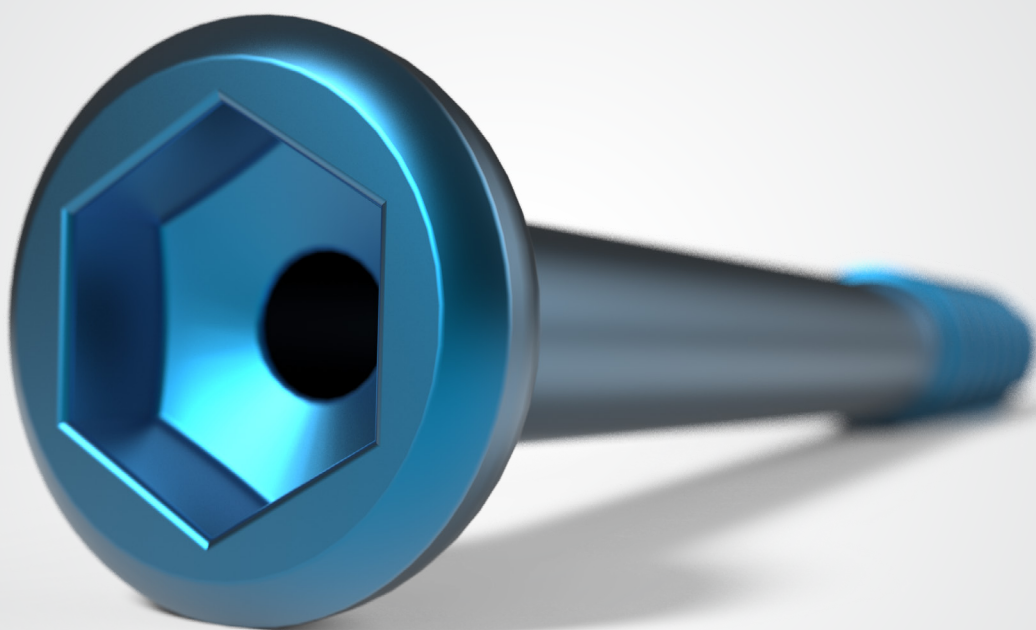


MICRO SCREW

PRODUCT BROCHURE

FIELD[®]ORTHOPAEDICS



DESIGN RATIONALE

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

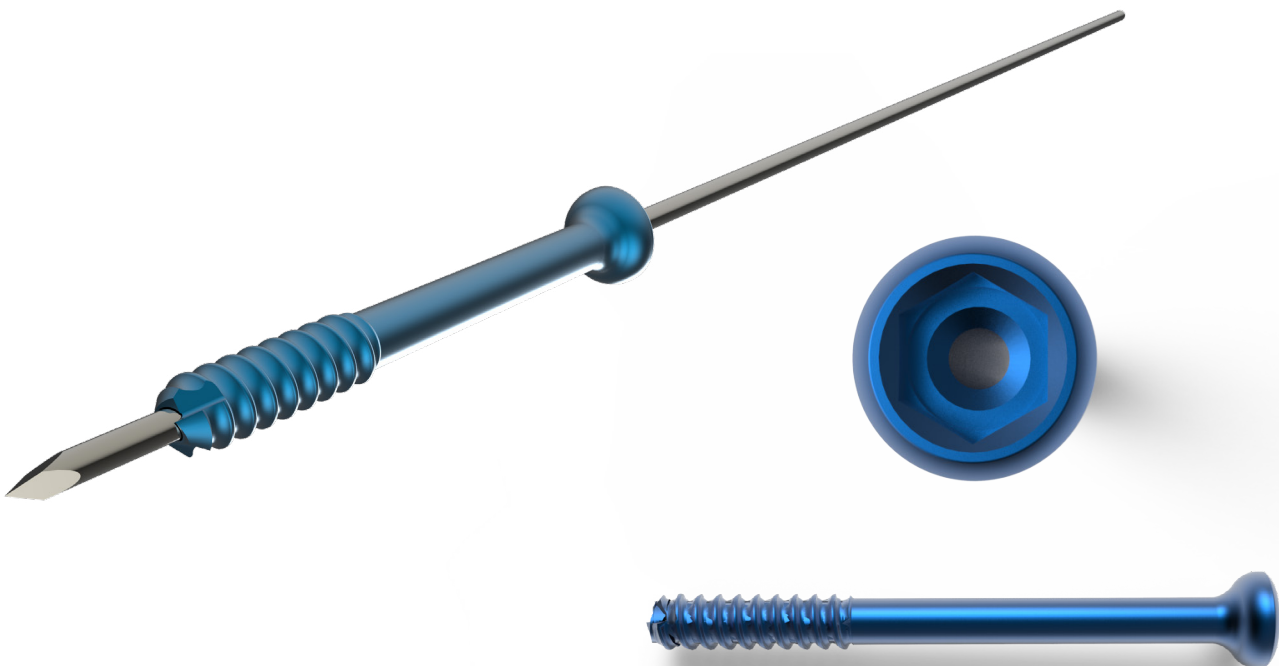
Design: Fully cannulated design for single shot insertion, reinforced head geometry for strength during insertion and compression and an optimised lagging geometry.

