-Sided (JNDLS) can be used in fully exposed application but some restrictions must be taken in consideration due to the structure stability. Refer on pages 265 to 269 for more details



- Only available with Angled (A) profile
- Height is 29" from the finished floor to the top of the finished worksurface with a leveling range of 3"
- Comes with a Leveler Cover to hide the black leveler for aesthetic look. The Leveler Cover will match with the leg finish



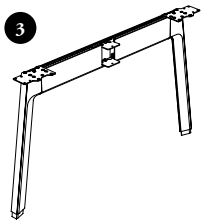
End – Left (L) or
End – Right (R)



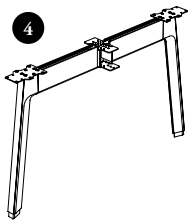
In-Line (I)

Structural Leg – Single-Sided (JNDLS)

- Support Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB) in end (left or right) or in-line configuration to maintain stability
- Available in depths 18" to 30" (6" increments)
- Can be used with Single-Sided Beams only
- When specified, a Top Cover or a Worksurface Bracket is included



End (E)



In-Line (I)

Structural Leg – Double-Sided (JNDLD)

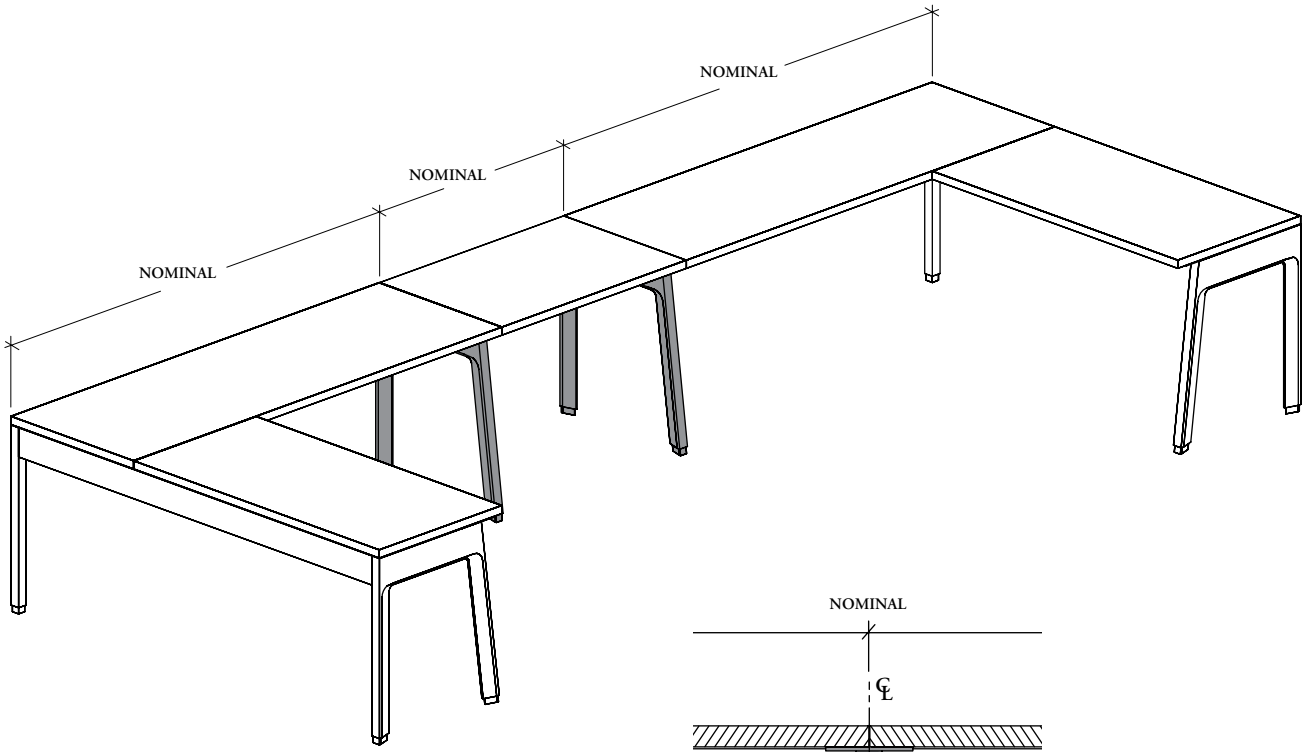
- Support Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB) in end or in-line configuration to maintain stability
- Available in depths 24", 36", 48" or 60"
- Can be used with Double-Sided Beams only
- When specified, Top Covers and/or Worksurface Brackets are included

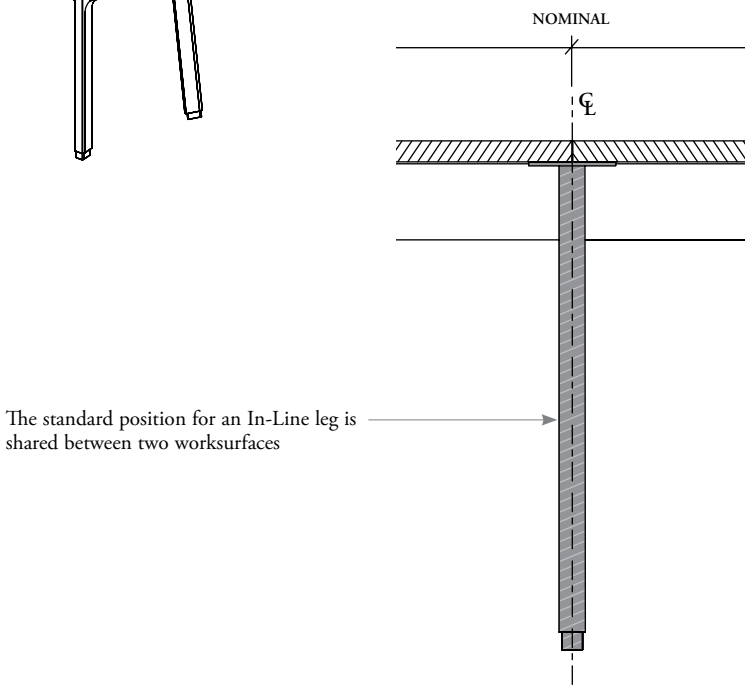
planning with full depth structural leg

End Structural Legs are always concealed in the nominal footprint of a workstation. In-Line Structural Legs are rather shared between workstations. The In-Line Structural Leg also has a built-in ability to be shifted completely underneath a worksurface in cases where a mix of worksurface and beam-exposed areas are configured.

- The shifting ability is only applicable with In-Line Structural Leg configuration of same depth than the worksurface
- **Not** applicable with Structural Post with Front Leg
- In-Line Single-Sided Structural Leg in standard position can be specified full worksurface depth or 6" recessed; In-Line Double-Sided style in standard position can be specified full worksurface depth, 6" or 12" recessed on both sides. See following illustrations below for details

in-line configuration with full leg depth – standard position

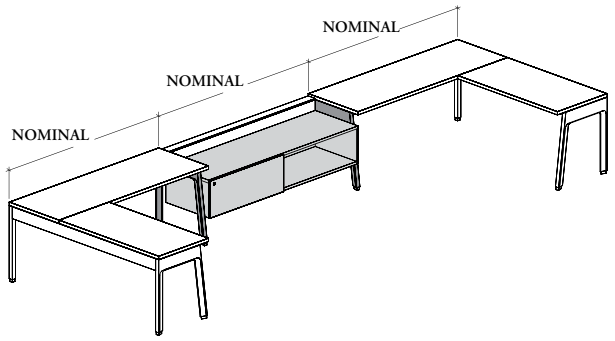


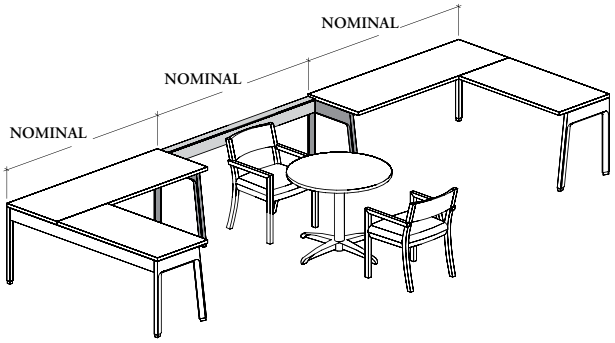


planning with full depth structural leg (continued)

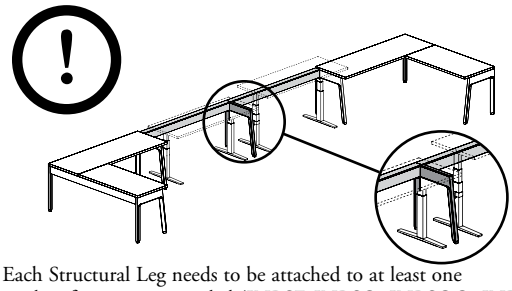
in-line configuration with full leg depth – shifted position

- The In-Line configuration can be concealed underneath a worksurface when it is contiguous to an exposed-beam area
- Workstations below show the appropriate use of the built-in shifting ability of In-Line legs
- Only full depth In-line legs can be shifted
- Must be specified with Worksurface Bracket option

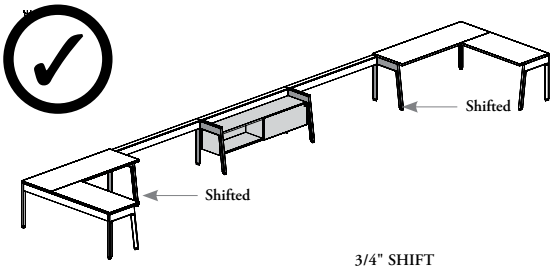


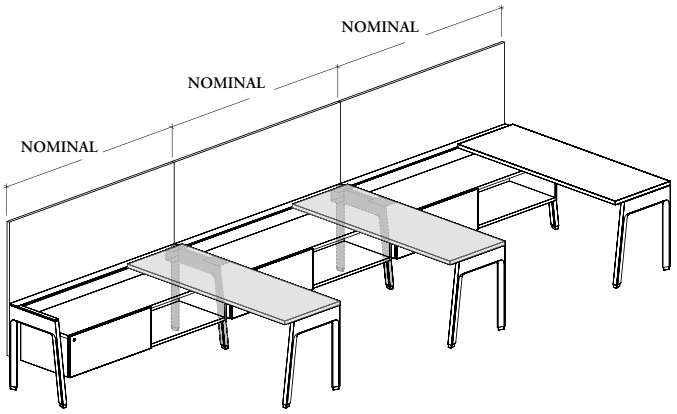


- Mix of worksurface and beam-exposed areas where each In-Line leg is shifted underneath the worksurface
- Must be the same depth that the adjacent Worksurface and Suspended Credenza

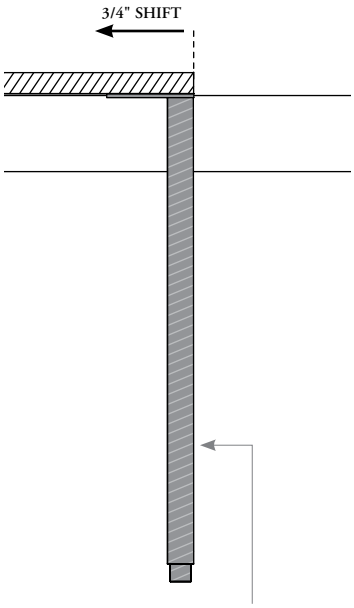


Each Structural Leg needs to be attached to at least one worksurface, one suspended (JNBSF, JNBSO, JNBSOO, JNBSC), one semi-suspended (JNBDF, JNBDO, JNBDOO, JNBDC) credenza or one stabilizer for structure (JNDSWB, JNDST) to remain stable





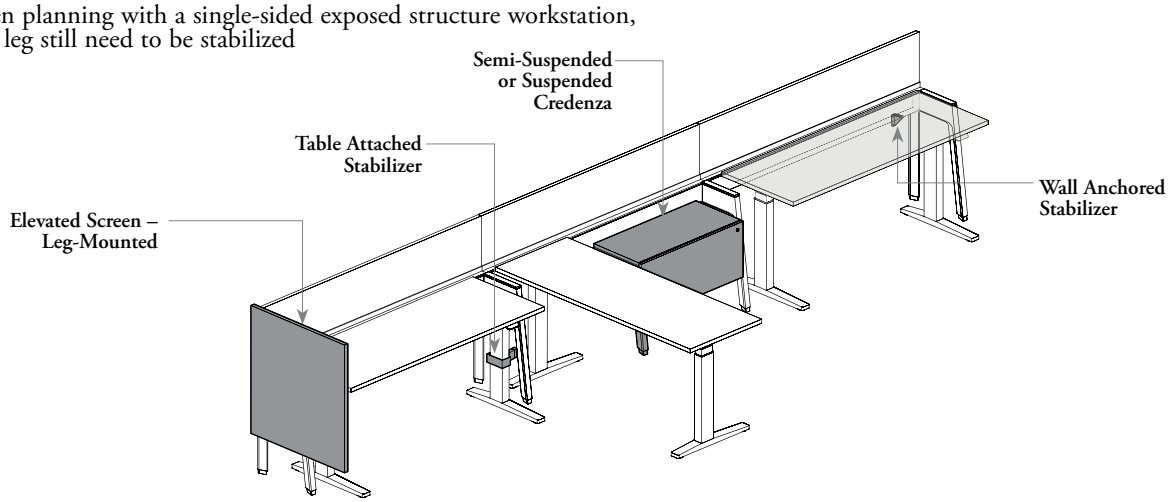
- Must be the same depth than the suspended credenza
- Shifting an In-Line leg will have an impact on the width reduction option of the Suspended Credenza and Structural Beam Cover – Side



- The In-Line leg can be shifted half its width (3/4") toward worksurface to conceal it
- **Warning**, although there is no need to specify an option for the built-in shifting ability of In-Line legs, this feature has an impact on the specification of the width reduction option of Suspended Credenzas and Structural Beam Cover – Side. Please refer to the Beam-Mounted Storage section and page 295 of this section for details

planning with exposed structural legs

When planning with a single-sided exposed structure workstation, each leg still need to be stabilized



Single-Sided Exposed Structure Workstation

An exposed Single-Sided Structural Leg can be stabilized by:

– A Leg-Mounted Elevated Screen (JNSESL, JNSEGL, JNSEFL or JNSEEL), Floor Screen for one user (JNSFSL or JNSFGO) or Floor Screen with Metal Tower for one user (JNSFOL, JNSFDL or JNSFTL) with minimum 36" wide for 42" screen height or 30" wide for 51" screen height

– A Suspended Credenza (JNBSF, JNBSO, JNBSOO or JNBSC), refer to page 587 of the Beam-Mounted Storage section for details

– A Semi-Suspended Credenza, refer to following chart for details

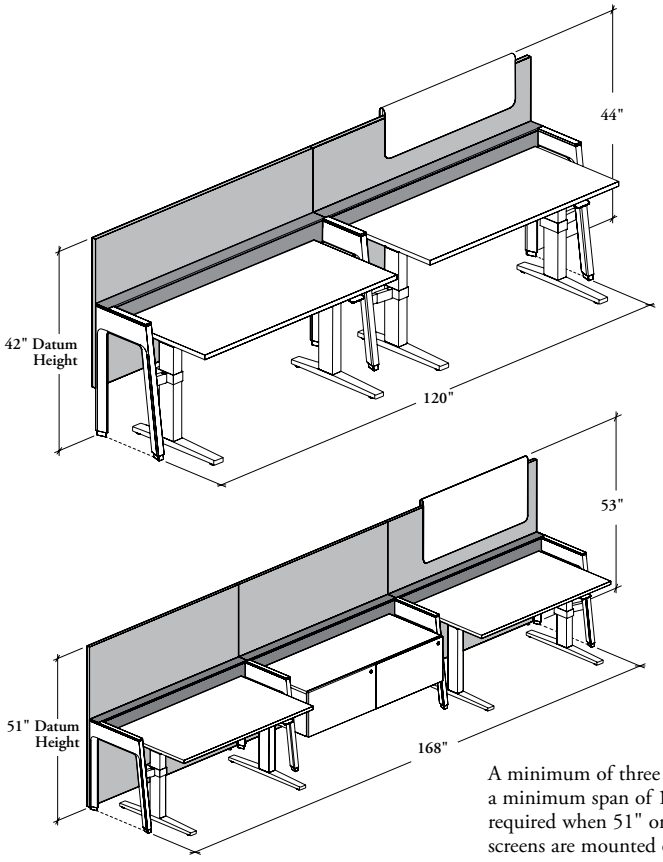
– A Table Attached Stabilizer for Structure (JNDST)

– A Wall Anchored Stabilizer for Structure (JNDSWB)

Stability with Semi-Suspended Credenza

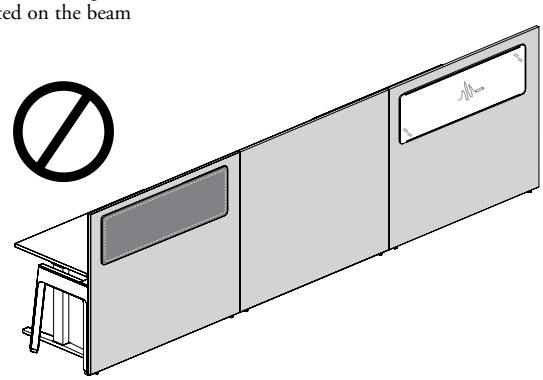
	JNBDOO	JNBDO	JNBDF	
18" deep	No	No	No	✓
24" deep	No	Drawer Next to Structural Leg	✓	✓

57" high screens or 59" Sit and Slide Screens are **not** allowed on all casual workstations



A minimum of three beams and a minimum span of 168" are required when 51" or 53" high screens are mounted on the beam

A minimum of two beams and a minimum span of 120" are required when 42" or 44" high screens are mounted on the beam



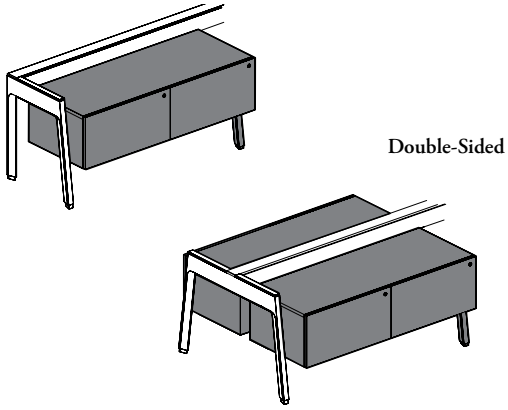
Casual Boards **cannot** be mounted on the outside of screens on single-sided casual workstations

planning with exposed structural legs (continued)

- When planning with an exposed Single- or Double-Sided Structural Leg – End Configuration (JNDLS_E or JNDLD_E), each end leg must remain square to the Structural Beam. This can be achieved with one of these combinations. For more details on Stabilizers, refer on pages 265 to 269
- Four applications are available:

Single-Sided

Double-Sided



Suspended or Semi-Suspended Credenza Application

Single-Sided

Double-Sided

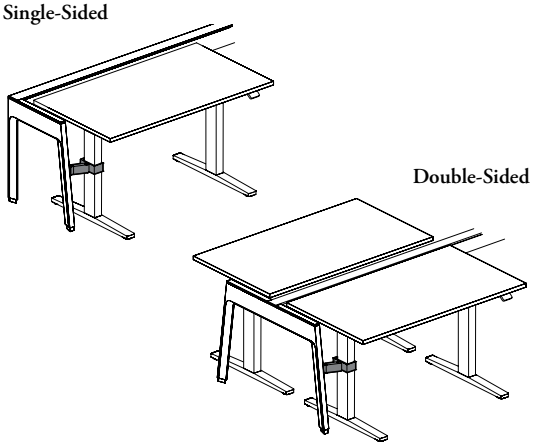
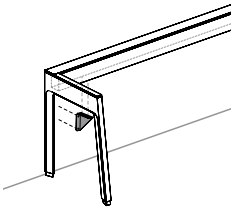


Table Attached Stabilizer for Structure Application

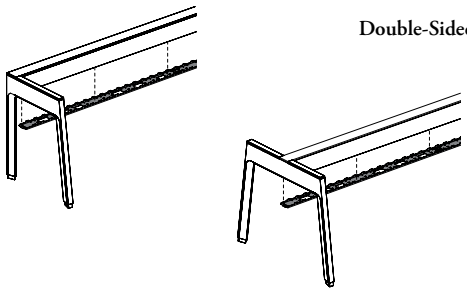
Single-Sided only



Wall Anchored Stabilizer for Structure Application

Single-Sided

Double-Sided



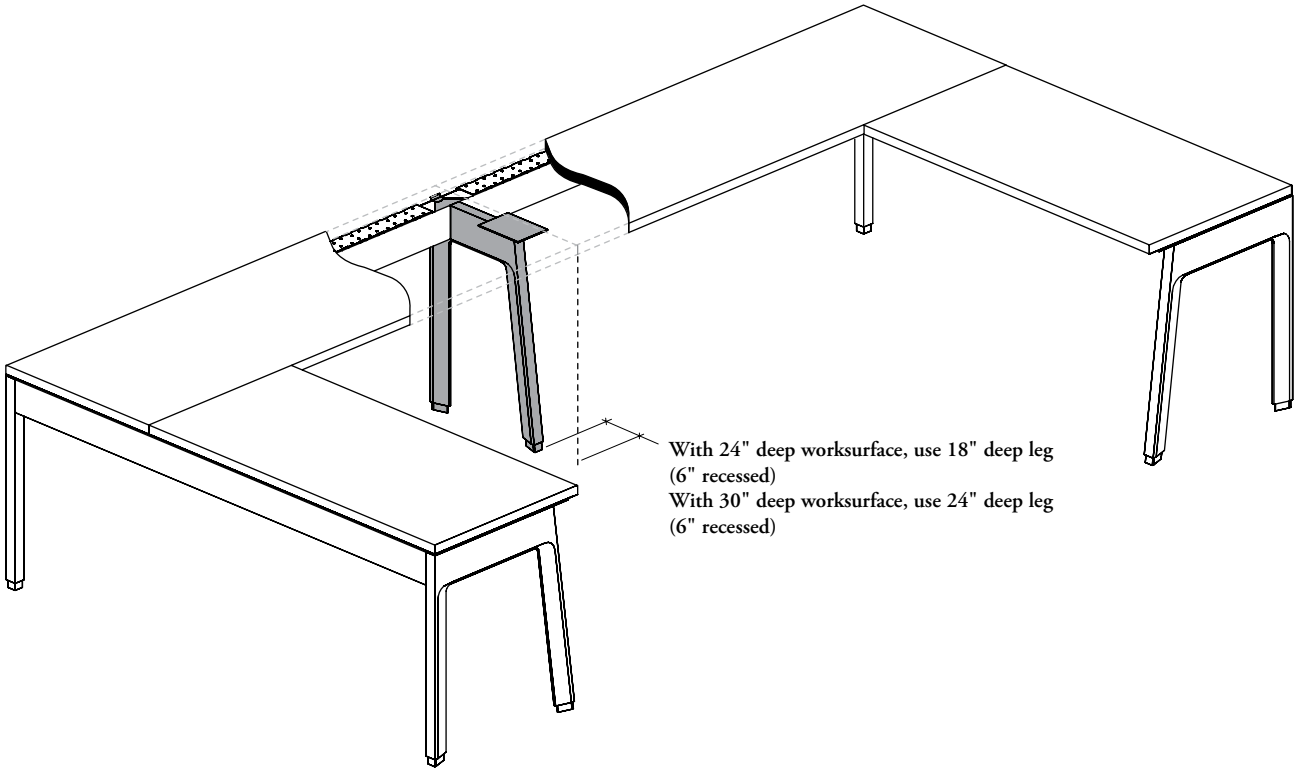
Bottom Kit for Structural Beam – Reinforced Application

planning with recess depth structural leg

A recessed leg provides additional kneespace clearance at the junction of two worksurfaces.

- The following applications and restrictions are only applicable with In-Line Single-Sided Structural Leg
- **Not** applicable with Structural Post with Front Legs

for single-sided configuration – recessed depth application

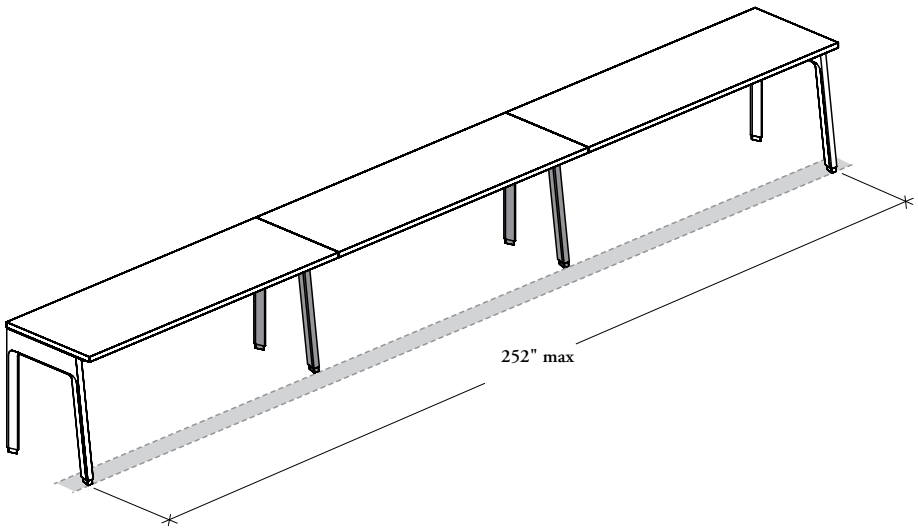


- An In-Line Single-Sided Structural Leg can be used as an intermediate support in a shared position between two worksurfaces. The leg supports both worksurfaces and can be full depth or 6" recessed from the user edge of the worksurface
- No suspended or semi-suspended credenza, or suspended pedestal/cubby can be suspended to a recessed leg. The leg must be specified of the same depth than the worksurface to support a storage

planning with recess depth structural leg (continued)

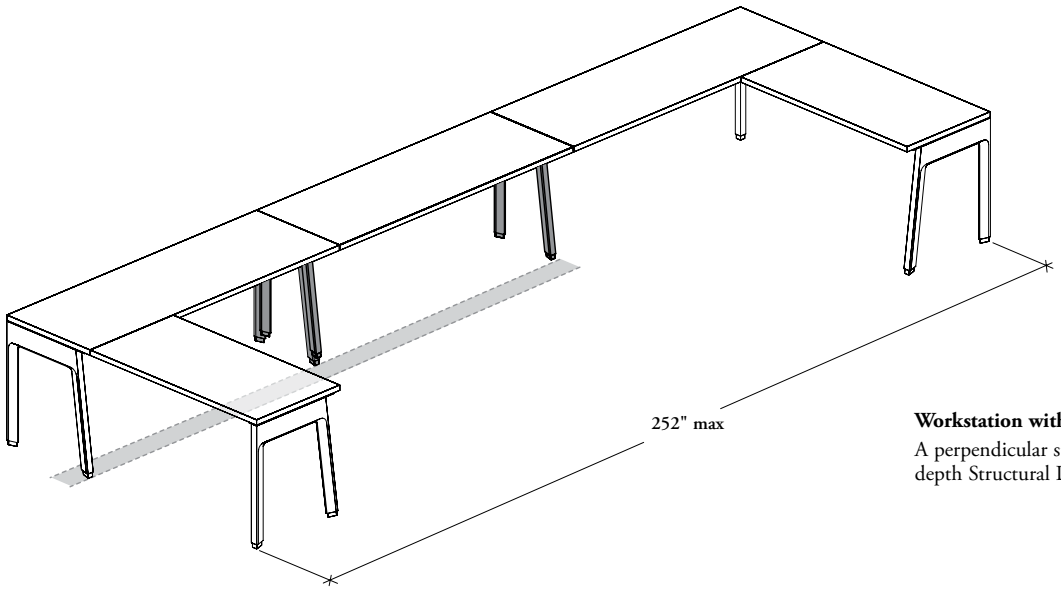
The following restrictions are only applicable with In-Line Single-Sided Structural Legs

for single-sided configuration – recessed depth application



Bench Application

Full depth Structural Leg is required at each 252"



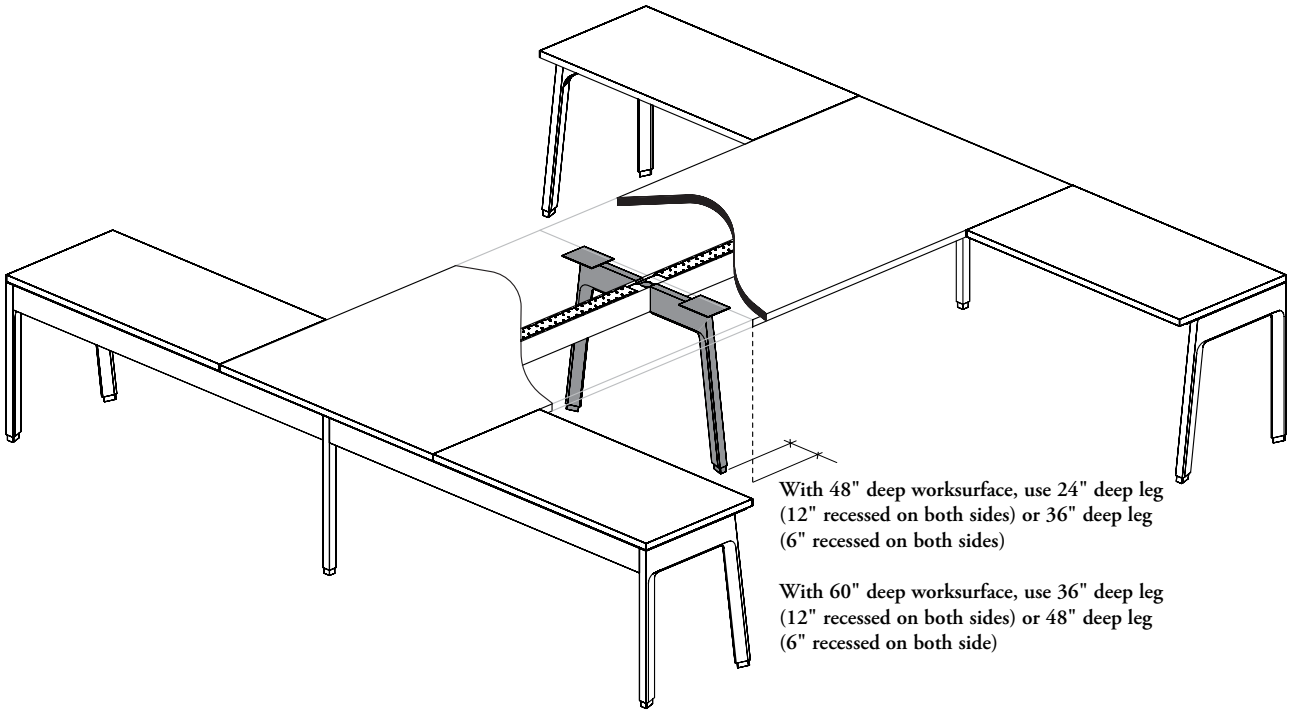
Workstation with Returns

A perpendicular structural beam can replace a full depth Structural Leg

planning with recess depth structural leg (continued)

The following applications are only applicable with In-Line Double-Sided Structural Legs

for double-sided configuration – recessed depth application

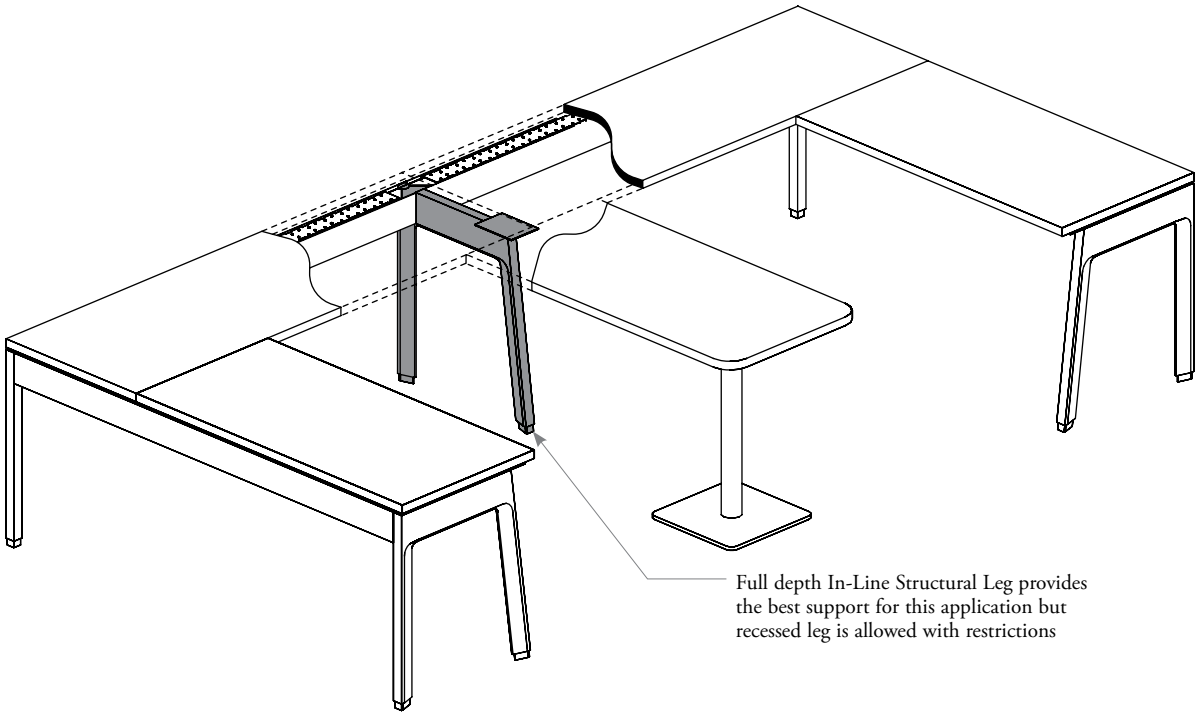


- An In-Line Double-Sided Structural Leg can be used as an intermediate support in a shared position between two worksurfaces. The leg supports both worksurfaces and can be full depth 6" or 12" recessed from the user edge of the worksurface
- No suspended or semi-suspended credenza, or suspended pedestal/cubby can be suspended to a recessed leg. The leg must be specified of the same depth than the worksurface to support a storage

planning with recess depth structural leg (continued)

