



EFFICIENT MOBILITY

DynafitSystem®

DynafitSystem®

Small bones fixation systems

DynafitSystem®

MORE THAN AN IMPLANT...



ERGONOMY SUPPORTING THE SURGICAL TEAM

DynafitSystem® is a comprehensive and innovative product line associated with a friendly instrument set to treat static disorders of the forefoot.

NEOSTEO is focalized on the human dimension (patient, surgeon and medical team) to **put them at the heart of reflexion**. A requirement reinforced on 4 axes offers the best answer to osteosynthesis.

- ▶ **QUALITY**
- ▶ **SERVICE**
- ▶ **INNOVATION**
- ▶ **EXCELLENCE**

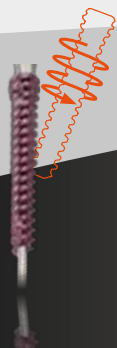
Established in 2009, NEOSTEO is at the forefront of developpement and production of advanced implants and instruments aimed to simplify foot surgery.

Our implants and instruments are manufactured in our premises located in Nantes, France. We offer a comprehensive range of premium quality foot implants, instruments and sets.

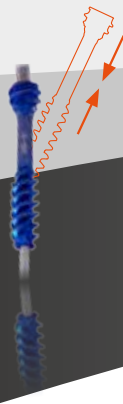
NEOSTEO is deeply committed to provide innovative solution in compliance with main international quality requirements.

For a quick and comfort

DYNA 1
FULLY
THREADED
SCREWS



DYNA 2
HEADLESS
COMPRESSION
SCREWS



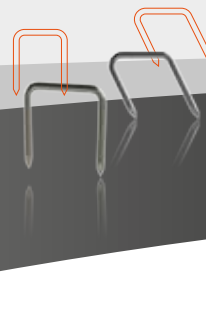
DYNA 3
WEIL SCREWS



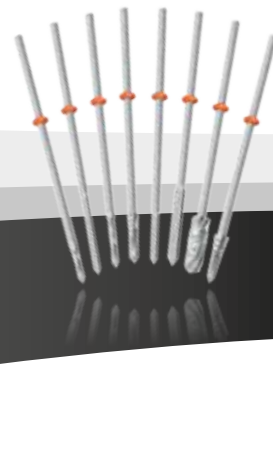
DYNA 4
SUPERELASTIC
MEMORY
STAPLES



DYNA 5
VARISATION
STAPLES



DYNA 6
CUTTING
BURRS

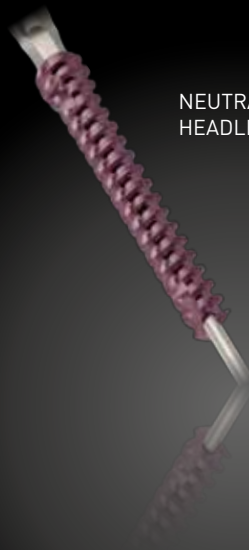


OUR SOLUTIONS

table return to mobility

DYNAFIT

FULLY THREADED SCREWS



NEUTRALIZATION
HEADLESS SCREWS

Ø 2,4 / 2,6 / 3,2 mm



12 to 40 mm

RECOMMENDED APPLICATIONS

- Scaphoid fractures and non-unions
- Radial styloid fractures, radial head fractures
- Avulsion fractures
- OCD repair
- Carpal fusions



STREAMLINED HEAD SHAPE



DOUBLE LEAD THREADS
Fast Insertion

- Phalangeal fractures
- Scarf Osteotomy, bunionectomies
- Metacarpal head fractures
- Proximal pole scaphoid fractures
- Chevron Osteotomy



