



elesa
Original design VHT. GXX

¹ d ₁	² d ₂ H7 Bore	d ₃	d ₄	d ₅	b	l ₁	l ₂	l ₃	l ₄	for position indicators	
										GN 000.8 Size	GN 000.3 Size
85	B 10	18	24	58	17,5	17,5	51	6	18	42	-
110	B 12	22	28	77	20	22	58	6	18	60	60

Specification ³

Wheel body

- Plastic, Polyamide (PA)
- Glass fiber reinforced
- Operating temperature 0 °C to +100 °C
- Black, matte finish

Bushing

- Steel, blackened —
- Stainless steel AISI 303 NI

Grub screws

Steel / Stainless steel

RoHS

Handwheels GN 577.8 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.

Technical Information

Installation sequence GN 577.8	QVX
ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX
Stainless Steel 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
GN 826 Clamping Elements (for Adjustable Spindles)	QVX

How to order (Bushing steel)

¹ ² GN 577.8-110-B12	1 d ₁
	2 d ₂

How to order (Bushing stainless steel)

¹ ² ³ GN 577.8-85-B10-NI	1 d ₁
	2 d ₂
	3 Material



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.