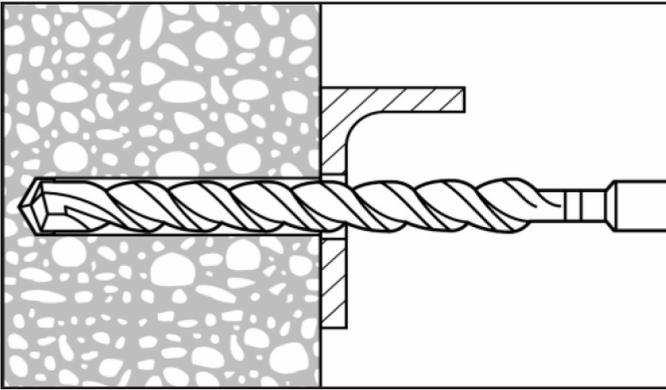


Anchor Bolt Mounting Instructions

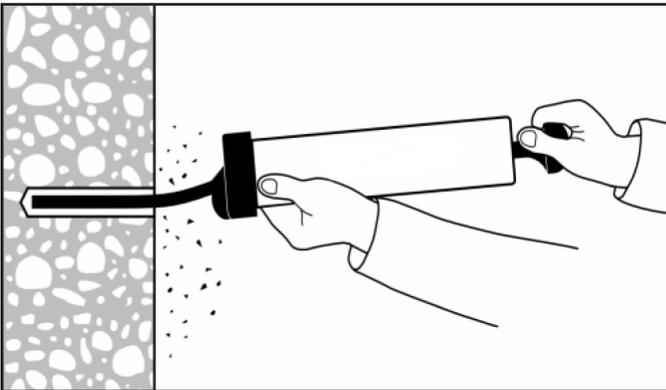
STEP 1

Hammer drill a hole to the same nominal diameter as the KWIK Bolt TZ. The minimum hole depth must conform with the instructions for use adhered to the packaging and the ICC-ES evaluation report, if applicable. The fixture may be used as a drilling template to ensure proper anchor location.



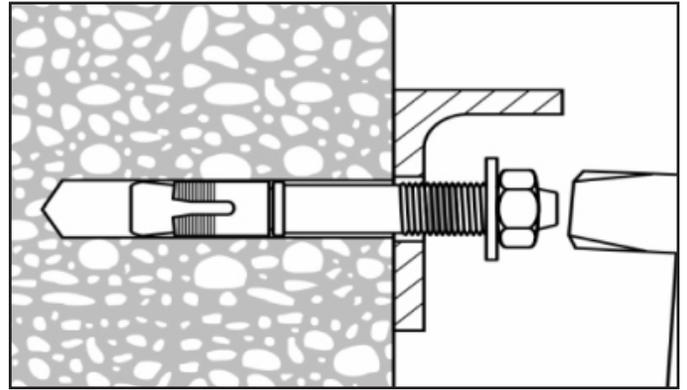
STEP 2

Clean hole.



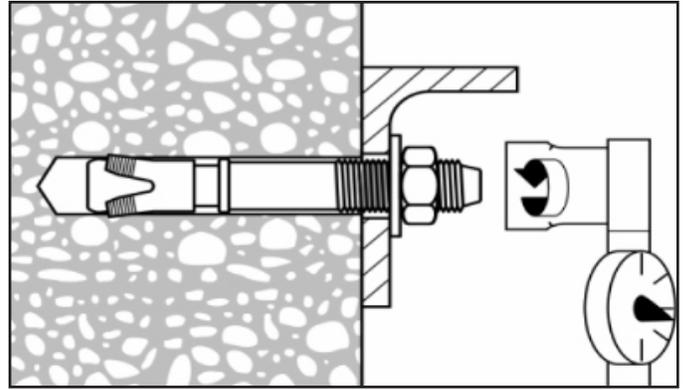
STEP 3

Drive the KWIK Bolt TZ into the hole using a hammer. The anchor must be driven until at least 4 threads are below the surface of the fixture.



STEP 4

Tighten the nut to the installation torque.

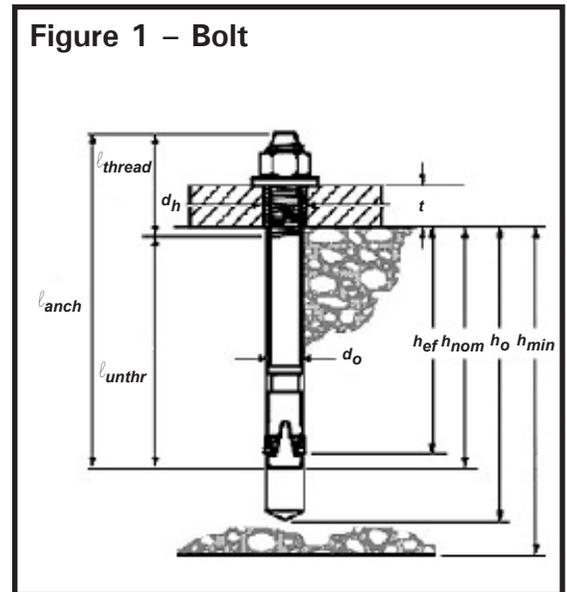


		1/2" Dia.	5/8" Dia.
Anchor Kit Part Number	Carbon Steel (CS)	AN50A-5	AN62A-6
	304 Stainless (SS)	AN50A-5S	AN62A-6S
	316 Stainless (SS)	AN50A-5S316	AN62A-6S316
Drill Bit Part Number	Carbide Tip	AD50H-6	AD62H-8

KWIK Bolt TZ2 Expansion Anchor Technical Data				
	Symbol	Units		
Anchor Diameter	d_o	(inch)	0.5	0.625
		(mm)	12.7	15.9
Drill Bit Diameter	d_{bit}	(inch)	1/2	5/8
Min. Thickness	h_{min}	(inch)	6	6
		(mm)	152	152
Min. Hole Depth	h_o	(inch)	4-1/4	4-3/4
		(mm)	108	121
Min. Fixture Hole Diameter	d_h	(inch)	9/16	11/16
		(mm)	14.3	17.5

Anchor Length ID Marking				
			I	J
Anchor Length	l_{anch}	(inch)	5-1/2	6
		(mm)	140	152
Threaded Length	l_{thread}	(inch)	3-3/8	4
		(mm)	86	102
Unthreaded Length	l_{unthr}	(inch)	2-1/8	2
		(mm)	54	51
Installation Embedment	h_{nom}	(inch)	3-3/4	4-1/2
		(mm)	95	114
Effective Minimum Embedment	h_{ef}	(inch)	3-1/4	4
		(mm)	83	102

			1/2" Dia.		5/8" Dia.	
			Carbon Steel	Stainless Steel	Carbon Steel	Stainless Steel
Installation Torque (concrete)	T_{inst}	ft-lb (Nm)	50 (68)	40 (54)	40 (54)	60 (81)



NOTE:

A qualified professional should inspect or design the foundation to insure that it will provide adequate support.

To comply with local codes, contact a qualified professional to obtain proper structure or foundation specifications for the mounting of Thern products.

Always refer to Hilti Product Technical Guide for complete details, limitations and other additional information.



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