



Atkore BIM Toolbar

User Manual

Introduction

The Atkore BIM toolbar provides access to a comprehensive BIM library of Atkore electrical & mechanical products, including strut, conduit, fittings, cable cleats, cable tray, and bollards. It features tools such as our Hanger Configurator for custom configuration and auto placement of hangers.

If you need assistance, feel free to contact us at atkorebimtoolbar@atkore.com

Activation



To activate the Atkore toolbar, click the **Activate** button upon first use.

Region Selection



Select the appropriate library based on your region in the **Settings** for immediate access to the correct products.

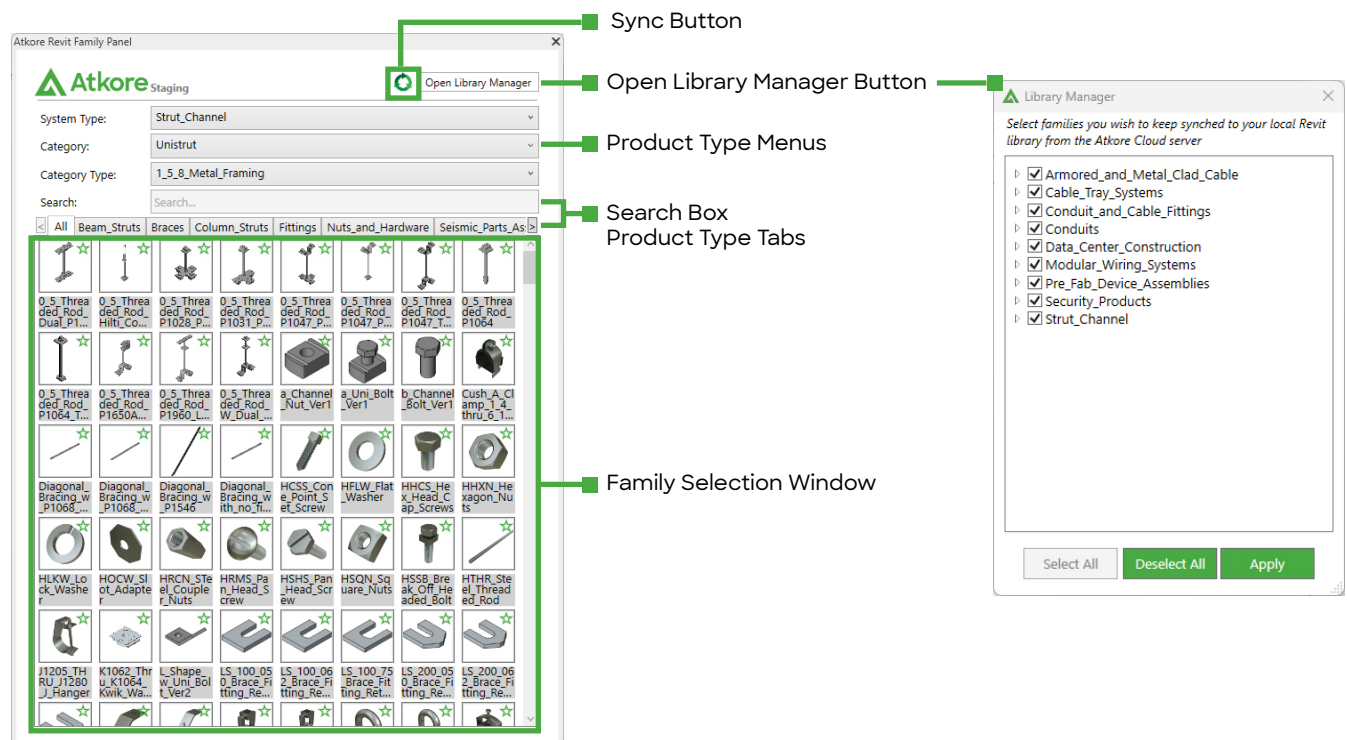
NOTE: North American (NA) - imperial; APAC and EMEA - metric

Family Management



The toolbar's Atkore Families function opens a dock-able panel within Revit, click the Atkore Families button to open the panel.

