

# Press Release

31/1/2024

## ELESA introduces the awarded TCC system: strength, durability, and versatility in tubular clamp connectors

Elesa, the world's leading provider of standard components for the mechanical industry, is proud to present its award-winning range of connecting clamps for tubes. The TCC System, is honored with the 2024 German Design Award "Winner" distinction in the Excellent Product Design category, for its combination of strength, durability, and versatility for a multitude of industrial applications.

Engineered with simplicity and robustness, Elesa's tubular clamp connectors easily affix to tubes, creating stable structures. From metal leg attachments to tabletops, steel tubing and pipes, as well as fencing systems, and workshop furniture. Constructed from fiberglass reinforced polyamide based technopolymer and fitted with stainless steel screws and nuts, these connectors resist high temperatures and corrosion while reducing weight.

User-friendly design features include smooth surfaces for easy cleaning, free of sharp corners. The connectors ensure dimensional accuracy, top-tier manufacturing, and guarantee resistance to tube pull out and tube rotation (resistance values measured during laboratory tests at ambient temperature with the screws tightened to the suggested torque).

Choose from a variety of configurations such as two-way, with mounting base plate, T-shaped, straight sleeve, and hinged joints connectors. They can be secured with standard clamping kits for convenient and frequent adjustments, negating the need for extra tools.

Elesa's TCC System connectors are available in matte black or grey, complementing the natural color of aluminum and come in two sizes for diverse needs (Ø 18 or 30 mm). Reducer sleeves are sold as accessories for other diameters. Lastly, Elesa now offers a selection of connecting clamps for tubes in Visually Detectable "Signal blue" RAL 5005 technopolymer (material suitable for contact with food FDA CFR.21 and EU 10/2011) and easily detectable to the human eye. This feature significantly enhances safety in food production processes, complying fully with international regulations.



*ELESA Visually Detectable connecting clamps, stainless steel and aluminium connecting clamps*

## Press Box

**Contact:** Alexandria Ivakovic  
**E-mail:** [Alvakovic@elesausa.com](mailto:Alvakovic@elesausa.com)

**ELESA USA**  
1930 Case Parkway North  
Twinsburg, OH, 44087  
tel. 1-800-374-7686 - [info@elesausa.com](mailto:info@elesausa.com)

[elesa.com](http://elesa.com)

**STANDARD MACHINE ELEMENTS WORLDWIDE**

**elesa®**