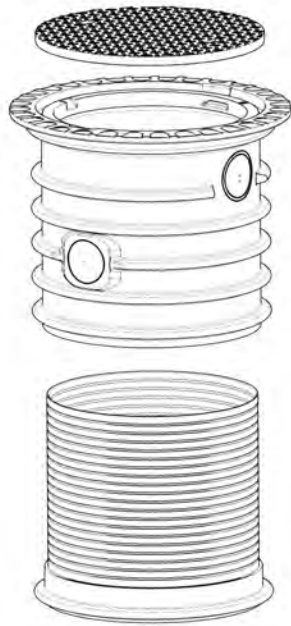


This document is brought to you by

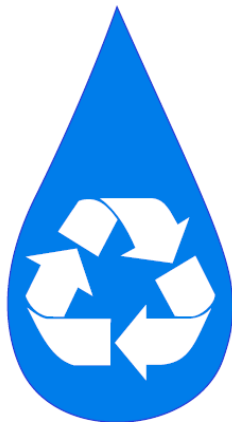


01371 850537 / [info@ohel.co.uk](mailto:info@ohel.co.uk) / [www.ohel.co.uk](http://www.ohel.co.uk)



# **Assembly and Installation Instructions**

## **Driveable Set**



## 1. Loads

### 1.1 Traffic loads

Axle load up to 2.2 Tonne

### 1.2 Load of the container

Minimum earth coverage above the container (point 3 figure 1 measure A2); depending on the type of the container - 600 mm.

Maximum earth coverage above the container (point 3 figure 1 measure A2); depending on the type of the container - 1500 mm.

## 2. Installation

### 2. 1 Filling material

#### 2.1.1 Backfilling of the shaft system

The backfill material (point 3 from figure 2 on) has to be well compactable, permeable, free from sharp objects as well as frost proof and may only have a minimal amount of clay and silt. Gravel sand, gravel or split with wide staged granulation up to 32 mm (**e.g. 0/32 or 2/16**) fulfil these requirements. The granulation spectrum must be made up of a variety of sizes to be able to produce close packing. If the filling material contains sharp or sharp-edged components, the wall of the tank has to be protected by a sandy coating.

Excavation soil of "filling sand" does not fulfil the above criteria in many cases.

Soil, loam or other cohesive soil types are not suitable for the backfilling.

#### 2.1.2 Filling beyond the backfill

Excavated soil (point 3 from figure 2 on) can be used if this is stable and permeable.

#### 2.1.3 Base layer

Chalk of the granulation spectrum 2/45 or equal (point 3 figures 2 and 5); the complete thickness of the layer depends on the traffic areas, often thickness of the base layer: 200 mm.

#### 2.1.4 Traffic areas (Point 3 figure 1 „S“)

Often used: Composite pavement or lawn grid elements on sand bedding / gravel bedding, complete height approx. 150 mm. Under the „flange“ of the BS 60 it has to be compacted with special care.

### 2.2 Execution of the installation

#### 2.2.1 Compacting (Point 3 from figure 3 on)

A hand stamper should be used (approx. 15 kg); (no machine usage)

#### 2.2.2 Product specific precautions

During the installation of the spacer ring (point 3 figure 3) distortion must be avoided, e.g. by pulling over and gradual pushing up on the shaft.

