



Metric



elesa
Original design VRTP. GXX

2 Bore code

B Without keyway

4 Type

A Without handle

D With revolving handle

Metric table

| 1 d₁ | 3 d₂ H7 Bore | d₃ | d₄ | d₅ | b | l₁ | l₂ | l₃ | l₄ | r | Ø Cylindrical handle | Dimensions in: millimeters / inches | |
|------------------------|--------------------------------|----------------------|----------------------|----------------------|------------|----------------------|----------------------|----------------------|----------------------|-------------|-------------------------|-------------------------------------|---------------|
| | | | | | | | | | | | | For position indicators | EN 000.8 Size |
| 160 6.30 | 14 0.551 | 26 1.02 | 40 1.57 | 76 2.99 | 25 0.98 | 27 1.06 | 51 2.01 | 12 0.47 | 80 3.15 | 65 2.56 | 24 0.94 | 60 2.36 | 60 2.36 |
| 200 7.87 | 16 0.630 | 30 1.18 | 50 1.97 | 76 2.99 | 28 1.10 | 34 1.34 | 61 2.40 | 12 0.47 | 80 3.15 | 84 3.31 | 24 0.94 | 60 2.36 | 60 2.36 |
| 250 9.84 | 20 0.787 | 35 1.38 | 58 2.28 | 76 2.99 | 32 1.26 | 38 1.50 | 70 2.76 | 12 0.47 | 90 3.54 | 105 4.13 | 25 0.98 | 60 2.36 | 60 2.36 |

Specification

Body

- Plastic, Polypropylene (PP)
- Reinforced, shock-resistant
- Operating temperature +32 °F to +176 °F (0 °C to +80 °C)
- Black, matte finish

Hub Bushing

Steel, blackened finish

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

Set screw

Stainless steel

RoHS

Two spoked handwheels EN 522.8 are similar to two spoked handwheels EN 522. However, they have an added housing to accept EN 000.8 or EN 000.3 position indicators, and a set screw with serrated tip is also provided in the hub for easy assembly to a shaft.

For heavier torque 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 functions ergonomically.

Resistant to solvents, oils, grease and other chemical agents.

No mounting hole in handwheel rim for handwheel without handle. Handle shipped loose; mounting of handle is required.

see also...

| | Page |
|--|------|
| EN 521.8 Solid Disk Handwheels | QVX |
| GN 323.8 Solid Disk Handwheels (Aluminum) | QVX |

Technical Information

| | |
|--|-----|
| Installation Instructions for EN 522.8 | QVX |
| Keyways WN 6885 / DIN 6885-1 | QVX |
| ISO Fundamental Tolerances | QVX |
| Plastic Characteristics | QVX |

Accessory

| | |
|--|-----|
| EN 000.8 Position Indicators (Gravity Drive, with Analog Display) | QVX |
| EN 000.3 Position Indicators (Gravity Drive, with Digital / Analog Display) | QVX |

How to order

| | |
|---|---------------------------------------|
| 1 | Outside diameter d₁ |
| 2 | Bore code |
| 3 | Bore d₂ |
| 4 | Type |

EN 522.8-200-B16-A

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4





Installation sequence

1. Install the handwheel to the spindle and fasten it with the set screw.
2. Turn the spindle to the starting point (0 position).
3. Move the position indicator to the 0 position by turning the outer gear wheel.
4. Install the position indicator into the recess of the hub and fasten it with a set screw.
To avoid deformation of the housing, do not apply unnecessary excessive torque!
5. Check by turning the handwheel to ensure that the starting position of the spindle coincides with the 0 position of the two pointers (EN 000.8) or respectively pointer and counter (EN 000.3). If necessary, take out and readjust the position indicator.