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 in 1mm increments.

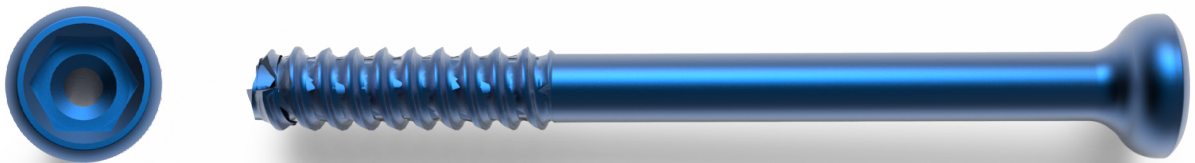
Material: Manufactured from biocompatible titanium alloy (Ti-6Al-4V ELI) for strength and biocompatibility.

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



CATALOGUE NUMBER	LEGACY CAT NO.	DESCRIPTION	SCREW LENGTH (MM)	DISTAL THREAD LENGTH (MM)
MSCC-1506	BTSC00001	1.5 FO Micro Screw 6 mm (Cannulated)	6	2
MSCC-1507	BTSC00002	1.5 FO Micro Screw 7 mm (Cannulated)	7	2
MSCC-1508	BTSC00003	1.5 FO Micro Screw 8 mm (Cannulated)	8	3
MSCC-1509	BTSC00004	1.5 FO Micro Screw 9 mm (Cannulated)	9	3
MSCC-1510	BTSC00005	1.5 FO Micro Screw 10 mm (Cannulated)	10	3
MSCC-1511	BTSC00006	1.5 FO Micro Screw 11 mm (Cannulated)	11	4
MSCC-1512	BTSC00007	1.5 FO Micro Screw 12 mm (Cannulated)	12	4
MSCC-1513	BTSC00008	1.5 FO Micro Screw 13 mm (Cannulated)	13	4
MSCC-1514	BTSC00009	1.5 FO Micro Screw 14 mm (Cannulated)	14	5
MSCC-1515	BTSC00010	1.5 FO Micro Screw 15 mm (Cannulated)	15	5
MSCC-1516	BTSC00011	1.5 FO Micro Screw 16 mm (Cannulated)	16	5
MSCC-1517	BTSC00077	1.5 FO Micro Screw 17 mm (Cannulated)	17	5
MSCC-1518	BTSC00078	1.5 FO Micro Screw 18 mm (Cannulated)	18	6
MSCC-1519	BTSC00079	1.5 FO Micro Screw 19 mm (Cannulated)	19	6
MSCC-1520	BTSC00080	1.5 FO Micro Screw 20 mm (Cannulated)	20	6
MSCC-1521	BTSC00081	1.5 FO Micro Screw 21 mm (Cannulated)	21	7
MSCC-1522	BTSC00082	1.5 FO Micro Screw 22 mm (Cannulated)	22	7

Material: Manufactured from Titanium alloy (Ti-6Al-4V ELI)

COMPREHENSIVE RANGE

2.0MM CANNULATED PARTIALLY THREADED COMPRESSION SCREW RANGE



CATALOGUE NUMBER	LEGACY CAT NO.	DESCRIPTION	SCREW LENGTH (MM)	DISTAL THREAD LENGTH (MM)
MSCC-2006	BTSC00012	2.0 FO Micro Screw 6 mm (Cannulated)	6	2
MSCC-2007	BTSC00013	2.0 FO Micro Screw 7 mm (Cannulated)	7	2
MSCC-2008	BTSC00014	2.0 FO Micro Screw 8 mm (Cannulated)	8	3
MSCC-2009	BTSC00015	2.0 FO Micro Screw 9 mm (Cannulated)	9	3
MSCC-2010	BTSC00016	2.0 FO Micro Screw 10 mm (Cannulated)	10	3
MSCC-2011	BTSC00017	2.0 FO Micro Screw 11 mm (Cannulated)	11	4
MSCC-2012	BTSC00018	2.0 FO Micro Screw 12 mm (Cannulated)	12	4
MSCC-2013	BTSC00019	2.0 FO Micro Screw 13 mm (Cannulated)	13	4
MSCC-2014	BTSC00020	2.0 FO Micro Screw 14 mm (Cannulated)	14	5
MSCC-2015	BTSC00021	2.0 FO Micro Screw 15 mm (Cannulated)	15	5
MSCC-2016	BTSC00022	2.0 FO Micro Screw 16 mm (Cannulated)	16	5
MSCC-2017	BTSC00083	2.0 FO Micro Screw 17 mm (Cannulated)	17	5
MSCC-2018	BTSC00084	2.0 FO Micro Screw 18 mm (Cannulated)	18	6
MSCC-2019	BTSC00085	2.0 FO Micro Screw 19 mm (Cannulated)	19	6
MSCC-2020	BTSC00086	2.0 FO Micro Screw 20 mm (Cannulated)	20	6
MSCC-2021	BTSC00087	2.0 FO Micro Screw 21 mm (Cannulated)	21	7
MSCC-2022	BTSC00088	2.0 FO Micro Screw 22 mm (Cannulated)	22	7