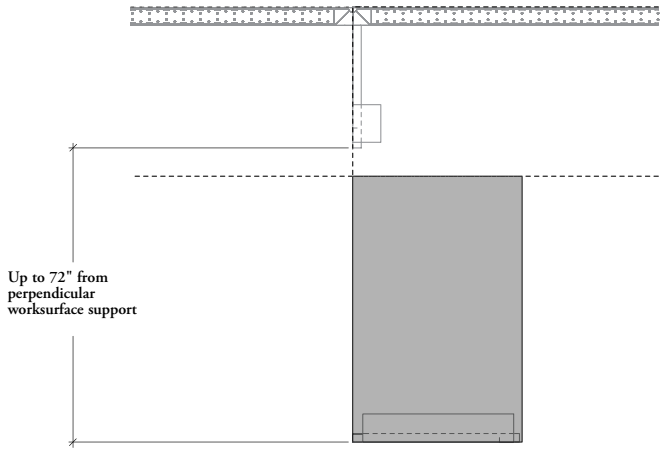
- The following restrictions are only applicable with In-Line Single- and Double-Sided Structural Legs
- In applications with peninsulas or return worksurfaces, a recessed leg is appropriate for providing support at the junction of the rectangular worksurfaces. However, the maximum width of the peninsula or return worksurface will be reduced accordingly with the recess dimension of the In-Line Structural Leg

for single- & double-sided configuration – recessed depth restriction



Peninsula or return worksurfaces with recessed In-Line Structural Leg

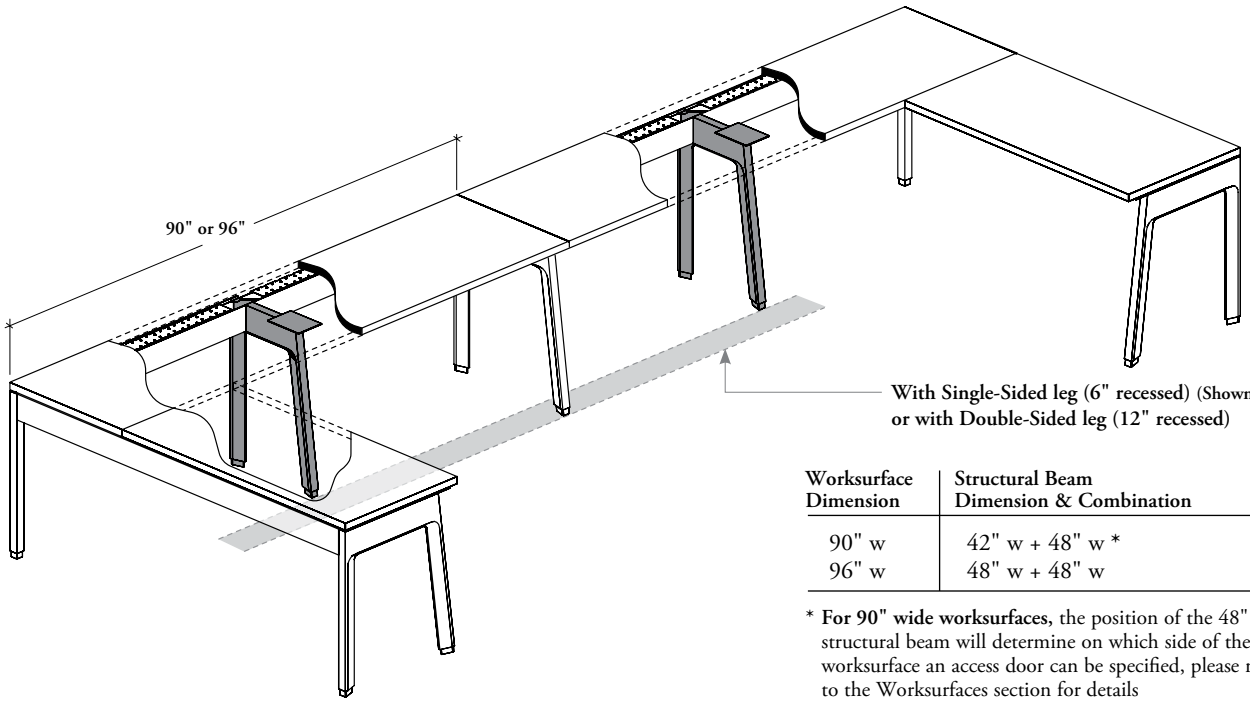
The maximum worksurface width that can be attached to the front edge of worksurfaces is 72". Using a recessed in-line leg will reduce this maximum width accordingly with the value of the recess. Additional Worksurface Reinforcing Channels (JNWRC) may be needed, refer to the Worksurfaces section for details



planning with recess depth structural leg (continued)

A recessed leg is mandatory to provide support and additional kneespace clearance with 90" or 96" wide worksurfaces

for single- & double-sided configuration – recess depth restrictions (continued)



Worksurface Dimension	Structural Beam Dimension & Combination
90" w	42" w + 48" w *
96" w	48" w + 48" w

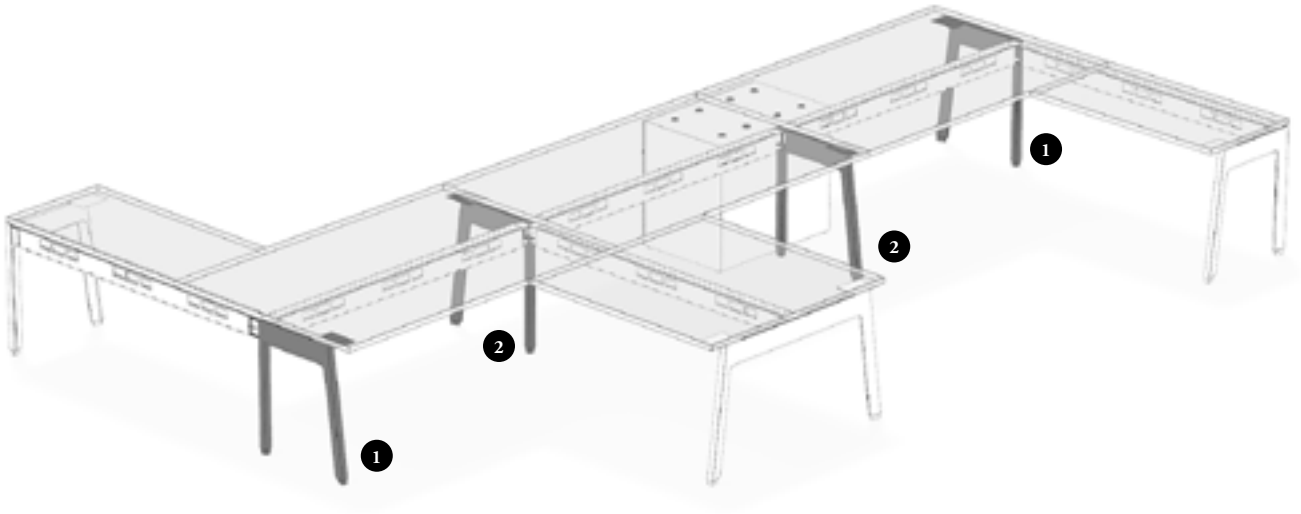
* **For 90" wide worksurfaces,** the position of the 48" wide structural beam will determine on which side of the worksurface an access door can be specified, please refer to the Worksurfaces section for details

Workstations with worksurfaces wider than 84"

- A Rectangular Worksurface can also be specified 90" or 96" wide but a Structural Leg is required and must be used as an intermediate support to provide floor support
- The position of the leg is the same regarless of the worksurface edge profile, and is always 6" or 12" from the user edge of the worksurface
- The combination of two structural beams is necessary to support 90" or 96" wide worksurfaces, refer to Beam Combination listed above for appropriate dimension combinations
- A full depth Structural Leg is also required to join two consecutive 90" or 96" worksurfaces

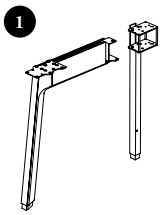
structural post with front leg basics

The following outlines the most common positions for Structural Posts with Front Leg in an Expansion Cityline workstation.

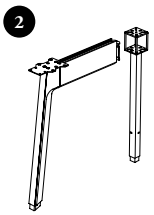


Structural Post with Front Leg (JNDPF)

- Only available with Angled (A) front leg profile and with End or In-Line Structural Post
- Are available in End – Left, End – Right or In-Line – Double-Sided Beam configurations
- Available in depths 18" to 30" (6" increments)
- Can be used with Single- and/or Double-Sided Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB) dependently on configuration selected
- When specified, a Top Cover or a Worksurface Bracket is included
- Height is 29" from the finished floor to the top of the finished worksurface with a leveling range of 3"
- Comes with Leveler Cover to hide the black leveler for aesthetic look. The Leveler Cover will match with the post and leg finish



End – Left (L) (Shown)
or
End – Right (R)

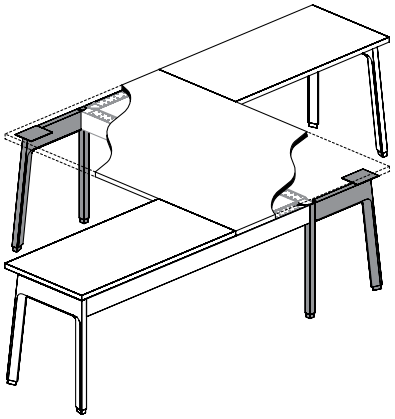


In-Line – Double-Sided Beam (I)

understanding structural post with front leg

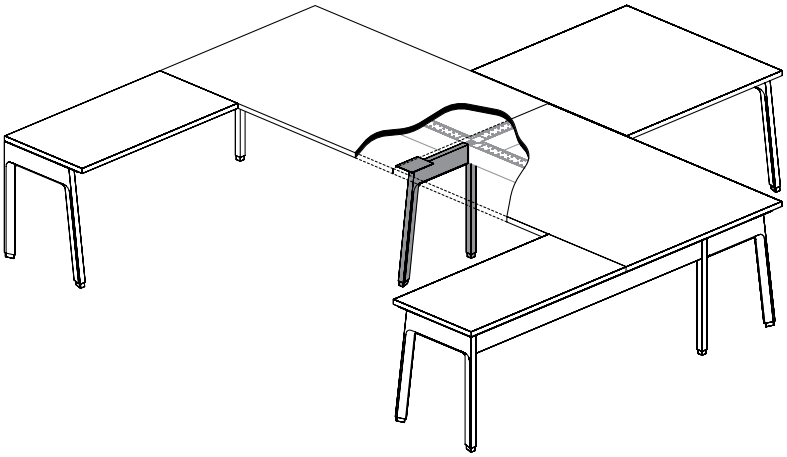
end position – offset

- Used in end of run only
- Can be specified left (Shown) or right
- Front Leg is contiguous to a Single-Sided Beam and perpendicular to a Double-Sided Beam



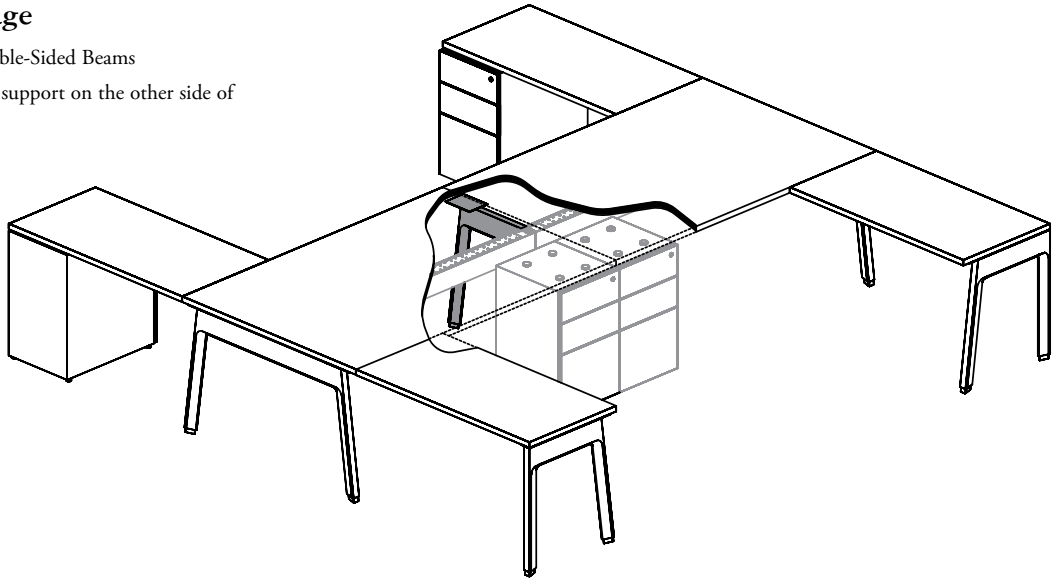
in-line position – offset

- Designed for offset applications only
- Used between two contiguous Double-Sided Beams
- Post connector can receive one Single- or Double-Sided (Shown) Beam contiguously to the Front Leg



in-line position – storage

- Used between two contiguous Double-Sided Beams
- Storage can be used as worksurface support on the other side of the Front Leg



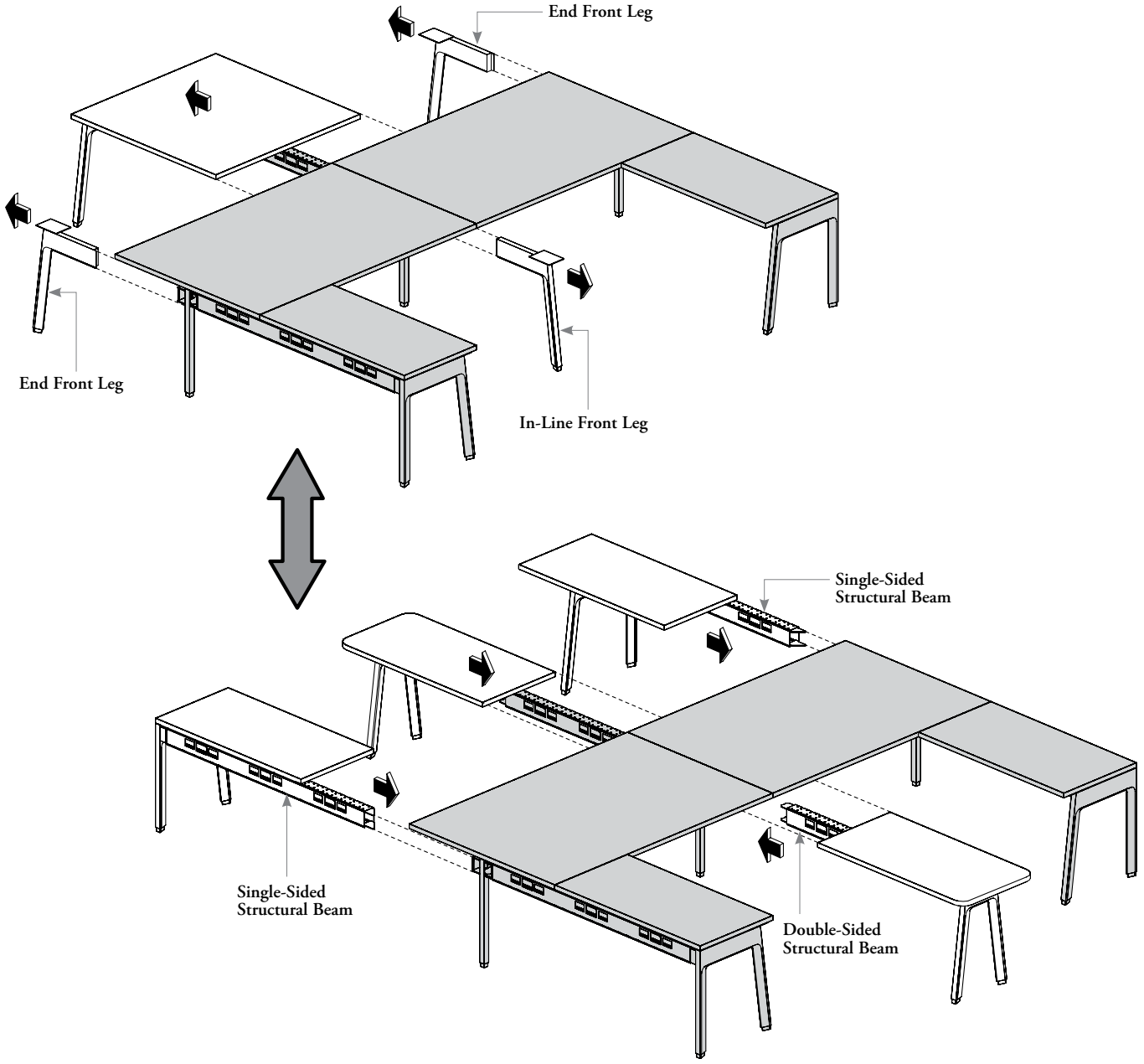
understanding structural post with front leg (continued)

The following should be considered when planning with Structural Post with Front Leg.

reconfigurability

- The front leg of the Structural Post with Front Leg can be replaced by a Single- or Double-Sided Beam dependently on configuration
- **Example:**

  End Front Legs on both ends can be replaced by single-sided beams to allow the installation of returns. In-Line Front Leg can also be replaced by a single- or double-sided (Shown) beam to allow installation of worksurfaces on both sides. All posts of Structural Posts with Front Leg are still used in this new configuration
- This reconfiguration allows to change the workstation without touching the electrical and data wire management

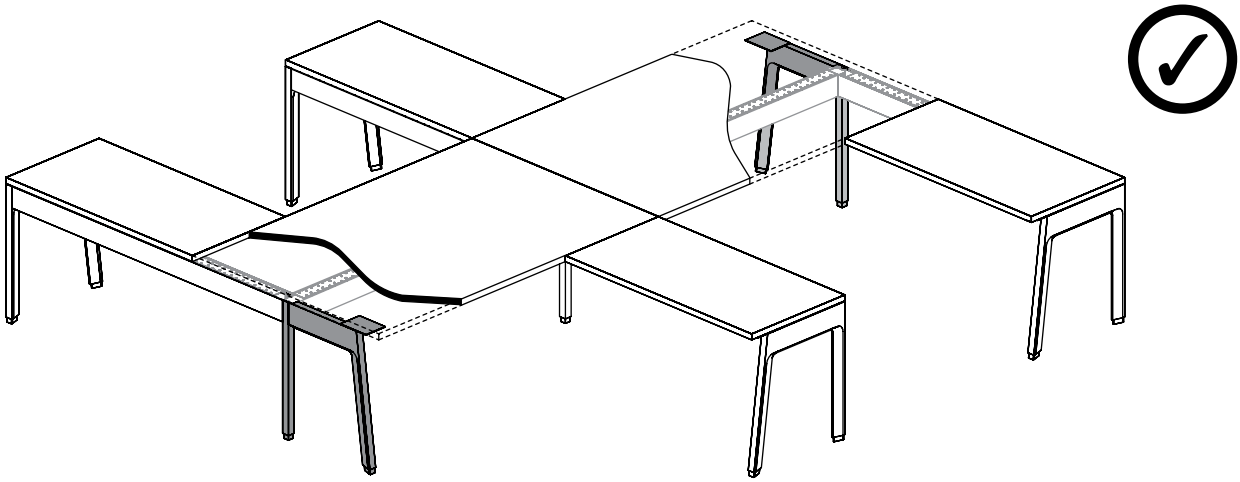


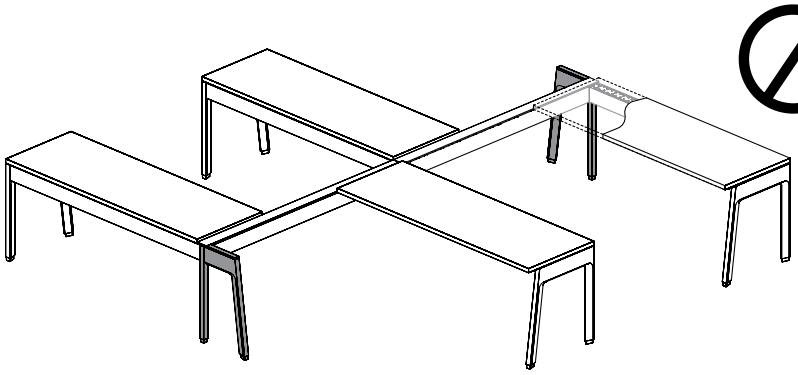
planning with structural post with front leg

- Can support worksurfaces, suspended pedestals/cubbies, suspended and semi-suspended credenzas
- In combination with Double-Sided Worksurfaces, the depth of the Post with Front Leg must be half of the depth of the worksurface
- A worksurface, a Semi-Suspended or a Suspended Credenza is mandatory to maintain the beam and Front Leg square and strong. A hiSpace or Navigate Height-Adjustable Table with a Table Attached Stabilizer for Structure can also be used
- Two Structural Post with Front Leg configurations are available:

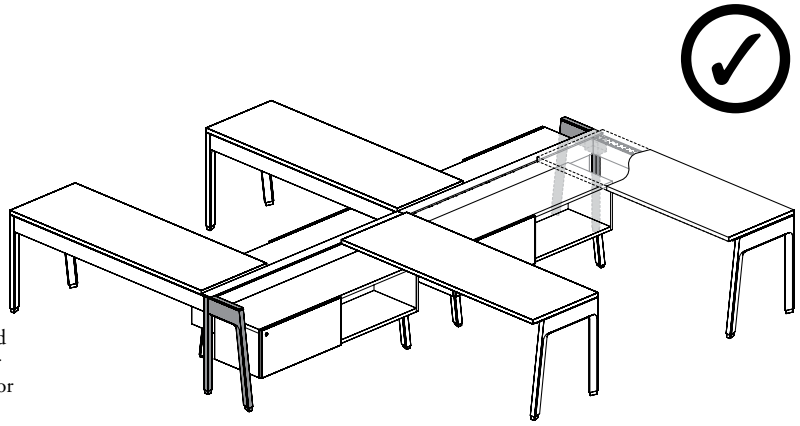
end position

- The Structural Post with Front Leg can be covered with worksurfaces





When exposed, the Structural Post with Front Leg **cannot** be used alone



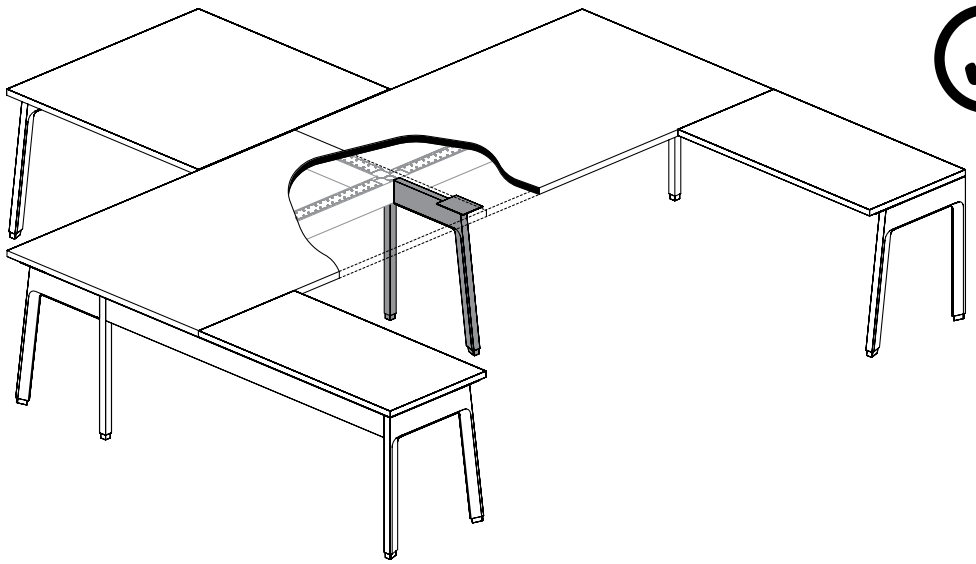
Each exposed Structural Post with Front Leg needs to be attached to a suspended (JNBSF, JNBSO, JNBSOO, JNBSC) or semi-suspended (JNBDF, JNBDO, JNBDOO, JNBDC) credenza, or to a hiSpace or Navigate Height-Adjustable Table using a Table Attached Stabilizer for Structure (JNDST)

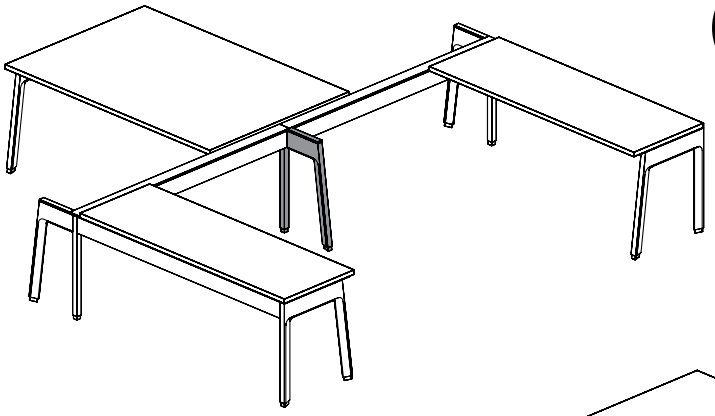
planning with structural post with front leg (continued)

The In-Line Post with Front Leg **cannot** be shifted

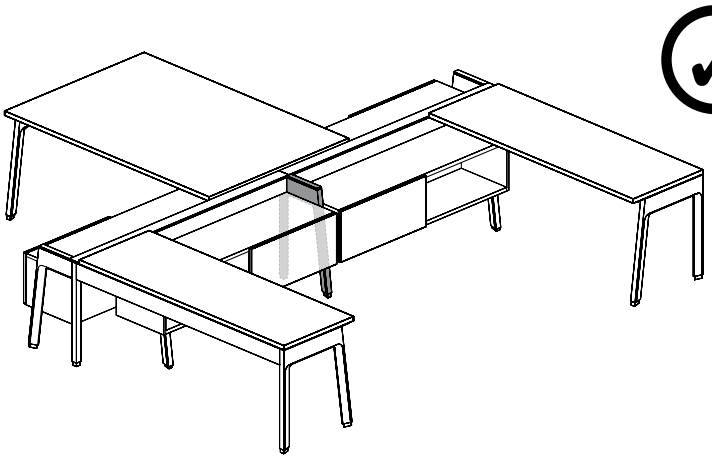
in-line position

- The Structural Post with Front Leg can be covered with worksurfaces





When exposed, the Structural Post with Front Leg **cannot** be used alone

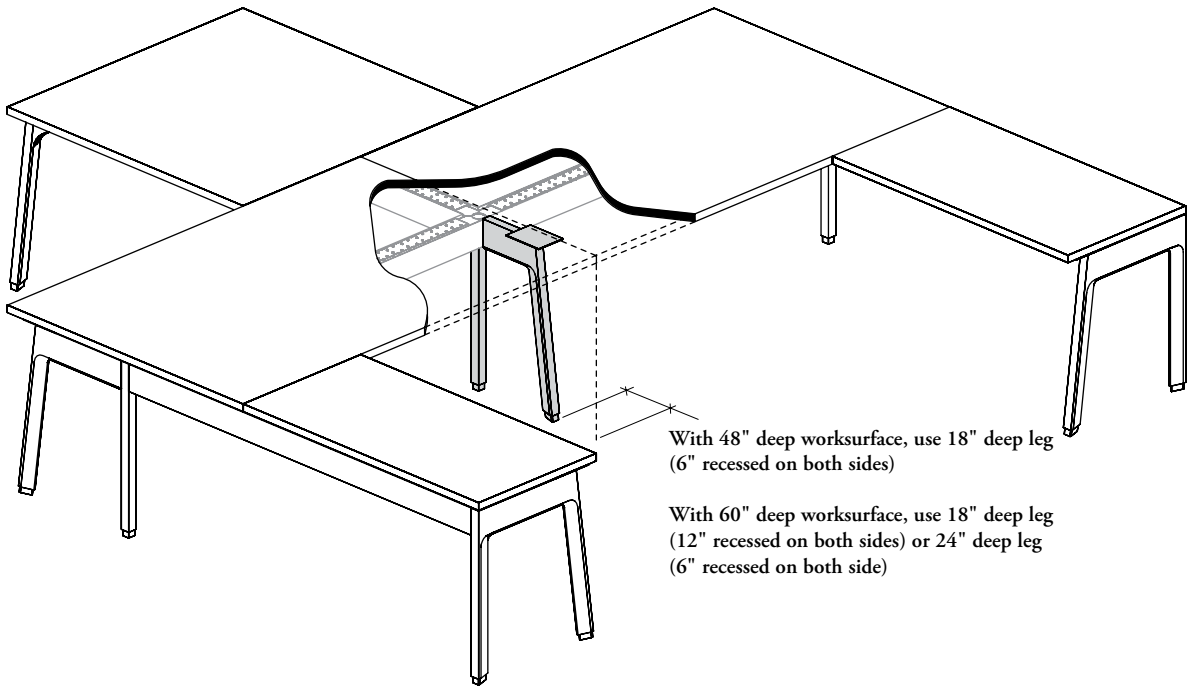


Each exposed Structural Post with Front Leg needs to be attached to a suspended (JNBSF, JNBSO, JNBSOO, JNBSC) or semi-suspended (JNBDF, JNBDO, JNBDOO, JNBDC) credenza, or to a hiSpace or Navigate Height-Adjustable Table using a Table Attached Stabilizer for Structure (JNDST)

planning with structural post with front leg (continued)

- A recessed leg provides additional kneespace clearance at centered worksurface and available with In-Line configuration only
- Can only be used in conjunction of two Double-Sided Beams only
- **Not** applicable with Structural Leg

for double-sided configuration – recessed support restriction



Workstations with Returns

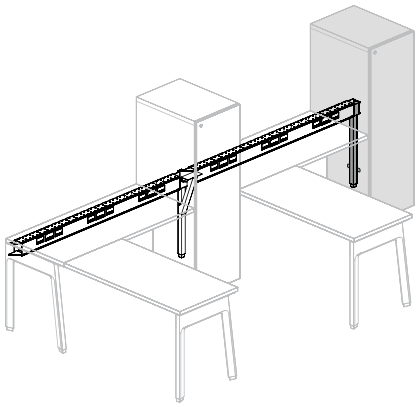
- An In-Line Structural Post with Front Leg can be used as an intermediate support in a shared position between two worksurfaces. The leg supports both worksurfaces and can be full depth 6" or 12" recessed from the user edge of the worksurface
- No suspended or semi-suspended credenza, or suspended pedestal/cubby can be suspended to a recessed leg. The leg must be specified of the same depth than the worksurface to support a storage

understanding supporting storage

End Structural Post – Storage is required in combination with an end-tower to finish the end of a workstation with a storage. The In-Line Structural Post – Single- or Double-Sided Beam (JNDBB or JNDCB) and Structural Post with Front Leg can also be used in combination with supporting storage or in-line towers in the middle of workstations.

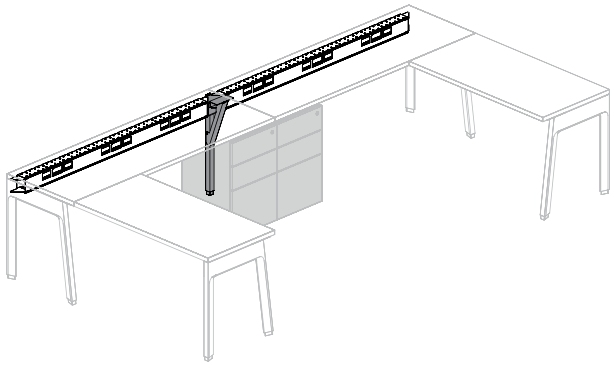
Four support connections are available:

end post – storage (E)



- The End – Storage Structural Post (JNDPUE) must be specified for this application
- Used in end of run only
- Can be applicable with Single- and Double-Sided configurations
- Can be used with End of Station Beam Towers only
- Must be specified in the With Storage Brackets option

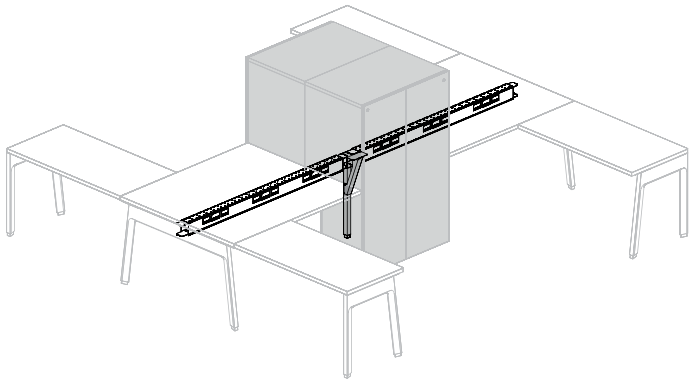
in-line post – single-sided beam (T)



- The In-Line – Single-Sided Beam Structural Post (JNDPUT) must be specified for this application
- Used in middle of run only
- Can be applicable with Single-Sided configuration only
- Can be used with 28" high freestanding storage – Attached to Worksurface or with In-Line Beam Towers
- Must be specified in the With Storage Brackets option

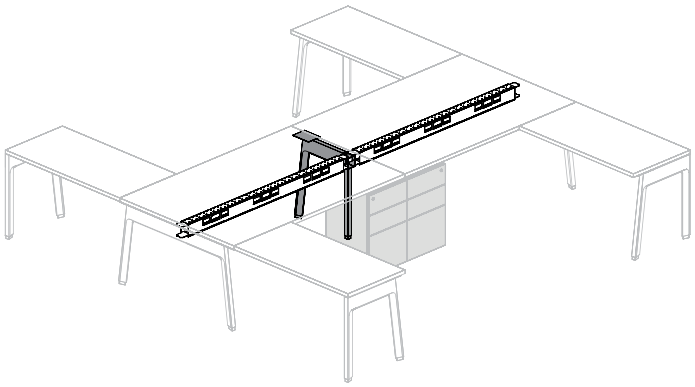
understanding supporting storage (continued)

in-line post – double-sided beam (X)



- The In-Line – Double-Sided Beam Structural Post (JNDPUX) must be specified for this application
- Used in middle of run only
- Can be applicable with Double-Sided configuration only
- Can be used with 28" high freestanding storage – Attached to Worksurface or with In-Line Beam Towers
- Must be specified in the With Storage Brackets option

in-line – structural post with front leg



- The Structural Post with Front Leg – In-Line (JNDPFI) must be specified for this application
- Used in middle of run only
- Can be applicable with Double-Sided configuration only
- Can be used with 28" high freestanding storage – Attached to Worksurface only
- This post does not require any Storage Brackets option

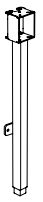
planning with end storage structural post – supporting storage

The following should be considered when planning with End – Storage Structural Post.

