

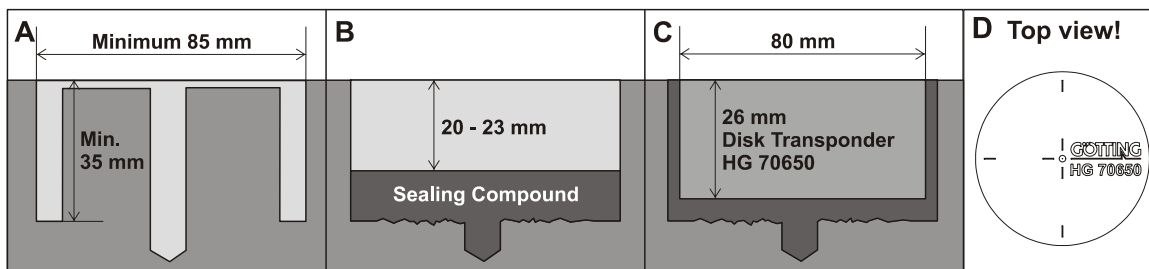
## Transponder Mounting Instructions

HG 70650xA

**Do not mount a transponder directly over metal!** The minimum distance around the transponder as shown in the box at the bottom should be observed. Due to its construction, the disk transponder is able to operate with less free space.

The following equipment will be required (not included in the scope of supply):

- Rotary hammer drill
- Core bit (ø 85 mm)
- ø 8 to 10 mm drill bit
- hammer and chisel
- spirit level or flat piece of wood
- suitable sealing material



1. It is recommended that a test hole be drilled prior to installing the transponder network.
2. The position of the transponder should be premarked and a centering hole should be drilled with an appropriate drill bit.
3. A hole may then be drilled with a diameter of 85 mm to a depth of approx. 35 mm (A). Any loose material must be removed and the floor of the hole has to be as even as possible (B).
4. Afterwards fill the hole with sealing compound up to a height of 20 to 23 mm below the road and place the transponder into position with its label uppermost (C and D).
5. A delay may be necessary in placing the transponder into position, dependent upon type and viscosity of the sealing compound.
6. The transponder is then to be pressed into the sealing compound with the aid of a spirit level or block of wood and hammer, so that the top of the transponder is level with the road surface. Any excess sealing compound must be removed.

### Minimum iron free distances around the transponders (in mm)

