Product Overview
Acumed Acutrak 2®
Headless Compression Screw System

Since its introduction in 1994, Acutrak® Headless Compression Screw technology has revolutionized the way surgeons treat fractures, fusions, and osteotomies. The Acutrak 2 is the next generation in fully threaded headless fixation, offering larger guide wires, larger hex drivers, and a tapered end. Long-term surgeon feedback has helped develop this continuously variable fully threaded headless implant with instrumentation designed to simplify the surgical technique.

The Acutrak 2 family is composed of 68 unique screw size options to fit a wide variety of applications throughout the body, from 2.5 mm x 8 mm up to 7.5 mm x 120 mm. More than 1.7 million Acutrak family screws have been implanted since 1994, supported by more than 100 publications, including clinical and biomechanical studies.
**Continuously Variable Thread Pitch**
This screw design provides greater compression and a larger window of compression compared to partially threaded Herbert-style screw designs. In addition, this feature allows a fracture or osteotomy site to lie almost anywhere along the length of the screw.

**Headless Design**
Allows the screws to be implanted subchondral in and around articular regions with minimal risk of impingement or soft tissue irritation.

**Fully Threaded Length**
Biomechanical studies have shown that fully-threaded screws better handle cyclic loading compared to AO and Herbert screws in cadaveric and synthetic bone material.

**Self-Cutting and Self-Tapping**
Cutting flutes on the screw’s distal tip are designed to facilitate insertion in hard bone.

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<table>
<thead>
<tr>
<th>Acutrak 2&lt;sup&gt;®&lt;/sup&gt; Large</th>
<th>Tip</th>
<th>Tail</th>
<th>Length</th>
<th>K-wire</th>
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<tr>
<td></td>
<td>4.7 mm</td>
<td>4.5 mm</td>
<td>2 mm increments 20–30 mm 5 mm increments</td>
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<tr>
<td></td>
<td>7.5 mm</td>
<td>7.0 mm</td>
<td>5 mm increments 40–120 mm</td>
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## Acutrak 2®
### Small Tip Tail Length K-wire

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<tr>
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<th>Tip</th>
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<th>Length</th>
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<tr>
<td>Micro</td>
<td>2.5 mm</td>
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<td>Mini</td>
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<td>2 mm increments 16–34 mm</td>
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Dorsal view of scaphoid fracture, using Acutrak 2® Standard

Dorsal view of a radial styloid fracture and scaphocapitate fusion, using Acutrak 2 Standard and Mini

Dorsal view of four-corner fusions, using Acutrak 2 Mini
Radial Head Fixation
Capitellum Fixation
Olecranon Fracture
MCP Fusion
Scaphoid Fracture/Nonunion
DIP Fusion
Metacarpal Head Fracture
PIP Fusion
Phalangeal Fracture
Four-corner Fusion
Ulnar Styloid Fracture
Radial Styloid Fracture
Dorsal Scaphoid Surgical Technique

Approach and Needle Insertion

Fracture Stabilization

Determine Screw Length
Advance Guide Wire  
Drill Near Cortex  
Drill Far Fragment  
Screw Insertion
Anterior view of a Medial Malleolus fracture using Acutrak 2—4.7 mm

Dorsolateral view of a Jones Fracture using Acutrak 2—5.5 mm

Lateral view of a Triple Arthrodesis using Acutrak 2—7.5 mm and Acutrak 2—4.7 mm
Subtalar Fusion Surgical Technique

Approach and Joint Preparation

Reduction and Fusion Stabilization

Determine Screw Length and Advance Guide Wire
Drill Far Fragment

Drill the Near Cortex

Screw Insertion
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