

Safety Handwheels

Aluminum, with Needle Bearing

SPECIFICATION

Types

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

Wheel body

Aluminum

- Hub machined
- Rim
 - Turned
 - Radial and axial runout < 0,4
- Unmachined body
 - Powder coated
 - Black, textured finish

Coupling attachment

Steel

- Hardened
- Glide surfaces honed

Cover cap

Plastic, light gray

Revolving handle GN 598 (see page 1092)

Steel

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



ACCESSORY

- GN 184 Countersunk Washers (for Axial Fastening) (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)

INFORMATION

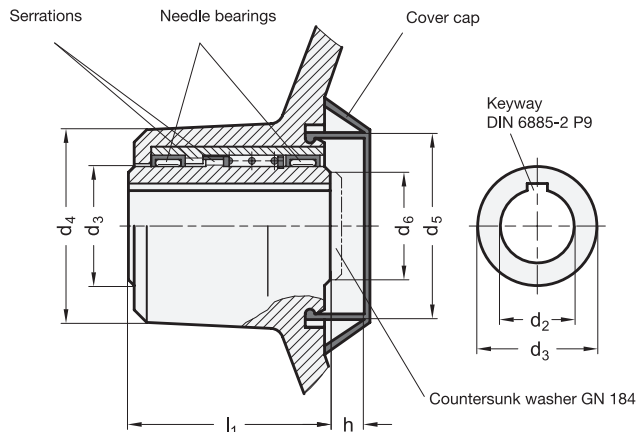
The cover cap protects the bearing from dust and dirt while covering fastening elements such as countersunk washers GN 184 (see page 971).

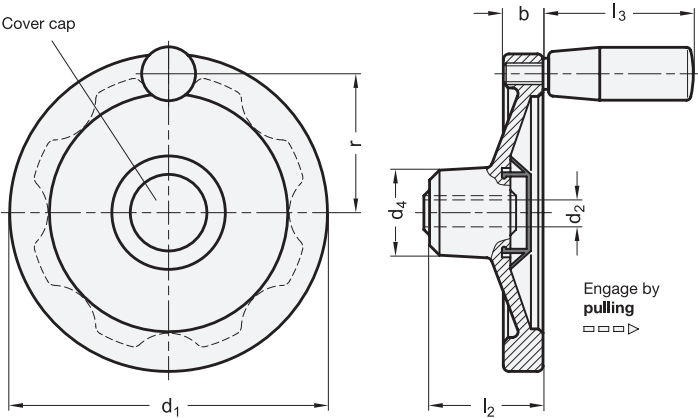
For fastening of the cover cap, the handwheel possesses a groove that is gripped by the elastic segments of the cap.

The cover cap is pressed on by hand and can be pried out with a screwdriver at the indented point.

The needle bearings are greased during assembly, providing ample permanent lubrication.

Details hub with coupling attachments





GN 321.6-A

Description	d1	d2 H7 Bore with keyway	d3	d4	d5	d6 max.	b	h	l1	l2	⚖
GN 321.6-140-K12-A	140	K 12	24	42	40	23	16.5	7	45	58	540
GN 321.6-140-K14-A	140	K 14	24	42	40	23	16.5	7	45	58	520
GN 321.6-140-K16-A	140	K 16	24	42	40	23	16.5	7	45	58	504
GN 321.6-160-K12-A	160	K 12	24	42	40	23	18	7	45	58	659
GN 321.6-160-K14-A	160	K 14	24	42	40	23	18	7	45	58	644
GN 321.6-160-K16-A	160	K 16	24	42	40	23	18	7	45	58	628

GN 321.6-D

Description	d1	d2 H7 Bore with keyway	d3	d4	d5	d6 max.	b	h	l1	l2	l3	r	Ø Handle	⚖
GN 321.6-140-K12-D	140	K 12	24	42	40	23	16.5	7	45	58	67.5	61	23	720
GN 321.6-140-K14-D	140	K 14	24	42	40	23	16.5	7	45	58	67.5	61	23	705
GN 321.6-140-K16-D	140	K 16	24	42	40	23	16.5	7	45	58	67.5	61	23	690
GN 321.6-160-K12-D	160	K 12	24	42	40	23	18	7	45	58	82.5	71	26	952
GN 321.6-160-K14-D	160	K 14	24	42	40	23	18	7	45	58	82.5	71	26	937
GN 321.6-160-K16-D	160	K 16	24	42	40	23	18	7	45	58	82.5	71	26	981