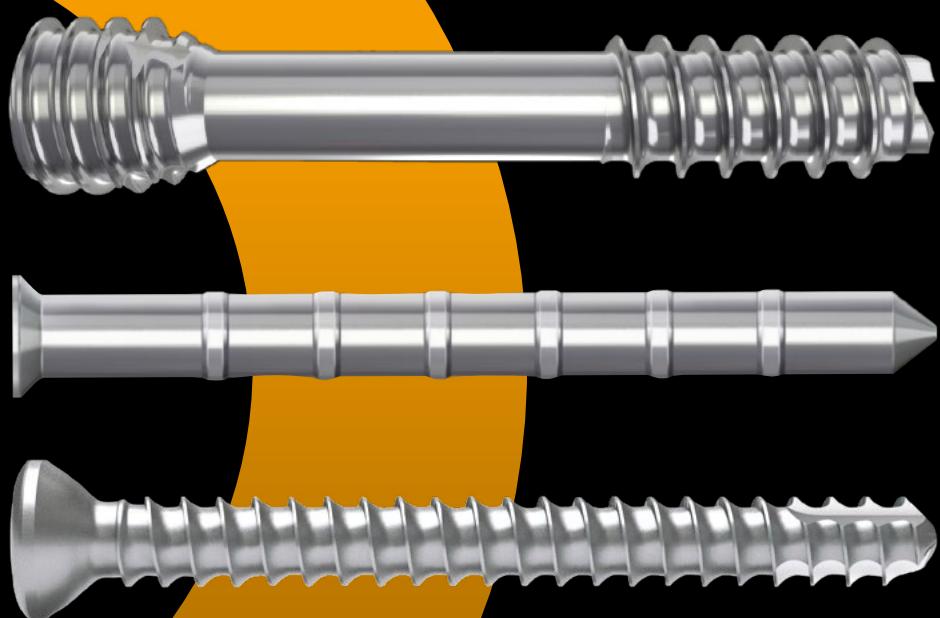


THE NEW STANDARD OF IMPLANTS!

MAGNEZIX® PRODUCT OVERVIEW

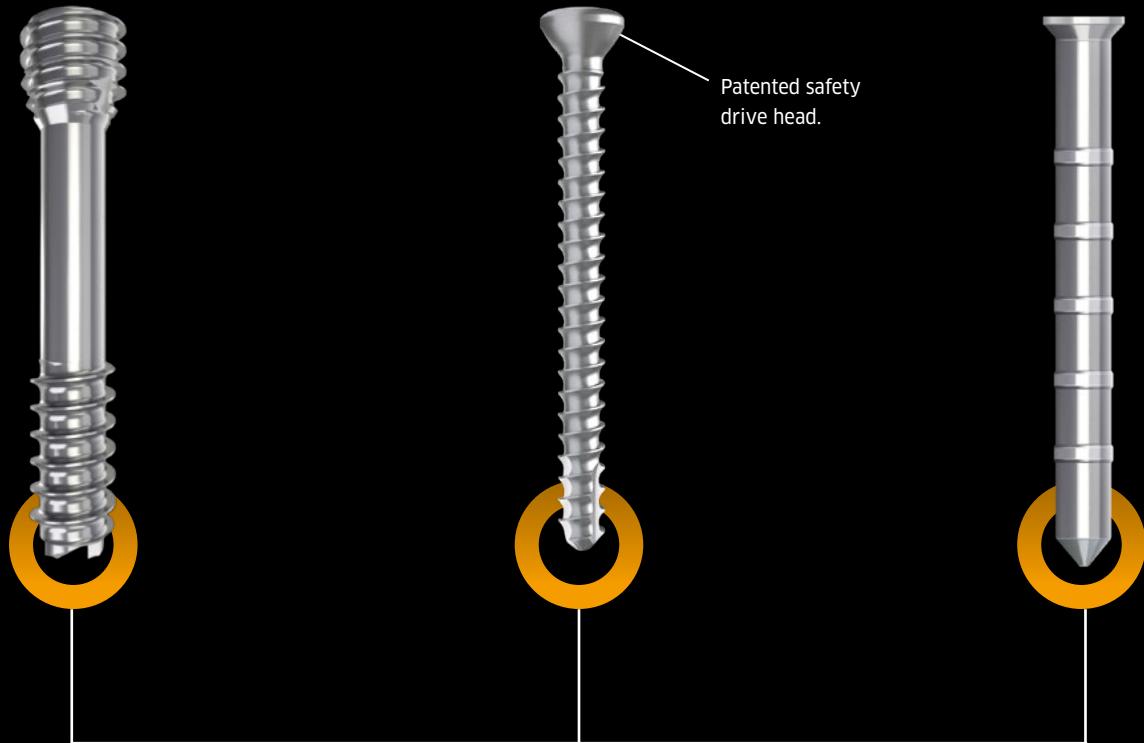


THE BENEFITS AT A GLANCE

Similar stability to comparable titanium implants.

