

medartis

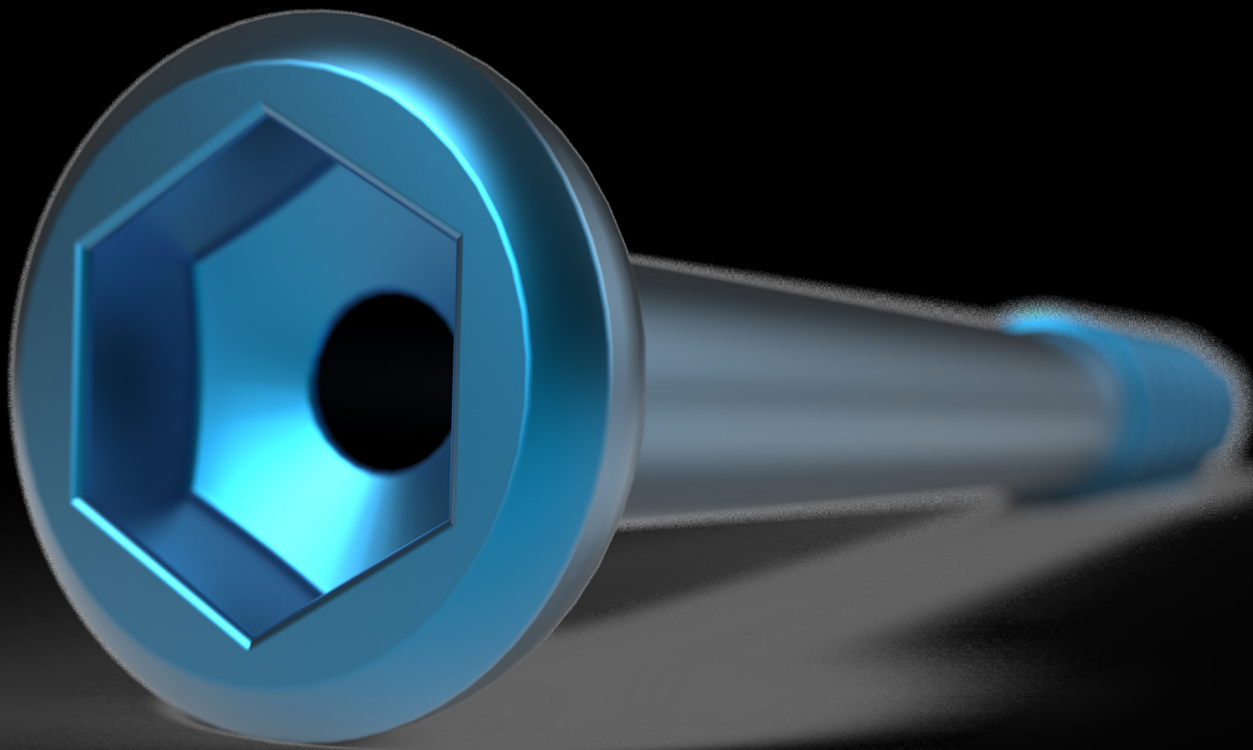
Micro Screw

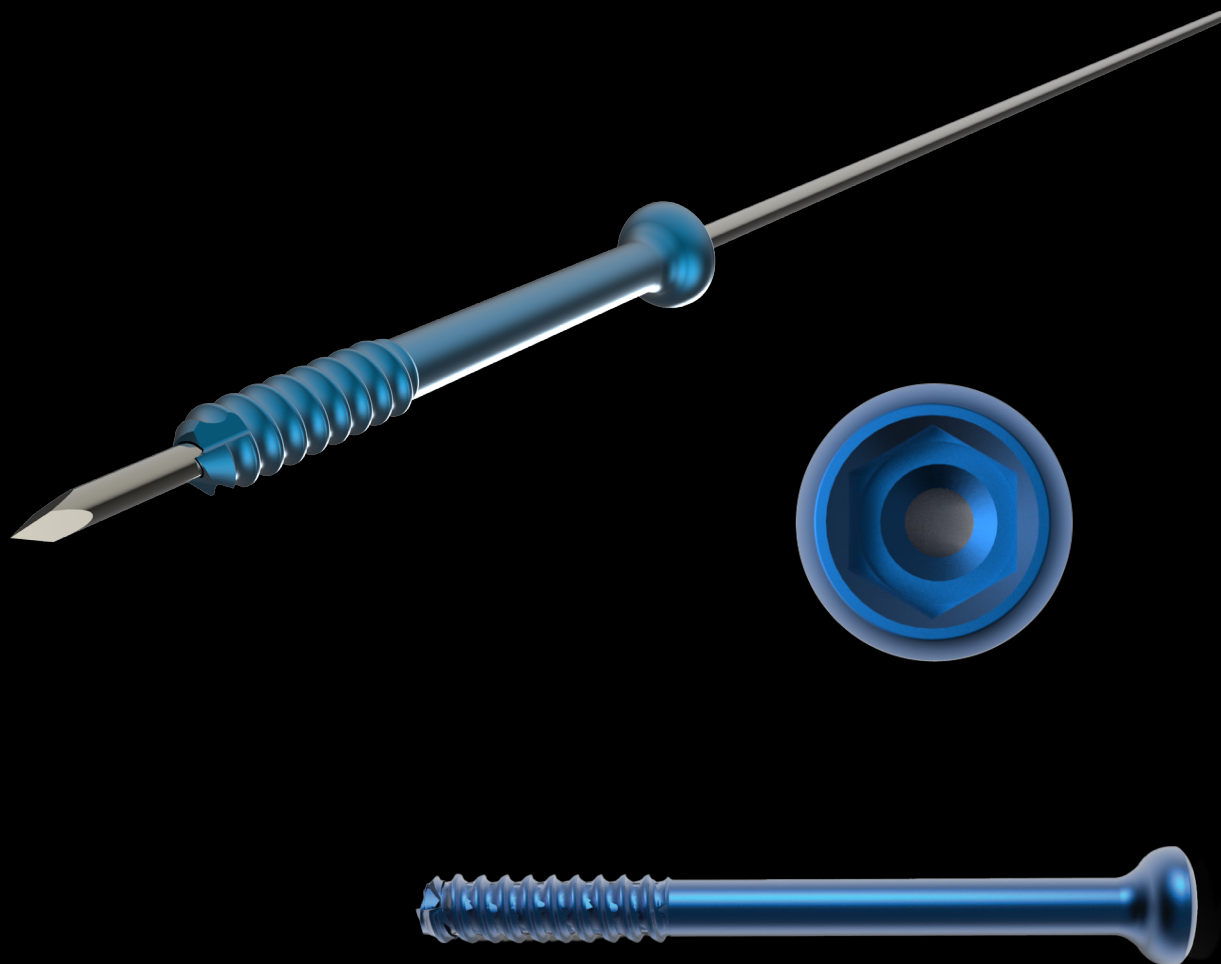
FIELDORTHOPAEDICS

Precision and strength.

The management of small fractures in the hand and wrist is difficult due to the small size, fragile nature, and importance of accurate reduction. The requirement to use clamps and forceps while maintaining position for implant preparation and insertion is challenging.

The fully cannulated Micro Screw system is designed to address these challenges and make the management of small fractures easier. With increased implant strength at a smaller scale and cannulated precision, surgeons can accurately reduce fragments with small diameter k-wires while maintaining position for single shot insertion of a definitive implant that generates adequate compression to facilitate healing.





Key Features

Design

Fully cannulated design for single shot insertion, reinforced head geometry for strength during insertion and compression, and an optimized lagging geometry.

Fixation

Immediate compression with definitive and rigid fixation at a small scale.

Range

1.5mm and 2.0mm diameter options ranging in length from 6mm - 22mm at 1mm increments.

Material

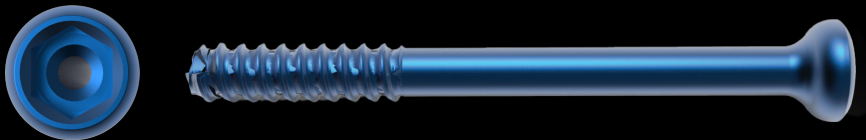
Manufactured from Titanium alloy for strength and biocompatibility.

Built on the values of precision and strength, the implant design accommodates a simpler, faster repair that offers an alternative to k-wires and the associated complications.

