spine desks

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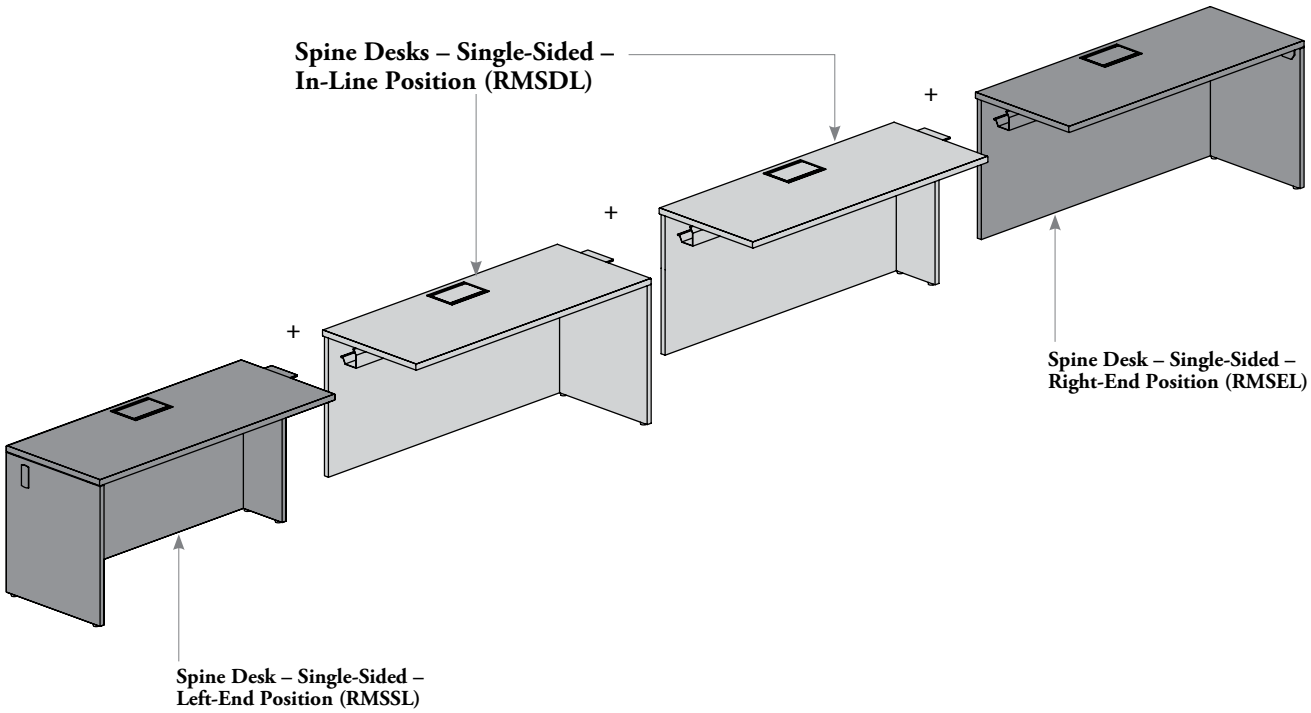
understanding spine desks

The versatility of the Spine Desks allows to use it in a variety of applications. It can be installed in single-sided or shared applications and in individual or collaborative spaces.

- Only the Single-Sided and Shared Freestanding Spine Desks can be used alone.
- The Left-End, Right-End or In-Line Position, Single-Sided and Shared Spine Desks are semi-supported and must always be connected with each-other for stability

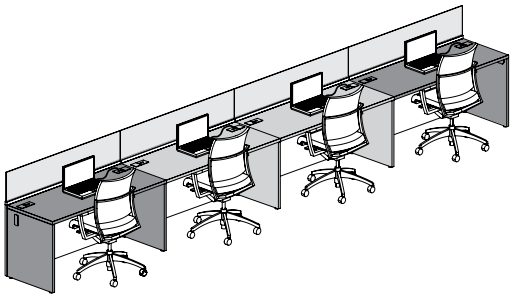
single-sided spine desks



understanding spine desks (continued)

temporary address (benching)

individual space



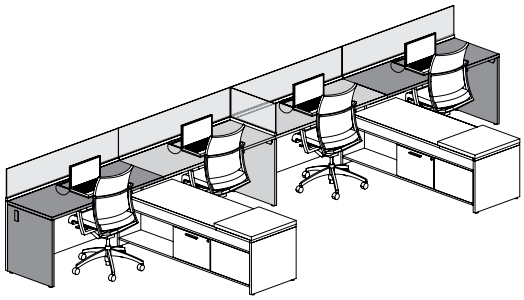
This configuration can be created with a combination of:

Single-Sided Spine Desks:

– One Left-End Position with Intermediate Full Gable (RMSSLF)
– Two In-Line Positions with Intermediate Full Gables (RMSDLF)
– One Right-End Position (RMSEL)

with Wall Access Modesty Panels (W), Rectangular Grommets on both sides (B) and screens

collaborative space



This configuration can be created with a combination of:

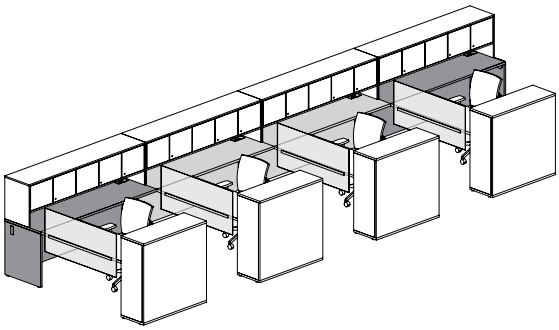
Single-Sided Spine Desks

– One Left-End Position with Intermediate Half Gable (RMSSLH)
– One In-Line Position with Intermediate Full Gable (RMSDLF)
– One In-Line Position with Intermediate Half Gable (RMSDLH)
– One Right-End Position (RMSEL)

with Wall Access Modesty Panels, Middle Access Doors (M), screens and credenzas

permanent address (workstations)

individual space



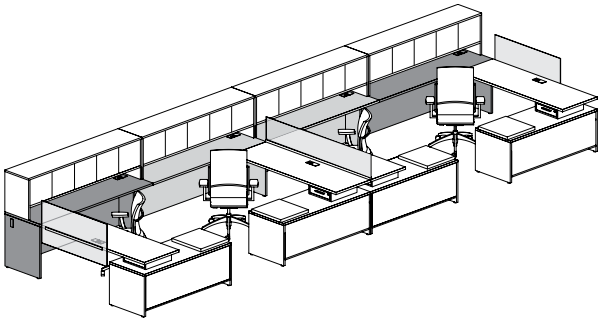
This configuration can be created with a combination of:

Single-Sided Spine Desks:

– One Left-End Position with Intermediate Half Gable (RMSSLH)
– Two In-Line Positions with Intermediate Half Gables (RMSDLH)
– One Right-End Position (RMSEL)

with Full Modesty Panels (F), Rectangular Grommets on both sides (B), rectangular worksurfaces, screens, mounted storage and freestanding storage

collaborative space



This configuration can be created with a combination of:

