

CASING TUBES AND ACCESSORIES

For soil drilling and sampling under the ground-water level or in non-cohesive soils casing tubes are used to avoid collapsing of the borehole.

Casing tubes are also used when placing monitoring wells or groundwater sampling tubes, or when drilling wells.

In the program of Eijkelkamp Agrisearch Equipment various casing tubes have been included. The casing tubes have been fitted standard with left hand screw thread. Drilling is usually a clockwise action, the casing tube threading must therefore be anti-clockwise as otherwise the auger would loosen the casing tubes as soon as it gets stuck, which would then cause the loss of the casing tube or the casing shoe.

The casing shoes are provided in two designs: one with slotted notches in particular for use in clay and with welded notches for other types of soil.

The casing shoe with welded notches cuts an over-size hole causing less shaft friction on the tube. If worn new notches can be welded on.

25.09 Synthetic casing tubes and accessories, diameter 90 mm

All synthetic casing tubes have been manufactured of impact-resistant plastic (so called ABS) and have been fitted with steel screw thread sockets. The length is 1 m. They have been fitted with left hand, coarse, round, inside screw thread. The screw thread closes in 2 1/4 turns. An O-ring on the screw thread socket seals it for fine sand. In order to protect the screw thread during transport special thread protectors are available.

When turning in the casing tubes, the casing shoe with the slotted notches protects the lower tube and simplifies the turning in of the casing tubes. In order to protect the top tube a steel casing head can be provided.

Casing tube clamps with adjustable quick fastener are available for turning-in and extracting the casing tubes.

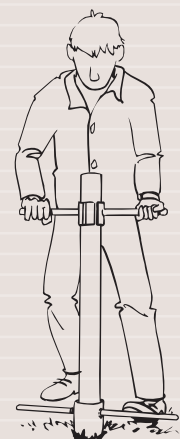


P1.25
Parts List
Pg 312

When in operation the bailer creates space below the casing tube, allowing the tubes to be driven further into the soil.



Using the casing tube clamps the casing tubes can be unscrewed and taken apart.



Casing tubes and accessories diameter 90 mm



P1.25
Parts List
Pg 312



CASING TUBES AND ACCESSORIES

25.12 Synthetic casing tubes and accessories, diameter 125 mm

The casing tubes with a 125 mm diameter and a length of 1 meter are supplied with steel lifting caps. These casing tubes too have left hand, coarse, round, screw thread and closes in 2¼ turn.

For this diameter casing tubes various accessories are available too, such as synthetic thread protectors, steel casing heads, and a lifting cap used to extract the casing tubes in combination with a tripod. The casing shoe (length 10 cm) with a diameter of 125 mm is fitted with welded notches. The steel casing tube clamps have been fitted with a closure using a threaded spindle.

25.16 Synthetic casing tubes and accessories, diameter 160 mm

The casing tubes with a 160 mm diameter and a length of 1 meter are supplied with similar accessories. The tube clamp comes as an extra heavy design with two swiveling arms for shaking and 2 bars for clamping.

25.22 Steel casing tubes and accessories, diameter 220 mm

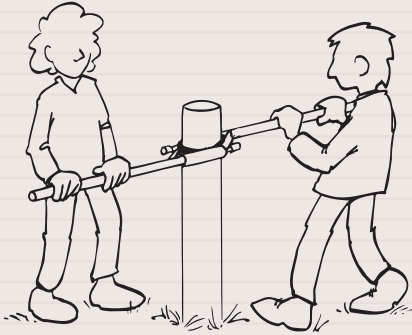
The fully steel casing tubes with a diameter of 220 mm and a length of 1 meter have also been fitted with left hand, coarse, round, screw thread and which closes in 6 turns.

The relatively thin walled casing tubes have been fitted with welded, thick walled, lifting caps. This keeps the weight of the casing tubes reduced. In order to protect the screw thread during transport special steel thread protectors are available. The steel casing shoe with welded notches has a length of 100 cm.

The casing tube clamp comes as an extra solid design with two swiveling arms for shaking and 2 bars for clamping.

On request tubes with other diameters and accessories can be delivered.

Using a heavy design casing tube clamp the casing tubes are turned into the soil.



Casing tube with casing shoe 220 mm



Casing tube clamp 160 mm