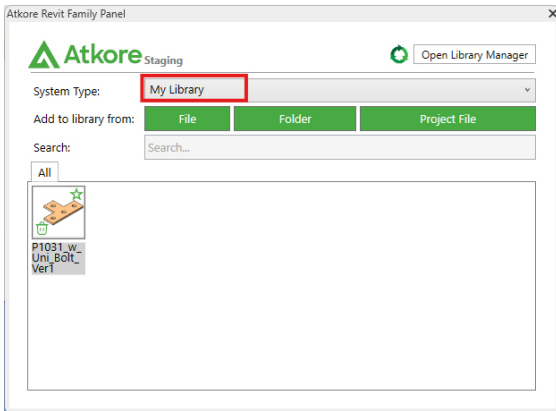
- Click the **Open Library Manager** button to uncheck products you are unlikely to use.
- Use menu drop-downs for filtering or search to locate products.
- Click on a family to load into the current Revit project.
- Right-click on a family to access catalogs and cut sheets directly.
- Use the **Sync** button periodically to ensure you have the most up-to-date and accurate information. We update families either by adding new products or by revising existing ones, based on user feedback or new product developments.



Custom Family Import: “My Library”

Easily import your own families into the panel from a file, folder, or project:

- Select My Library in the System Type menu within the Atkore Revit Family Panel.
- Use the File button to import a single Revit family file, the Folder button for all families in a folder, or the Project File button for a family from the current project.

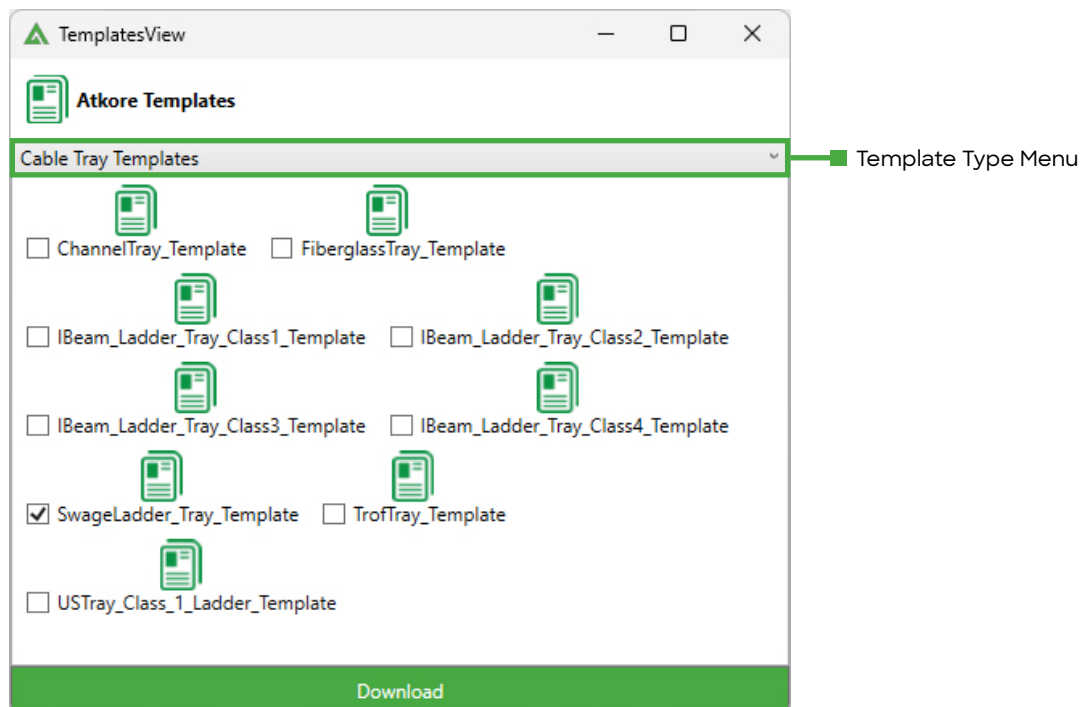


System Family Templates



Pre-made Atkore system family templates are readily available within the toolbar, offering examples of common fitting types that can be used immediately in projects.

