

Haglöf Sweden AB

Survey

Tools and instruments for your field survey

Survey - Product folder 2022

Tools and instruments for your field survey.

Increment borers with accessories, increment hammer, tree core reader, soil sampler, bark gauge, and more that simplify and ensure the quality of field data collected.

Haglöf Borer



Increment Borers

Largest assortment of increment borer, you will find the borer you need!

With the world's largest assortment of increment borer brands, models and sizes, you will find the borer you need!

Haglöf Sweden increment borers have blue handles with grip friendly plastic material and a metallic lock. The borer bits are made from hardened steel with PTFE-coating for protection and reduced friction.



Length

Borers are available from 100 mm or 4" up to 1000 mm or 39". For optimal penetration depth, the borer bit should be approximately one half to three quarters of the tree's diameter.

Core Diameter

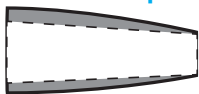
Standard core diameters are 4.3 mm or 5.15 mm (0.169" and 0.200").

10 and 12 mm diameter borers are available in assorted lengths and are mainly used for quantitative analyses where large samples are necessary.

Threading

Borers are available as either 2 or 3-thread options. The 2-threaded borers are recommended for hardwood. 3-threaded borers are the most popular, and tend to engage more quickly and take faster samples.

Borer tip



The borer tip with thread has a unique convex arc-shape to easily penetrate and cut the tree fibre.

Coating

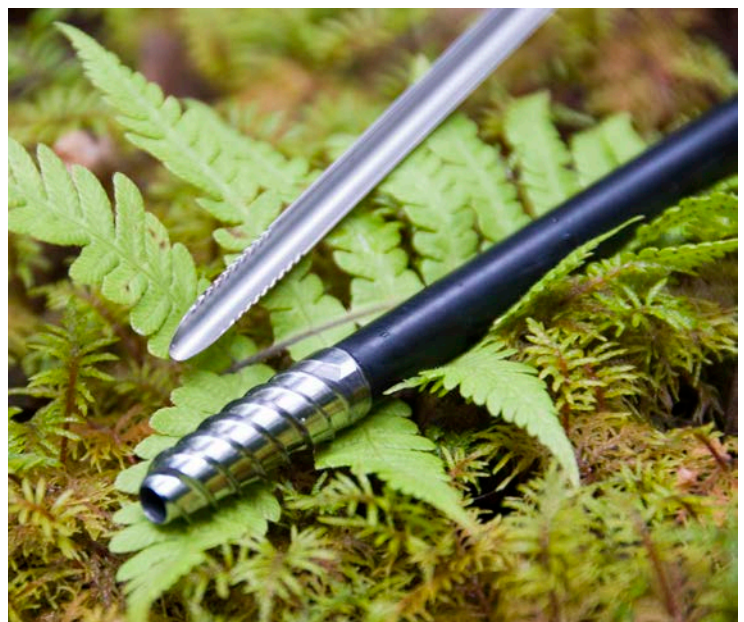
The increment borer bits are treated and protected with PTFE-coating which reduces friction and protects against corrosion.

Extractor

The extractors are made of stainless steel and designed to easily pull out core samples.

Complete increment borer

A complete increment borer includes the handle, a borer bit and an extractor in selected length and model. Borer bits and extractors can be purchased separately.



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Model

- 5,15 mm/0.200" Sample core diameter
- 2-thread

Handle, Borer bit and Extractor

Bit length	Sample Core diameter	Thread
100 mm/4"	5.15/0,200"	2-thread
150 mm/6"	5.15/0,200"	2-thread
200 mm/8"	5.15/0,200"	2-thread
250 mm/10"	5.15/0,200"	2-thread
300 mm/12"	5.15/0,200"	2-thread
350 mm/14"	5.15/0,200"	2-thread
400 mm/16"	5.15/0,200"	2-thread
450 mm/18"	5.15/0,200"	2-thread
500 mm/20"	5.15/0,200"	2-thread
600 mm/24"	5.15/0,200"	2-thread
700 mm/28"	5.15/0,200"	2-thread
800 mm/32"	5.15/0,200"	2-thread
1000 mm/39"	5.15/0,200"	2-thread

