

SCREWS, WASHERS, AND PLUGS FOR STANDARD AND SPECIAL APPLICATIONS

Lika Electronic offers a huge range of **high-quality screws, nuts, washers, and plugs** for standard and special applications.

Special screws are designed to meet the requirements of individual industrial sectors such as the food and packaging machinery, medical devices (biochemical analyzers, CT scans, MRI machines, etc.), equipment for manufacturing processes (semiconductor, photolithography, coating, physical and electrical inspection equipment, etc.).

Special screws are available in the range M1 to M36 and include:

- Screws **made of special materials**: high performance stainless steel, titanium, bronze, tungsten, plastic, ceramic, silicon carbide, and other materials allow to meet individual needs.
- Screws **suitable for tricky environments**: screws for use in vacuum chambers, capable of emitting low levels of outgassing, ideal for semiconductor manufacturing equipment.
- Screws featuring **excellent electrical insulation properties**: they prevent current from flowing through electrical and electronic components.
- Screws featuring **non-standard mechanical properties**: screws with high strength capabilities (mechanical tensile strength

above 945 N/mm²); screws that can withstand very high temperatures up to 1500°C / 2732°F; screws with low magnetic permeability, ideally suited for semiconductor manufacturing equipment, FPD manufacturing equipment, electronic devices, and MRI machines.

- Screws with **special treatments and cleaning processes**: special materials and coatings prevent chemical corrosion in aggressive environments; ultrasonic (ISO Class 7) or IPA cleaning processes in a cleanroom environment make screws suitable for FPD manufacturing equipment, semiconductor manufacturing equipment, medical devices, and food machinery.
- Screws with **special design** to address space-constraint, weight, and other mechanical issues: the screws can have low profiles, small

heads, reduced lengths, customized head and drive shapes.

- Security and tamper resistant screws: they need special tools for installation and removal;
- captive screws: they are designed to prevent them from falling out or being completely removed.
- Screws with extremely low spectral reflectance: they are suitable for use in optical equipments requiring anti-reflection properties.

If you have any questions or need additional information, please do not hesitate to reach out or [download the catalog](#)

