

BSS

CANNULATED COMPRESSION SCREW

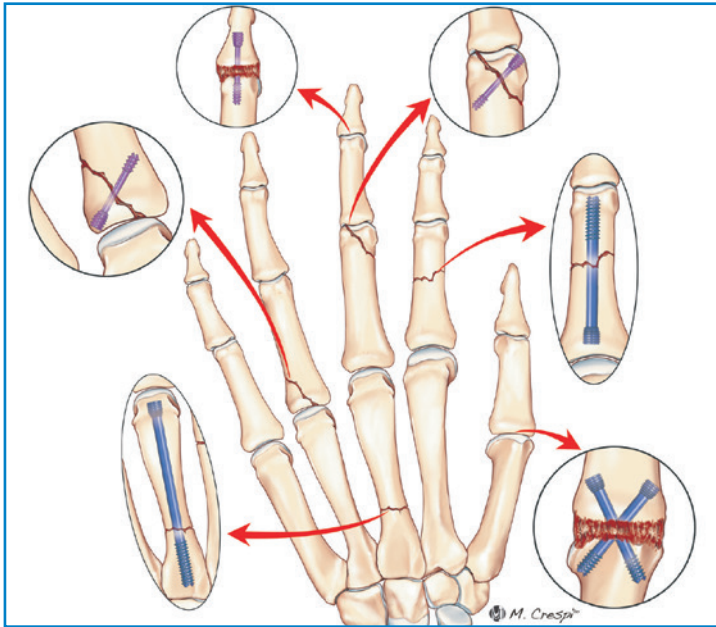
Controlled Compression

Self-drilling

Sterile

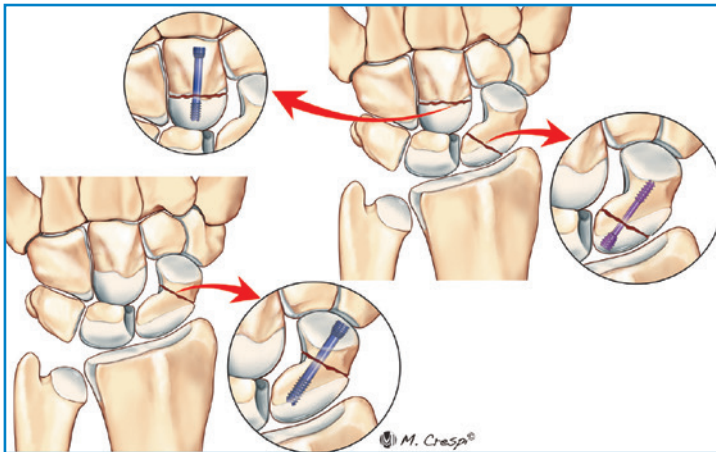


Indications



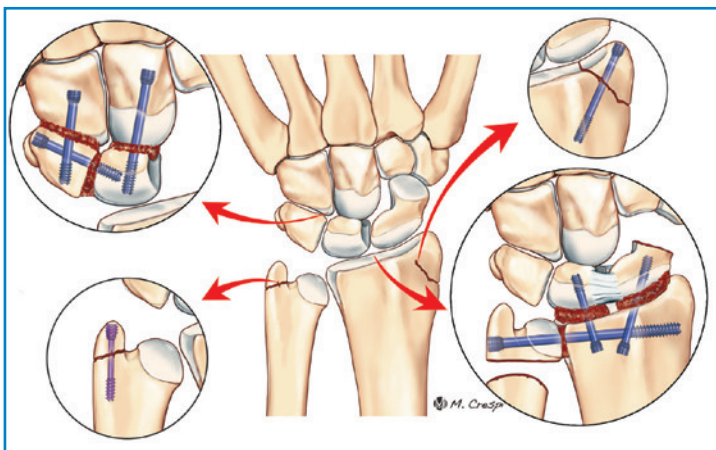
Hand

- Transverse fractures of the phalanges
- Transverse fractures of the metacarpals
- PIP fusions
- MCP fusions
- Intra-articular fractures of the base of the phalanges
- Intra-articular fractures of the condyles of the phalanges and metacarpals

