

GN 321

Plain, Rim Polished

GN 323

Black Powder Coated

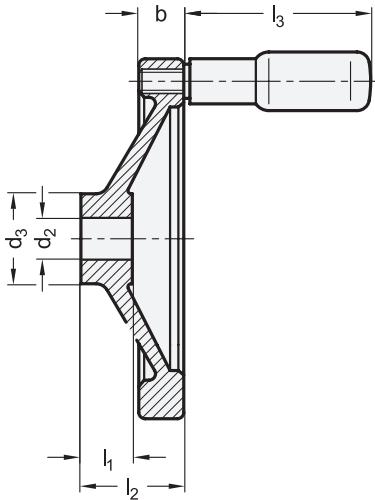
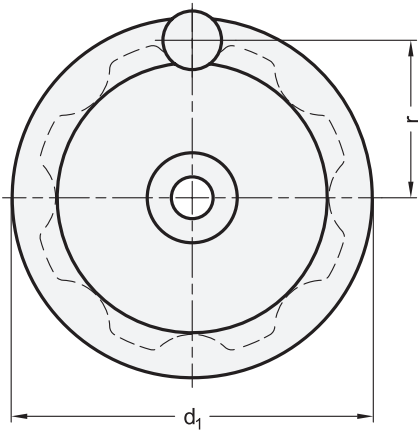
Solid Disk Handwheels

Aluminum, with or without Revolving Handle



JW WINCO®

A Ganter Company



Inch | Metric



iF product
design
award

2 Bore code

B Without keyway

4 Type

A Without revolving handle

R With revolving handle

Specification

Body

Aluminum

- Hub machined

- Rim

- Turned on all sides

- Radial and axial runout < 0.4 mm

• GN 321

- Rim highly polished finish

- Unmachined body matte shot-blasted finish

• GN 323

- Completely powder coated

- Black, textured finish

Stepped cylindrical revolving handle GN 798

Plastic, Polyamide (PA)

- Black, matte finish

- Steel spindle

- Zinc plated, blue passivated finish

RoHS

On request

- Other modifications such as special inch and metric bores, keyways, set screw holes, etc.

Solid disk handwheels GN 321 / GN 323 have recessed grips at their back.

Solid disk handwheels GN 321 are distinguished by modern design.

The highly polished rim and the shot blast finish does not, for most applications, require painting or other surface treatments.

Solid disk handwheels GN 323 have the same dimensions as GN 321. A slight textured finish provides an even finish all over.

No mounting hole in rim for handwheel without handle. Handle shipped loose; mounting of handle is required.

see also...

GN 321.4 Solid Disk Safety Clutch Handwheels (with Friction Bearing) QVX

GN 321.5 Solid Disk Safety Clutch Handwheels (with Needle Bearing) QVX

GN 323.4 Solid Disk Safety Clutch Handwheels (with Friction Bearing) QVX

GN 323.5 Solid Disk Safety Clutch Handwheels (with Needle Bearing) QVX

GN 923 Flat-Faced Solid Disk Handwheels (Aluminum, Powder Coated) QVX

Technical Information

Keyways WN 6885 / DIN 6885-1 QVX

Cross Holes GN 110 QVX

ISO Fundamental Tolerances QVX

Accessory

GN 184 Countersunk Washers (for Axial Fixing) QVX

How to order (Inch, plain, polished rim)

1 2 3 4

GN321-100-B1/2-R

1	Handwheel diameter d ₁
2	Bore code
3	Bore diameter d ₂
4	Type

How to order (Metric, black powder coated)

1 2 3

GN323-80-B12-A

1	Handwheel diameter d ₁
2	Bore code
3	Bore diameter d ₂
4	Type

Inch table

1 **3** Dimensions in: inches / millimeters

d₁	d₂ H7 Bore		b	d₃	l₁	l₂ ≈	l₃ ≈	r	Ø Handle GN 798
3.15 80	3/8*	1/2	0.51 13	1.02 26	0.63 16	1.02 26	1.73 44	1.32 33.5	0.63 16
3.94 100	3/8*	1/2	0.55 14	1.10 28	0.67 17	1.18 30	2.30 58.5	1.67 42.5	0.71 18
4.92 125	1/2	-	0.59 15	1.22 31	0.71 18	1.30 33	2.42 61.5	2.13 54	0.87 22
5.51 140	5/8	-	0.65 16.5	1.42 36	0.75 19	1.42 36	3.01 76.5	2.40 61	0.94 24
6.30 160	1/2	5/8	0.71 18	1.42 36	0.79 20	1.54 39	3.01 76.5	2.80 71	0.94 24
7.87 200	5/8	3/4	0.81 20.5	1.77 45	0.94 24	1.77 45	3.41 86.5	3.50 89	0.98 25
9.84 250	3/4*	-	0.91 23	1.89 48	1.10 28	2.01 51	3.41 86.5	4.45 113	0.98 25

* Only available for GN 321

Metric table

1 **3** Dimensions in: millimeters / inches

d₁	d₂ H7 Bore		b	d₃	l₁	l₂ ≈	l₃ ≈	r	Ø Handle GN 798
80 3.15	10	12	13 0.51	26 1.02	16 0.63	26 1.02	44 1.73	33.5 1.32	16 0.63
100 3.94	10	12	14 0.55	28 1.10	17 0.67	30 1.18	58.5 2.30	42.5 1.67	18 0.71
125 4.92	12	14	15 0.59	31 1.22	18 0.71	33 1.30	61.5 2.42	54 2.13	22 0.87
140 5.51	14	16	16.5 0.65	36 1.42	19 0.75	36 1.42	76.5 3.01	61 2.40	24 0.94
160 6.30	14	16	18 0.71	36 1.42	20 0.79	39 1.54	76.5 3.01	71 2.80	24 0.94
200 7.87	18	20	20.5 0.81	45 1.77	24 0.94	45 1.77	86.5 3.41	89 3.50	25 0.98
250 9.84	22	26	23 0.91	48 1.89	28 1.10	51 2.01	86.5 3.41	113 4.45	25 0.98