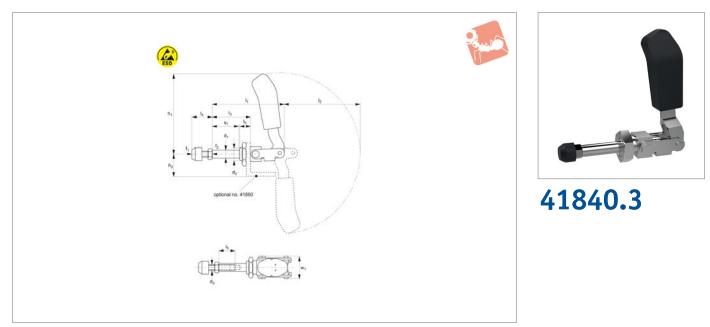


Push-Pull Toggle Clamps

ESD - compact version

ESD Toggle Clamps



Material

Body: steel, zinc-plated. Piston rod: non-rusting steel. Shoulder screws: steel, tempered. Bearing positions are greased. Long rod-guide with attaching thread and nut. With protective cap and handle made of electrostatic conductive (dissipative) material. The handle is ergonomic, soft feel, oil-resistant and with large grip area. Complete with zinc plated and tempered clamping screw no. 45020.W0301- .W0303.

Technical Notes

Temperature range -10°C to +80°C. The ESD (electrostatically sensitive devices) push-pull type toggle clamp is non-insulating. It must not be used in areas where open voltages are used.

Order No.	Size	F ₁ kN	F ₂ kN	h ₁	h ₂	I_1	I ₂	l ₃	ا ₄ min.	Weight
41840.W0202	2	1.0	1.0	73	24	68.5	68	36	17	130
41840.W0203	3	2.5	2.5	123	33	108.0	115	57	22	320
Order No.	l ₄ max.	I_5	I ₆	d_1	d ₂	d ₃	w_1	Stroke s_1	Clamping screw	
41840.W0202	25	15	13	10	M16x1,5	M 6	30.5	24.5	M 6x25	
41840.W0203	35	25	16	12	M20x1,5	M 8	33.0	40.0	M 8x35	



ESD Toggle Clamps

overview



The ESD toggle clamps have been specially developed for working with electrostatically sensitive components, assemblies or devices in ESD protection zones (EPA) in accordance with the standard DIN EN 61340-5-1. All our toggle clamps have been tested and certified by an independent expert regarding leakage resistance, discharge time and surface tension.

Features

Toggle Clamps

- Leakage resistance according to DIN IEC / TR 61340-5-2 between 10⁰⁴ and 10⁰⁹ Ohm.
- Discharge time according to DIN IEC / TR 61340-5-2 < 2 seconds.
- Surface tension (electric field strength) according to DIIN EN 61340-5-1 < 100 Volt.





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