



ANCHOR SELECTION GUIDE

ANCHORS & FASTENERS

ADHESIVE ANCHORING SYSTEMS

				Concrete	Lightweight Concrete	Hollow Core Pre-Cast	Grout-filled Concrete Masonry	Hollow Masonry	Solid Brick	Hollow Brick	Unreinforced Masonry	Drywall	Plywood	Wood (Lumber)	Anchor Diameter	Threaded Rod and Hex Nut	Round / Acorn Nut Head	Hex Head	Flat Head	Under 500 lbs.	Over 500 lbs.	Over 5000 lbs.	Zinc Plated Carbon Steel	Galvanized Steel	Stainless Steel	Approvals/ Listings 1. ICC-ES 2. FM 3. UL 4. COLA 5. Miami-Dade 6. NSF 7. LEED 8. Cored Holes	~Similar Anchoring Products
Pure110+® High Strength Epoxy Anchoring System				■	■		■	■	■	□	□				3/8" - 1-1/4" #3 - #11 Rebar	■					■	■	■	■	■	1, 4, 6, 7, 8	Hilti RE 500 V3 Simpson SET-XP Simpson SET 3G
Pure50+™ Epoxy Anchoring System				■	■		■		■						3/8" - 1-1/4" #3 - #10 Rebar	■					■	■	■	■	■	1, 4, 6, 7	Hilti RE 500 SD Hilti RE 100 Simpson SET
AC200+™ High Strength Acrylic Anchoring System				■	■		□		□						3/8" - 1-1/4" #3 - #10 Rebar	■					■	■	■	■	■	1, 4, 6, 7	Hilti HY 200
AC100+ Gold® Vinylester Adhesive Anchoring System				■	■	□	■	■	■	■	■				3/8" - 1-1/4" #3 - #10 Rebar	■					■	■	■	■	■	1, 4, 6, 7	Hilti HY 100 Hilti HY 270 Simpson AT-XP

EXPANSION ANCHORS

Power-Stud®+ SD1 Carbon Steel Wedge-Anchor				■	■	■									1/4" - 1-1/4"	■							■	■	■	■		1, 2, 3, 4	Hilti Kwik Bolt 3 (KB3) Hilti KBV-TZ Simpson Strong Bolt 2	
Power-Stud®+ SD2 High Performance Carbon Steel Wedge-Anchor				■	■	■									3/8" - 3/4"	■							■	■	■	■		1, 2, 3, 4	Hilti Kwik Bolt TZ Simpson Strong Bolt 2	
Power-Stud®+ SD4 304 Stainless Steel Wedge-Anchor				■	■	■									1/4" - 3/4"	■								■	■	■	■	■	1, 4	Hilti Kwik Bolt 3 (KB3) / KB TZ SS Simpson Strong Bolt 2
Power-Stud®+ SD6 316 Stainless Steel Wedge-Anchor				■	■	■									1/4" - 3/4"	■								■	■	■	■	■	1, 4	Hilti Kwik Bolt 3 (KB3) / KB TZ SS Simpson Strong Bolt 2
Power-Stud® HD5 Hot-Dip Galvanized Wedge Expansion Anchor				■			■								3/8" - 3/4 "	■								■	■	■	■	■		

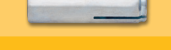
SCREW ANCHORS

Screw-Bolt+™ High Performance Screw Anchor				■	■		■		■						1/4" - 3/4" (Zinc Plated & Mech Galv)			■				■	■	■	■		1, 4	Hilti KH-EZ / KWIK Simpson Titen HD
Screw-Bolt+™ Flat Head High Performance Screw Anchor				■	■		■		■						1/4" - 3/4" (Zinc Plated & Mech Galv)				■				■				1, 4	Hilti KH-EZ / KWIK Simpson Titen HD
316 Stainless Steel Wedge-Bolt™ Screw Anchor				■			■								1/4" - 1/2"							■						Simpson Titen HD
UltraCon®+ Concrete Screw Anchor				■	■		■	■	■					■	3/16" - 1/4"			■	■	■	■						1, 4, 5	Simpson Titen Turbo ITW Tapcon

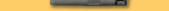
SPECIALTY ANCHORS

CCU+™ Heavy Duty Undercut Anchor				■	■										3/8" - 3/4" anchor rod Carbon Steel & Stainless Steel	■						■	■	■	■	■	1, 4	Hilti HDA Undercut Simpson Torq-Cut
Power-Bolt®+ Heavy Duty Sleeve Anchor				■	■										1/4" - 3/4" Carbon Steel			■				■	■	■	■		1, 4	Hilti HSL-3

