



**2 Bore code**

**B** Without keyway

**4 Type**

**R** With revolving retractable handle

**Specification**

- Aluminum
  - Contact face of hub machined
  - Rim turned and highly polished on all sides
- Wheel body
  - Unmachined, matte shot-blasted finish
- Radial and axial runout of the rim < 0.4 mm
- Stepped retractable handle GN 798.3 / GN 798.7 → page 49
  - Plastic
  - Technopolymer
    - Black, matte finish
    - Retractable mechanism
      - Steel, blackened finish
- Keyways WN / DIN 6885 → page 2039 / 2040
- Cross Holes GN 110 → page 2042
- ISO Fundamental Tolerances → page 2129
- RoHS compliant

**On request**

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

**Information**

**GN 322.3**

The handle in these handwheels is locked in a conical bore in the operating position. For reversal, it must first be pulled from the cone in axial direction.

A pressure spring holds the handle in both positions. When swung out, it automatically engages again.

**GN 322.7**

These handwheels are suitable for applications where the handle must not remain in the operating position. In order to bring the handle into this position it has to be turned first through 90° to a stop against a torsion spring and then it is pushed against spring pressure into its hold position. By maintaining the forward thrust on the handle the handwheel can easily be rotated.

When releasing the handle the spring returns it back to the retracted position.

see also...

- Countersunk Washers GN 184 (for Axial Fixing) → page 1150

How to order (Inch, locked handle)	1 Handwheel diameter $d_1$
<b>GN 322.3-125-B3/8-R</b>	2 Bore code
	3 Bore diameter $d_2$
	4 Type

How to order (Metric, swiveling handle)	1 Handwheel diameter $d_1$
<b>GN 322.7-160-B12-R</b>	2 Bore code
	3 Bore diameter $d_2$
	4 Type

### Inch table

1

3

Dimensions in: inches - millimeters

d <sub>1</sub>	d <sub>2</sub> +0.001 Bore				d <sub>3</sub>	b	c		l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		r	Ø Handle
	GN 322.3	GN 322.7	GN 322.3	GN 322.7										
4.92 125	3/8*	1/2	-	-	1.22 31	0.96 24.5	0.26 6.5	0.30 7.5	0.71 18	1.73 44	2.36 60	2.42 61.5	1.97 50	0.87 22
5.51 140	5/8	-	-	-	1.42 36	0.96 24.5	0.24 6	0.28 7	0.75 19	1.79 45.5	2.95 75	3.01 76.5	2.26 57.5	0.94 24
6.30 160	1/2	5/8	-	-	1.42 36	0.98 25	0.26 6.5	0.30 7.5	0.79 20	1.85 47	2.95 75	3.01 76.5	2.66 67.5	0.94 24
7.87 200	1/2*	5/8	3/4	-	1.65 42	0.98 25	0.30 7.5	0.33 8.5	0.94 24	2.07 52.5	3.35 85	3.41 86.5	3.31 84	0.98 25
9.84 250	1/2	5/8	3/4	7/8**	1.89 48	1.04 26.5	0.47 12	0.51 13	1.10 28	2.40 61	3.35 85	3.41 86.5	4.37 111	0.98 25

\* Only available for GN 322.3 \*\* Only available for GN 322.7

### Metric table

1

3

Dimensions in: millimeters - inches

d <sub>1</sub>	d <sub>2</sub> H7 Bore		d <sub>3</sub>	b	c		l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		r	Ø Handle
	GN 322.3	GN 322.7			GN 322.3	GN 322.7						
125 4.92	12		31 1.22	24.5 0.96	6.5 0.26	7.5 0.30	18 0.71	44 1.73	60 2.36	61.5 2.42	50 1.97	22 0.87
140 5.51	14	-	36 1.42	24.5 0.96	6 0.24	7 0.28	19 0.75	45.5 1.79	75 2.95	76.5 3.01	57.5 2.26	24 0.94
160 6.30	14	16	36 1.42	25 0.98	6.5 0.26	7.5 0.30	20 0.79	47 1.85	75 2.95	76.5 3.01	67.5 2.66	24 0.94
200 7.87	18	20	42 1.65	25 0.98	7.5 0.30	8.5 0.34	24 0.94	52.5 2.07	85 3.35	86.5 3.41	84 3.31	25 0.98
250 9.84	22	-	48 1.89	26.5 1.04	12 0.47	13 0.51	28 1.10	61 2.40	85 3.35	86.5 3.41	111 4.37	25 0.98

1.1  
1.2  
1.3  
1.4  
2.1  
2.2  
2.3  
2.4

