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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.

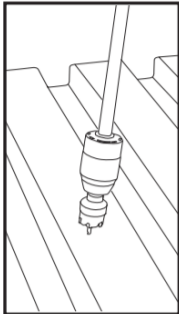
Bridge bars can be used with any size and style Bang-It+ inserts (i.e. push-in thread, single and multi thread). They can be attached into steel deck with self-drilling screws and considered for use in many orientations to enable different options for placement.


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


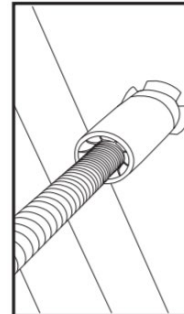
Step 1. Drill or punch a hole in the steel deck to hole size required (e.g. deck driller with hole saw or step bit).

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


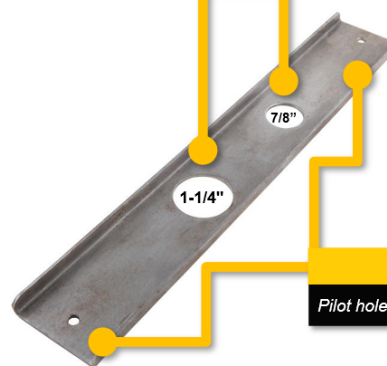
Step 4. After concrete pour and cure, guide threaded rod/bolt through end of plastic sleeve into insert. Turn until steel element is fully threaded; or for Push-In thread Bang-It+ parts push in until steel element is fully seated.

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"
PUSH-IN THREAD	PFM353381258	3/8" - 1/2" - 5/8"	1-1/4"
	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+](#)).