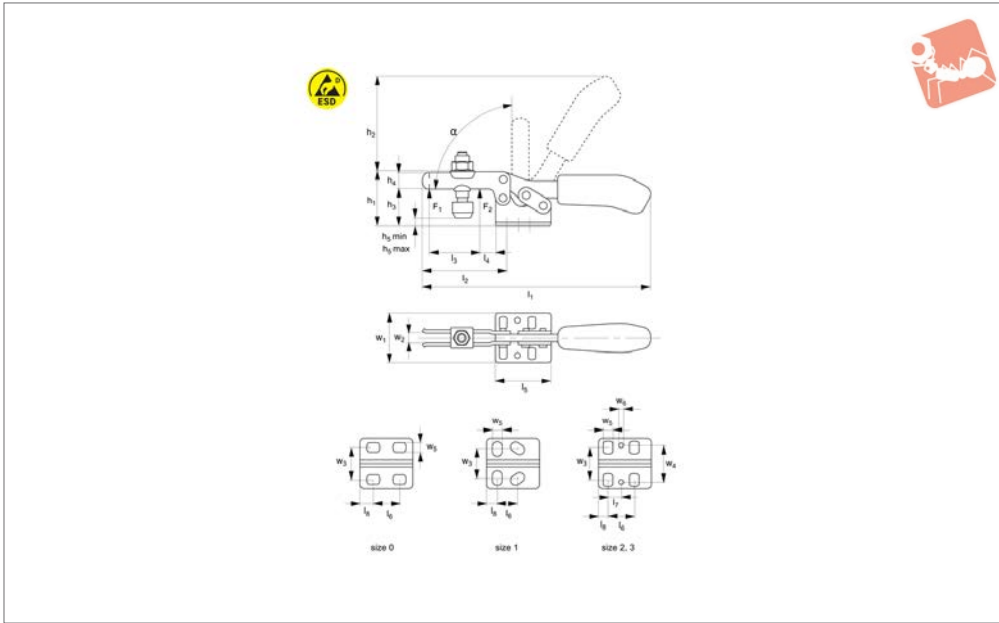




Horizontal Acting Toggle Clamps

ESD - open arm - horizontal base



41000.3

ESD TOGGLE CLAMPS

Material

Body: steel, zinc plated.
 Rivets: stainless steel running in hardened bushings (sizes 2-3). Bearing positions are greased.
 With protective cap and handle made of electrostatic conductive (dissipative)

material. The handle is ergonomic, soft feel, oil-resistant and with large grip area. Retainer for the clamping screw at the end of the clamping arm.
 Complete with zinc plated and tempered clamping screw no. 45060.W0300- .W0303.

Technical Notes

Temperature range -10°C to +80°C.
The ESD (electrostatically sensitive devices) horizontal 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	Clamping screw	h ₁	h ₂	h ₃	h ₄	h ₅ min.	h ₅ max.	l ₁	l ₂	Weight g
41000.W0200	0	0.25	0.4	M 4x25	23.0	34	14.5	7.5	-5.5	0.0	79	28	35
41000.W0201	1	0.80	1.1	M 5x30	30.0	49	19.0	10.0	-3.0	2.5	120	42	105
41000.W0202	2	1.00	1.2	M 6x35	45.0	68	24.0	13.2	-1.5	5.0	162	64	185
41000.W0203	3	1.80	2.5	M 8x45	48.5	86	32.0	15.0	-2.0	9.0	206	73	320

Order No.	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	w ₁	w ₂	w ₃	w ₄	w ₅	w ₆	α
41000.W0200	9.0	5.5	25.5	11,5-15,5	-	6.3	25.0	4	16.0	-	4.6	-	90°
41000.W0201	18.7	8.0	34.0	13,0-14,5	-	5.5	34.0	5	18,0-21,5	-	5.2	-	90°
41000.W0202	32.0	16.0	38.0	26.0	12.7	6.0	42.0	6	19,5-29,5	28.5	5.6	5.6	90°
41000.W0203	38.0	14.0	50.0	25.7	13.0	7.0	45.5	8	22,0-31,8	31.6	6.5	5.1	90°



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

- Leakage resistance according to DIN IEC / TR 61340-5-2 between 10^{04} and 10^{09} 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.

