PRODUCT INFORMATION

CCS and headed CCS

Cannulated Compression Screws
1.7, 2.2, 3.0, 4.0, 5.0, 7.0
Three times more than before

We have tripled our cannulated compression screw portfolio.

6 different diameters from 1.7 mm – 7.0 mm

3 different thread lengths*

Headed and headless screws

Covering numerous areas of use across upper and lower limb

* for diameters 4.0 – 7.0
Comprehensive Extension of a proven portfolio

<table>
<thead>
<tr>
<th></th>
<th>CCS</th>
<th>NEW headedCCS</th>
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<tbody>
<tr>
<td><strong>NEW 1.7</strong></td>
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<td></td>
<td>8 – 20 mm</td>
<td>10 – 40 mm</td>
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<td>6 – 16 mm</td>
<td>20 – 40 mm</td>
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<td></td>
<td>K-wire Ø 0.6 mm; length 100 mm</td>
<td>K-wire Ø 0.8 mm; length 100 mm</td>
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<td><strong>2.2</strong></td>
<td>10 – 30 mm</td>
<td>10 – 40 mm</td>
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<td>22 – 40 mm</td>
<td>20 – 40 mm</td>
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<td>K-wire Ø 0.8 mm; length 100 mm</td>
<td>K-wire Ø 0.8 mm; length 100 mm</td>
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<td><strong>3.0</strong></td>
<td>10 – 40 mm</td>
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<td>26 – 40 mm</td>
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<td>K-wire Ø 1.1 mm; length 100 mm</td>
<td>K-wire Ø 1.1 mm; length 100 mm</td>
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<td><strong>NEW 4.0</strong></td>
<td>16 – 60 mm</td>
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<td>16 – 60 mm</td>
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<td>K-wire Ø 1.25 mm; length 200 mm</td>
<td>K-wire Ø 1.25 mm; length 200 mm</td>
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<td><strong>5.0</strong></td>
<td>24 – 70 mm</td>
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<td>24 – 70 mm</td>
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<td>K-wire Ø 1.6 mm; length 200 mm</td>
<td>K-wire Ø 1.6 mm; length 200 mm</td>
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<td><strong>7.0</strong></td>
<td>40 – 140 mm</td>
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<td>40 – 140 mm</td>
<td>35 – 140 mm</td>
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<td>40 – 140 mm</td>
<td>30 – 140 mm</td>
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<td></td>
<td>K-wire Ø 2.2 mm; length 250 mm</td>
<td>K-wire Ø 2.2 mm; length 250 mm</td>
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Examples of Use Upper Extremity

**Case 1 – Scaphoid fracture**

Preoperative X-ray
Patient: female, 27 years old
Stumbling fall ended in a scaphoid fracture

Intraoperative X-ray
Scaphoid fixation with a CCS 1.7, long thread

Postoperative CT
after 3 months with healed scaphoid bone

**Case 2 – Glenoid fracture**

Preoperative X-ray
Patient: male, 40 years old
Ideberg type 3 intraarticular superior glenoid fracture with scapular extension and comminution

Intraoperative X-ray
Arthroscopic assisted closed reduction and internal fixation with a CCS 4.0 with long distal thread

Clinical cases published with the kind permission of: N. Schelhorn, R. Fricker, Switzerland (1) S. Raniga, Australia (2)
Examples of Use Lower Extremity

Case 1 – Hallux valgus correction

Preoperative X-ray
Patient: female, 50 years old

Intraoperative X-rays
Chevron-Akin osteotomy for correction with a CCS 2.2 and a CCS 3.0

Postoperative X-ray
6 weeks after surgery

Case 2 – Double arthrodesis

Preoperative X-rays
Patient: female, 75 years old
Talonavicular osteoarthritis and partial navicular necrosis

Postoperative X-rays
Healed arthrodesis after 5 months
Use of 2 x CCS 5.0 and 2 x CCS 7.0

Clinical cases published with the kind permission of: U. Hefti, Switzerland (1) | C. Plaass, Germany (2)
Consistent
Self-holding across all screw sizes

Patented HexaDrive screw head design
- Simplified screw pick-up due to patented self-holding technology
- Increased torque transmission

Sharp
Clear benefits for surgeons

Patented SpeedTip thread design
- Functionally unique cutting with immediate bite
- Immediate cutting of the bone with only slight axial pressure
- The triangular tip design permits simultaneous drilling, tapping and compression of the bone tissue during insertion for increased pull-out stability
- Reduced insertion torque thanks to the polygonal tip and tapered shaft

1 Spiegel, A.; Pochlatko, N.; Zeuner, H.; Lang, A.: Biomechanical Tests of Different Cannulated Compression Screws (on file; Medartis AG, Switzerland)
Storage

- Compact containers
- Streamlined organization of implants and instruments
- Container with validated cleaning and sterilization of the implants
- Easy to use