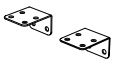
- Is mandatory to be used in conjunction with End of Station Beam Towers to support the end of the structural beam run
- 28" high Freestanding Storage **cannot** be used with this post and need a Structural Leg to support the beam at the end of the run

end – storage application with beam towers

- A Structural Post specified in End – Storage configuration with the Storage Bracket option is required to support a single- or double-sided beam at the end of a run and maintain stability
- Only the Beam Towers with End of Station option can be used
- Hang-On Kit is included with Beam Towers and is used to support one end of the worksurface. They must be installed to maintain stability
- The width of the worksurface will have to be reduced accordingly to the width of the tower

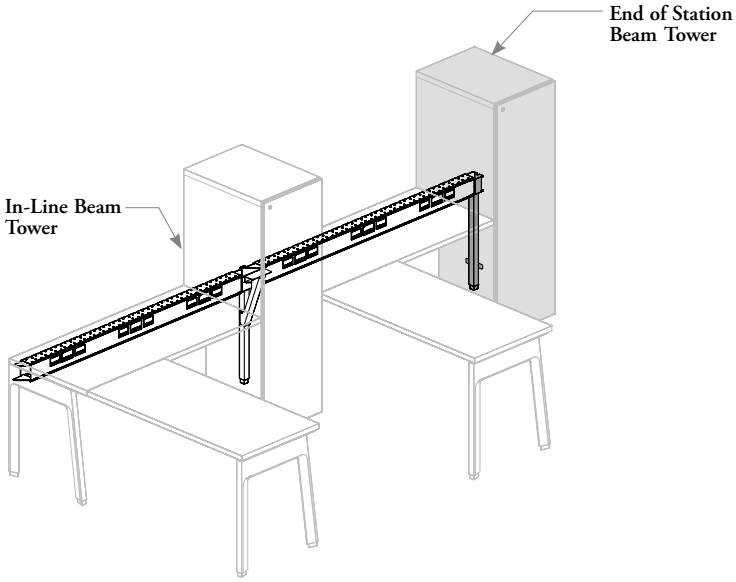


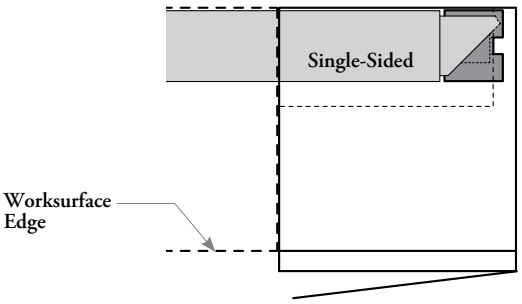
Structural Post End – Storage (JNDPU(E))



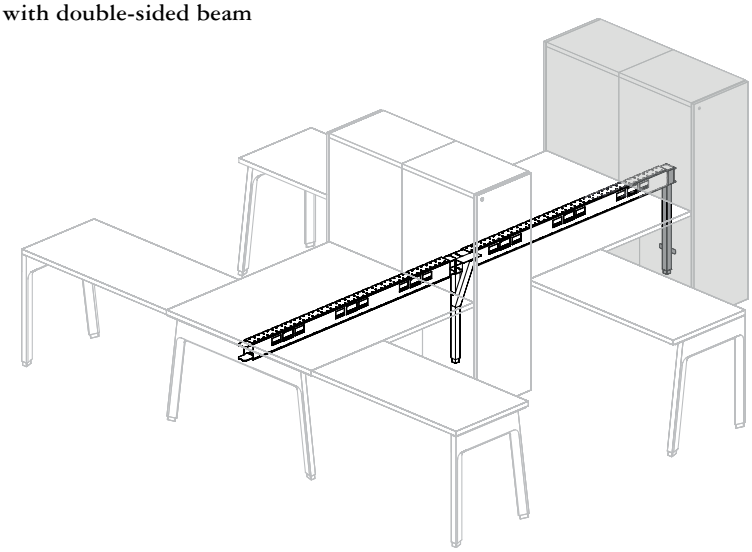
Hang-On Kit (JNFKH)

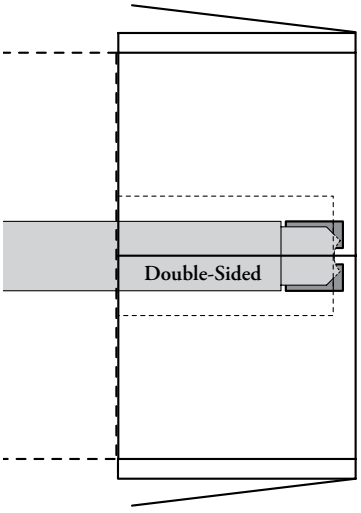
with single-sided beam





with double-sided beam





planning with in-line structural post – supporting storage

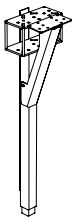
The following should be considered when planning with In-Line Single-Sided Beam Structural Post.

Is mandatory to be used in conjunction with In-Line Beam Towers or 28" high Freestanding Storage to support and connect two contiguous Single-Sided Beams in middle of workstations

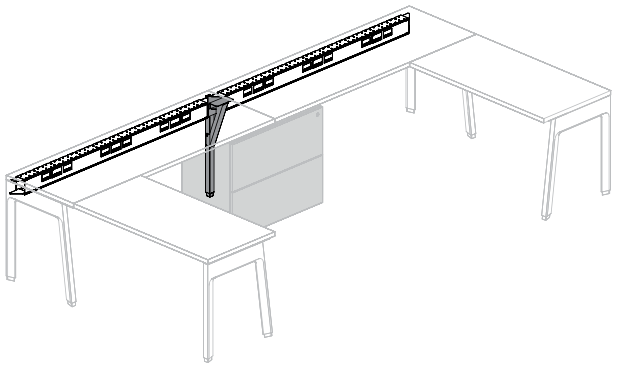
in-line – single-sided application with 28" high freestanding storage

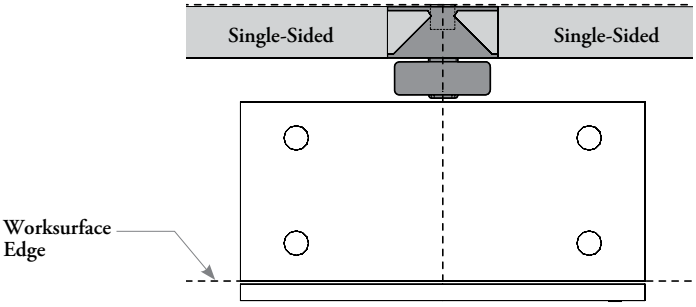
- A Structural Post specified in the In-Line – Single-Sided Beam configuration with the Storage Bracket option is required to connect two single-sided beams in middle of workstations and maintain stability
- The Supporting Storage Kit is included with 28" high storage with the Attached to Worksurface (A) option and is used to support one end of a worksurface. It must be installed to maintain stability

Supporting Storage Kit (JNFKS)

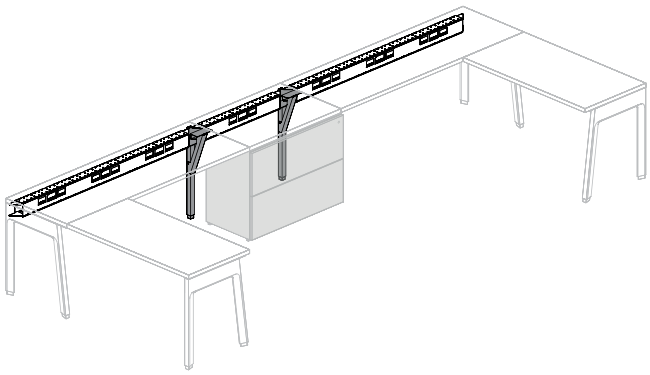


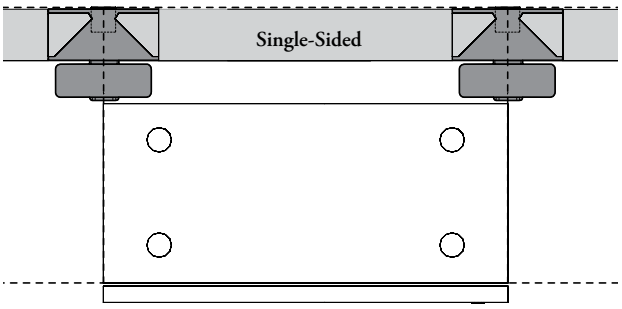
Structural Post In-Line – Single-Sided Beam with Storage Bracket (JNDPU(TW))





- One 28" high storage with the Attached to Worksurface (A) option can be used in conjunction with one post to support the junction of two worksurfaces
- Two 28" high storage with the Attached to Worksurface (A) option can also be used side-by-side for this application





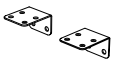
One 28" high storage with the Attached to Worksurface (A) option can be used in conjunction with two posts to support a worksurface of the same width and both junctions of worksurfaces on each side. The Lateral Linking Plates Kit (JNFKL) is mandatory for this application

Lateral Linking Plates Kit (JNFKL)

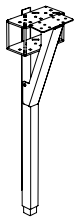
planning with in-line structural post – supporting storage (continued)

in-line – single-sided application with beam towers

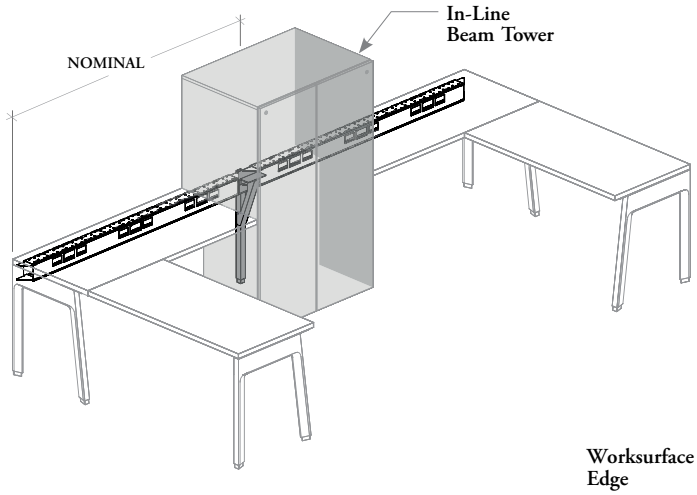
- A Structural Post specified in the In-Line – Single-Sided Beam configuration with the Storage Bracket option is required to connect two single-sided beams in middle of workstations and maintain stability
- Only the Beam Towers with In-Line option can be used for this application
- The Hang-On Kit is included with Beam Towers and is used to support one end of a worksurface. It must be installed to maintain stability of worksurfaces on both sides

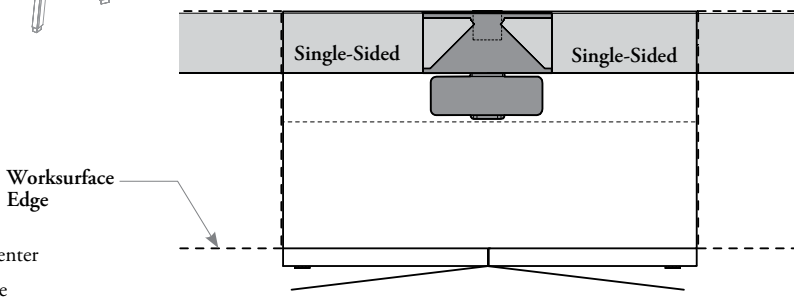


Hang-On Kit (JNFKH)

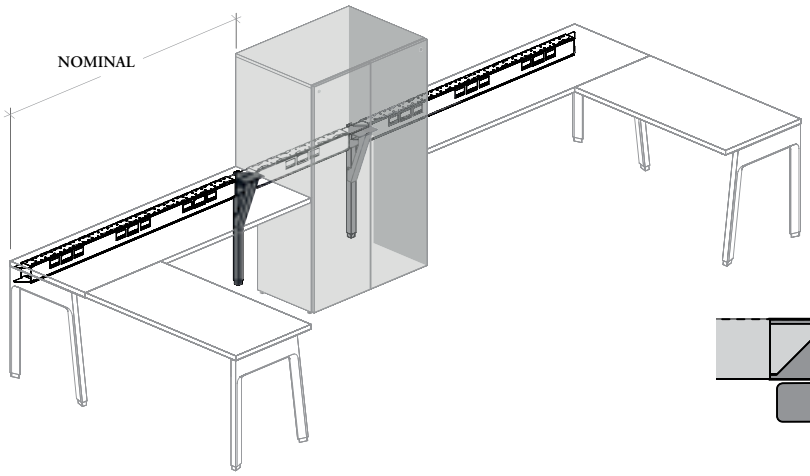


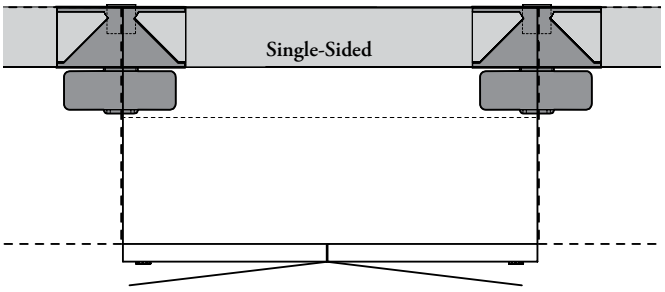
Structural Post In-Line – Single-Sided Beam with Storage Bracket (JNDPU(TW))





- One In-Line Beam Tower can be used centered or justified at post center
- The width of worksurfaces will have to be reduced accordingly to the width of the tower and its position





- One In-Line Beam Tower can be used centered between two posts and a beam of the same width
- The width of worksurfaces will equal the width of the beams on both sides

planning with in-line structural post – supporting storage (continued)

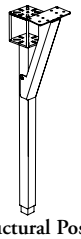
The following should be considered when planning with In-Line Double-Sided Beam Structural Post.

- Is mandatory to be used in conjunction with In-Line Beam Towers or 28" high Freestanding Storage to support and connect two contiguous Double-Sided Beams in middle of workstations
- Back-to-back freestanding storage are mandatory with this post. For using freestanding storage on one side only, please refer to Planning with In-Line Post with Front Leg – Supporting Storage on page 263

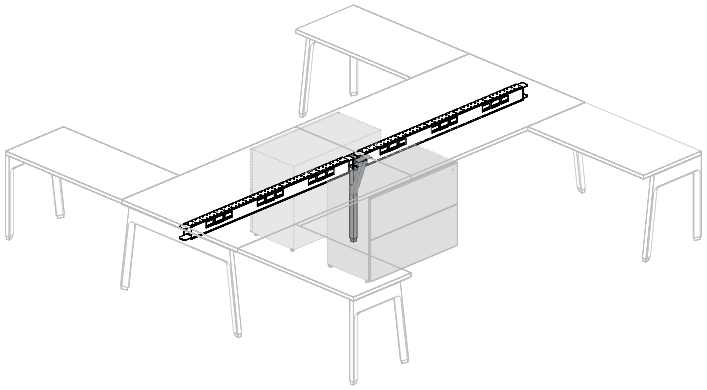
in-line – double-sided application with 28" high freestanding storage

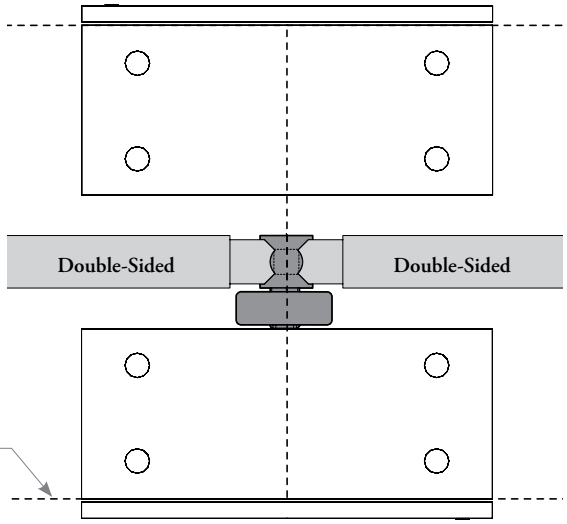
- A Structural Post specified in the In-Line – Double-Sided Beam configuration with the Storage Bracket option is required to connect two double-sided beams in middle of workstations and maintain stability
- The Supporting Storage Kit is included with 28" high storage with the Attached to Worksurface (A) option and is used to support one end of a worksurface. It must be installed to maintain stability
- Comes with one Storage Bracket only

Supporting Storage Kit (JNFKS)

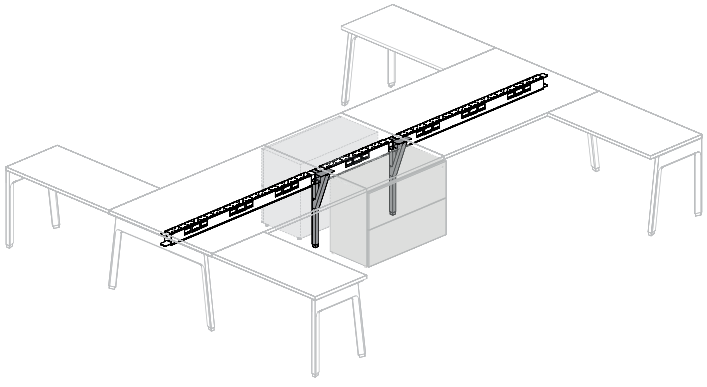


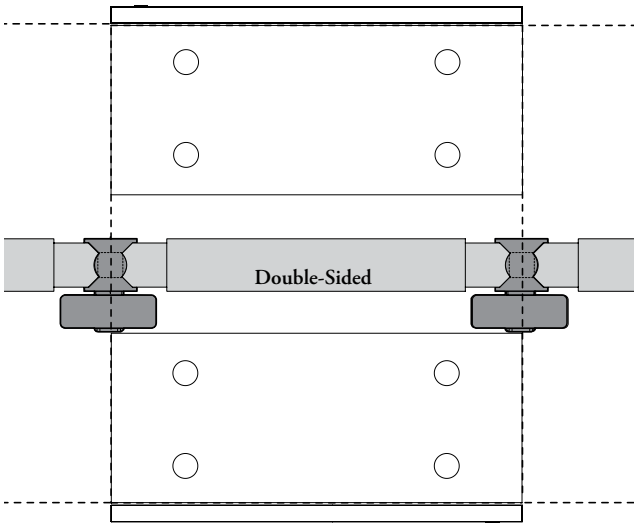
Structural Post In-Line – Double-Sided Beam with Storage Bracket (JNDPU(XW))





- Back-to-back 28" high storage with the Attached to Worksurface (A) option can be used on in conjunction with one post to support the junction of two worksurfaces
- For this application, two 28" high storage with the Attached to Worksurface (A) option can also be used side-by-side on each side of the beam





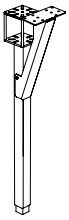
One 28" high storage with the Attached to Worksurface option can be used on each side of the beam in conjunction with two posts to support a worksurface of the same width and both junctions of worksurfaces on each side. Two Lateral Linking Plates Kits (JNFKL) are mandatory for this application

Lateral Linking Plates Kit (JNFKL)

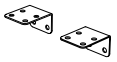
planning with in-line structural post – supporting storage (continued)

in-line – double-sided application with beam towers

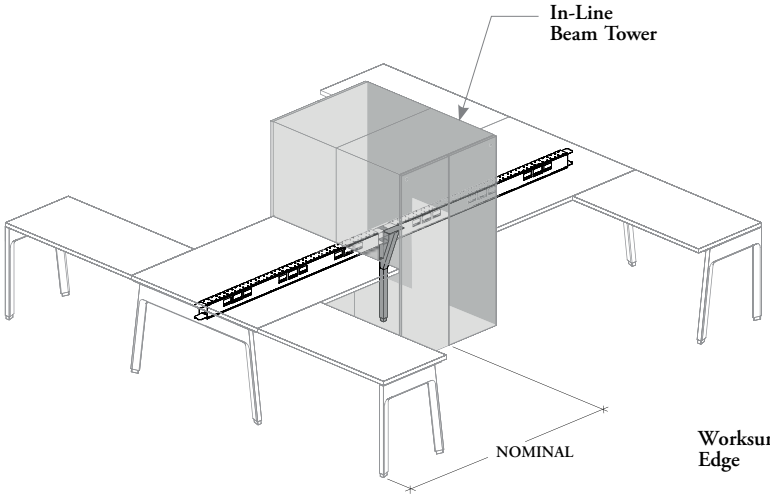
- A Structural Post specified in the In-Line – Double-Sided Beam configuration with the Storage Bracket option is required to connect two double-sided beams in middle of workstations and maintain stability
- Back-to-back Beam Towers with In-Line option are mandatory for this application
- The Hang-On Kit is included with Beam Towers and is used to support one end of a worksurface. It must be installed to maintain stability of worksurfaces on both sides
- Comes with one Storage Bracket only which is sufficient to maintain stability

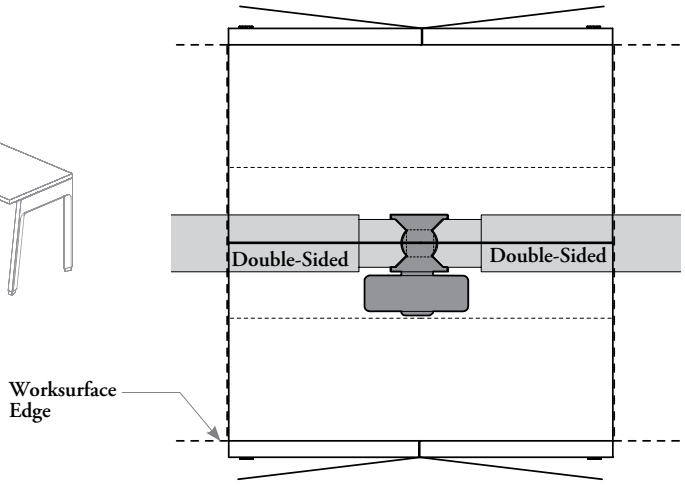


Structural Post
In-Line – Double-Sided
Beam with Storage Bracket
(JNDPU(XW))

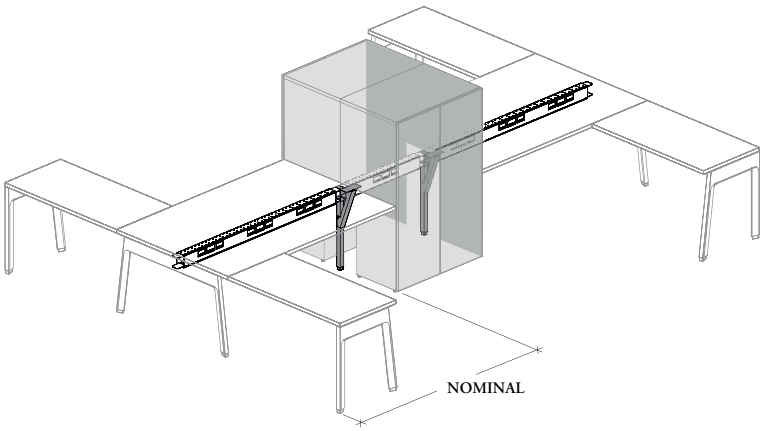


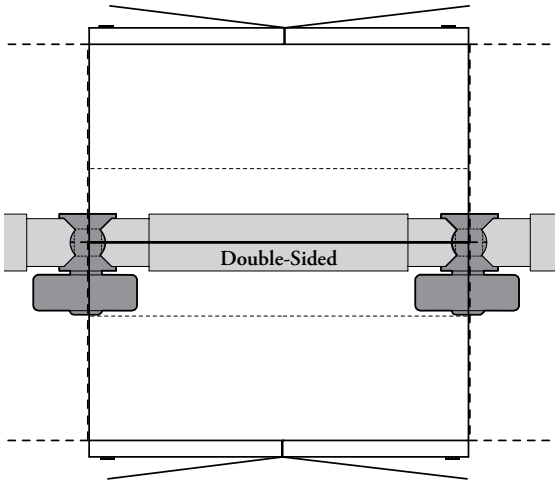
Hang-On Kit (JNFKH)





- Back-to-back In-Line Beam Towers can be used centered or justified at post center
- The width of worksurfaces will have to be reduced accordingly to the width of the tower and its position





- Back-to-back In-Line Beam Towers can be used centered between two posts and a beam of the same width
- The width of worksurfaces will equal the width of the beams on both sides

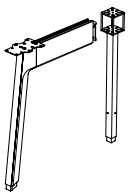
planning with in-line structural post with front leg – supporting storage

The following should be considered when planning with In-Line Double-Sided Beam Structural Post with Front Leg.

Is mandatory to be used in conjunction with a 28" high Freestanding Storage to support and connect two contiguous Double-Sided Beams in middle of workstations

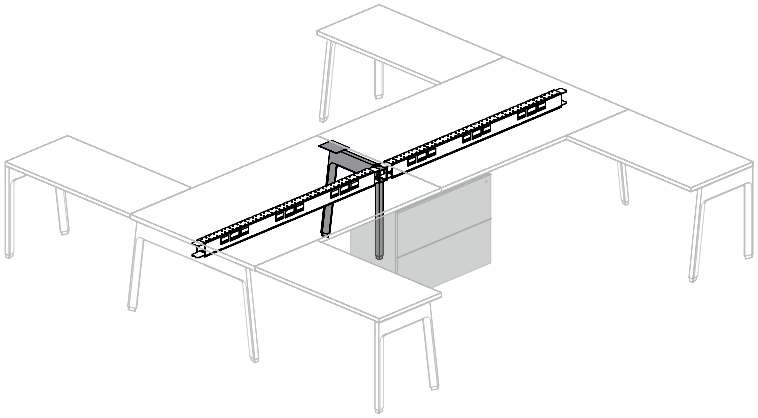
in-line application with 28" high freestanding storage

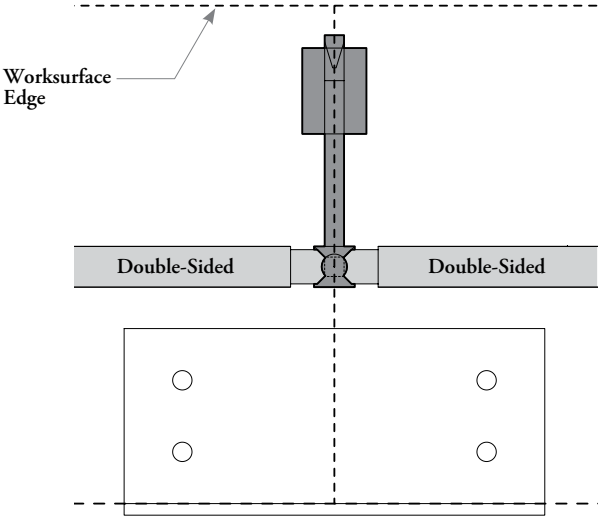
- A Structural Post with Front Leg specified with the In-Line – Double-Sided Beam option is required to support and connect two double-sided beams in middle of workstations
- The 28" high Freestanding Storage with the Attached to Worksurface (A) option is mandatory on the opposite side of the front leg
- The Supporting Storage Kit is included with 28" high storage with the Attached to Worksurface (A) option and is used to support one end of a worksurface. It must be installed to maintain stability



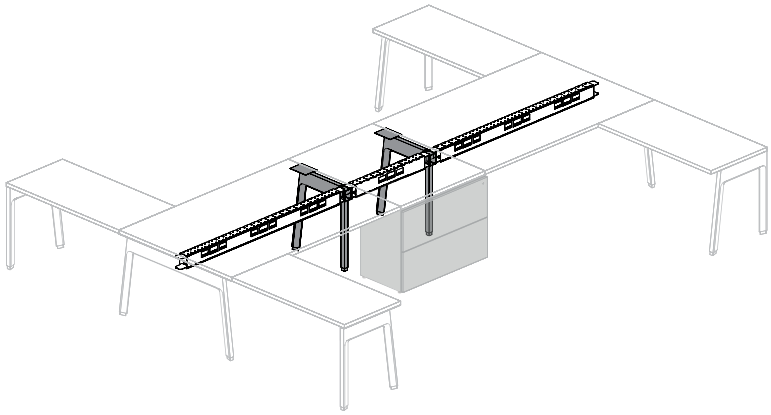
Structural Post with Front Leg In-Line – Double-Sided Beam (JNDPF(I))

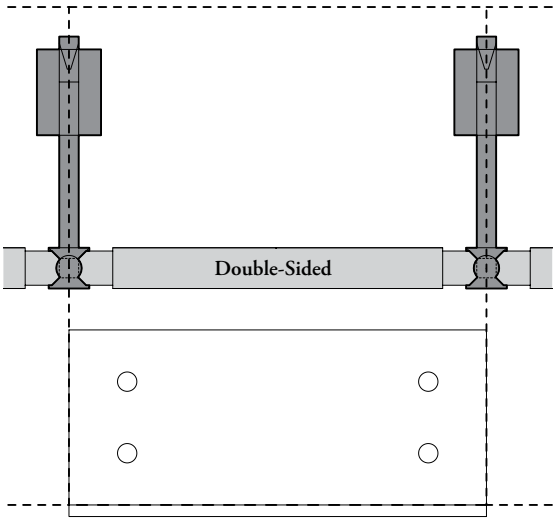
Supporting Storage Kit (JNFKS)





- One 28" high storage with the Attached to Worksurface (A) option can be used in conjunction with one post with front leg to support the junction of two worksurfaces
- Two 28" high storage with the Attached to Worksurface (A) option can also be used side-by-side for this application



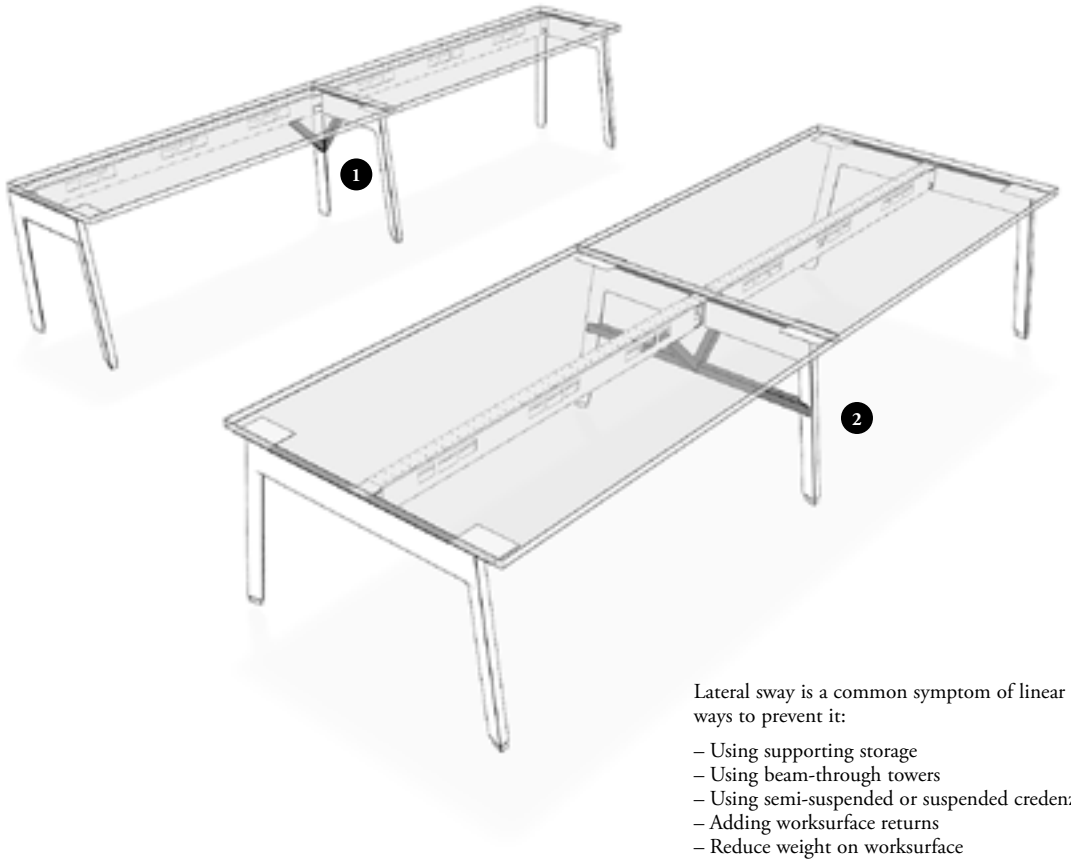


One 28" high storage with the Attached to Worksurface (A) option can be used in conjunction with two posts with front leg to support a worksurface of the same width and both junctions of worksurfaces on each side. The Lateral Linking Plates Kit (JNFKL) is mandatory for this application

Lateral Linking Plates Kit (JNFKL)

bench stabilizer basics

Expansion Cityline offers Bench Stabilizer to reduce reverberation in extreme cases on single- or double-sided workstation.



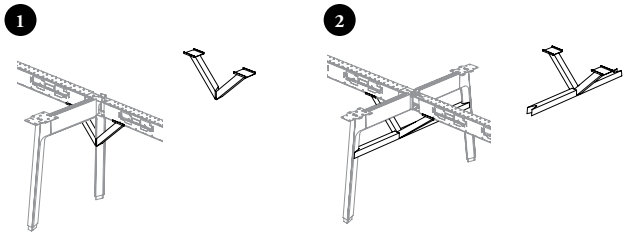
Lateral sway is a common symptom of linear planning but there are many ways to prevent it:

– Using supporting storage
– Using beam-through towers
– Using semi-suspended or suspended credenzas
– Adding worksurface returns
– Reduce weight on worksurface

For cases where neither of these solutions can be used, a Bench Stabilizer can be added

Bench Stabilizer (JNDBS)

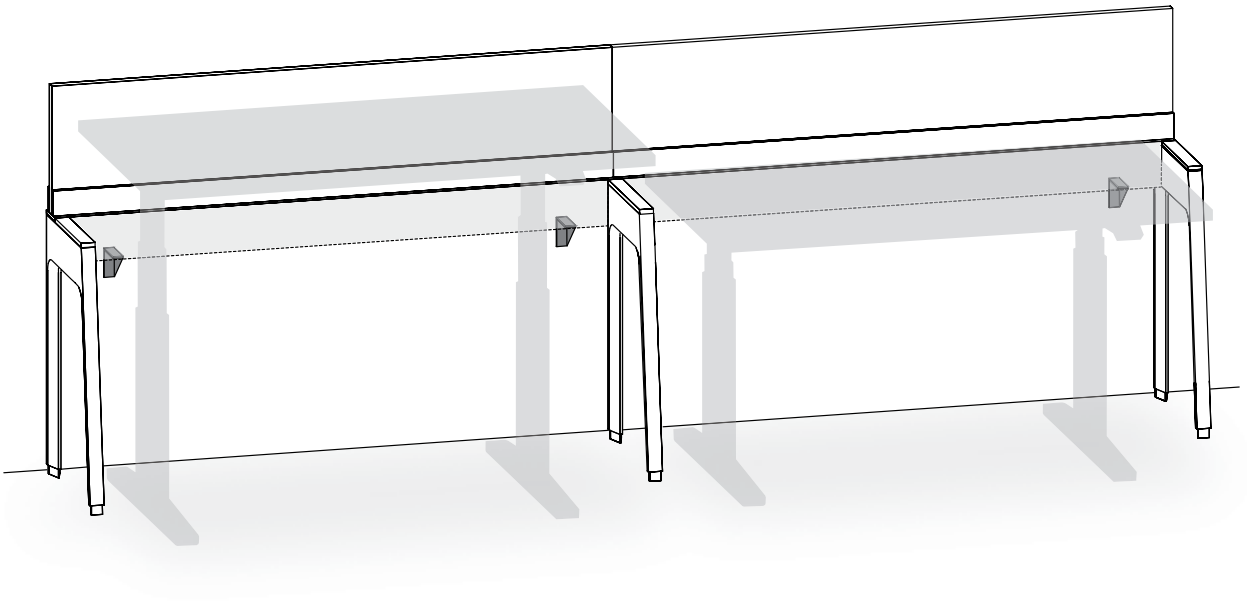
- Used to reduce reverberation in extreme cases on single- double-sided workstation with extensive mounted storage or long lengths
- Only available with Angled (A) support style
- Are available in single- and double-sided leg configurations
- Available in structural leg depths 18", 24" or 30" for single-sided configuration and 36", 48" or 60" for double-sided configuration
- For use on Single- or Double-Sided Structural Leg and Beam (JNDBB or JNDCB)
- **Finishes:** Foundation, Mica and Accent



Single-Sided (S) **Double-Sided (D)**

wall anchored stabilizer for structure basics

Expansion Cityline offers stabilizers for wall to achieve stability on single-sided exposed beam workstation.