VARIABLE PITCH AT HEAD

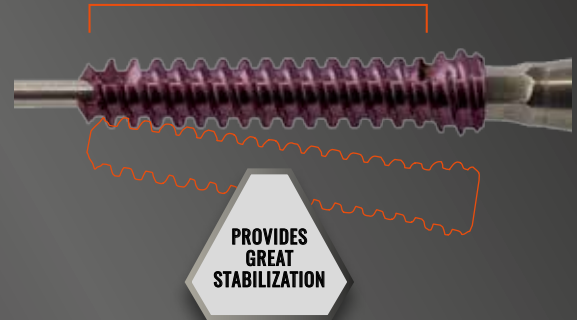
Final Tightening
Tactile Feedback



**SELF DRILLING
& TAPPING FEATURES**

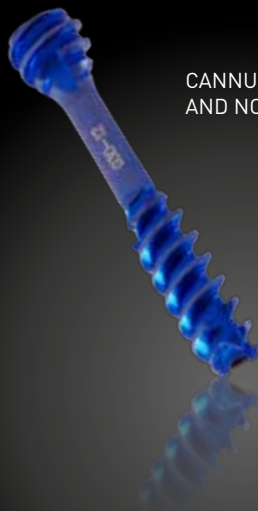
Easy & Fast Insertion

Constant Pitch for Distal Threads





HEADLESS COMPRESSION SYSTEM



CANNULATED
AND NON CANNULATED

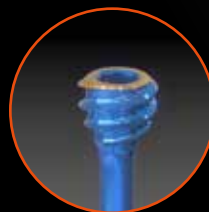
Ø 2,0 / 2,6 / 2,8 / 3,2 mm



12 to 40 mm

RECOMMENDED APPLICATIONS

- Chevron Osteotomy
- Intra-articular and extra articular-fractures
- Non union of small bones and fragments
- Metatarsal Weil osteotomy of lesser rays
- Fusions and fractures of the phalanges, metacarpals and carpals of the hand



PROTECTS THE SOFT TISSUES

Tulip-shaped
mini-head without
sharp edges



QUICK INSERTION

Double threads



HYPER-PENETRATING HEAD

Double self-tapping

- Scarf Osteotomy, bunionectomies
- **Osteotomies including :** scaphoid and other carpal bones, metacarpals, tarsals, metatarsals, patella, ulnar styloid, capitellum, radial head and radial styloid.
- Arthrodesis of small joints
- Phalangeal fractures



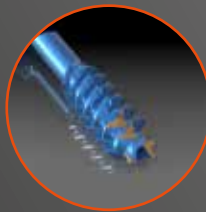
EASY REMOVAL

Retro tapping



OPTIMAL ANCHORING IN THE CANCELLOUS BONE

Large threads with a
gradual height



DISTAL HYPER- PENETRATING EXTREMITY

Two self-tapping
grooves
Self-drilling tip

DESIGNED FOR COMPRESSION & STABILITY

Thread pitch differential generates compression



Opposing thread pattern (distal & proximal)



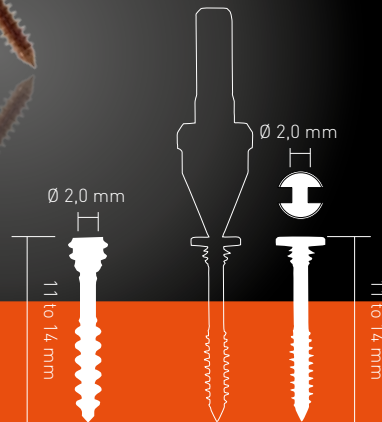
Opposing Thread Pattern



DYNA 3 WEIL SCREWS

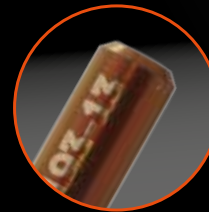


WEIL SCREWS
HEADLESS COMPRESSION SCREWS



RECOMMENDED APPLICATIONS

- Metatarsal Weil osteotomy of lesser rays
- Osteotomies



ROUND SHAFT
Drill Chuck Option



**AO QUICK CONNECT
ADAPTATOR
(PROVIDED)**
Efficient Motor
Insertion



**RECESSED TWIST
CONNECTION**
Reduces Soft Tissue
Irritation



**ANTI-ROTATION
CORTICAL THREAD**



**SINGLE LEAD
THREAD**

Precise Insertion

**REVERSE CUTTING
FLUTES**

Easy Removal



**SELF-TAPPING
FEATURE**

No Tapping Required

DESIGNED FOR COMPRESSION & STABILITY



Connect AO Quick
Connect.



Insert screw.
Screw will Snap-Off
once it comes in
contact with bone.

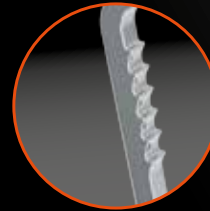


Driver available if
final tightening is
required.



SUPERELASTIC MEMORY STAPLES

Superelastic memory staples are made of superelastic TiNi alloy (Nitinol®), which enables stable small bones fixation, thanks to a natural and dynamic compression during bone healing.



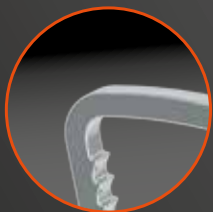
The barbed legs prevent migration of the implant.



Rounded tips tapered on the outer face : easy insertion and enhanced bicortical purchase.