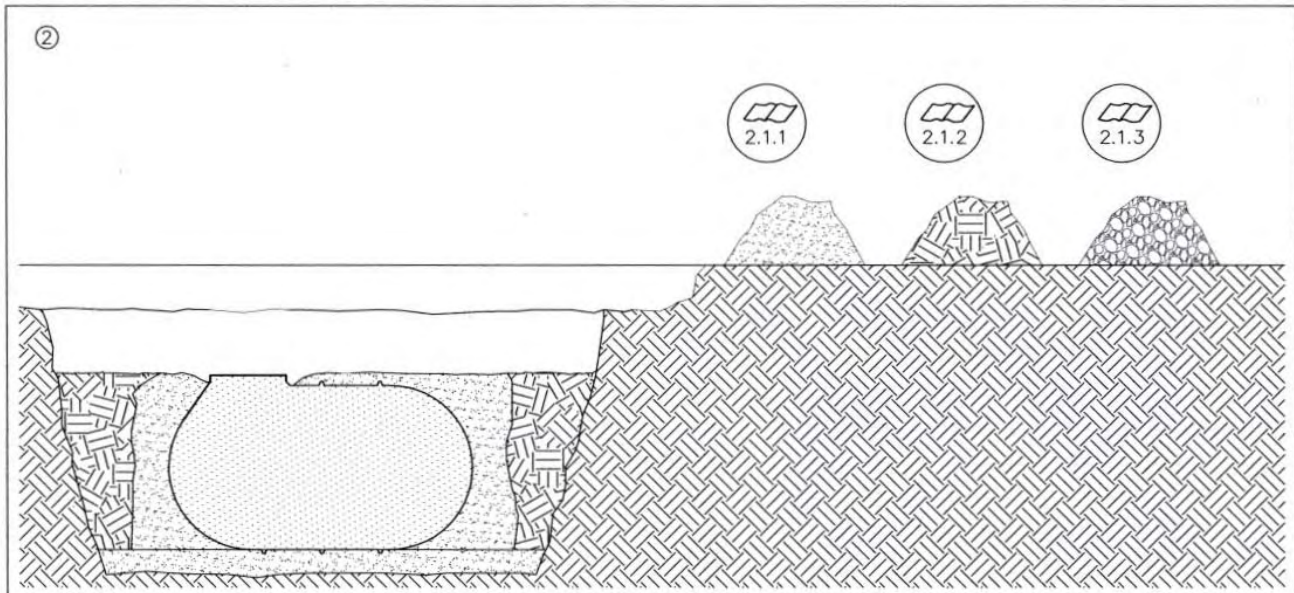
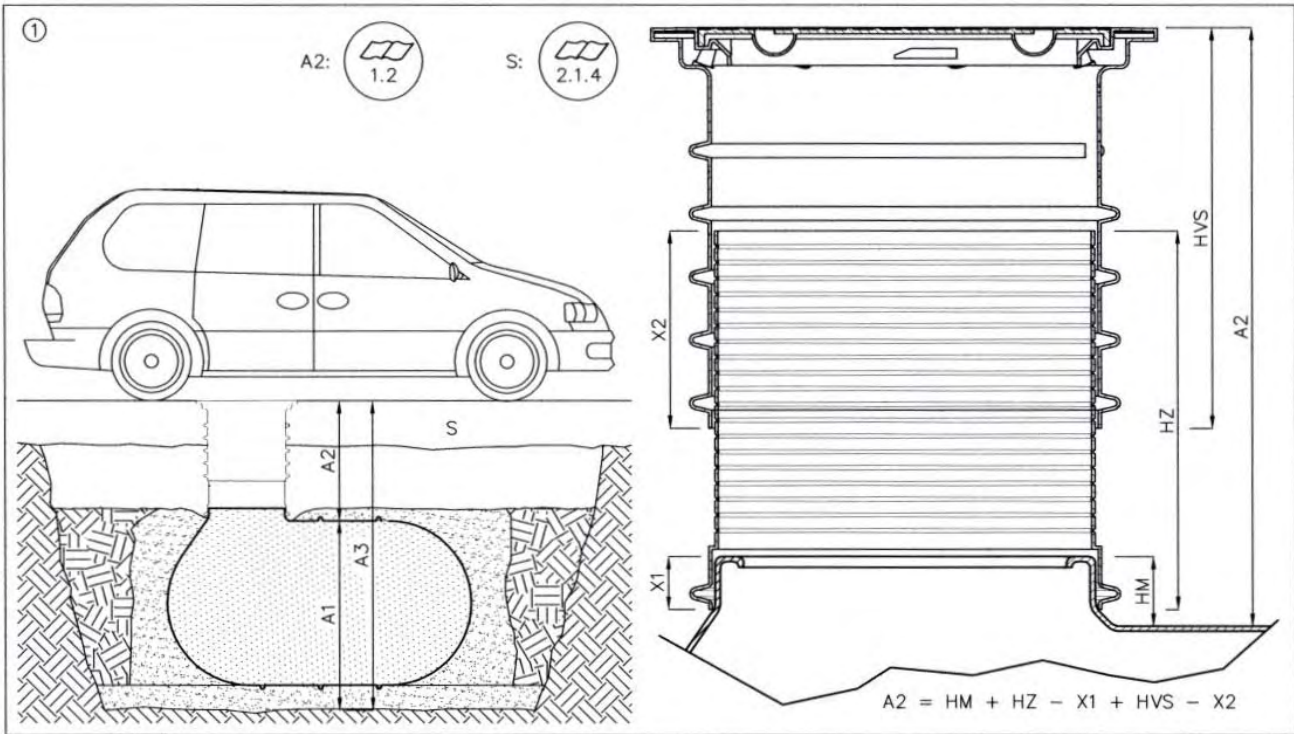
#### 2.2.3 Connections at the extension shaft BS 60