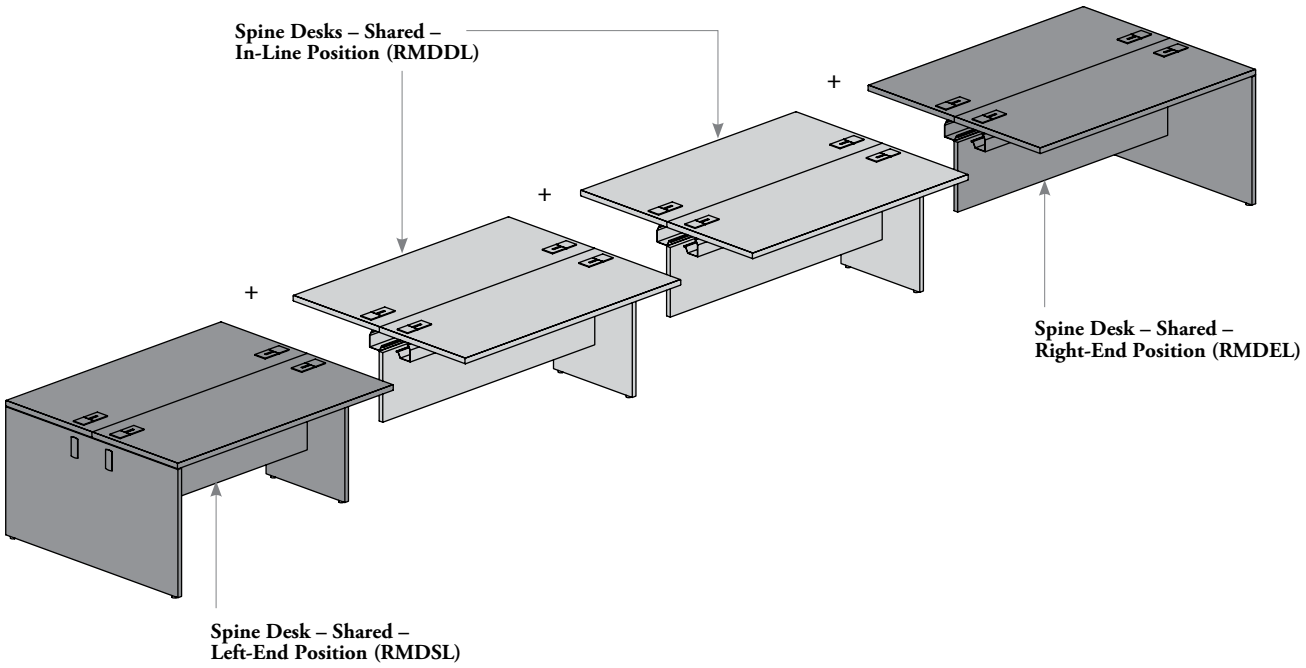
Single-Sided Spine Desks:

– One Left-End Position with Intermediate Half Gable (RMSSLH)
– One In-Line Position with Intermediate Full Gable (RMSDLF)
– One In-Line Position with Intermediate Half Gable (RMSDLH)
– One Right-End Position (RMSEL)

with Full Modesty Panels (F), Rectangular Grommets on both sides (B), rectangular worksurfaces, screens, mounted storage and credenzas

understanding spine desks (continued)

shared spine desks



understanding spine desks (continued)

temporary address (benching)

individual space

This configuration can be created with a combination of:

Shared Spine Desks:

– One Left-End Position with Intermediate Half Gable (RMDSLH)
– Two In-Line Positions with Intermediate Half Gables (RMDDLH)
– One Right-End Position (RMDEL)

with Raised Modesty Panels (R), Rectangular Grommets on both sides (B) and screens

collaborative space

This configuration can be created with a combination of:

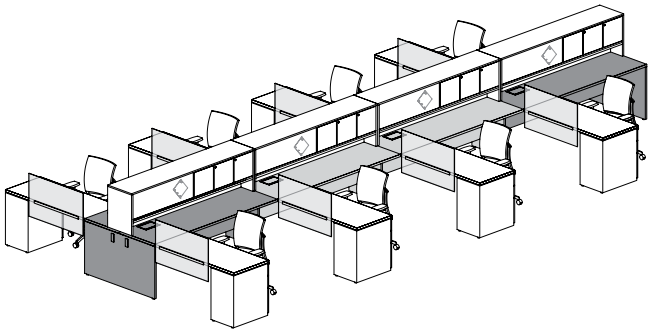
Shared Spine Desks

– One Left-End Position with Intermediate Half Gable (RMDSLH)
– One In-Line Position with Intermediate Full Gable (RMDDLF)
– One In-Line Position with Intermediate Half Gable (RMDDLH)
– One Right-End Position (RMDEL)

with Raised Modesty Panels (R), Middle Access Doors (M), screens and credenzas

permanent address (workstations)

individual space



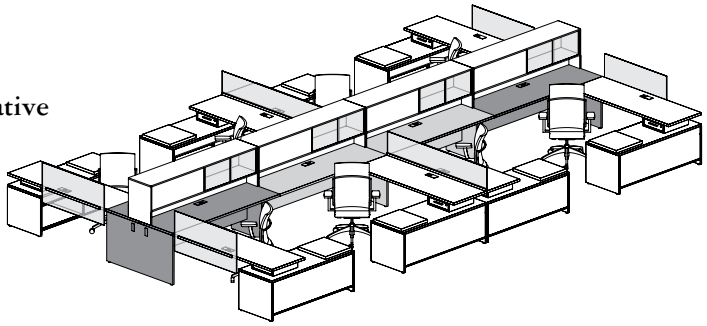
This configuration can be created with a combination of:

Shared Spine Desks:

– One Left-End Position with Intermediate Half Gable (RMDSLH)
– Two In-Line Positions with Intermediate Half Gables (RMDDLH)
– One Right-End Position (RMDEL)

with Raised Modesty Panels (R), Left Access Doors (L), rectangular worksurfaces, screens, mounted storage and freestanding storage

collaborative space



This configuration can be created with a combination of:

Shared Spine Desks:

– One Left-End Position with Intermediate Half Gable (RMDSLH)
– One In-Line Position with Intermediate Full Gable (RMDDLF)
– One In-Line Position with Intermediate Half Gable (RMDDLH)
– One Right-End Position (RMDEL)

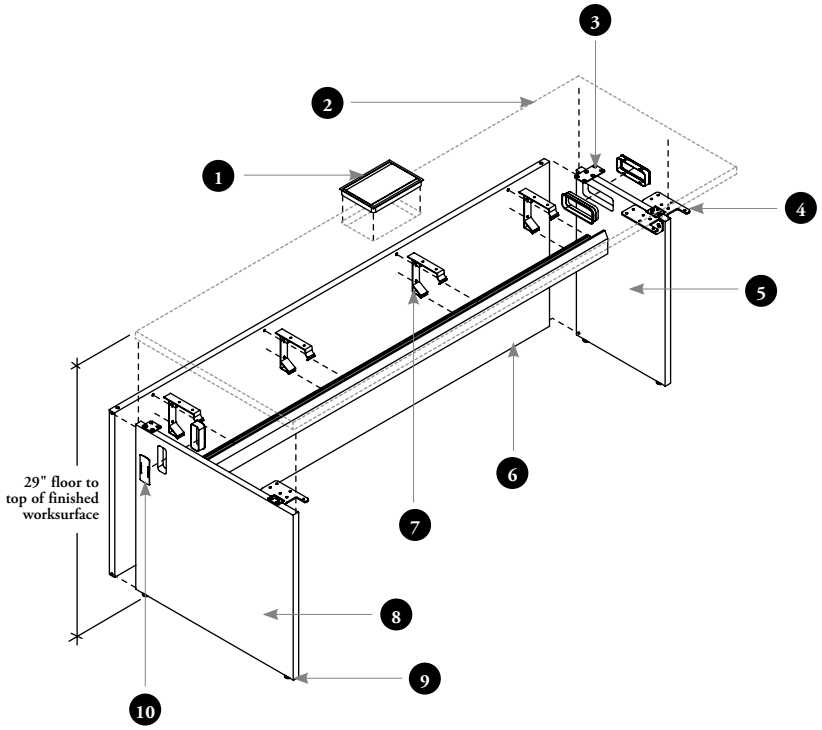
with Raised Modesty Panels (R), Centered Rectangular Grommets (C), rectangular worksurfaces, screens, mounted storage and credenzas

spine desk basics

Spine Desks are available for End and In-Line positions, in single-sided or shared applications.