DynafitSystem®



**CURVED LOW-PROFILE
BRIDGE**

No protrusion of the legs
while opened, less cumberso-
me under soft tissues.



**SUPERELASTIC NITINOL
(TiNi alloy)**

Easy storage and manipulation.



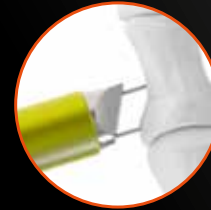
The Superelastic Staples are indicated for
hand and foot bone fragments osteotomy
fixation joint.



DYNA 5

VARISATION STAPLES

Dynafit variation staples are ideal for the realization of osteotomies of small fragments. Dynafit variation staples are made of stainless steel to guarantee rigid stabilization of osteotomies. Dynafit variation staples are mono-cortical.



**QUICK & EASY
PLACEMENT**



SELF - PENETRATING



STERILE IMPLANT



INTUITIVE
INSTRUMENTATION

-  Instrumentation for 90° straight staples
-  Instrumentation for 26° angled staples

TWO ANGULATIONS AND TWO DIFFERENT WIDTHS

DYNAFIT 90° straight staples



DYNAFIT 26° angled staples



DYNA 6 CUTTING BURRS



STERILE

MIS surgery with cutting burrs allows percutaneous bunion correction with a very small open procedure.

With minimally invasive bunion corrective surgery, few very small incisions are created of around 3 mm each in length. Some incisions are used to achieve the bony correction using very fine burrs whilst others are used for placement of screws to maintain the correction.

This minimises surgical risk whilst enabling a quicker wound recovery and having less scar appearance.

OSTEOTOMIES



SHANNON CUTTER SPIRAL

Ø 2 x 9 mm

Metatarsal Osteotomies

DMMO (Distal Metaphyseal Metatarsal Osteotomy) lateral rays

Bone contouring



SHANNON CUTTER STRAIGHT

Ø 2 x 21 mm

Metatarsal Osteotomies



SHANNON CUTTER STRAIGHT

Ø 2 x 13 mm

Metatarsal Osteotomies

Phalangeal Osteotomies

DMMO (Distal Metaphyseal Metatarsal Osteotomy) lateral rays



SHANNON CUTTER SPIRAL

Ø 2 x 13 mm

Metatarsal Osteotomies

Phalangeal Osteotomies

DMMO (Distal Metaphyseal Metatarsal Osteotomy) lateral rays

Bone contouring



WEDGE CUTTER

Ø 3,1 mm

Metatarsal Osteotomies with substantial level correction



SHANNON CUTTER STRAIGHT

Ø 3 x 20 mm

Metatarsal Osteotomies with shortening

BONE RESECTION



WEDGE CUTTER

Ø 4,1 mm

Metatarsal Osteotomy with substantial level of correction

Bone contouring

Hallux Rigidus (cheilectomy)



BROPHY CUTTER

Ø 5 mm

Bone contouring

Hallux Rigidus (cheilectomy)

CATALOG

DYNA 1

STERILE

Fully threaded headless
For phalangeal osteotomies, arthrodesis



S25TLXX

Self-compressive cannulated Ø3.2mm
fully threaded screw - length XXmm - sterile
12 ≤ XX ≤ 40 every 2 mm

Titanium



S27TLXX

Self-compressive cannulated Ø2.6mm
fully threaded screw - length XXmm - sterile
12 ≤ XX ≤ 40 every 2 mm

Titanium



S21TLXX

Self-compressive Ø2.4mm
fully threaded screw - length XXmm - sterile
14 ≤ XX ≤ 28 every 2 mm

Titanium

DYNA 2

STERILE

Partially threaded headless
For Scarf osteotomies, arthrodesis



S15TLXX

Self-compressive cannulated Ø3.2mm screw -
length XXmm - sterile
12 ≤ XX ≤ 40 every 2 mm

Titanium



S16TLXX

Self-compressive cannulated Ø2.6mm screw -
length XXmm - sterile
12 ≤ XX ≤ 40 every 2 mm

Titanium

DYNA 3

STERILE

Ø2.0mm
For Weil osteotomies



S17TLXX

Self-compressive Ø2.0mm screw
length XXmm - sterile
11 ≤ XX ≤ 14 every 1 mm

Titanium



S23TLXX

Snap-Off self-compressive Ø2.0mm screw
length XXmm - sterile
11 ≤ XX ≤ 14 every 1 mm

