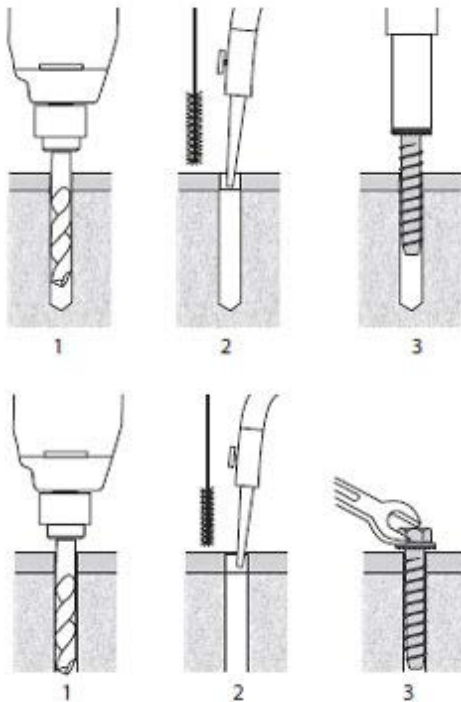




Screw Anchor Bolt Installation

Installation



Step-By-Step

Installation in Concrete Instructions

1. Using the proper size carbide bit, drill a pilot hole at least one anchor diameter deeper than the desired anchor embedment.
2. Blow out concrete dust.
3. Using an electric impact wrench, or socket wrench, insert anchor into hole and tighten anchor until fully seated. If using an electric impact wrench, start on light torque setting to prevent over torturing or damaging threads.

NOTE: Always wear safety glasses.

Installation in Concrete Block (CMU)

NOTE: Do not use an impact wrench for installation into CMU walls.

1. Using the proper size carbide bit, drill a pilot hole at least one anchor diameter deeper than the desired anchor embedment.
2. Blow out concrete dust.
3. Using a socket wrench insert anchor into hole and hand tighten anchor until fully seated.

NOTE: Always wear safety glasses.

Anchor Dia. Norm.	Drill Bit Dia.*	Min. Baseplate Clearance Hole	Install Torque Aprox.	Wrench Socket Size	Embed. Depth hnom	Effective Embed. Depth	Min. Hole Depth	Critical Edge Dist.	Min. Edge Dist.	Critical Spacing	Min. Spacing	Head and Washer Height Min.	Washer Outer Dia. Aprox.
in.	in.	in.	ft.-lb.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1/4	1/4	3/8	8	7/16	1-3/16	3/4	1-11/16	2	1-3/4	3	1	1/4	1/2
					2-1/2	2	3	2					
3/8	3/8	1/2	25	9/16	2	1-1/4	2-1/2	2-3/4	1-3/4	6	1-1/2	3/8	3/4
					3-1/2	2-11/16	4	4-1/8					
1/2	1/2	5/8	55	3/4	2	1-1/4	2-1/2	3-3/4	1-3/4	8	2	31/64	1
					3-1/2	2-3/4	4	6					
5/8	5/8	3/4	95	15/16	2	1	2-1/2	5	1-3/4	10	2-1/2	19/32	1-5/32
					3-1/2	2-1/2	4	6-1/4					
3/4	3/4	7/8	150	1-1/8	2-1/2	1-5/8	3	6-1/2	1-3/4	12	3	45/64	1-3/8
					4	3-1/8	4-1/2	7-1/4					