Material: Manufactured from Titanium alloy (Ti-6Al-4V ELI)

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 minimise 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

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

- Pseudo-Bennett Fracture (transverse or oblique)

WRIST

- Scaphoid Fracture
- Lunate Fracture
- Hamate Fracture



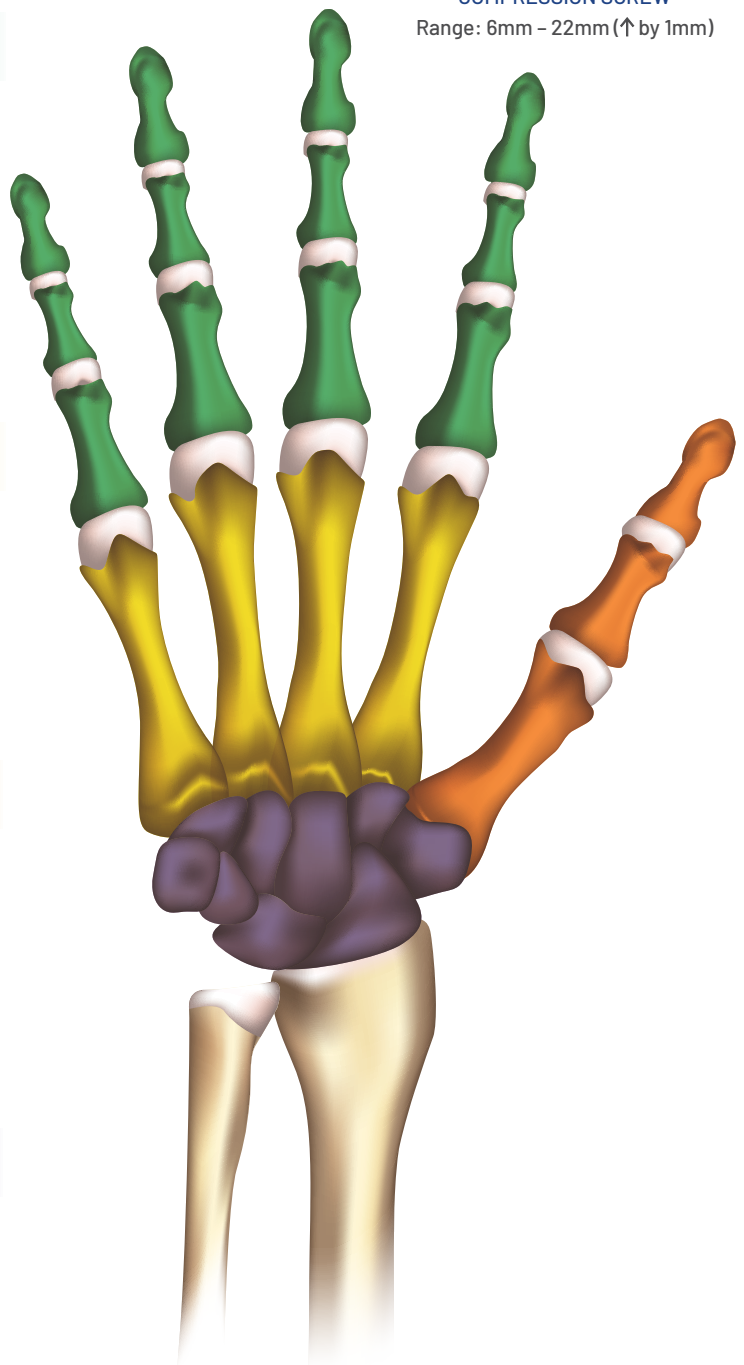
1.5MM CANNULATED
COMPRESSION SCREW

Range: 6mm – 22mm (↑ by 1mm)



2.0MM CANNULATED
COMPRESSION SCREW

Range: 6mm – 22mm (↑ by 1mm)



FIELD ORTHOPAEDICS

Get in touch with your local sales representative today to discuss how Micro Screw can meet your hand trauma needs.

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MANUFACTURER

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PB00003 V2 OCT23

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