



### Installation sequence

1. Turn spindle into the starting position (0-position).
2. Set the length of the pallet pin and lock in place with hex nut. Make sure that the pin does not sit on the drill hole base after mounting the handwheel.
3. Turn the position indicator to the 0-position by turning the outer gear wheel to the 0-position.
4. Hold the (unmounted) handwheel such that the hole for the gear pinion is in the „12 o'clock“ position and turn the crown wheel until the pallet pin is in the recess bore at the machine body.
5. Carefully insert the position indicator into the hand knob, making sure that the gear pinion engages in the crown wheel. The crown wheel may need to be readjusted slightly during this step.  
Secure the position indicator with the thumbscrew, avoiding excessive tightening torque to prevent the housing from deforming.
6. Place the handwheel onto the spindle and fix in place with the thumbscrew.
7. Check by turning the handwheel to ensure that the starting position of the spindle and the 0-position of both pointers coincide.  
If necessary, take out and readjust the position indicator.