Greater stability than PLA/PGA implants.

Superior stability compared to PLA/PGA implants.



Osteoconductive.
Metallic and transformable.
Reduced risk of infection.

No remaining foreign material.
Prevents „stress shielding“.

Suitable for MRI and CT diagnostics.
Virtually no radiological artifacts.

Free of nickel, cobalt, chrome, and aluminium.
Excellent biocompatibility, no known allergies.



THE NEW STANDARD OF IMPLANTS

METAL THAT TURNS INTO BONE - MAGNEZIX®

Innovation has no end: MAGNEZIX®, the world's unique material for metal implants that are both stable and transformable, is becoming more and more versatile. In addition to the well-proven compression screw CS and the pioneering Pin, MAGNEZIX® is now also available as a cortical screw CBS.

No compromises: The metallic MAGNEZIX® implants are mechanically stable and therefore much more resilient than conventional PLA- or PGA-based polymer implants. However, unlike normal metal screws or wires, they do not need to be removed - instead, they degrade completely within the body and are transformed to endogenous tissue.

The ideal solution: MAGNEZIX® implants are suitable for indications that require a temporary and secure fixation of the bone, but for which remaining material or a surgical removal of the metal following the healing process is not desirable.

MAGNEZIX® implants offer you:

Stability: MAGNEZIX® screws and pins offer significantly greater stability than conventional resorbable implants.

Inhibition of infection: When magnesium degrades, an alkaline, anti-bacterial environment is created.

Transformation: MAGNEZIX® implants transform in the body and will be replaced by endogenous bone tissue.

Tolerance: MAGNEZIX® has an excellent biocompatibility, the components of the alloy are not known to cause any allergic reactions.

Osteoconductivity: MAGNEZIX® implants stimulate bone growth.

First healing, then dissolving! MAGNEZIX® implants are metallically stable and are transformed into endogenous bone tissue, setting new standards for implants.



THE
MAGNEZIX®-
PRINCIPLE

THIS METAL SCREW TURNS INTO BONE

MAGNEZIX® CS

INTENDED USE

The MAGNEZIX® CS is a bioabsorbable compression screw that is used to restore the bone continuity after fractures and osteotomies (osteosynthesis) as well as for treatment of pseudarthroses. Specifically, the MAGNEZIX® CS is intended to achieve anatomical retention of bone sections that have been joined together by surgical splinting following prior reduction until the bone has healed. The implant is designed for single use.

INDICATIONS

The indications for MAGNEZIX® CS implants are reconstruction procedures after fractures and malalignment in the human skeleton. The surgeon must determine the degree of injury and the scope of the required surgical procedure and then select the correct surgical procedure and the appropriate implant. This is particularly important when using bioabsorbable MAGNEZIX® implants. The surgeon is always responsible for the decision to use these implants.

Depending on the chosen size, the MAGNEZIX® CS can be used as a bone screw for children, adolescents or adults for the adaptation-capable or exercise-capable fixation of bones and bony fragments.

MAGNEZIX® CS 2.0, 2.7, 3.2:

- Intra- and extraarticular fractures of small bones and bony fragments
- Arthrodeses, osteotomies and pseudarthroses of small bones and joints
- Small bony ligament and tendon ruptures
- Similar indications

MAGNEZIX® CS 2.7, 3.2:

- Carpal, metacarpal, tarsal and metatarsal bones
- Processus styloideus radii et ulnae
- Capitulum humeri and caput radii
- Epicondylus humeri
- Hallux valgus corrections
- Similar indications

MAGNEZIX® CS 2.0:

- Phalangeal and metacarpal bones
- Processus styloideus radii et ulnae
- Capitulum humeri and caput radii
- Osteochondrosis dissecans
- Similar indications

CONTRAINDICATIONS

MAGNEZIX® implants are contraindicated (absolute contraindication) in specific clinical situations or they should only be planned and used after careful consideration (relative contraindication).