Titanium

NEW STAINLESS STEEL SCREWS



S29TLXX

Self-compressive cannulated Ø2.8mm screw -
length XXmm - sterile
12 ≤ XX ≤ 40 every 2 mm

Not 510k cleared

DynafitSystem®



Drivers & drills

3,2 2,6 2,4 3,2 2,6 2,8

INS-101	1.8mm Hex Driver (cannulated - for all screws Ø2.4 to Ø3.2 mm)
INS-104	1.8mm Hex Driver shaft with self-holding feature (cannulated - for all screws Ø2.4 to Ø3.2 mm)
INS-114	Universal Drill bit 1.9 mm x 40 mm (cannulated - for all screws Ø2.4 to Ø3.2 mm)



Countersink drills

3,2 3,2

INS-151	Countersink/Short Drill (cannulated - for Ø3.2 mm screws - 10 mm overall length)
INS-152	Countersink/Long Drill (cannulated - for Ø3.2 mm screws - 22 mm overall length)



Countersink drills

2,8 2,6 2,6 2,4

INS-105	Countersink/Short Drill (cannulated for all Ø2.4 to Ø2.8 mm screws - 10 mm overall length)
INS-145	Countersink/Long Drill (cannulated for all Ø2.4 to Ø2.8 mm screws - 22 mm overall length)



Drivers

2,0

INS-102	1.5mm Hex Driver (for Ø 2,0 mm HCS screws)
INS-147	Snap-Off Screw Driver
INS-144	Snap-Off Screw AO Adaptor

INTUITIVE DRILL
BIT CASES PER
SCREW TYPE



CATALOG



STERILE

SUPERELASTIC MEMORY STAPLES



Designation		Reference
Superelastic staple 8 x 8 x 8 mm	STERILE	A5080808
Superelastic staple 10 x 10 x 10 mm	STERILE	A5101010
Superelastic staple 10 x 13 x 15 mm	STERILE	A5101315
Superelastic staple 10 x 15 x 17 mm	STERILE	A5101517
Superelastic staple 10 x 17 x 19 mm	STERILE	A5101719
Superelastic staple 12 x 10 x 10 mm	STERILE	A5121010
Superelastic staple 12 x 13 x 15 mm	STERILE	A5121315
Superelastic staple 12 x 15 x 17 mm	STERILE	A5121517
Superelastic staple 12 x 17 x 19 mm	STERILE	A5121719
Superelastic staple 15 x 12 x 12 mm	STERILE	A5151212
Superelastic staple 15 x 15 x 15 mm	STERILE	A5151515
Superelastic staple 18 x 12 x 12 mm	STERILE	A5181212
Superelastic staple 18 x 15 x 15 mm	STERILE	A5181515
Superelastic staple 18 x 15 x 17 mm	STERILE	A5181517
Superelastic staple 18 x 17 x 19 mm	STERILE	A5181719
Superelastic staple 20 x 16 x 16 mm	STERILE	A5201616
Superelastic staple 20 x 20 x 20 mm	STERILE	A5202020
Superelastic staple 25 x 22 x 22 mm	STERILE	A5252222

RECOMMENDED APPLICATIONS

Intended use	Implant Size
Akin	8 - 10 mm
Bunion repair	10 - 12 mm
MP Arthrosis	15 - 18 mm
N/C Fusion	15 - 18 mm
Lisfranc arthrodesis	15 - 18 mm
Lapidus	18 - 20 mm
Closing Wedge	15 - 18 - 20 mm
Osteotomy - Base Wedge	15 - 18 - 20 mm
T/N Arthrodesis	20 - 25 mm
Calcaneal/Cuboid arthrodesis	20 - 25 mm
Tibio - Tarsal arthrodesis	20 - 25 mm

N/C : Navicular / Cuboid
T/N : Talonavicular



DynafitSystem®



VARISATION STAPLES

STERILE


Designation	Reference
Variation Staple 90° 10 x 08 x 1 mm STERILE	A30810
Variation Staple 90° 10 x 10 x 1 mm STERILE	A31010



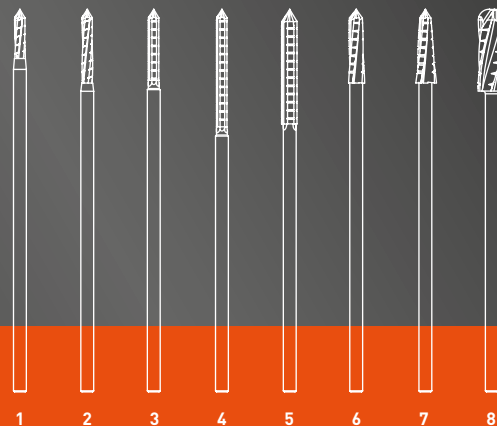
Designation	Reference
Variation Staple 26° 10 x 08 x 1 mm STERILE	A40810
Variation Staple 26° 10 x 10 x 1 mm STERILE	A41010