Model

- 4,3 mm/0.169" Sample core diameter
- 2-thread

Handle, Borer bit and Extractor

Bit length	Sample Core diameter	Thread
100 mm/4"	4.3/0,169"	2-thread
150 mm/6"	4.3/0,169"	2-thread
200 mm/8"	4.3/0,169"	2-thread
250 mm/10"	4.3/0,169"	2-thread
300 mm/12"	4.3/0,169"	2-thread
350 mm/14"	4.3/0,169"	2-thread
400 mm/16"	4.3/0,169"	2-thread
450 mm/18"	4.3/0,169"	2-thread
500 mm/20"	4.3/0,169"	2-thread

Model

- 10 mm/0.400" Sample core diameter
- 2-thread

Handle, Borer bit and Extractor

Bit length	Sample Core diameter	Thread
300 mm/12"	10mm/0,400"	2-thread
400 mm/16"	10mm/0,400"	2-thread
500 mm/20"	10mm/0,400"	2-thread
1000 mm/39"	10mm/0,400"	2-thread



Model

- 5,15 mm/0.200" Sample core diameter
- 3-thread

Handle, Borer bit and Extractor

Bit length	Sample Core diameter	Thread
100 mm/4"	5.15/0,200"	3-thread
150 mm/6"	5.15/0,200"	3-thread
200 mm/8"	5.15/0,200"	3-thread
250 mm/10"	5.15/0,200"	3-thread
300 mm/12"	5.15/0,200"	3-thread
350 mm/14"	5.15/0,200"	3-thread
400 mm/16"	5.15/0,200"	3-thread
450 mm/18"	5.15/0,200"	3-thread
500 mm/20"	5.15/0,200"	3-thread
600 mm/24"	5.15/0,200"	3-thread
700 mm/28"	5.15/0,200"	3-thread
800 mm/32"	5.15/0,200"	3-thread
1000 mm/39"	5.15/0,200"	3-thread

Model

- 4,3 mm/0.169" Sample core diameter
- 3-thread

Handle, Borer bit and Extractor

Bit length	Sample Core diameter	Thread
100 mm/4"	4.3/0,169"	3-thread
150 mm/6"	4.3/0,169"	3-thread
200 mm/8"	4.3/0,169"	3-thread
250 mm/10"	4.3/0,169"	3-thread
300 mm/12"	4.3/0,169"	3-thread
350 mm/14"	4.3/0,169"	3-thread
400 mm/16"	4.3/0,169"	3-thread
450 mm/18"	4.3/0,169"	3-thread
500 mm/20"	4.3/0,169"	3-thread

Model

- 12 mm/0.500" Sample core diameter
- 2-thread

Handle, Borer bit and Extractor

Bit length	Sample Core diameter	Thread
300 mm/12"	12mm/0,500"	2-thread
450 mm/18"	12mm/0,500"	2-thread
800 mm/32"	12mm/0,500"	2-thread

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Djos Increment Borer



Design as the original old "Djos" brand borers!

Increment borers are used to determine quality, growth, age and Djos will do it!

The original Djos design produced with new high precision technique to maintain Djos unique qualities!

Djos



- Old design in new form as the original Djos borers
- Back threading allows the user to easily back borer out
- Hardened high quality Swedish steel

- The Djos style borer bits are produced with hardened high quality Swedish steel
- Produced in a high precision grinding machine that gives all borers the same high quality
- Each borer bit has been PTFE-coated to reduce friction and enhance protection against corrosion
- The borer bit tip is polished and has the classic original Djos conical shape with back-threading for easy backing out of wood
- Reinforced borer handles with plastic coating allow for protection, good grip and high visibility.
- The stainless steel core extractors are individually controlled for exact fit

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The Djos borers

- Swedish high quality hardened steel.
- Conical borer tip with back threading.
- PTFE-coated for reduced friction and enhanced protection against corrosion.
- Grip friendly handle with stainless steel borer-bit lock
- Stainless steel core extractors

Length

Borers are available from 150 mm or 6" up to 400 mm or 16".
For optimal penetration depth, the borer bit should be approximately one half to three quarters of the tree's diameter.