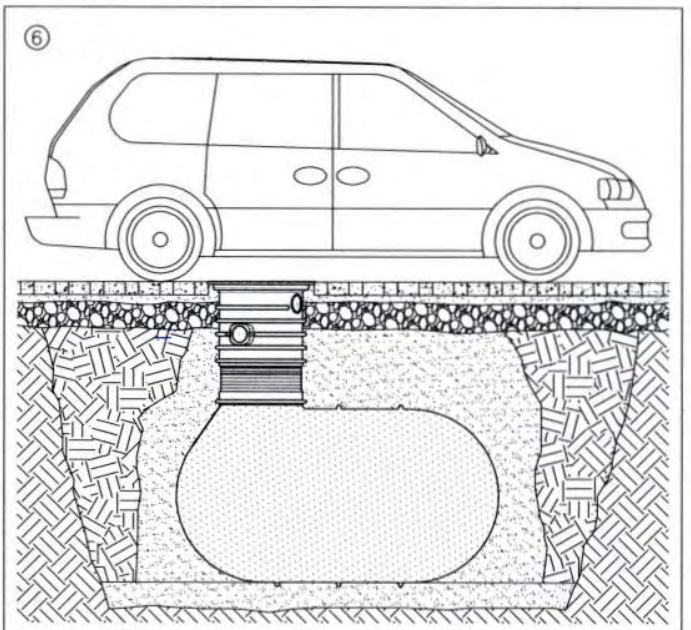
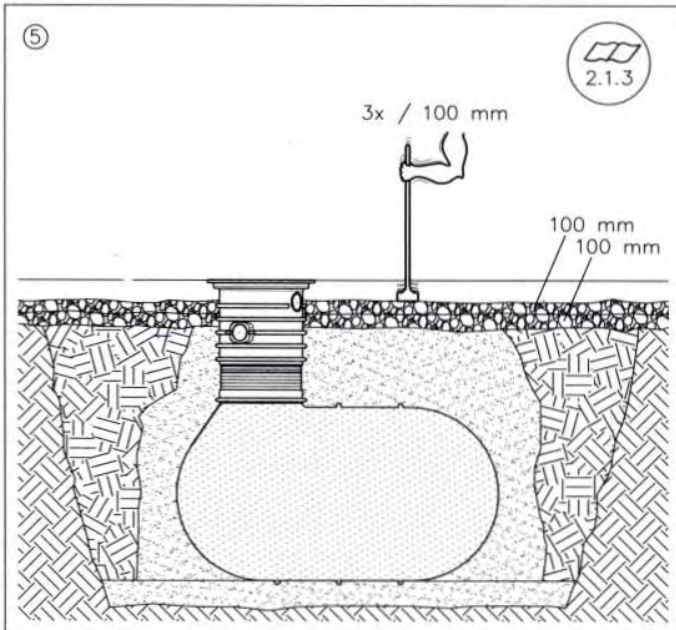
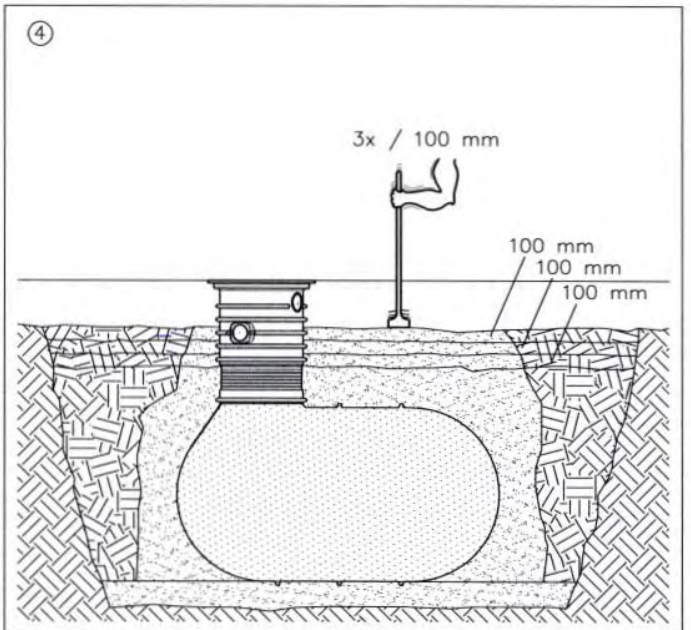
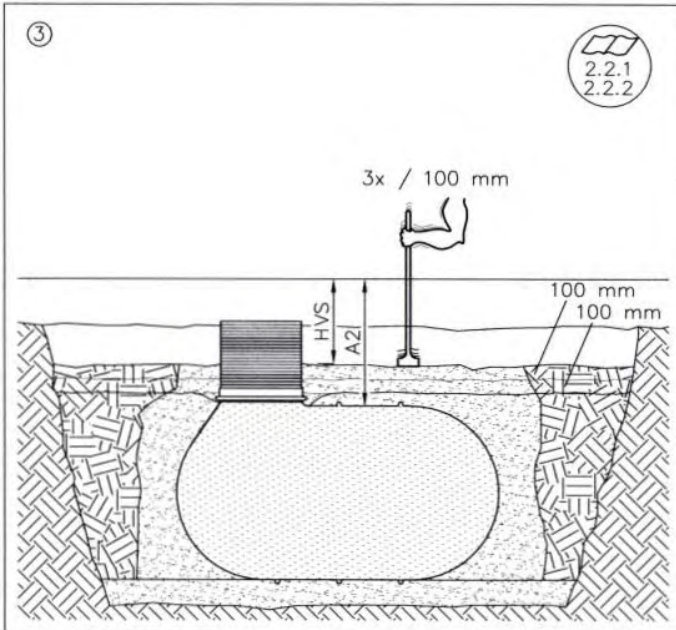
The connection areas have circular saw markings, which diameter is appropriate for the use of lamella gaskets DN 100 or DN 125. The sawing can be done with an appropriate hole saw or a jigsaw.