Comprehensive Range

1.5MM Cannulated Partially Threaded Compression Screw Range

Catalog Number	Description	Screw Length (mm)	Distal Thread Length (mm)
MSCC-1506	1.5mm Micro Screw 6mm	6	2
MSCC-1507	1.5mm Micro Screw 7mm	7	2
MSCC-1508	1.5mm Micro Screw 8mm	8	3
MSCC-1509	1.5mm Micro Screw 9mm	9	3
MSCC-1510	1.5mm Micro Screw 10mm	10	3
MSCC-1511	1.5mm Micro Screw 11mm	11	4
MSCC-1512	1.5mm Micro Screw 12mm	12	4
MSCC-1513	1.5mm Micro Screw 13mm	13	4
MSCC-1514	1.5mm Micro Screw 14mm	14	5
MSCC-1515	1.5mm Micro Screw 15mm	15	5
MSCC-1516	1.5mm Micro Screw 16mm	16	5
MSCC-1517	1.5mm Micro Screw 17mm	17	5
MSCC-1518	1.5mm Micro Screw 18mm	18	6
MSCC-1519	1.5mm Micro Screw 19mm	19	6
MSCC-1520	1.5mm Micro Screw 20mm	20	6
MSCC-1521	1.5mm Micro Screw 21mm	21	7
MSCC-1522	1.5mm Micro Screw 22mm	22	7



2.0MM Cannulated Partially Threaded Compression Screw Range

Catalog Number	Description	Screw Length (mm)	Distal Thread Length (mm)
MSCC-2006	2.0mm Micro Screw 6mm	6	2
MSCC-2007	2.0mm Micro Screw 7mm	7	2
MSCC-2008	2.0mm Micro Screw 8mm	8	3
MSCC-2009	2.0mm Micro Screw 9mm	9	3
MSCC-2010	2.0mm Micro Screw 10mm	10	3
MSCC-2011	2.0mm Micro Screw 11mm	11	4
MSCC-2012	2.0mm Micro Screw 12mm	12	4
MSCC-2013	2.0mm Micro Screw 13mm	13	4
MSCC-2014	2.0mm Micro Screw 14mm	14	5
MSCC-2015	2.0mm Micro Screw 15mm	15	5
MSCC-2016	2.0mm Micro Screw 16mm	16	5
MSCC-2017	2.0mm Micro Screw 17mm	17	5
MSCC-2018	2.0mm Micro Screw 18mm	18	6
MSCC-2019	2.0mm Micro Screw 19mm	19	6
MSCC-2020	2.0mm Micro Screw 20mm	20	6
MSCC-2021	2.0mm Micro Screw 21mm	21	7
MSCC-2022	2.0mm Micro Screw 22mm	22	7





Why use the Micro Screw?

Instrument Design

- Cannulated for precision insertion.
- Reinforced driver interface for maximum torque generation and strength.
- Precision tolerance to facilitate an interference capture of screwdriver to head.
- Custom cutting flutes.

Implant Design

- Narrow shaft to preserve bone volume.
- Low profile head design for maximum compression to minimize irritation.
- Dual contoured head for maximum compression.

Clinical Uses

Engineered for fixation of fractures, osteotomies, and arthrodesis of small bones in the hand and wrist including:

- Intra-articular fractures
- Extra-articular fractures



1.5mm Cannulated
Compression Screw
Range: 6mm – 22mm (↑ by 1mm)



2.0mm Cannulated
Compression Screw
Range: 6mm – 22mm (↑ by 1mm)

FINGER

Intra-Articular

- PIPJ Fractures
- DIPJ Fractures
- Mallet Fractures

Extra-Articular

- Tuft Fractures (distal phalanx)
- Middle and Proximal Phalanx Fractures

METACARPAL

Intra-Articular

- Metacarpal Head Fracture
- Metacarpal Base Fractures (CMC joint)

Extra-Articular

- Metacarpal Shaft and Neck Fractures

THUMB

Intra-Articular

- Bennett's Fracture
- Rolando Fracture
- Skier's / Gameskeeper's Fracture

Extra-Articular

- Psedo-Bennett Fracture (transverse or oblique)

WRIST

- Scaphoid Fracture
- Lunate Fracture
- Hamate Fracture





MANUFACTURER:

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