

Standard elements in ESD design prevent damage to products



Levelling feet, cabinet "U" handles, knurled nuts and knurled screws in ESD design.

News from GANTER in Furtwangen

Ganter, makers of standard elements, have enlarged their product portfolio with levelling feet, cabinet "U" handles, knurled nuts and knurled screws in ESD design.

The conductive plastic coating (special technical polymer) of these designs prevents the flashover of static charges between bodies with different electric potential. The most common causes of this difference in potential are friction electricity (triboelectric effect) or influence.

By using high-quality plastic materials and with the appropriate design (ribbing), the GN 344.2 / GN 344.7 ESD levelling feet accomplish a high degree of antistatic rating. They are available with zinc-plated, blue chromated steel screws (GN 344.2) or with non-rusting stainless steel screws (GN 344.7) and have been designed to withstand temperatures as high as 100°C.

The characteristic feature of the ESD GN 590 knurled nuts (with brass bushing) and the ESD GN 591 knurled screws (with zinc-plated, blue chromated threaded pin) is the coarse, negative knurling, with its shape and plastic properties guaranteeing a high degree of stability and durability. They can be used in temperatures as high as 130°C.

The ESD GN 528 cabinet "U" handles are also made of conductive plastic and can be used in temperatures as high as 150°C.

Each standard element is marked "ESD" and indicates the appropriate antistatic properties in compliance with IEC 61340-5-1.

The new GANTER line of antistatic elements is especially suitable for use in assembly lines for electronic components and in special ESD protected zones (PA) where electro-statically sensitive components need to be handled with the lowest possible risk of damage.



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