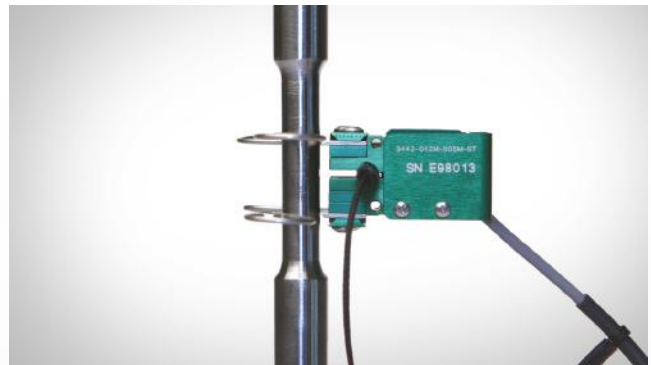
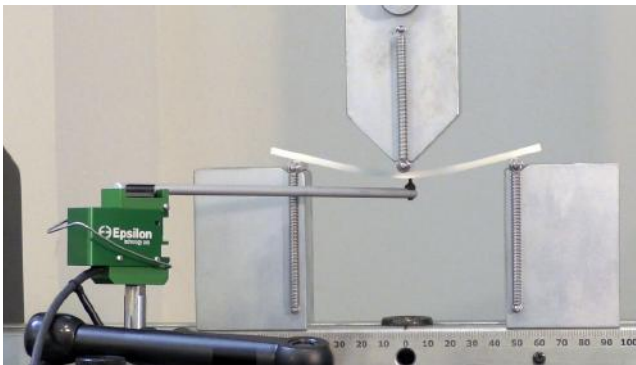
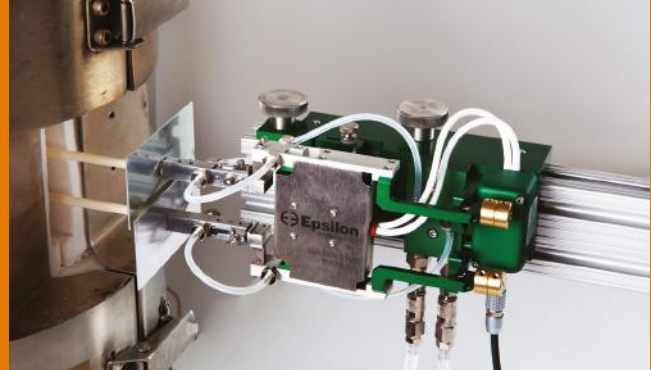


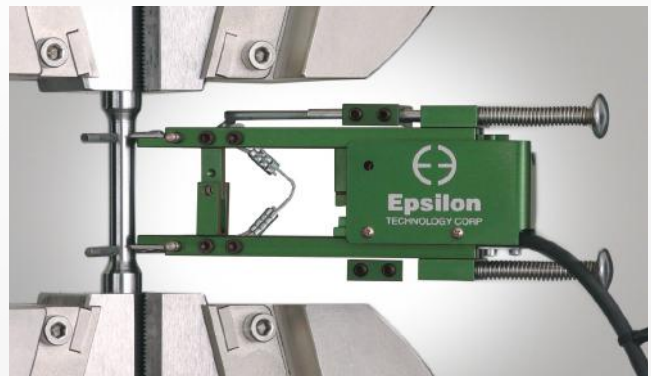
Extensometers

- > High quality machine level calls for high quality extensometer.
- > Wide range of EPSILON extensometers allows accurate tests in every condition: from high temperature to very small specimens



Axial extensometer

- > Series 3542 is the most used version and is applicable for testing with the following standards:
- > ISO 6892-1, 527-2, 527-4, 527-5, 10113
- > ASTM E8, E9, D3039, D638, A370, D3552, E517, E646
- > The correct extensometer must be selected in according to:
 - Gauge Length
 - Measuring range
 - Temperature range
- > Standard to follow.
- > To compose the Epsilon code must be indicated the series chosen, the gauge length, measuring and temperature range needed.



Gauge length mm	Code part
10.0	-10M
12.0	-12M
12.5	-0125M
25.0	-025M
50.0	-050M
80.0	-080M

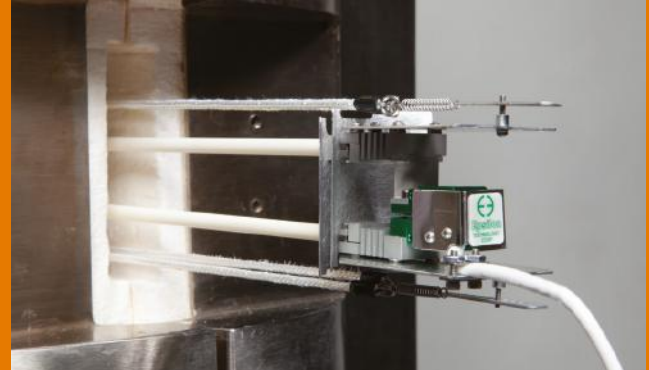
Measuring range	Code part
±5%	-005
±10%	-010
20%/-10%	-020
25%/-10%	-025
50%/-10%	-050
100%/-10%	-100

Degree	Code part
-270°C to 100°C	-LT
-40°C to 100°C	-ST
-40°C to 150°C	-HT1
-40°C to 200°C	-HT2
-270°C to 200°C	-LHT

EXAMPLE: 3542-025M-025-LT

Extensometers

- Other series of axial extensometers are available, from the miniature extensometer 3442 to long gauge length extensometer 3542L and 3543, bi-axial extensometer 3560, high elongation extensometer 3800 until laser extensometer LE-05 & LE-15



High temperature axial extensometer

- Series 3448 high temperature self-supporting extensometer for temperature up to 1200°C designed by Epsilon.
- To choose the correct model of this series is necessary to select the gauge length and the measuring range:

Gauge length mm	Code part	Measuring range	Code part
10.0	-10M	±5%	-005
25.0	-025M	±10%	-010
50.0	-050M	20%/-10%	-020
		50%/-10%	-050

EXAMPLE: 3448-025M-020

- Other series of high temperature axial extensometers are available, like series 3549, high temperature hot mountable furnace extensometers for test up to 1600°C, the high temperature strain capacitive extensometers (1200°C or 1600°C) 3648, series 76590A high temperature strain, extended performance capacitive extensometers (1200°C or 1600°C) and the high temperature un-cooled extensometers (700°C) 7642.



Others

Wide range of specialized Epsilon products is available:

- Fracture Mechanic Clip-On gages
- Deflectometers
- Transverse and Diametral extensometers
- High temperature Transverse and Diametral extensometers
- Rock, Concrete and Asphalt extensometer
- Averaging, Bi-Axial and Axial/Torsion extensometers
- Bolt proof, Lap shear and specialty extensometers.

