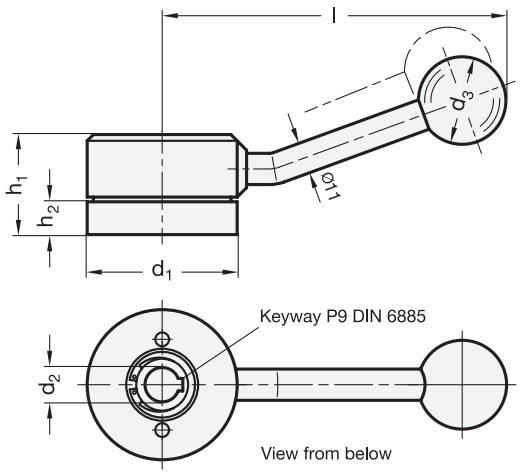
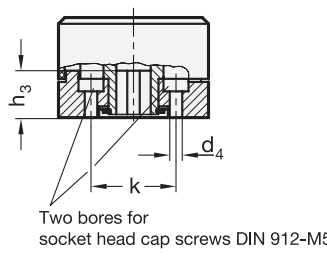




3 Type

A Without serrations
B With 30 serrations

1 d1	2 d2 H7 Bore with keyway		d3	d4	d5	h1	h2	h3 max. Shaft length	k	Length l	w +0,5°
54	K 10	K 12	32	5,2	44,5	37	13	16,5	30	122	22°
60	K 14	K 16	32	5,2	50	39	15	18,5	36	125	19°

Specification

- Steel
  Blackened
- Cover
  Plastic
  Black, with affixed PVC cover disk
  in light grey
- Keyway for bore
  K10: 3 P9 x 1,1
  K12 ... K16: DIN 6885 Page 2 → *Page 2079*
- Ball knob DIN 319
  Plastic, Duroplast
  Black, shiny finish
- *ISO Fundamental Tolerances → Page 2151*
- RoHS

On request

- Serrations, restricted angle to drawing

Information

With indexing levers GN 215 shafts can be turned through a predetermined angle and positively locked. To index, lift the lever against spring pressure from serrations (one hand control).

Limiting the indexing angle can be achieved with two dowels (see sketch).

The **bushing** is connected to the shaft via parallel key / keyway.

The **location flange** is bolted to the machine with two screws (M 5).

The **lever**, via the location pin, provides the connection between shaft and location flange.

The serrations are protected from swarf and similar particles by the cover. This cover can be inserted by hand (elastic segments engage into a groove) and removed with a screw driver.

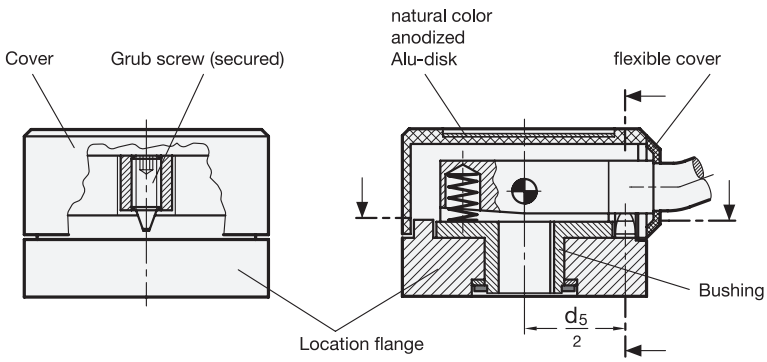
see also...

- *Indexing Mechanisms GN 200 (Steel, Blackened) → Page 352*
- *Adjustable Knob GN 700 (with Stepless Positioning) → Page 356*

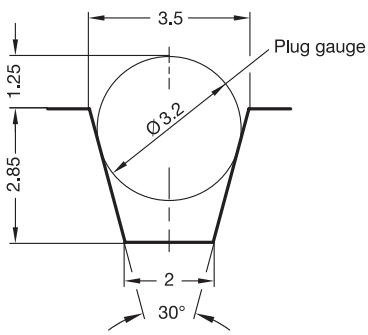
How to order

GN 215-60-K14-A (1 2 3)

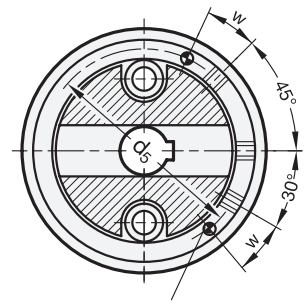
1	d_1
2	d_2
3	Type



Enlargement of serrations
with plug gauge to aid checking



Example with
three serrations and restricted indexing angle



Dowel pin ISO 8750 Ø 3,5 x 7 mm protruding
(only applicable when restricted indexing angle is required)
w = angle from serration (lever position)

Technical and assembly instructions

The location pin is a wedge-type as standard, which guarantees backlash-free positioning and also achieving easy engagement and disengagement.

If backlash-free positioning is not required, a dowel pin (made from a grub screw DIN 915-M6x14) can be used. The serrations can be made square or with dowels and suitable holes. Such holes have to be made large enough to ensure that the dowel is not restricted on engagement (lever swivel radius).

Smallest available angle for special serrations:
11° for size 54
9° for size 60
Smaller angles can be acheived with suitable serrations and dowels.