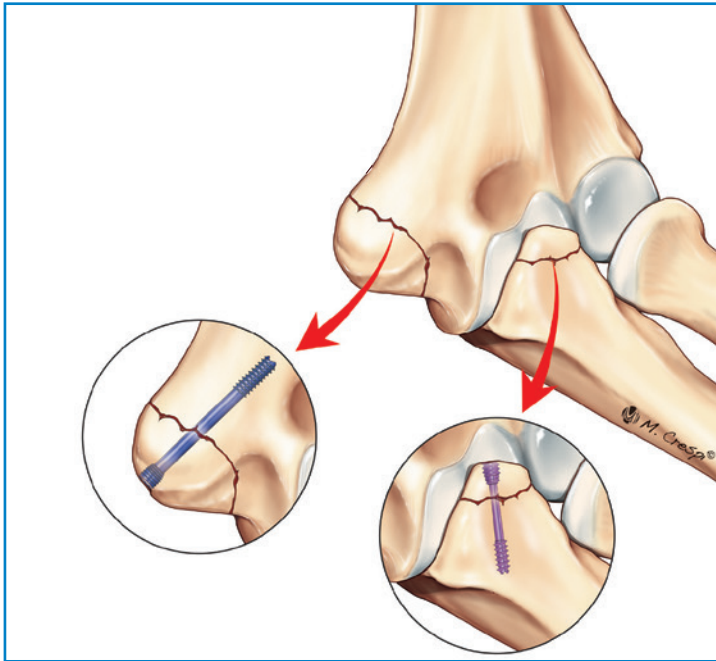


Wrist

- Scaphoid fractures
- Carpal bone fractures

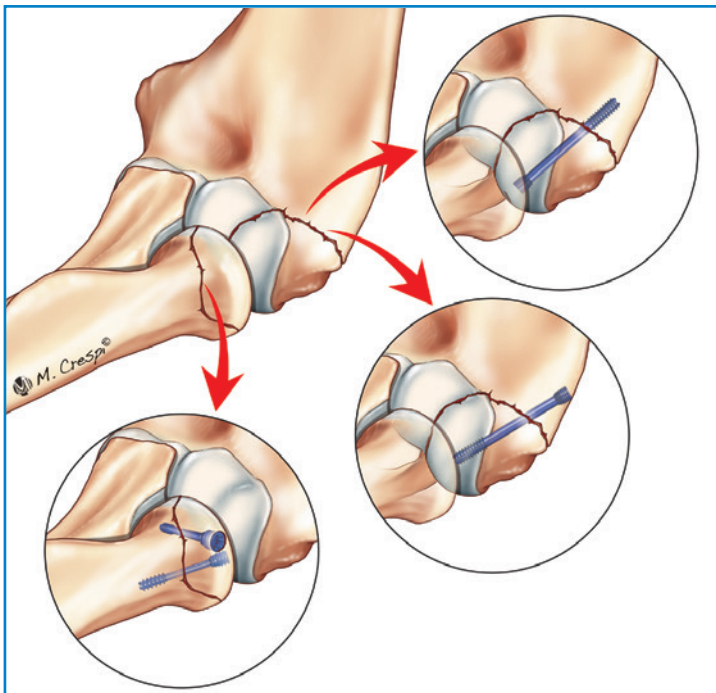


- Radiocarpal fusions
- Four-corner fusions
- Radial styloid fractures
- Ulnar styloid fractures