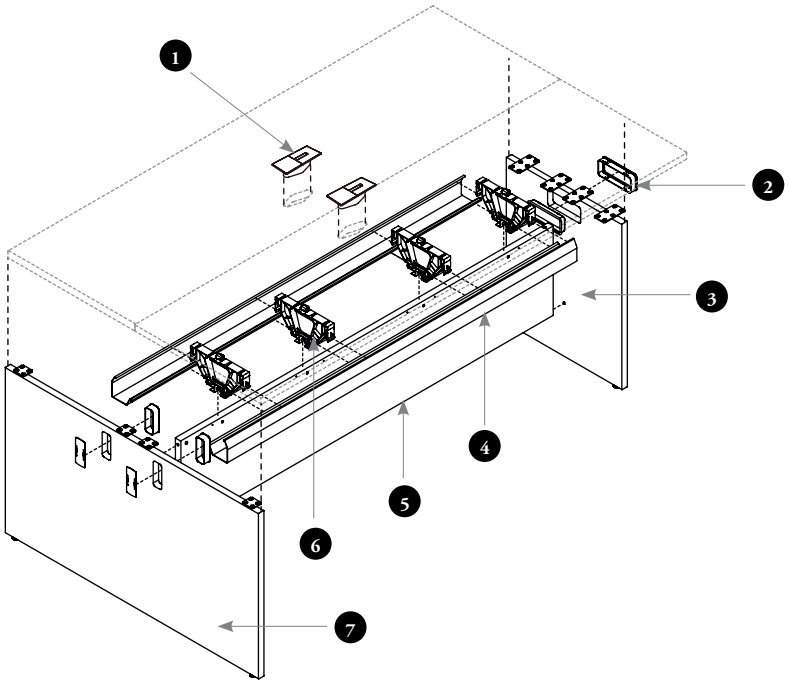
All Spine Desks include worksurfaces, gables, modesty panels and hinged cable tray

single-sided spine anatomy



1. Access Door
2. Worksurface
3. Flush Plate
4. Assembly Plate
5. Non-Handed Intermediate Gable
6. Full or Wall Access Modesty Panel
7. Single-Sided Cantilever
8. Handed End Gable
9. **Levelers** are included with the gable and have an adjustment range of 3"
10. Gable Grommet with Cover on End Gable

shared spine desk anatomy



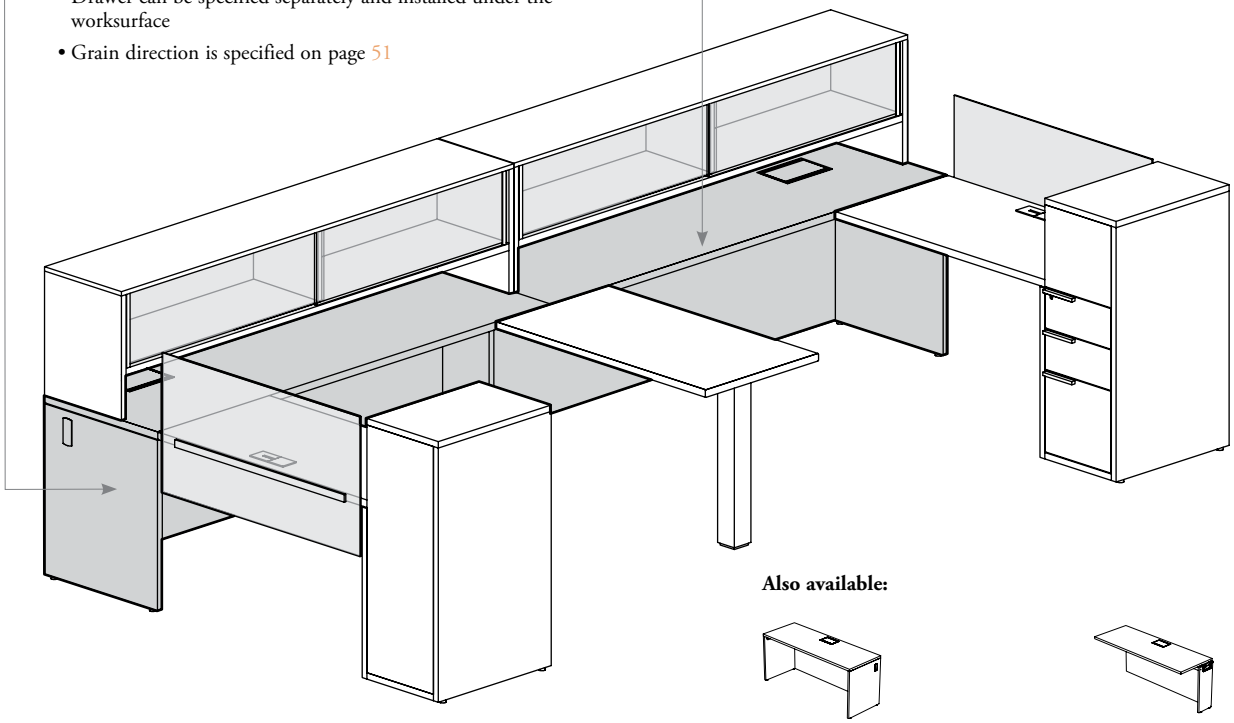
1. Rectangular Worksurface Grommet
2. The Intermediate Gable come with factory-made pass-through cut-outs to insert the **Cable Pass-Through Ring**
3. Non-Handed Intermediate Gable
4. Hinged Cable Tray
5. Raised Modesty Panel
6. Shared Cantilever
7. Non-Handed End Gable

spine desk basics (continued)

- Two End Spine Desks (one left and one right) can be connected side-by-side. When In-Line Spine Desks are specified, they must always be installed between a Left- and Right-End Spine Desks
- Two wire management options are available, grommets or access doors
- Desk are shipped knocked down

Single-Sided – Spine Desk – Left-End Position (RMSSL) and Single-Sided – Right-End Position (RMSEL)

- Are specified at the beginning (RMSSL) or end (RMSEL) of a desk run
- One left-end and one right-end desk are required for all single-sided applications. In-Line Position Spine Desks can be added in between the left and right end desks
- All 28" high Freestanding Storage and the Multi-Functional Drawer can be specified separately and installed under the worksurface
- Grain direction is specified on page 51



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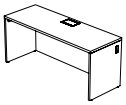


Single-Sided – Spine Desk – Freestanding (RMSRL)

- Can be use alone
- Several Freestanding Spine Desks can be connected together allowing more modularity

Single-Sided – Spine Desk – In-Line Position (RMSDL)

- Comes with a Full or Half (Shown) Intermediate Gable only
- **Cannot** be use alone
- Are used only in the center sections of a desk run

spine desk basics (continued)

Access Doors or Rectangular Worksurface Grommets

- Provide opening for electrical wiring and communication cables
- The Access Doors also provide direct access to the electrics that are concealed underneath the worksurface
- The Rectangular Grommet can be changed with Elliptical Grommet (RAG3) which can be specified separately

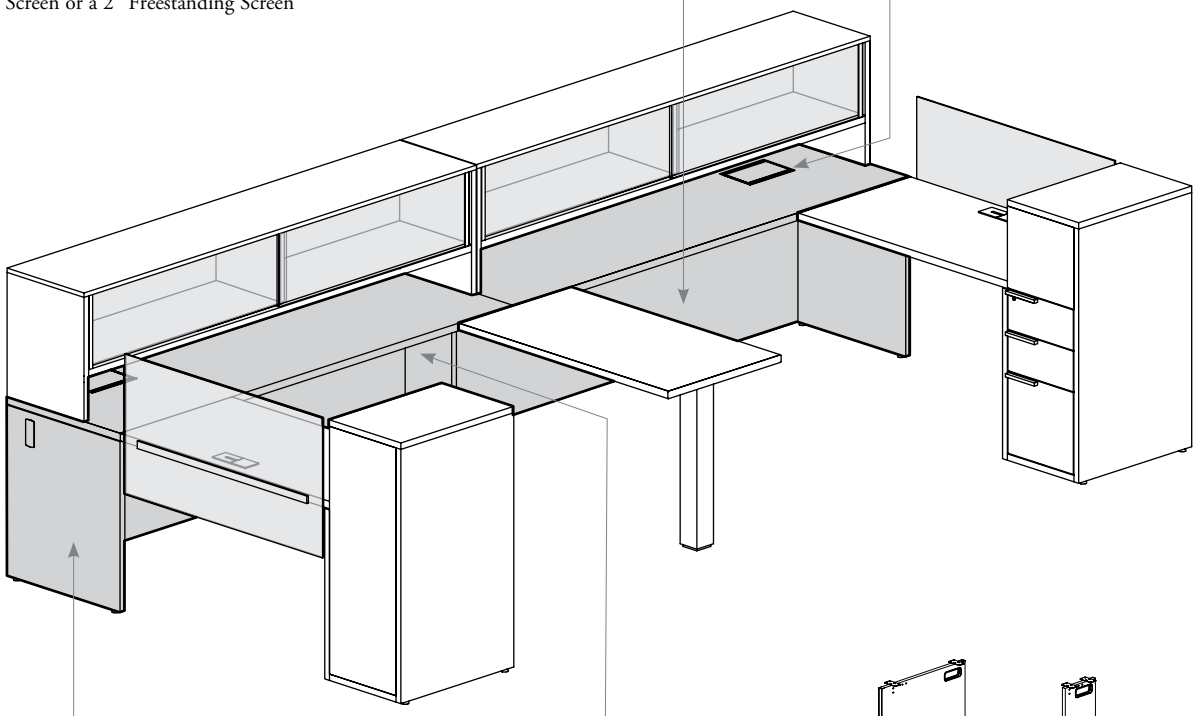
- Two rectangular worksurface grommet position styles are available :
  - Both Ends (B)
  - Centered (C)

and three Access Door position styles are available:

