

# SOIL SAMPLE RING KITS



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Soil research is a very important aspect of the planning as well as the execution of agricultural and civil engineering projects.

The basis of a soil research is making a study of:

- The soil profile.
- The physical properties of the soil.

The physical properties of soils are largely determined in the laboratory. Such laboratory studies usually require undisturbed soil samples, preferably with uniform dimensions. To meet these needs, soil samples are taken in rings of known volume and diameter. For the collection of undisturbed soil samples in soil sample rings, various sampling sets have been developed.

## Soil sample ring kits

The various sets are different from each other because of the ring holder applied, the diameter of the rings, the connection selected and the sampling method.

### 07.53.SA Sample ring kit, model A, for soft soils to a depth of up to 2 m

The sample sets with the postfix SA are applied to fill the soil sample rings in soft soils above the groundwater level.

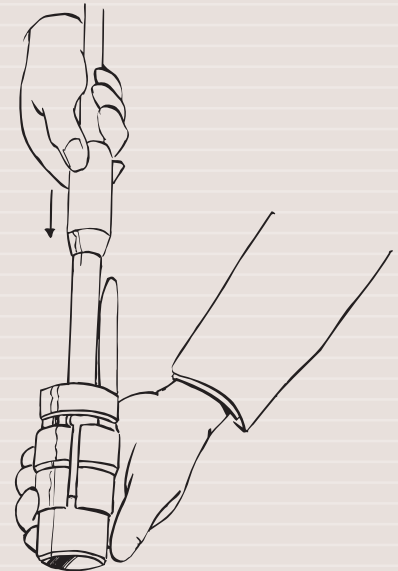
The samples can be taken on the surface, in bore holes or in profile pits. The open ring holder in this set is fitted with a bayonet connection and is driven into the soil manually.

The set, among other items, contains: an open ring holder, an Edelman- and a Riverside auger, a handle and extension rods, an aluminium case with soil sample rings, various accessories and a carrying bag.

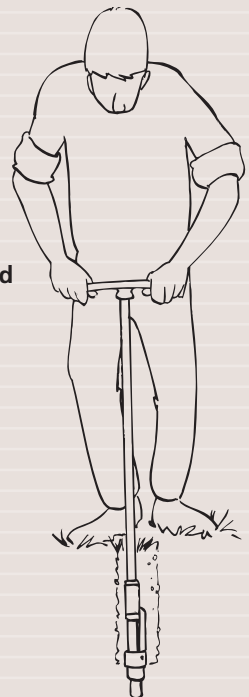
The sample sets with the postfix SA can be obtained for soil sample rings with a diameter of 53 and 60 mm. The most commonly applied (standard) diameter is 53 mm.

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After the ring has been placed in the open ring holder it is locked with the lever.



The soil sample ring is driven into the bottom of the pre-augered hole.



Sample ring kit for soft soils

## BENEFITS

### 07.53.SA Soil sample rings kit

- The ideal kit for soft to very soft soils
- Lowest disturbance; no pre-cutting ring holder
- Accurately machined stainless steel rings
- Rings have a very accurate volume



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