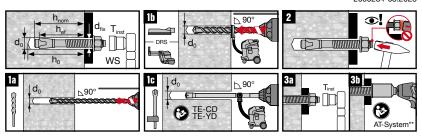


## / KB3 HDG/ KB3 SS304/SS316

2060284-03.2023



	Anchor Diameter [inch]											
Symbol	Symbol Description	Units	1/4	3/8	1/2		5/8		3/4		1	
HDB €	Hollow Drill Bit	-	-	-	<b>/</b>		<b>/</b>		~		-	
DRS 💳 📆	Dust Removal Systems	-	~	~	~		~		~		-	
AT-System	SIW 6AT-A22 + SI AT-A22	-	-	~	~		~		-		-	
	SIW 4AT-22 + SI-AT-22	-	-	~	1		~		-		-	
	SIW 6AT-22 + SI-AT-22	-	-	-	1		~		~		-	
d₀ cccc	Drill Bit Diameter	[inch]	1/4	3/8	1/2		5/8		3/4		1	
h <sub>0</sub> ***	Minimum Hole Depth in Base Material	[inch]	2	2%	2%	4	3%	4 3/4	41/2	5¾	5	6¾
h <sub>nom</sub>	Nominal Embedment Depth	[inch]	1¾	2%	21/4	3%	31/2	4%	41/4	5%	4%	6%
h <sub>ef</sub>	Effective Embedment Depth	[inch]	11/2	2	2	31/4	31/8	4	3 3/4	5	4	5¾
T <sub>inst, concrete</sub>	Installation Torque Concrete	[ft-lb]	4	20	40		60		110		150	
Tinst, grout filled CMU	Installation Torque Grout-Filled CMU	[ft-lb]	4	15	25		65		120		_	
d <sub>fix</sub>	Fixture Hole Diameter	[inch]	5/16	7/16	9/16		11/16		13/16		11/8	
WS	Wrench Size	[inch]	7/16	9/16	3/4		15/16		11/8		11/2	

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.

<sup>\*\*\*</sup> For a non-hole cleaning installation (step 1a or 1b), make sure to drill deep enough to achieve ho, taking into account the depth of debris remaining in the hole