Specimen Holders

- Specimen holders for all sample shapes and sizes
- Specimen holders for mounted, unmounted or irregular specimens
- Interchangeable from one machine to another
- Holders available in 140, 160 and 200 mm dia.
- Stainless steel or light-weight aluminium holders
- Dual clamping for increased capacity
- Up to 12 specimens can be clamped at a time
- Adjustable hole diameter provides increased flexibility
- Save valuable time by easy and fast clamping
The basis of a perfect preparation

Automatic preparation of materialographic specimens requires a level clamping of the specimens in specimen holders.

Struers offers a wide range of specimen holders for clamping of 3 or more mounted or unmounted specimens. All kinds of shapes and sizes can be clamped.

All specimen holders have the same type of coupling, which makes them interchangeable from one Struers machine to another.

The range of specimen holders includes 140, 160 and 200 mm dia. sizes in both stainless steel and aluminium.

Holders for mounted or unmounted specimens

For mounted, unmounted or irregular specimens, Struers offers a number of special specimen holders with teardrop or rectangular holes.

Specimen holders with rectangular holes can hold specimens up to 70x53 mm and you avoid having to cut the specimen into smaller pieces.

Specimen holder with clamps

This holder comes in handy when you need to clamp wire ends or plates. Three individual, detachable clamps are fitted on a specimen holder.

This allows for easier fixing of several specimens, preparation of both faces, and even cutting of specimens fitted in the clamps prior to preparation.

Tailor-made solutions

Plane, blank specimen holders for adhesion of typically large plane parallel specimens are also available.

These specimen holders are also used to produce tailor-made solutions for customers with special requirements.

Application

For high capacity machines like MAPS or AbraPol machines, holders with a diameter up to 200 mm can be used.

On the TegraSystem, holders with a diameter up to 160 mm (200 mm) can be used on TegraForce-3 and TegraForce-5.

Specimen mover plates

Struers offers a wide range of specimen mover plates for preparation of single specimens.
Dual-Clamping - saves time and increases your capacity

**One screw fastens 2 specimens**

Struers programme also includes light-weight aluminium specimen holders designed with a dual-clamping principle: One screw fastens two specimens. This feature facilitates faster clamping and increases the capacity of the specimen holder.

Dual-clamping also allows a certain tolerance for the specimen diameter, which makes these specimen holders well suited for all specimens.

The specimen holders are available in three different sizes, 140, 160 and 200 mm dia., and can hold up to 12 specimens at a time.

**Inserts - increased flexibility**

Inserts of reinforced nylon allow you to adjust the hole diameter easily. You just click the insert into the holder and it is ready to be used for smaller specimens. This is especially useful if you only prepare smaller specimens occasionally.

This unique feature allows you to place specimens of different sizes in the same specimen holder, thus adding to the flexibility and reducing the amount of specimen holders needed to do the job.

Three different inserts are available to change the hole size from:

- 50 mm (2") to 40 mm (1½") dia.
- 40 mm (1½") to 30 mm (1¼") dia.
- 30 mm (1¼") to 25 mm (1") dia.

**Uniforce - for fast and accurate levelling**

Efficient clamping of the specimens saves valuable time in the following preparation steps.

With Uniforce Struers offers fast and accurate levelling of specimens in 140, 160 and 200 mm dia. specimen holders. Precise levelling will reduce your plane grinding time to a minimum and ensure the best possible conditions for quick materialographic preparation of high quality.

With Uniforce, the projection of specimens from the holder can be adjusted to 3 or 6 mm, with 3 mm being the standard. For more detailed information on Uniforce, ask for a separate brochure.
### Specimen Holders

**Drawing Dia. Specimens Size Code**
140 mm 8 24-26 mm (1") dia. SAXCA
25 pcs.

6 29-32 mm (1¼") dia. SAXCE
30 mm (1½") to 25 mm (1") dia. SAXIT

6 10-32 mm dia. PEDST
25 pcs.

4 10-40 mm dia. PEDIS

6 38-40 mm (1½") dia. SACHF
6 49-52 mm (2") dia. SACHO

200 mm 12 29-32 mm (1¼") dia. SAXFE

6 38-40 mm (1½") dia. SACHF
6 49-52 mm (2") dia. SACHO

**Drawing Dia. Specimens Size Code**
160 mm 10 24-26 mm (1") dia. SAXDA

6 29-32 mm (1¼") dia. SAXDE

6 38-40 mm (1½") dia. SAXDI

40 mm (1") to 30 mm (1¼") dia. SAXIO
30 mm (1¼") to 25 mm (1") dia. SAXIT

6 10-40 mm dia. MAXCY

10-25.5 mm dia. MAXDU

8 25x 54 mm MAXYK

3 48x 40 mm MAXDI

3 24x 92 mm MAXAB

**Code symbols Legend**

- Code Reinforced nylon
- Code Stainless steel
- Code Aluminium

* The MAXDI specimen holder can also be used for specimens mounted in FlexiForm, 40300082.

** The MAXOT specimen holder can also be used for specimens mounted in FlexiForm, 40300083.

Struers’ products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice.

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