

Safety Handwheels

Aluminum, with Needle 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 000.5 (see page 185) with needle bearing

- Steel
- Hardened
- Bearing surfaces ground

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 323.5 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

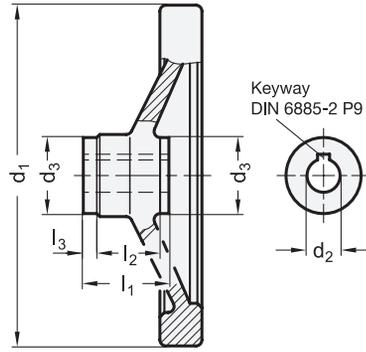
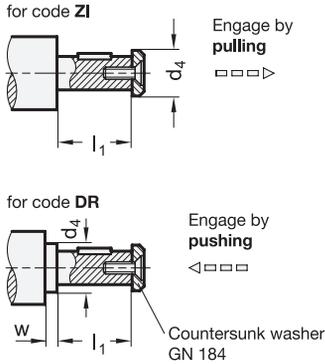
- GN 184 Countersunk Washers (for Axial Fixing) (see page 971)

TECHNICAL INFORMATION

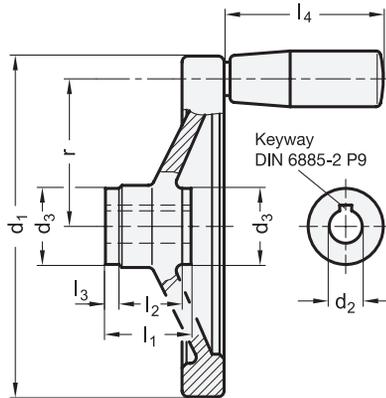
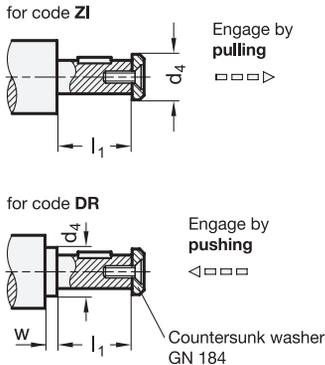
- More Information to Safety Handwheels (see page 133)
- Keyway P9 DIN 6885-2 (see page A16)
- ISO-Fundamental Tolerances (see page A21)



Shaft design



Shaft design



* Complete with

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

GN 323.5-A

Description	d1	d: H7 Bore with keyway	d3	d4 max.	l1	l2	l3	l4 ≈	r	w min.	Ø Handle GN 598	Coupling GN 000.5 Nominal size	⚖
GN 323.5-125-K12-A-*	125	K 12	29	17	42	18	12	67.5	54	4	23	1	423
GN 323.5-140-K12-A-*	140	K 12	29	17	42	19	12	67.5	61	4	23	1	512
GN 323.5-140-K14-A-*	140	K 14	33	21	48	19	14	67.5	61	4	23	2	594
GN 323.5-160-K14-A-*	160	K 14	33	21	48	20	14	82.5	71	4	26	2	600
GN 323.5-200-K18-A-*	200	K 18	39	26	50	24	13	82.5	89	4	26	3	1127
GN 323.5-250-K22-A-*	250	K 22	46	30	54	28	13	92.5	113	4	28	4	1837

GN 323.5-D

Description	d1	d: H7 Bore with keyway	d3	d4 max.	l1	l2	l3	l4 ≈	r	w min.	Ø Handle GN 598	Coupling GN 000.5 Nominal size	⚖
GN 323.5-125-K12-D-*	125	K 12	29	17	42	18	12	67.5	54	4	23	1	611
GN 323.5-140-K12-D-*	140	K 12	29	17	42	19	12	67.5	61	4	23	1	697
GN 323.5-140-K14-D-*	140	K 14	33	21	48	19	14	67.5	61	4	23	2	779
GN 323.5-160-K14-D-*	160	K 14	33	21	48	20	14	82.5	71	4	26	2	1008
GN 323.5-200-K18-D-*	200	K 18	39	26	50	24	13	82.5	89	4	26	3	1425
GN 323.5-250-K22-D-*	250	K 22	46	30	54	28	13	92.5	113	4	28	4	2130

Weight coding ZI