- Click the **Atkore Templates** button to open the panel.
- Use the **Template Type Menu** to switch between different template types.
- Select the desired templates and click the **Download** button to save them to your local hard drive.
- After downloading, create a new project file using the template or copy the system families from the template to your current project.

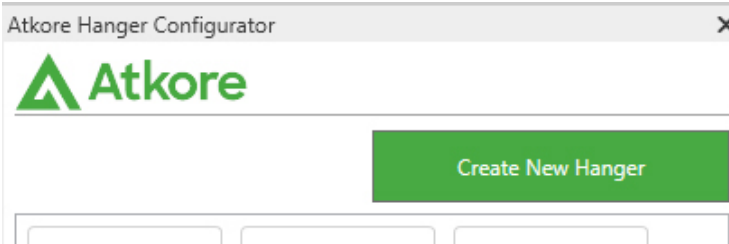


Hanger Configurator

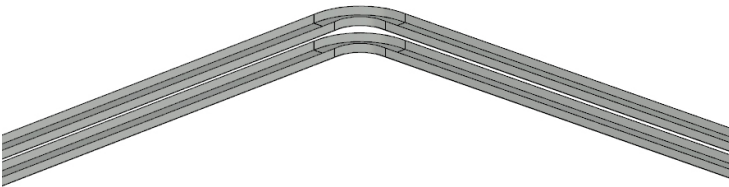


The Hanger Configurator provides highly customizable options for users to create and adjust trapeze hangers and fiberglass grid hangers. Users can modify hanger dimensions, channels, and upper fittings, while also generating detailed PDF Bill of Materials (BOM) reports and drawings. This feature also has series placement capability:

- Click the **Hanger Configurator** button to open the panel.

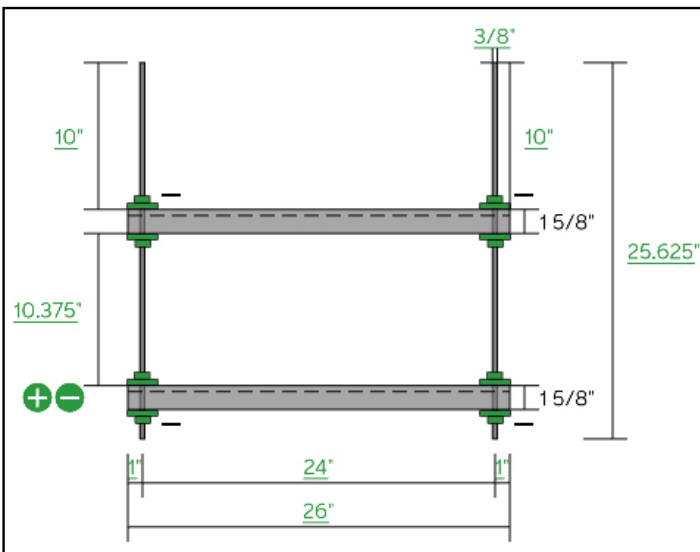


- Select cable tray, conduit, pipe, or duct runs and click **Create New Hanger**.



- Modify settings as needed and confirm.

NOTE: You can customize the green dimensions by clicking on them.



Total Height Dimension

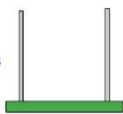
25.625 in

Cancel

OK

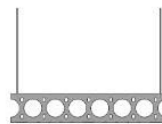
Select Trapeze Hanger Application

- ☒ Custom Trapeze / Multi-tiers
- ☐ Cable Tray
- ☐ Pipe / Conduit
- ☐ Duct



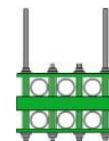
Conduit Trapeze

- ☐ Conduit Trapeze



Fiberglass Grid Hanger

- ☐ Pipe / Conduit



Custom Trapeze Hanger Configurator

Select and fill in all required fields below to generate a trapeze hanger model:

