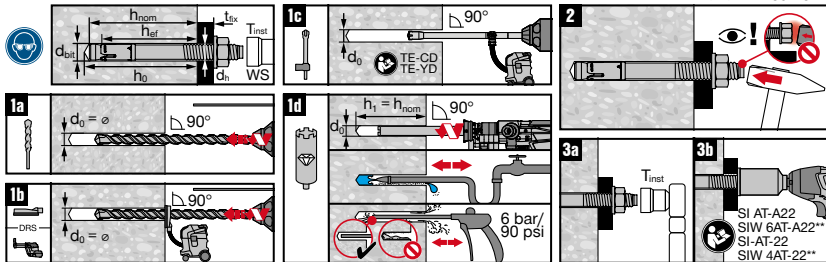




KB-TZ2
KB-TZ2 SS304
KB-TZ2 SS316

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Symbol	Setting Information	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	Adaptive Torque System**	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Diamond Core Bit	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
d ₀	Drill Bit Diameter	[inch]	1/4	3/8	1/2		5/8		3/4		1							
h _{eff}	Effective Embedment Depth	[inch]	1 1/2	1 1/2	2	2 1/2	2	2 1/2	3	3 1/4	3 3/4	4	4 1/4	4 1/2	4 3/4	5		
h _{nom}	Nominal Embedment Depth	[inch]	1 3/4	1 7/8	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 1/2		
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 1/4	4 3/4	5 3/4	5	6 3/4	
T _{inst, concrete}	Installation Torque Concrete	carbon steel	[ft-lb]	4	30	50		40		110		185						
		SS304, SS316	[ft-lb]	6	30	40		60		125		185						
T _{inst, grout filled CMU}	Installation Torque Grout-Filled CMU	carbon steel	[ft-lb]	4	15	25		30		50		-						
		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		1 1/4		1 1/2			
WS	Wrench Size	[inch]	7/16	9/16	3/4		15/16		1 1/8		1 1/4		1 1/2		1 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 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" and 1" anchor sizes.