



Symbol	Symbol Description	Units	Anchor Diameter [inch]
HDB	Hollow Drill Bit	-	1/2
DRS	Dust Removal Systems	-	✓
AT-System	SIW 6AT-A22 + SI AT-A22	-	✓
	SIW 4AT-22 + SI AT-22	-	✓
	SIW 6AT-22 + SI AT-22	-	✓
	Diamond Core Bit	-	✓
d_0	Drill Bit Diameter	[inch]	1/2
h_{ef}	Effective Embedment Depth	[inch]	1 1/2
h_{nom}	Nominal Embedment Depth	[inch]	2
h_0	Minimum Hole Depth in Base Material	[inch]	2 1/4
$T_{inst, concrete}$	Installation Torque Concrete	carbon steel [ft-lb]	50
$T_{inst, grout filled CMU}$	Installation Torque Grout-Filled CMU	carbon steel [ft-lb]	25
d_{fix}	Fixture Hole Diameter	[inch]	9/16
WS	Wrench Size	[inch]	3/4

Use only carbide-tipped masonry drill bits complying with ANSI B212.15.1994

For steps 1a or 1b, make sure to drill deep enough to achieve h_0 , taking into account the depth of debris remaining in the hole.

** AT-System not applicable for grout-filled CMU and wood fastening applications.