Wall Anchored Stabilizer for Structure (JNDSWB) E-Z compatible

- Can be used with Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB) against a wall to maintain stability of the structure
- Must be attached to a building wall and a Single-Sided Beam only
- Creates a gap with the wall

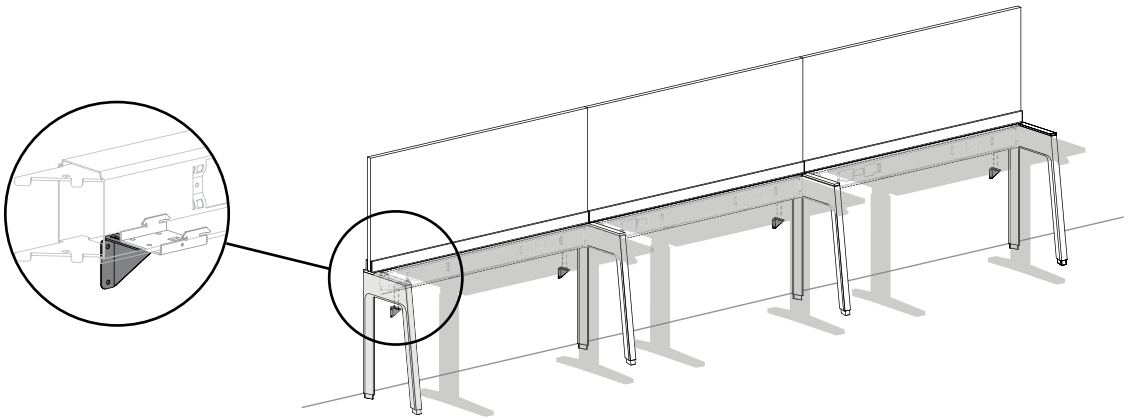
Finishes
Foundation, Accent and Mica

planning with wall anchored stabilizer for structure

The following should be considered when planning with stabilizer and when the single-sided exposed structure is placed against a building wall.

single-sided exposed structure with wall anchored stabilizers

Wall Anchored Stabilizer for Structure (JNDSWB) is used to maintain stability of a single-sided exposed structure placed against a wall



Stabilizer Positions are required

- Each Structural Leg – Single-Sided used in exposed structure application must be secured
- Each stabilizer must be secured on a wall stud or with an appropriate wall fixation hardware (**not** included). Refer to the installation guide for recommandations

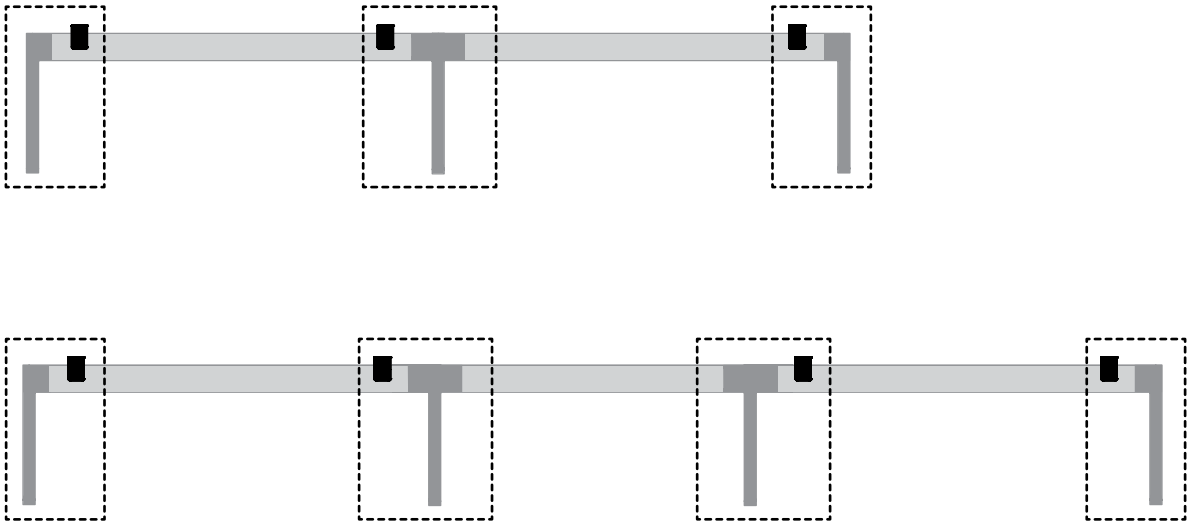
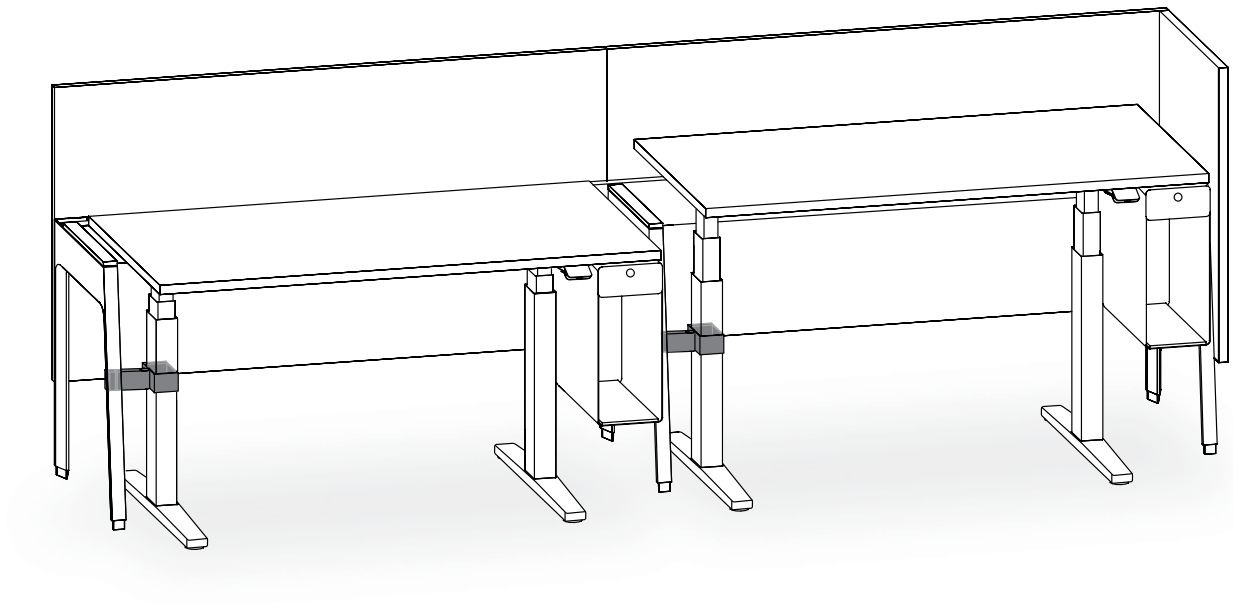


table attached stabilizer for structure basics

Expansion Cityline offers stabilizers for structure to achieve stability on single-sided exposed beam workstation.



hiSpace (H)

Navigate (N)

Table Attached Stabilizer for Structure (JNDST) EZ compatible

- Can be used against a wall or along a corridor to maintain stability of the structure
- Can be used with Single- or Double-Sided Angled Structural Leg (A) (End-Left, End-Right or In-Line configuration) and with hiSpace (H) or Navigate Height-Adjustable Leg (N) only
- This stabilizer on one side must be inserted on integrated slots included with Structural Leg and the other side fixed to a hiSpace or Navigate height-adjustable leg
- **Cannot** be used in conjunction with an Vertical Wire Carrier (JNHEA) on the same side
- **Cannot** be used on Low Structural Legs

Finishes
hiSpace configuration is available in Ebony, Platinum or Very White
Navigate configuration is available in Foundation, Accent or Mica

planning with table attached stabilizer for structure

The following should be considered when planning with stabilizer and when the single-sided exposed structure is placed against a building wall or in corridor.

single-sided exposed structure with table attached stabilizers

- **Table Attached Stabilizer for Structure (JNDST)** is used to maintain stability of a single-sided exposed structure in a corridor or against a wall
- Product combinations are **not** all possible. 18" deep Structural Leg works with 23" deep hiSpace Quick Connect Height-Adjustable Mechanism or Navigate base. 24" deep Structural Leg works with 29" deep hiSpace Quick Connect Height-Adjustable Mechanism or Navigate base

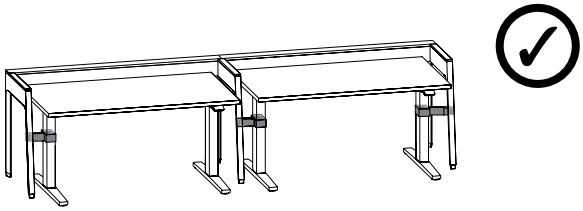


Table Attached Stabilizer for Structure can be used on both sides of a hiSpace or Navigate Height-Adjustable Table

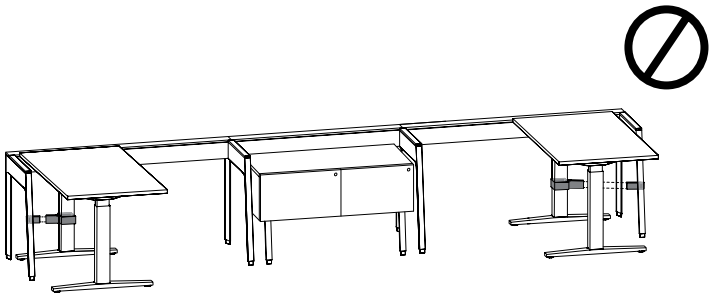
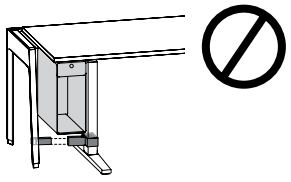
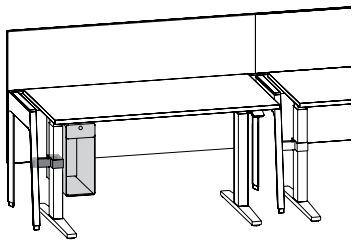


Table Attached Stabilizer for Structure cannot be used with hiSpace or Navigate Height-Adjustable Table placed perpendiculary to Structural Beam

Cannot be used on the same side than an Suspended Personal Storage – Standard (JNAUOD_S or JNAUED_S). If a stabilizer is required, the Suspended Personal Storage must be placed at the other end or the Height-Adjustable Table Frame Recessed Mounting option must be used

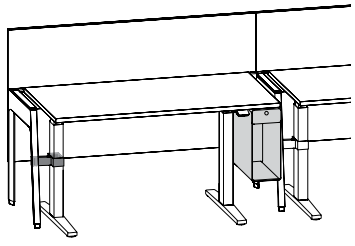


When Suspended Personal Storage – Standard is used on same side of Table Attached Stabilizer



When Suspended Personal Storage – Height-Adjustable Table Frame Recessed is used

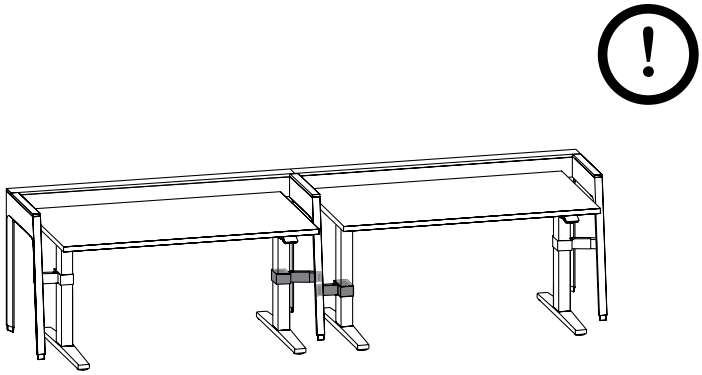
OR



When Suspended Personal – Standard is used on opposite side of Table Attached Stabilizer

planning with table attached stabilizer for structure (continued)

single-sided exposed structure with table attached stabilizers (continued)



Only one Table Attached Stabilizer is necessary to stabilize a Single-Sided Structural Leg. Using a second Table Attached Stabilizer will make them vertically misaligned

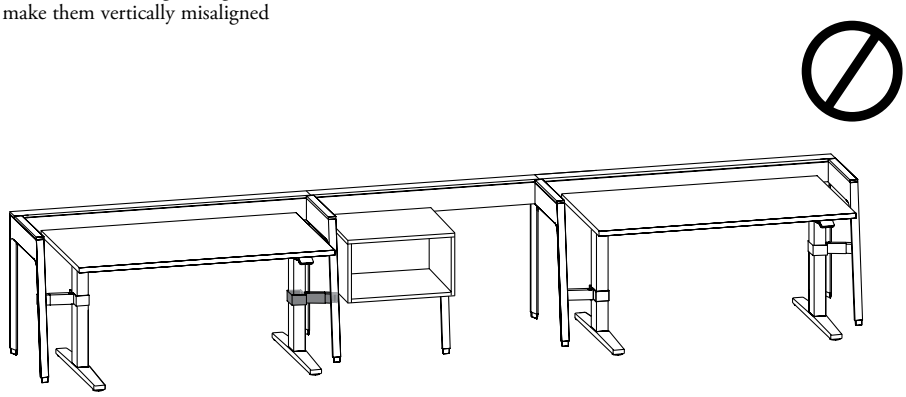


Table Attached Stabilizer for Structure **cannot** be used on the same Structural Leg that supports a Suspended or a Semi-Suspended Credenza

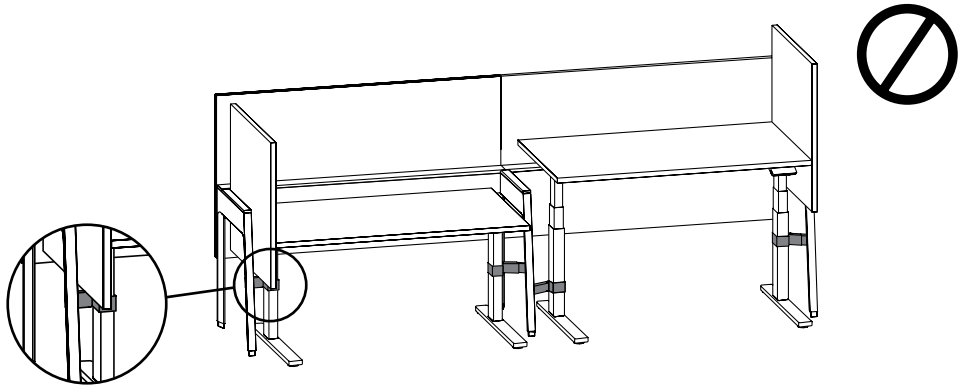


Table Attached Stabilizer for Structure **cannot** be used with Lateral or Elevated Screens inside the Structural Legs because they would hit each other along the adjustment range

understanding low structural leg – fence

Low Structural Legs – Fence support and connect structural beams in linear or 120° planning providing a variety of functionality for social spaces and height-adjustable table environment.

The use of Low Structural Leg – Fence represents a tripping over risk due to the low height of the structure. The furnishing shall only be used in a manner or in a location where someone tripping over is unlikely

Available in Double-Sided style only

Are installed at the end of one Double-Sided Beam or between two contiguous Double-Sided Beams (JNDBB or JNDCB)

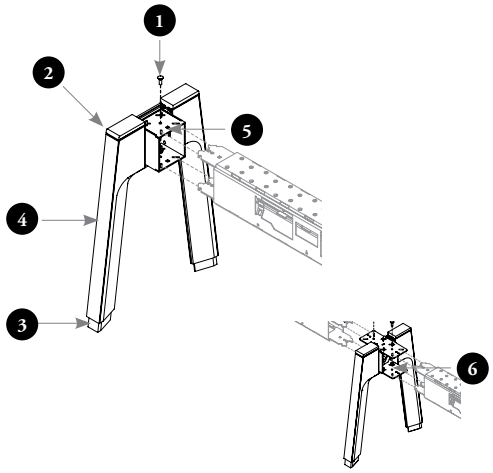
1. Screws and nuts are also included to secure the beam connection to the Structural Leg – Fence
2. Come with two Top Covers to hide the top of the leg for an aesthetic look
3. Come with Leveler Covers hiding the black levelers for a more refined aesthetic

Provides a leveling range of 3" (-3/16", +2 13/16")

low structural leg – fence

4. Come with two angled vertical leg profiles on both sides

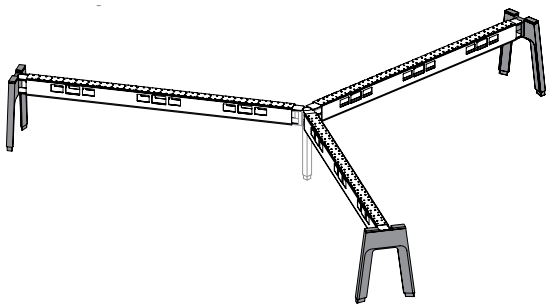
Two connections can be specified: End 5 or In-Line 6



Two configurations are available:

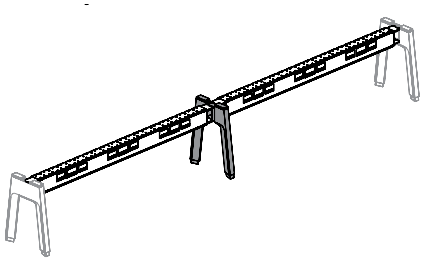
end position

- Used in end of run only
- Used with Double-Sided Beams only



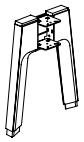
in-line position

- Used between two Structural Beams
- Used with Double-Sided Beams only

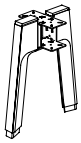


understanding low structural leg – fence (continued)

Two Low Structural Leg – Fence styles are available:

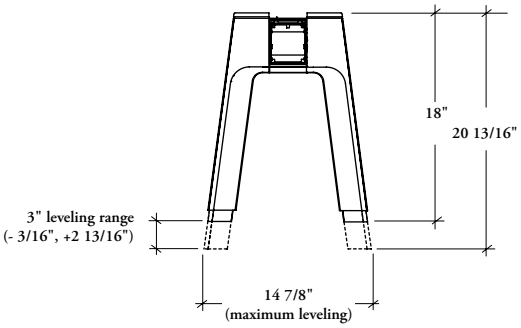


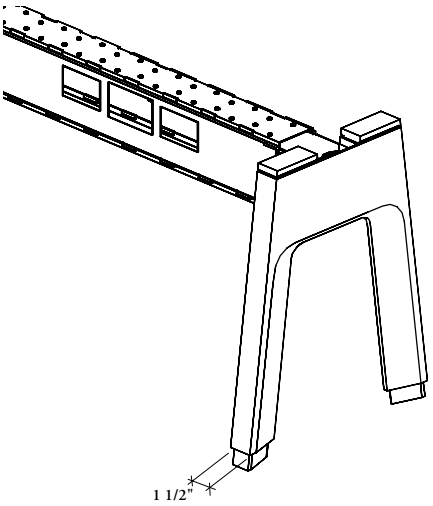
End
Low Structural Leg



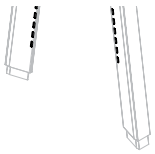
In-Line
Low Structural Leg

Top Cover Height





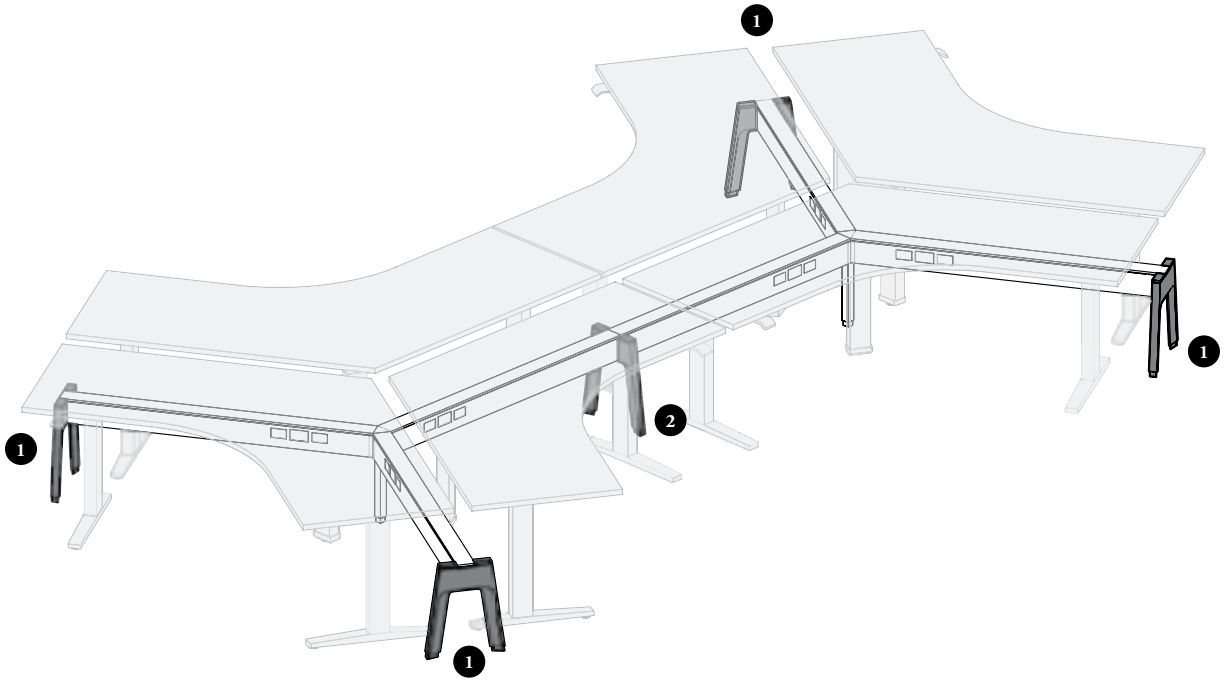
Slots on vertical parts



- The vertical parts come with integrated slots
- **Not** allowed to insert a Table Attached Stabilizer for Structure (JNDST)

low structural leg – fence basics

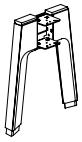
The following outlines the features of each of the Low Structural Leg – Fence available in Expansion Cityline.



Low Structural Leg – Fence (JNDLLF)

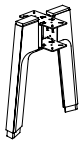
- Only available with Angled leg profiles
- Are available in end or in-line configurations
- Available in 15" depth
- Can only be used with Double-Sided Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB)
- Top Covers are always included
- Height is 18" from the finished floor to the top of the Top Cover with a leveling range of 3"
- Comes with a Leveler Cover to hide the black leveler for aesthetic look. The Leveler Cover will match with the leg finish

1



End (E)

2



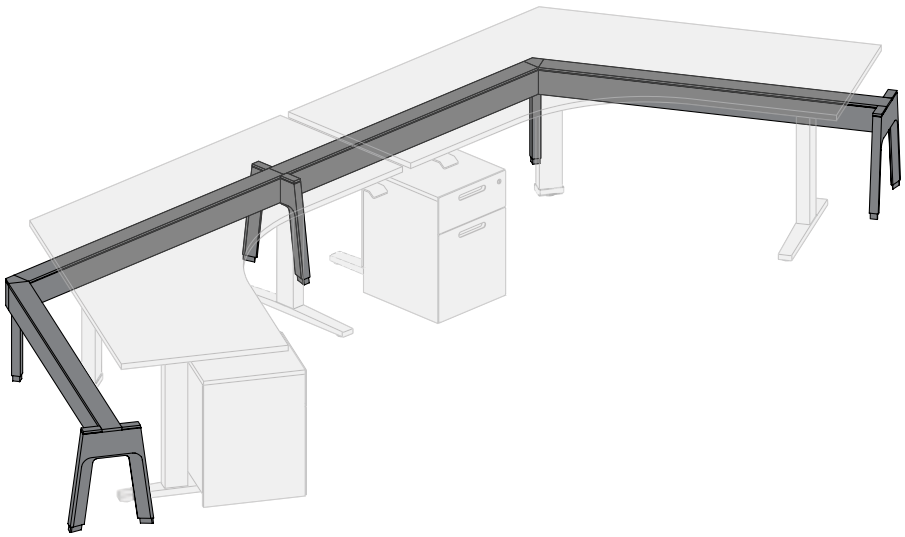
In-Line (I)

planning with low structural leg – fence

The following should be considered when planning with Low Structural Leg – Fence.

- Can be used in linear or 120° planning for heigh-adjustable table environment
- Low Structural Legs – Fence can be used in combination with Low Structural Post – 120° to support exposed beams in such height-adjustable table workstations

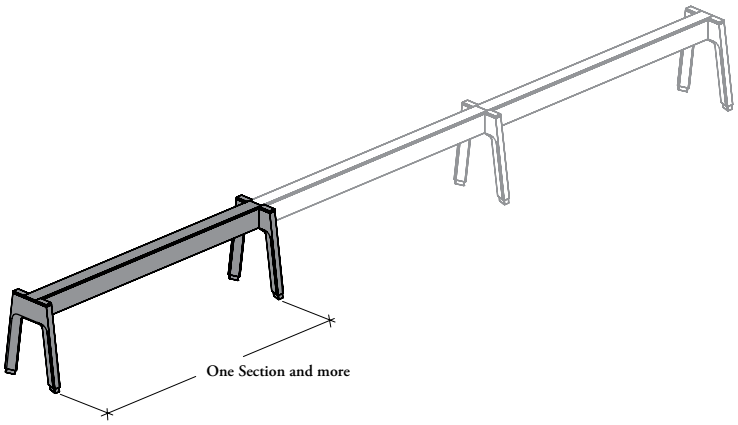
120° station



The combination of Low Structural Legs – Fence with Low Structural Posts – 120° is allowed to create a 120° exposed beams application

station without screen – no restriction

This furnishing shall only be used in a manner or in a location where someone tripping over is unlikely

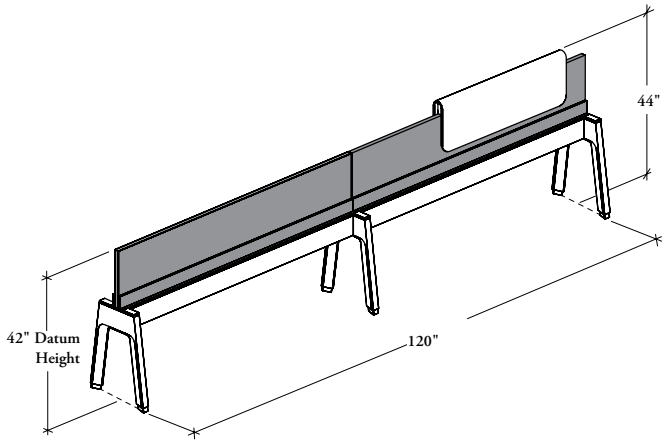


There is no limitation on the number of beams and span width for applications without beam-mounted screens

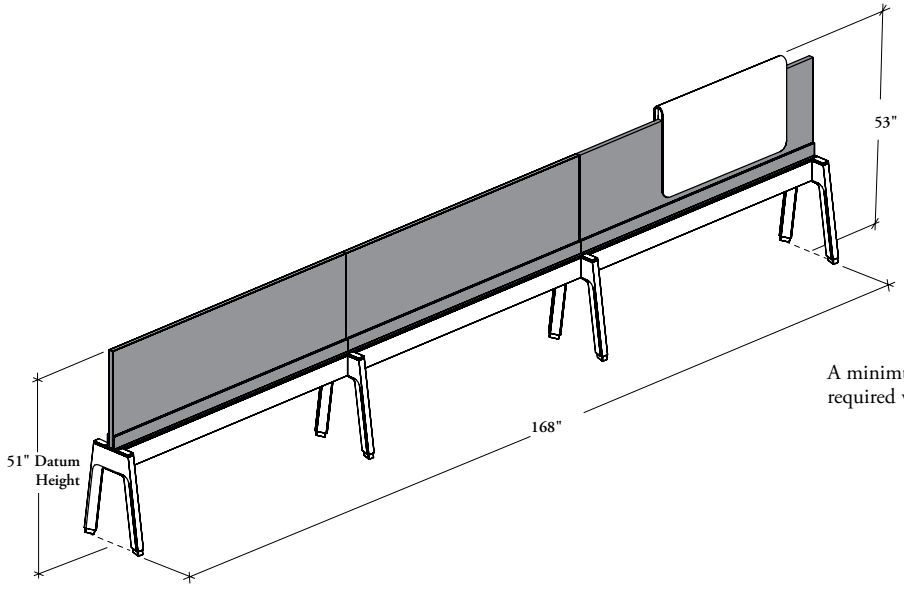
planning with low structural leg – fence (continued)

57" high Add-On Screens or 59" high Sit and Slide Screens are **not** allowed on all low fence workstations

linear station with screens – restrictions



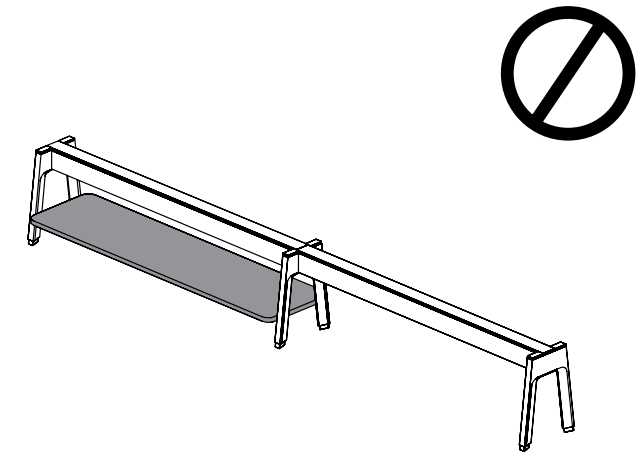
A minimum of two beams and a minimum span of 120" are required when 42" or 44" high screens are mounted on the beam



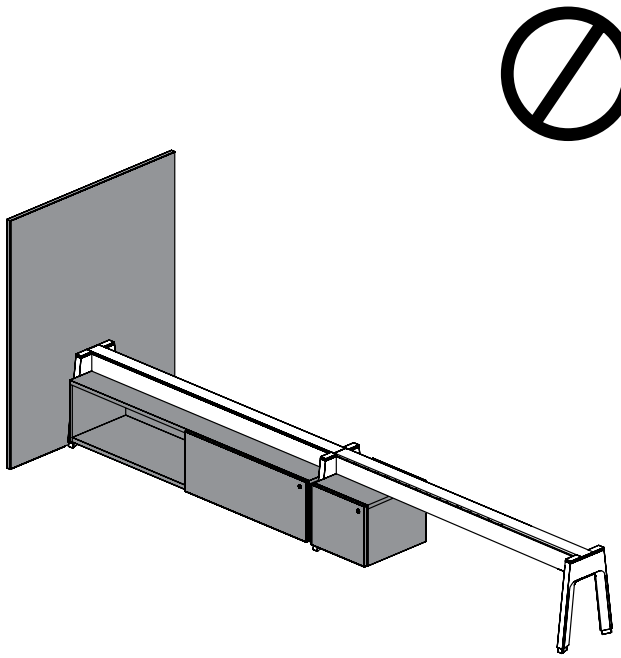
A minimum of three beams and a minimum span of 168" are required when 51" or 53" high screens are mounted on the beam

planning with low structural leg – fence (continued)

low fence structural leg supporting restrictions



No Suspended Shelf (JNBSH) can be attached between two Low Structural Legs – Fence



A Leg Mounted Elevated Screen, Floor Screen or Floor Screen with Metal Tower **cannot** be mounted on the side of the leg and a Suspended or Semi-Suspended Credenza, or a Suspended Pedestal/Cubby, **cannot** be attached to Structural Legs – Fence

understanding structural leg – fence

Structural Leg – Fence supports structural beams in a variety of planning for workstations and social spaces. Linear planning with no surfaces, lateral hang-on cabinets or beam accessories can be specified more cost efficiently using the EZ Fence Structure

Available in Double-Sided style only

Are installed at the end of one Double-Sided beam or between two contiguous Double-Sided Beams (JNDBB or JNDCB)

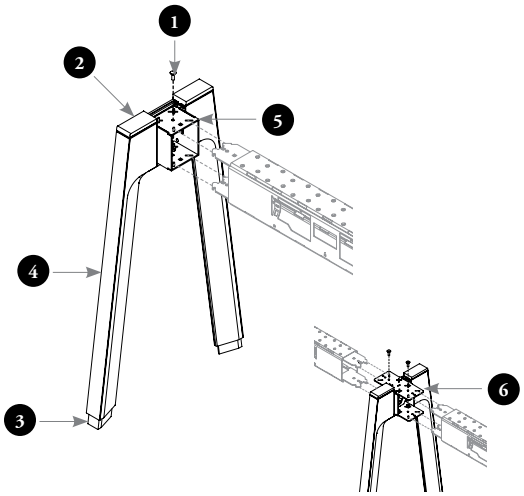
1. Screws and nuts are also included to secure the beam connection to the Structural Leg – Fence
2. Come with two Top Covers to hide the top of the leg for an aesthetic look
3. Come with Leveler Covers hiding the black levelers for a more refined aesthetic

Provides a leveling range of 3" (-3/16", +2 13/16")

structural leg – fence

4. Come with two angled vertical leg profiles on both sides

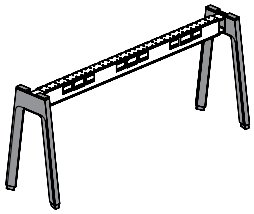
Two connections can be specified: End 5 or In-Line 6



Two configurations are available:

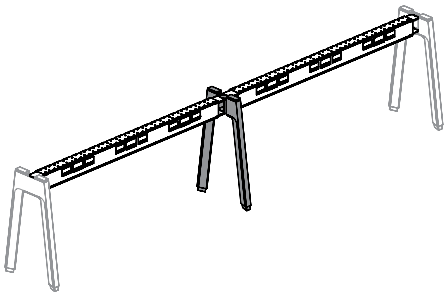
end position

- Used in end of run only
- Used with Double-Sided Beams only



in-line position

- Used between two Structural Beams
- Used with Double-Sided Beams only



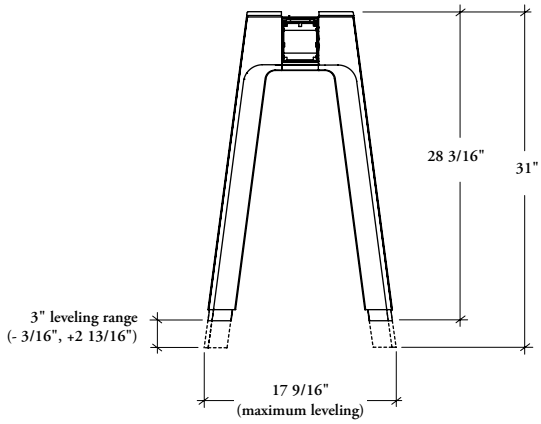
understanding structural leg – fence (continued)

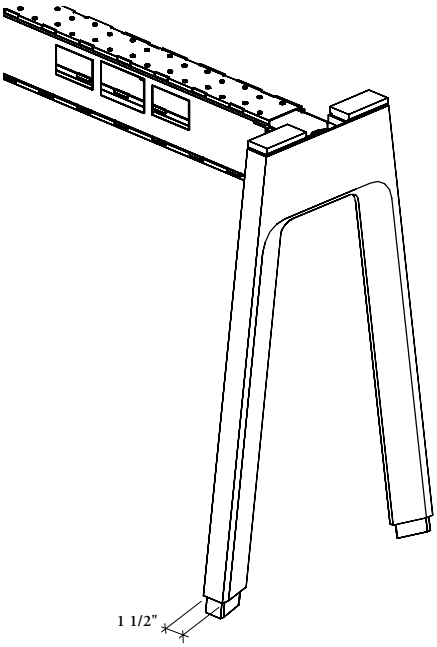
Two Structural Leg – Fence styles are available:

End Structural Leg

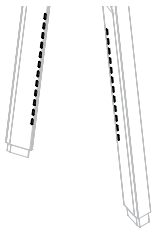
In-Line Structural Leg

Top Cover Height





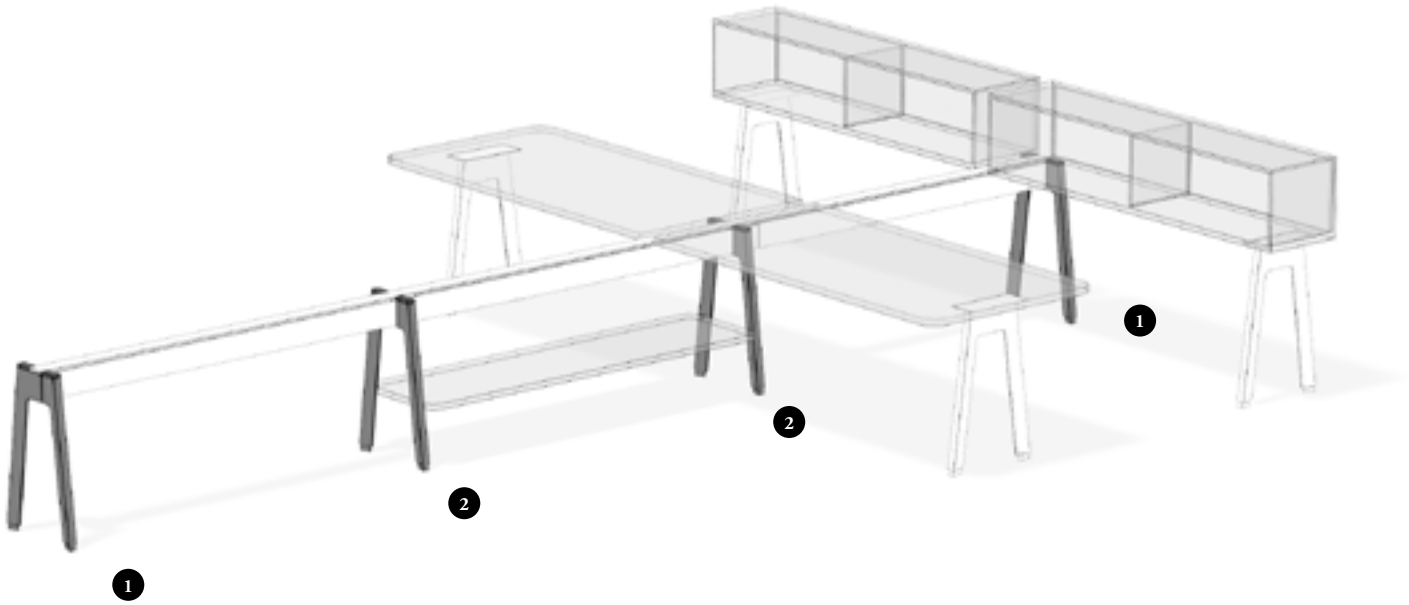
Slots on vertical parts



- The vertical parts come with integrated slots which can support the Suspended Shelf (JNBSH)
- **Not** allowed to insert a Table Attached Stabilizer for Structure (JNDST)

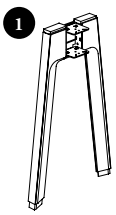
structural leg – fence basics

The following outlines the features of each of the Structural Leg – Fence available in Expansion Cityline.