CUTTING BURRS

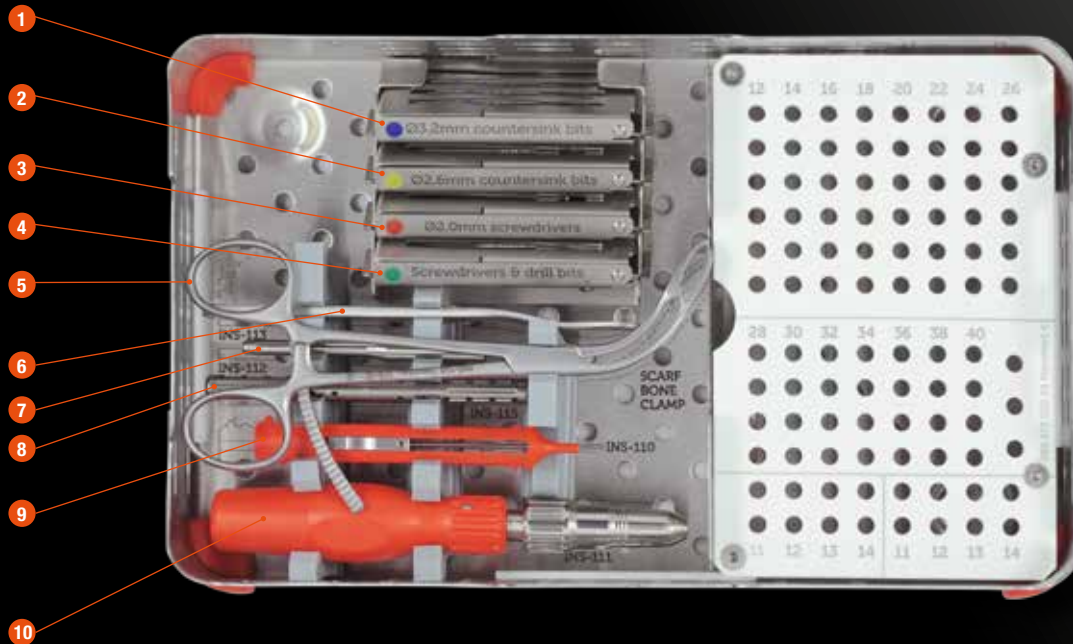
STERILE

Designation	Reference
1 - Ø2 x 9 mm Shannon cutter Spiral	INS-149
2 - Ø2 x 13 mm Shannon cutter Spiral	INS-161
3 - Ø2 x 13 mm Shannon cutter Straight	INS-166
4 - Ø2 x 21 mm Shannon cutter Straight	INS-162
5 - Ø3 x 20 mm Shannon cutter Straight	INS-167
6 - Ø3,1 mm Wedge cutter	INS-163
7 - Ø4,1 mm Wedge cutter	INS-164
8 - Ø5 mm Brophy cutter	INS-165