- Left (L)
- Middle (M)
- Right (R)

Modesty Panels

- Required on all Single-Sided Spine Desks for structural stability, For details, refer on page 43
- Available in Laminate only
- Can be specified full-height or wall access, but must be consistent within same desk run
- Wall Access Modesty Panel allows access to power and communication on building wall; it is **not** intended for corridor or visitor applications, except when used in combination with a 1" Floor Screen or a 2" Freestanding Screen

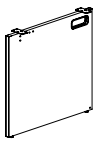


End Gables

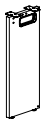
- Are handed and **cannot** be reconfigured on-site
- Spine Desks offer four grommet styles on gables:
  - Left and Right Grommet (B)
  - Left Grommet (L)
  - No Grommet (N)
  - Right Grommet (R)
- When a Lateral Power Pole is specified, the gable grommet must be specified to allow its installation

Intermediate Gables

- Full and half Intermediate Gables are non-handed for on-site reconfigurability
- Include a Cable Pass-Through that provides opening for electrical wiring and communication cables and is always horizontally positioned
- Half gables provide additional kneespace clearance at desk junctions, see planning restrictions on page 45



Full Intermediate Gable



Half Intermediate Gable

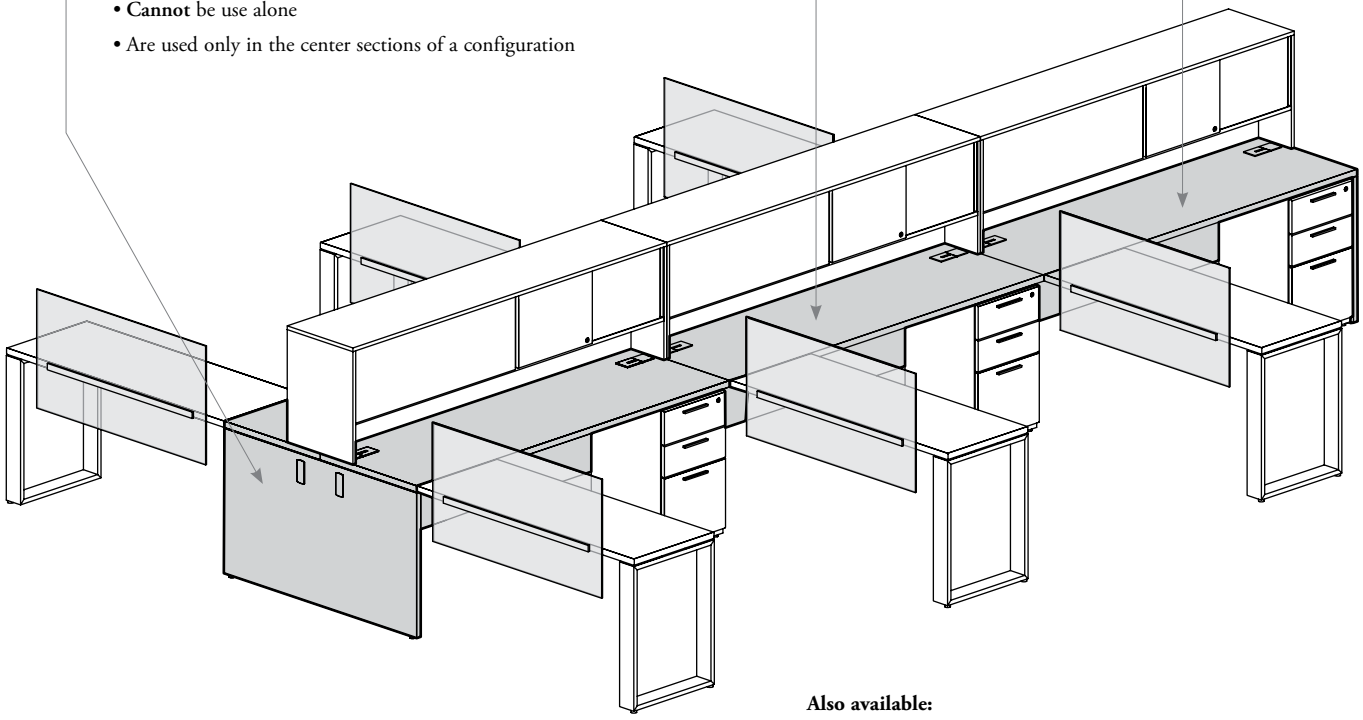
spine desk basics (continued)

Shared – Spine Desk – Left-End Position (RMDSL) and Shared – Right-End Position (RMDEL)

- Are specified at the beginning (RMDSL) or end (RMDEL) of a desk run
- One left-end and one right-end desk are required for all shared applications. In-Line Position Spine Desks can be added in between the left and right end desks
- All 28" high Freestanding Storage and the Multi-Functional Drawer can be specified separately and installed under the worksurface
- Grain direction is specified on page 51

Shared – Spine Desk – In-Line Position (RMDDL)

- Comes with a Full or Half Intermediate Gable only
- **Cannot** be use alone
- Are used only in the center sections of a configuration



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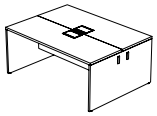


Shared – Spine Desk – Freestanding (RMDRL)

- Can be use alone
- Several Freestanding Spine Desks can be connected together allowing more modularity

spine desk basics (continued)

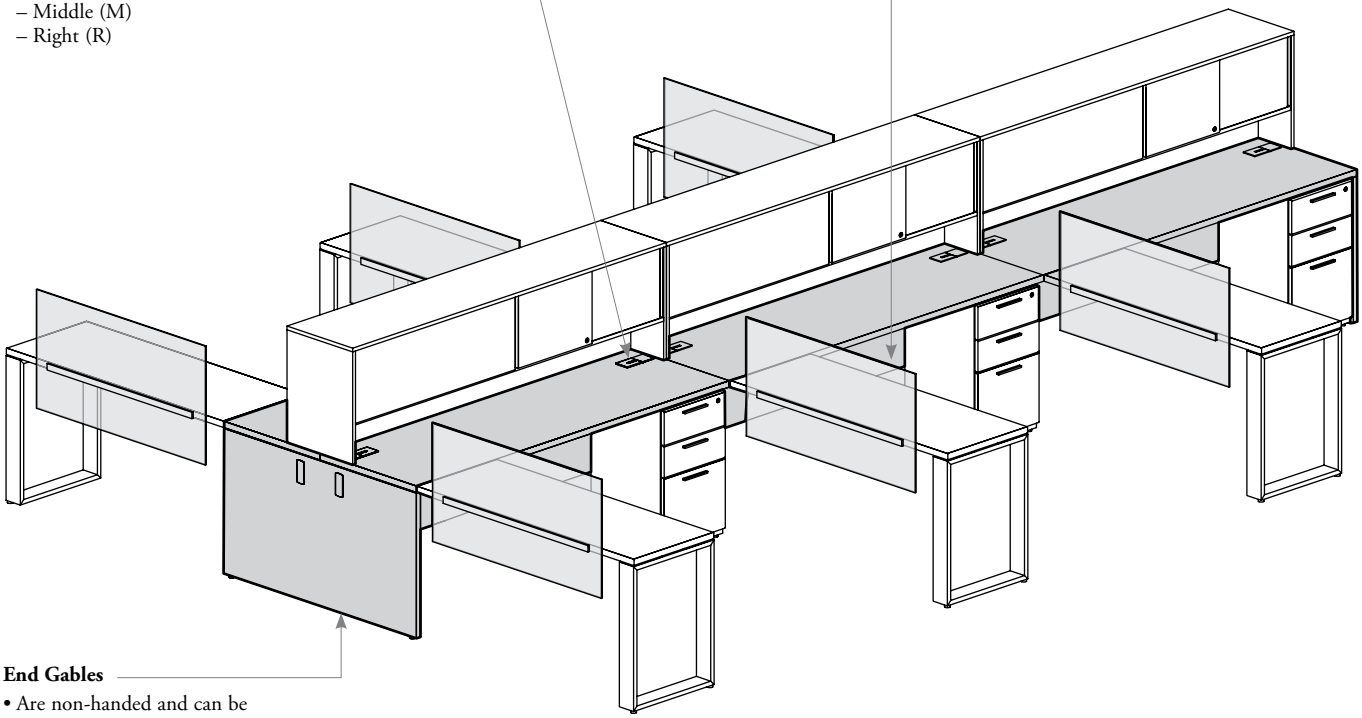
Access Doors or
Rectangular Worksurface Grommets