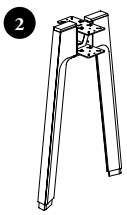


Structural Leg – Fence (JNDLF)

- Only available with Angled leg profiles
- Are available in end or in-line configurations
- Available in 18" depth
- Can only be used with Double-Sided Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB)
- Top Covers are always included
- Height is 28 3/16" from the finished floor to the top of the Top Cover with a leveling range of 3"
- Comes with a Leveler Cover to hide the black leveler for aesthetic look. The Leveler Cover will match with the leg finish



End (E)



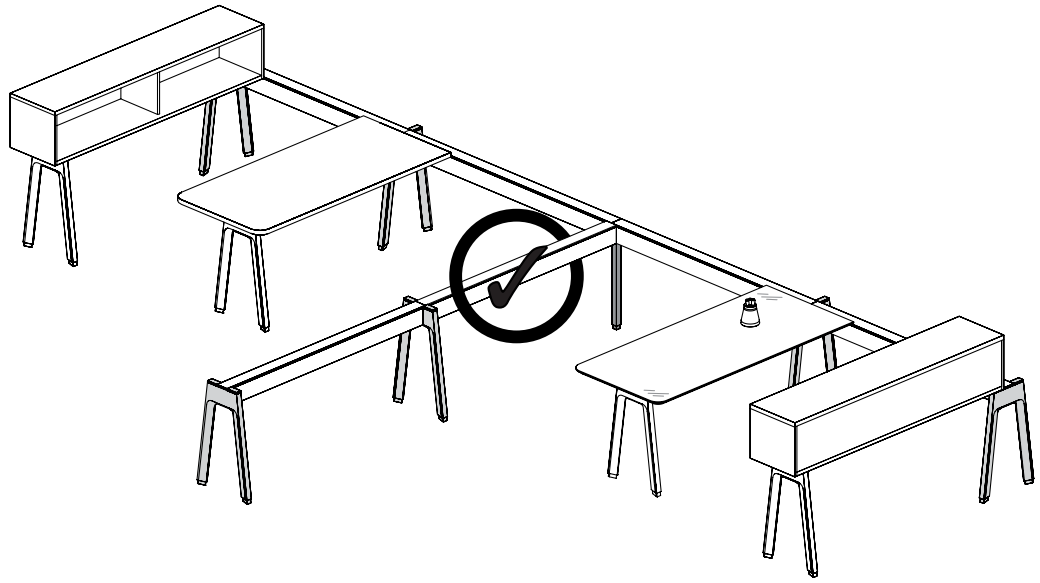
In-Line (I)

planning with structural leg – fence

The following should be considered when planning with Structural Leg – Fence.

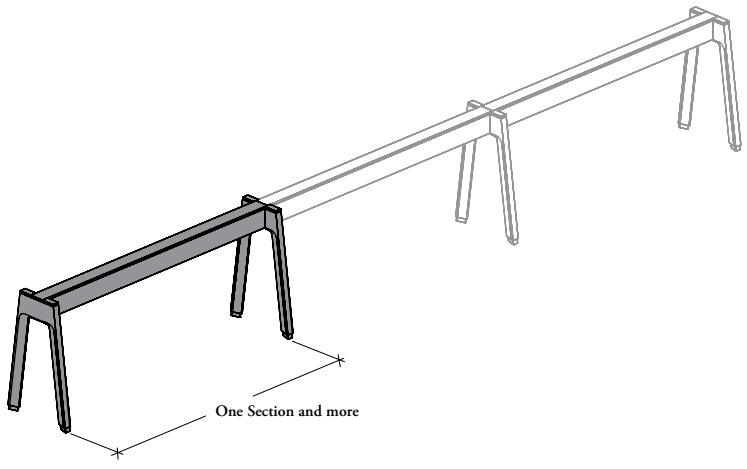
- Can be used in linear, perpendicular and 120° social and collaborative spaces or for height-adjustable table workstations
- Structural Legs – Fence can be used to support exposed beams in such casual applications or height-adjustable table workstations
- Laminate or Writable Glass Peninsula Worksurfaces – Exposed Beam, High Peninsula Worksurfaces and Lateral Hang-On Cabinets are the only furniture components that can be mounted perpendicularly to beam
- Writable Glass Worksurface – Center Beam-Mounted, Suspended Shelf, Beam-Mounted Shelf, Add-On Beam-Mounted Screen, Elevated Beam-Mounted Screen and a variety of accessories can complement social and collaborative spaces

casual perpendicular station



90° and 120° connections are allowed with exposed beams. The combination of Structural Legs – Fence with other supports (Structural Legs, Structural Posts and Structural Post with Front Leg) is allowed

casual station without screen – no restriction

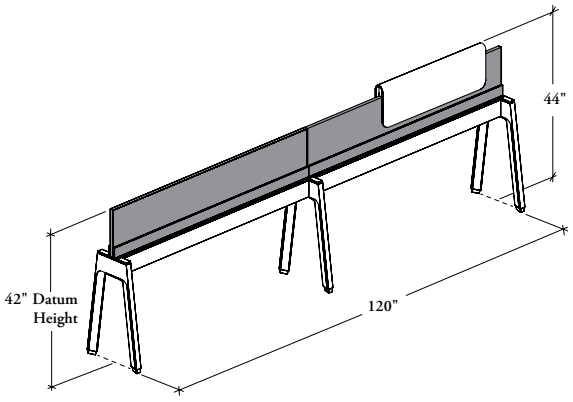


There is no limitation on the number of beams and span width for casual applications without beam-mounted screens

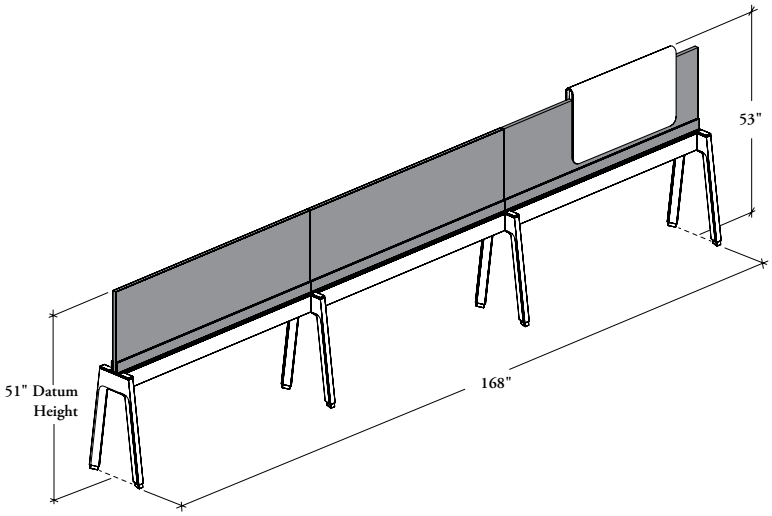
planning with structural leg – fence (continued)

57" high Add-On Screens or 59" high Sit and Slide Screens are **not** allowed on all casual workstations

casual station with screens – restrictions

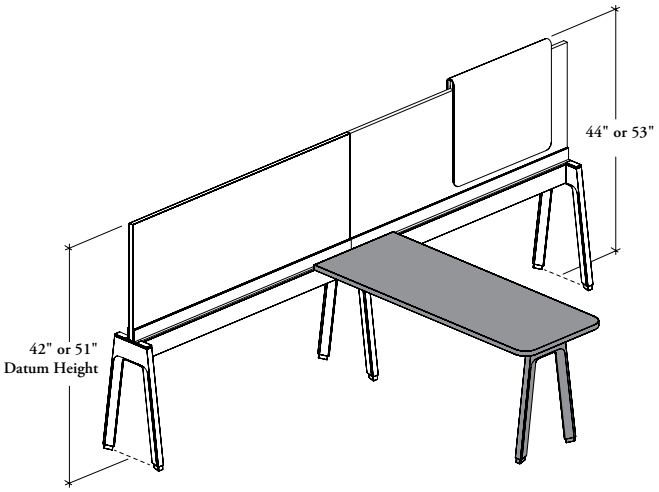


A minimum of two beams and a minimum span of 120" are required when 42" or 44" high screens are mounted on the beam

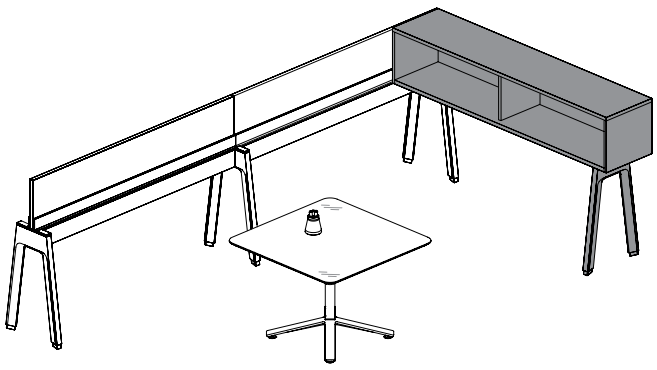


A minimum of three beams and a minimum span of 168" are required when 51" or 53" high screens are mounted on the beam

casual station with peninsula worksurface or lateral hang-on cabinet – no restriction

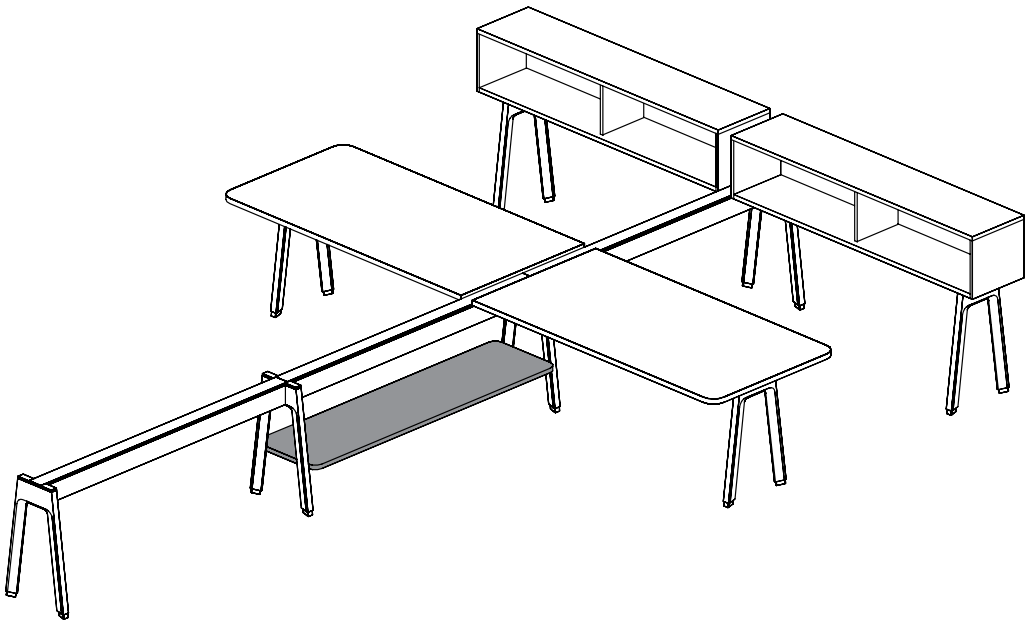


There is no limitation on the number of beams and span width for casual applications when 42", 44", 51" or 53" high screens are specified in conjunction with Pensinsulas or Lateral Hang-On Cabinets

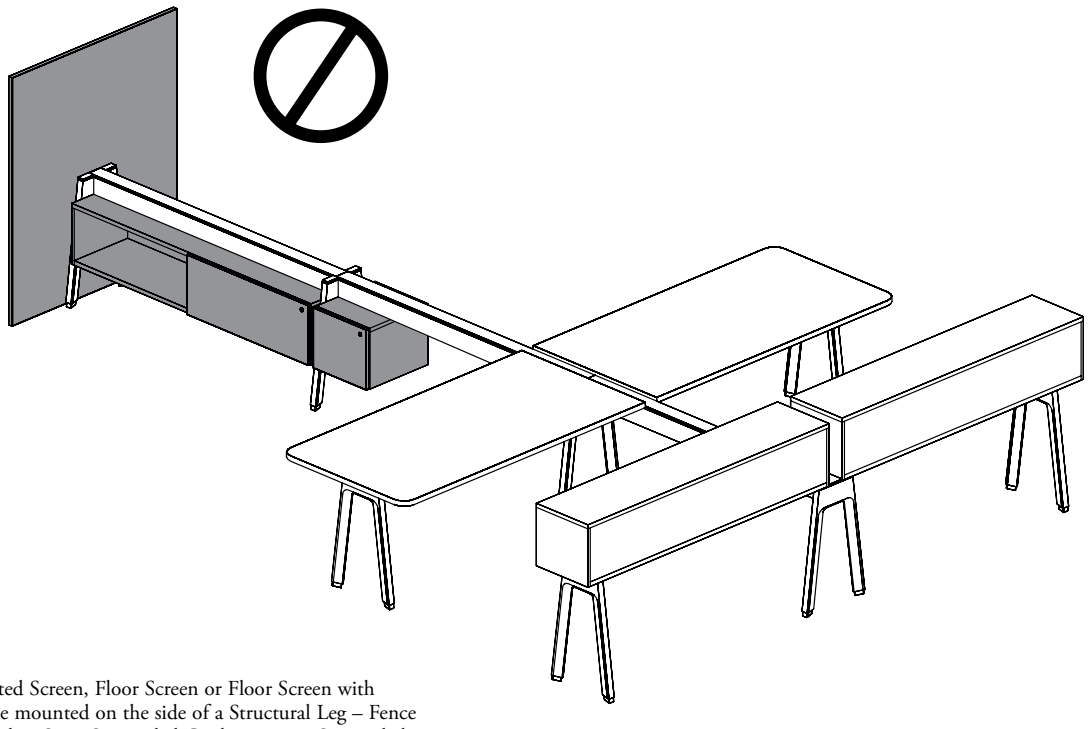


planning with structural leg – fence (continued)

fence structural leg supporting restrictions



Only the Suspended Shelf (JNBSH) can be attached between two Structural Legs – Fence



A Leg Mounted Elevated Screen, Floor Screen or Floor Screen with Metal Tower **cannot** be mounted on the side of a Structural Leg – Fence (JNDLF). A Suspended or Semi-Suspended Credenzas, or a Suspended Pedestal/Cubby, **cannot** be attached to Structural Legs – Fence (JNDLF)

understanding structural leg – beam-mounted cabinet

Structural Leg – Beam-Mounted Cabinet works in conjunction with a Single- or Double-Sided Beam to support a Beam-Mounted Cabinet used as a storage run-off.

The beam connector on leg can accept Single- or Double-Sided Beam (JNDBB or JNDCB) without being specified

Always positioned 6" recessed from the end of a Beam-Mounted Cabinet

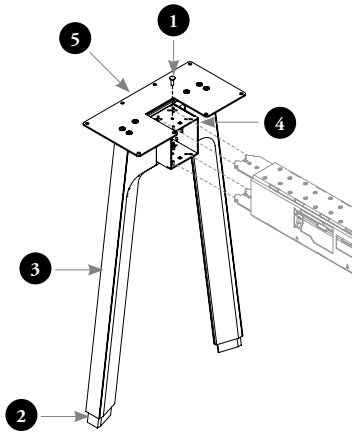
1. Screws and nuts are also included to secure the beam connection to the Structural Leg – Beam-Mounted Cabinet
2. Comes with Leveler Covers hiding the black levelers for a more refined aesthetic

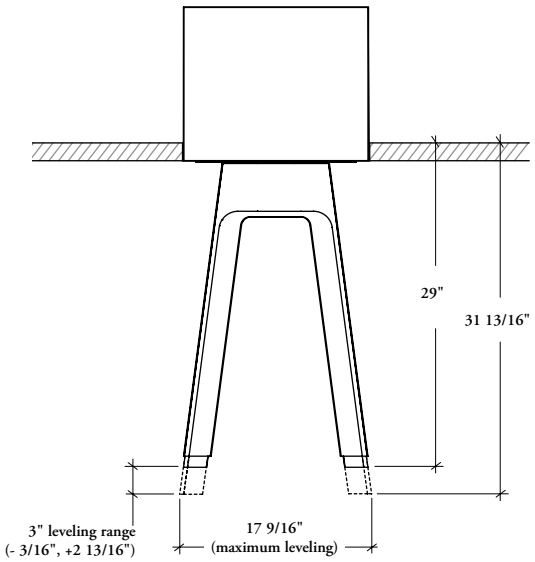
Provides a leveling range of 3" (-3/16", +2 13/16")

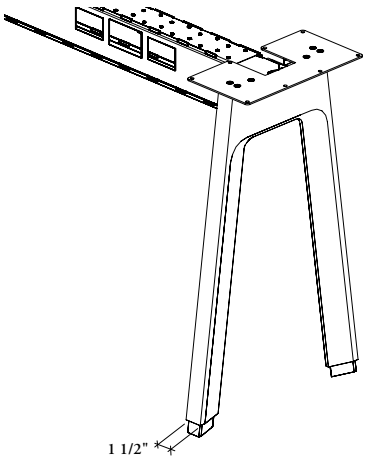
structural leg – beam-mounted cabinet

3. Comes with two angled vertical leg profiles on both sides
4. Universal connection can accept single- or double-sided (Shown) beam
5. Comes with a mounting plate to attach the cabinet

The Top Covers **cannot** be installed on this leg

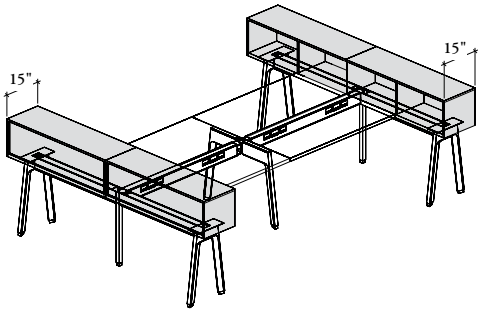






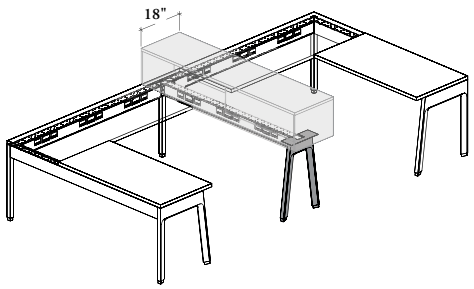
end position

Combination with a Single-Sided Beam and a 15" deep Single-Sided Beam-Mounted Cabinet



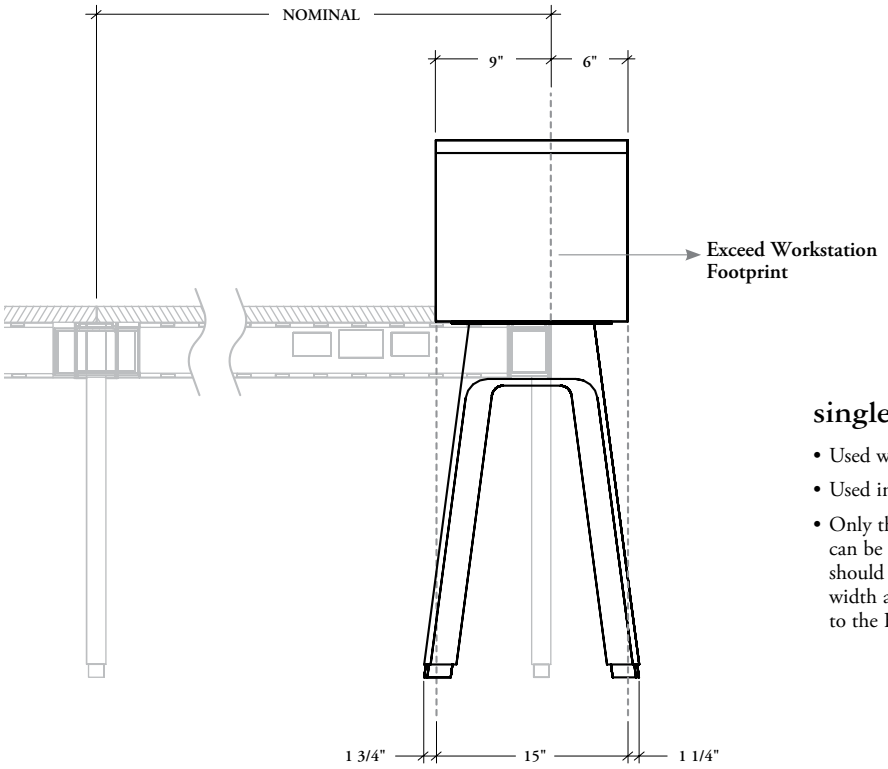
in-line position

Combination with a Double-Sided Beam and a 18" deep Shared Beam-Mounted Cabinet



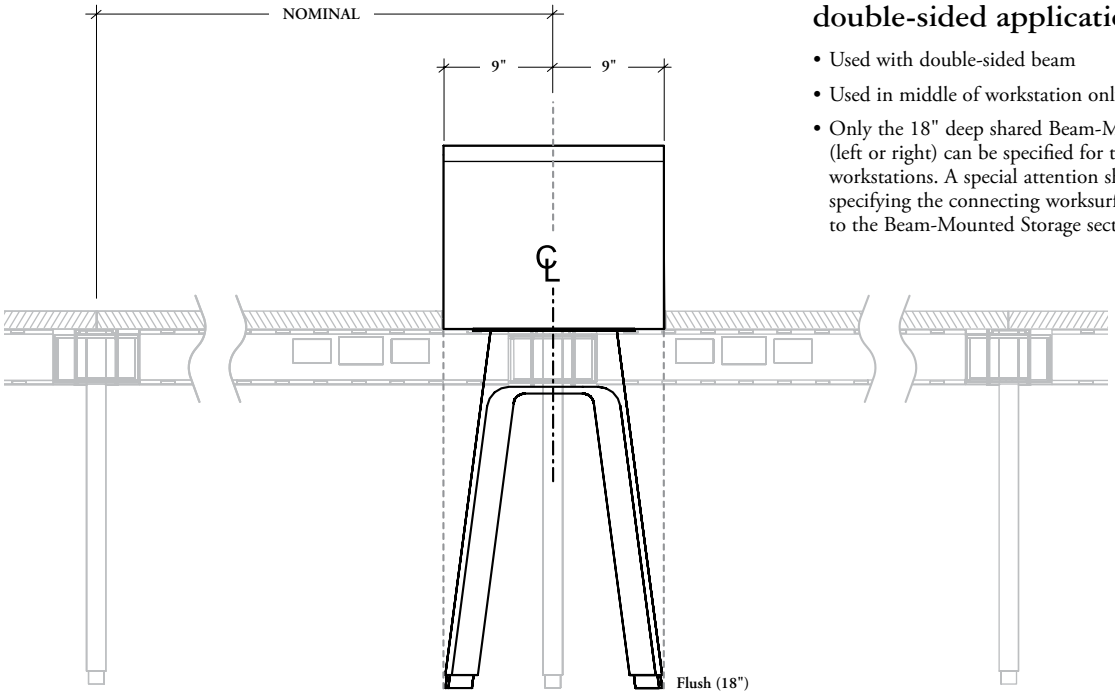
understanding structural leg – beam-mounted cabinet (continued)

- Can be used in perpendicular applications only
- Single-Sided and Shared Beam-Mounted Cabinets are both supported by Structural Legs – Beam-Mounted Cabinet; the single-sided cabinet positioning will have an impact on the workstation footprint



single-sided application

- Used with single-sided beam
- Used in middle or end (Shown) of workstation
- Only the 15" deep single-sided Beam-Mounted Cabinet can be specified for end of run. A special attention should be paid when specifying the perpendicular beam width and the connecting worksurface. For details, refer to the Beam-Mounted Storage section



double-sided application

- Used with double-sided beam
- Used in middle of workstation only
- Only the 18" deep shared Beam-Mounted Cabinet (left or right) can be specified for the middle of workstations. A special attention should be paid when specifying the connecting worksurface. For details, refer to the Beam-Mounted Storage section

understanding structural leg – peninsula

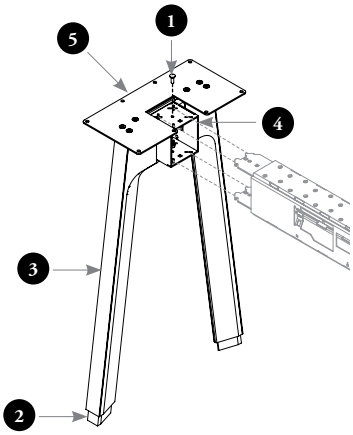
Structural Leg – Peninsula works in conjunction with a Double-Sided Beam to support a Peninsula Worksurface.

The beam connector on leg can accept Double-Sided Beam (JNDBB or JNDCB) only

Can be positioned 6", 12" or 18" recessed from the end of a Peninsula Worksurface

1. Screws and nuts are also included to secure the beam connection to the Structural Leg – Peninsula
2. Comes with Leveler Covers hiding the black levelers for a more refined aesthetic

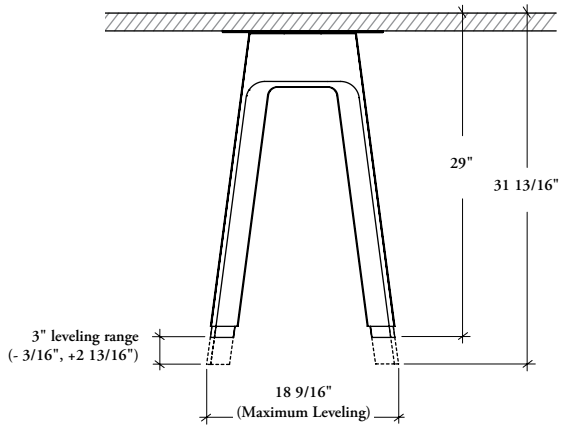
Provides a leveling range of 3" (-3/16", +2 13/16")

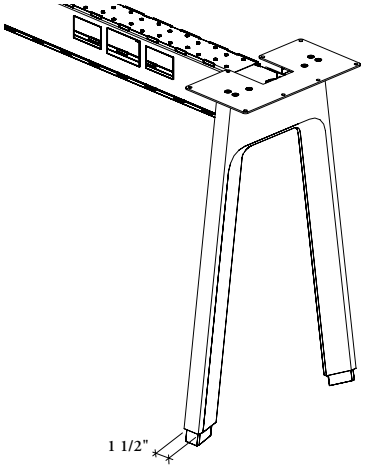


structural leg – peninsula

3. Comes with two angled vertical leg profiles on both sides
4. Only double-sided beam can be used
5. Comes with a mounting plate to attach the peninsula

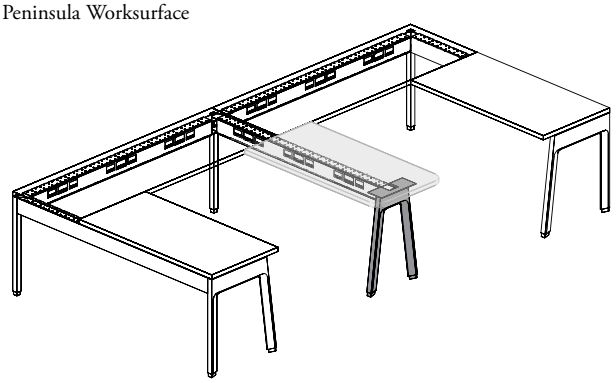
The Top Covers **cannot** be installed on this leg





in-line position only

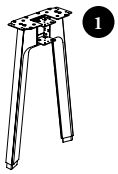
Combination with a Double-Sided Beam and a Peninsula Worksurface



structural leg – beam-mounted cabinet & peninsula basics

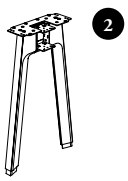
The following outlines the features of each of the Structural Leg – Beam-Mounted Cabinet and Structural Leg – Peninsula available in Expansion Cityline.

- Only available with Angled leg profiles
- Available in 18" depth
- Height is 29" from the finished floor to the top of the finished worksurface with a leveling range of 3"
- Comes with a Leveler Cover to hide the black leveler for aesthetic look. The Leveler Cover will match with the leg finish



Structural Leg – Beam-Mounted Cabinet (JNDLL)

- Supports the end of Structural Beam to maintain stability
- Can be used with Single- or Double-Sided Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB)



Structural Leg – Peninsula (JNDLP)

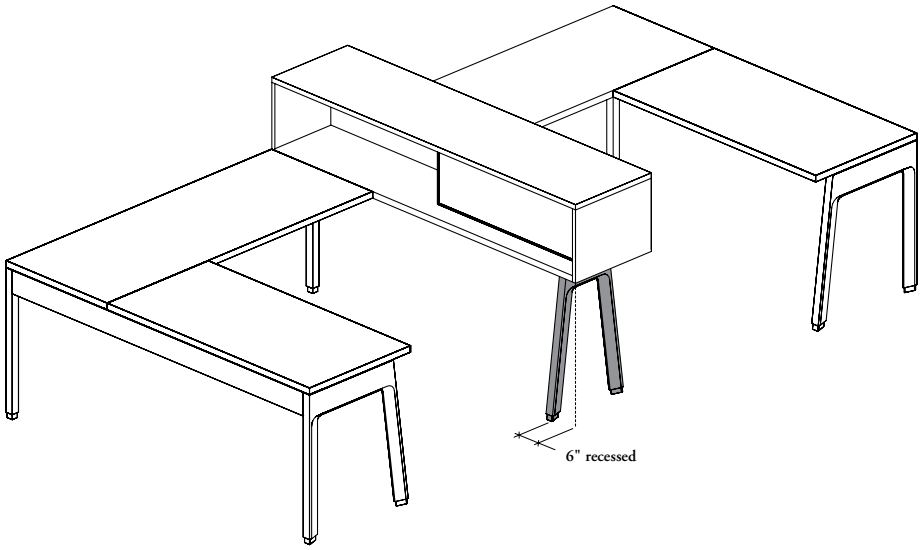
- Supports the end of Structural Beams to maintain stability
- Can be used with Double-Sided Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB) only

planning with structural leg – beam-mounted cabinet

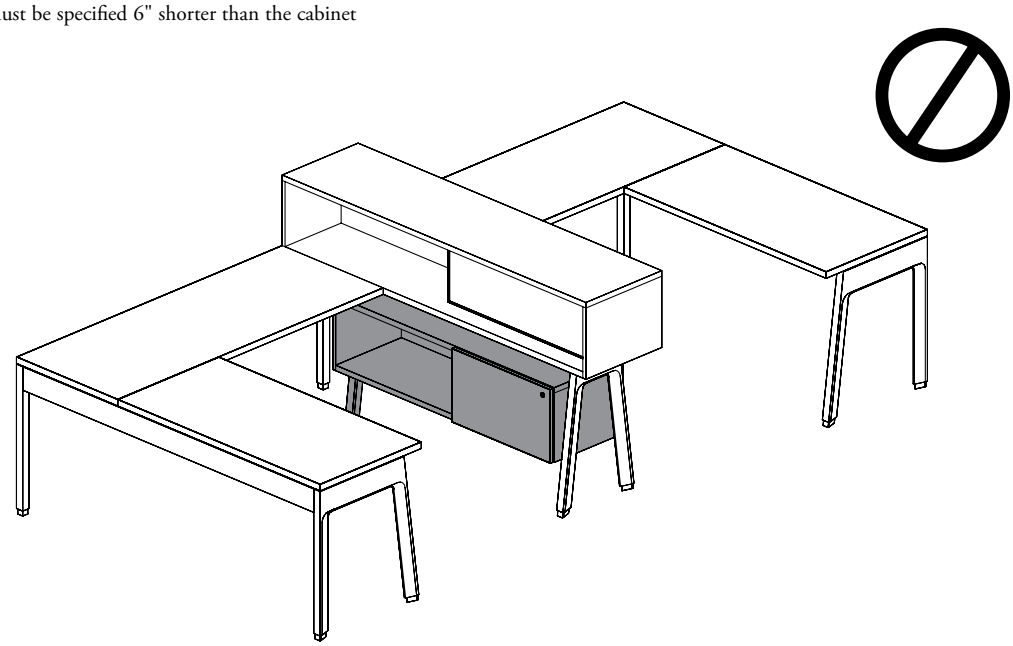
The following should be considered when planning with Structural Leg – Beam-Mounted Cabinet.

