TOLBrace™ Software

Software for Seismic Bracing of Fire Sprinkler Systems
TOLBrace™ software advantages

- An invaluable tool for Engineers/Designers, Plan Reviewers, and Fire Authorities to calculate the zone of influence for fire sprinkler systems
- Simple to use, step-by-step approach
- No internet connection required to use. Automatically updates available over the internet when software updates are released.
- Calculates correct bracing loads per:
  - NFPA 13 Guidelines
  - ASCE 7
  - FM Data Sheets
  - OSHPD
  - Easy to read printout formatted like the NFPA worksheet
TOLBrace™ software advantages

• Easy to follow Ss breakdown
• Evaluates brace orientation, structural attachments and fasteners
• Print out complete report with appropriate bracing details or generate tiff files for CAD use
• Generate complete Bill of Materials for material pricing
• Available in Spanish, Japanese, Korean and English language formats
• Exclusively for use with Eaton’s TOLCO™ products
TOLBrace™ software — Step #1

Enter your company’s information
TOLBrace™ software — Step #2

• Click language button to choose between English, Japanese, Korean or Spanish

• Input your project information and press “New” to begin your first brace.
TOLBrace™ software — Step #3

- Input Brace Description
- Select a brace type A through I, which defines the orientation of the fastener and the angle of the brace, per NFPA 13
TOLBrace™ software 8.0 — Step #4

- Enter length to define maximum brace spacing
- For lateral brace calculations, enter pipe data of all pipe within the zone of influence
TOLBrace™ software — Step #5

- Select brace material
- Adjust slenderness ratio by selecting, 100, 200 or 300 to adjust load and allowable brace length
TOLBrace™ software — Step #6

- Select the upper sway brace attachment
- Select the attachment to the system pipe
TOLBrace™ software — Step #7

- Select fastener type
- Select specific fastener from drop down list
- Type a brief description of the structure type

Note: TOLBrace will only show the fasteners that have a capacity to support the calculated load in the zone of influence
TOLBrace™ software 8.0 — Step #8

- Completed Submittal sheet following the NFPA 13 standard format
- Includes all project information
- All components with load adjusted for angle of brace
- Detail of assembly with call outs
- Ability to go back to each section to edit if changes are required
- Can select branch line restraint details by clicking “Select End of Branch Line Details”
- Click to save
TOLBrace™ software — Step #9

- Select branch line restraint detail(s)
TOLBrace™ software — Step #10

- Click to create Tiff file or print to PDF format
- Click “Summary” to launch Bill of Materials generator
TOLBrace™ software — Step #11

- Enter Quantity of Braces and then Click Launch BOM to generate an Excel sheet with a list of material and list pricing
Contact Us for More Information

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