Vertical installation clips for cable trays



Overview

Cable Tray Accessories | PohlCon – Partner from start to future.In addition to the covers, optional accessories in various materials and coatings are avail.

Key Takeaways

Vertical cable tray clips secure trays to supports, beams, or threaded rods, providing stable, adjustable, and load-rated mounting for ladder, trough, or H-beam trays.

Overview

Vertical installation clips are designed to hold cable trays in vertical orientations, such as on walls, structural beams, or in multi-level tray systems. They ensure proper alignment, prevent sagging, and accommodate thermal expansion. These clips are commonly used with ladder, trough, or H-beam style trays and can function as hold-downs, expansion guides, or hanger attachments.

Types of Vertical Clips

Single Hanger Clips

Attach a single tray flange to a support or threaded rod. Suitable for flange-out or flange-in trays. Materials: Zinc-plated steel, stainless steel (304/316), or aluminum.

Hardware: Typically requires 1/2" hanger rod, washers, and nuts (sold separately).

© 2026 AK OPTICAL SYSTEMS - All rights reserved

Double Hanger Clips

Designed for side-by-side trays, allowing one clip to secure two trays. Reduces hardware and installation time. Often used with 1/2" hanger rods.

Hold-

Down Clips / Expansion GuidesSecure trays to lower support channels or brackets. Can act as expansion guides to allow thermal movement. Compatible with ladder or trough trays.

Hardware: 3/8" or 1/2" bolts depending on tray width and clip type.

I-

Beam Mounting Clips

Attach trays directly to structural I-beams. Can be used with threaded rods for ceiling suspension. Electro-plated zinc or stainless steel for corrosion resistance.

Material and Load ConsiderationsZinc-Plated Steel: Good corrosion resistance, cost-effective, suitable for indoor or mild environments. Stainless Steel (304/316): High corrosion resistance, ideal for outdoor or harsh environments. Aluminum: Lightweight, corrosion-resistant, often used for ladder or trough trays.

Load capacities vary by clip type and tray width; heavy-duty hold-down clips can support up to 400–1,275 lbs depending on installation method and support.

Installation Tips

Ensure proper alignment of the tray before tightening clips. Use appropriate hardware (threaded rods, washers, nuts) as specified by the clip manufacturer. For thermal expansion, use expansion guide clips to prevent tray deformation.

Verify load ratings for vertical installations, especially for multi-level or heavy cable bundles. Sources for PurchaseMcMaster-Carr: Offers a wide range of vertical tray clips, hold-downs, and expansion guides. Platt Electric Supply: Provides single and double cable tray clamps for vertical and horizontal mounting.

M

P Husky: Heavy-duty hold-down and expansion clips for ladder and trough trays. Quest Manufacturing: I-beam mounting clips for vertical tray suspension.

AB

B / Franklin Empire: Adjustable and fixed vertical tray clamps for industrial applications. These clips are essential for safe, compliant, and durable vertical cable tray installations, ensuring proper support and alignment while accommodating cable loads and environmental conditions.

© 2026 AK OPTICAL SYSTEMS - All rights reserved

Article Content

Cable Tray Accessories | PohlCon – Partner from start to future.

In addition to the covers, optional accessories in various materials and coatings are available to supplement the cable support system, e.g. gutter connectors, connecting plates, separating strips

Cable Support Distances

The cable should not be allowed to have a straight vertical run without the addition of a tension relieving section. This normally involves the cable having a short horizontal section (at least 1 metre) included

Cable Tray Accessories, Cable Tray Hangers & Support | RS

These fittings are used in conjunction with cable trays to support cables in ventilation holes, assist with directional change of piping systems, and aid cable channelling around obstacles.

Cable Tray Clips | McMaster-Carr

Choose from our selection of cable tray clips in a wide range of styles and sizes. Same and Next Day Delivery.

Cable Tray Accessories | McMaster-Carr

Choose from our selection of cable tray accessories, including cable and hose trays, steel formable cable and hose trays, and more. Same and Next Day Delivery.

Beama Best Practice Guide | Installation Of The System | Cable ...

The following recommendations are intended to be a practical guide to ensure the safe and proper installation of cable ladder and cable tray systems and channel support and other support systems.

Cable Support Distances

Note 3: This regulation precludes, for example, the use of non-metallic cable clips or cable ties as the sole means of support where cables are clipped direct to exposed surfaces or suspended under

Mesh cable tray systems

4 1 Product description OBO mesh cable tray systems stand out through their high load capacity and good ventilation. They can be used universally. The mesh cable trays are suitable for the installation

Cable Tray And Fittings | Graybar Store

© 2026 AK OPTICAL SYSTEMS - All rights reserved

Shop Our Inventory Of Cable Tray And Fittings Online. Graybar Is Your Trusted Distributor For Conduit, Raceway And Cable Support.

Best Practice Guide to Cable Ladder and Cable Tray Systems

Introduction This publication is intended as a practical guide for the proper and safe* installation of cable ladder systems, cable tray systems, channel support systems and associated supports.

Cable Tray Accessories, Support Bracket, Fittings & More

Explore cable tray accessories, from brackets and hangers to supports and fittings. Learn about their applications and benefits for cable management.

Guide to cable support systems

The mesh cable trays are suitable for the installation of power cables and cables in various areas of application. The grid spacings mean that cables can be inserted and run out in various directions.

Decoding Cable Tray Support Structures: Tips and Insights

Discover efficient cable tray support structures for optimal cable management. Learn about hanger, wall-mounted, and Unistrut systems for safer

Cable Tray Accessories, Cable Tray Hangers & Support | RS

What types of cable tray accessories are there? There are several different types of cable tray accessories, which are available in heavy-duty, medium-duty, or light-duty strengths. The type of

Cable Tray Technical Guide A practical guide to product selection and ...

A practical guide to product selection and installation This guide for engineers and installers has been developed by ABB as a practical reference regarding cable tray characteristics, installation, and

CABLE TRAY I-BEAM MOUNTING CLIP – Quest

• Ideal for mounting cable tray from structural I-beams • Attach to threaded rods for hanging cable trays from ceiling • Sturdy design for heavy load weights •

Cable Tray Accessories | McMaster-Carr

Hanging clips attach to the sides of a tray to suspend it from 1/4 "-20 or 3/8 "-16 threaded rod. Threaded rod, two nuts, and two washers are required for each clip and are not included.

13193_1707_TNB_GM7784_CT Cable tray combo clamp PS dd

© 2026 AK OPTICAL SYSTEMS - All rights reserved

In addition to the dual hold-down and expansion functions, the clamp offers increased pull resistance for vertical applications. The anti-rotation design holds the clamp in place when tightening. The clamp

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: https://aboutkitchens.biz
Technical inquiry: https://aboutkitchens.biz/project-desk.html
North American project location: Research Triangle Park, North Carolina, United States

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 AK OPTICAL SYSTEMS - All rights reserved