### 3. Installation



← Notes for further information in chapter

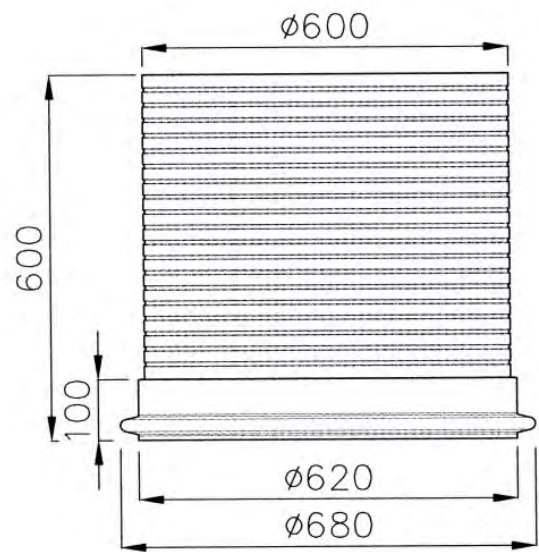
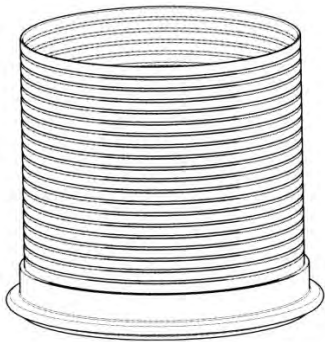




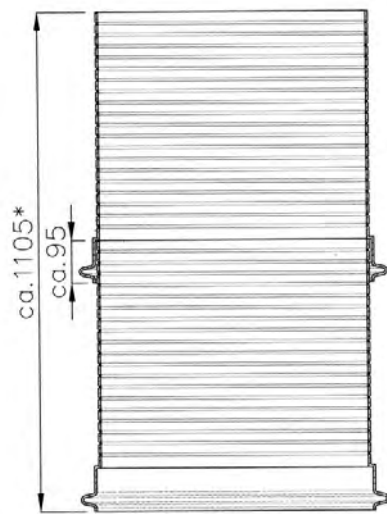


## 4. Components

### 4.1 Spacer ring



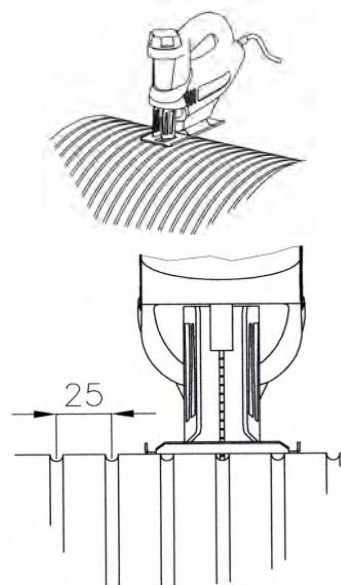
#### Extension



Extension is possible.