Core Diameter

Core diameters are 5.15 mm (0.200").

Threading

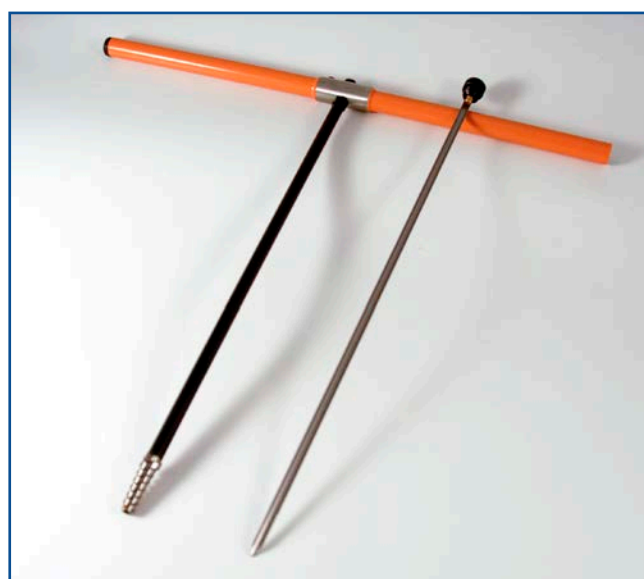
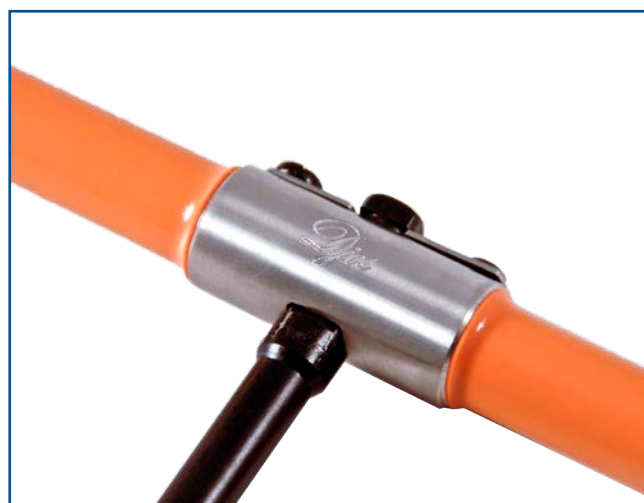
All borers are available as 3-thread borer bits.

Coating

The borer bits are made from hardened steel with PTFE-coating to reduced friction and guard against corrosion.
Plastic coated handles in bright orange.

Complete increment borer

A complete increment borer includes the handle, borer bit and extractor in selected length and model. Borer bits and extractors can be purchased separately.



Djos Standard Increment Borers

- 5,15 mm/0.200" Sample core diameter
- 3-thread

Handle, Borer bit and Extractor

Bit length	Sample Core diameter	Thread
150 mm/6"	5,15/0,200"	3-thread
200 mm/8"	5,15/0,200"	3-thread
250 mm/10"	5,15/0,200"	3-thread
300 mm/12"	5,15/0,200"	3-thread
350 mm/14"	5,15/0,200"	3-thread
400 mm/16"	5,15/0,200"	3-thread

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Mattson Increment Borers



The original Mattson borers

Borer with true craftsmanship in every detail!

The Mattson borers have brass detail handles and the borer bits feature a chemical nickel phosphorus coating that provides a very hard surface and effective corrosion protection.

Est. 1889
Mattson

With over a century of manufacturing expertise, the craftsmanship perfection in a Mattson borer ensures a durable precision product that you can rely on.



- Produced in a high precision grinding machine that gives all Mattson borers the consistent high quality
- A grip-friendly blue handle with stainless steel bit lock and brass end-caps.
- Borer bits are made of hardened high quality steel with a chemical nickel phosphorus coating to provide a very hard surface and effective corrosion protection
- Borer tip with thread featuring a convex arc-shape to easily penetrate and cut and engage the sample specimen.
- Stainless steel extractor with brass knob and unique teeth for easy sample removal.
- All parts carefully shaped into one perfect Mattson!