Elbow

- Epicondyle fractures
- Coronoid fractures



- Capitulum fractures
- Distal humerus fractures
- Radial head fractures

Features

FEATURES

Resistant material

Sterile

Tapered Head

Self-drilling

ADVANTAGES

Medical grade titanium alloy Ti6Al4V

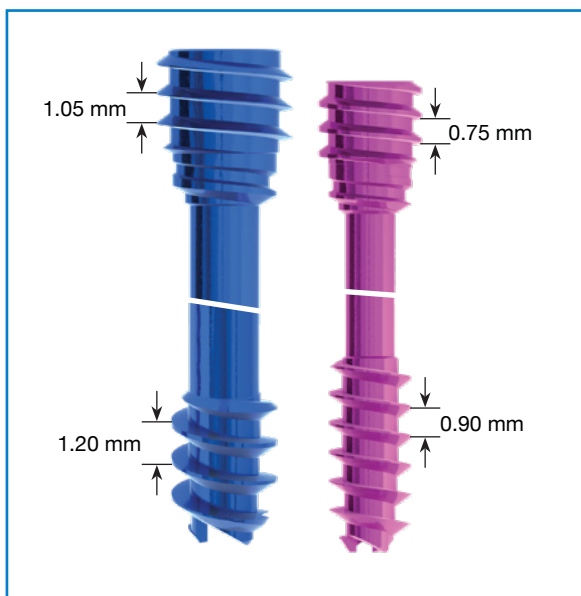
Ready for use

To maintain the interfragmentary compression obtained

Easy and fast screw insertion*

**The use of a drill is recommended in case of very hard bone*

Clinical Benefits



Excellent Compression Capability

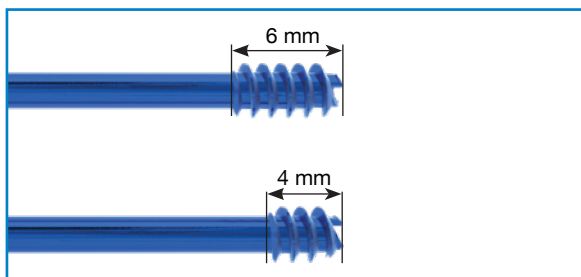
Ensures a gradual and controlled compression

Avoids loss of reduction and over-compression in fracture fixation and loss of stability in non-unions, especially when using bone graft

0,15 mm compression index

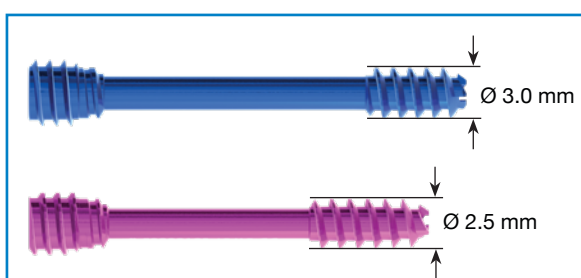
By fully inserting the head of the screw into the bone (4 threads correspond to 4 screwdriver revolutions), a compression of 0,6 mm is obtained

Each additional screwdriver revolution corresponds to a compression of 0,15 mm



Different distal thread lengths

Ensures optimal treatment of fragments of different sizes



Two diameters and a wide range of lengths

Ø 3,0 mm

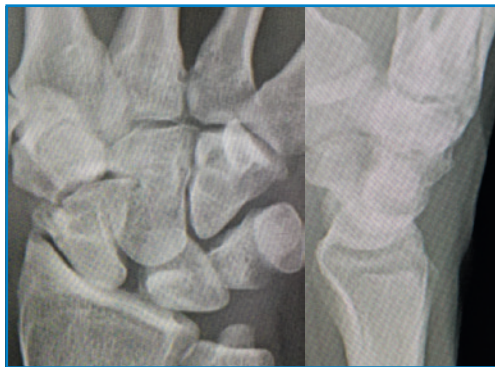
Ø 2,5 mm

Lengths from 10 mm to 40 mm for optimal treatment of fractures and fusions

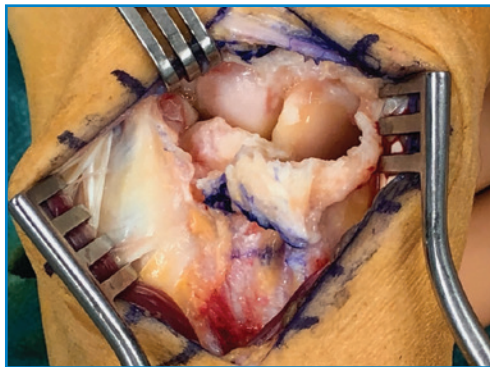
Clinical Cases

CASE 1

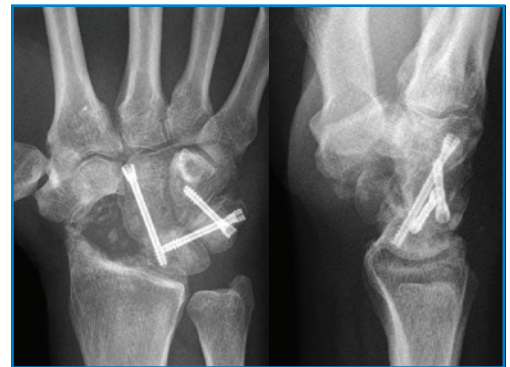
Dr. P. P. Borelli - Brescia, Italy



- Preoperative X-rays
- Male, 44 years old
- SLAC 3



- Dorsal approach
- Capsulotomy (Berger's technique)
- Scaphoid carpal chondropathy



