



The support you rely on.

Mechanical products and services overview.



Powering Business Worldwide

The support you rely on.

Improving efficiency and safety during installation with maximum return on investment.

Innovative, time-saving solutions get the job done fast and offer the lowest overall installed costs

Our primary focus is to deliver innovative product solutions that offer faster installation that in turn can help lower your installation costs. We are proud to say that we're consistently able to help provide our customers with the lowest total cost solution compared to other methods.

Quality and craftsmanship mean our products are built to last

At Eaton, we are proud of the demanding standards of research, design, engineering and manufacturing that go into every one of our products. We are a leading ISO Certified 9001:2008 manufacturer of support systems for good reason: our products are of the highest quality, so you can rely on them for years of dependable service. Exceptional quality and value – that's what our customers have come to expect.

Thousands of products to meet virtually any need

You can rely on Eaton for one of the broadest range of B-Line series support systems in the industry. We offer architects, engineers, contractors and others complete solutions for supporting and protecting your building infrastructure systems. With more than 60 years of organizational and operational excellence, we have earned our customers' trust while becoming the one-stop provider of resources, expertise and innovative products that also result in the lowest total cost solution.

Engineering services

We offer engineering services to support project sales, pre-bid support, layout and design, stamped calculations, engineered solutions and installation certification.

eTools to help make your job easier

CoSPEC™ Specifier Center — Our goal is to be a leading provider of information and resources to design and engineering professionals engaged in the design, construction, and maintenance of engineered MEP&T facility subsystems globally. That is why we developed the CoSPEC Specifier Center – a one-stop design resource for our products. With nearly 100 different CAD, BIM, and graphic formats, customers can easily select, view and download our products in 2D and 3D. www.Eaton.com/CoSPEC

Design Center — Our Design Center allows you to access AutoCAD® details and other CAD formats, install various design software programs, download specifications, view issues from our Technical Paper Series and utilize various calculation programs.

www.Eaton.com

TOLBrace™ — Our user-friendly software assists designers to evaluate seismic brace orientations, structural attachments and calculate appropriate load capacities for fire sprinkler systems. TOLBrace also creates a complete submittal package, in conformance with NFPA, UL, FM, OSHPD, IBC or CBC.

www.tolbrace.com

For more information, visit www.Eaton.com/b-lineseries.



Strut System Solution

- Complete line of strut and strut fittings
- Unlike other offerings, our products are manufactured with structural grade steel
- Full traceability with brand stamping every 18 inches, including part number, material number and heat code number
- Roll to length strut
- Miter cutting and radius capabilities
- Special packaging and bundling
- Dura Green™ finish



Innovative, time-saving solutions

Traditional strut systems

The system includes a full line of solid, slotted hole (SH) and long slotted hole (S) channel, and other hole patterns, as well as full line of fittings, clamps and beam supports. The system is available in wide variety of materials and finishes including pre-galvanized, stainless steel, hot dip galvanized, Dura Green™ paint and other paints.



www.Eaton.com/strutsystems.

4Dimension™ strut systems

Eaton's 4Dimension™ strut system changes how installers build and install support systems. These revolutionary strut profile designs and innovative accessories help installers compress project schedules and cut costs without sacrificing load while increasing configuration flexibility. With multi-sided functionality, the 4Dimension strut system delivers up to 50% savings on materials and installation time.



www.Eaton.com/4Dimension.

Buzznut™ slip on lock nut washer

- Combination design reduces on-site material handling
- Can be easily removed and adjusted
- Replaces jam nuts in high vibratory applications
- Load capacities similar to all threaded rod
- Available in Zinc Plated or 316 stainless steel



Combo nut washer

- Helps reduce overall installation time
- Combination design reduces the number of parts
- Serrated flange negates the need for a flat washer
- Allows for easy adjustment when installed in channel
- Provides quick attachment for threaded rod
- Able to install using just one hand



Pre-assembled fittings

- Combination design reduces the number of parts to handle and purchase
- Allows for easy adjustment when installed in channel
- Channel nuts and bolts have locking liquid applied (takes 5 ft./lbs. of torque to loosen)
- Helps eliminate spring protruding through bottom of slotted channel
- Helps reduce installation time



Services offered

- Sales engineering support
- Take-off services
- CoSPEC™ Specifier Center
- Roll to length strut

For more information, visit www.Eaton.com/strutsystems.

Tolco™ Seismic Bracing Solution



**Don't leave your compliance to chance.
Rely on us for support from bid to inspection.**

Pre-bid to system design support

Codes and requirements differ from location per project. Our seismic experts understand the codes and can help support customers in the pre-bid process. In fact, the earlier our customers engage us in the process, the earlier we can start reviewing the project to provide a solution that complies with the building code and project specifications. Our knowledgeable team will also work to find the lowest installed cost solution through the utilization of our labor-saving seismic bracing products.

