

TOLCO™ fire protection solutions





We make what matters work.*

* At Eaton, we believe that power is a fundamental part of just about everything people do. That's why we're dedicated to helping our customers find new ways to manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. To improve people's lives, the communities where we live and work, and the planet our future generations depend upon. Because this what really matters. And we're here to make sure it works.

EATON

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We make what matters work.

For over 45 years, the TOLCO™ brand has been synonymous with innovative, labor saving pipe hanger and seismic bracing solutions for the fire protection industry.

Products & Services

- TOLBrace™ Seismic Bracing Calculation Software
- One of the broadest lines of pipe hangers, strut and seismic bracing in the industry

Fire Protection Team

Our Fire Protection team actively participates in the fire protection industry, including:

- Membership in the NFPA Technical Committee on Hanging and Bracing of Water Based Automatic Fire Sprinkler Systems
- MSS 403 Standards Committee for Pipe Hanging and Seismic Bracing

Product Certifications

Many of the products shown in this catalog are certified with the following:

- Listed by Underwriters Laboratories (UL) in U.S. and Canada
- Factory Mutual Engineering Approved (FM)
- Pre-approved by the State of California, Office of Statewide Health, Planning and Development (OSHPD) as shown in our OPM-0052-13 Seismic Restraint Systems Guidelines

This catalog is intended to aid design engineers, specifying engineers, Authorities Having Jurisdiction (AHJs) and others seeking solutions to their pipe support and seismic bracing system installations and design challenges.

For more information on B-Line series pipe hangers and supports, and TOLCO seismic bracing solutions utilized in other applications, such as mechanical or plumbing systems, please refer to our Pipe Hangers & Supports and Strut Systems catalogs, and the State of California OSHPD Pre-Approved Seismic Restraint Systems Guidelines OPM-0052-13. These resources and other valuable information can be found online at www.eaton.com/tolco.

For additional support, contact your TOLCO seismic bracing specialist at, tolcosupport@eaton.com

WARNING

All hanger products in this catalog should be installed and serviced only as illustrated or described. Do not use them for any purpose other than those described in this catalog. Products that are used for unintended purposes could fail, resulting in severe personal injury or death.

Examples of misapplications which could cause severe personal injury or death include, but are not limited to:

- Using a beam clamp on a beam other than those described in the catalog;
- Using concrete inserts as anchors for pulling pipe up to the required elevation;
- Suspending clevis hangers, one under another, which could result in an accumulative load that is greater than that which the pipe hanger will support.

Eaton B-Line series pipe hanger and support products are manufactured in accordance with industry standards. Our customers should exercise care in using these products properly as to avoid potential damage or injury. Contact us if you have any questions about proper installation and use of the products in this catalog.

NOTICE

Eaton reserves the right to change the specifications, materials, equipment, prices or the availability of products at any time without prior notice. While every effort has been made to assure the accuracy of information contained in this catalog at the time of publication, Eaton is not responsible for inaccuracies resulting from undetected errors or omissions.



Manufacturers Standardization
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










ISO 9001:2008



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† Mark shown in this document is the property of its respective owner.

**TOLCO Fig. 24 - Hanger for CPVC Plastic Pipe & IPS Steel Pipe
Double Fastener Strap Side Mounted (B-Line B3183)**



Size Range: 3/4" (20mm) thru 2" (50mm) CPVC pipe

Material: Pre-Galvanized Steel

Function: Intended to perform as a hanger to support CPVC piping used in automatic fire sprinkler systems. Can be installed on the top or on the bottom of a beam.

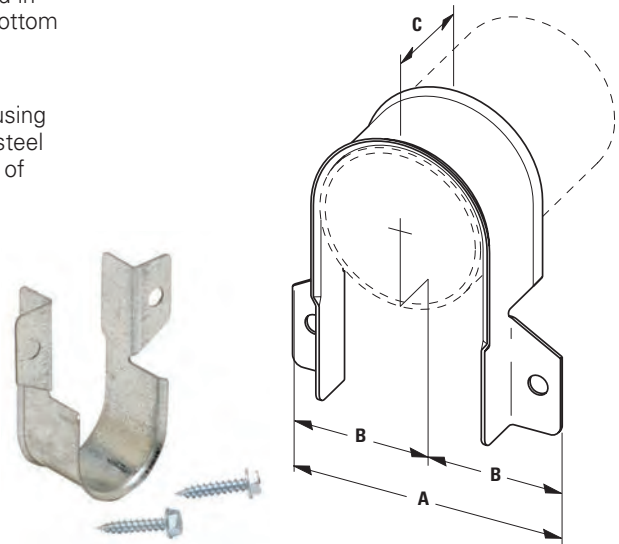
Approvals: Underwriters Laboratories Listed in the USA (UL) and Canada (cUL) to support fire sprinkler piping. May be installed in wood using fasteners supplied with product, or into minimum 20 gauge (0.912mm) steel using (2) 1/4" x 1" tek type screws. Meets and exceeds the requirements of NFPA 13, 13R and 13D.

Features: Fig. 24 incorporates features which protect the pipe and ease installation. The flared edge design protects the CPVC pipe from any rough surface. Easily attaches to the building structure using the two UL Listed hex head self threading screws* furnished with the product. It is recommended that rechargeable electric drills fitted with a hex socket attachment be used as installation tools. No impact tools (such as a hammer) are allowed. Damage has been known to result from installations using impact type tools. No pre-drilling of a pilot hole in wood is required.

Finish: Pre-Galvanized

Order By: Figure number and pipe size

* Hardened hex head self threading screw is furnished with the product and is the minimum fastener size acceptable.



Part No.	CPVC Pipe Size in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	Max. Hanger Spacing Ft. (m)	Fastener Hex Head Size in. (mm)	Approx. Wt./100 Lbs. (kg)
24-3/4	3/4" (20)	2 ⁵ / ₁₆ " (58.7)	1 ⁵ / ₃₂ " (27.8)	1 ³ / ₁₆ " (30.2)	5 1/2 (1.67)	5/16" (7.9)	9 (4.1)
24-1	1" (25)	2 ⁵ / ₈ " (66.7)	1 ⁵ / ₁₆ " (33.3)	1 ³ / ₁₆ " (30.2)	6 (1.83)	5/16" (7.9)	9 (4.1)
24-1 1/4	1 1/4" (32)	3" (76.2)	1 1/2" (38.1)	1 ³ / ₁₆ " (30.2)	6 1/2 (1.98)	5/16" (7.9)	11 (5.0)
24-1 1/2	1 1/2" (40)	3 1/4" (82.5)	1 ⁵ / ₈ " (42.3)	1 ³ / ₁₆ " (30.2)	7 (2.13)	5/16" (7.9)	12 (5.4)
24-2	2" (50)	3 11/16" (93.7)	1 ²⁷ / ₃₂ " (43.6)	1 ³ / ₁₆ " (30.2)	8 (2.44)	5/16" (7.9)	15 (6.8)

Reduced Spacing For IPS Pipe

Part No.	IPS Pipe Size in. (mm)	Max. Hanger Spacing Ft. (m)
24-3/4	3/4" (20)	1'-9" (1.67)
24-1	1" (25)	1'-10" (1.83)
24-1 1/4	1 1/4" (32)	2-4" (1.98)
24-1 1/2	1 1/2" (40)	2-9" (2.13)
24-2	2" (50)	3-6" (2.44)

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.