



Eijkelkamp offers fifty years of engineering and manufacturing experience to the environmental industry. Their attention to detail, superior craftsmanship and great engineering as well as professional service make them a leader in the industry. They supply a complete range of equipment for environmental and agricultural research.

## Eijkelkamp One- Piece Auger

These augers are a one-piece welded construction. They can be used down to a depth of approximately 1 meter. To protect against humidity and rust, all steel parts which do not come into contact with the soil are zinc-plated. The augers are rugged, yet light.

**EIJ01.01.02.07.1 - (7cm) One Piece Combination Soil auger**

**EIJ01.05.00.07.1 - (7cm) One Piece (7cm) Stony Soil auger**

**EIJ01.03.00.07.1 - (7cm) One Piece (7cm) Riverside Soil auger**

## Eijkelkamp Extendable Auger

These augers can be used with extension rods, enabling them to be used at varying depths. Maximum depth obtainable depends upon ground water level, the type of soil and its components. The extendable augers consist of a top and a bottom part. The standard top is a one-piece crossbar handle welded to the shaft; the bottom is an auger welded to a shaft.

They are available with the bayonet style connection where the two parts to be joined (top and bottom of auger, or extension rods) are clamped into each other, then a coupling sleeve is pushed down to lock the connection. The bayonet style provides a quick and easy coupling without the use of tools resulting in no jamming of the connection under adverse working conditions.

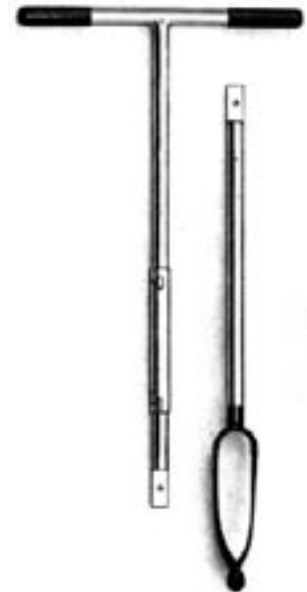
**EIJ 01.10.01B - T-Handle**

**EIJ01.10.07B - One Meter Extension**

**EIJ.01.02.02.07B - 7cm diameter Combination Auger head only**

**EIJ.01.04.00.07B - 7cm diameter Riverside Auger head only**

**EIJ.01.06.00.07B - 7cm diameter Stony Soil Auger head only**



Bayonet Style Connection

**For more information on the  
complete Eijkelkamp product line  
call us at 1-800-561-3600**

### Combination (Dutch) Auger



This auger will accommodate different soil types. Widely used for the study of soil composition, profile, and soil mapping. A screw-like point at the lower end of the auger body enters into the soil as you simultaneously push and turn the auger clockwise. The soil sample is guided into the auger body by the two vaulted vertical cutting blades. The vaulted design not only promotes soil digging, but also ensures a firm hold of the sample in the auger. The blades are welded to a bow bracket, which is connected to the auger rod. The less cohesive the soil, the wider the auger blades necessary to hold the sample in place. Very cohesive soils, like clay, will stay in an auger with narrow blades.



**EIJ01.01.02.07.1 -One Piece Combination Soil auger(7cm)**

**EIJ 01.10.01B - T-Handle**

**EIJ.01.02.02.07B - 7cm diameter Combination Auger head only**

### Riverside (Bucket) Auger

For hard and brittle soils, both above and below the ground water table. The auger body consists of an iron tube with two sharp auger bits at the base and a bow bracket on the top connecting to a rod. The diameter of the auger bit is slightly larger than that of the auger tube, so friction between the soil and tube is minimised. The Riverside auger eats itself into the soil when it is pushed downwards and rotated clockwise. Because of its closed sides, this type of auger is not recommended for use in wet cohesive soils. It works best in hard and brittle soils, such as very dry clays, stiff loamy soils, and soils mixed with fine gravel, both above and below the ground water. Riverside augers are available in two-piece bayonet-style



**EIJ01.03.00.07.1 -One Piece Riverside Soil auger(7cm)**

**EIJ 01.10.01B - T-Handle**

**EIJ.01.04.00.07B - 7cm diameter Riverside Auger head only**

### Stony Soil Auger

Augers for use in stony soils are heavy, rigid and very strong. The heavy steel construction of the stony soil auger enables it to capture stones and allow lighter material to also remain in the auger. Available in the two-piece bayonet-style.

**EIJ01.05.00.07.1 -One Piece Stony Soil auger(7cm)**

**EIJ 01.10.01B - T-Handle**

**EIJ.01.06.00.07B - 7cm diameter Stony Soil Auger head only**



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