

## Safety Handwheels

### Aluminum, with Friction Bearing

#### SPECIFICATION

##### Types

- Type **A**: Without handle
- Type **D**: With revolving steel handle

##### Coding

- Version **ZI**: Engage by pulling
- Version **DR**: Engage by pushing

##### Wheel body

- Aluminum
- Hub machined
- Wheel rim
  - Turned
  - Radial and axial runout < 0,4
- Completely powder coated
- Black, textured finish

##### Coupling attachment GN 000.4 (see page 184) with friction bearing

- Steel
- Nitrided
- Bearing surface ground resp. PTFE coated

##### Revolving handle GN 598 (see page 1092)

- Steel
- Powder coated
- Black, textured finish
- Spindle steel
- Zinc plated, blue passivated

#### INFORMATION

While not actuated, safety handwheels GN 323.4 do not transmit the rotational movement of the shaft to the wheel body. To drive and adjust, the clutch is engaged by pushing or pulling, depending on the code. When released, the handwheel is disengaged by spring force. Type D ergonomically transmits fast adjustment movements via the revolving cylindrical handle. Precise adjustments are made via the wheel rim.

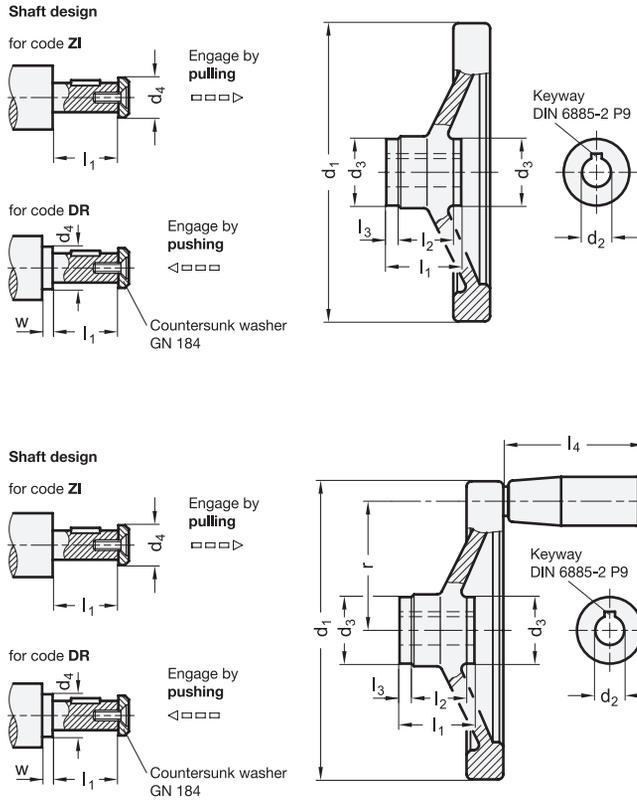
#### ACCESSORY

- GN 184 Countersunk Washers (for Axial Fixing) (see page 971)

#### TECHNICAL INFORMATION

- More Information to Safety Handwheels (see page 133)
- Keyway P9 DIN 6885-2 (see page A16)
- ISO-Fundamental Tolerances (see page A21)





\* Complete with

**ZI** Engage by pulling      **DR** Engage by pushing

**GN 323.4-A**

Description	d <sub>1</sub>	d <sub>2</sub> H7 Bore with keyway	d <sub>3</sub>	d <sub>4</sub> max.	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	r	w min.	Ø Handle GN 598	Coupling GN 000.4 Nominal size	⚖
GN 323.4-125-K12-A-*	125	K 12	28	17	28.5	18	5	67.5	54	4	23	1	405
GN 323.4-140-K12-A-*	140	K 12	28	17	28.5	19	5	67.5	61	4	23	1	493
GN 323.4-140-K14-A-*	140	K 14	32	21	32.5	19	6	67.5	61	4	23	2	523
GN 323.4-140-K16-A-*	140	K 16	32	21	32.5	19	6	67.5	61	4	23	2	480
GN 323.4-160-K14-A-*	160	K 14	32	21	32.5	20	6	82.5	71	4	26	2	632
GN 323.4-160-K16-A-*	160	K 16	32	21	32.5	20	6	82.5	71	4	26	2	619
GN 323.4-200-K18-A-*	200	K 18	38	26	36.5	24	6	82.5	89	4	26	3	1035
GN 323.4-200-K20-A-*	200	K 20	38	26	36.5	24	6	82.5	89	4	26	3	1018
GN 323.4-250-K22-A-*	250	K 22	45	30	47.5	28	12	92.5	113	4	28	4	1796

**GN 323.4-D**

Description	d <sub>1</sub>	d <sub>2</sub> H7 Bore with keyway	d <sub>3</sub>	d <sub>4</sub> max.	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	r	w min.	Ø Handle GN 598	Coupling GN 000.4 Nominal size	⚖
GN 323.4-125-K12-D-*	125	K 12	28	17	28.5	18	5	67.5	54	4	23	1	590
GN 323.4-140-K12-D-*	140	K 12	28	17	28.5	19	5	67.5	61	4	23	1	678
GN 323.4-140-K14-D-*	140	K 14	32	21	32.5	19	6	67.5	61	4	23	2	708
GN 323.4-140-K16-D-*	140	K 16	32	21	32.5	19	6	67.5	61	4	23	2	695
GN 323.4-160-K14-D-*	160	K 14	32	21	32.5	20	6	82.5	71	4	26	2	925
GN 323.4-160-K16-D-*	160	K 16	32	21	32.5	20	6	82.5	71	4	26	2	882
GN 323.4-200-K18-D-*	200	K 18	38	26	36.5	24	6	82.5	89	4	26	3	1328
GN 323.4-200-K20-D-*	200	K 20	38	26	36.5	24	6	82.5	89	4	26	3	1311
GN 323.4-250-K22-D-*	250	K 22	45	30	47.5	28	12	92.5	113	4	28	4	2181

Weight coding ZI



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Operating elements