- Can be used in perpendicular planning only. (End or In-Line Structural Post + Single- or Double-Sided Beam + Structural Leg – Beam-Mounted Cabinet)
- The structural beam is mandatory for this application
- Structural Leg – Beam-Mounted Cabinet **cannot** be replaced by a Freestanding Leg – Lateral Cabinet (JNALL) or any other leg style for supporting a Beam-Mounted Cabinet
- Only the Beam-Mounted Cabinets – Open (JNBBLO) can be used with this leg

restrictions



The leg is positioned 6" recessed from the end of a Beam-Mounted Cabinet.
The structural beam must be specified 6" shorter than the cabinet

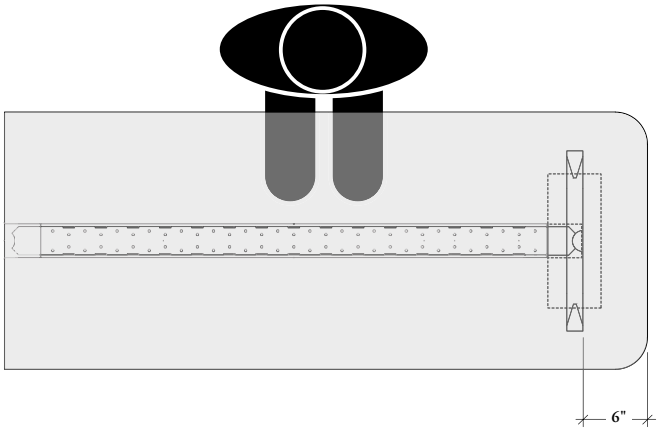


This leg **cannot** support Suspended Pedestal/Cubby, Semi-Suspended Credenza or Suspended Shelf

planning with structural leg – peninsula

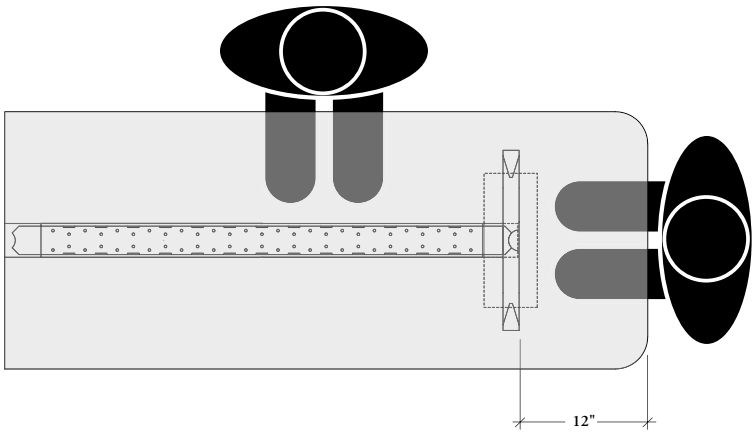
The following should be considered when planning with Structural Leg – Peninsula.

- Specify structural beam minus desired leg recess
- Three recess applications are allowed:



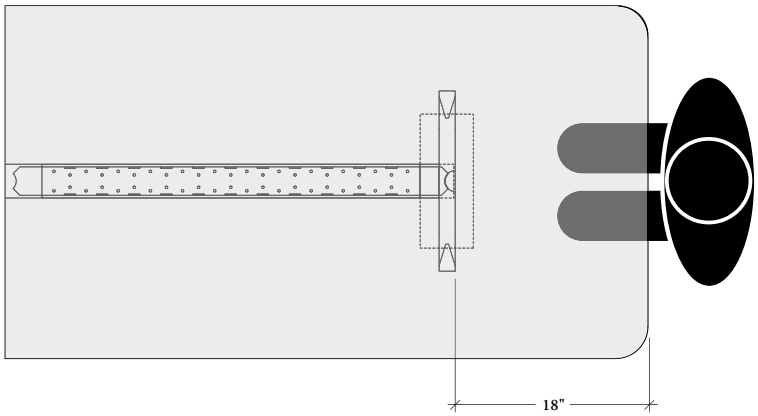
6" recessed

- Optimizes user space
- Aligns with Beam-Mounted Cabinet



12" recessed

- Optimizes both user and visitor spaces
- Virtually centers the leg on 24" deep Peninsula Worksurface

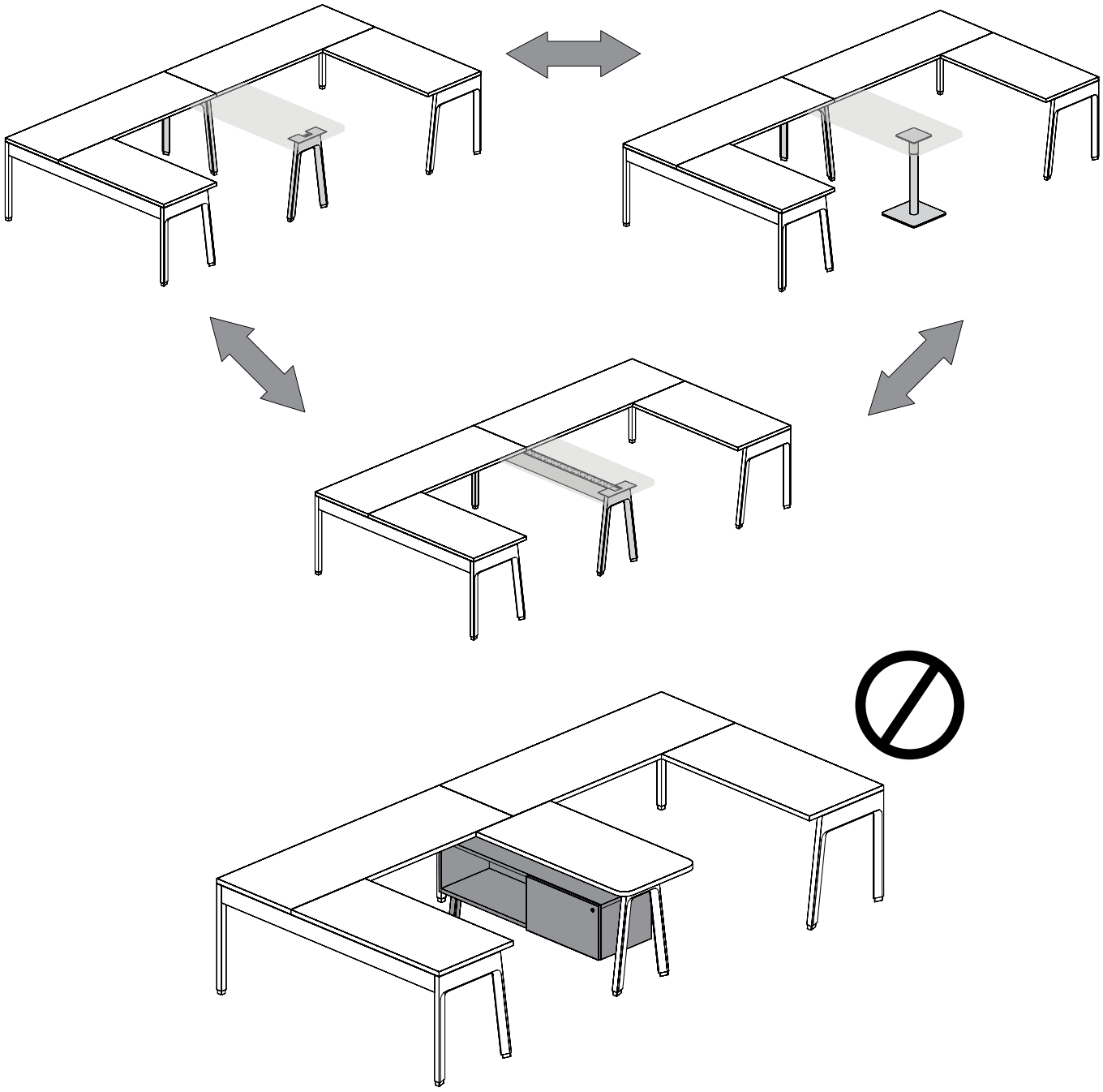


18" recessed

- Optimizes visitor space
- Virtually centers the leg on 36" deep Peninsula Worksurface

planning with structural leg – peninsula (continued)

- Can be used in perpendicular planning only. (In-Line Structural Post + Double-Sided Beam + Structural Leg – Peninsula)
- Only the Peninsula Worksurfaces (JNWPSN, JNWPSE, JNWPCN, JNWPCE, JNWPGN, JNWPGE) can be used with this leg
- Peninsula worksurfaces can also be supported by a Freestanding Leg Peninsula (JNALP) or a Peninsula Monopod Base – Round (JNAPP). However, the beam and post will have to be replaced by a Structural Leg positioned on the main spine. For more details, refer to the Worksurfaces & Desk Accessories sections



This leg **cannot** support Suspended Pedestal/Cubby, Semi-Suspended Credenza or Suspended Shelf

understanding structural beam covers

The covers are available to conceal the exposed top, sides and bottom of a structural beam.

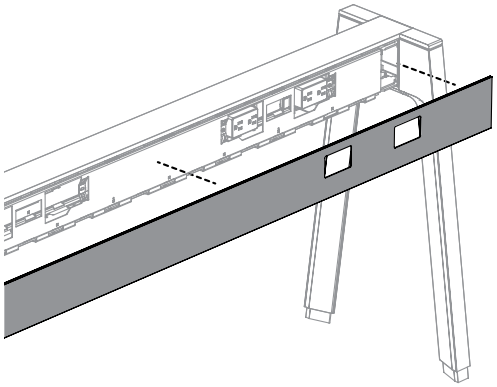
- The covers can be used with Single- or Double-Sided Beams (JNDBB or JNDCB)
- Structural Covers – Top and Side are specified to finish the exposed beam surfaces for aesthetic look
- Structural Cover – Side can also be installed underneath a worksurface
- Bottom Wire Cover for Structural Beam – Standard is specified to hide and prevent people from reaching wires inside the beam
- Can be used in combination with worksurfaces, screens, beam-mounted cabinets and credenzas
- Three Structural Beam Cover styles are available and can be specified separately:

side

- Structural Beam Cover – Side is used to conceal the front and/or back surface of a beam
- Can be specified to allow access to the power and data. Three options are available:

  – Power and Data (D)
  – Power Only (P)
  – No Opening (N)

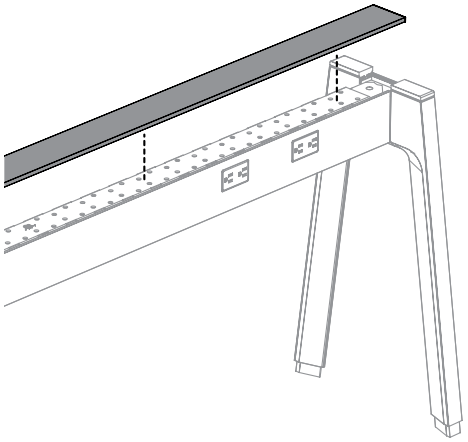
  Cut-out dimensions on cover are fit with Power Outlets and Data Extender Plate; cut-out positons are offered to align with Power and Data positions on beam
- Must be specified when a beam is exposed



top

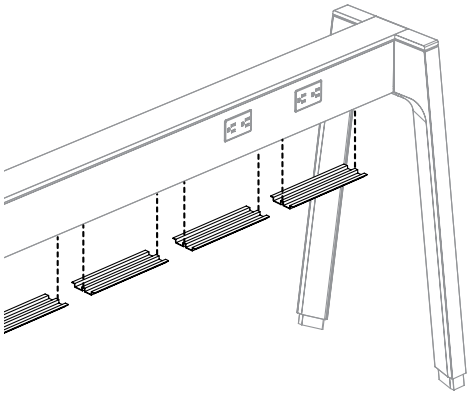
- Structural Beam Cover – Top is used to conceal the top surface of a beam
- Can be specified with finished end cap for aesthetic look when the end of the cover is exposed. Three finished end options are available:

  – Two End Caps (T)
  – One End Cap (O)
  – No End Caps (N)
- Must be specified when a beam is exposed



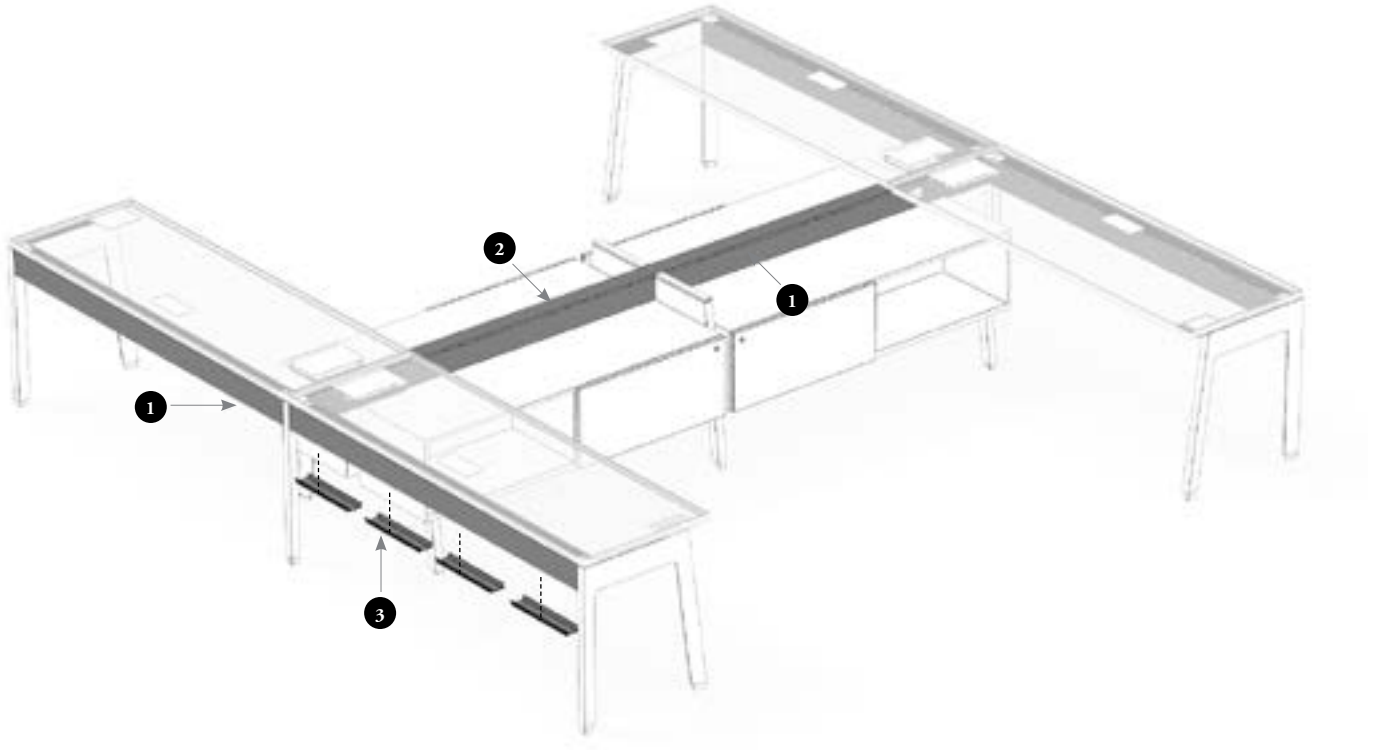
bottom

- Bottom Wire Cover for Structural Beam – Standard is used to conceal the bottom and interior of a beam
- This cover can be used to hide and route cables, it will prevent people from reaching wires inside the beam
- It is **not** mandatory when a beam is exposed, but is recommended in casual applications with Structural Leg – Fence. For more details, refer on page 276
- **Cannot** be used along with a Bottom Kit for Structural Beam – Reinforced



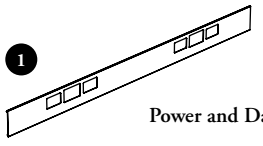
structural beam cover basics

The following outlines the features of each of the Structural Beam Covers available in Expansion Cityline.

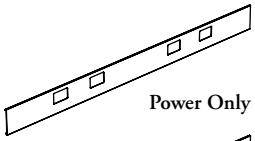


Structural Beam Cover – Side (JNDBCS)

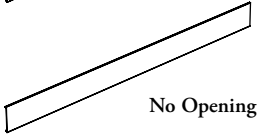
- Are available with Power and Data (D), Power Only (P) or No Opening (N) cut-outs
- Available in widths 24" to 84" (6" increments)
- Understanding Width Reduction is key in specifying the appropriate cover, refer to page 295 of the application guideline for more details
- Can be used with a Single- or Double-Sided Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB)
- Four opening positions are available: Both Ends (B), Center (C), Left (L) or Right (R)



Power and Data (D)



Power Only (P)



No Opening (N)

Structural Beam Cover – Top (JNDBTC)

- Available in widths 24" to 84" (3" increments)
- Understanding Width Reduction is key in specifying the appropriate cover, refer to page 303 of the application guideline for more details
- Can be used with a Single- or Double-Sided Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB)
- Three finished end options are available:
  - Two End Caps (T)
  - One End Cap (O)
  - No End Caps (N)

Bottom Wire Cover for Structural Beam – Standard (JNDBCB) EZ compatible

- Available in beam widths 24" to 84" (6" increments)
- Can be used with a Single- or Double-Sided Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB)

bottom kit for structural beam basics

The Bottom Kit is available to provide more strength or compatibility to a Structural Beam.

- Available in widths 24" to 84" (6" increments)
- Can be used with a Single- or Double-Sided Structural Beams (JNDBB) or Chicago Structural Beams (JNDCB)
- Allows mounting Elevated Screens, Floor Screens, Suspended Credenzas or Semi-Suspended Credenzas
- Two Beam Configurations are available:

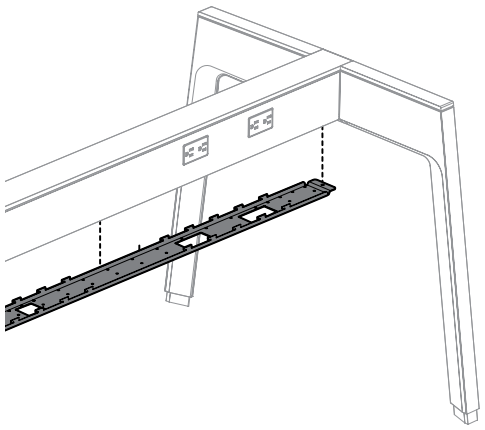
reinforced (R)

- **Not** included with Structural Beam and can be specified separately (JNDBK_R)
- It is used to add rigidity to the beam, when a Single-Sided Structural Leg – End Configuration or a Double-Sided Structural Leg – End Configuration is exposed. It keeps the leg square to the beam
- Handedness is determined on-site
- Allows access to facing down power and data.
- Include cut-outs for insertion of Wrap Around Cable Manager (JNEWAC_B), Communication Extender Plate (JNEDE) and data faceplates

  The opening positions offering varies dependently with cover width, refer to specification software for details

  Comes with one power cut-out set (48" to 60" widths) or two power cut-out sets (66" to 84" widths). Each power cut-out set comes with two openings for duplex

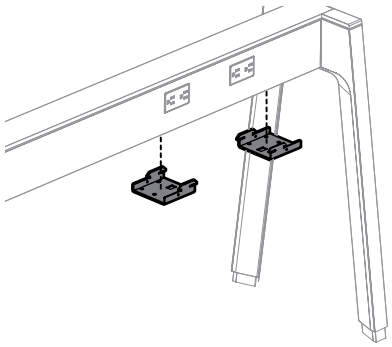
Finish: Ebony (52)



standard (S)

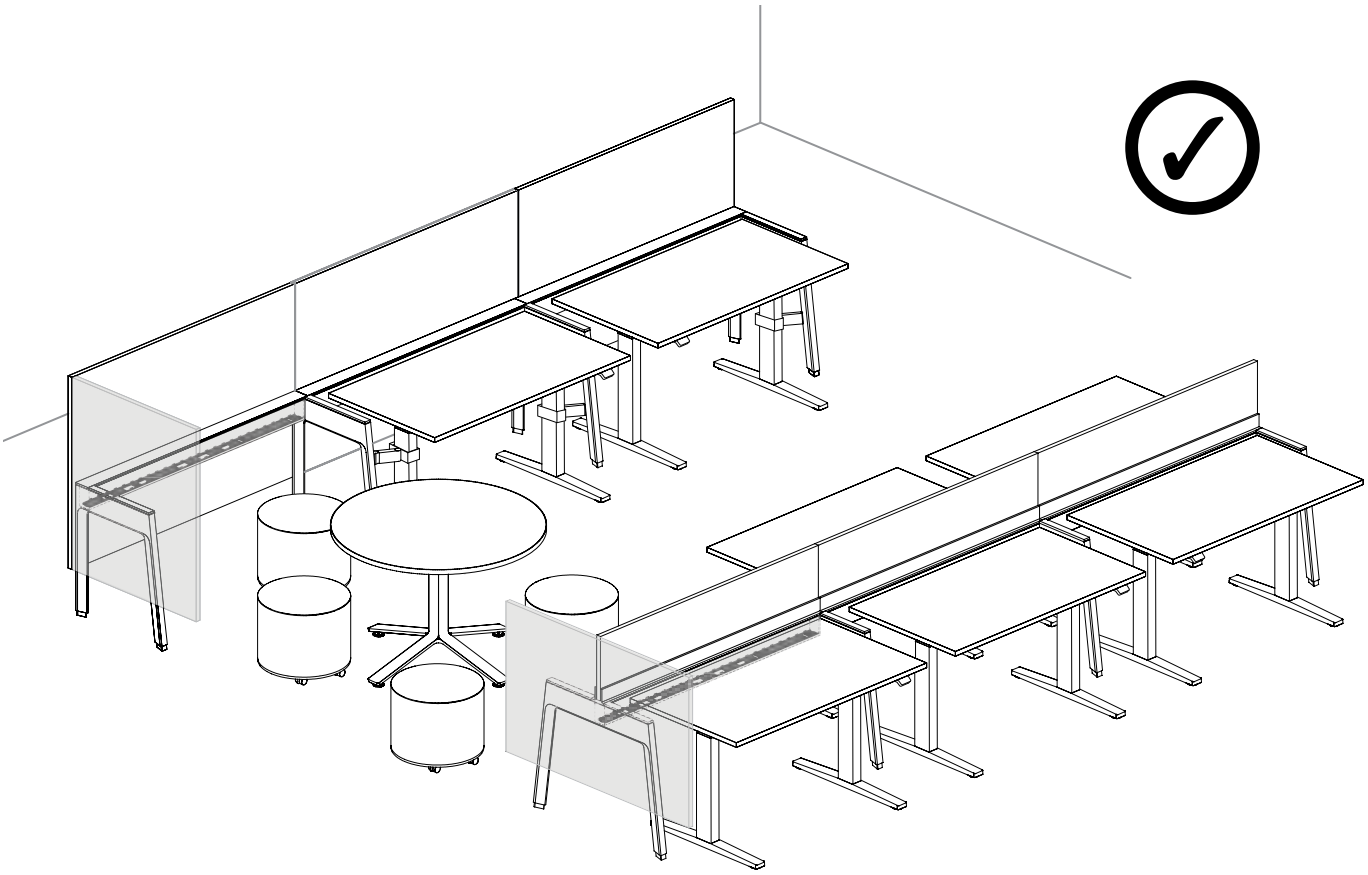
- Are used for reconfiguration only.
- Standard Facing Down Brackets are included and installed under the Structural Beam to retain cables
- Can also be specified separately (JNDBK_S)

Finish: Ebony (52)



planning with bottom kit for structural beam

The following should be considered when planning with Expansion Cityline Bottom Kit for Structural Beam.



Bottom Kit for Structural Beam

A Reinforced Bottom Kit for Structural Beam is needed when and exposed End Structural Leg is **not** squared by one of these product:

– Suspended or Semi-Suspended Credenza
– Table Attached Stabilizer for Structure
– Wall Anchored Stabilizer for Structure

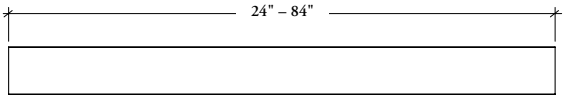
planning with structural beam cover – side

The following should be considered when planning with Expansion Cityline Structural Beam Cover – Side.

electrical/communication outlet locations

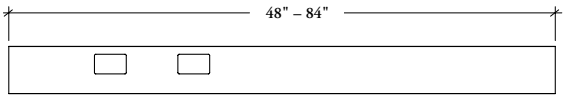
- Structural Beam Covers are available with Power and Data Openings. Each power cut-out comes with two openings for two duplex. Each data cut-out comes with one opening for one Data Extender Plate
- The opening position offering varies dependently with cover width. The chart below outlines the possible locations
- Cut-outs are available centered, left, right, or on both ends of the beam cover in order to align with mounting positions of power and data on beams

no opening (N)

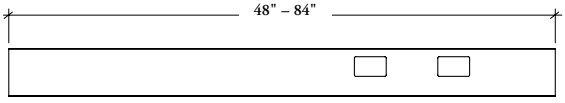


No Opening Position

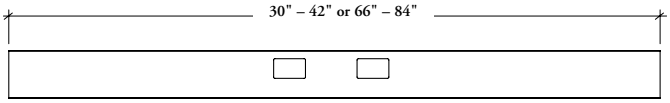
power only (P)



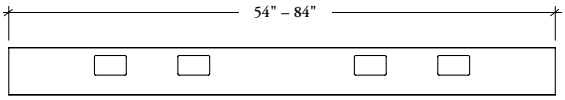
Left Opening Position (L)



Right Opening Position (R)

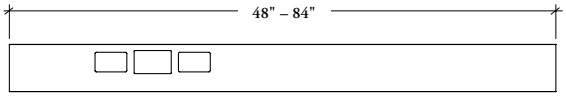


Center Opening Position (C)

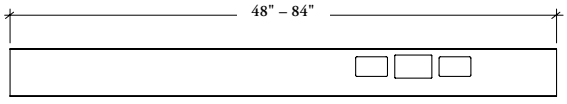


Left & Right
Both Ends Opening Position (B)

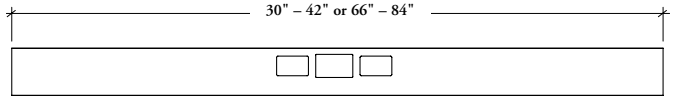
power & data (D)



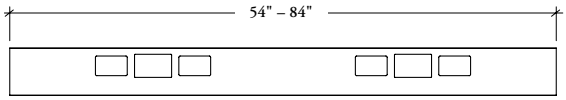
Left Opening Position (L)



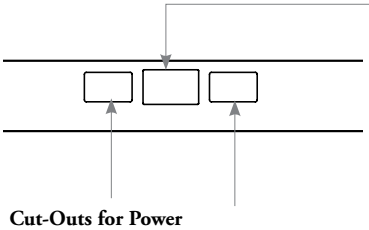
Right Opening Position (R)



Center Opening Position (C)

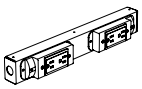


Left & Right
Both Ends Opening Position (B)



Cut-Outs for Power

- These cut-outs provide access to the Receptacle Outlets (JNEPRO)
- Also used with receptacle outlets included with Chicago Power Box (JNECPB)



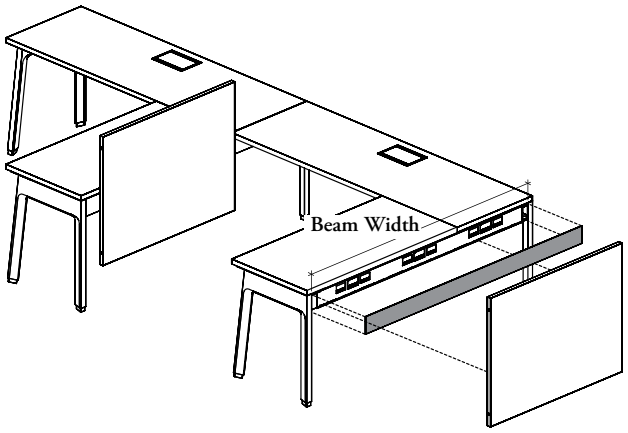
Cut-Out for Data

- The Communication Extender Plate (JNEDE) are mandatory and must be specified separately when side covers are used
- The data faceplates will mount onto the Communication Extender Plate
- Communication openings on cover are designed to fit with the Communication Extender Plate only

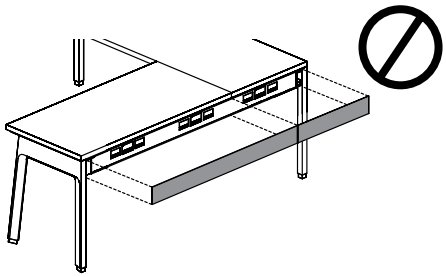
planning with structural beam cover – side (continued)

- Can be used in combination with all structural supports, worksurfaces, screens, beam-mounted cabinet or credenzas
- Side covers should be used on-module only

off-modularity – restriction

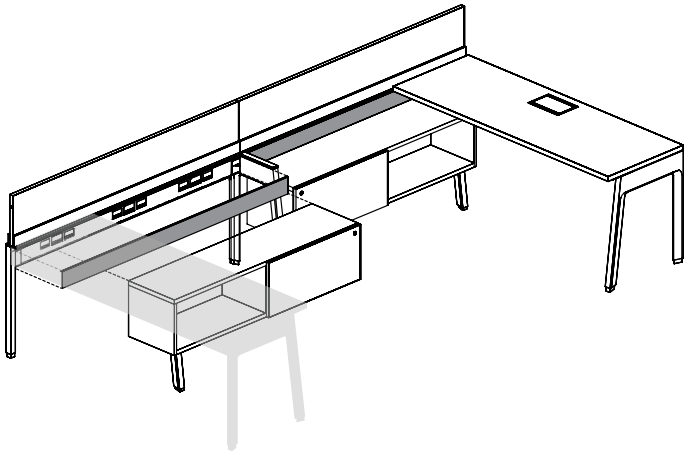


- Side covers must be specified the same dimension than the structural beam on which it is installed
- Side covers can be installed in combination with off-module Elevated or Floor Screens with Beam-Mounted option only

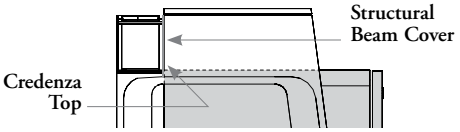


Never attempt to use two contiguous side covers on the same beam

with suspended, or semi-suspended credenzas – no restriction

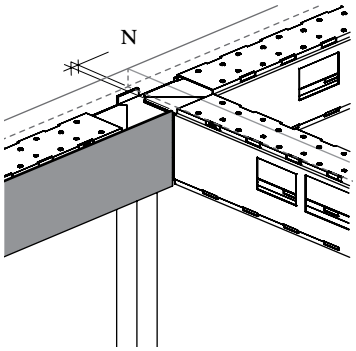


- Side Structural Beam Cover can be installed in combination with a Suspended or Semi-Suspended Credenzas and is mandatory when the beam is exposed
- The credenzas position although very close still allows to mount Side Structural Beam Cover



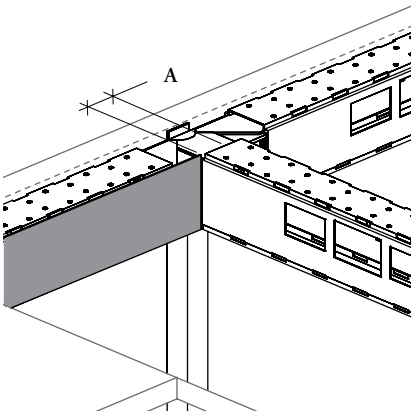
planning with width reduction for structural beam cover – side

- Because Structural Beams, Posts and Legs are enclosed inside the footprint of workstations, the width of side covers has to be reduced dependently with the overlap of each of these elements inside the nominal width specified
- Width Reduction must be specified independantly for both sides of cover. Following illustrations show how to specify this option in all situations
- Six options are available for each side of the cover:



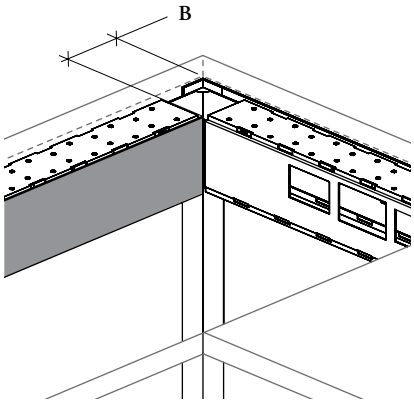
None (N)

When perpendicular Single-Sided Beam is fully enclosed inside next station, the width of the cover does not have to be reduced at this end, the **None** (**N**) option must be specified



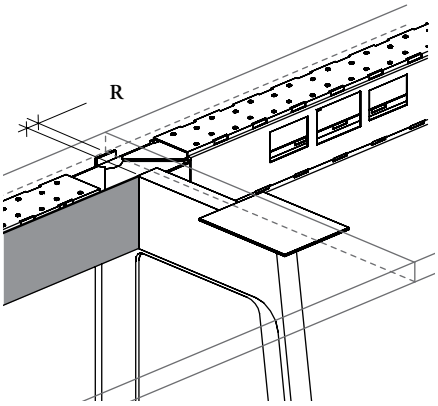
Beam – Half (A)

When perpendicular Double-Sided Beam is shared with next station, the width of the cover has to be reduced by half of the beam depth, the **Beam – Half** (**A**) option must be specified



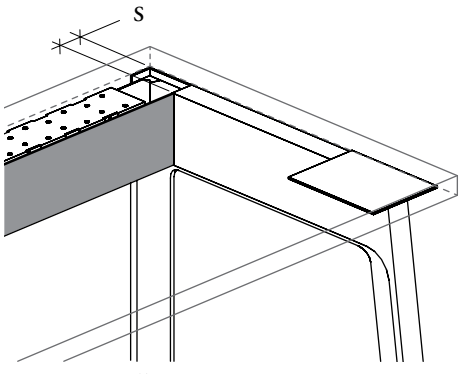
Beam – Full (B)

When perpendicular Single-Sided Beam is fully enclosed inside specified station, the width of the cover has to be reduced by the beam full depth, the **Beam – Full** (**B**) option must be specified



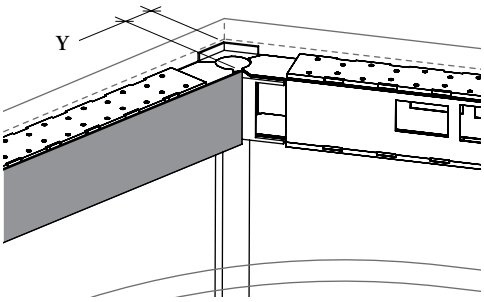
Support – Half (R)

