

the complete world of brushes

ZAHORANSKY

The leading manufacturer of machinery, transfer lines and injection moulding tools for the production and packaging of toothbrushes, nail brushes and hairbrushes as well as dishwashing brushes.

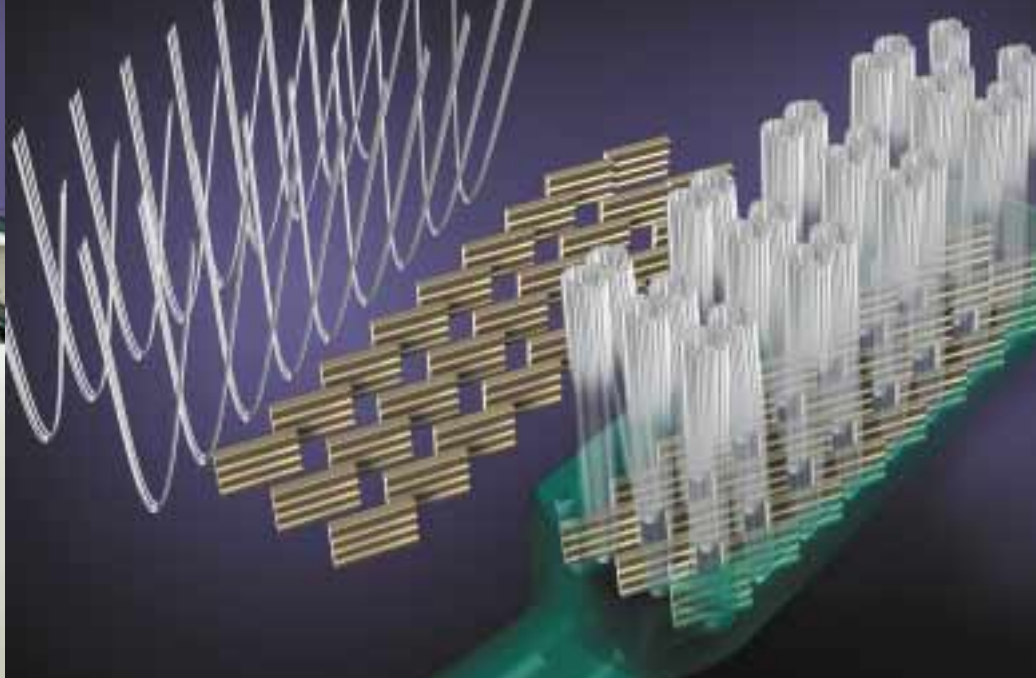
source of solutions

bedra[®]

The leading manufacturer of anchor wires in nickel silver and brass alloys for anchoring filaments in high quality toothbrushes and brushes.



zahoransky | bedra | wire team



Zahoransky machine and unit expertise

The name Zahoransky stands for development, production and distribution of fully automated machines and units for the production and packaging of toothbrushes and nail brushes. Zahoransky maintains its market leadership by supplying a full-range programme, which also offers numerous options and customized solutions.

- Injection moulding tools for toothbrushes, nail brushes and hairbrushes, dishwashing brushes, plastic caps, plastic boxes for toothbrushes.
- Zahoransky single machines and compact units for the tufting and finishing of toothbrushes.
- Complete production lines for manufacturing toothbrushes – with most modern CNC control and a wealth of patented accessory options.
- Twin units for "double the output": Brushes with inclined tufts or concave brush heads are possible.
- Combined units for "special toothbrushes".

Zahoransky, the world's foremost producer of advanced machines and production lines for manufacturing toothbrushes offers its customers – besides a worldwide distribution and service network – its own innovation and training centre in Todtnau, Germany.

Anton Zahoransky GmbH & Co.
Schwarzwaldstraße 8
D-79674 Todtnau
Phone +49 (0) 76 71 997-0
Fax +49 (0) 76 71 997-299
e-mail: info@zahoransky.de
www.zahoransky.de

bedra® solution expertise for anchor wires

Under the corporate trademark – bedra® – source of solutions – Berkenhoff GmbH develops, produces and distributes non-ferrous fine wires of nickel silver and brass for toothbrushes and brushes. Cast and made exclusively from virgin metals.

- Ungrooved bedra® anchor wires for anchoring of filaments in toothbrushes
 - Grooved bedra® anchor wires with original safety grooves for significant increase in tuft retention when anchoring the filaments in high quality toothbrushes
- Special features of bedra® anchor wires:
- machine and unit tested together with leading manufacturers: from the compact to the complete unit
 - dimensionally accurate
 - high anti-bacterial properties, especially in nickel silver
 - hygienically produced and packaged according to customer's requirements

Our worldwide distribution network ensures the availability of products and services – be it standard designs or customized finishes.

Berkenhoff GmbH
Berkenhoffstraße 14
D-35452 Heuchelheim
Phone +49 (0) 6 41 601-0
Fax +49 (0) 6 41 601-222
e-mail: info@berkenhoff.de
www.berkenhoff.de

Technical data

Materials

- nickel silver e.g. NS12 (CuNi12Zn24); NS10BA (CuNi10Zn27)
- brass e.g. Ms63 (CuZn37)
- other alloys upon request

Dimensions

1,000 – 2,000 x 0,200 – 0,500 mm
.0394" – .0787" x .0079" – .0197"

for example:

- 1,200 x 0,200 mm .0472" x .0079"
- 1,200 x 0,300 mm .0472" x .0118"
- 1,300 x 0,250 mm .0512" x .0098"
- 1,400 x 0,300 mm .0551" x .0118"
- 1,400 x 0,350 mm .0551" x .0138"
- 1,450 x 0,350 mm .0571" x .0138"
- 1,524 x 0,254 mm .0600" x .0100"
- 1,570 x 0,300 mm .0618" x .0118"
- 1,800 x 0,350 mm .0709" x .0138"

other dimensions upon request

Standard tolerances

- +/- 0,02 mm width +/- .00078"
- +/- 0,01 mm thickness +/- .00039"
- other tolerances upon request

Finishes

- rolled edges
- edges according to customer specification
- other finishes upon request

Make-up

spool types	weight in kg/lbs
KM 150	3,20/7,00
P 5	5,00/11
SD 200	5,00/11
K 160	6,00/13,20
AD 200	6,00/13,20
SD 300	12 to 15/26,5 to 33