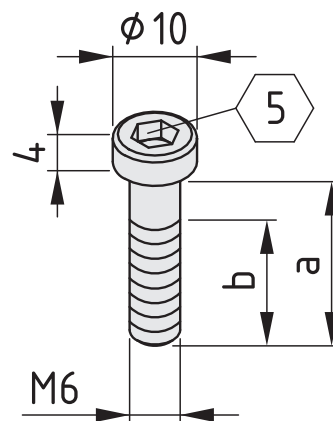




Article number: 8.0.007.43
 Article: Hexagon Socket Head Cap Screw DIN 6912 M6x40,
 bright zinc-plated



The above-mentioned product's suitability for use in ESD-protected areas (EPA) has been checked in line with the specifications of IEC/DIN EN 61340-5-1:2024 and it meets the relevant requirements.

Typical resistance values at the relevant ambient temperature (measurement voltage: 100 V=)

Measurements ¹	Standard limit values	Test limit values ²
Ambient temperature	$23^{\circ}\text{C} \pm 2^{\circ}\text{C}$	$23^{\circ}\text{C} \pm 2^{\circ}\text{C}$
Leakage resistance	$< 1 \times 10^9 \Omega$	$< 1 \times 10^9 \Omega$
Surface resistance	$< 1 \times 10^9 \Omega$	$< 1 \times 10^9 \Omega$
Volume resistance	$< 1 \times 10^9 \Omega$	$< 1 \times 10^9 \Omega$

¹ Depending on the range of functions and the geometrical dimensions, some measurements may not be relevant.

² Due to the local conditions, the relative humidity during all product tests was 10 - 65 percent.

Depending on the application, the entire solution requires additional resistance if the resistance measurement falls below $1 \times 10^4 \Omega$.
 NB: To ensure safe use in ESD-sensitive environments, measurements must be taken on a regular basis to check that the entire solution in which the product is being used complies with the relevant values (to IEC/DIN EN 61340).

Solingen, 23.09.25

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