Wing nuts

Technopolymer with antimicrobial protection

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.

BOSS CAP
- ECA.W SAN: polyamide based (PA) technopolymer, with silver ion additive on an inorganic base, RAL 7021 grey-black colour (C1) or RAL white (C16), matte finish, press-fit assembly.

Available also as accessory sold separately (see table ECA.).

STANDARD EXECUTION
AISI 304 stainless steel boss, threaded blind hole.

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.

ACCESSORIES ON REQUEST
- ECA.W SAN: polyamide (PA) technopolymer boss cap, with silver ion additive on an inorganic base, RAL 7021 grey-black colour C1) or RAL 9016 white (C16) finish, press-fit assembly.

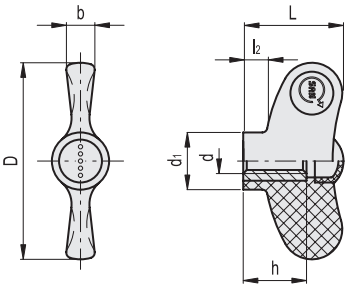
ERGOSTYLE® ELESA Original design

C1 RAL7021 C16 RAL9016

ECA.W SAN

Code	Description	Boss cap for
29756-*	ECA.W2-SAN-*	EWN.40
29757-*	ECA.W3-SAN-*	EWN.55

* Complete with colour index (C1, C16).



STAINLESS STEEL

Code	Description	Code	Description	D	d6H	L	d1	l2	b	h	C# [Nm]	⚖
153124-C1	EWN.40 SST-M6-SAN-C1	153124-C16	EWN.40 SST-M6-SAN-C16	40	M6	20	13.5	4	6	12	10	11
153128-C1	EWN.55 SST-M8-SAN-C1	153128-C16	EWN.55 SST-M8-SAN-C16	55	M8	28	16	6.5	8	18	15	15

"Max limit Tightening torque" means the max torque value at which the metal insert, in normal conditions of use, is perfectly and strongly anchored to the plastic material.

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