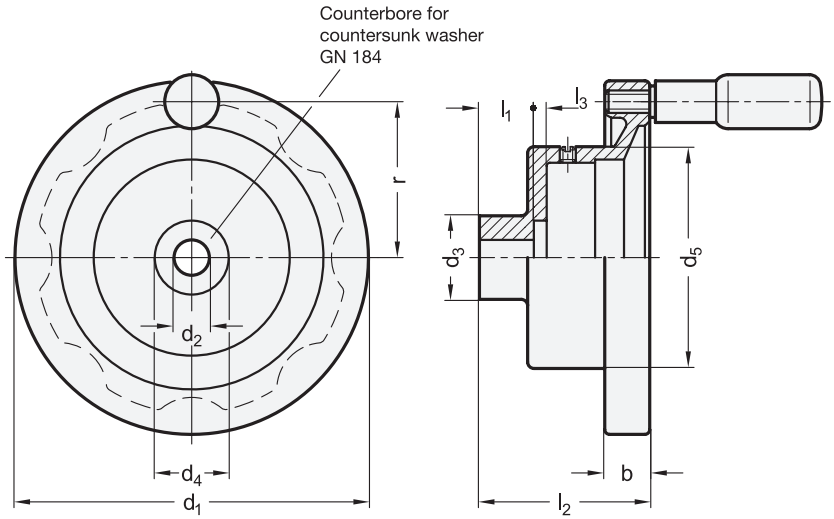
Solid Disk Handwheels

Aluminum, for Position Indicators EN 000.8 / EN 000.3



Metric

2 Bore code

B Without keyway

4 Type

A Without revolving handle
R 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	$l_2 \approx$	l_3	Ø Handle GN 798	For position indicators EN 000.8 Size	For position indicators EN 000.3 Size
80 3.15	10 0.394	26 1.02	20.5 0.81	56 2.20	13 0.51	16 0.63	48 1.89	3.5 0.14	16 0.63	42 1.65	-
100 3.94	10 0.394	28 1.10	20.5 0.81	56 2.20	14 0.55	17 0.67	58 2.28	3.5 0.14	18 0.71	42 1.65	-
125 4.92	12 0.472	31 1.22	25.5 1.00	76 2.99	15 0.59	18 0.71	61 2.40	4 0.16	22 0.87	60 2.36	60 2.36
160 6.30	14 0.551	36 1.42	29 1.14	78 3.07	18 0.71	20 0.79	67 2.64	4 0.16	24 0.94	60 2.36	60 2.36
200 7.87	18 0.709	42 1.65	33 1.30	79 3.11	20.5 0.81	24 0.94	75 2.95	4.5 0.18	25 0.98	60 2.36	60 2.36
250 9.84	22 0.866	48 1.89	37 1.46	80 3.15	23 0.91	28 1.10	81.5 3.21	4.5 0.18	25 0.98	60 2.36	60 2.36

Specification

Wheel body
Aluminum
- Hub machined
- Rim
  - Turned on all sides
  - Radial and axial runout IT12
- Powder coated
  Black, textured finish

Revolving handle GN 798
Plastic, Polyamide (PA)
- Black, matte finish
- Spindle steel
  Zinc plated, blue passivated finish

RoHS

Accessory	Page
EN 000.8 Position Indicators (Gravity Drive, with Analog Display)	QVX
EN 000.3 Position Indicators (Gravity Drive, with Digital / Analog Display)	QVX
GN 184 Countersunk Washers (for Axial Fixing)	QVX

These solid disk handwheels GN 323.8 have a recess in the hub to accept position indicators EN 000.8 or EN 000.3.
The hub dimensions (connection dimension) correspond to those of solid disk handwheels GN 323 and/or spoked handwheels according to DIN 950.

see also...	Page
EN 522.8 Two Spoked Handwheels	QVX
EN 521.8 Solid Disk Handwheels	QVX

Technical Information	
Installation Instructions for GN 323.8	QVX
Keyways WN 6885 / DIN 6885-1	QVX
Cross Holes GN 110	QVX
ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX

How to order

1 2 3 4
GN 323.8-125-B12-R

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

Installation Instructions

1. Install the handwheel to the spindle and fix it with the grub screw or keyway / countersunk washer.
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 (EN 000.8) respectively pointer or respectively pointer and counter (EN 000.3).

   Should that not be the case, the screw has to be loosened and the position indicator adjusted.