Save Time With Pre-Installed Rod Hanging Anchorages!

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

ENGINEERED
THE CONCRETE SOLUTION

Bang-It & Wood-Knocker
CAST-IN-PLACE SOLUTIONS FOR ROD HANGING

THE CONCRETE SOLUTION
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 Drop-in Anchors

<table>
<thead>
<tr>
<th>Installation in Concrete Base Material</th>
<th>Speed</th>
<th>Difficulty</th>
<th>Installed Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood-Knocker</td>
<td></td>
<td>😊</td>
<td>$</td>
</tr>
<tr>
<td>Steel Drop-in</td>
<td></td>
<td>😞</td>
<td>$$$</td>
</tr>
<tr>
<td>Bang-It</td>
<td></td>
<td>😊</td>
<td>$</td>
</tr>
<tr>
<td>Steel Drop-in</td>
<td></td>
<td>😞</td>
<td>$$$</td>
</tr>
</tbody>
</table>

Typical Installed Cost (Wood-Knocker 3/8” size)
- Labor Time (minutes): 1
- Labor Cost/M $0.70
- Material Cost $4.18
- Total Cost $4.88

68% Savings!

Typical Installed Cost (Bang-It 3/8” size)
- Labor Time (minutes): 3
- Labor Cost/M $0.10
- Material Cost $2.10
- Total Cost $2.20

46% Savings!

Labor Cost/Minute = $0.10
Based on Bureau of Labor and Statistics

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

FM APPROVED

UL QUALIFICATION
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.

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.

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 & Wood-Knocker are color-coded by size:

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4”</td>
<td>Brown</td>
</tr>
<tr>
<td>3/8”</td>
<td>Green</td>
</tr>
<tr>
<td>1/2”</td>
<td>Yellow</td>
</tr>
<tr>
<td>5/8”</td>
<td>Red</td>
</tr>
<tr>
<td>3/4”</td>
<td>Purple</td>
</tr>
</tbody>
</table>

Complete Revit files available
www.powers.com

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

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**ORDERING INFORMATION**

**Bang-It Deck Inserts, UNC**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Size / Color Code</th>
<th>Pre-Drilled Hole</th>
<th>Std. Box</th>
<th>Std. Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>7540</td>
<td>1/4&quot; Bang-It, Brown</td>
<td>13/16&quot; or 7/8&quot;</td>
<td>100</td>
<td>4,000</td>
</tr>
<tr>
<td>7542</td>
<td>3/8&quot; Bang-It, Green</td>
<td>13/16&quot; or 7/8&quot;</td>
<td>100</td>
<td>4,000</td>
</tr>
<tr>
<td>7544</td>
<td>1/2&quot; Bang-It, Yellow</td>
<td>13/16&quot; or 7/8&quot;</td>
<td>100</td>
<td>4,000</td>
</tr>
<tr>
<td>7546</td>
<td>5/8&quot; Bang-It, Red</td>
<td>1-3/16&quot; or 1-1/8&quot;</td>
<td>50</td>
<td>2,400</td>
</tr>
<tr>
<td>7548</td>
<td>3/4&quot; Bang-It, Purple</td>
<td>1-3/16&quot; or 1-1/8&quot;</td>
<td>50</td>
<td>2,400</td>
</tr>
</tbody>
</table>

**Wood-Knocker Form Insert, UNC**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description / Color Code</th>
<th>Std. Box</th>
<th>Std. Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>7550</td>
<td>1/4&quot; UNC Wood-Knocker, Brown</td>
<td>200</td>
<td>9,600</td>
</tr>
<tr>
<td>7552</td>
<td>3/8&quot; UNC Wood-Knocker, Green</td>
<td>200</td>
<td>9,600</td>
</tr>
<tr>
<td>7554</td>
<td>1/2&quot; UNC Wood-Knocker, Yellow</td>
<td>200</td>
<td>9,600</td>
</tr>
<tr>
<td>7556</td>
<td>5/8&quot; UNC Wood-Knocker, Red</td>
<td>150</td>
<td>6,000</td>
</tr>
<tr>
<td>7558</td>
<td>3/4&quot; UNC Wood-Knocker, Purple</td>
<td>150</td>
<td>6,000</td>
</tr>
</tbody>
</table>

**Wood-Knocker Form Insert (Coil Thread)**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description / Color Code</th>
<th>Std. Box</th>
<th>Std. Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>7567</td>
<td>1/2&quot; Coil Thread Wood-Knocker, Yellow</td>
<td>200</td>
<td>9,600</td>
</tr>
<tr>
<td>7568</td>
<td>3/4&quot; Coil Thread Wood-Knocker, Purple</td>
<td>150</td>
<td>6,000</td>
</tr>
</tbody>
</table>

**Installation Accessories**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Std. Box</th>
<th>Std. Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>7560</td>
<td>Bang-It Stand Up Pole tool</td>
<td>1</td>
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</tr>
<tr>
<td>7562</td>
<td>13/16&quot; Carbide Hole Saw for 1/4&quot;, 3/8&quot; &amp; 1/2&quot; sizes</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7564</td>
<td>1-3/16&quot; Carbide Hole Saw for 5/8&quot; &amp; 3/4&quot; sizes</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>D180014IR</td>
<td>7/8&quot; (22mm) Impact Ready® Hole Saw</td>
<td>1</td>
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<tr>
<td>D180017IR</td>
<td>1-1/8&quot; (29mm) Impact Ready® Hole Saw</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7556</td>
<td>Extra Carbide Hole Saw Center Bit</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>DWA1786IR</td>
<td>3/16&quot; - 7/8&quot; Impact Ready® Step Drill Bit</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>DWA1789IR</td>
<td>7/8&quot; - 1-1/8&quot; Impact Ready® Step Drill Bit</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>DCD980M2</td>
<td>20V Max* Lithium-Ion Premium 3-Speed Drill/Driver Kit (4.0 Ah)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>DWD220</td>
<td>1/2&quot; VSR Pistol Grip Drill With E-Clutch Anti-Lock Control</td>
<td>1</td>
<td></td>
</tr>
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