

How to build the core of a Stela

Tools:

- Hammer and Chisel
- hammer drill machine
- masonry drill 12 mm
- hacksaw (metal saw)
- file (for metal)
- open-end wrench 17 mm

Materials:

- 1 Stone (flagstone, tread plate)
- 1 stainless steel pipe (15mm thickness, 150 cm length)
- 2 stainless steel nuts (M10 = 10 mm hole)
- 2 stainless steel washers (10 mm hole)
- 2 Brass expansion anchors (M10)
- a stainless steel threaded rod (M10, 50 cm length)

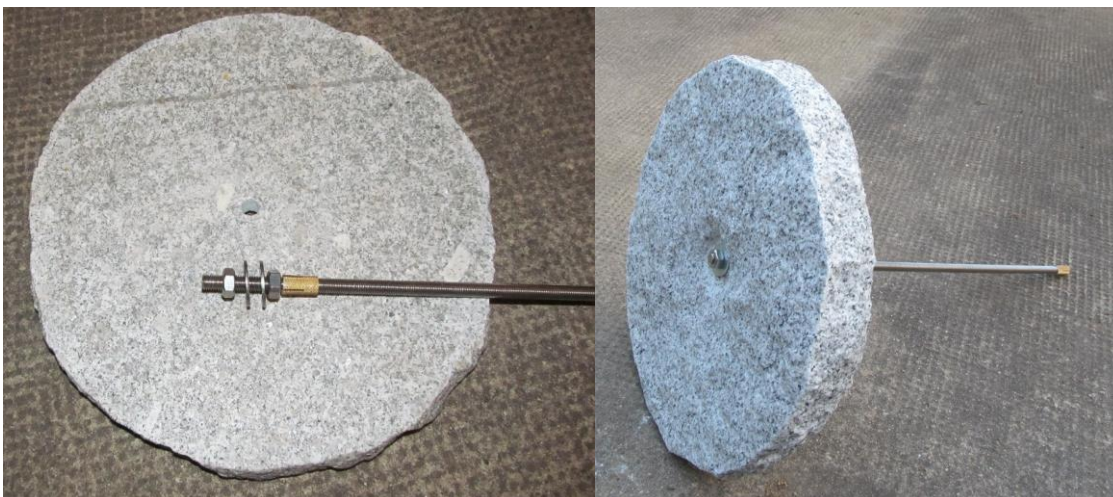
How to:

Drill a 10-12 mm hole into the Stone
prepare the "bad side" of the hole with a chisel to allow the nut
and washer to fit completely →

Cut one of the brass expansion anchors with a steel saw about 5 mm at the end, allowing the anchor to be screwed completely over the threaded rod (but don't remove too much in order to allow it to expand just so much that it fits into the tube)



Use the washers and nuts to fix the threaded rod onto the stone



Fix the second brass expansion anchor at the top of the threaded rod, allowing it a little bit expansion (just so much that it fits into the tube tightly)





pull the tube over the threaded rod and fix it with the expansion anchors by turning it to the right (the expansion anchor at the top of the threaded rod will fix it)

Ready for mounting your Artwork and building your own Stela...

Ute Walther, 2019