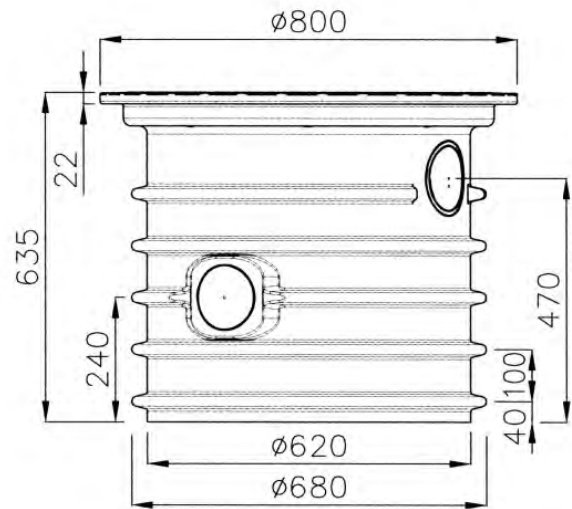
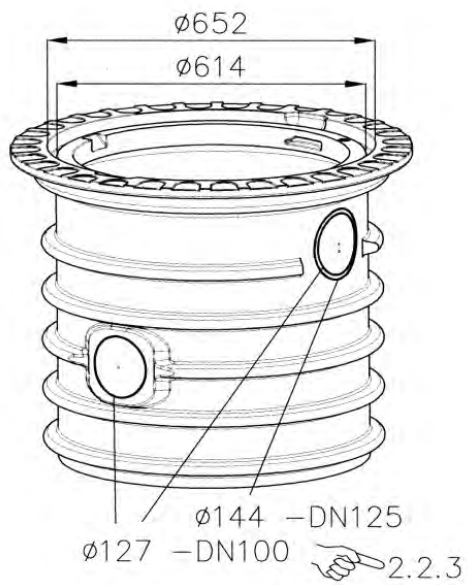
\* Size may be shortened by cutting the spacer ring.

#### Shortening

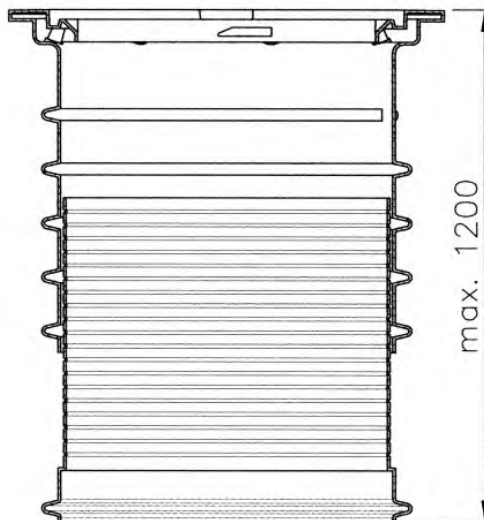


.... by jigsaw, handsaw or similar

## 4.2 Extension shaft BS 60

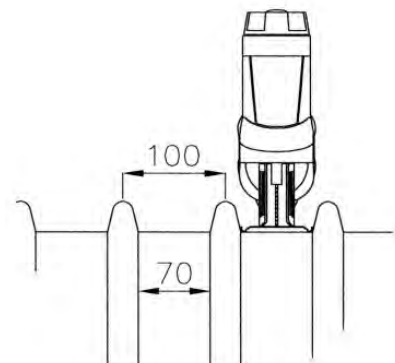
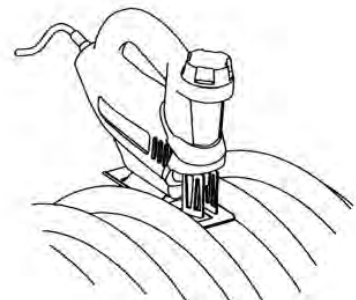


### BS 60 Extension



.... by spacer ring (RWDS0045).  
The spacer ring can be shortened.  
Deeper installation: 2 spacer rings  
(Consider max. installation depth!)

