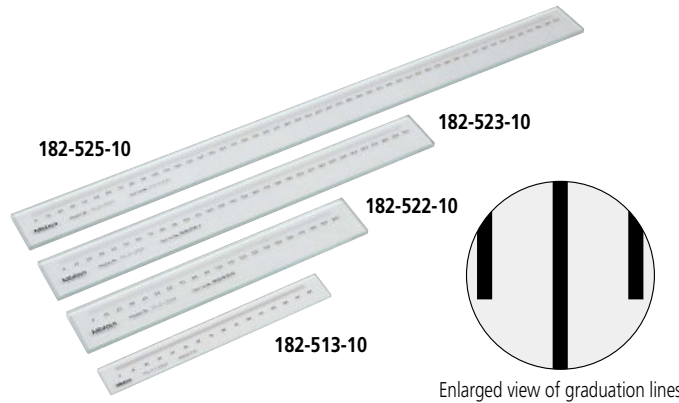




## Working Standard Scales SERIES 182

- High-precision glass scales manufactured under Mitutoyo's leading-edge Linear Scale production technology. They are available in various types and sizes to suit to your application.
- Ideal for checking magnification accuracy of profile projectors and microscopes, and the table feeding accuracy of measuring equipment.



Enlarged view of graduation lines

### SPECIFICATIONS

Metric						
Code No.	Range (mm)	Graduation (mm)	Length (mm)	Inspection pitch (mm)	Graduation thickness (µm)	Mass (kg)
182-511-10	50	0.1	75	5	20	0.23
182-512-10	100		125	10		0.24
182-513-10	150		175			0.25
182-514-10	200		225	0.26		
182-521-10	100	0.5	130	20	50	0.27
182-522-10	200		230			0.32
182-523-10	300		330	0.57		
182-524-10	400		430			0.71
182-525-10	500	530	0.86			
182-531-10	250	1	280	25	100	0.55
182-532-10	500		530			1.22
182-533-10	750		780			0.23
182-534-10	1000		1030			1.54

- Material: Soda-lime glass
  - Thermal expansion coefficient:  $8.5 \times 10^{-6}/K$
  - Accuracy (at 20 °C):  $(1.5 + 2L/1000) \mu m$ , L=Measured length (mm)
- Note: An inspection certificate produced by a standard scale automatic calibration system is supplied as standard.

### DIMENSIONS

