

**Save Time With
Pre-Installed
Rod Hanging
Anchorage!**

CODE LISTED
ICC-ES ESR-3657
CATEGORY 1
FOR STEEL DECK IN
CRACKED &
UNCRACKED CONCRETE



**Bang-It &
Wood-Knocker™**

CAST-IN-PLACE SOLUTIONS FOR ROD HANGING

DEWALT
DRIVEN

THE CONCRETE SOLUTION™

Powers
ENGINEERED

Cast-In-Place Anchoring Systems: Bang-It™ & Wood-Knocker™

What

are Bang-It & Wood-Knockers used for?

- Pipe hanging & conduit
- Lighting systems
- Drop ceilings
- Eye rod
- Overhead utilities
- Electrical & cable trays
- Sprinkler systems
- Refrigeration

Who

uses Bang-It & Wood-Knockers?

- Plumbers
- Sprinkler contractors
- Maintenance contractors
- Mechanical contractors
- Electricians
- HVAC contractors
- General contractors
- Forming work





Why

use Bang-It & Wood-Knockers?

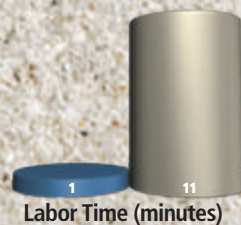
- Lower installed cost; fast and simple to install
- Jobsite service & national stocking locations
- Powers' engineering support
- Safe and reliable anchors
- 2 systems for all rod hanging
- 80 years of concrete anchoring expertise



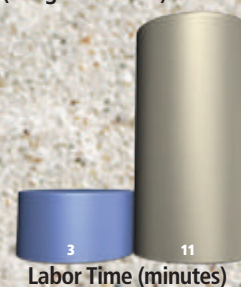
Labor Savings vs. Traditional Dropin Anchors

Installation in Concrete Base Material			
	Speed	Difficulty	Installed Cost
Wood-Knocker			\$
Steel Dropin			\$\$\$

Typical Installed Cost
(Wood-Knocker 3/8" size)



Typical Installed Cost
(Bang-It 3/8" size)



Labor Cost / Minute = \$0.70
based on Bureau of Labor and Statistics



ESR-3657
CATEGORY 1
for Steel Deck in Cracked
& Uncracked Concrete



Powers' Cast-In-Place Code Approval ICC-ES ESR-3657

- Five fractional (1/4"-3/4") and two metric (M10 & M12) sizes approved.
- All sizes approved for tension and shear, cracked concrete and seismic.
- Approved for concrete strengths 2500-10000 psi in normal weight & lightweight concrete.
- Approval includes both rod strength and insert strength.
- Most common steel deck profiles are approved in the report; including flute widths of 4-1/2", 1-1/2" & 3-7/8".

Bang-It

- Installs through metal composite deck used to support newly poured concrete floors or roof slabs.
- Protective sleeve protrudes below the surface of the deck for overhead attachment of steel threaded rod from 1/4" to 3/4" in diameter.
- Sleeve prevents sprayed materials from clogging the insert's internal threads and prevents burying, masking or losing the insert location.
- Installation in pan deck lower flute needs a minimum of only 1.5" concrete thickness; 3" in the upper flute.
- Patented hex heads won't rotate when set.



Bang-It & Wood-Knocker are color-coded by size:

1/4"

3/8"

1/2"

5/8"

3/4"

Wood-Knocker

- Installed onto wooden forms; used to support newly poured concrete floor slabs, roof slabs or walls.
- Color-coded flange is visible in the concrete surface when forms are stripped.
- The insert attaches steel threaded rod or threaded bolts ranging from 1/4" through 3/4" diameter.
- Installs in wood form pours as thin as 3.5"
- Coil thread design for forming applications is available upon request in 1/2" and 3/4" sizes
- Patented hex heads won't rotate when set.



Powers Design Assist
Bang-It and Wood-Knocker coming soon to
PDA Anchor Design Software
www.powersdesignassist.com

COMPLETE
REVIT
files available
www.powers.com

Revit® is a Registered
Trademark of Autodesk

Cast-In-Place Anchoring Systems: Bang-It™ & Wood-Knocker™

Powers
FASTENING INNOVATIONS

How

to purchase Bang-It & Wood-Knockers

Installation is easy...just locate, install and hang!

Bang-it installation

Drill a hole through the metal deck. Push Bang-It through the hole. Pour concrete when all inserts are installed. Cure concrete before loading rod with the assembly.

Wood-Knocker installation

Hammer Wood-Knocker until flush with the wood surface. Pour concrete when all inserts are installed. After the wood forms are removed, the color-coded flange is left exposed. Carefully remove any unbroken nails by swiping with a hammer.

Complete installation instructions at www.powers.com

ORDERING INFORMATION

Bang-It Deck Inserts, UNC

Cat. No.	Size / Color Code	Pre-Drilled Hole	Std. Box	Std. Pallet
7540	1/4" Bang-It, Brown	13/16" or 7/8"	100	4,000
7542	3/8" Bang-It, Green	13/16" or 7/8"	100	4,000
7544	1/2" Bang-It, Yellow	13/16" or 7/8"	100	4,000
7546	5/8" Bang-It, Red	1-3/16" or 1-1/8"	50	2,400
7548	3/4" Bang-It, Purple	1-3/16" or 1-1/8"	50	2,400

Wood-Knocker Form Insert, UNC

Cat. No.	Description / Color Code	Std. Box	Std. Pallet
7550	1/4" UNC Wood-Knocker, Brown	200	9,600
7552	3/8" UNC Wood-Knocker, Green	200	9,600
7554	1/2" UNC Wood-Knocker, Yellow	200	9,600
7556	5/8" UNC Wood-Knocker, Red	150	6,000
7558	3/4" UNC Wood-Knocker, Purple	150	6,000

Wood-Knocker Form Insert (Coil Thread)

7567	1/2" Coil Thread Wood-Knocker, Yellow	200	9,600
7568	3/4" Coil Thread Wood-Knocker, Purple	150	6,000

Installation Accessories

7560	Bang-It Stand Up Pole tool	1
7562	13/16" Carbide Hole Saw for 1/4", 3/8" & 1/2" sizes	1
7564	1-3/16" Carbide Hole Saw for 5/8" & 3/4" sizes	1
D180014IR	7/8" (22mm) Impact Ready® Hole Saw	1
D180017IR	1-1/8" (29mm) Impact Ready® Hole Saw	1
7566	Extra Carbide Hole Saw Center Bit	1
DWA1786IR	3/16" - 7/8" Impact Ready® Step Drill Bit	1
DWA1789IR	7/8" - 1-1/8" Impact Ready® Step Drill Bit	1
DCD980M2	20V Max* Lithium Ion Premium 3-Speed Drill/Driver Kit (4.0 Ah)	1
DWD220	1/2" VSR Pistol Grip Drill With E-Clutch Anti-Lock Control	1



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