

Torque limiting clamping knobs for steady tightening and protected surfaces



MZD



VTD



CTD



GN 3663

To prevent deformations or damages to the clamped objects, Elesa+Ganter offers a selection of torque-limiting clamping elements.

The integrated mechanism releases the knob from the clamping element once the max torque value is reached. The torque transmission from the knob to the clamping element occurs by means of a spring system that prevents the pre-set torque from being exceeded. A “click” will be heard to indicate that maximum tightening has been achieved. By rotating counterclockwise, the knob unlocks.

Applicable torques: from 0.2 Nm to 6.0 Nm. **Different ergonomic shapes** knurled knobs, three-arm knobs and wing knobs are the most suitable to perfectly fit the operator's grip according to the application and the required tightening torque.

Severe laboratory tests show that the torque limiting mechanism is fully operational after thousands of cycles.

- **MZD adjustable torque limiting knob** (ELESA Patent) in technopolymer, suitable for clamping at low torques - from 0.2 Nm to 1 Nm. To learn more about its features and functioning, watch the video on the Elesa+Ganter YouTube channel.
- **VTD torque limiting knob** (ELESA Patent) in technopolymer, suitable for clamping at high torques - from 2 Nm to 6 Nm.
- **CTD torque limiting wing knob**, in technopolymer and available in black or orange colour, suitable for clamping at medium torques - 2 Nm and 3 Nm.
- **GN 3663 torque knurled knobs / torque knurled knob screws** in anodised aluminium and technopolymer cap, suitable for clamping on a wide range of torques - from 0.7 Nm to 5.5 Nm.

Product technical data sheets, along with drawings and tables with codes and dimensions are available on our website [elesa-ganter.com](https://www.elesa-ganter.com).

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