- Provide opening for electrical wiring and communication cables
- The Access Doors also provide direct access to the electrics that are concealed underneath the worksurface
- The Rectangular Grommet can be changed with Elliptical Grommet (RAG3) which can be specified separately
- Two rectangular worksurface grommet position styles are available:
  - Both Ends (B)
  - Centered (C)

  and five Access Door position styles are available:
  - Offset Left (D)
  - Offset Right (E)
  - Left (L)
  - Middle (M)
  - Right (R)

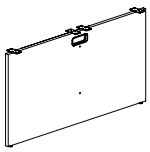
Modesty Panels

- Raised-Height Modesty Panels are included with all Shared Spine Desks. For details, refer on page 43
- Available in Laminate only
- Raised Modesty Panel allows access from both sides of the desk to power and communication under desks



End Gables

- Are non-handed and can be reconfigured from left end position desk to right end position desk
- Spine Desks offer two grommet styles:
  - Grommet (G)
  - No Grommet (N)
- When a Lateral Power Pole is specified, the gable grommet must be specified to allow its installation



Full Intermediate Gable

Half Intermediate Gable

Intermediate Gables

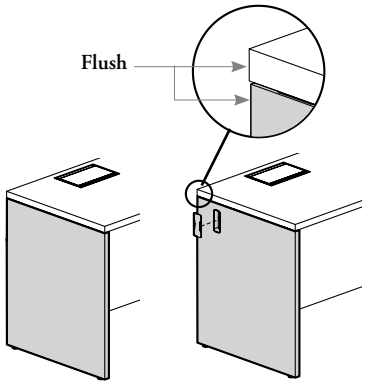
- Full and half intermediate gables are non-handed for on-site reconfigurability
- Include a Cable Pass-Through that provide openings for electrical wiring and communication cables
- Half gables provide additional kneespace clearance at desk junctions

modesty panel & gable basics

Modesty Panels create seated privacy for various configurations. The Raised Height allow access to electrical outlets as well as power/data sharing between workstation in cluster applications.

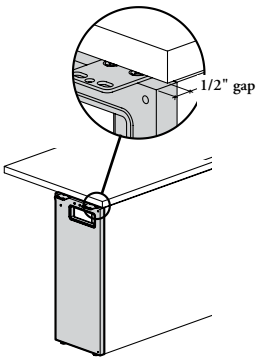
- All Spine Desks come with 1" thick low pressure laminate (LPL) modesty panels and gables
- No grommet on all modesty panels

End Gables
All Spine Desks can be specified with or without grommet



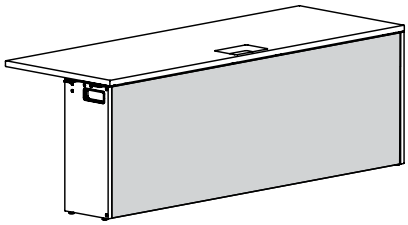
Without Grommet | With Grommet

Intermediate Gables
Come with an horizontal Cable Pass-Through Ring



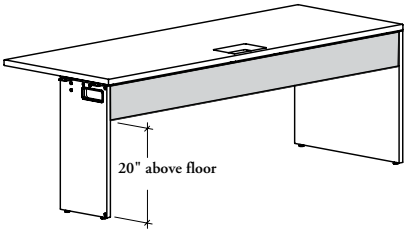
With Cable Pass-Through Ring

Flush Full-Height Modesty Panels
- Only available with Single-Sided Spine Desks
- Connect to the rear of a Spine Desk
- A 1" Floor Screen **cannot** be installed to the rear of a Spine Desk with full-height modesty panel
- It is recommended for corridor application



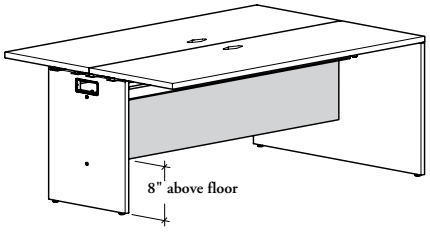
Flush Full-Height (F)

Wall Access Modesty Panels
- Only available with Single-Sided Spine Desks
- Connect to the rear of a Spine Desk
- It is **not** intended for corridor or visitor application, except when used in combination with screens
- The 20" clearance above floor allows access to wall outlets
- Can be used in combination with 1" Floor Screens or 2" Freestanding Screens



Wall Access (W)

Raised-Height Modesty Panels
- Only available with Shared Spine Desks
- Centered below two shared worksurfaces of a Spine Desk
- The 4" clearance underneath worksurface and top of modesty panel allows wire management

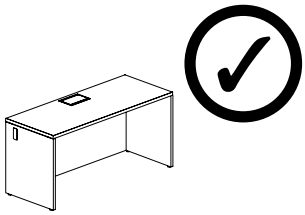


Raised Height (R)

planning with spine desks

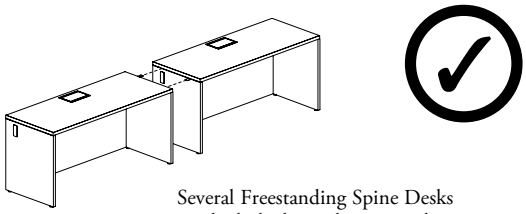
The following should be taken into consideration when planning with Spine Desks.

single-sided or shared spine desks – freestanding



Only the Freestanding Spine Desks can be used alone

Alone Application



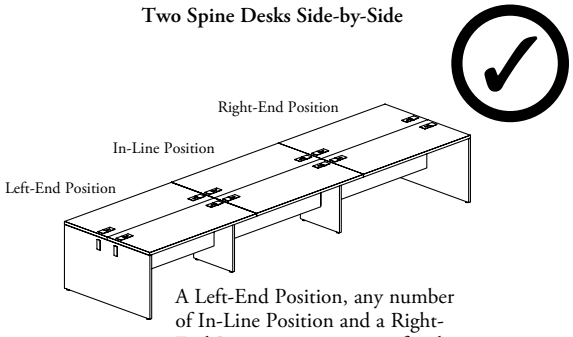
Several Freestanding Spine Desks can be linked together using the linking plate provided with each desk

Benching Application

single-sided or shared spine desks – end & in-line position

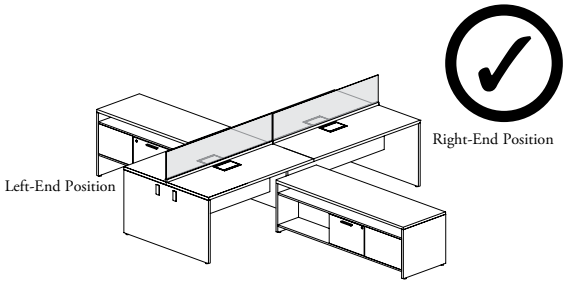
End Positions or In-Line Positions **cannot** be used freestanding

Two Spine Desks Side-by-Side

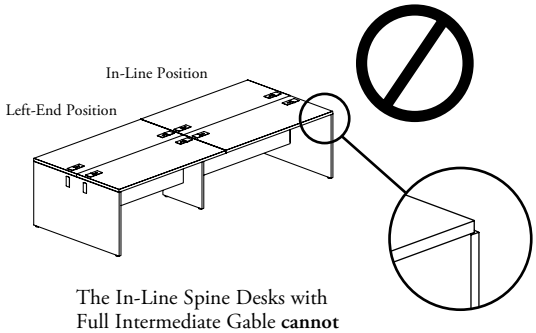


A Left-End Position, any number of In-Line Position and a Right-End Position are necessary for the construction of a bench

Single Benching



The Left- and the Right-End Spine Desks can be linked side-by-side allowing the collaborative space



