

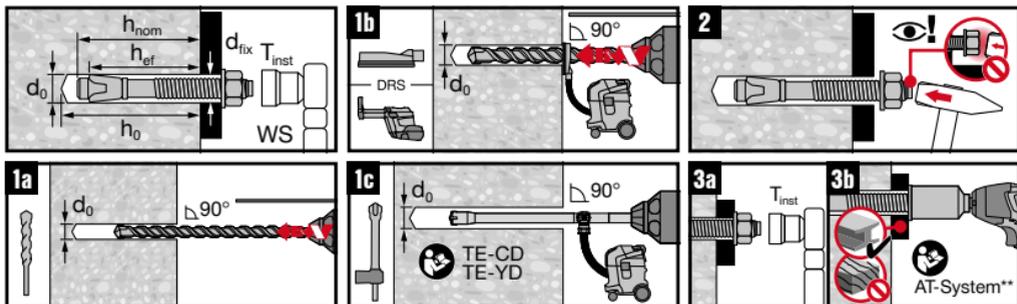


KB3 HDG

KB3 SS304 / SS316



2060284-03.2025



Symbol	Symbol Description	Units	Anchor Diameter [inch]									
			1/4	3/8	1/2	5/8	3/4	1				
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	-	-	-	-	✓	✓	-	-			
d_0	Drill Bit Diameter	[inch]	1/4	3/8	1/2	5/8	3/4	1				
h_{0}^{***}	Minimum Hole Depth in Base Material	[inch]	2	2 5/8	2 5/8	4	3 7/8	4 3/4	4 1/2	5 5/4	5	6 3/4
h_{nom}	Nominal Embedment Depth	[inch]	1 3/4	2 3/8	2 1/4	3 5/8	3 1/2	4 3/8	4 1/4	5 5/8	4 9/8	6 3/8
h_{ef}	Effective Embedment Depth	[inch]	1 1/2	2	2	3 1/4	3 1/8	4	3 3/4	5	4	5 3/4
$T_{inst, concrete}$	Installation Torque Concrete	[ft-lb]	4	20	40	60	110	150				
$T_{inst, grout filled CMU}$	Installation Torque Grout-Filled CMU	[ft-lb]	4	15	25	65	120	-				
d_{fix}	Fixture Hole Diameter	[inch]	9/16	7/16	9/16	1 1/16	1 3/16	1 5/16				
WS	Wrench Size	[inch]	7/16	9/16	3/4	15/16	1 1/8	1 1/2				

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

** AT-System not applicable for grout-filled CMU and wood fastening applications. AT system not applicable to be used with HDG anchors.

*** For a non-hole cleaning installation (step 1a or 1b), make sure to drill deep enough to achieve h_{ef} , taking into account the depth of debris remaining in the hole