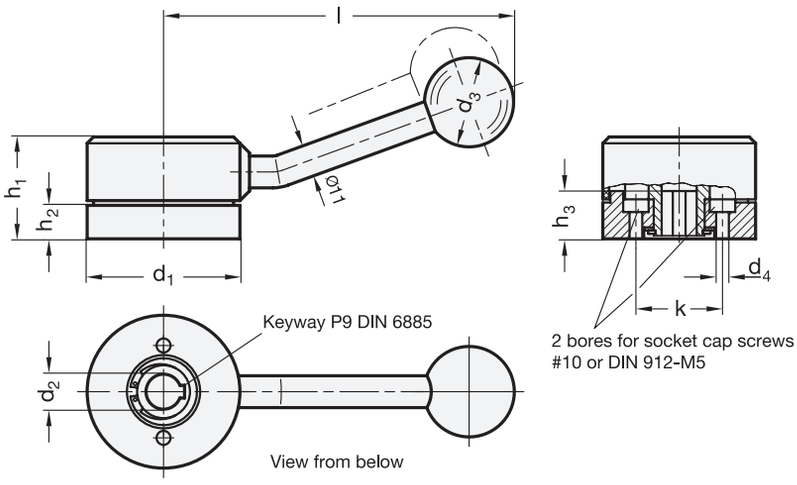


Metric

3 Type

A Without serrations
B With 30 serrations

Metric table

Dimensions in: millimeters - *inches*

1 d_1	2 d_2 H7 Bore with keyway		d_3	d_4	d_5	h_1	h_2	h_3 max. shaft length	k	Length l	w +0.5°
54 *2.13*	K 10	K 12	32 *1.26*	5.2 *0.20*	44.5 *1.75*	37 *1.46*	13 *0.51*	16.5 *0.65*	30 *1.18*	122 *4.80*	22°
60 *2.36*	K 14	K 16	32 *1.26*	5.2 *0.20*	50 *1.97*	39 *1.54*	15 *0.59*	18.5 *0.73*	36 *1.42*	125 *4.92*	19°

Specification

- Body
  Steel, blackened finish
- Cover
  - Plastic, black with affixed PVC cover disk
- Keyway for bore
  K10: 3 P9 x 1.1
  K12 - K16: DIN 6885 Page 2
- Ball knob DIN 319 → *page 55*
  Plastic
  Duroplast (Phenolic PF)
  Black, shiny finish
- *Keyways DIN 6885 Page 2 → page 2041*
- *ISO Fundamental Tolerances → page 2129*
- RoHS compliant

On request

- Serrations, restricted angle to drawing

Information

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

Available with or without serrations. Version with 30 serrations has 12° angle per serration.

Limiting the indexing angle can be achieved with two dowels, see above drawing.

The **bushing** is connected to the shaft .

The **location flange** is bolted to the machine with two socket cap screws DIN 912-M5.

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

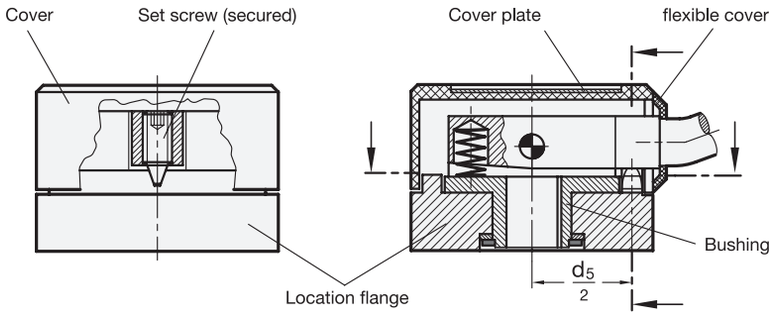
The serrations are protected from debris by the cover. This cover can be inserted by hand (elastic segments engage into a groove) and removed with a screwdriver.

see also...

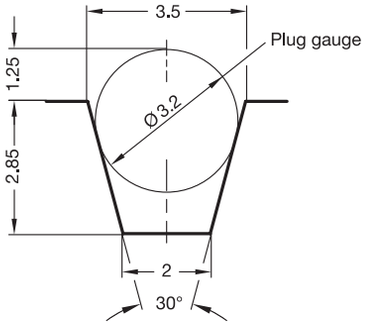
- *Indexing Mechanisms GN 200 (Steel, Blackened Finish) → page 336*
- *Indexing Knobs GN 700 (with Stepless Positioning) → page 340*

How to order
1 2 3
GN 215-60-K14-A

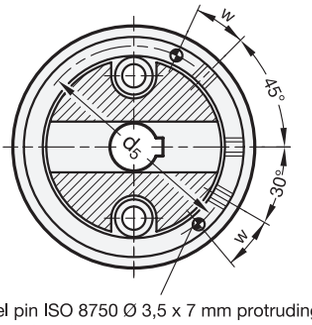
1	**Outside diameter d_1**
2	**Bore with keyway d_2**
3	**Type**



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 set screw) 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 achieved with suitable serrations and dowels.