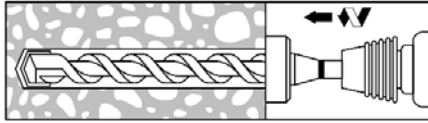
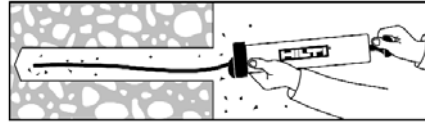


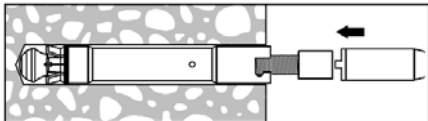
KUAB Undercut Heavy-Duty Concrete Anchor Installation Instructions



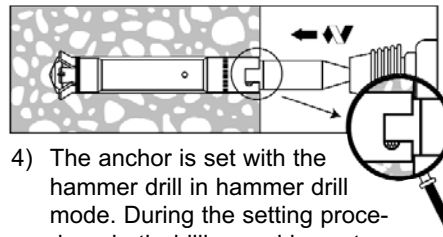
- 1) Drill a hole to the required depth using a stop drill bit matched to the anchor, (refer to specification table and ordering info.). If rebar is encountered, use a Hilti metric matched tolerance diamond core bit to drill through the rebar. Remove the concrete core and finish drilling the hole with the stop drill bit.



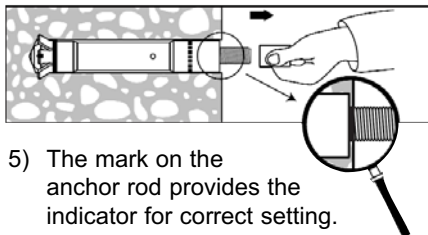
- 2) Clean hole with compressed air or a hand air pump such that drilling debris is evacuated.



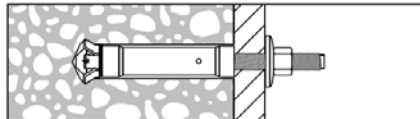
- 3) The anchor is inserted in the hole, so that the cone sits on the bottom of the drilled hole. Do not remove the plastic cap that protects the threaded rod. Using the assigned setting tool and Hilti Hammer Drill, the setting tool is guided over the anchor rod and engages the grooves in the sleeve. It is critical to use the specified Hilti hammer drills.



- 4) The anchor is set with the hammer drill in hammer drill mode. During the setting procedure, both drilling and impact energy are transferred to the sleeve by the setting tool, causing the sleeve to slide over the conical end of the anchor bolt while forming the undercut in the base material. On the setting tool, the red ring indicates the progress of the setting operation.



- 5) The mark on the anchor rod provides the indicator for correct setting. The anchor is set and the undercut is fully formed when the red marking on the anchor bolt is visible above the top edge of the sleeve. If anchor setting time exceeds 40 seconds for KUAB-01 and 02 anchors or 60 seconds for KUAB-03 anchors, remove the anchor and install a new anchor.



- 6) Remove the plastic thread protector cap. Secure the part to be fastened by using the conical spring washer and nut provided. Apply a torque not to exceed the maximum values given in the Specification Table. Torque is not required to set the anchor.