



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 "	■							■	■	■	■	■		

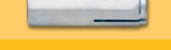
SCREW ANCHORS

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

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