

	Base Material								Anchor Diameter	Head Style							Working Load (Concrete)			Coating / Material						Approvals	Similar Anchoring Products							
	Concrete	Lightweight Concrete	Hollow Core Plank	Grout-filled Concrete Masonry	Hollow Concrete Masonry	Solid Brick	Hollow Brick	Unreinforced Masonry		Steel	Drywall	Stud	Finished Hex Head	Round / Acorn Nut	Flat Head (Countersunk)	Mushroom Head	Tie-Wire Head	Female / Rod Coupler	Flush Mount	Under 500 lbs.	500 lbs. to 5,000 lbs.	Over 5,000 lbs.	Zinc Plated Carbon Steel	Galvanized Steel	Type 302/304 Stainless Steel			Type 316 Stainless Steel	Type 410 Stainless Steel	Zamac-Alloy	Perma-Seal Coated	Nylon / Plastic	Lead	
ADHESIVE SYSTEMS																																		
PE1000+ 3-to-1 Cartridge - Epoxy Anchor			■	□	□	■	□	□	□	□	■	■							■	■	■	■	■	■	■	■	■	■	■			1, 4, 6	Hilti RE 500-SD / RE 500	
AC100+ Gold 10-to-1 Cartridge - Vinyl Ester Anchor			■	□	□	■	■	□			■								■	■	■	■	■	■							1, 6	Hilti HY 200/ HY 150 MAX Simpson AT - XP Red Head Epon S7		
Pure110+ 1-to-1 Cartridge - Epoxy Anchor			■	□	□	■	□	□			■								■	■	■	■	■	■							1, 6	Simpson SET-XP Red Head Epon G5, C6+		
Pure50+ 1-to-1 Cartridge - Epoxy Anchor			■	□	□	■	■	□			■								■	■	■	■	■	■							1, 6	Hilti HTE 50 Simpson SET, ET or EDOT Red Head Epon C6		
T308+ 1-to-1 Cartridge - Epoxy Anchor			■	□		■	■	□			■								■	■	■	■	■	■							1, 6	Hilti HTE 50 Simpson SET, ET or EDOT Red Head Epon C6		
AC50 Silver 10-to-1 Cartridge - Vinyl Ester Anchor			■	□	□	□	□	□			■								■	■	■	■	■	■									Simpson AT Red Head Epon A7	
Hammer-Capsule Glass Capsule - Hammer Type Anchor			■	□		□	□				■								■	■	■	■	■	■									Simpson VGC Capsule ITW Chemset Hammer Cpsl.	
Chem-Stud Glass Capsule - Spin Type Anchor			■	□		□					■								■	■	■	■	■	■									Hilti HVU Capsule ITW Maxima 7 Spin Capsule	
HEAVY DUTY																																		
Atomic+ Undercut Undercut Anchor			■	■							■								■	■	■	■	■								1	Hilti HDA Undercut		
Power-Bolt+ Heavy Duty Sleeve Anchor			■	■	■	□					■								■	■	■	■	■								1	Hilti HSL-3		
Power-Bolt Heavy Duty Sleeve Anchor			■	■	□	□	■	□			■	■							■	■	■	■	■	■							3	Hilti HSL		
MEDIUM DUTY																																		
Power-Stud+ SD1 Expansion Anchor			■	■	■						■								■	■	■	■	■								1, 2, 3, 4	Hilti Kwik Bolt 3 (KB3) Simpson Strong-Bolt 2 Red Head Trubolt		
Power-Stud+ SD2 Expansion Anchor			■	■	■						■								■	■	■	■	■									1, 2, 3, 4	Hilti Kwik Bolt TZ Simpson Strong-Bolt Red Head Trubolt+	
Power-Stud+ SD4/SD6 Expansion Anchor			■	■	■						■								■	■	■	■	■									1	Hilti Kwik Bolt 3 (KB3) / KB TZ SS Simpson Strong-Bolt 2 Red Head Trubolt	
Power-Stud HD5 Expansion Anchor			■	■	■						■								■	■	■	■	■										Hilti Kwik Bolt 3 (KB3) HDG Red Head Trubolt	
Power-Stud (MG, SS) Expansion Anchor			■	■	□						■								■	■	■	■	■								3	Hilti Kwik Bolt 3 (KB3) Simpson Wedge-All		
