

Fasteners

Anchors, expansion shields, concrete inserts, explosive-driven fasteners and threaded head screws provide anchorage to building structural members for supporting pipe hangers. See PIPE HANGER listing for other components and minimum rod sizes. Unless specifically noted in the listing, the following fasteners are FM Approved for vertical installation only.

Expansion Shields

Expansion shields provide anchorage to a concrete building member for supporting pipe hangers.

Expansion Shields

Product Designation	Anchor Rod Size, in.	Max Nominal Pipe Size, in.	Remarks
Kwik Bolt 3	3/8	4	Concrete Anchor
Kwik Bolt 3	1/2	8	"–Concrete Anchor
Kwik Bolt 3	5/8	12	"–Concrete Anchor
Kwik Bolt 3	3/4	12	"–Concrete Anchor
Kwik Bolt TZ	3/8	3/4 through 4	"–Concrete Anchor
Kwik Bolt TZ	1/2	5 through 8	"–Concrete Anchor
Kwik Bolt TZ	5/8	10, 12	"–Concrete Anchor
Kwik Bolt TZ	3/4	10, 12	"–Concrete Anchor
KB-VTZ	3/8	4	Concrete Anchor
KB-VTZ	1/2	8	Concrete Anchor
KB-VTZ	3/4	12	Concrete Anchor

Product Designation	Hanger Rod Size, in., NC	Component Description	For Nominal Pipe Sizes, in.
HDV 3/8	3/8	Internally Threaded Concrete Anchor	3/4 through 4
HDV 1/2	1/2	Internally Threaded Concrete Anchor	3/4 through 8
HDI+ 3/8	3/8	Internally Threaded Concrete Anchor	3/4 through 4
HDI-L+ 3/8	3/8	Internally Threaded Concrete Anchor	3/4 through 4
HDI-P 3/8	3/8	Internally Threaded Concrete Anchor	3/4 through 4
HDI+ 1/2	1/2	Internally Threaded Concrete Anchor	5 through 8
HDI-L+ 1/2	1/2	Internally Threaded Concrete Anchor	5 through 8

Company Name:	Hilti Inc.
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Company Website:	http://hilti.com
New/Updated Product Listing:	No
Listing Country:	United States of America
Certification Type:	FM Approved
Primary Class of Work:	1952-Expansion Shields