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And. Mattson Original

The Original increment borer since 1889



The Mattson borer

- Hardened high quality Swedish steel
- Chemical nickel phosphorus coating
- Convex arc-shaped borer tip
- Grip friendly handle with stainless steel borer-bit lock
- Stainless steel extractor with brass knob and unique teeth

Length

Available from 100 mm or 4" up to 500 mm or 20".

For optimal penetration depth, the borer bit should be approximately one half to three quarters of the tree's diameter.

Core Diameter

Standard core diameters are 3.5 mm, 4.3 mm or 5.15 mm (0.137, 0.169" and 0.200") depending on length.

Threading

All borers are available as 3-threaded borers except for the original model "No 905".

The original No 905 increment borer is a 2-threaded borer bit and is 500mm/20" with special features and extra durability - exclusively produced for the Mattson brand.

Complete increment borer

A complete increment borer includes the handle, borer bit and extractor in selected length and model.

Borer bits and extractors can be purchased separately.

Model

- 4.3mm/0.169" Sample core diameter
- 3-thread

Handle, Borer bit and Extractor

Bit length	Sample Core diameter	Thread
200 mm/8"	4.3/0,169"	3-thread
250 mm/10"	4.3/0,169"	3-thread
300 mm/12"	4.3/0,169"	3-thread

Model

- 5,15 mm/0.200" Sample core diameter
- 3-thread

Handle, Borer bit and Extractor

Bit length	Sample Core diameter	Thread
100 mm/4"	5,15/0,200"	3-thread
150 mm/6"	5,15/0,200"	3-thread
200 mm/8"	5,15/0,200"	3-thread
250 mm/10"	5,15/0,200"	3-thread
300 mm/12"	5,15/0,200"	3-thread
400 mm/16"	4.3/0,169"	3-thread

Model

- 3,5mm/0.138" Sample core diameter
- 3-thread

Handle, Borer bit and Extractor

Bit length	Sample Core diameter	Thread
200 mm/8"	3,5/0,138"	3-thread

Model "No 905"

- 3,5mm/0.138" Sample core diameter
- 2-thread

Handle, Borer bit and Extractor

Bit length	Sample Core diameter	Thread
500 mm/8"	3,5/0,138"	2-thread



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Borer Accessories

Accessories Increment Borers

Facilitate - Store - Maintenance - Control

With the world's largest range of incremental borer brands, models and sizes, Haglöf Sweden also provides aids to facilitate sampling, maintenance, storage and control of the core samples.



Borer Starter

Increment Borer Holster



Foldable borer starter for easier boring into the tree and to obtain quality cores in frozen wood and hardwood. The borer starter can prolong the lifetime of your borer bit by reducing the pressure on the bit.

Coretax Sharpening Kit



Sharpening kit with unique sharpening stones, a whetstone, beeswax, a large cork, oil and sand. The beeswax is used for tip protection and lubrication.



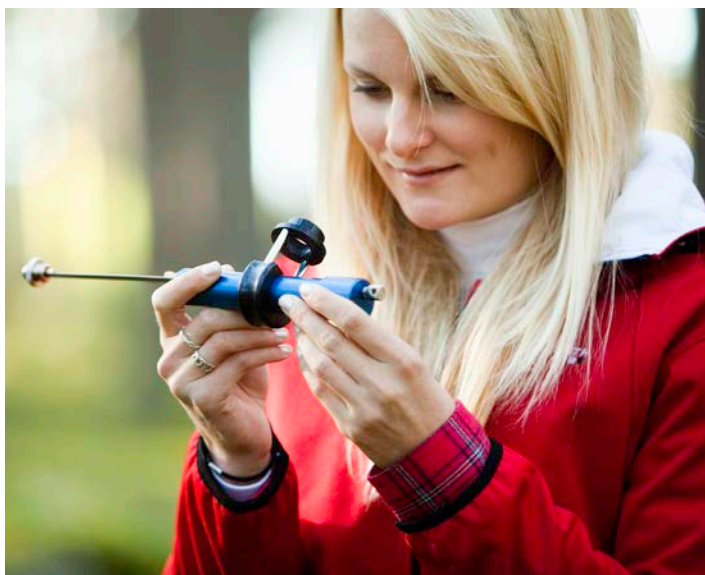
Leather belt holster to keep your increment borer assembled, yet out of the way while you move in the forest. Lengths of 200mm/8", 300mm/12" or 400mm/16" borer available.