CATALOG

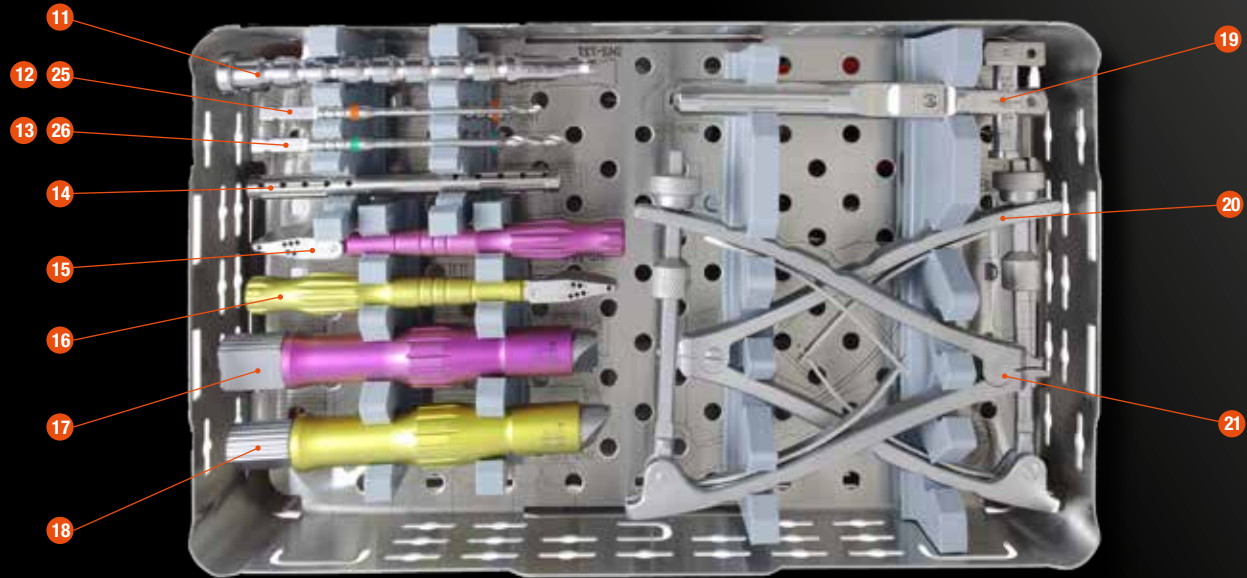
INSTRUMENTATION SET



Designation	Reference
1 Cannulated countersink drill bit with AO QC system for Ø3,2 mm screws	INS-151
1 Cannulated countersink drill bit long with AO QC system for Ø3,2 mm screws	INS-152
1 Drill bits case for Ø3,2 mm screws	INS-158
2 Countersink Drill Bit Ø2,5 mm with AO QC system Ø2,6 mm screws	INS-105
2 Cannulated countersink Drill Bit long with AO QC system for Ø2,6 mm screws	INS-145
2 Drill bits case for Ø2,6 mm screws	INS-159
3 Hex. 1,5 mm screwdriver shaft with self-holding feature & AO QC system for HCS Ø2,0 mm screw	INS-102
3 Twist-off screw 4.5 AO adaptor	INS-144
3 Twist-Off screwdriver*	INS-147
3 Screwdrivers case for Ø2,0 mm screws	INS-168
4 Cannulated hexagonal 1,8 mm screwdriver shaft with AO QC system	INS-101
4 Cannulated hexagonal 1,8 mm screwdriver shaft with self-holding feature and AO QC	INS-104
4 Cannulated graduated Drill Bit Ø1,9 mm with AO QC system	INS-114
4 Screwdrivers and drill bits case	INS-157
5 Scarf bone clamp	INS-106
6 Weil bone lever	INS-113
7 Direct measuring gauge for Kirschner wires Ø1,0 mm length 80 mm	INS-112
8 Kirschner Wire Ø1,0 mm, length 80 mm with Lancet/Round tip	004-0523-010
8 Kirschner wire dispenser tube	INS-115
9 Depth gauge 6-40 mm	INS-110
10 AO Ø4,5 mm Quick Coupling handle	INS-111

CATALOG

INSTRUMENTATION SET



Designation	Reference
11 Tamper for superelastic staples	INS-131
12 Drill bit for 8-15 mm superelastic staples	INS-134
13 Positioning pin for 18-25 mm superelastic staples	INS-174
14 Kirschner Wire Ø1,0 mm, length 80 mm with Lancet/Round tip	004-0523-010
14 Kirschner wire dispenser tube	INS-115
15 Drill guide for staples 90° Varisation staples	INS-142
16 Drill guide for staples 26° Varisation staples	INS-143
17 Impactor for staples 90° Varisation staples	INS-128
18 Impactor for staples 26° Varisation staples	INS-129
19 Drill guide for superelastic staples	INS-132
20 Spreader for 18-25 mm superelastic staples	INS-130
21 Spreader for 8-15 mm superelastic staples	INS-127
22 Instruments tray screws	INS-160
23 Instruments tray cover	INS-170
24 Instruments tray staples	INS-136
25 Positioning pin for 8-15 mm superelastic staples	INS-169
26 Drill bit for 18-25 mm superelastic staples	INS-135





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Caution

Federal law restricts this device to the sale, distribution and the use by or on the order of a physician

Indications for Use

The Self-Compressive Screws are intended for the fixation of bone fractures and for bone reconstruction in the hand and in forefoot surgery.

The Snap-Off Self Compressive Screws are intended for the fixation of bone fractures and for bone reconstruction in forefoot surgery.

The varisation Staple & Superelastic Staple are indicated for hand and foot bone fragments osteotomy fixation and joint arthrodesis.

www.neosteo.com