



Anchor diameter	[inch]	1/4	3/8	1/2	5/8	3/4	1				
		—	—	✓	✓	✓	—				
		✓	✓	✓	✓	✓	—				
AT-System		—	✓	✓	✓	—	—				
d ₀	[inch]	1/4	3/8	1/2	5/8	3/4	1				
min. h ₀ ***	[inch]	2	2 ⁵ / ₈	2 ⁵ / ₈	4	3 ⁷ / ₈	4 ³ / ₄	4 ¹ / ₂	5 ³ / ₄	5	6 ³ / ₄
min. h _{nom}	[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 ⁵ / ₈	6 ³ / ₈
min. h _{ef}	[inch]	1 ¹ / ₂	2	2	3 ¹ / ₄	3 ¹ / ₈	4	3 ³ / ₄	5	4	5 ³ / ₄
T _{inst}	[ft-lb]	4	20	40	60	110	150				
T _{inst} (Masonry)	[ft-lb]	4	15	25	65	120	—				
d _h	[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 / ₂				

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

**Adaptive Torque (AT) system not applicable for installation in concrete masonry unit / grout filled concrete block.

**AT system not applicable for wood fastening applications and HDG anchors.

***For a non-hole cleaning installation (step 1a or 1b), make sure to drill deep enough to achieve h₀, taking into account the depth of debris remaining in the hole