

ACPD Series - Bang-It™+ Anchors

Features:

- Bang-It™+ concrete inserts are designed for installation in and through metal composite deck used to support newly poured concrete floors or roof slabs.
- After installation, the protective sleeve of the insert protrudes below the surface of the deck, allowing overhead attachment of threaded rod.
- The unique, six sided impact plate offers resistance to rotation within the concrete as threaded rod is being installed.
- Suitable for overhead installations such as suspending cable tray, pipe hangers, strut and conduit.
- Color coded by size for all trades.
- Lowest installation cost.

Approvals: Qualified for static, wind, and seismic loading in concrete. Included in our Seismic Engineering Guidelines approved by the State of California Office of Statewide Health Planning and Development (OSHPD). For additional load, spacing and placement information relating to OSHPD projects, please refer to our Seismic Engineering Guidelines, OPM-0052-13.

ICC-ES Certified. See ICC-ESR-3657

UL (Underwriters Laboratories) Listed

FM (Factory Mutual) Approved

Refer to pages 11-28 through 11-32 in Seismic Engineering Guidelines OPM-0052-13 for approval OSHPD structural attachment data.



Concrete Anchors



Catalog Number	Rod Diameter	Color
ACPD-25	1/4"	Brown
ACPD-37	3/8"	Green
ACPD-3750-2	3/8"-1/2"	Gray
ACPD-50	1/2"	Yellow
ACPD-62	5/8"	Red
ACPD-75	3/4"	Purple

Catalog Number	Description
ACPD-HS813-2	13/16" Carbide Hole Saw for 1/4", 3/8", 1/2"
ACPD-HS1188-2	13/16" Carbide Hole Saw for 5/8", 3/4"

Bang-It™ - Data	1/4"	3/8"	1/2"	5/8"	3/4"
Metal Hole Saw Diameter (in.)	13/16	13/16	13/16	13/16	13/16
Drilling Speed (rpm)	700-900	700-900	700-900	500-700	500-700
Insert Thread Length (in.)	3/8	5/8	11/16	15/16	11/8
Length of Sleeve (in.)	33/8	33/8	33/8	33/8	33/8
Thread Size (UNC)	1/4"-20	3/8"-16	1/2"-13	5/8"-11	3/4"-10
Embedment Depth (in.)	2	2	2	2	2
Upper Deck Tension Load (lbs) *	1115	1915	2370	2935	2935
Lower Deck Tension Load (lbs) *	830	830	830	930	990
Upper Deck Shear Load (lbs) *	835	1115	1115	1115	1115
Lower Deck Shear Load (lbs) *	625	840	840	840	840

* Based on sand lightweight and normal weight concrete with minimum compression strength of 3000 psi over steel deck. Allowable load capacities are calculated using applied safety factor of 4.0. For additional loading information contact factory. Minimum insert spacing of 6", minimum end spacing 6".

† Bang-It™ is a registered trademark used by DeWalt

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.