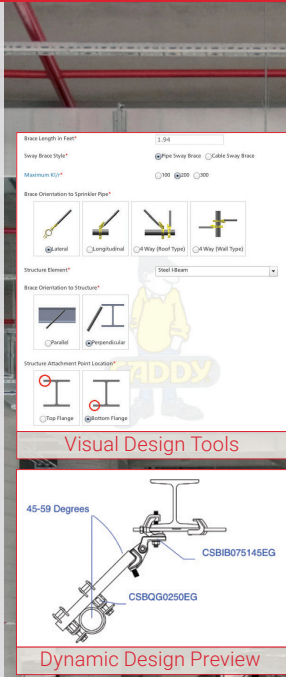


Bracing Systems Calculator

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



The three screenshots show the calculator's output for a project in Napa, CA.

- Materials List:** A table listing items such as 'Steel I-beam', 'Cable Sway Brace', and 'Cable Sway Brace' with their respective quantities.
- Branch Line Restraint Submittal:** A technical drawing showing a branch line restraint connection with a 45-degree angle. It includes a table of material specifications and a signature line for an engineer.
- Seismic Brace Submittal:** A detailed technical drawing of a seismic brace connection at a 45-degree angle. It includes a table of material specifications and a signature line for an engineer.

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

Hardware



Hardware

Hardware

HEX HEAD BOLT

- Fully threaded hexagon head bolt



Material: Steel

Finish: Electrogalvanized

Part Number	Description
HSCR3707EG	EG, 3/8" Screw, 3/4" Screw Length
HSCR3710EG	EG, 3/8" Screw, 1" Screw Length
HSCR3712EG	EG, 3/8" Screw, 1 1/4" Screw Length
HSCR3715EG	EG, 3/8" Screw, 1 1/2" Screw Length
HSCR3720EG	EG, 3/8" Screw, 2" Screw Length
HSCR5010EG	EG, 1/2" Screw, 1" Screw Length
HSCR5012EG	EG, 1/2" Screw, 1 1/4" Screw Length
HSCR5015EG	EG, 1/2" Screw, 1 1/2" Screw Length
HSCR5020EG	EG, 1/2" Screw, 2" Screw Length

HEX NUT



Material: Steel

Part Number	Description
Finish: Electrogalvanized	
0100025EG	EG, 1/4" Rod
0100037EG	EG, 3/8" Rod
0100050EG	EG, 1/2" Rod
0100062EG	EG, 5/8" Rod
0100075EG	EG, 3/4" Rod
0100087EG	EG, 7/8" Rod
Finish: Plain	
0100025PL	1/4" Rod
0100037PL	3/8" Rod
0100050PL	1/2" Rod
0100062PL	5/8" Rod
0100075PL	3/4" Rod
0100087PL	7/8" Rod