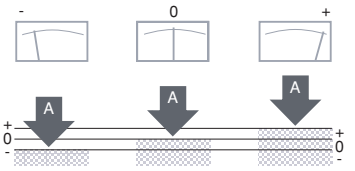
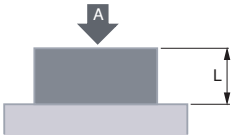
MEASURING FUNCTIONS – OVERVIEW

Single measurements with positive polarity sign (+A)

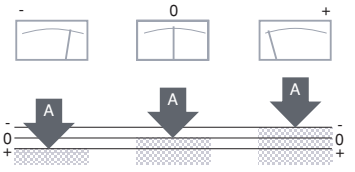
Measuring external dimensions with use of a measuring stand, snap gauge etc.

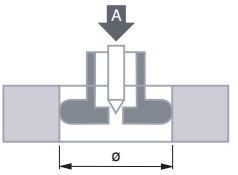




Single measurements with negative polarity sign (-A)

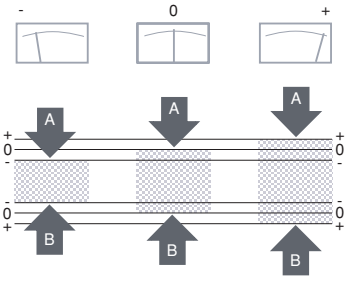
Inspecting sizes with change of the polarity sign. Display shows a low value for a small bore or a high value for a large diameter.

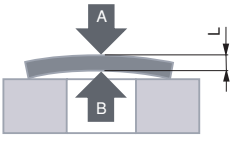


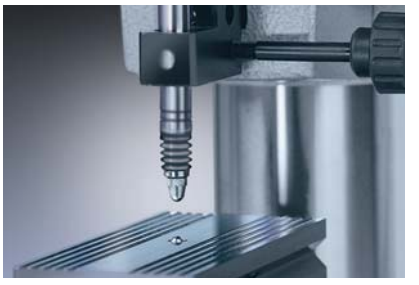


Sum measurements with positive polarity signs (+A +B)

Measuring external dimensions regardless of form and position errors.

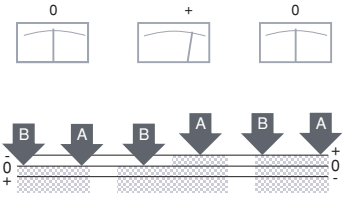


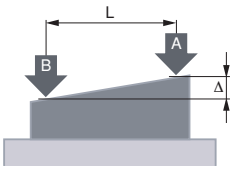




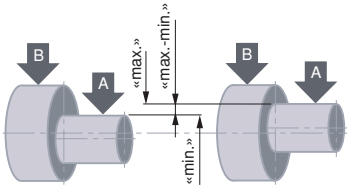
Difference measurements with opposite polarity signs (+A -B)

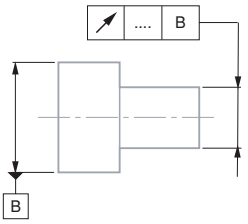
Performing step, cone and inclination measurements.

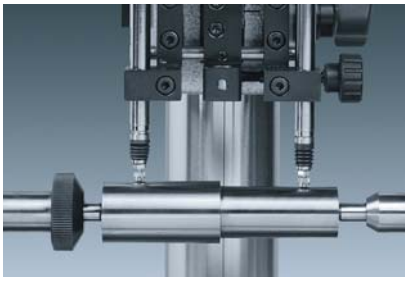


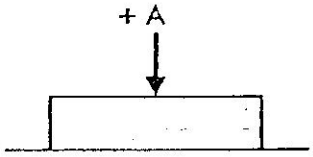
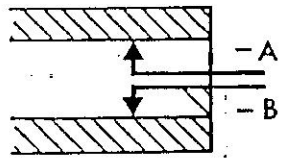
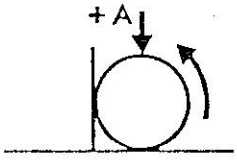
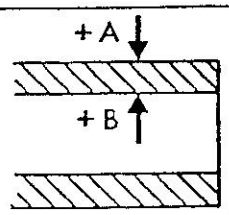
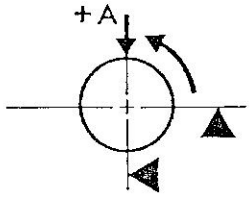
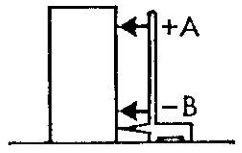
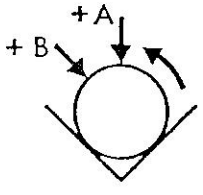
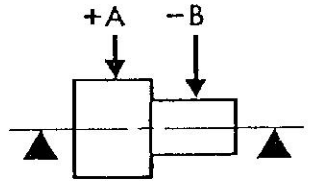
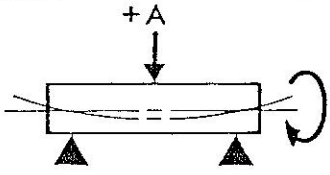
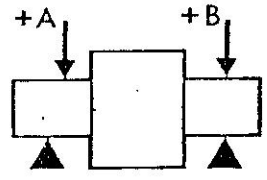
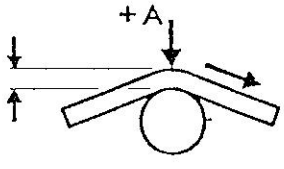
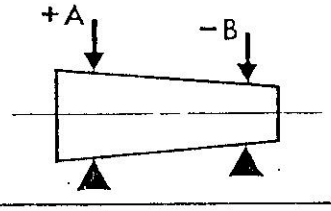
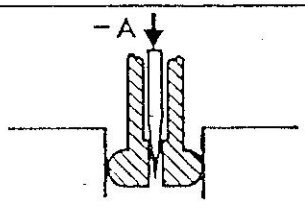
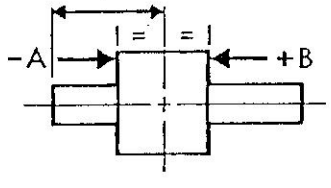
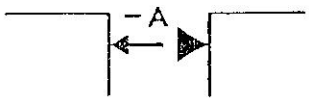
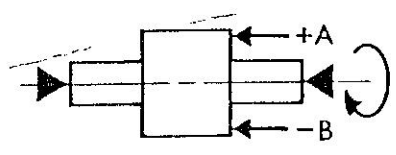
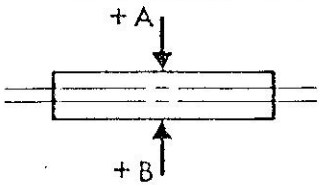


Establishing form and position errors such as runout errors with use of the memory function «max.-min.» as shown in this example.







THICKNESS HEIGHT		INTERNAL DIAMETER	
DIAMETER CYLINDRICITY		WALL THICKNESS	
CONCENTRICITY TO DATUM CENTRE		SQUARENESS	
DIAMETER LOBING		CONCENTRICITY DIAS TO CENTRE	
STRAIGHTNESS		TWO DIAMETERS	
CONTINUOUS THICKNESS		TAPER	
INTERNAL DIAMETER		POSITION	
INTERNAL DIAMETER		RUN-OUT TO DATUM CENTER	
FLOATING DIAMETER		POSITION