

**GENERAL INFORMATION**

**BRIDGE BAR**

Bang-It+ Bridge Bar Steel Deck Inserts

**PRODUCT DESCRIPTION**

The Bridge Bar allows for optional placement of Bang-It+ inserts through the flute incline or positioned over the lower flute of steel deck profiles.

**GENERAL APPLICATIONS AND USES**

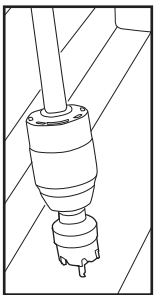
- Provides a method to mount Bang-It+ inserts at approximately the same height across the tops of metal deck
- Hanging conduits and lighting systems
- Supports for mechanical utility lines, HVAC ductwork and strut channels
- Hanging pipe and sprinkler systems, suspending trapeze and cable trays

**FEATURES AND BENEFITS**

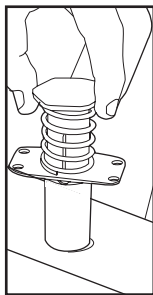
- + Used with any size and style Bang-It+ inserts (i.e. push-in thread, single and multi thread)
- + Attaches into steel deck with self-drilling screws and considered for use in many orientations to enable different options for placement

**INSTALLATION INSTRUCTIONS**

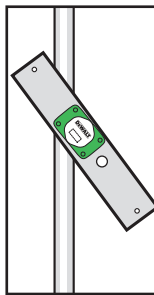
**Installation Instructions for Bridge Bar with Bang-It+ Inserts**



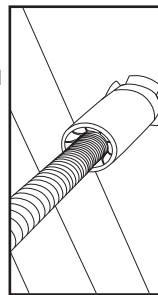
**Step 1**  
Drill or punch a hole in the steel deck to hole size required (e.g. deck driller with hole saw or step bit).



**Step 2**  
Insert plastic sleeve through hole in bridge bar. Step on or impact insert head to engage through bridge bar.



**Step 3**  
Mount the bridge bar into the Bang-It+ Bridge Bar of the metal deck using screws in the outermost holes, ensuring the Bang-It+ is sticking through the hole in the steel deck.



**Step 4**  
After concrete pour and cure, guide threaded rod/bolt through end of plastic sleeve into insert. Turn until steel element is fully threaded; or for Push-In thread Bang-It+ parts push in until steel element is fully seated.

**PERFORMANCE DATA**

**Bang-It+ inserts installed with a Bridge Bar through the flute incline or over the lower flute of the deck**

- Tension design capacities can be considered for use based on Bang-It+ published tension capacities in the upper flute of steel deck.
- Shear design capacities have not been verified through testing at this time; therefore Bang-It+ published shear capacities should not be applied in applications to resist shear loading when inserts are used in conjunction with a Bridge Bar (due to the additional rod standoff). When shear loading is required, e.g. bracing supports, we suggest installing Bang-It+ inserts without a Bridge Bar (or consider DDI+ Insert).

**Bang-It Compatibility Table**

	Bang-It+ Suggested Hole Size - Reference Guide		
	Cat. No.	Rod Dia. (UNC)	Nominal Hole Size
Thread-In  Single and Multi Thread	07540-PWR	1/4"	7/8"
	07542-PWR	3/8"	7/8"
	07543-PWR	3/8" - 1/2"	7/8"
	07544-PWR	1/2"	7/8"
	07546-PWR	5/8"	1-1/4"
	07548-PWR	3/4"	1-1/4"
	PFM3521438	1/4" - 3/8"	7/8"
	PFM3525834	5/8" - 3/4"	1-1/4"
	PFM353143812	1/4" - 3/8" - 1/2"	7/8"
	PFM353381258	3/8" - 1/2" - 5/8"	1-1/4"
Push-In Thread	PFM3610038	3/8"	1-1/4"
	PFM3610012	1/2"	1-1/4"

**ORDERING INFORMATION**

**Bridge Bar**

Cat. No.	Description	Pack Qty.
PFM3613000	Bang-It+ Bridge Bar	20

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BRIDGE BAR

**ANCHOR MATERIALS**

- Zinc plated carbon steel

**APPROXIMATE DIMENSIONS**

- 12" length x 2" width, 14 gauge material thickness
- 13/64" screw hole size (#10 screws suggested)