

No limits in braiding

Stents, braided with Nitinol or stainless steel, occluders, braided with finest wires or surgical sutures, made of silk, UHMWPE fibers or absorbable material – we have the right machine for your needs. A wide range of carrier numbers, an exact programming and tailor-made take-off systems guarantee a consistently high quality of any product for the medical industry.



HERZOG is the worldwide leader in braiding, winding and rewinding technology. Founded in 1861, situated in Oldenburg in Northern Germany, Herzog counts today with 12.000 sqm state-of-the-art production facilities and 150 highly-skilled employees.

The wide range of products comprises more than 500 machines for many different applications. Among them some special developments for the medical industry.

The HERZOG consulting and service is second to none, full consideration is given to all requests, completing a perfect concept.



Variation braider VF 1/4-32-140 to produce braids with carrier numbers between 4 and 32



Braiding Technology for Medical Applications

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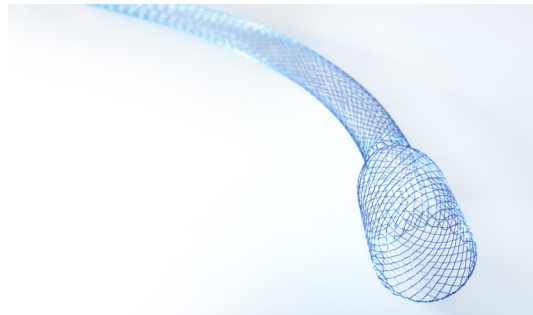
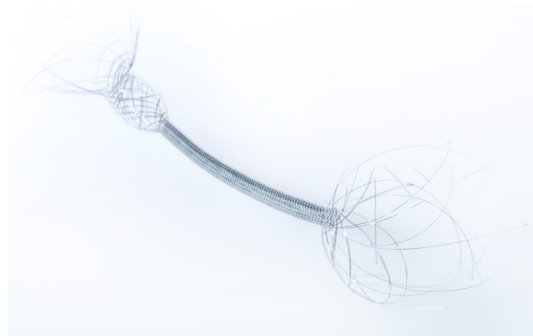
Sutures

- Carrier numbers 3, 4, 6, 8, 12, 16, 17...
- Pitch size 56, 80, 100... mm
- Bobbin dimensions
 - 18 x 7 mm = 0,54 cm³
 - 40 x 27 mm = 28,5 cm³
 - 42 x 110/130 mm = 125/148 cm³
 - 55 x 130/170 mm = 265/346 cm³
- Round, Flat braids
- Bifurcated/Round to Flat braids
- Core & axial yarn control
- Various yarn guides
- Various take-up systems
- Mechanical or PLC control with Database



Stents

- Carrier numbers 16, 24, 36, 40, 48, 72, 80, 96, 144...
- Pitch size 56, 80, 100... mm
- Bobbin dimensions
 - 18 x 7 mm = 0,54 cm³
 - 40 x 27 mm = 28,5 cm³
 - 68 x 36,5 mm = 107 cm³
- Accumulator bobbin
- Semi- and fully-occupied
- Closed loop braid
- Braiding, twisting & spiralsing
- Vertical & horizontal concepts
- All materials possible
- Take-off via linear drive or robot
- PLC control with database



Arthroscopic

- Carrier numbers 12, 16, 24, 32, 40, 80...
- Pitch size 56, 80, 100... mm
- Bobbin dimensions
 - 18 x 7 mm = 0,54 cm³
 - 40 x 27 mm = 28,5 cm³
 - 42 x 110/130 mm = 125/148 cm³
 - 55 x 130/170 mm = 265/346 cm³
- Round braids
- Closed loop braid
- Braiding, twisting & spiralsing
- Bifurcated braids
- Core control
- Various yarn guides
- Driven pay-off and driven take up
- PLC control with database

