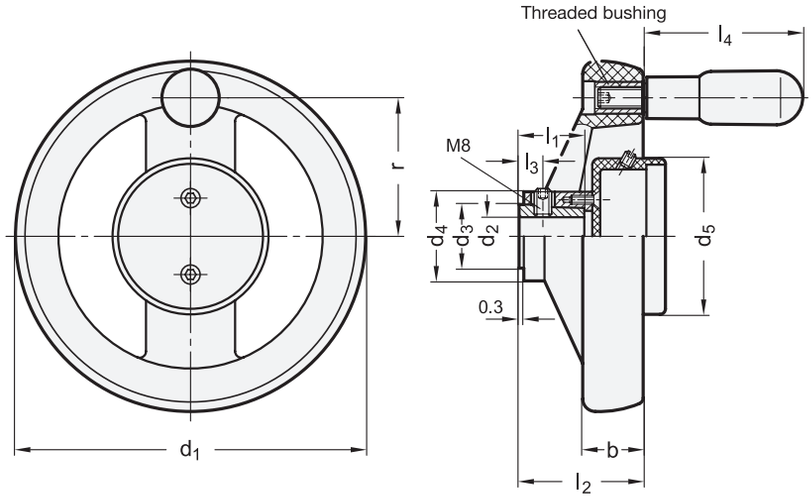
EN 522.8 | Two Spoked Handwheels

Technopolymer Plastic, for Position Indicators EN 000.8 / EN 000.3



Metric

elesa
Original design VRTP-GXX

2 Bore code

B Without keyway

4 Type

A Without handle
D With revolving handle

Metric table

Dimensions in: millimeters - *inches*

1 d_1	3 d_2 H7 Bore	d_3	d_4	d_5	b	l_1	l_2	l_3	l_4	r	Ø Handle	For position indicators EN 000.8 Size	For position indicators EN 000.3 Size
160 *6.30*	14 *0.55*	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 *0.63*	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 *0.79*	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

- Handwheel body
  Plastic
  Technopolymer (Polypropylene PP)
  - Reinforced, shock-resistant
  - Temperature resistant up to 176 °F (80 °C)
  - Black, matte finish
- Hub bushing
  Steel, blackened finish
- Brass threaded bushing to accept the revolving handle
- Housing for position indicator
  Technopolymer (Polyamide PA)
  Glass fiber reinforced
- Revolving handle
  Plastic
  Technopolymer (Polyamide PA)
  Black, matte finish
- Set screw DIN 916
  Stainless steel
  With internal hex and serrated point
- *Keyways DIN 6885 → page 2040*
- *ISO Fundamental Tolerances → page 2129*
- *Plastic Characteristics → page 2135*
- RoHS compliant

Information

EN 522.8 two spoked handwheels are similar to EN 522 two spoked handwheels. 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...

- *Position Indicators EN 000.8 (Gravity Drive, Analog Display) → page 350*
- *Position Indicators EN 000.3 (Gravity Drive, Analog / Digital Display) → page 351*

Accessory

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

How to order

1 2 3 4
EN 522.8-200-B16-A

1	Outside diameter d_1
2	Bore code
3	Bore d_2
4	Type

Installation instructions

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.