When support is shared with next station, the width of the cover has to be reduced by half of the support width, the **Support – Half** (**R**) option must be specified



Support – Full (S)

When support is fully enclosed inside specified station, the width of the cover has to be reduced by the full support width, the **Support – Full** (**S**) option must be specified



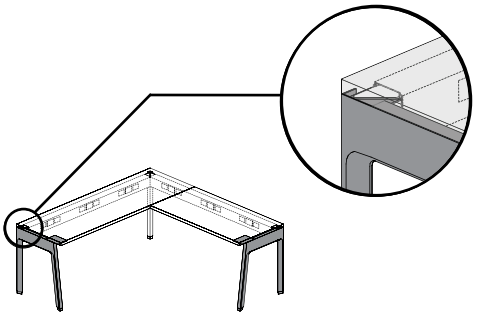
Post – 120° (Y)

- When Double-Sided Beams are used to create a 120° workstation, the width of the cover has to be reduced accordingly, the **Post – 120°** (**Y**) option must be specified
- **Cannot** be specified on both sides of a Structural Beam Cover – Side

planning with width reduction for structural beam cover – side (continued)

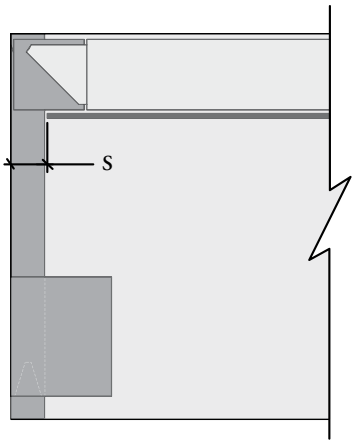
- Specifying the appropriate side cover is done by selecting the same width than the beam on which it is installed and applying a width reduction for the overlapping structure at each end
- The left and right sides of cover are determined when facing the exposed face of the cover
- The width reduction is the same for the external side of a post, the internal side of a leg and the external side of a leg. Single- and Double-Sided Legs are of the same width
- The fit with Beam-Through Towers – End Position is **not** guaranteed

workstation



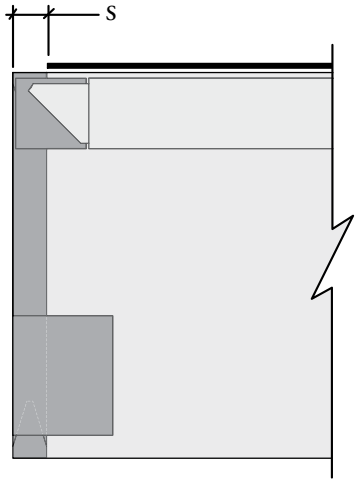
Side Beam Cover Application with support – End Position

inside view

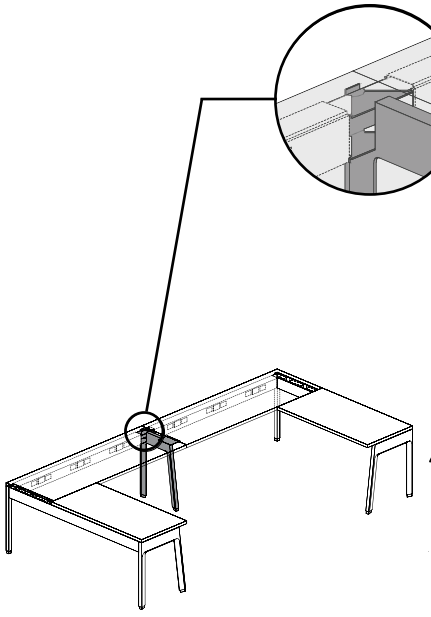


1x Beam Length minus **Support – Full (S)**

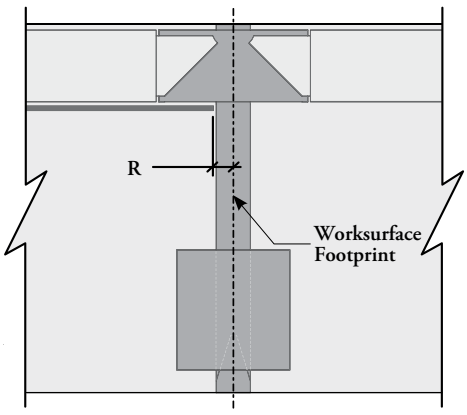
outside view



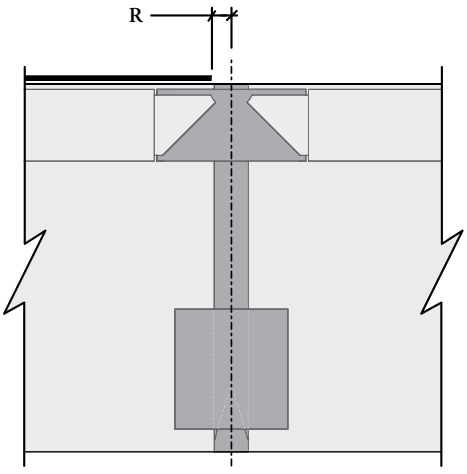
1x Beam Length minus **Support – Full (S)**



Side Beam Cover Application with support – In-Line Position



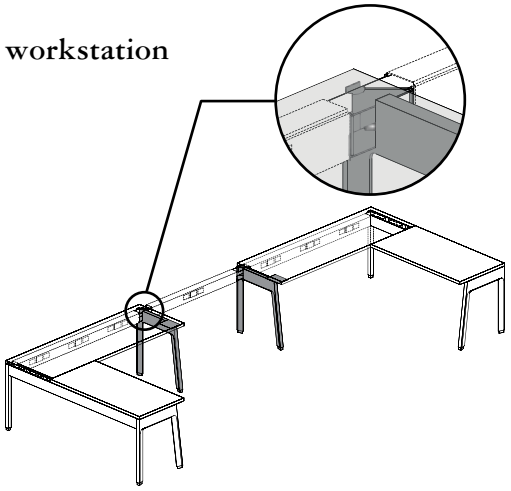
1x Beam Length minus **Support – Half (R)**



1x Beam Length minus **Support – Half (R)**

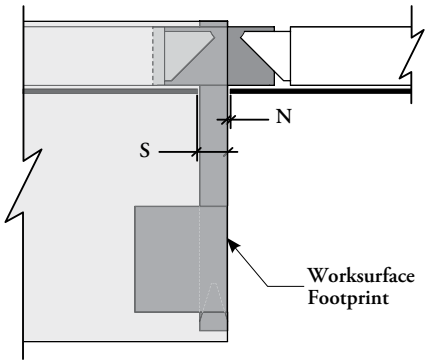
planning with width reduction for structural beam cover – side (continued)

workstation



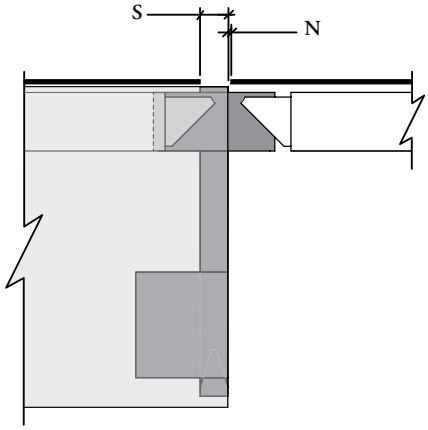
Side Beam Cover Application with In-Line Structural Leg – Shifted Position

inside view

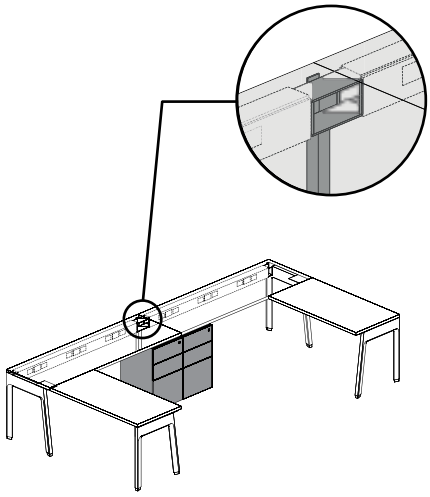


- 1x Beam Length minus **Support – Full (S)**
- 1x **None** Width Reduction **(N)**

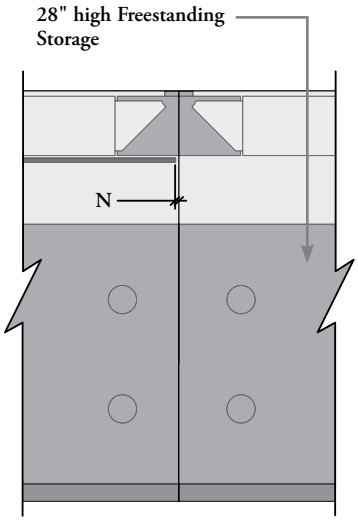
outside view



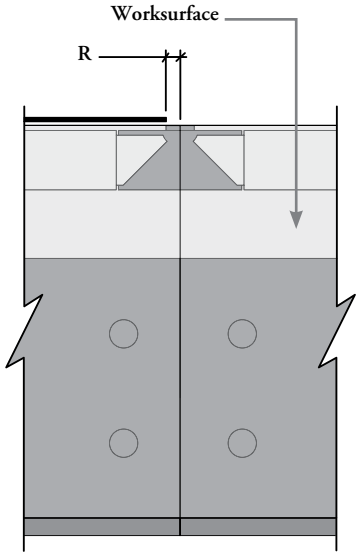
- 1x Beam Length minus **Support – Full (S)**
- 1x **None** Width Reduction **(N)**



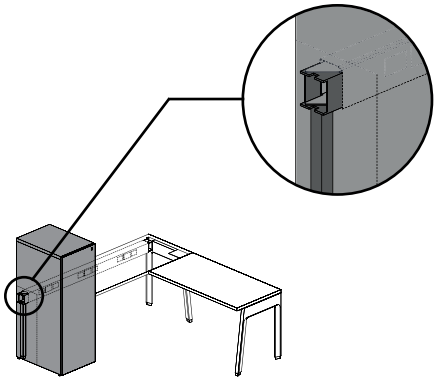
Side Beam Cover Application with 28" high Freestanding Storage – Centered Position



1x **None** Width Reduction **(N)**

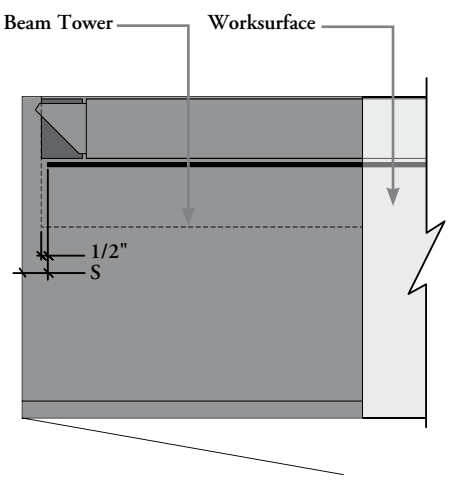


1x Beam Length minus **Support – Half (R)**

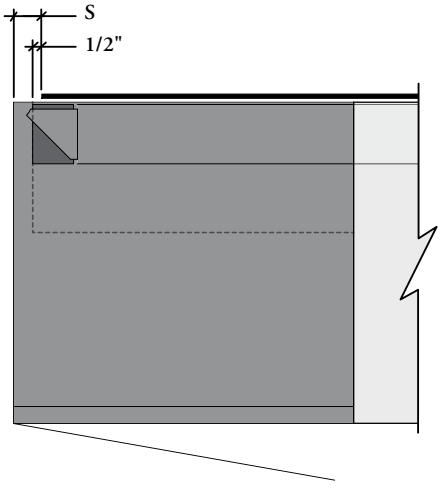


Side Beam Cover Application with Beam Tower – End Position

Not recommended on external side: there will be a 1/2" gap between the end of the cover and the side



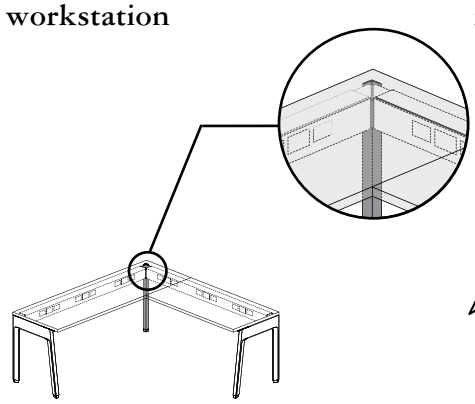
1x Beam Length minus **Support – Full (S)**



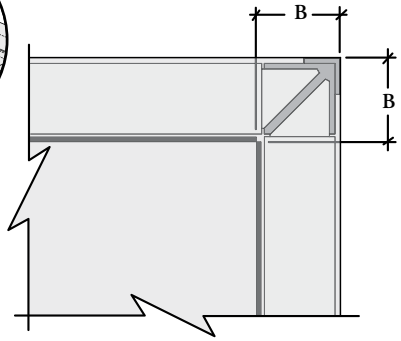
1x Beam Length minus **Support – Full (S)**

planning with width reduction for structural beam cover – side (continued)

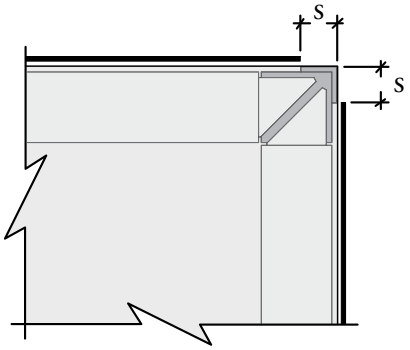
workstation | inside view | outside view



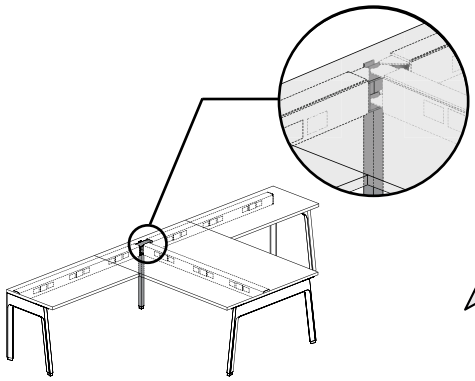
Cover Application with Corner Post (C)



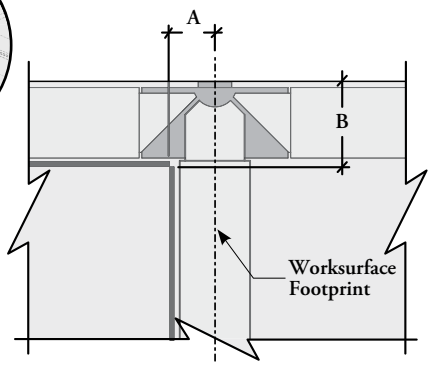
2x Beam Length minus **Beam – Full (B)**



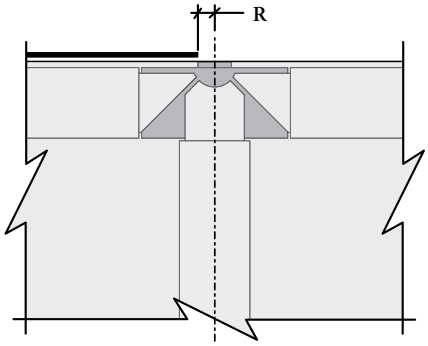
2x Beam Length minus **Support – Full (S)**



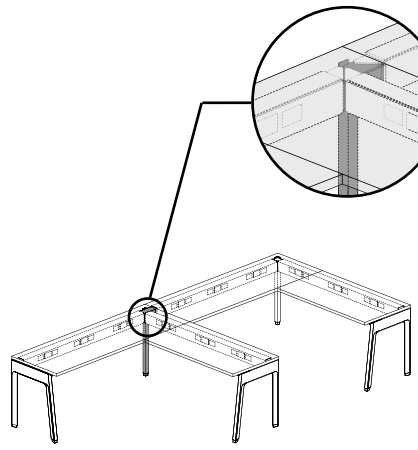
Cover Application with In-Line – Single-Sided Post (T) (Perpendicular Configuration)



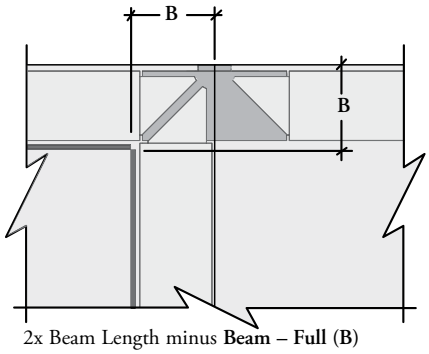
- 1x Beam Length minus **Beam – Half (A)**
- 1x Beam Length minus **Beam – Full (B)**



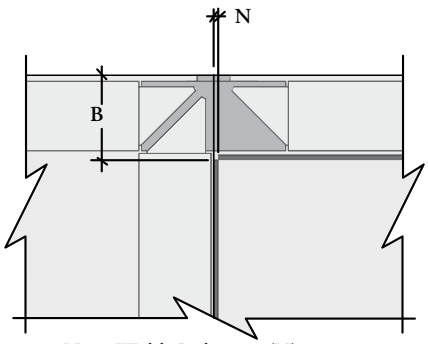
1x Beam Length minus **Support – Half (R)** on both sides



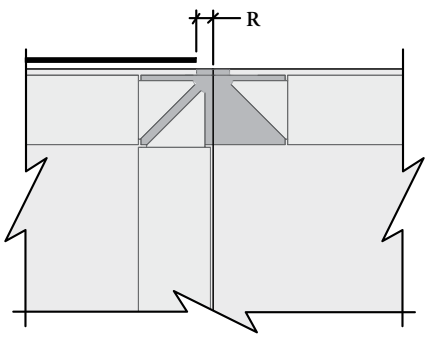
Cover Application with In-Line – Single-Sided Post (T) (Parallel Configuration)



2x Beam Length minus **Beam – Full (B)**



- 1x **None** Width Reduction **(N)**
- 1x Beam Length minus **Beam – Full (B)**

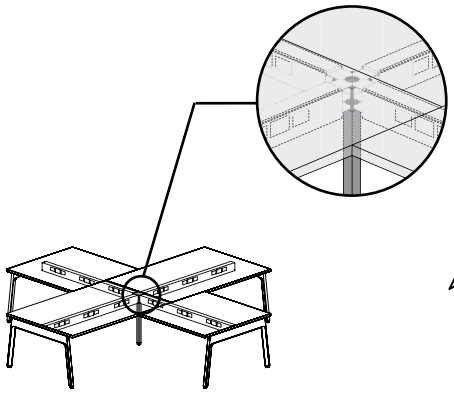


1x Beam Length minus **Support – Half (R)** on both sides

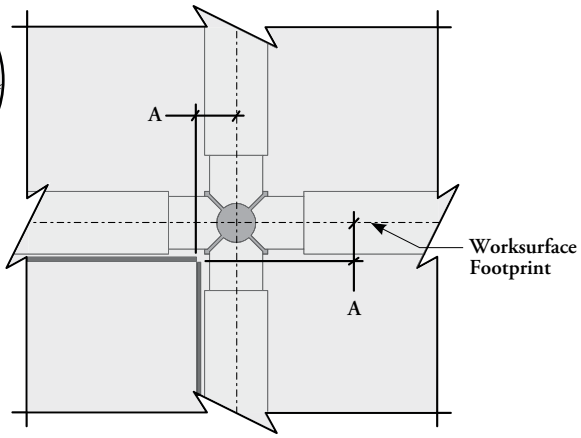
planning with width reduction for structural beam cover – side (continued)

workstation

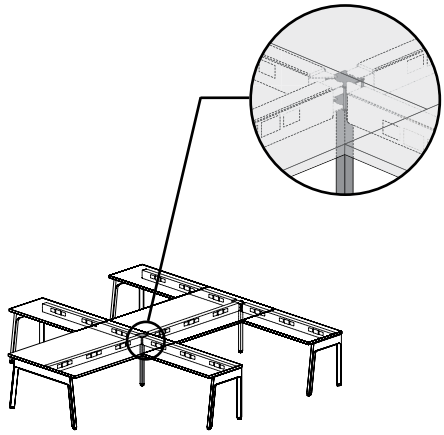
inside view only



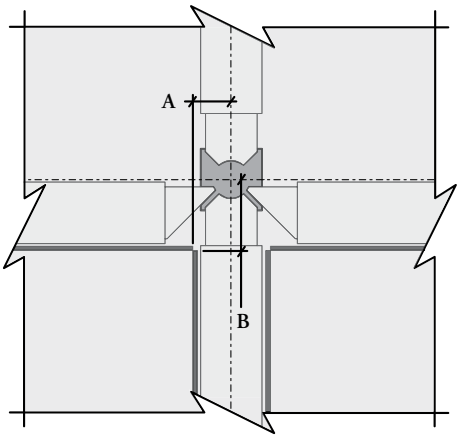
Cover Application with In-Line – Double-Sided Post (X) (Perpendicular Configuration)



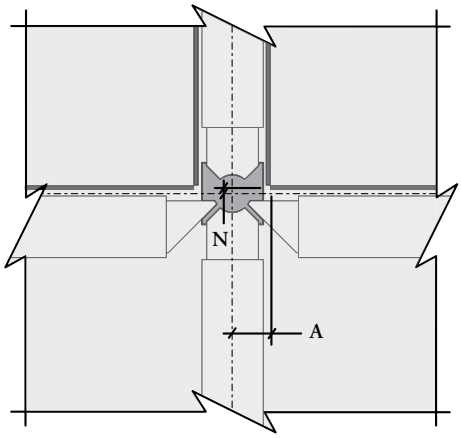
4x Beam Length minus **Beam – Half (A)**



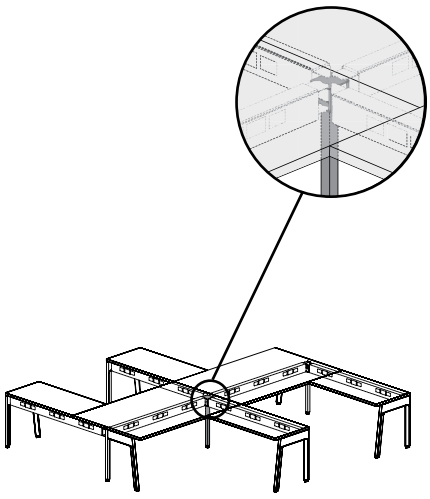
Cover Application with In-Line – Double-Sided Post (X) (Parallel Configuration)



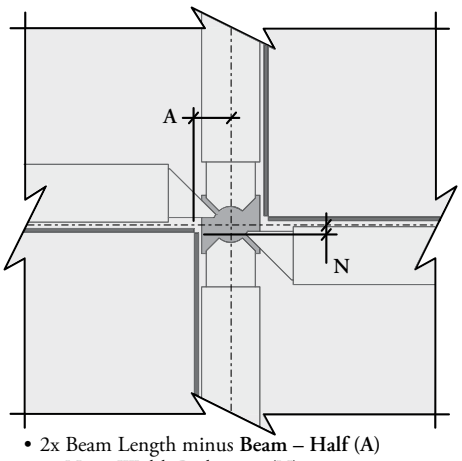
- 2x Beam Length minus **Beam – Half (A)**
- 2x Beam Length minus **Beam – Full (B)**



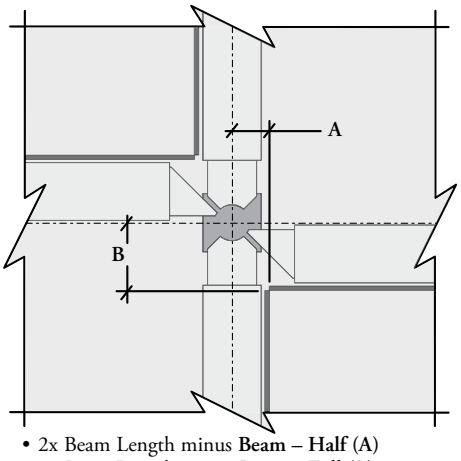
- 2x Beam Length minus **Beam – Half (A)**
- 2x **None** Width Reduction (N)



Cover Application with In-Line – Double-Sided Post (X) (Offset Configuration)



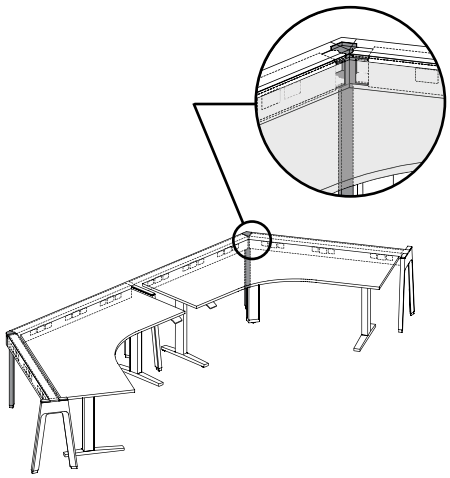
- 2x Beam Length minus **Beam – Half (A)**
- 2x **None** Width Reduction (N)



- 2x Beam Length minus **Beam – Half (A)**
- 2x Beam Length minus **Beam – Full (B)**

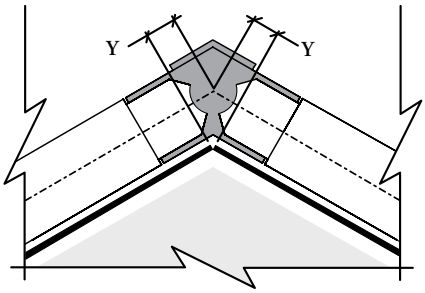
planning with width reduction for structural beam cover – side (continued)

workstation



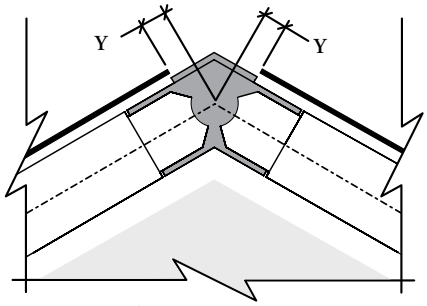
Cover Application with Low Structural Post – 120° or Structural Post – 120° (Y) (120° Configuration)

inside view



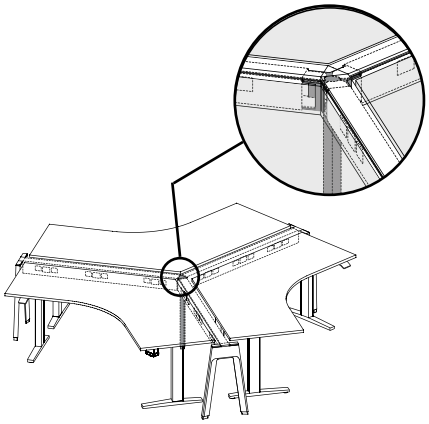
• 2x Beam Length minus **Post – 120° (Y)**

outside view



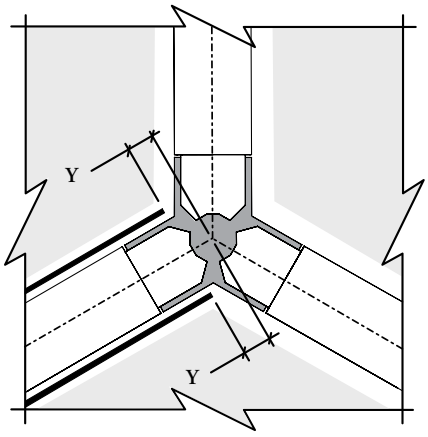
• 2x Beam Length minus **Post – 120° (Y)**

workstation



Cover Application with Low Structural Post – 120° or Structural Post – 120° (Y) (120° Configuration)

inside view

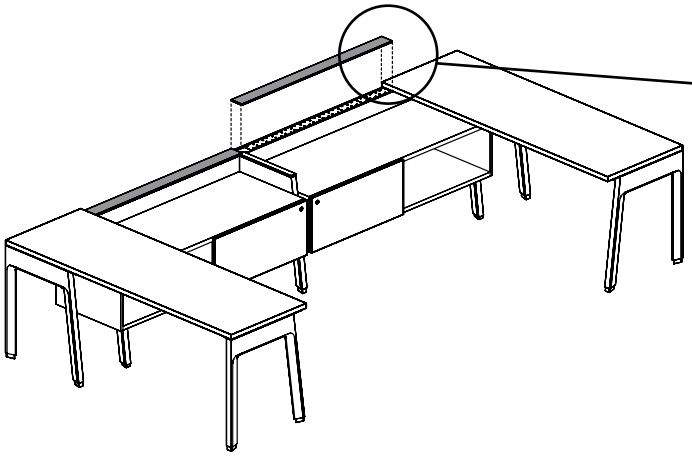


• 6x Beam Length minus **Post – 120° (Y)**

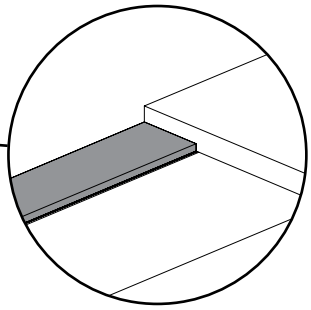
planning with structural beam cover – top

- Can be installed on- or off-module on top of a structural beam
- Can be used in linear, perpendicular or 120° configuration
- Can be specified with or without finish cap

off-module application



Three end cap options are available:

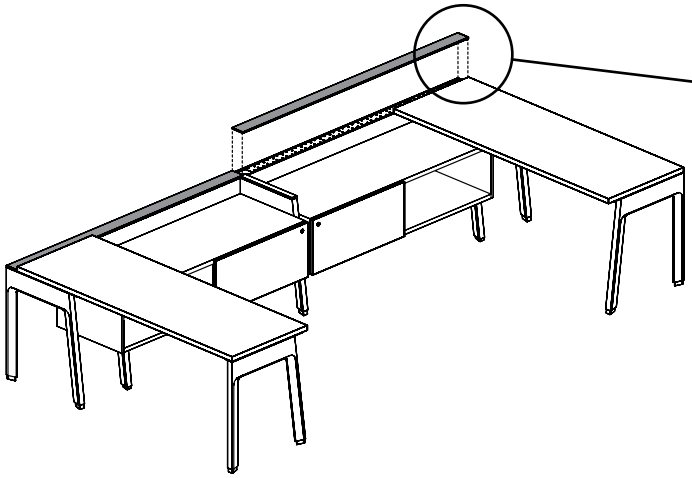


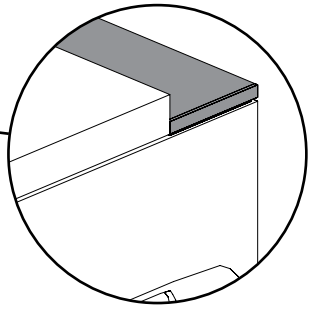
No End Caps (N)
A End Cap is not necessary when both sides are not exposed

Examples:

– Between worksurface edge and second cover (Shown)
– Between two top covers

on-module applications

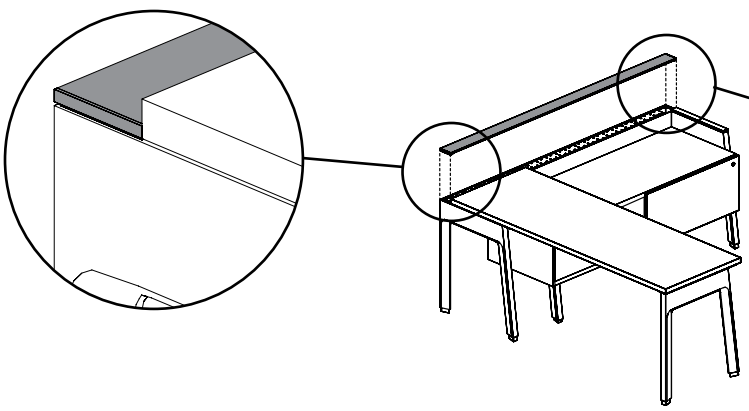


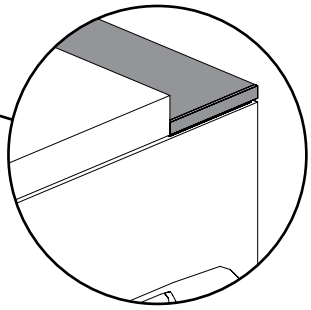


One End Cap (O)
A End Cap is necessary when one side is exposed

Example:

– When a top cover is used in end of runs (Shown)





Two End Caps (T)
A End Cap is necessary on both ends when the sides are totally exposed

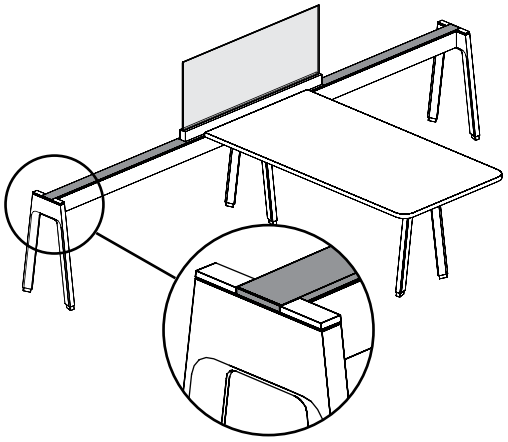
Example:

– On both ends of a workstation (Shown)

planning with structural beam cover – top (continued)

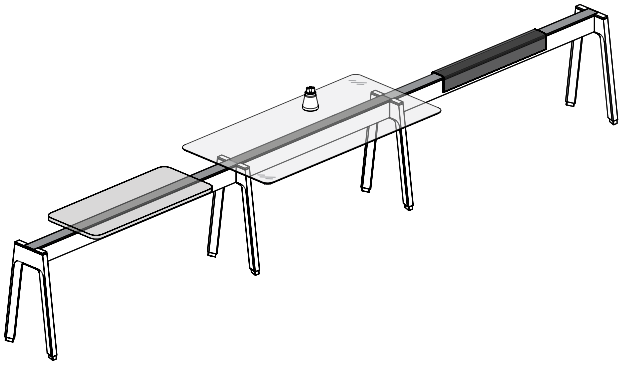
- Can be used in combination with Elevated, Floor and Add-On Screens – Beam-Mounted, with Beam-Mounted Shelf, with Beam-Mounted Seat or with Exposed Beam Worksurfaces
- Elevated and Floor Screens – Beam-Mounted, Beam-Mounted Shelf, Beam-Mounted Seat and Exposed Beam Worksurfaces allow mounting Structural Beam Cover – Top simultaneously
- Add-On Screens – Beam-Mounted come with frame extrusions which replaces a top cover

with beam-mounted add-on screen – restriction



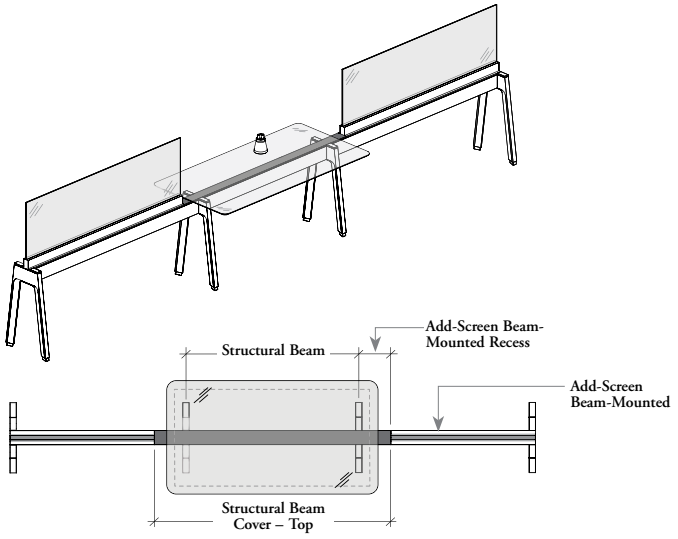
Beam-Mounted Add-On Screens must **not** be installed over top covers. They can only be installed beside top covers and in this case, the end of the top cover should **not** be finished. On the station beside, both top covers must be specified with One End Cap (O)

with beam-mounted shelf and writable glass worksurface – center beam-mounted – no restriction