Lok-Bolt AS Sleeve Anchor			■	■	□	■	■	□			■	■	■	■					■	■	■	■	■										Hilti HLC Simpson Sleeve-All Red Head Dynabolt	
Wedge-Bolt+ Screw Anchor			■	■	□	■	□	■			■								■	■	■	■	■								1, 4	Hilti Kwik HUS / HUS-EZ Simpson Titen HD Red Head Large Dia. Tapcon (LDT)		
Wedge-Bolt (SS) Screw Anchor			■	■	■	■					■								■	■	■	■	■										No Similar Product	
Snake+ Rod Hanger / Screw Anchor			■	■	□	□					■								■	■	■	■	■								1, 2, 4	No Similar Product		
Vertigo+ (Concrete) Rod Hanger / Screw Anchor			■	■							■								■	■	■	■	■								1, 2	Hilti HUS-EZ I Simpson Titen HD Rod Hanger		
Vertigo (Steel / Wood) Rod Hanger / Screw Anchor			■	■	■			■			■								■	■	■	■	■								3	ITW Sammy		
Bang-It / Wood-Knocker Specialty Cast-In-Place			■	■							■								■	■	■	■	■								2, 3	Hilti HCl-WF / HCl-MD Simpson Blue Banger		
Smart DI+ Dropin Anchor			■	□							■								■	■	■	■	■								2, 3	Hilti HDI Drop-In Red Head RL Drop-In		
Steel Dropin Dropin Anchor			■	■							■								■	■	■	■	■								3	Hilti HDI Drop-In Red Head RL Drop-In		
Mini Dropin Dropin Anchor			■	■	■	□					■								■	■	■	■	■								2	Hilti HDI-P Short Drop-In Red Head RX Drop-In		
Hollow- Set Dropin Dropin Anchor			■	■	■	■	■	□			■								■	■	■	■	■								3	No Similar Product		
Double Bolt/Shield Anchors			■	■		■	■	■			■								■	■	■	■	■											
Single Bolt/Shield Anchors			■	□	□	□					■								■	■	■	■	■											
LIGHT DUTY																																		
Tapper+ Screw Anchor			■	■	■	■	■	□			■	■							■	■	■	■	■								1, 5	Hilti Kwik-Con II Simpson Titen / Titen HD Redhead Tapcon		
Tapper (SS) Screw Anchor			■	■	■	■					■	■							■	■	■	■	■								5	Hilti Kwik-Con II Simpson Titen ITW Tapcon		
Safe-T+Pin Pin / Nail Anchors			■	■	■	■					■								■	■	■	■	■										No Similar Product	
Spike Pin / Nail Anchors			■	■	■	□					■								■	■	■	■	■										Simpson Crimp Red Head Redi-Drive	
Drive Pin / Nail Anchors			■	□	□	□					■	■	■						■	■	■	■	■								3	Simpson MSD/CSD/DSD		
Zamac Hammer Screw Pin / Nail Anchor			■	□	□	■	■	□			■								■	■	■	■	■										No Similar Product	
Zamac or Nylon Nailin Pin / Nail Anchors			■	□	□	■	■	□			■	■	■						■	■	■	■	■											ITW EZ
Calk-In Bolt/Shield Anchors			■	□		■	□				■								■	■	■	■	■											No Similar Product
Toggle-Bolt Hollow Wall Anchor				□	■						■	■	■	■					■	■	■	■	■											
Strap-Toggle Hollow Wall Anchor				□	■						■								■	■	■	■	■											Hilti HTB Toggle Bolt
Zamac or Nylon Zip-It Drywall Anchor								■			■								■	■	■	■	■											ITW EZ
Wall Dog Drywall Anchor			■	■	■	■	■	■			■	■							■	■	■	■	■											No Similar Product

■: Suitable □: May Be Suitable ES Indicates a Code Listed Product Simpson is a registered trademark of Simpson Strong-Tie Company, Inc Hilti is a registered trademark of Hilti Corp. ITW and Redhead are registered trademarks of Illinois Tool Works, Inc