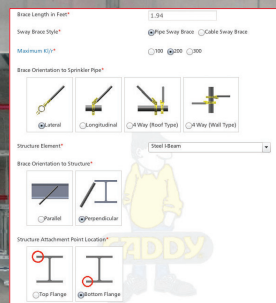


# Bracing Systems Calculator

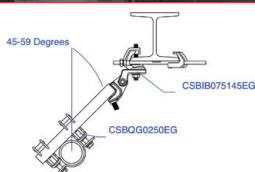
Now it's easier than ever to select the correct bracing products for use in fire protection applications. nVent has unveiled the Bracing Systems Calculator, a new web-based calculator which allows users to create and save designs for multiple projects while providing the necessary submittal forms. This time-saving calculator simplifies the selection of products and provides the necessary engineering calculations – providing a complete solution to support rigid bracing, cable bracing and branch line restraints.

## FEATURES

- No installation needed – access via a current web browser
- Offers dynamic design preview and uses visual design tools
- Generates a complete submittal and project materials list
- Create, manage, and re-use designs
- Supports NFPA® 13 including 2013 ed., IBC® and other building codes



## Visual Design Tools



## Dynamic Design Preview

The image displays three overlapping screenshots of the calculator's output. The leftmost screenshot is the 'Materials List' showing a table of parts and quantities. The middle screenshot is the 'Branch Line Restraint Submittal' showing a technical drawing of a branch line restraint with dimensions and a 45-degree angle. The rightmost screenshot is the 'Seismic Brace Submittal' showing a table of calculations for seismic bracing, including a table of 'Seismic System Bracing (200) User Calculation' and a table of 'Seismic Brace Submittal'.

Materials List

Branch Line Restraint Submittal

Seismic Brace Submittal

nVent is trusted for developing innovative and time-saving products for the fire and sprinkler bracing market. To request access to the Bracing Systems Calculator, contact your local nVent representative or visit [nVent.com/CADDY](http://nVent.com/CADDY)

# Hardware



Hardware

# Hardware

## EM-HEX ROD COUPLER

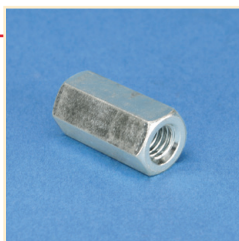


**Material:** Steel  
**Finish:** Electrogalvanized

Part Number	Description	F ↓
0250025EG	1/4" Rod	240 lb
0250037EG	3/8" Rod	610 lb
0250050EG	1/2" Rod	1,130 lb
0250062EG	5/8" Rod	1,810 lb
0250075EG	3/4" Rod	2,710 lb
0250087EG	7/8" Rod	3,770 lb

## 25R HEX ROD REDUCER

- Threaded rod reducing coupling



**Material:** Steel  
**Finish:** Electrogalvanized

Part Number	Description	F ↓
025R3725EG	3/8" Rod 1, 1/4" Rod 2	240 lb
025R5037EG	1/2" Rod 1, 3/8" Rod 2	610 lb
025R6250EG	5/8" Rod 1, 1/2" Rod 2	1,130 lb

Never use smaller rod sizes than the minimum rod sizes defined by applicable code.