

Pioneers in material. Leaders in standards.



DT.464 Knurled knobs



DT.464-EH Knurled knobs for screwing with a hexagonal key



DT.464-SB Knurled knobs with spherical end

New knurled knobs in SUPER-Technopolymer: DT.464 and DT.653-AV

Elesa+Ganter has expanded its range of standard components with two new knurled knobs – DT.464 and DT.653-AV – developed to offer a high-performance solution in terms of mechanical strength, ergonomics, and weight reduction.

Manufactured from SUPER-Technopolymer, a high-performance engineering plastic already widely used in Elesa+Ganter products, these new knobs extend the existing range, which includes traditional DIN 464 and DIN 653 versions in steel and stainless steel. While maintaining the same dimensions as the metal versions, they offer the additional advantages of SUPER-Technopolymer, making them suitable for a wide variety of applications.

Available in black or grey to complement the appearance of the metal equipment they're intended for; the new knobs provide a blend of technical benefits to meet the demands of modern industry:

- Corrosion resistance, ideal for damp or aggressive environments
- Chemical and solvent compatibility
- Safe, long-lasting use even outdoors
- High mechanical strength, thanks to a reinforced structure and the properties of SUPER-Technopolymer
- Lightweight construction for improved system efficiency
- Electrical insulation

The range includes five versions to meet common mounting needs:

- Standard
- With hexagon socket for key tightening
- With spherical end
- With technopolymer thrust pad
- With screwdriver slot for tightening

Contact:

Fabio Invernizzi | +39 039 28 11 1 | fabio.invernizzi@elesa.com

ELESA S.p.A.

Via Pompei, 29 | 20900 Monza | Italy

+39 039 28 11 1 | info@elesa.com | elesa.com

elesa-ganter.com



DESIGNED
FOR ENGINEERING



DT.464-SV Knurled knobs with locking thrust pad



*DT.653-AV Knurled knobs for screwing
with a screwdriver*

The advantages of SUPER-Technopolymer

Elesa+Ganter draws on in-house expertise and an advanced laboratory to develop next generation technopolymers, originally derived from sectors like automotive, aerospace, and electronics. These materials offer exceptional mechanical performance alongside thermal, chemical, and corrosion resistance, delivering a unique combination of strength, lightness, and durability.

Ideal for applications requiring high performance and long service life, including machine tools, industrial automation, packaging, and food processing, SUPER-Technopolymer represents a step forward in industrial component design.

Reinforced with glass or aramid fibres, it offers excellent resistance to tensile, compressive, and flexural stress, even at high temperatures or under thermal shock. Its chemical resistance makes it suitable for aggressive or demanding environments.

The material's low weight helps reduce the overall mass of machinery, improving energy efficiency and making installation and maintenance easier. Its smooth, non-porous surface and low friction coefficient minimise wear and eliminate the need for lubrication. It also provides valuable electrical insulation and allows for more efficient production thanks to reduced machining time and cost.

More information on Elesa+Ganter standard elements can be found in the internet at: elesa-ganter.com

Contact:

Fabio Invernizzi | +39 039 28 11 1 | fabio.invernizzi@elesa.com

ELESA S.p.A.

Via Pompei, 29 | 20900 Monza | Italy

+39 039 28 11 1 | info@elesa.com | elesa.com

elesa-ganter.com



DESIGNED
FOR ENGINEERING