CHANNEL
ROD
FITTING

Specify Span

24 in

Total Channel Length

26 in

Channel 1 EDIT

Channel Type

P1000T

P3300T is recommended based on specified span, load & deflection

Select Channel Direction

UPWARDS DOWNWARDS

Channel 2 EDIT DELETE

Channel Type

P1000T

P3300T is recommended based on specified span, load & deflection

Select Channel Direction

UPWARDS DOWNWARDS

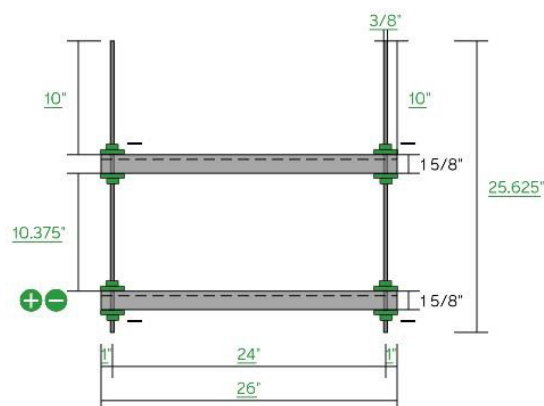
+ ADD CHANNEL

Rod >

Preferred Brand

Unistrut Power-Strut

Preview



*not to scale

DISCLAIMER: This tool is being provided for information purposes only and is intended only to assist purchasers with visual configuration, preparing bill of materials, modeling and pricing of Atkore products. User/Purchaser is responsible for design, product selection and review and approval by a qualified engineer. All purchases are subject to the terms and conditions available at [Atkore.com/Terms](https://www.atkore.com/Terms).

For any questions or requests contact atkoretoolbar@atkore.com

Confirm

- DOWNLOAD


×

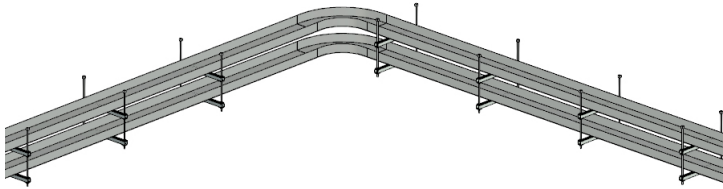
Hanger name

Atkore Custom Trapeze Hanger Thu Nov

Required

☒ [Terms and Conditions](#)

 Generate Revit Family



- Reuse hanger configurations within the same project and across different projects by selecting the saved hanger configuration from the **Hanger Configurator** panel and applying it to new locations.

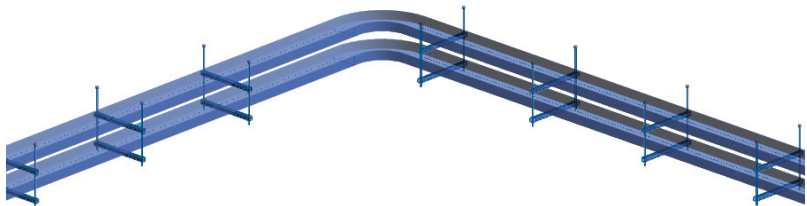


Automated Bill of Materials (BOM) Export



The BOM Export tool simplifies the generation of detailed material lists. With just a few clicks, users can export the BOM and hanger details in a zip file that includes Excel and PDF files listing all family names, parameters, and total quantities. This feature greatly reduces the time spent on material planning and helps ensure accuracy for procurement and project execution.

- Choose the elements for the BOM.



- Click the **BOM Export** button and select your desired action. Download BOM and Hangers, Get A Quote, or Edit Selection.

