



**2 Bore code**

- B** Without keyway
- K** With keyway

**4 Type**

- A** Without handle
- D** With revolving handle

**1** **3**

d <sub>1</sub>	d <sub>2</sub> H7 Bore	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	b	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	r	Ø Handle	For position indicators	
												GN 000.8 Size	GN 000.3 Size
160	14	26	40	76	25	27	51	12	80	65	24	60	60
200	16	30	50	76	28	34	61	12	80	84	24	60	60
250	20	35	58	76	32	38	70	12	90	105	25	60	60

**Specification**

- Body  
Plastic (Polypropylen PP)  
- Reinforced, shock-resistant  
- Temperature resistant up to 80 °C  
- Black, matte finish
- Hub bushing  
Steel, blackened
- Threaded bushing brass to accept the revolving handle
- Housing for position indicators  
Technopolymer (Polyamide PA)  
Glass fiber reinforced
- Revolving handles  
Plastic, technopolymer  
Black, matte finish
- Grub screw DIN 916  
with internal hexagon and serrated point
- *Keyway P9 DIN 6885 Page 1 → Page 2078*
- *ISO Fundamental Tolerances → Page 2151*
- *Plastic Characteristics → Page 2158*
- RoHS

**Accessory**

- Position indicators GN 000.8 / GN 000.3 are to be ordered separately

**Information**

Handwheels GN 522.8 are similar to spoked handwheels GN 522. They are, however, fitted with a housing to accept position indicators GN 000.8 and GN 000.3 and they are provided with a grub screw for fitting to the shaft.

For large adjustments, the hub bore can be provided with a keyway.

The shape of these handwheels does not only meet all demands for modern design but also covers all aspects for an ergonomical angle.

**see also...**

- *Position Indicators GN 000.8 (Pendulum System, Analog Indication) → Page 366*
- *Position Indicators GN 000.3 (Pendulum System, Digital / Analog Indication) → Page 367*

**How to order**

**GN 522.8-200-B16-A**

- 1** d<sub>1</sub>
- 2** Bore code
- 3** d<sub>2</sub>
- 4** Type



### Installation sequence

1. Install the handwheel to the spindle and fix it with the screw.
2. Turn the spindle to the starting point (0-position).
3. Move position indicator „by hand“ to the 0-position before mounting it.
4. Install the position indicator into the recess of the hub and fix it with a screw.  
Do not apply unnecessarily excessive torque to avoid deformation of the housing!
5. Rotate the handwheel and ascertain that the starting point of the spindle is aligned with the 0-position of the two pointers (GN 000.8) respectively pointer and counter (GN 000.3).  
Should that not be the case the screw has to be loosened and the position indicator adjusted. Tighten the screw again.