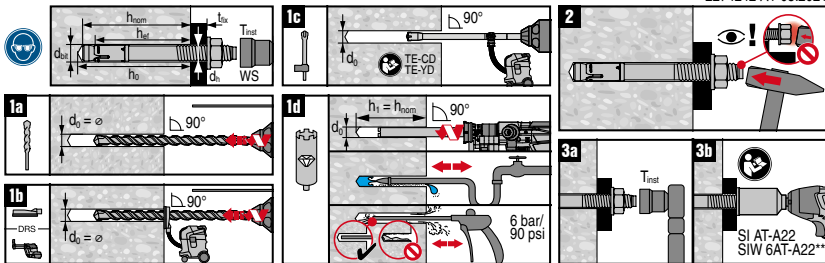




KB-TZ2
KB-TZ2 SS304
KB-TZ2 SS316

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			Anchor Diameter [inch]														
Symbol	Setting Information	Units	1/4	3/8	1/2			5/8			3/4			1			
HDB 	Hollow Drill Bit	—	—	—	✓			✓			✓			✓			
DRS 	Dust Removal Systems	—	✓	✓	✓			✓			✓			✓			
AT-System	Adaptive Torque System**	—	—	✓	✓			✓			—			—			
	Diamond Core Bit	—	—	✓	✓			✓			✓			✓			
d ₀ 	Drill Bit Diameter	[inch]	1/4	3/8	1/2			5/8			3/4			1			
h _{ef}	Effective Embedment Depth	[inch]	1 1/2	1 1/2	2	2 1/2	2	2 1/2	3	2 3/4	3	4	3 3/4	3 3/4	4	4	5 3/4
h _{nom}	Nominal Embedment Depth	[inch]	1 3/4	1 3/4	2 1/2	3	2 1/2	3	3 3/4	3 3/4	4 1/2	4	4 1/2	5 1/2	4 3/4	6 3/4	
h ₀	Minimum Hole Depth in Base Material	[inch]	2	2	2 3/4	3 1/4	2 3/4	3 1/4	4 1/4	3 3/4	4 1/4	4 3/4	4 3/4	4 3/4	5 3/4	5	6 3/4
T _{inst, concrete}	Installation Torque	carbon steel	[ft-lb]	4	30	50			40			110			185		
	Concrete	SS304, SS316	[ft-lb]	6	30	40			60			125			185		
T _{inst, grout filled CMU}	Installation Torque	carbon steel	[ft-lb]	4	15	25			30			50			—		
	Grout-Filled CMU	SS304, SS316	[ft-lb]	6	15	25			35			50			—		
d _h	Fixture Hole Diameter	[inch]	5/16	7/16	9/16			11/16			13/16			1 1/8			
WS	Wrench Size	[inch]	7/16	9/16	3/4			15/16			1 1/8			1 1/4			

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 h₀, taking into account the depth of debris remaining in the hole.

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

For UL Listing, the 3/8" anchor is rated up to 10 NPS at a minimum of 3-1/4" nominal embedment. UL Listing does not cover the 1/4" anchor size.