BOM Export

Selected elements

Name	Count	Channel
Cable Tray with Fittings: Channel Cable Tray	2	
Cable Tray with Fittings: Channel Cable Tray	2	
Channel Horizontal Bend: Standard	2	
Atkore Custom Trapeze Hanger Thu Nov 07 2024: Atkore Custom Trapeze Hanger Thu Nov 07 2024	7	2" - 2"

<div>

Download BOM and Hangers

Get A Quote

Edit Selection

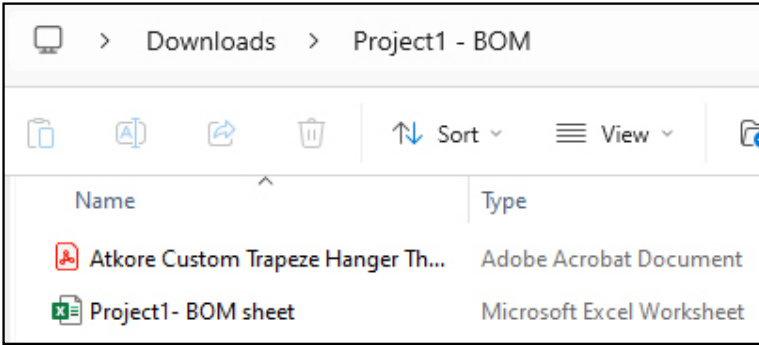
BOM Export


Selected elements

Cable Tray with Fittings: Channel Cable Tray	<div>4</div>	<div></div>
Channel Horizontal Bend: Standard	<div>2</div>	<div></div>
Atkore Custom Trapeze Hanger Thu Nov 07 2024: Atkore Custom Trapeze Hanger Thu Nov 07 2024	<div>7</div>	<div></div>

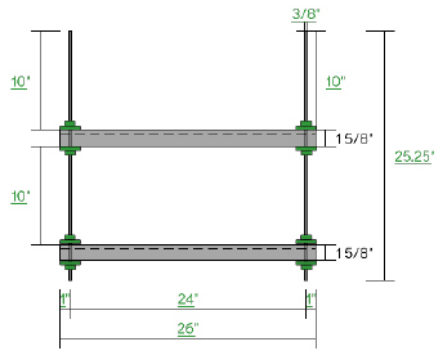
Next

- When you select **Download BOM and Hangers**, you will receive a zip file containing an Excel and a PDF file. Refer to the screenshots below for an example.





Date: 11/7/2024 Project name: -
 Atkore Salesperson #: - Project location: -
 Email: - Company: -
 Phone Number: - Name: -
 Email: -



Combined hangers

Hanger Quantity	Threaded rods length	P1000T strut length
7	353.5"	364"

Hanger Name: Atkore Custom Trapeze Hanger Thu Nov 07 2024

Hanger Type: Trapeze Hanger

Quantity: 7

Prefabrication: -

Comments:

Item	Description	Material	Length	Quantity
1	P1000T Unistrut Channel	Pre-Galvanized (PG)	26"	1
2	P1000T Unistrut Channel	Pre-Galvanized (PG)	26"	1
3	3/8" HTHR037 Threaded rod	EG	25.25"	2
4	Hex nut and square washers	EG	N/A	8

