

## Gauge length extension unit axial extensometer EXA

To increase the gauge length of axial extensometers, accessories are available, e.g. for the transducer EXA25-2.5. By means of these accessories, transducers with a gauge length up to 100 mm may be obtained. Charts 2 and 3 show the gauge length extension units available and the axial extensometers which may be obtained from them.

Basic Model x/o/u		EX 10-0,25	EX 10-0,5	* EX 10-1	EX 10-2	* EX 10-5
Accessory-Kit	A10	±0,25	±0,5	±1	±2	±5
	A15	±0,5	±1	±2	±4	

**Chart 2:** Axial extensometer EXA10-X with gauge length extension unit

Basic Model x/o/u		EX 25-0,625	EX 25-1,25	* EX 25-2,5	EX 25-5	* EX 25-10
Accessory-Kit	A20	±0,625	±1,25	±2,5	±5	±10
	A25	±0,625	±1,25	±2,5	±5	±10
	A30	±0,625	±1,25	±2,5	±5	±10
	A40			±4		
	A50			±5		
	A60			±6		
	A70			±7		
	A80			±8		
	A90			±9		
	A100			±10		

**Chart 3:** Axial extensometer EXA25-X with gauge length extension unit

Extensometers marked by \* can be equipped with measuring range extension units.

## Accessory mounting kits high temperature extensometer EXH\*\*A (see charts 5 and 6)

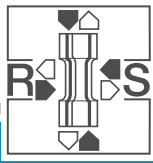
Various axial extensometers may be extended to high-temperature axial extensometers by using accessory mounting kits.

Basic Model x/o/u		EX 10-0,25	EX 10-0,5	EX 10-1	EX 10-2	EX 10-5
Accessory-Kit	H15A	±0,75	±1,5	±3 +6		

**Chart 5:** Conversion kit high-temperature axial extensometer EXH for basic unit EXA10-X

Basic Model x/o/u		EX 25-0,625	EX 25-1,25	EX 25-2,5	EX 25-5	EX 25-10
Accessory-Kit	H20A	±1,25	±2,5			
	H25A	±1,25	±2,5 +5			
	H30A	±1,25	±2,5 +5			
	H50A			±10		

**Chart 6:** Conversion kit high-temperature axial extensometer EXH for basic unit EXA25-X



## Accessory mounting kit – gauge length extension unit crack opening displacement transducer EXR

For crack opening displacement transducers the gauge length extension units R10, R20, R25, R30 are available. Thus, the axial extensometer EXA 10-1 may be converted into crack opening displacement transducer EXR 10-1 and transducer EXA 25-2.5 may be converted into a transducer EXR25-2.5 (for technical data, see chart 7)

Basic Model x/o/u		EX 10-0,25	EX 10-0,5	EX 10-1	EX 10-2	EX 10-5
Accessory-Kit	R10	±0,25	±0,5	±1	±2	±5

**Chart 8:** Conversion kit crack opening transducer EXR for basic unit EXA10-X

Basic Model x/o/u		EX 25-0,625	EX 25-,125	EX 25-2,5	EX 25-5	EX 25-10
Accessory-Kit	R20	±0,625	±1,25	±2,5	±5	±10
	R25	±0,625	±1,25	±2,5	±5	±10
	R30	±0,625	±1,25	±2,5	±5	±10

**Chart 9:** Conversion kit crack opening transducer EXR for basic unit EXA25-X

## Accessory mounting kits diametral strain transducer EXD

By using the accessory mounting kit, axial extensometers can be converted into diametral strain transducers. A conversion kit is assigned to every axial extensometer.

Basic Model x/o/u		EX 10-0,25	EX 10-0,5	EX 10-1	EX 10-2	EX 10-5
Accessory-Kit	D8	±0,25	±0,5	±1		
	D15	±0,5	±1	±1,5		

**Chart 11:** Conversion kit diametral strain transducer for basic unit EXA10-X

Basic Model x/o/u		EX 25-0,625	EX 25-1,25	EX 25-2,5	EX 25-5	EX 25-10
Accessory-Kit	D30	±1,25	±2,5			
	D45	±2	±4			

**Chart 12:** Conversion kit diametral strain transducer for basic unit EXA25-X

## Accessory mounting kits for high temperature diametrical strain transducer EXH\*\*D (see charts 5 and 6)

Different axial extensometers can be extended by using accessory mounting kits, to diametrical high temperature extensometers.

Basic Model x/o/u		EX 25-0,625	EX 25-1,25	EX 25-2,5	EX 25-5	EX 25-10
Accessory-Kit	H8D	±0,625	±1,25	±2,5		
	H15D	±0,625	±1,25	±2,5		
	H30D	±0,625	±1,25	±2,5		

**Chart 14:** Conversion kit high temperature diametrical extensometer EXH for basic unit EXA25-X