The In-Line Spine Desks with Full Intermediate Gable **cannot** be used as an End Spine Desk. They are used only in the center section of a configuration

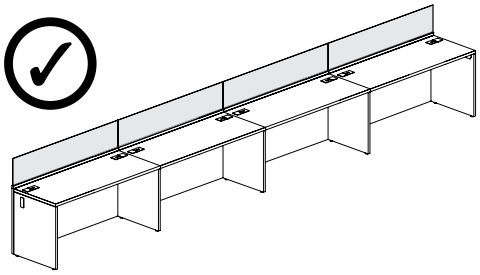
planning with spine desks (continued)

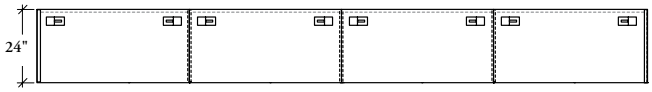
Several Benching

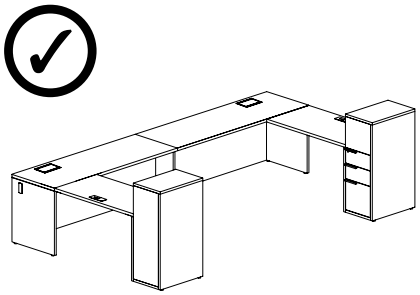
Desk Bench can be linked with another desk bench

24" deep single-sided spine desks – end & in-line position

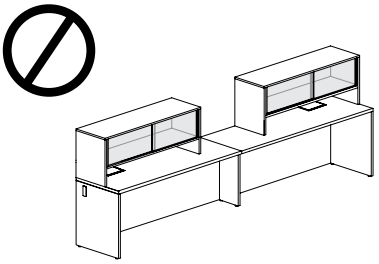
24" deep Single-Sided Spine Desks assembly requires full gables at each worksurface junction







With Rectangular or Peninsula Worksurfaces

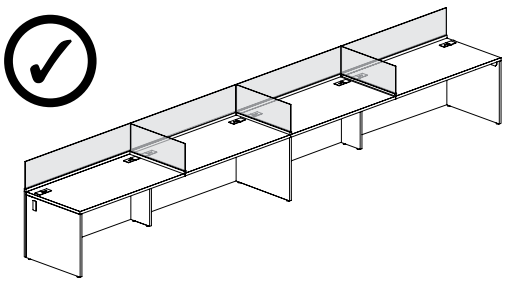


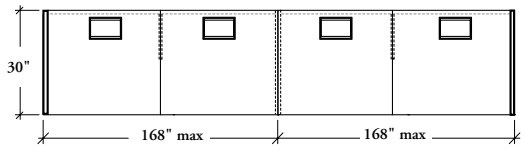
With Elevated Desktop Cabinets

Cannot be mounted off-module on Single-Sided Spine Desks. Refer on Desk-Mounted Storage Compatibility Chart on page 111 for more details

30" deep single-sided spine desks – end & in-line position

30" deep Single-Sided Spine Desks assembly requires full gables at each 168" span





planning with worksurfaces, mounted storage & screens

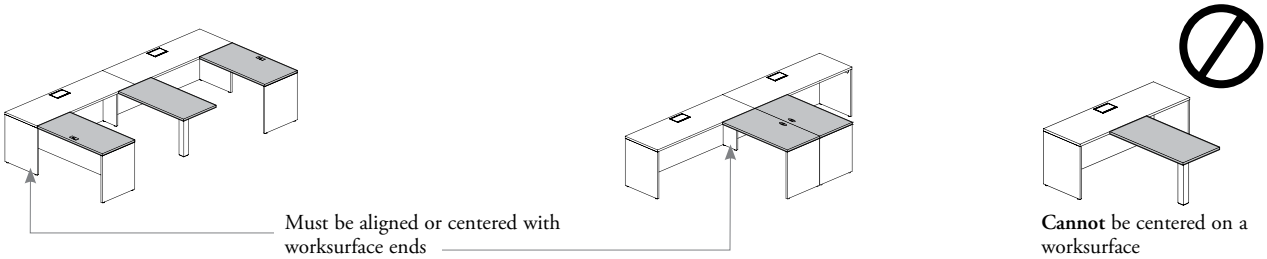
The following should be considered when planning with Spine Desks and compatible Expansion Desking products.

- The Spine Desks are compatible with the following Expansion Desking products: worksurfaces, screens and Elevated Desktop Cabinets
- In addition to the applications listed below, other restrictions should be applied when specifying Expansion Desking products. See the applications page of each section of the compatible products below

worksurface applications

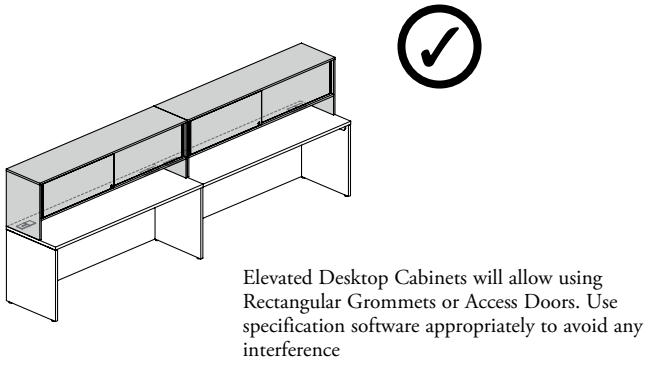
Rectangular Worksurface and D-Shaped Peninsula Worksurfaces

Worksurfaces mounts perpendicular on the user edge



elevated desktop cabinets applications

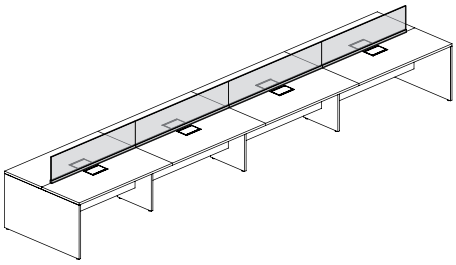
Spine Desks / Elevated Desktop Cabinets combinations are **not** all possible, see Desks-Mounted Storage Compatibility Chart in Mounted Storage Application Guide



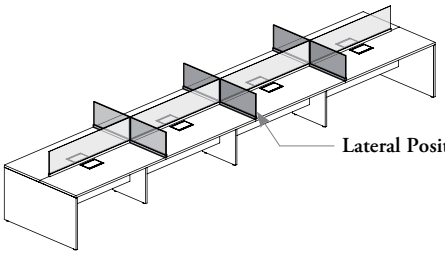
planning with worksurfaces, mounted storage & screens (continued)

screen applications

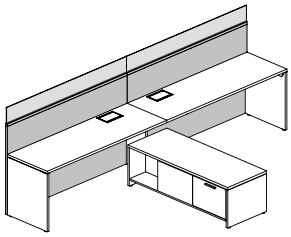
Add-On Screens and 1" Floor Screens



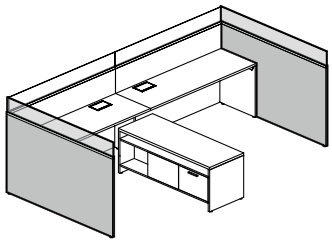
Several Central Screens for Spine Desks can be mounted on- or off-module in Back Position on the connection between two Single-Sided Spine Desks back-to-back or centered on a Shared Spine Desk



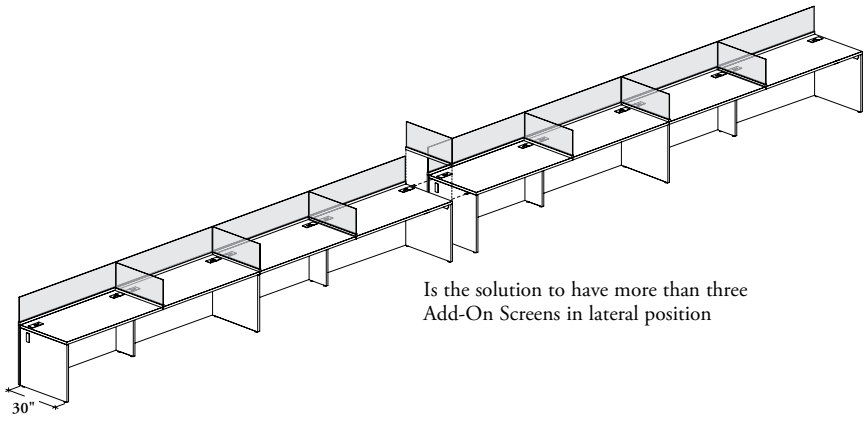
Only three Lateral Screens for Spine Desks can be installed on a bench



Several 1" Floor Screens can be mounted on-module in back position on a Single-Sided Spine Desk with Wall-Access Modesty Panel and must be fixed between two gables



One 1" Floor Screen can be mounted on- or off-module in lateral position on a Single-Sided or a Shared Spine Desk and must be fixed to a full gable



Is the solution to have more than three Add-On Screens in lateral position

planning with access doors & rectangular grommets positions

The following should be considered when planning grommets and access doors positions on Spine Desks.

