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**DEWALT Bridge Bar for Bang-It+ 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. This provides a method to mount Bang-It+ inserts at approximately the same height across the tops of metal deck.

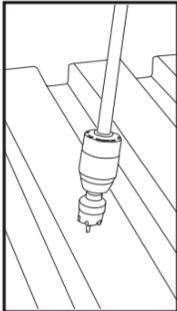
Bridge bars can be used with any size and style Bang-It+ inserts (i.e. push-in thread, single and multi thread). They can be attached into steel deck with self-drilling screws and considered for use in many orientations to enable different options for placement.


**Approximate Dimensions**

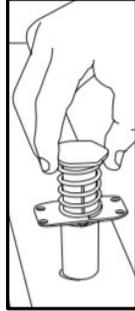
12" length x 2" width, 14 gauge material thickness  
 13/64" screw hole size (#10 screws suggested)

**Material**

Zinc plated carbon steel

**Installation Instructions: Using Bridge Bar with Bang-It+ Inserts (supplemental to published instructions for Bang-It+)**
**CREATE HOLE**


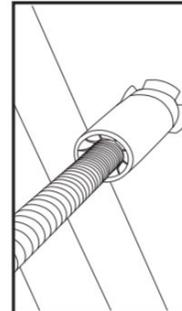
**Step 1.** Drill or punch a hole in the steel deck to hole size required (e.g. deck driller with hole saw or step bit).

**POSITION**


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

**MOUNT**


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

**ATTACH**


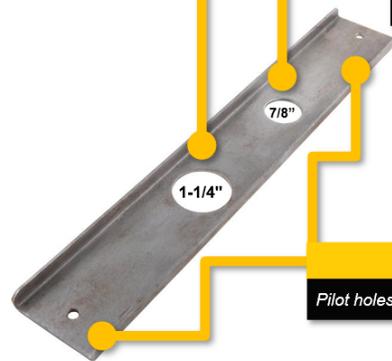
**Step 4.** After concrete pour and cure, guide threaded rod/bolt through end of plastic sleeve into insert. Turn until steel element is fully threaded; or for **Push-In thread Bang-It+ parts** push in until steel element is fully seated.

**BANG-IT+ COMPATIBILITY**
**BANG-IT+ SUGGESTED HOLE SIZES - 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"

**BRIDGE BAR**

PFM3613000  
 Bang-It+ Bridge Bar  
 PFM3613001  
 Bang-It+ Bridge Bar packaged with  
 Elco Self-Drilling Screws (EDB445)


**SCREW HOLES**

Pilot holes for attaching bridge bar to metal deck

**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+](#)).