

TORQUE-CONTROLLED EXPANSION ANCHORS

PREPARATION

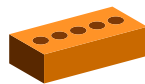
ENSURE THE RIGHT ANCHOR!



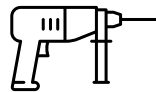
STRUCTURAL ANCHORS ARE VERY SENSITIVE TO INSTALLATION AND MUST BE INSTALLED ONLY IN CONJUNCTION WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DATA SHEET.



Check the overall conditions



DO YOU HAVE ALL THE RIGHT TOOLS?



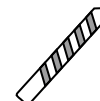
DRILLING TOOL



BRUSH



AIR PUMP



DRILL BITS



TORQUE WRENCH



INSTALLATION

1 DRILLING

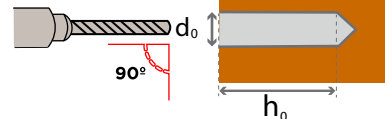


MAKE SURE YOU PUT YOUR NEW DRILL BITS



DRILL PERPENDICULAR!

NEVER USE ROTARY PERCUSSION WITHOUT CHECKING WITH SITE ENGINEER



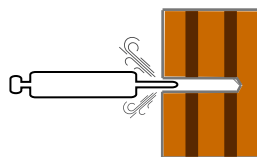
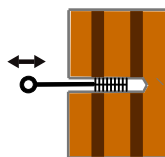
CHECK:

☐ DRILL DIAMETER = d_0

☐ HOLE DEPTH = h_0

2 HOLE CLEANING

BRUSHING + BLOWING*



CHECK!

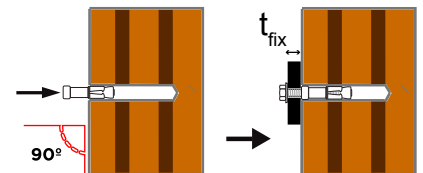
CLEANING DEPENDS ON TYPE OF MASONRY!

* CHECK MANUFACTURER'S DATA SHEET

3 INSERTING



INSERT PERPENDICULAR!
CHECK MANUFACTURER'S DATA SHEET FOR THE MAXIMUM THICKNESS t_{fix}



4 TIGHTENING



MEASURE!

TOO MUCH/LITTLE TORQUING IS DANGEROUS!