- Postoperative X-rays
- Four-corner fusion using 3 BSS screws Ø 3,0 mm

CASE 2



- Preoperative X-rays
- Male, 24 years old
- Unstable middle-third scaphoid fracture



- Volar approach using mini access and sparing volar ligament

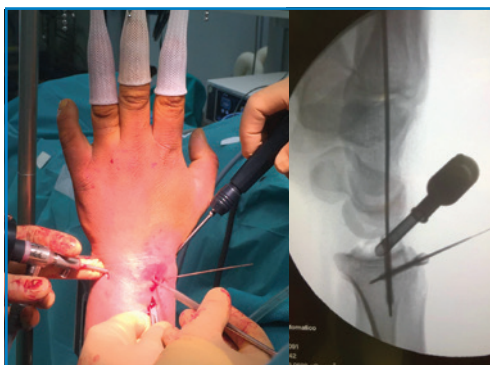


- Postoperative X-rays Bone healed using one 3.0 mm Ø BSS screw

CASE 3



- Preoperative X-rays
- Male, 38 years old
- Intra-articular fracture of the radius, with central and dorsal fragmentation



- Fracture reduction performed using arthroscopy



- Postoperative X-rays
- Radius fixation using two Ø 3,0 mm BSS screws

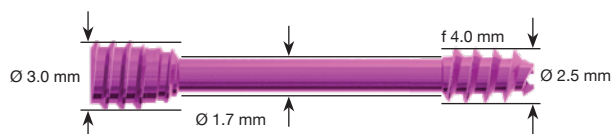
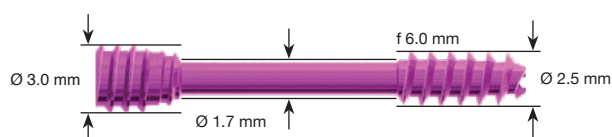
Codes

Ø 2,5 mm BSS Series

Length range: 10 mm - 26 mm

Head	Ø 3,0 mm - pitch 0,75 mm
Tip	Ø 2.5 mm - pitch 0.90 mm
Shaft	Ø 1.7 mm

Code	Description	Thread length
5003010SST	Ø 2.5 mm L 10 mm	4
5003011SST	Ø 2.5 mm L 11 mm	4
5003012SST	Ø 2.5 mm L 12 mm	4
5003013SST	Ø 2.5 mm L 13 mm	4
5003014SST	Ø 2.5 mm L 14 mm	6
5003015SST	Ø 2.5 mm L 15 mm	6
5003016SST	Ø 2.5 mm L 16 mm	6
5003017SST	Ø 2.5 mm L 17 mm	6
5003018SST	Ø 2.5 mm L 18 mm	6
5003019SST	Ø 2.5 mm L 19 mm	6
5003020SST	Ø 2.5 mm L 20 mm	6
5003022SST	Ø 2.5 mm L 22 mm	6
5003024SST	Ø 2.5 mm L 24 mm	6
5003026SST	Ø 2.5 mm L 26 mm	6



Guide Wires

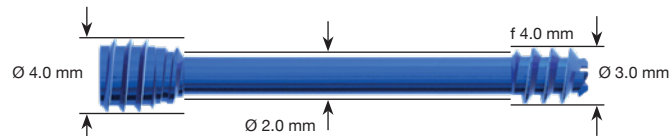
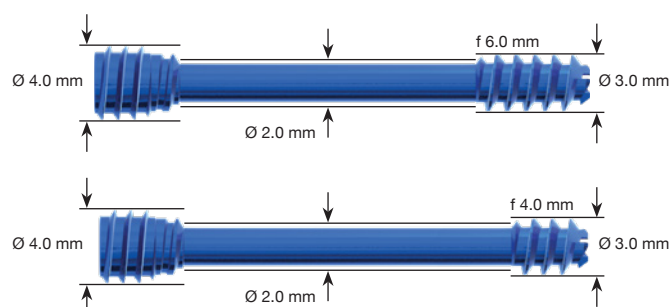
Code	Description
5003055	Ø 1,0 mm K-wires (L 110 mm) for Ø 3,0 mm screws (5 pcs)
5003065	Ø 0,8 mm K-wires (L 110 mm) for Ø 0,25 mm screws (5 pcs)

