



Safety handwheels

Aluminium, with needle bearings

SPECIFICATION

Types

- Type **A**: without handle
- Type **D**: with revolving handle

Handwheel body

- Aluminium
- Rim turned and polished
- unmachined surfaces plastic coated black, matt

Coupling elements

- Steel, hardened
- Glide surfaces honed

Cover cap

Plastic, light grey

Cylindrical Revolving handles GN 598 (see page 573)

- Plastic, technopolymer, black matt
- Spindle steel, zinc plated, blue passivated

INFORMATION

The hub cap protects the bearing from the ingress of dust and at the same time acts as a shroud for the mounting components.

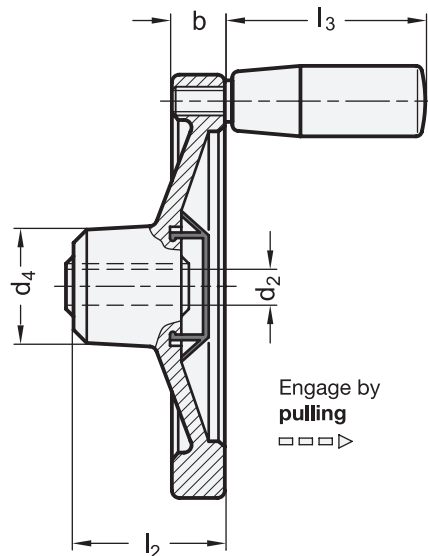
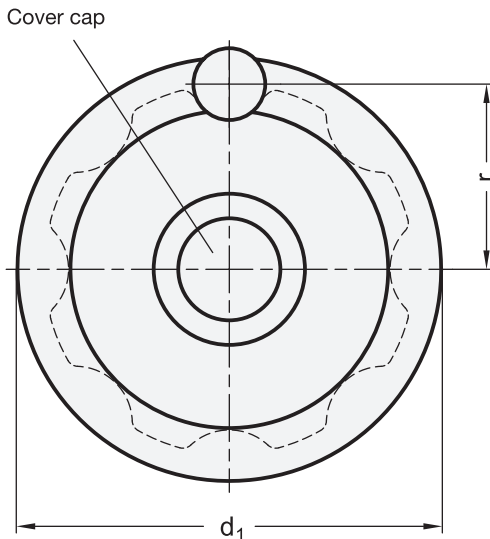
The wheel hub is fitted with an inside groove to retain the hub cap on its segmented edge.

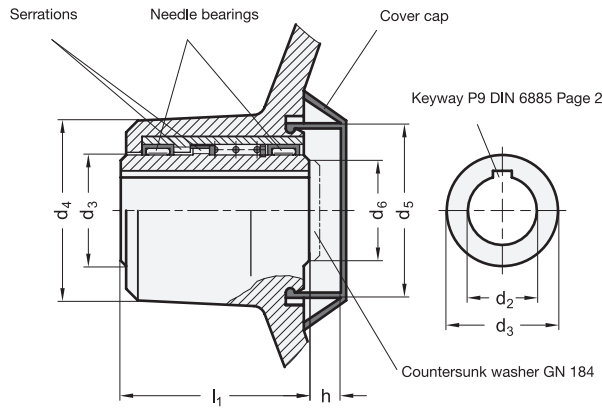
The hub cap is pushed into position by hand and it can be removed by levering it away at the relieved point with a screw driver.

The needle bearings are greased on assembly which should be ample for permanent lubrication.

TECHNICAL INFORMATION

- Keyway P9 DIN 6885 (see page A16)
- ISO-Fundamental Tolerances (see page A21)





GN 321.6-A

Description	d1	d2 H7	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	d3	d4	d5	d6 max.	b	h	l1	l2	l3	r	∅ 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	920

