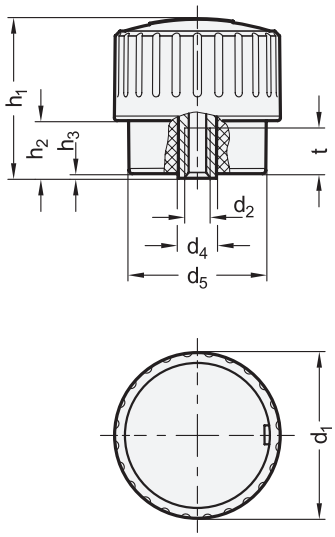
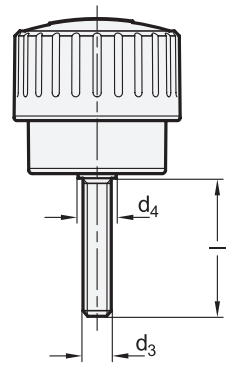




ELESA original design MZD

1 d_1	2 d_2	2 d_3	3 Length l	d_4	d_5	h_1	h_2	h_3	t	4 max. torque ±10% in Nm
47	M 6	M 6	30	9	39	44	15	0,3	12	1
47	M 8	M 8	40	12	39	44	15	0,3	12	1

Specification

5

- Plastic
  Technopolymer (Polyamide PA)
  - glass fiber reinforced
  - temperature resistant up to 80 °C
  - black, matte ● SW
- Threaded stud
  Steel, blackened
- Bushing
  Steel, blackened
- Color of the cover cap
  gray, RAL 7035
- *Plastic characteristics* → *Page 1483*
- RoHS

Information

Torque limiting knobs / Torque limiting knob screws GN 5910 are used when the manually applied torque is to be limited. The torque limit can be set between 0.2 Nm and 1 Nm.

When turned clockwise, the torque of the knobs triggers an “over-engagement” as soon as the specified torque is reached. When tightening, this will ensure that the maximum permissible torque is not exceeded. When turned counterclockwise, the mechanism locks such that the torque necessary for releasing is transmitted.

Endurance tests have shown that the torque does not change even after up to 60,000 tightening cycles.

see also...

- *Torque limiting knobs / Torque limiting knob screws GN 3663* → *Page 447*
- *Torque limiting triangular knobs GN 5344* → *New products*
- *Torque limiting wing nuts / wing screws GN 5320* → *New products*

How to order (Bushing)

1 2 4 5
GN 5910-47-M6-1-SW

1	d_1
2	d_2
4	max. torque
5	Color

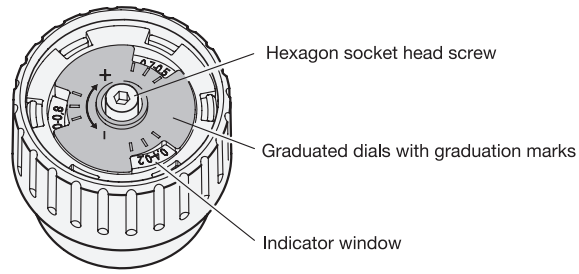
How to order (Threaded stud)

1 2 3 4 5
GN 5910-47-M8-40-1-SW

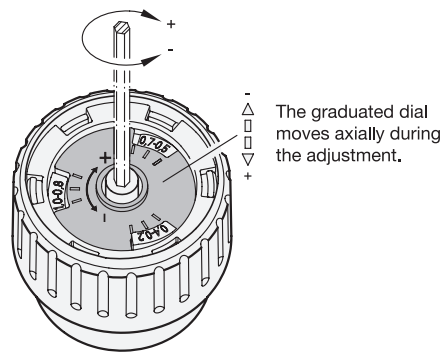
1	d_1
2	d_3
3	Length l
4	max. torque
5	Color

Adjustment of the torque

To adjust the torque, the cap of the torque limiting knob is removed to access the adjustment mechanism and to disengage the locking of the torque setting.



The torque is set with the hexagon socket bolt in the center of the knob. The graduated dial moves in the axial direction, increasing or decreasing the torque limit.



The set torque value is indicated on the graduated dial. Depending on the torque value, the slanted surfaces of the indicator window are level with the graduation marks of the graduated dial. After setting the torque, the cap must be reattached. This locks the torque setting and protects the adjusting mechanism from unauthorized access.

Example: set torque = 0.5 Nm