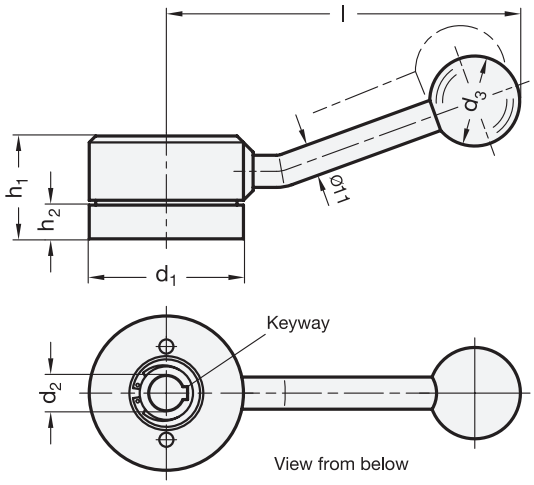
Indexing Levers

Steel



3 Type

A Without serrations
B With gear rim (30 serrations)

1 d_1	2 d_2 H7 Bore with keyway K		d_3	d_4	d_5	h_1	h_2	h_3 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

Lever
Steel
- Blackened
- Keyway
  - Tolerance slot width P9
  - Bore K 10: DIN 6885-1
  - Bore K 12...K 16: DIN 6885-2

Cover
Plastic
- Black
- With affixed PVC cover disk in light grey

Ball knob DIN 319
Plastic, Phenolic resin (PF)
Black, shiny finish

RoHS

On request

- Serrations, restricted angle to drawing

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 (sketch).
The bushing is connected to the shaft via keyway.
The location flange is bolted to the machine with two socket head cap 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...	Page
GN 200 Indexing Mechanisms (Steel)	QVX
GN 200 Indexing Mechanisms (Stainless Steel)	QVX
GN 700 Adjustable Knobs (with Stepless Positioning)	QVX

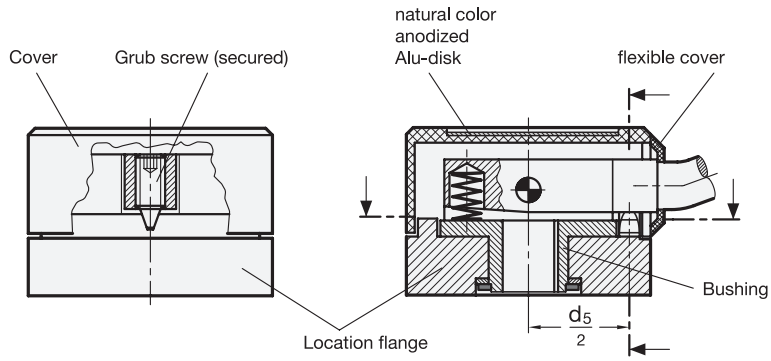
Technical Information

Technical and Assembly Instructions	QVX
Keyway P9 DIN 6885-1	QVX
Keyway P9 DIN 6885-2	QVX
ISO Fundamental Tolerances	QVX

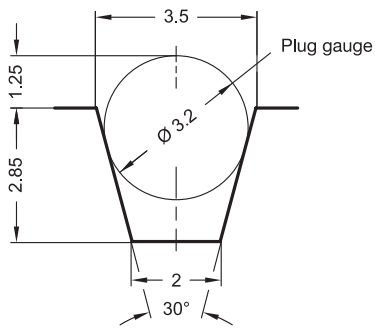
How to order

GN 215-60-K14-A

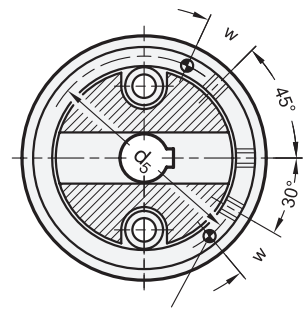
1	d_1
2	d_2
3	Type



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.