

length of the line Ruler

$L \quad V \ 180.00 \pm 6.70 \text{ cm} \quad \Delta L = 0.05 \text{ cm}$   
 $P \ 179.80 \pm 6.95$   
 $V \ 179.80 \pm 6.65$   
 $P \ 179.75 \pm 7.00$   
 $V \ 179.90 \pm 6.70$   
 $P \ 179.90 \pm 6.85$   
 $V \ 180.10 \pm 7.05$   
 $V \ 180.00 \pm 6.80$   
 $S \ 180.35 \pm 6.90$   
 $P \ 180.20 \pm 6.93$   
 $S \ 179.95 \pm 6.95$   
 $P \ 180.30 \pm 6.89$   
 $S \ 180.50 \pm 6.85$   
 $S \ 181.00 \pm 6.90$   
 $S \ 181.50 \pm 6.85$

$\Delta L = 0.05 \text{ cm}$   
 $\times 2$   
 2 measurements with folding rule  
 Is it  $2 \times \Delta L$  or  $\sqrt{\Delta L^2 + \Delta L^2}$ ?

Caliper (mm)  $\Delta l = 0.05$

$S \ 34.50$   
 $P \ 35.45$   
 $V \ 34.60$

length of the hook  
mm.  $\Delta l = 0.05$

S 11.60

V 11.40,

P 11.65