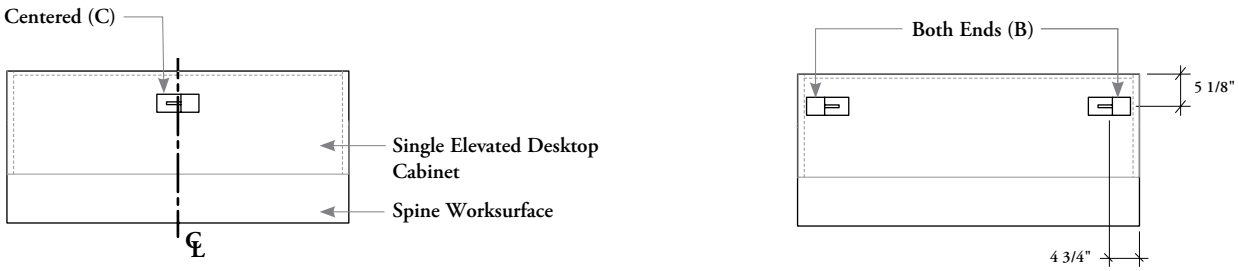
- All desks are available with factory-made grommet or access door cut-outs
- Provide opening for routing electrical wiring and communication cables through the worksurface

single-sided applications

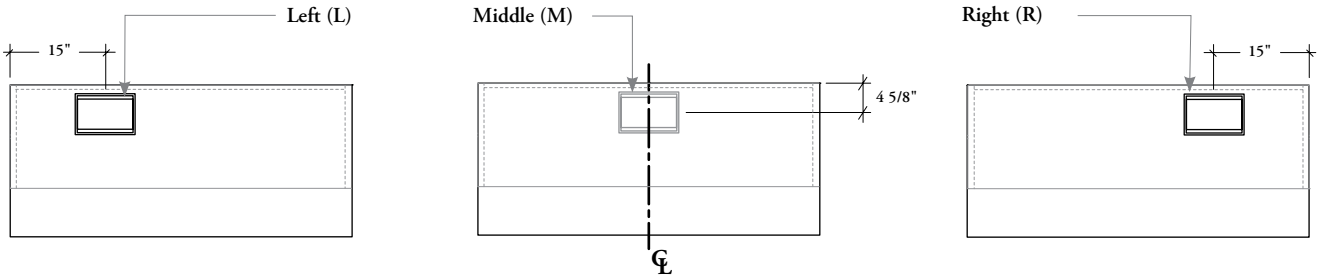
Outline of Single Elevated Desktop Cabinets

The Access Doors and Rectangular Grommets will be accessible when installed under the shelf of an Single Elevated Desktop Cabinet

Rectangular Grommet Positions

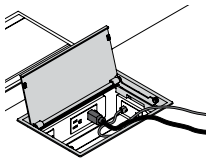


Access Door Positions



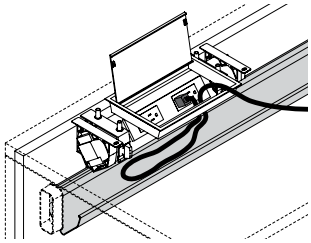
Rectangular Grommets

- Can be centered or at both ends of each worksurface
- Complements MAST Manual Arm with Expansion Grommet Mount (YMSTM_5), Dynamic Arm (YMSTD_5) or Dynamic Arm Light (YMSTX_5) can be installed through the hole of the Rectangular Grommet. For details, refer to Complements product
- The Rectangular Grommet can be changed with Elliptical Grommet (RAG3) which can be specified separately. For details, refer on page 193



Access Doors

- Can be located to the middle, to the left or to the right of each worksurface. Can also be offset left or offset right on Shared Spine Desks
- Allows direct access to power/ data under the worksurface. Can also be specified separately. See electrical section for details



Hinged Cable Tray

- Comes with all Spine Desks and are mounted below each worksurface to manage cables coming from Access Doors or Rectangular Grommets
- Conceals and hides all electrical and data equipment
- Is mounted on hinges to allow front user access to power and data from underneath the worksurface

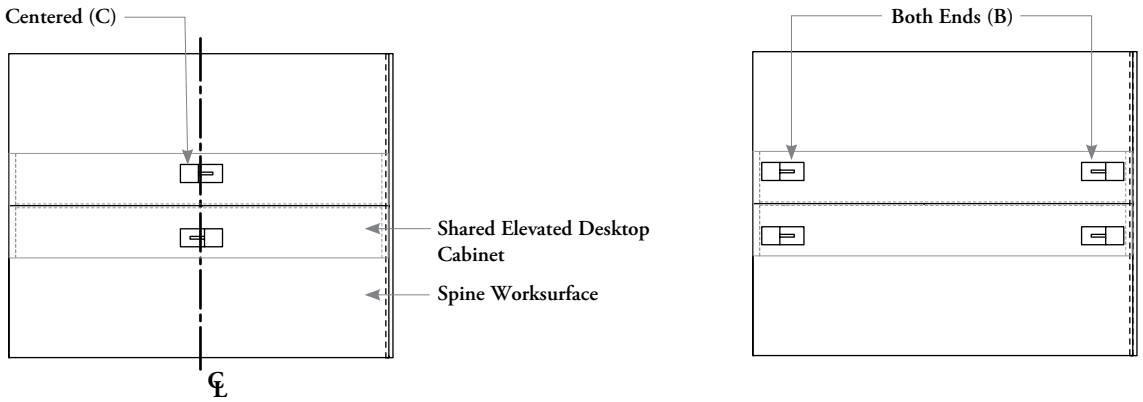
planning with access doors & rectangular grommets positions (continued)

shared applications

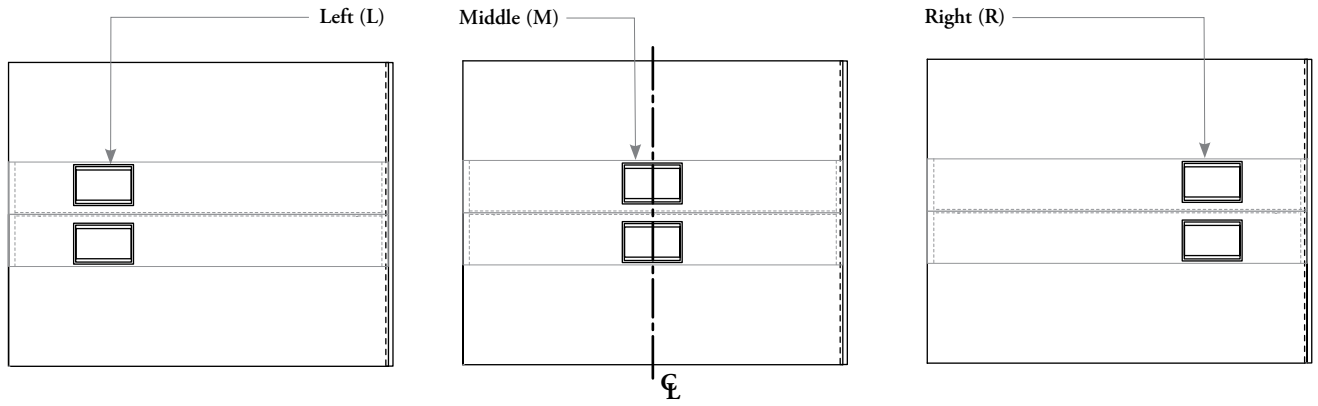
Outline of Shared Elevated Desktop Cabinets

