

# Specimen Holders



**Specimen Holders for  
unmounted or  
mounted samples  
of all shapes and sizes**



- 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 mm, 160 mm and 200 mm dia. sizes in both stainless steel and aluminium.



*All kinds of shapes and sizes can be clamped in Struers specimen holders*

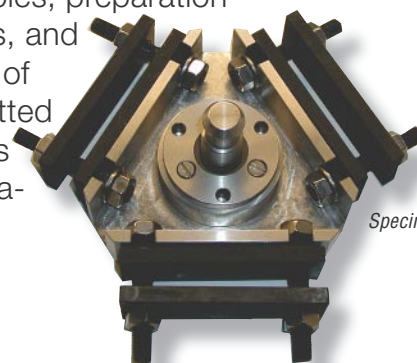
## Holders for mounted or unmounted specimens

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

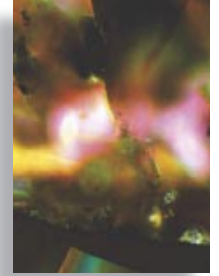
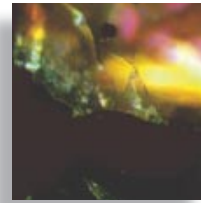
Specimen holders with rectangular holes can hold specimens up to 70 mm and you avoid having to cut the specimen into smaller pieces.

## Specimen holder with clamps

This holder come 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 samples, preparation of both faces, and even cutting of specimens fitted in the clamps prior to preparation.



*Specimen holder with clamps*



## Tailormade 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-10, 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 samples

Struers programme also includes light-weight aluminium specimen holders designed with a dual-clamping principle: One screw fastens two samples. 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 mm, 160 mm and 200 mm dia., and can hold up to 12 samples at a time.

*Dual-clamping - two samples are fastened with a single screw*



### 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.

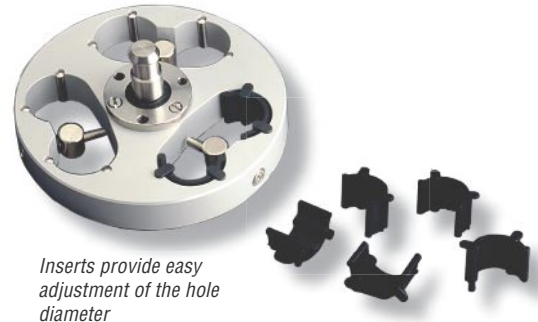
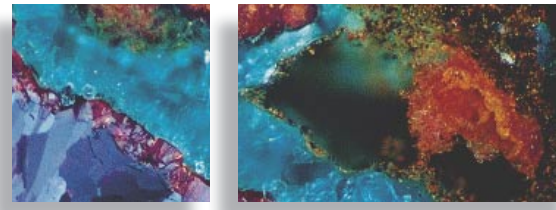
This unique feature allows you to place specimens of different sizes in the same specimen holder, thus adding to the flexibility and reducing the amount of specimen holders needed to do the job. Three different inserts are available to change the hole size from:

- 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



*Inserts provide easy adjustment of the hole diameter*

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.

*Uniforce*



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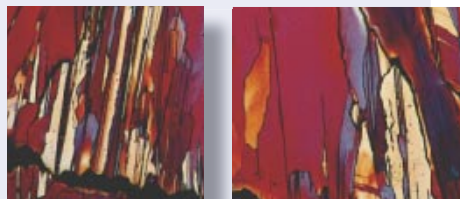
Drawing	Dia.	Specimen	Size	Code
	140 mm	8	24-26 mm (1" dia.)	SAXCA
			29-32 mm (1 1/4" dia.)	SAXCE
			30 mm (1 1/4" to 25 mm (1" dia.)	SAXIT
		6	10-32 mm dia.	PEDST
				PEDAL
		4	10-40 mm dia.	PEDIS
	PEDFI			
				MAXAD
	160 mm	10	24-26 mm (1" dia.)	SAXDA
			29-32 mm (1 1/4" dia.)	SAXDE
			38-40 mm (1 1/2" dia.)	SAXDI
		40 mm (1 1/2" to 30 mm (1 1/4" dia.)	SAXIO	
			SAXIT	
			10-40 mm dia.	MAXCY
	12	10-25.5 mm dia.	MAXDU	
			25x34 mm	MAXYK
	3	48x40 mm *	MAXDI	
			24x52 mm	MAXAB
				MAXSO
			MAXAS	

Drawing	Dia.	Specimen	Size	Code
	200 mm	12	29-32 mm (1 1/4" dia.)	SAXFE
			38-40 mm (1 1/2" dia.)	SAXFI
			49-52 mm (2" dia.)	SAXFO
		50 mm (2" to 40 mm (1 1/2" dia.)	SAXIF	
			SAXIO	
			SAXIT	
	5	27-55 mm dia.	MAXUK	
			MAXRU	
	3	53x70 mm **	MAXOT	
			MAXON	
			MAXAN	

Code symbols	Legend
Code	Reinforced nylon
Code	Stainless Steel
Code	Aluminium

\* The MAXDI specimen holder can also be used for specimens mounted in UnoForm (UNOQA)

\*\* The MAXOT specimen holder can also be used for specimens mounted in UnoForm (UNOQI)



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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