



  
Original design MBT. PXX


d <sub>1</sub>	d <sub>2</sub> H7 Bore	d <sub>3</sub>	d <sub>4</sub> -0,	a	b	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	For position indicators	
											GN 000.9 Size	GN 000.13 Size
60	B 8	18	6	19	36,5	20,5	55	5	10,5	14,5	42	-
80	B 10	30	6	28,5	38	22	58	6	12	13	60	60

### Specification

#### Knob

- Plastic, Polyamide (PA)
- Glass fiber reinforced
- Operating temperature 0 °C to +100 °C
- Black, matte finish

#### Bushing and pallet pin

Steel, blackened

#### Screw for pallet pin

injected

#### Grub screws

Stainless Steel

RoHS

Hand knobs GN 534.9 have been designed for use together with position indicators GN 000.9 / GN 000.13 which are installed in the centre of the hub. The pallet pin is screwed in position and secured with a hexagon lock nut. The anchoring depth can still be adjusted to a certain degree. Worth mentioning in particular is the profile of the rim which is unique for its form and function of these hand knobs.

On certain applications where these hand knobs are used with or without a position indicator, a cover cap is available to shroud the empty recess in the knob if required.

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#### Accessory

GN 000.9 Position Indicators (Retaining System, Analog Indication)	QVX
GN 000.13 Position Indicators (Retaining System, Digital / Analog Indication)	QVX
GN 576 Hub Caps (for Control Knobs / Handwheels without Position Indicators)	QVX
GN 826 Clamping Elements (for Adjustable Spindles)	QVX

#### How to order

GN 534.9-60-B8

1	d <sub>1</sub>
2	d <sub>2</sub>



### Installation sequence

- Turn spindle into the starting position (0-position).
- 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 hand knob.
- Turn the position indicator to the 0-position by turning the outer gear wheel to the 0-position.
- Hold the (unmounted) hand knob 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.
- 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.
- Place the hand knob onto the spindle and fix in place with the thumbscrew.
- Check by turning the hand knob 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.