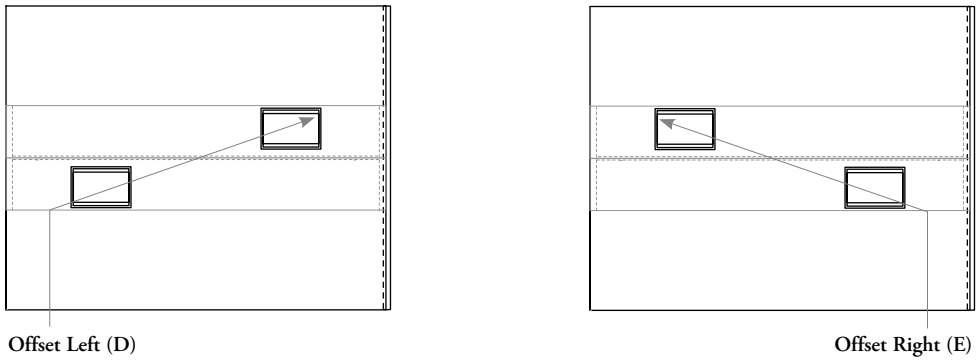
The Access Doors and Rectangular Grommets will be accessible when installed under the shelf of an Shared Elevated Desktop Cabinet

Rectangular Grommet Positions



Access Door Positions





spine desk finishes

Spine Desks related parts are available in a wide variety of finish colors. Finish codes must be included in the order.

All Laminate components are protected with a solid plastic edge

Rectangular Worksurface Grommets

- Available in Clear Anodized Coordinate (AC), Soft Gris (B), Storm White (Q), Very White (V), Anthracite (X), Crisp Grey (6) and Platinum (7)

Access Doors

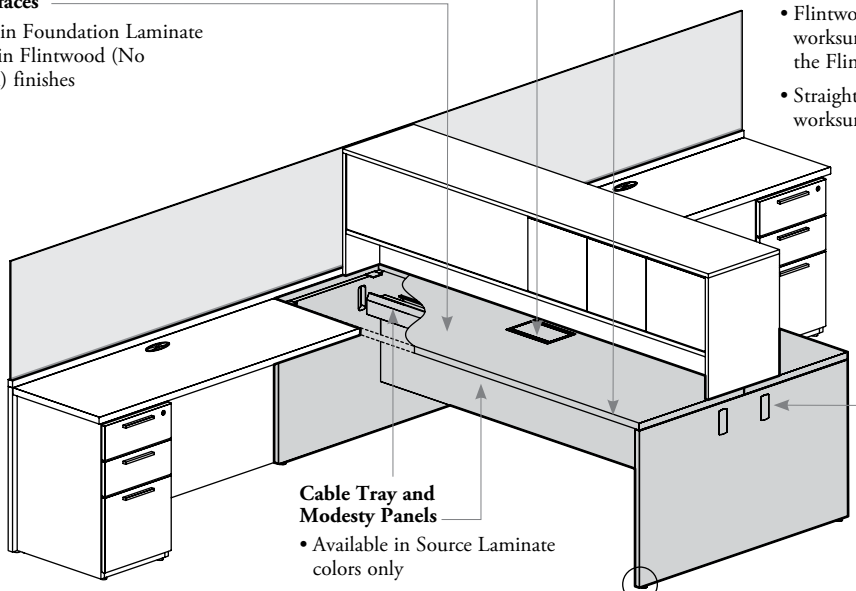
- Available in Foundation or Mica colors

Edge Trims

- Available in Straight Trim (6) or Flintwood Flat Trim (9)
- Straight Trim (6) is available in 3 mm thick on all edges. Flintwood Flat Trim (9) in 1.4 mm thick on all edges
- Flintwood Flat Trim is only available on Flintwood worksurfaces. Edge trims will be finished to match the Flintwood worksurface
- Straight Trim is **not** available on Flintwood worksurfaces

Worksurfaces

Available in Foundation Laminate colors or in Flintwood (No Cathedral) finishes



End Gables and Grommets

- Available in Source Laminate or Flintwood (No Cathedral) finishes
- Gable Grommets and Corner Brackets will match the color of End Gable

Corner Brackets

Cable Tray and Modesty Panels

- Available in Source Laminate colors only
- Hinged Cable Tray will match modesty panel finish

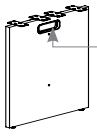
Levelers

Finished in Black

Also Available:

Gable Plates **Linking Plates**

Finished in Black



Intermediate Gables and Cable Pass-Through Ring

- The Intermediate Gable is available in Source Laminate colors only
- Cable Pass-Through Ring comes in a Platinum Coordinate

spine desk grain direction / user edge

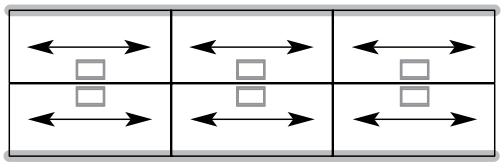
laminate worksurface grain/pattern direction

- Grain direction is an important factor when planning learning configuration, if a different grain direction is required, please contact your Teknion Customer Service Representative
- The pattern direction of Laminate is **not** "centered" and grain direction can appear in different direction from side-to-side worksurface
- Shading indicates user edge

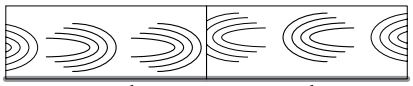
Single-Side Spine Desks

RMSRL or RMSSL | RMSDL | RMSEL

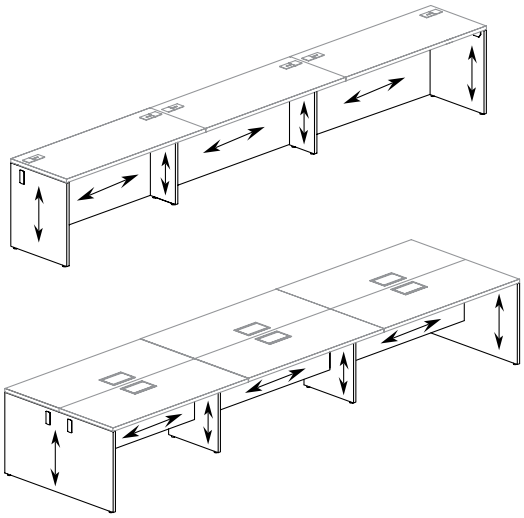
Shared Spine Desks



RMDRL or RMDSL | RMDDL | RMDEL



User Edge | User Edge



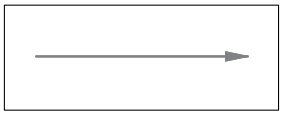
Laminate = ⟷ = Grain Direction =

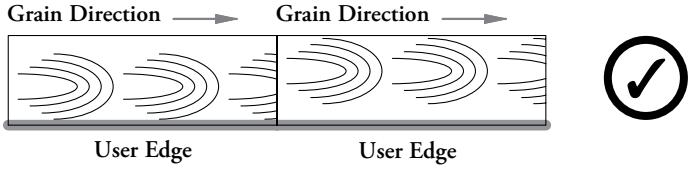
flintwood worksurface grain/pattern direction

- There is no user edge so care must be taken during installation to match grain/pattern direction
- Grain/patterns are **not** "centered" on worksurface
- Applies to Flintwood (Standard)

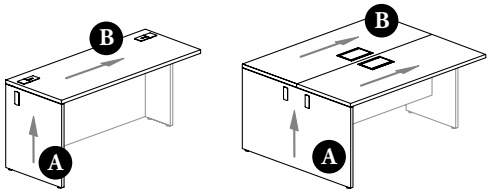
Flintwood = → = Grain Direction =

- Grain direction will appear in the same direction, from side to side worksurface

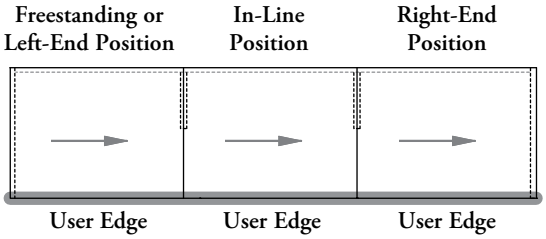




Single-Side Spine Desk or Shared Spine Desk



- Grain direction on Full End Gable is always vertical
- There is no matching grain across Full End Gable (A) and Worksurface (B)



- Regardless of worksurface position, Single-Sided or Shared Spine Desks, grain direction from left to right from the user's perspective