Advantages

- 45+ years of seismic bracing experience
- Vibration Isolation products and engineering
- Lowest total installed cost solution
- Knowledgeable seismic engineers and staff
- Professional engineer certification
- Project management assistance
- Patented TOLCO seismic bracing products
- Products that meet or exceed codes & certifications: OSHPD Approved, NFPA, UL Listed, FM Approved
- One-source solution for seismic bracing, cable tray, pipe hangers, vibration isolation, strut systems and fasteners

Services

- Detailed review of project requirements
- Complete quote for products and services
- Structural engineering recommendations
- Seismic force calculations
- Seismic restraint layout for utilities
- BIM modeling
- Seismic design layouts
- Point of load analysis ("halo drawing")
- Full submittal package for final approval
- Plan revisions as needed

Product & installation support

Eaton's seismic experts will work to establish the lowest total installed cost, so that customers can know that they have the right products at the right time for their installation and inspection. Eaton's TOLCO seismic bracing products inherent labor and time-saving features are designed to help speed the process of installation. Many of the TOLCO seismic bracing products allow for universal applications, reducing the number of SKU's required on the job-site. And with built-in visual verification features of the TOLCO seismic bracing products, the installer can be assured that they have properly installed the product, and inspectors can easily be assured of correct installation torque without the use of a torque wrench.

Advantages

- Universal application reduce the number of SKU's on the job-site
- Seismic rated vibration isolation products
- Visual verification features help ensure proper installation and inspection
- Patented labor and time-saving TOLCO seismic bracing products
- One-source solution for seismic bracing, cable tray, pipe hangers, vibration isolation, strut systems and fasteners

Services

- Installation manuals
- Detailed drawings and layouts
- Packaged and labeled products for room to room/floor to floor installation
- Project management assistance
- Sales engineer support

Inspection & after sale support

Our seismic experts are available before, during and after the sale. And at the most critical point of the project, we are available to support the project with on-site visits and inspection support.

Advantages & services

- Certified installations
- Visual verification features help ensure proper installation
- Sales engineer job-site visits
- Project management support
- Peace of mind

For more information, visit www.tolco.com.

Pipe Hanger Solution

- Complete line of pipe hangers and supports
- Stainless steel, plain, Dura-Copper™, galvanized, zinc, hot dip galvanized, Dura Green™ and Fiberglass
- Most manufactured in our U.S. facilities
- Complete fire protection solution

Innovative, time-saving solutions



Snap 'N Shield™ Solution

- Certification: UL classified for USA (UL-723 (ASTM E 84) and ULC listed for Canada (ULC-S102.2). Meets UL94 HB flammability standards
- Fast, easy installation - snaps into clevis hangers or channel, no tools required
- Integrated slots for liquid line tie wraps
- Snap-on design helps eliminate shield movement, helping prevent insulation damage that can lead to costly leaks
- Optional magnetic shock detection device
- Snap on design helps eliminate shield movement, helping prevent insulation damage



Snap 'n Shield



Strut Mounted

www.Eaton.com/snap-n-shield

Clevis Hanger Slide-Rite™ Design Feature



- Unique design of the upper portion of the hanger constrains swivel of the hanger bottom making installation easier
- Design aligns bolts for quicker overhead installation

Sales Engineering Support

- Made to order hangers - special sizes and finishes are available upon request
- CoSPEC™ Specifier Center

Kwik-Clip™ Mounting Clip

- One piece design helps reduce installation time; no tools or hardware required to install
- Non-metallic design eliminates metal-to-metal contact which helps prevent galvanic corrosion
- Working temperature range of -40°F to +275°F
- Meets UL2043 requirements for plenum rating and UL94 HB flame rating



CPVC Solutions

- Support CPVC and Steel piping in different orientations as a support, guide, or surge restraint
- Beveled edges eliminate potential for pipe damage
- No sharp edges and no compressive loading on the fitting which allow the pipe to expand and contract safely
- Single fastener point simplifies installation



Vibration Isolation Pads

- Various sizes and thickness and materials, to isolate equipment and panel boards from vibration
- Non-skid: Thread surfaces resist walking
- Durable: Material is ozone resistant Neoprene rubber blend and cork
- Easy cut pad can be field adjusted to varying sizes, custom fit sizes on the job site



For more information, visit www.Eaton.com/pipe-hangers.

For more information, visit
www.eaton.com/mechanical

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