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Tree Core Reader

Access information on quality, age, growth, fertilization results, climate effects and more by studying the extracted wood core.

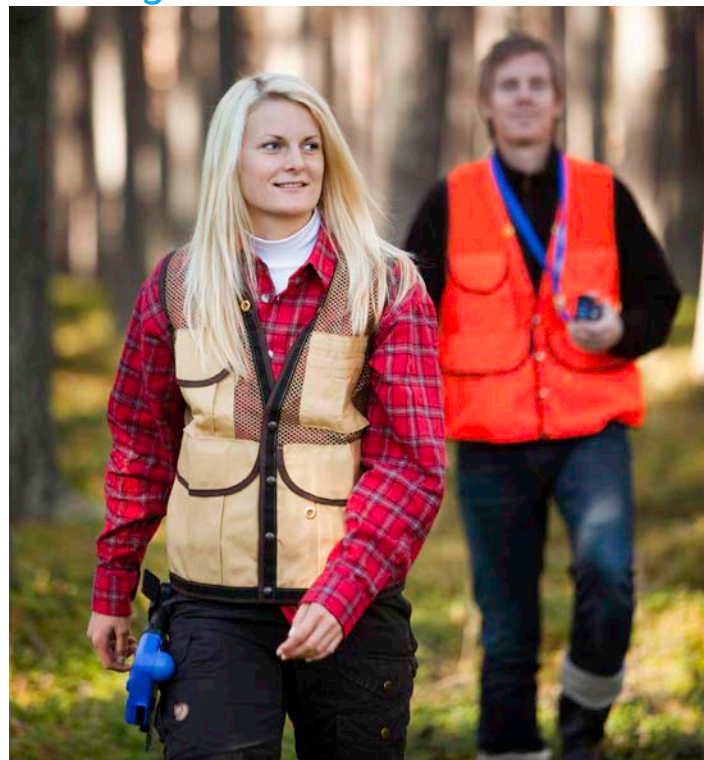


Haglöf Sweden's borers are used to determine increment, age and quality of trees. An extracted wood core offers inside details on tree age, increment, climate, fertilization, growth rates, water supply, fires, prior damage and diseases. The core is valuable both for research and in industrial production.



The field adapted Tree Core Reader can be used to study extracted wood cores with accuracy and ease in the field. The Tree Core Reader allows for examination of wood cores up to 12cm/5" with core diameter up to 5.15mm/0.200". High quality optics with 6X magnifying glass.

Cruising Vest



Keep instruments and tools in the right place with the Haglöf Cruising Vest. Breathable all-season nylon mesh material in beige or orange colors. Outside pockets, inner pockets, snap front closure and pocket with roll flagging dispenser. Sizes M-XXL.

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Sampling Equipment



Sampling Equipment and Accessories

Facilitate - Sampling - Equipment - Maintenance - Control

With the world's largest range of increment borer brands, Haglöf Sweden also provides other sampling equipment for Bark, Growth, Soil and Basal area.



Bark Gauge



Small and convenient tools to measure bark thickness. Bark gauge available in mm or inch graduation.

Factor Gauge

Haglöf Sweden - Factor Gauge make it quick and easy to calculate a basal area.



Transparent plastic with sharp bevelled edges to optimally determine if the trees should be counted or not. Practical grip for index finger and thumb. Bowl grip for thumb and index finger to consistently hold it in the correct manner.

Available in two models (Metric or Imperial) with four BAF factors to choose from, 2 factors per side.

Chain length 60 cm / 24" in.

Metric Factor Gauge: BAF options: 0.5, 1, 2 and 4

Imperial Factor Gauge: BAF options: 5, 10, 20 and 40

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