MEP THREADED ROD HANGING ANCHORS

Snake+® Rod Hanger / Screw Anchor			■	■											1/4" - 1/2"							■	■	■			1, 2, 4	No Similar Product
Smart DI™ Internally Threaded Expansion Anchor				■											1/4" - 1/2"							■	■	■			2, 3	Hilti HDI
Hangermate®+ (Concrete) Rod Hanging Anchor			■												1/4" - 1/2"							■	■				1, 2, 4	ITW Sammys Hilti KH-EZI Simpson Titen Rod Hanger
Hangermate® (Steel, Wood) Rod Hanging Anchor				■										■	1/4" - 3/8"							■					2, 3	ITW Sammys
Mini-Undercut+™ Rod Hanger for PT Slabs and Hollow Core Plank			■	■	■										3/8"							■					1, 4	Hilti HDI-TZ
Bang-It®+ Metal deck cast in place anchor			■	■											1/4" - 3/4"							■	■		■		1, 2, 3, 4	Hilti HCI-MD KCS-MD
Wood-Knocker®II+ Cast-in-Place Anchor for Forms			■	■											1/4" - 3/4"							■	■		■		1, 2, 3, 4	Hilti HCI-WF Hilti KCS-WF
DDI+™ (Deck Insert) Metal Deck Cast In Place Anchor			■	■											3/8" - 7/8"							■	■		■		1, 2, 3, 4	No Similar Product

MEDIUM / LIGHT DUTY ANCHORS

Polly™ Hollow Wall Anchor										■	■	Wall Thickness 1/8" - 1-1/8"		■		■												ITW Red Head Poly-Set® Anchor
Toggle Bolt Hollow Wall Anchor					□		■		□	■	□	1/8" x 2" - 1/2" x 4"		■		■	■			■								
Sharkie™ Wall Anchor			■	■		■	■	■	■	■	■	#4-#10, #6-#12, #8-#14 Screw					■											
Strap-Toggle™ Hollow Wall Anchor				□			■		□	■		3/16"-1/2"		■			■				■							Hilti HTB Toggle Bolt
Zip-Toggle® Hollow Wall Anchor										■		#6 x 2					■											
Wall-Dog™ Universal Light Duty Anchor			■	■		■	■	■	■	■	■	1/4" Diameter with #8 Head		■	■		■											Simpson Sure Wall
Bantam Plug Plastic Wall Anchor			■	■		■	■	■	■	■		#6-8 x 3/4" - #14-16 x 1-1/2"					■										Hilti HUD-1 Wall Plug	
Zip-It® Zinc or Nylon Wallboard Anchor										■		#6 to #8 Screws					■											ITW Red Head EZ
Lok-Bolt AS® Sleeve Anchor			■	□	□	■	■	■	□			1/4" - 3/4"		■	■		■	■										Hilti HLC Sleeve
Hollow-Set Dropin™ Internally Threaded Expansion Anchor			■	□	■	■	■	■	□			1/4" - 5/8"					■								3		Simpson HDIA	
Zamac Hammer-Screw® Nail Anchor			■	□		■						1/4" x 3/4" - 1/4" x 3"					■	■										Hilti HPS-1
Zamac Nailin® Nail Anchor			■	□		■		■				3/16" x 7/8" - 1/4" x 3"					■	■										Hilti HMH Nail In
Spike® Pin Anchor			■	■		■						3/16" - 1/2"		■			■	■		■		■		■				Simpson Crimp Drive®
Calk-In™ Mechanical Bolt Anchor			■			■						#8 Screw to 1/2"					■											
Double™ Shield Expansion Anchor			■	□		■	■	■				1/4" - 3/4"					■											
Single™ Shield Expansion Anchor			■									1/4" - 5/8"					■											

■ Suitable □ May Be Suitable

For technical support please contact a DeWALT Product & Code Expert at 800-524-3244 or visit our website at www.DeWALT.com
Verify scope of approval relative to intended application. The information and data contained within this document is current as of July 1, 2021 and is subject to change after such date. DEWALT reserves the right to change the designs, materials and specifications of the products in this document without notice and shall have no liability with respect to such changes. Please contact DEWALT for the most current and up to date information and data or refer to our website at www.DEWALT.com

DeWALT USA: (800) 524-3244

Canada: (905) 673-7295

www.DeWALT.com

*Hilti is registered trademark of Hilti Corporation
*Simpson is registered trademark of Simpson Strong-Tie Company, Inc.
*ITW Red Head is registered trademark of Illinois Tool Works, Inc.
© 2021 DEWALT

ICD\WANCHG521