



**elesa**  
Original design VRTP. GXH

**2 Bore code**

- B** Without keyway
- K** With keyway DIN 6885-1 P9

**4 Type**

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

| <b>1</b> d <sub>1</sub> | <b>3</b> 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 Cylindrical handle | for position indicators |                |
|-------------------------|---------------------------------|----------------|----------------|----------------|----|----------------|----------------|----------------|----------------|-----|----------------------|-------------------------|----------------|
|                         |                                 |                |                |                |    |                |                |                |                |     |                      | GN 000.8 Größe          | GN 000.3 Größe |
| 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
- Operating temperature 0 °C to +80 °C
- Black, matte finish

**Hub bushing**

Steel, blackened

**Threaded bushing**

Brass

**Housing for position indicator**

- Plastic, Polyamide (PA)
- Glass fiber reinforced
- Black, matte finish

**Revolving handle**

- Plastic, Polyamide (PA)
- Black, matte finish
- Spindle steel, zinc plated

**Grub screw**

Stainless steel

RoHS

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 ergonomic angle.

see also...

|   | Page |
|---|------|
| <b>GN 521.8</b> Disk Handwheels             | QVX  |
| <b>GN 323.8</b> Disk Handwheels (Aluminium) | QVX  |

**Technical Information**

|                                |     |
|--------------------------------|-----|
| Installation sequence GN 522.8 | QVX |
| Keyway P9 DIN 6885-1           | QVX |
| ISO Fundamental Tolerances     | QVX |
| Plastic Characteristics        | QVX |

**Accessory**

|  |     |
|--|-----|
| <b>GN 000.8</b> Position Indicators (Pendulum System, Analog Indication)           | QVX |
| <b>GN 000.3</b> Position Indicators (Pendulum System, Digital / Analog Indication) | QVX |

**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.