FLEXIBLE SPRINKLER DROPS

BRACKETS

G5 SHORTY BRACKET



Product Overview

The GemFlex G5 Shorty Bracket is a low-profile support bracket designed for flexible sprinkler systems in tight ceiling spaces. Its compact T-bar design minimizes clearance requirements, with a total height of just 5.5 inches when paired with a 90° elbow, making it ideal for congested plenums and retrofit applications.

Featuring an adjustable end for field sizing, a front-loading center bracket for post-hydrostatic-test installation, and a quick open-gate snap system for secure, tool-free assembly, the G5 Shorty Bracket simplifies installation while maintaining reliable performance. Constructed from zinc-plated ASTM A-366 steel, it delivers long-lasting durability, corrosion resistance, and dependable support for code-compliant fire protection installations.

FM APPROVED

Specifications

Housing

ASTM A-336

Tolerance

± 0.3

Thickness

2.0mm, ± 0.05mm

Spec.

Zinc Plated

Coating Durability

No indication of peeling

Anti-Corrosion

No indication of corrosion with salt spray test.

Key Benefits

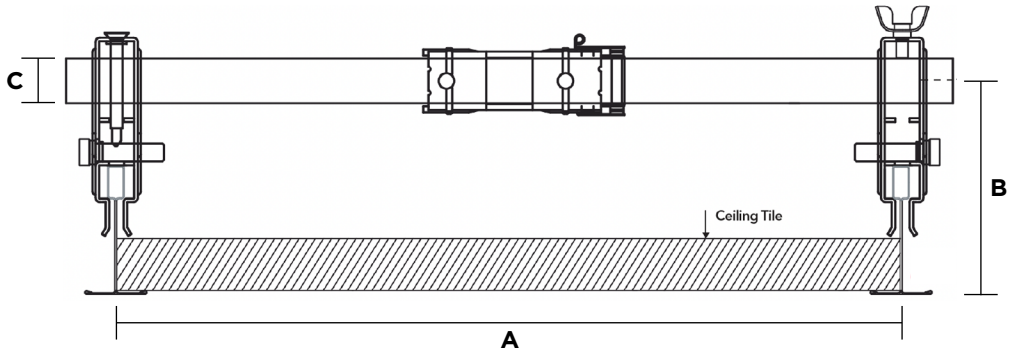
- Low-profile design ideal for tight ceiling spaces.
- Only 5.5" total height when used with a 90° elbow.
- Adjustable end for easy field customization.
- Front-loading center bracket supports post-hydrostatic-test installation
- Quick open-gate snap system for fast, tool-free assembly
- Durable zinc-plated ASTM A-366 steel construction
- Corrosion-resistant finish for long-term performance

PROJECT INFORMATION	APPROVAL STAMP
Project:	☐ **Approved**
Address:	☐ **Approved as noted**
Contractor:	☐ **Not approved**
Engineer:	**Remarks:**
Submittal Date:	
Notes 1:	
Notes 2:	

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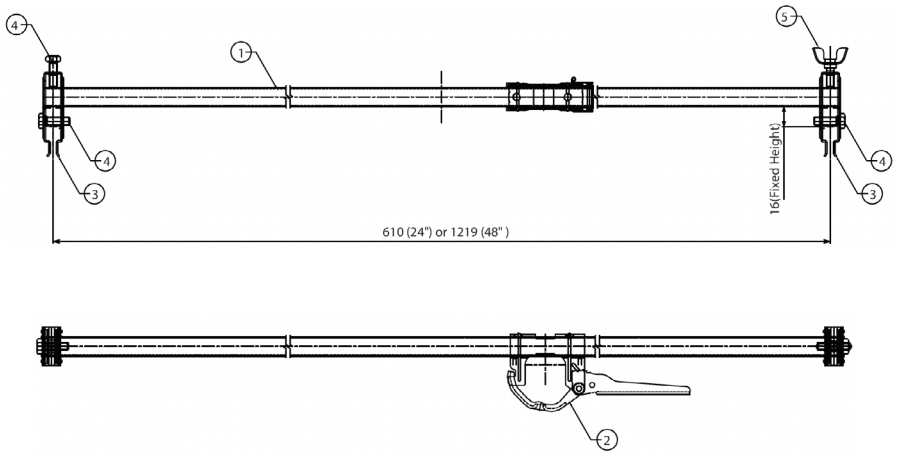
G5 SHORTY BRACKET



KEY LEGEND	
#	Size
1	Stock Bar
2	Center Bracket
3	Bracket
4	Bolt - B
5	Wing Bolt - C

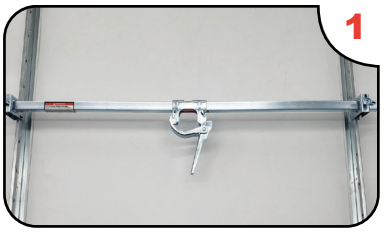
GEMFLEX G5 SHORTY BRACKET					
Part Number	Size (in.)	Dimensions (in.)			Weight (lbs.)
		A	B	C	
450-100-09037	24	24"	2.6"	0.6"	1.10
450-100-09038	48	48"	2.6"	0.6"	2.05

Note: Screw tightening torque shall be as noted on Page 4 Installation Instructions.



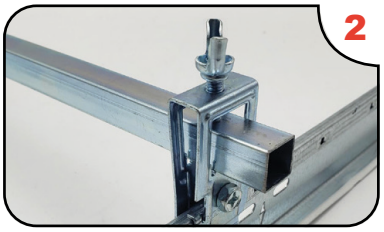
INSTALLATION INSTRUCTIONS

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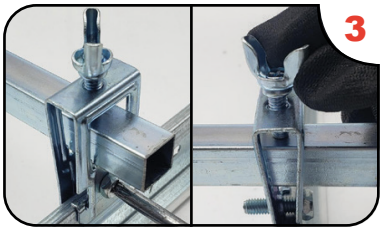
Step 1

Position the G5 bracket on the ceiling grid at the desired location. If the spacing between the T-bar grids is not exactly 24”, loosen the wing bolt and lever on the adjustable end bracket, then modify the width accordingly.



Step 2

Firmly press the bracket down onto the T-bar grid, ensuring that the bracket leg is fully seated on the grid with no gaps or spacing.



Step 3

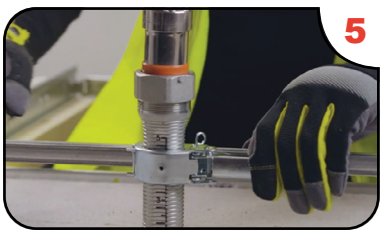
Secure both end brackets to the ceiling grid by tightening the hex bolts. Tighten the upper wing bolt on the adjustable end bracket.

Recommended tightening torque:
- **Hex bolts: 1.70 - 1.77 ft-lbs**
- **Wing bolt: 1.40 - 1.48 ft-lbs**



Step 4

Press the release pin to open the center bracket. Position the flexible hose at the correct height according to the specific sprinkler head type. Close the center bracket gate from left to right, then push the lever firmly toward the stock bar until it clicks, securing the outlet reducer in place.



Step 5

Confirm the location marking on the outlet reducer and ensure it aligns with the designated outlet positions for all remaining sprinkler head installations.

For more information
Learn more about GemFlex's G5 Shorty Bracket and other products available by visiting www.gemflex.com

GemFlex
1040 Broadway
Westville, New Jersey 08093

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