### BS 60 Shortening



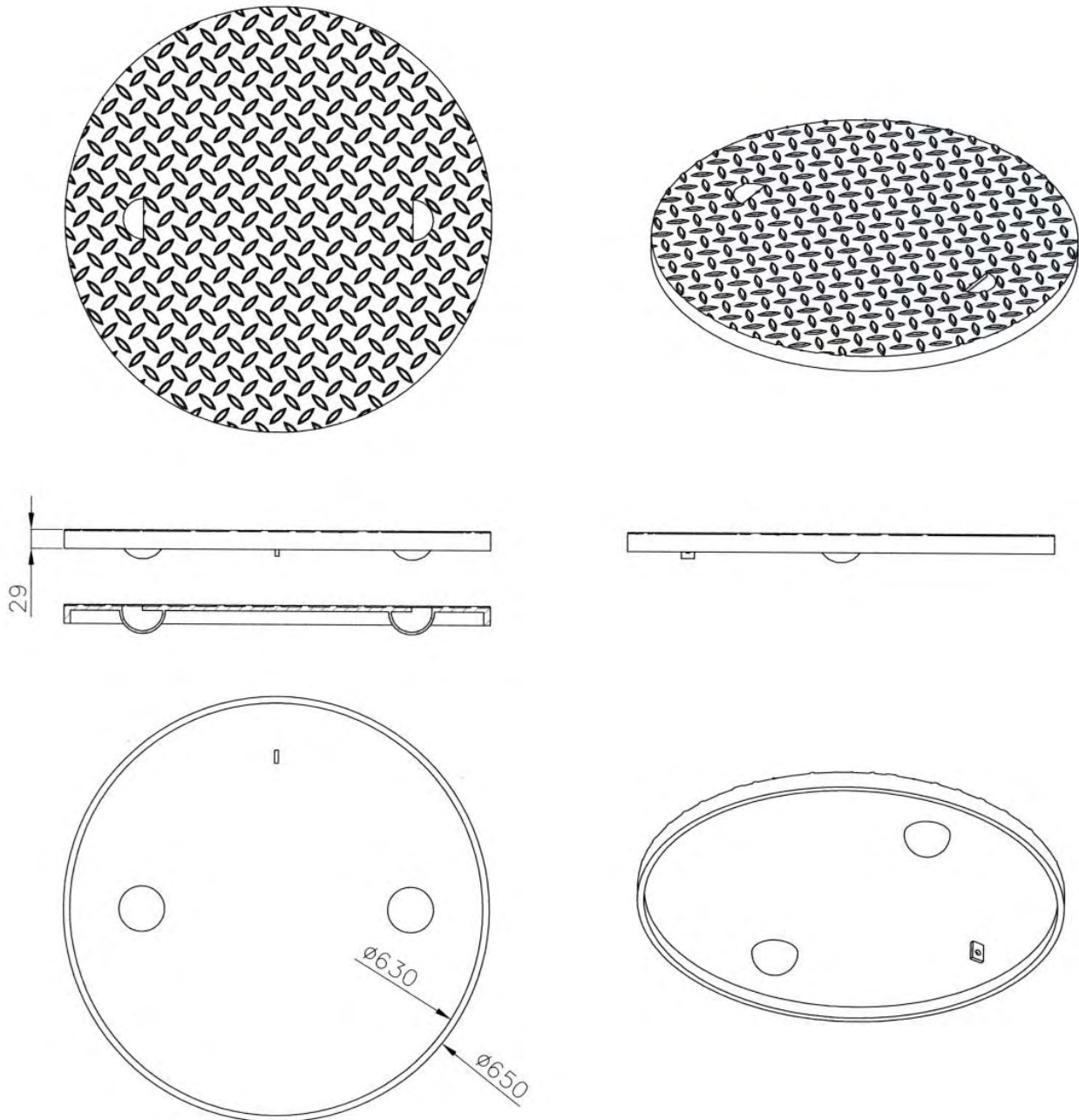
.... by jigsaw, handsaw or similar

### 4.3 Steel Cover

Max. load: 2.2 Tonne axle load

Weight >2 kg: child secure by own weight

Fits to almost every adapter frame, e.g. DIN 19596



REWATEC GmbH Januar 2010

Technical changes and rights reserved. No liability for misprints

The contents of the technical documentation are a component of the guarantee terms

Planning and installation regulations are to be followed, as well as the accident prevention regulations.