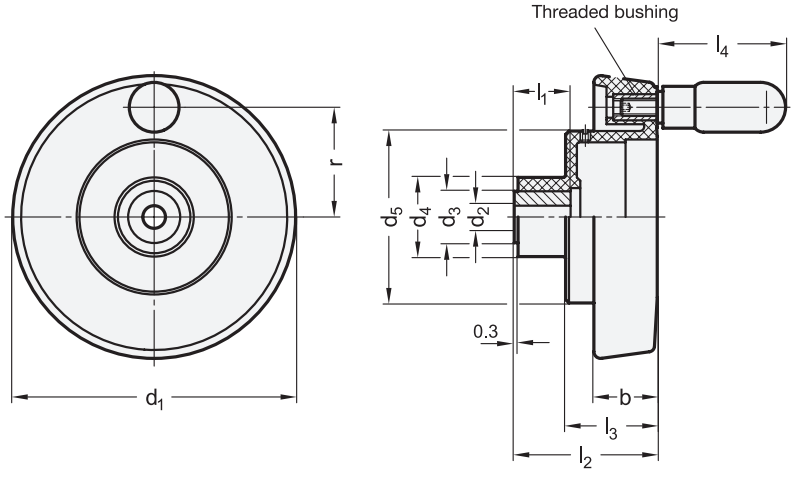
Solid Disk Handwheels

Plastic, for Position Indicators EN 000.8 / EN 000.3



Metric

elesa

Original design VDSC+I GXX

2 Bore code

B Without keyway

4 Type

D With revolving handle

Metric table

1

Dimensions in: millimeters / inches

d_1	d_2 H7 Bore		d_3	d_4	d_5	b	l_1	$l_2 \approx$	l_3	l_4	r	Ø Handle	For position indicators EN 000.8 Size	For position indicators EN 000.3 Size
125 4.92	B 8	B 10	22 0.87	35 1.38	76 2.99	27 1.06	22 0.87	63 2.48	41 1.61	65 2.56	49 1.93	22 0.87	60 2.36	60 2.36
200 7.87	B 16	B 20	30 1.18	42 1.65	76 2.99	38 1.50	34 1.34	70 2.76	40 1.57	90 3.54	80 3.15	25 0.98	60 2.36	60 2.36

Specification

Body
Plastic, Polyamide PA)
- Reinforced, shock resistant
- Operating temperature
  +32 °F to +212 °F (0 °C to +100 °C)
- Black, matte finish

Hub bushing
Steel, blackened finish

Threaded bushing
Brass

Revolving handle
Plastic, Polyamide (PA)
- Black, matte finish
- Spindle
  Steel, zinc plated

Set screw
Stainless steel

RoHS

On request

- Solid disk handwheel with retractable handle
- Solid disk handwheel with stainless steel bushing

These solid disk handwheels EN 521.8 have a recess in the hub to accept position indicators EN 000.8 or EN 000.3.
For applications where these handwheels are by choice being used without the position indicators, a hub cap is available to cover the empty recess.

see also...	Page
EN 522.8 Two Spoked Handwheels	QVX
GN 323.8 Solid Disk Handwheels (Aluminum)	QVX

Technical Information

Installation Instructions for EN 521.8	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
EN 576 Cover Disks (for Control Knobs / Handwheels without Position Indicator)	QVX

How to order

1 2 3 4

EN 521.8-200-B20-D

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

Installation sequence

1. Install the handwheel to the spindle, create cross hole if it's required 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.