

MATERIAL

Glass-fibre reinforced polyamide based (PA) technopolymer, with silver ion additive on an inorganic base, RAL 7021 grey-black colour (C1) or RAL 9016 white (C16), matte finish.

STANDARD EXECUTION

AlSi 304 stainless steel pin, hexagonal socket at threaded end.

FEATURES AND APPLICATIONS

The special antimicrobial additive prevents the proliferation of microbes, bacteria and fungi on the product surface.

The controlled release mechanism of the silver ions keeps the antimicrobial characteristics unchanged over time, even after several washing cycles.

The high temperature resistance of the additive used allows its use even in sterilisation cycles (130°C).

Material samples have been tested in accredited laboratories, according to the standards of ISO 22196: 2011 (Measurement of antibacterial activity on plastics and other non-porous surfaces) which derives from the JIS Z 2801 standard.

The following microbe strains have been used for the tests:

- Escherichia Coli ATCC® 25922™ (antimicrobial activity 99,9%).
- Staphylococcus Aureus ATCC® 25923™ (antimicrobial activity 99,9%).
- Klebsiella Pneumoniae ATCC® 13883™ (antimicrobial activity 99,8%).
- Pseudomonas Aeruginosa ATCC® 27853™ (antimicrobial activity 99,9%).
- Candida Albicans ATCC® 10231™ (antimicrobial activity 98,9%).

Antimicrobial additives are suitable for all applications where sanitation and hygiene are fundamental, for example:

- medical and hospital equipment;
- disability aids;
- machines for food processing and pharmaceutical industry;
- equipment for catering service;
- urban and public fittings.

MATERIAL

Zinc-plated steel.

STANDARD EXECUTION

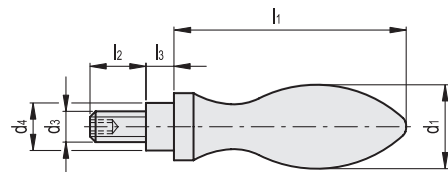
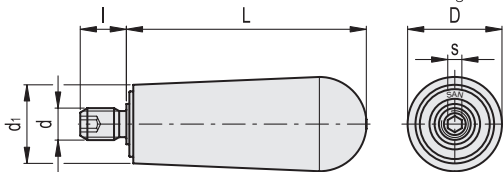
Zinc-plated steel pin, hexagon socket at threaded end.

SPECIAL EXECUTIONS ON REQUEST

h8 plain pin (DIN 98-D).



ELESA Original design



Code	Description	D	L	d	d1	I	s	⚖️
153031-C1	I.644/90+x-M8-SST SAN-C1	36	90	M8	30	16	4	132
153031-C16	I.644/90+x-M8-SST SAN-C16	36	90	M8	30	16	4	132

Code	Description	d1	d3	d4h13	l1	l2	l3	⚖️
GN.11105	DIN 98-ST-16-E	16	M6	10	49	11	5.5	55
GN.11125	DIN 98-ST-20-E	20	M8	13	61	13	6	104
GN.11145	DIN 98-ST-25-E	25	M10	16	75	14	8	187
GN.11165	DIN 98-ST-32-E	32	M12	20	95	21	10.5	387
GN.11175	DIN 98-ST-36-E	36	M16	22	106	26	11	541