Date: 11/7/2024

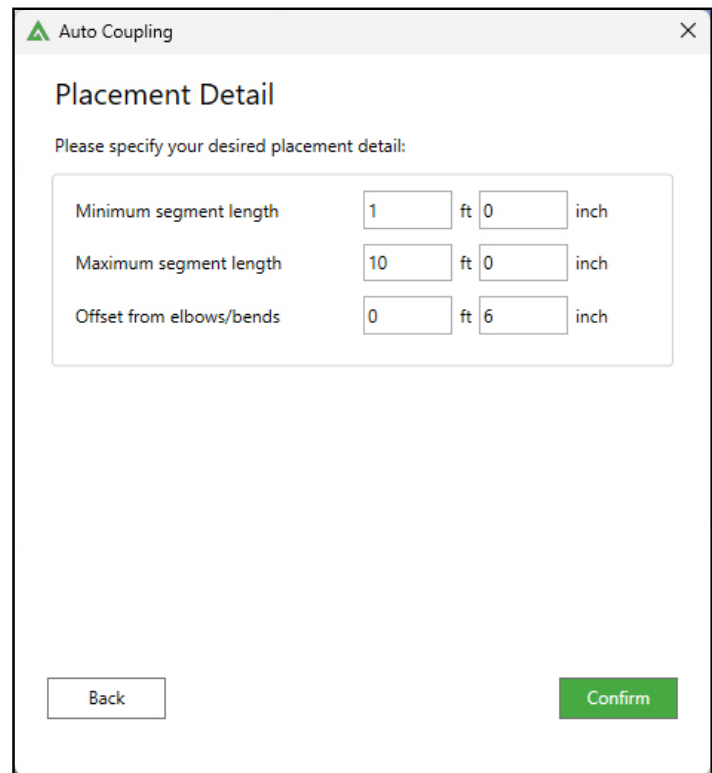
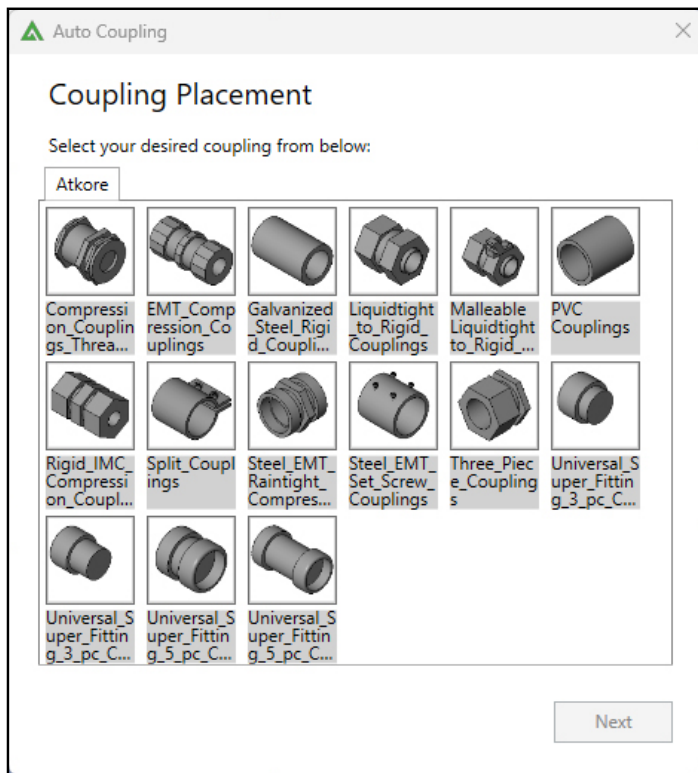
Project1						
Name	Count	Channel Length Row 1	Channel Length Row 2	Channel Type Row 1	Channel Type Row 2	Height
Cable Tray with Fittings: Channel Cable Tray	2					4"
Cable Tray with Fittings: Channel Cable Tray	2					4"
Channel Horizontal Bend: Standard	2					
Trapeze Hanger Thu Nov 07 2024: Atkore Custom Trapeze Hanger T	7	2' - 2"	2' - 2"	P1000T	P1000T	

Auto Coupling for Streamlined Conduit Design



The Auto Coupling feature is a time-saver, automatically generating and placing conduit couplings along segments or entire runs based on user-defined criteria, such as minimum and maximum segment lengths.

- Choose the Conduit Run for coupling placement.
- Click the Auto Coupling button.
- Choose a product and click Next.
- Adjust segment lengths and offsets, then Confirm.



Customer Feedback & Technical Support



The Atkore BIM toolbar provides a Contact button to offer customers a convenient way to connect with us:

- **Feedback:** Share your insights to help us improve the Atkore toolbar and digital content services.
- **Contact Sales or technical support:** Easily access your local sales representative's contact information.

We continuously update our digital tools and digital contents based on your feedback to provide the most efficient and user-friendly experience possible. Your opinions are invaluable to us, and we are dedicated to ensuring you have the support and resources needed for successful project completion.

Notes

[illegible]

Notes

[illegible]



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TOGETHER**

Atkore

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