

KWIK-CON II+ Matched Tolerance Masonry Fastening System

Matched Tolerance System Provides The Highest Performance



Features

- Choice of head styles: Torx Hex Washer Head for fast, secure driving; Torx or Phillips Flat Head for countersinking applications
- Matched tolerance carbide-tipped drill bits for highest performance
- Exclusive internal torx drive
- Choice of 1/4" or 3/16" diameter fasteners
- Fasteners protected by corrosion resistant coating; stainless steel fasteners available in select sizes

For individual item description, see ordering information listed below.



The Kwik-CON II+ fastening system is convenient to use. Simply insert the carbide-tipped SDS+ or TM bit directly into the rotary hammer. No special adapters are needed.



Drill a hole 1/2" deeper than the required screw penetration.



Change the rotary hammer setting to rotation only. Lock the compact setting tool over the special detent receiver on the bit.



Adjust the depth location and set the screw.

It's that easy.



KWIK-CON II+ Matched Tolerance Drill Bits*

* For 3/16" diameter KWIK-CON use small bits. for 1/4" diameter KWIK-CON use large bits.

Item No.	Description	Bit Marking
00205114	TKC Large Concrete Bit SDS+ HEX	1/4 C
00205116	TKB Large Block Bit SDS+ HEX	1/4 B
00205118	TKC Small Concrete Bit SDS+ HEX	3/16 C
00205120	TKB Small Block Bit SDS+ HEX	3/16 B
00205115	TKC Large Concrete Bit TM+ HEX	1/4 C
00205117	TKB Large Block Bit TM+ HEX	1/4 B
00205119	TKC Small Concrete Bit TM+ HEX	3/16 C
00205121	TKB Small Block Bit TM+ HEX	3/16 B
00205322	TE-C+ 8.5 mm x 17 mm for 3/8" KWIK-CON	

Ordering Information KWIK-CON II+ Hex Driver System



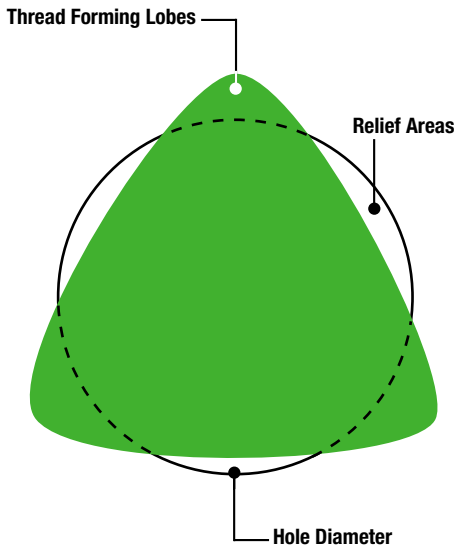
Item No.	Description	
00235097	KWIK-CON Hex Driver Deluxe Kit	
00235100	KWIK-CON 5/16" Hex setter/depth locator	⑥ Shown above right
00235098	KWIK-CON hex driver	④
00235101	KWIK-CON insert bit holder/depth locator	⑦
00083313	5/16" Hex Driver - KC II+ For All THWH without depth setting	⑤
00083312	#3 Phillips Driver - KC II+ For use with all PFH	①
00083314	T-25 Torxalign Driver — Short For use with all 3/16" TFH / THWH + 1/4" THWH	③
00087123	T-27 Torxalign Driver — Short For use with all 1/4" TFH	②
00369306	T-50 Torxalign Driver For use with all 3/8" TPH	
00084209	T-25 Torxalign — Long	
00084213	T-27 Torxalign — Long	

www.us.hilti.com
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 • for setting instructions, click on **Tech Center**



KWIK-CON II+ Masonry Screw Anchor System

Tri-Lobular Design Yields Higher Shear and Tensile Values, Cuts Stronger Threads



Hilti's advanced KWIK-CON II+ Masonry Screw Anchor System, with its unique tri-lobular design, provides superior fastening performance in concrete, cement block, brick, masonry or stone.

Developed for a wide range of fastening applications, the self-tapping screw anchor system is ideal for use by electricians, general contractors, glaziers and maintenance technicians.

The improved KWIK-CON II+ system features a more compact setting tool and requires no bit adapter, making masonry screw anchoring faster and easier than ever before. The tri-lobular thread-cutting design and larger cross section of KWIK-CON II+ screws improve thread engagement and provide greater shear values and tensile strengths than competitive products.

Select sizes of stainless steel are also available.

Determining Correct Fastener and Hole Depth

The KWIK-CON II+ masonry fastening system consist of the KWIK-CON II+ drive tool and a matched tolerance carbide-tipped drill bit. Consistent performance and maximum pullout strength are attained when all system elements are used properly.

KWIK-CON II+ fasteners come in three diameters: 1/4", 3/16" and 3/8". Fastener diameter and embedment depth affect pullout strengths. Application strength requirements and safety factors should be considered when determining the embedment depth and fastener diameter.

Fastener Length (A+B)

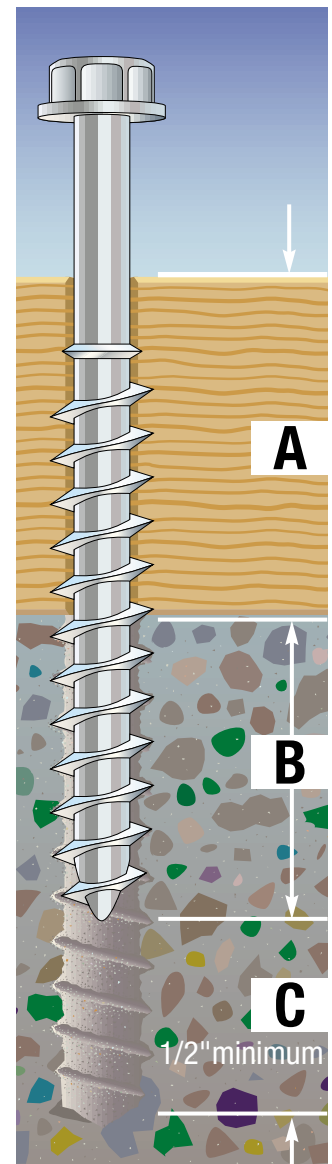
The length of the KWIK-CON II+ fastener to be used is determined by combining the thickness of the fixture being attached (A) with the desired depth of embedment in the masonry material (B). It is recommended that a minimum of 1" and a maximum of 1-3/4" embedment be used in determining fastener length.

Hole Depth (B+C)

A matched tolerance carbide-tipped drill bit is supplied with each combo box of KWIK-CON II+ fasteners. In all cases, the hole must be at least 1/2" (C) deeper than the depth of the fastener embedment. Normal safety precautions should be observed when drilling holes to avoid electrical or other utility installations and reinforcement bars.

Hole Diameter

The diameter of the drilled hole is also important to the performance of the KWIK-CON II+ masonry fastening system. Use Hilti matched tolerance carbide-tipped bits to obtain consistent fastener performance and maximum pullout strength.



- A = Fixture Being Attached**
- B = KWIK-CON II+ Embedment**
(minimum 1", maximum of 1-3/4" recommended)
- A+B = Length of KWIK-CON II+**
recommended for application
- B+C = Depth of Hole Drilled**
(must be at least 1/2" deeper than KWIK-CON II+ embedment)



For complete Hilti Anchoring Systems technical information: Refer to the **Hilti North America Product Technical Guide**. Visit **Hilti Online** and click on Tech Center

www.us.hilti.com
for product information