

Mechanical Anchor Selector Chart

	Size		Head Type					Base Material				Corrosion Resistance			Features		Approvals
	Minimum Size	Maximum Size	Stud (Externally Threaded)	Flush or Internally Threaded	Hex Bolt	Rebar	Round/Mushroom	Concrete	Lightweight Concrete	Grout-filled Block	Hollow Block/Brick	Hot-dip Galvanized Steel	304 Stainless Steel	316 Stainless Steel	Seismic (per ICC-ES)	Cracked Concrete (per ICC-ES) ¹¹	
HDA ^{8, 9, 10} Undercut Anchor	M10	M20	■					■	□			■		■	■	■	3a, 4
HSL-3 ^{8, 9, 10} Expansion Anchor	M8	M24	■		■			■	□						■	■	3a, 4
HSL Expansion Anchor	M10	M20	■	■ M12				■	□				■				
KB-TZ ^{8, 9, 10} Expansion Anchor	3/8"	3/4"	■					■	■				■	■	■	■	1, 2, 3a
KWIK Bolt 3 ^{8, 9, 10} Expansion Anchor	1/4"	1"	■	■ 1/4"-3/8"				■	■	■		■ 3/8"-3/4"	■	■	□ A-B		1, 2, 3a, 3b, 4, 5
KWIK HUS-EZ ^{8, 9, 10} Screw Anchor	1/4"	3/4"			■			■	■						■	■	3a, 3b, 4
KWIK HUS Screw Anchor	3/8"	3/4"			■			■	■								
HCA Reusable Coil Anchor	1/4"	3/4"			■ 1/4"			■	□								
HLC Sleeve Anchor	1/4"	3/4"	■	■ 1/4"-3/8"	■		■	■	□	■		■					2
KWIK HUS-EZ-I ^{8, 9, 10}	1/4"	3/8"		■ 1/4"-3/8"				■	■						■	■	1, 3a, 4
HDV Drop-in Anchor	1/4"	1/2"		■				■	■								1, 2
HDI / HDI-L Flush Anchor	1/4"	3/4"		■				■	■				■ 303 SS				1, 2
HDI-P Flush Anchor	1/4"	1/2"		■				■	□								
HCI Cast-in Anchor	1/4"	3/4"		■				■	■								1, 2
KWIK-CON II Screw Anchor	3/16"	1/4"		■	■			■	□	□			■ 410 SS				5

■ Suitable □ Suitable — Application Specific 7 Approval pending 8 **2006 IBC** Compliant Anchor 9 **2009 IBC** Compliant Anchor 10 **2012 IBC** Compliant Anchor

¹¹ Concrete is assumed to be cracked for anchor design purposes if cracks could form in the concrete at or near the anchor location over the service life of the anchor

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