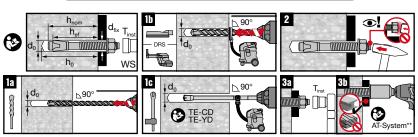


KB₁



2274241-03.2025



			Anchor Diameter [inch]							
Symbol	Symbol Description	Units	3/8		1/2		5/8		3/4	
HDB ←—] -	Hollow Drill Bit	-	-		~		~		~	
DRS -	Dust Removal Systems	-	~		~		·		~	
AT-System	SIW 6AT-A22 + SI AT-A22	-	~		~		· ·		-	
	SIW 4AT-22 + SI-AT-22	-	~		~		~		_	
	SIW 6AT-22 + SI-AT-22	-	_		~		~		~	
d₀ ‱—	Drill Bit Diameter (ANSI B212.15.1994)	[inch]	3/8		1/2		5/8		3/4	
h _{ef}	Effective Embedment Depth	[inch]	11/2*	2	2	31/4	2 3/4	4	31/4	43/4
h _{nom}	Nominal Embedment Depth	[inch]	1%*	2 %	2 %	3%	31/4	41/2	4	51/2
h _o	Minimum Hole Depth in Base Material	[inch]	2 1/8*	2 3/4	2 3/4	41/4	3 3/4	4 3/4	41/4	5¾
T _{inst, concrete}	Installation Torque Concrete	[ft-lb]	20		40		60		110	
T _{inst, grout filled CMU}	Installation Torque Grout-Filled CMU	[ft-lb]	15		25		35		50	
d _{fix}	Fixture Hole Diameter	[inch]	7/16		9/16		11/16		13/16	
WS	Wrench Size	[inch]	9/16		3/4		15/16		11/8	

For steps 1a or 1b, make sure to drill deep enough to achieve h₀, taking into account the depth of debris remaining in the hole. For UL Listing, the %" anchor is rated up to 10 NPS at a minimum of 3-\%" nominal embedment.

^{*} For 3/8" anchors, the 1 ½" effective embedment only applies for concrete base material.

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