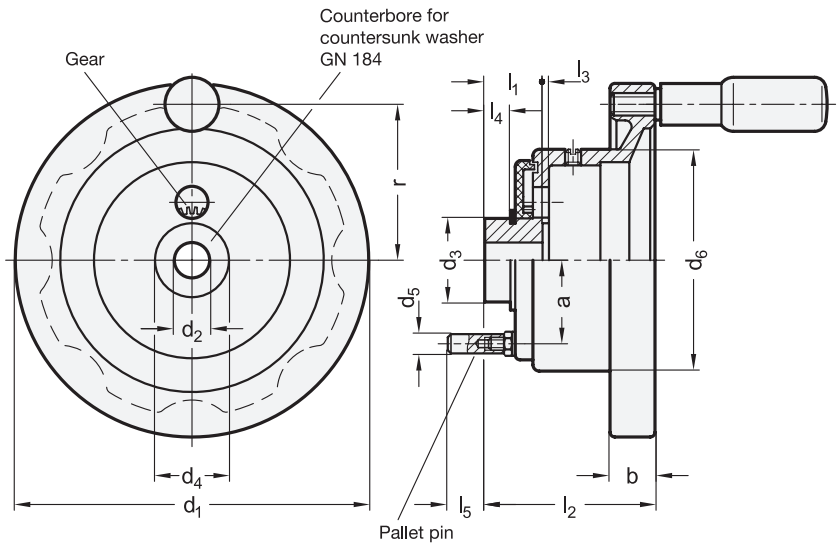
Solid Disk Handwheels

Aluminum, for Position Indicators EN 000.9 / EN 000.13

JW WINCO® A Ganter Company



Metric

2 Bore code

B Without keyway
K With 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	d_6	a	b	l_1	$l_2 \approx$	l_3	l_4	l_5	Ø Handle GN 798	For position indicators EN 000.9 Size	For position indicators EN 000.13 Size
80 3.15	10 0.394	20 0.79	20.5 0.81	6 0.24	56 2.20	19 0.75	13 0.51	22.5 0.89	55 2.17	3.5 0.14	11.5 0.45	13.6 0.54	16 0.63	42 1.65	-
100 3.94	10 0.394	20 0.79	20.5 0.81	6 0.24	56 2.20	19 0.75	14 0.55	22.5 0.89	63.5 2.50	3.5 0.14	11.5 0.45	13.6 0.54	18 0.71	42 1.65	-
125 4.92	12 0.472	32 1.26	22.5 0.89	6 0.24	76 2.99	28.5 1.12	15 0.59	22.5 0.89	65.5 2.58	4 0.16	12 0.47	13.1 0.52	22 0.87	60 2.36	60 2.36
160 6.30	14 0.551	32 1.26	25.5 1.00	6 0.24	78 3.07	28.5 1.12	18 0.71	23.5 0.93	71.5 2.81	4 0.16	13 0.51	12.1 0.48	24 0.94	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

Gear wheel
Plastic, Polyamide (PA)
Glass fiber reinforced

Screw for pallet pin
Steel blackened finish, injected

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

RoHS

These solid disk handwheels EN 323.9 have a recess in the hub to accept position indicators EN 000.9 or EN 000.13.
The pallet pin is screwed in and held in position with the hex lock nut.
The length of the locating pin l_5 can be adjusted as required.

Technical Information	Page
Installation Instructions for GN 322.9	QVX
Keyways WN 6885 / DIN 6885-1	QVX
Cross Holes GN 110	QVX
ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX

Accessory

EN 000.9 Position Indicators (Positive Drive, with Analog Display)	QVX
EN 000.13 Position Indicators (Positive Drive, with Digital / Analog Display)	QVX
GN 184 Countersunk Washers (for Axial Fixing)	QVX

How to order

GN 323.9-125-B12-R (1 2 3)

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

Installation Instructions

1. Turn spindle into the starting position (0-position).
2. Set the length of the pallet pin and lock in place with hex nut. Make sure that the pin does not sit on the drill hole base after mounting the handwheel.
3. Turn the position indicator to the 0-position by turning the outer gear wheel to the 0-position.
4. Hold the (unmounted) handwheel such that the hole for the gear pinion is in the „12 o'clock" position and turn the crown wheel until the pallet pin is in the recess bore at the machine body.
5. Carefully insert the position indicator into the hand knob, making sure that the gear pinion engages in the crown wheel. The crown wheel may need to be readjusted slightly during this step.

   Secure the position indicator with the thumbscrew, avoiding excessive tightening torque to prevent the housing from deforming.
6. Place the handwheel onto the spindle and fix in place with the set screw.
7. Check by turning the handwheel to ensure that the starting position of the spindle and the 0-position of both pointers coincide.

   If necessary, take out and readjust the position indicator.