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Original design VDSC-I GXX

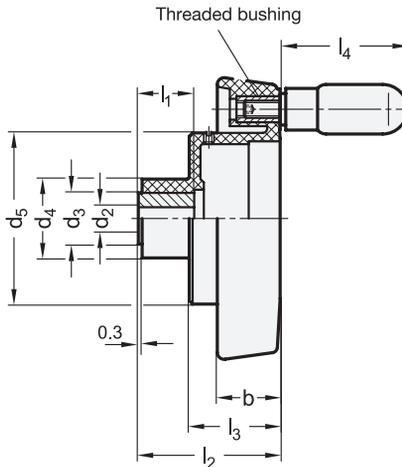
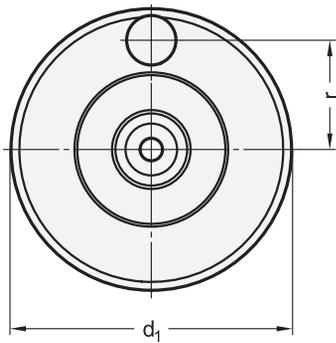
2 Bore code

B Without keyway

K With keyway DIN 6885-1 P9

4 Type

D With revolving handle



1

d ₁	d ₂ H7 Bore		d ₃	d ₄	d ₅	b	l ₁	l ₂ ≈	l ₃	l ₄	r	Ø Cylindrical handle	for position indicators	
	GN 000.8 Size	GN 000.3 Size												
125	B 8	B 10	22	35	76	27	22	63	41	65	49	22	60	60
200	B 16	B 20	30	42	76	38	34	70	40	90	80	25	60	60

Specification

Wheel body

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

Hub bushing

Steel, blackened

Threaded bushing

Brass

Revolving handle

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

Grub screw

Stainless Steel

RoHS

On request

- Disk handwheel with retractable handle
- Disk handwheel with stainless steel bushing

Handwheels GN 521.8 have a recess in the hub to accept a position indicator GN 000.8 / GN 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
GN 522.8 Spoked Handwheels	QVX
GN 323.8 Disk Handwheels (Aluminium)	QVX

Technical Information

Installation sequence GN 521.8	QVX
Keyway P9 DIN 6885-1	QVX
ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX

Accessory

GN 000.8 Position Indicators (Pendulum System, Analog Indication)	QVX
GN 000.3 Position Indicators (Pendulum System, Digital / Analog Indication)	QVX
GN 576 Hub Caps (for Control Knobs / Handwheels without position indicators)	QVX

How to order

GN 521.8-200-B20-D

- 1** d₁
- 2** Bore code
- 3** d₂
- 4** Type



Installation sequence

1. Install the handwheel to the spindle, create cross hole if necessary, and fasten with set 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.