Ø 3.0 mm BSS Series

Length range: 14 mm - 40 mm

Head	Ø 4.0 mm - pitch 1.05 mm
Tip	Ø 3.0 mm - pitch 1.20 mm
Shaft	Ø 2.0 mm

Code	Description	Thread length
5003014LST	Ø 3.0 mm L 14 mm	6
5003016LST	Ø 3.0 mm L 16 mm	6
5003018LST	Ø 3.0 mm L 18 mm	6
5003020LST	Ø 3.0 mm L 20 mm	6
5003021LST	Ø 3.0 mm L 21 mm	6
5003022LST	Ø 3.0 mm L 22 mm	6
5003023LST	Ø 3.0 mm L 23 mm	6
5003024LST	Ø 3.0 mm L 24 mm	6
5003025LST	Ø 3.0 mm L 25 mm	6
5003026LST	Ø 3.0 mm L 26 mm	6
5003028LST	Ø 3.0 mm L 28 mm	6
5003030LST	Ø 3.0 mm L 30 mm	6
5003033LST	Ø 3.0 mm L 33 mm	6
5003035LST	Ø 3.0 mm L 35 mm	6
5003038LST	Ø 3.0 mm L 38 mm	6
5003040LST	Ø 3.0 mm L 40 mm	6
5003S21LST	Ø 3.0 mm L 21 mm	4
5003S22LST	Ø 3.0 mm L 22 mm	4
5003S23LST	Ø 3.0 mm L 23 mm	4
5003S24LST	Ø 3.0 mm L 24 mm	4
5003S25LST	Ø 3.0 mm L 25 mm	4
5003S26LST	Ø 3.0 mm L 26 mm	4



Instruments*

5003090 Complete BSS instrument sterilization set

Composition:

5003088 Empty BSS instrument sterilization set



5003062 Ø 0,8 mm K-wire guide ■
5003052 Ø 1,0 mm K-wire guide ■

5003068 Screwdriver blade for Ø 2,5 mm BSS (2 pcs) ■
5003058 Screwdriver blade for Ø 3,0 mm BSS (2 pcs) ■
5003069 Universal handle

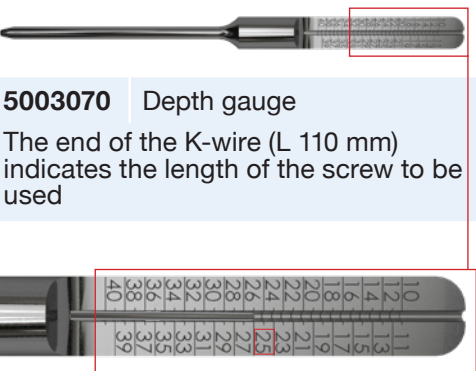
5003064 Ø 1,7 mm twist drill for Ø 2,5 mm BSS screws (2 pcs) ■
5003054 Ø 2,2 mm twist drill for Ø 3,0 mm BSS screws (2 pcs) ■



5003060 Ø 0,8 mm K-wire (L 110 mm) for 2,5 mm BSS screws (2 pcs) ■
5003050 Ø 1,0 mm K-wire (L 110 mm) for 3,0 mm BSS screws (2 pcs) ■

5003076 Spatula for proximal pole compression during fixation

5003074 Curettage hook



5003070 Depth gauge
The end of the K-wire (L 110 mm) indicates the length of the screw to be used

5003072 Universal guide for Ø 1,7 mm and Ø 2.2 mm drills ■ ■

5003078 Spatula for bone graft

* Implantable and sterile devices are covered by CE 1936 mark, non-sterile reusable instruments are CE marked

Sterilization

BSS screws are supplied sterile.
It is recommended that the instruments be sterilized in a saturated steam autoclave as follows:

TEMPERATURE: 134° **EXPOSURE:** 5 minutes



HEADQUARTERS

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