A top cover must be specified under Beam-Mounted Seat, Shelf and Writable Glass Worksurface – Center Beam-Mounted, even if these are specified full width

with writable glass worksurface – center beam-mounted and beam-mounted screen – restriction



When Writable Glass Worskurface – Center Beam are used on a fence with adjacent screens, beam cover must be specified exceeding the beam to fill the space left by off-module Add-On Screen

- Always specified Structural Beam Cover in one piece overlapping on the adjacent beam

  Example:
  72" wide Structural Beam with two 6" screen recessed equal 84" wide Structural Beam Cover – Top

- If the total exceed 84", use two Structural Beam Top of equal width or the combination of two with the closest dimensions

  Example:
  90" wide Structural Beam with two 6" screen recessed equal one 48" wide Structural Beam Cover – Top and one 42" Structural Beam Cover – Top

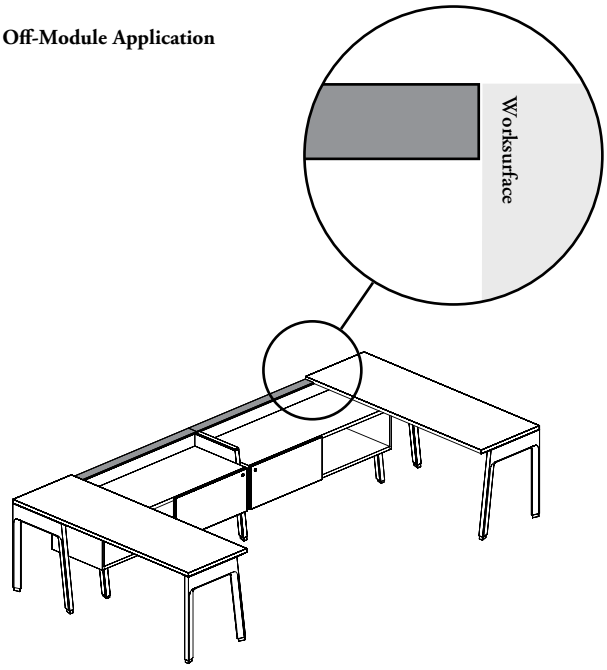
planning with width reduction for structural beam cover – top

Four Width Reduction options can be specified:

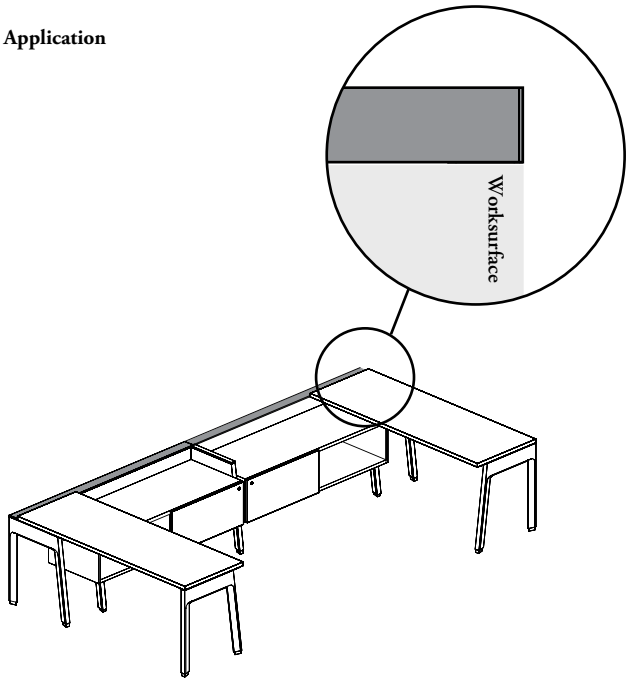
none (N)

Can be specified full length without width reduction

Off-Module Application



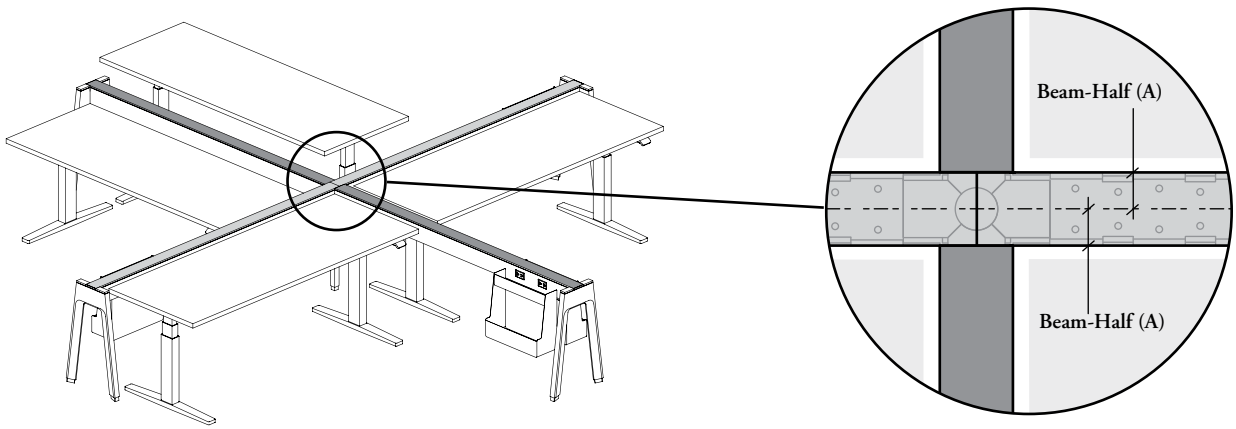
On-Module Application



Linear Application

beam – half (A)

When perpendicular beam is crossing a Double-Sided Beam, the width of the cover has to be reduced by half of the beam depth, the **Beam – Half (A)** option must be specified



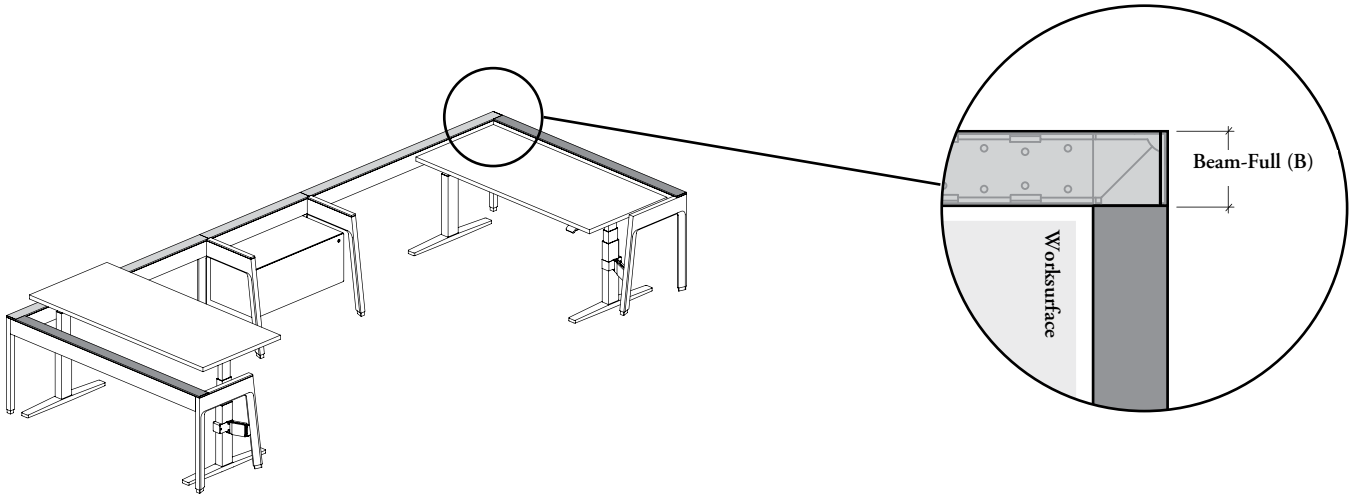
Perpendicular Application

planning with width reduction for structural beam cover – top (continued)

Four Width Reduction options can be specified (continued):

beam – full (B)

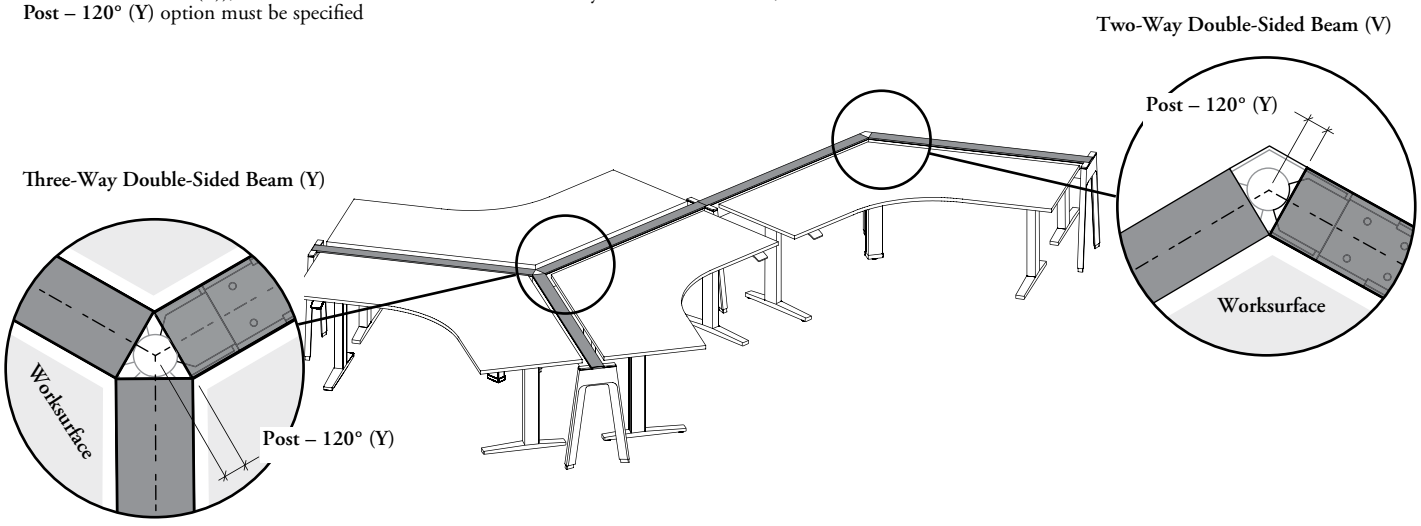
When perpendicular beam is crossing a Single-Sided Beam, the width of the cover has to be reduced by the beam full depth, the **Beam – Full (B)** option must be specified



Perpendicular Application

post – 120° (Y)

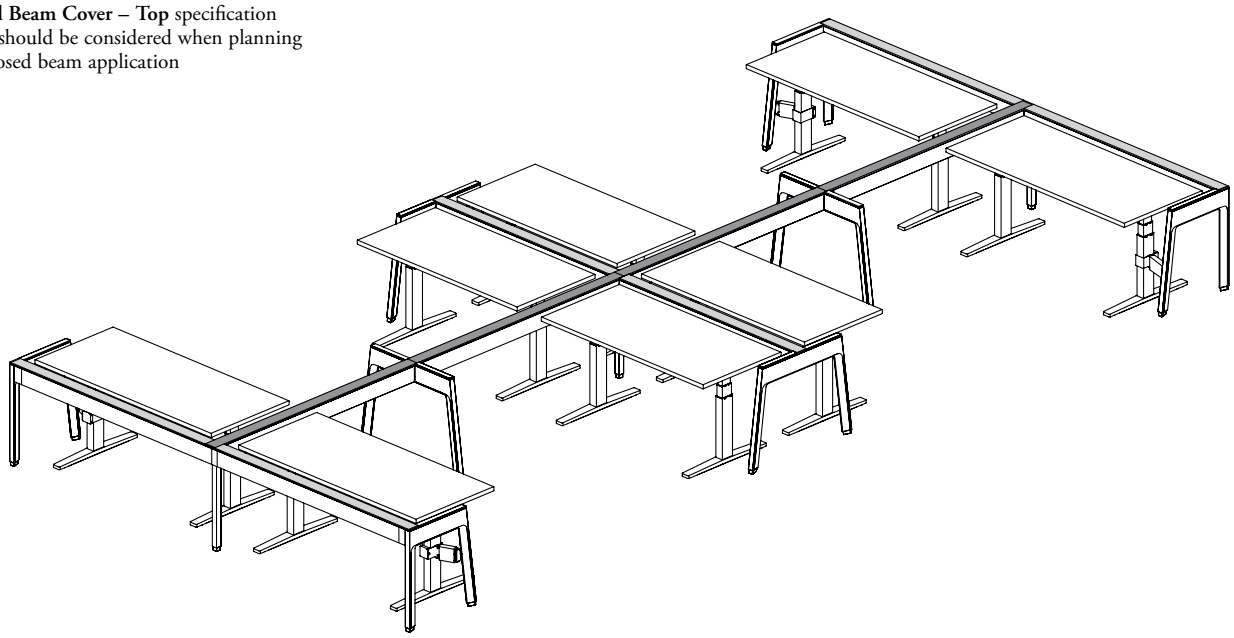
When beam is crossing a 120° Strucutral Post (Two-Way Double-Sided Beam (V) or Three-Way Double-Sided Beam (Y)), the width of the cover has to be reduced by the 120° connection, the **Post – 120° (Y)** option must be specified

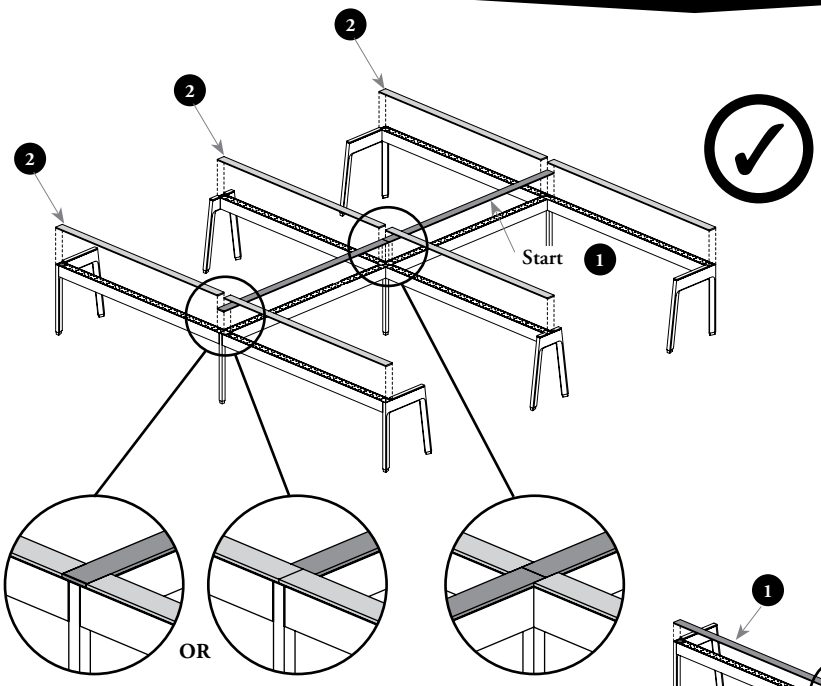


120° Application

planning with width reduction for structural beam cover – top (continued)

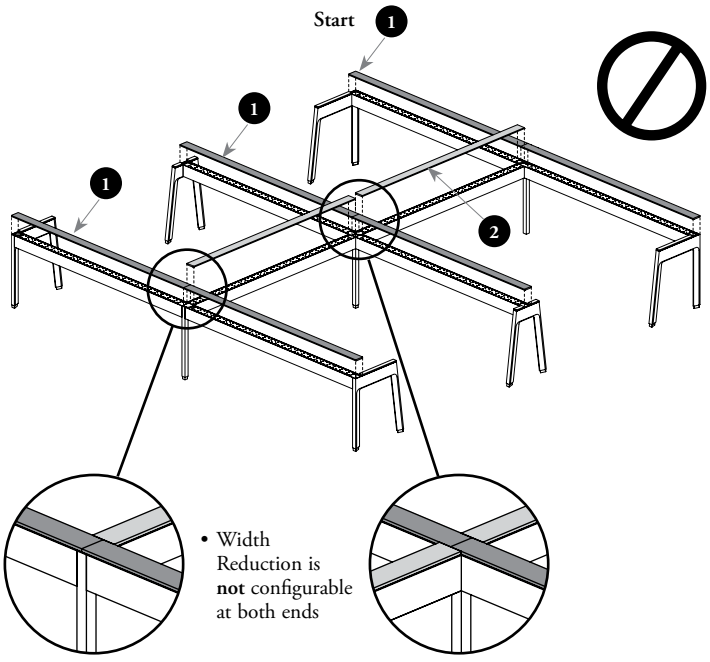
Structural Beam Cover – Top specification sequence should be considered when planning a 90° exposed beam application





Specification Steps

- The specification of Structural Beam Covers – Top must be started by the continuous spine of top covers first and finished with reduced configurations
- End Cap is **not** available, at the reduced end of a top cover

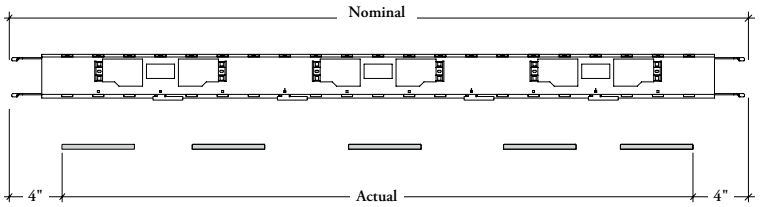


- Width Reduction is **not** configurable at both ends

planning with bottom wire cover for structural beam – standard

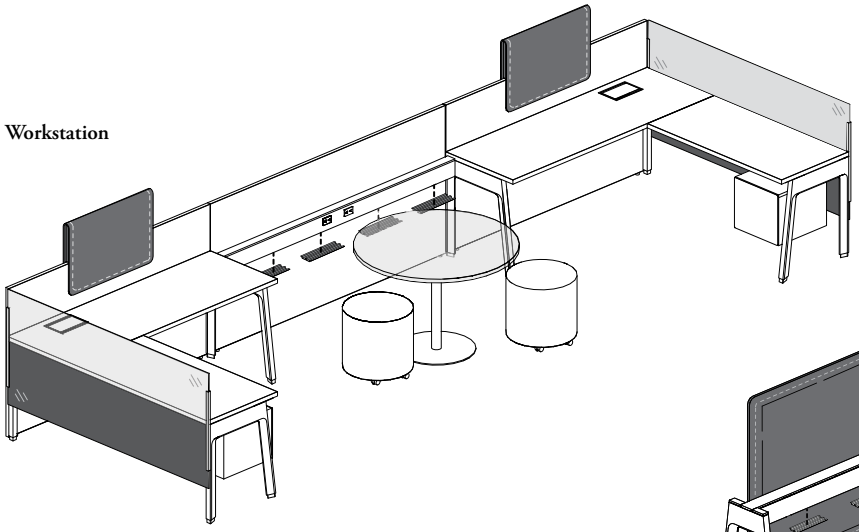
- Bottom Wire Cover for Structural Beam – Standard is specified to prevent people from reaching wires inside the beam but is **not** mandatory
- Bottom wire covers are recommended in integrated social, collaborative and casual applications
- Are recommended to protect mesh construction of (18", 21", and 24") Power Harnesses (JNEPH) and Base Feed (JNEPBF), Split Base Feed (JNESBF) and Ceiling Feed (JNEPCF)
- Can be mounted on single- and double-sided structural beams
- Can be cut on-site for optimal adjustment

dimensions

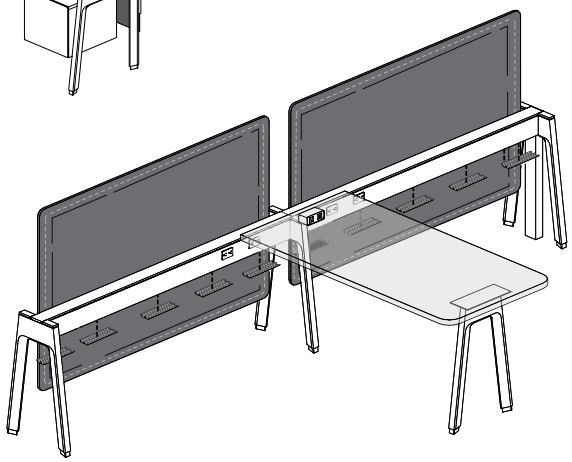


applications

Workstation



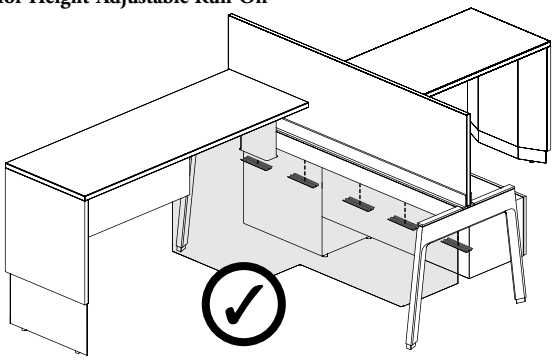
Fence



Bottom Wire Cover for Structural Beam Covers – Standard are compatible with:

– Elevated and Floor Screens – Beam-Mounted
– Add-On Screens – Beam-Mounted
– Corner Screen (JNSECF)
– Beam-Mounted Modesty Panel (JNABMS)

With Credenzas and Storage Cabinet for Height-Adjustable Run-Off

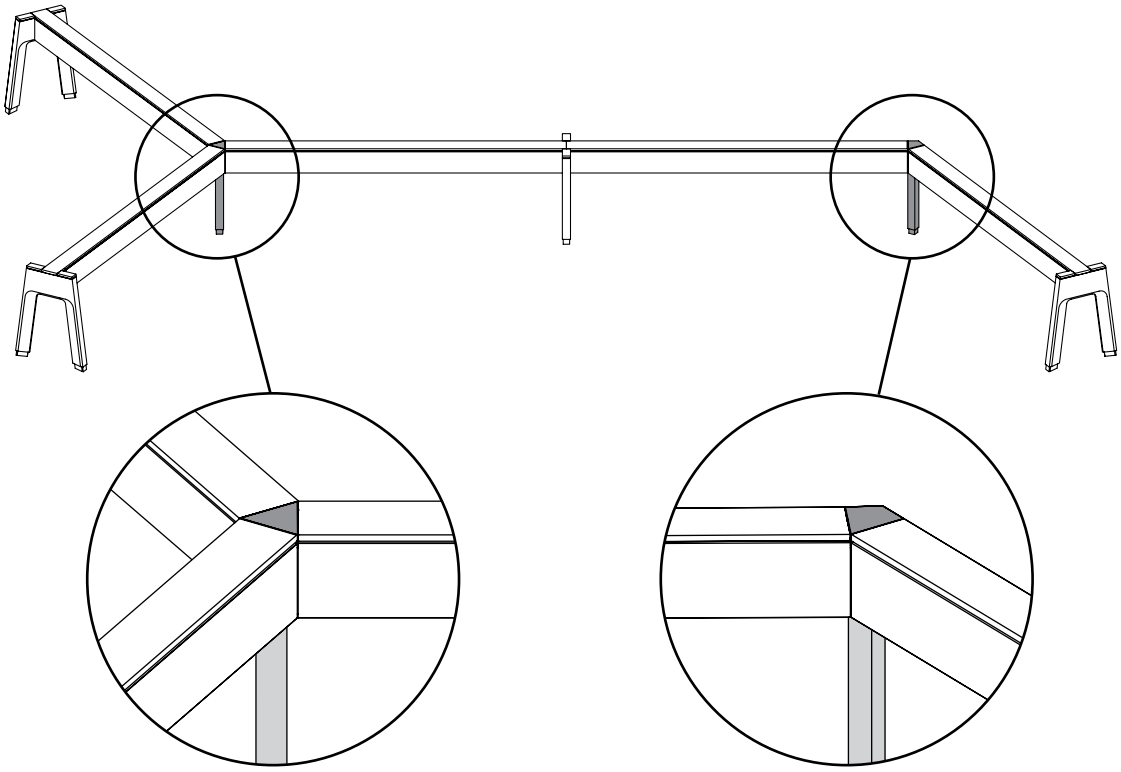


Bottom Wire Cover for Structural Beam Covers – Standard can be installed with suspended and semi-suspended Credenzas (JNBSF, JNBDF, JNBSO, JNBSOO, JNBDO, JNBDOO, JNBSC, JNBDC) and with Storage Cabinet for Height Adjustable Run-Off (JNHSC). Can be overbuilt if the beam bottom is not visible or accessible

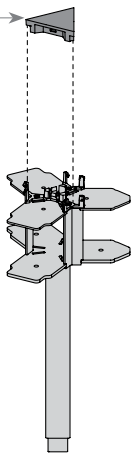
planning with structural post cover – top

The Structural Post Cover – Top is offered separately for re-configuration purposes.

- Finishes the top of a Structural Post – 120° (JNDPLY or JNDPY) by continuing the aesthetic look of Structural Beam Cover – Top (JNDBTC) or the mounting extrusion of an Add-On Screen – Beam-Mounted
- Two top cover configurations are available:

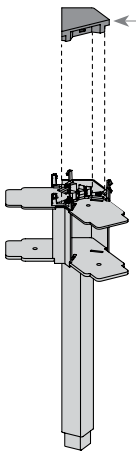


Structural Post Cover – Top
Three-Way 120° Configuration
(JNDCPT_Y)



Low Structural Post – 120° (JNDPLY_Y) (Shown)
or Structural Post – 120° (JNDPY_Y)

Structural Post Cover – Top
Two-Way 120° Configuration
(JNDCPT_V)

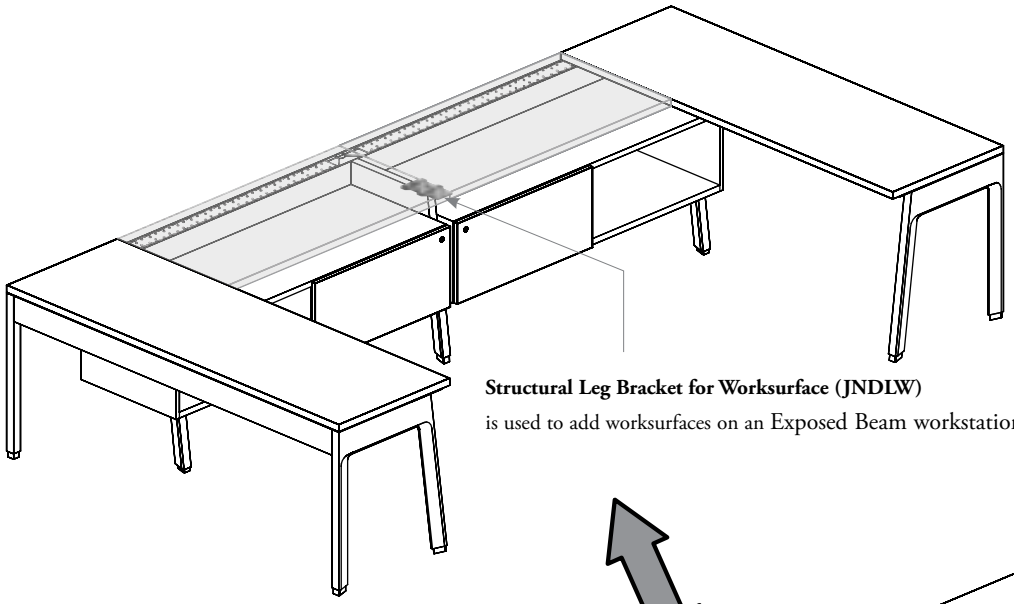


Low Structural Post – 120° (JNDPLY_V) (Shown)
or Structural Post – 120° (JNDPY_V)

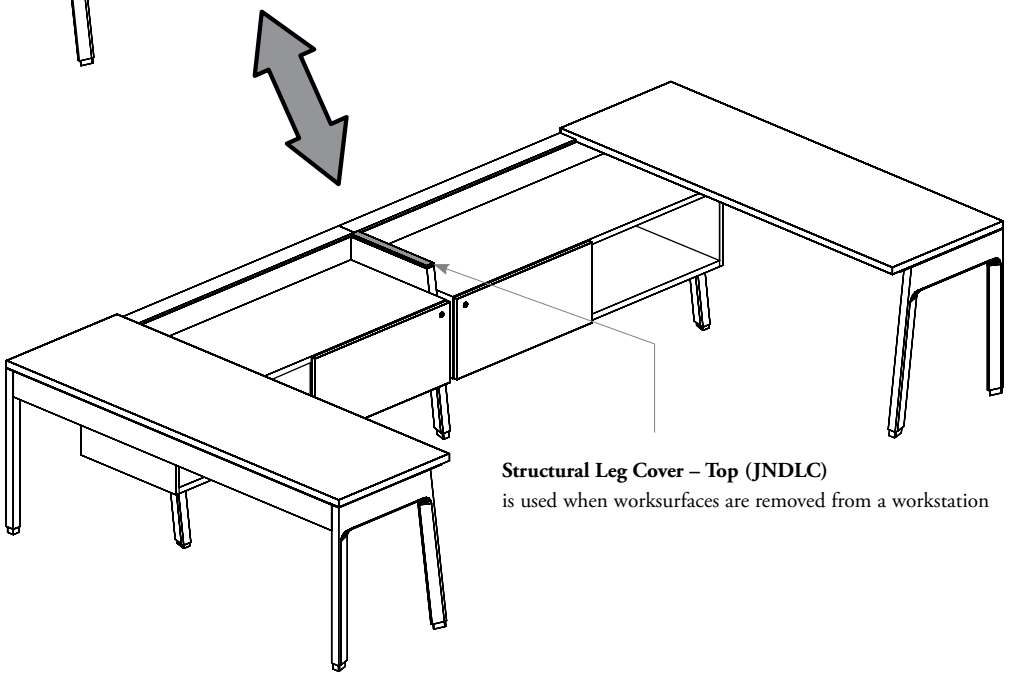
planning with structural leg cover – top & structural leg bracket for worksurface

The Structural Leg Cover – Top and Structural Leg Bracket for Worksurface are offered separately for re-configuration purposes.

The Structural Leg Cover – Top (JNDLC) and Structural Leg Bracket for Worksurface (JNDLW) are interchangeable between them

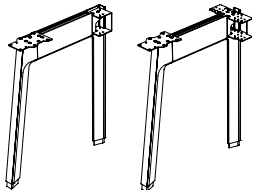


Structural Leg Bracket for Worksurface (JNDLW)
is used to add worksurfaces on an Exposed Beam workstation

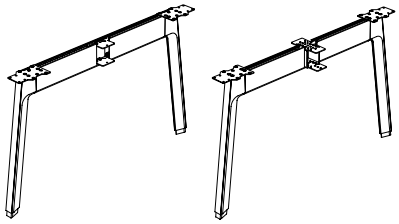


Structural Leg Cover – Top (JNDLC)
is used when worksurfaces are removed from a workstation

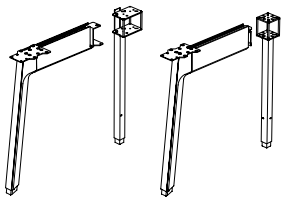
Four Leg Configurations are available:



Structural Legs – Single-Sided (S)



Structural Legs – Double-Sided (D)



Structural Post with Front Legs (P)

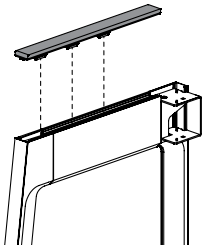
Structural Leg – Fence (F)
Structural Leg Cover Top only

planning with structural leg cover – top & structural leg bracket for worksurface (continued)

- The leg top cover and bracket can be specified separately for Structural Legs
- Are used for reconfiguration purposes only
- Cover must always be specified full leg depth

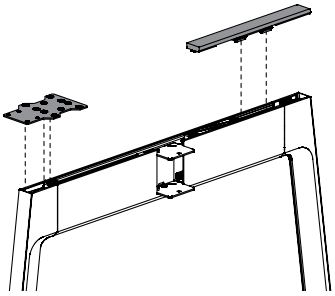
top cover

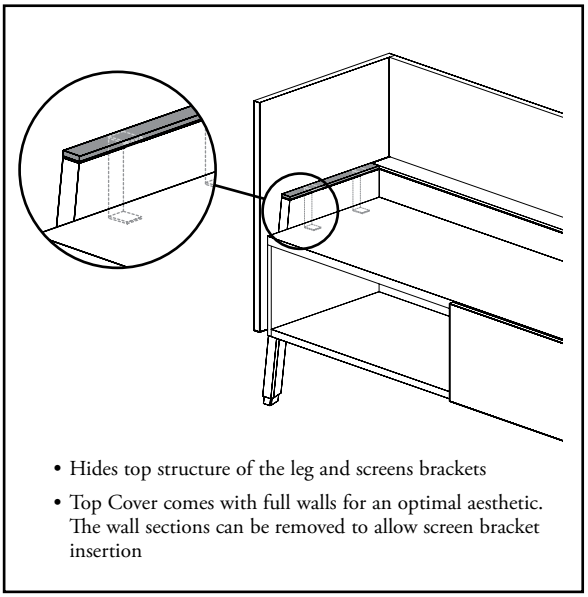
- Finishes the top of legs in exposed beam configurations
- Can be used on the following supports:
  - 15" deep Low Structural Leg – Fence or 18" deep Structural Leg – Fence (F)
  - 18" or 24" deep Structural Leg – Single-Sided (S)
  - 18" or 24" deep Structural Post with Front Leg (P)
  - 36" or 48" deep Structural Leg – Double-Sided (D)
- Only one cover is supplied except for Double-Sided and Fence configurations specified otherwise than with combo options where two covers are supplied



combo worksurface & top cover

- Only one top cover is supplied, the worksurface bracket must be ordered separately if needed
- Can be specified with 36" or 48" deep Structural Leg – Double-Sided (D), 15" deep Low Structural Leg – Fence or 18" deep Structural Leg – Fence (F)





- Hides top structure of the leg and screens brackets
- Top Cover comes with full walls for an optimal aesthetic. The wall sections can be removed to allow screen bracket insertion

worksurface bracket

- Attaches the worksurface to the Structural Leg to maintain stability and level the surface
- Available with Single- and Double-Sided styles, or with Structural Post with Front Leg
- Can be used only on the following supports:
  - Structural Leg – Single- (S) or Double-Sided (D)
  - Structural Post with Front Leg (P)
- Single-sided and post with front leg come with one bracket, double-sided comes with two