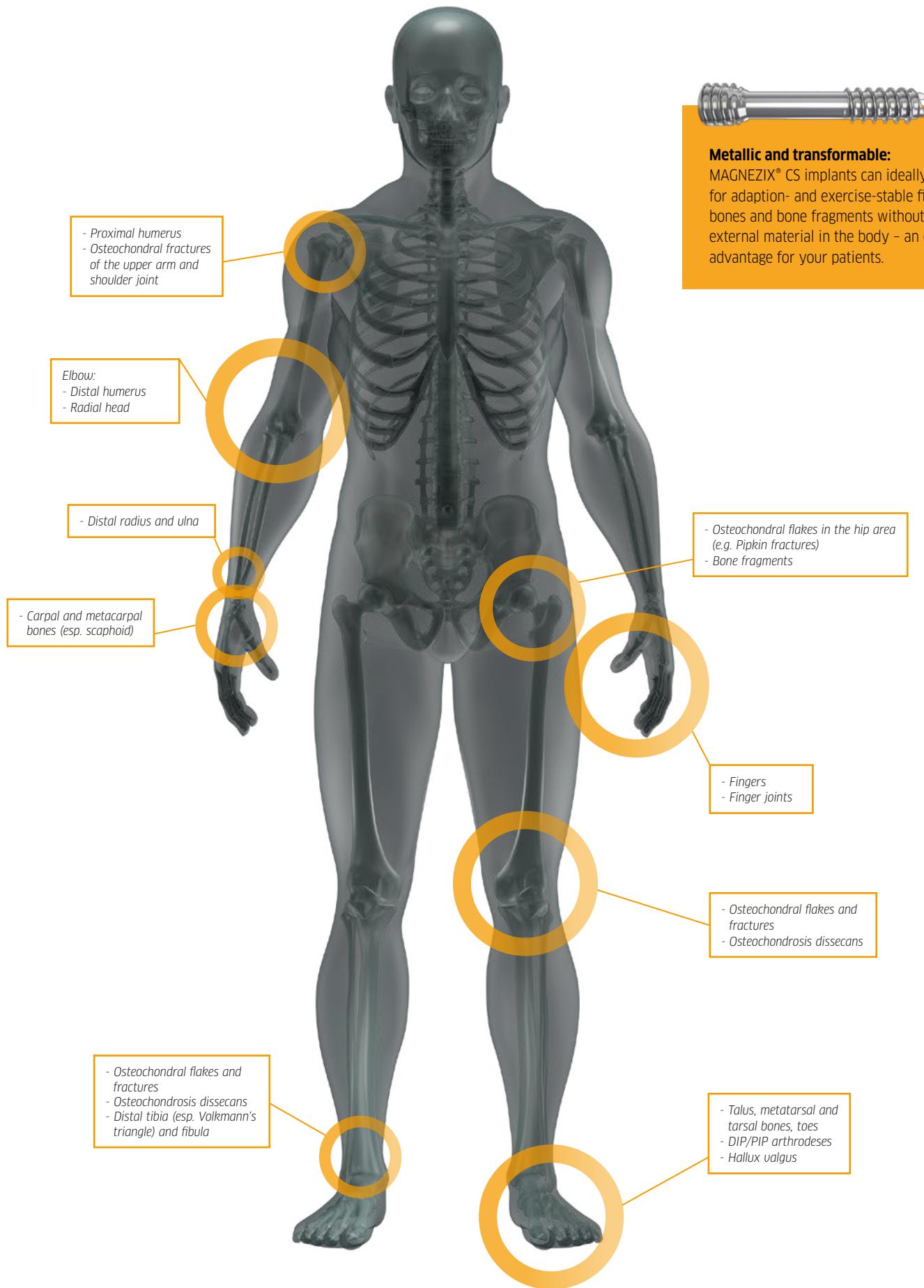
Absolute contraindications

- Insufficient or avascular bone mass for anchorage of the implant, except osteochondral fractures and dissects
- Confirmation or suspected septic infectious surgical site
- Application in the area of the epiphyseal plates
- Load-bearing stable osteosynthesis
- Arthrodeses of medium-sized and large joints
- Applications on the spinal column
- Radioscaphoid and/or midcarpal arthrosis

Relative contraindications

- Options for conservative treatment
- No options for adequate postoperative treatment (e.g. temporary strain relief)
- Uncooperative patient or patient with restricted intellectual capacity
- Alcohol, nicotine and/or drug abuse
- Poor skin/soft tissue conditions
- Osteoporosis
- Acute sepsis
- Epilepsy

Application examples

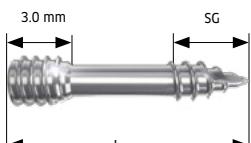


MAGNEZIX® CS

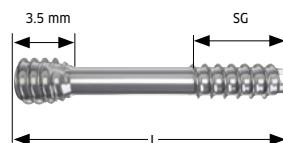
PRODUCT OVERVIEW

DIMENSIONS*

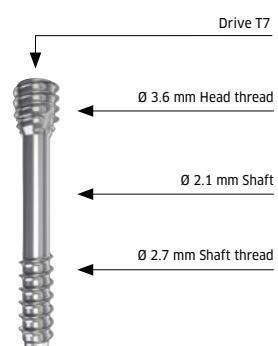
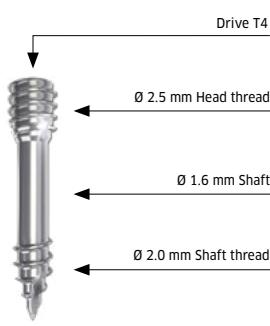
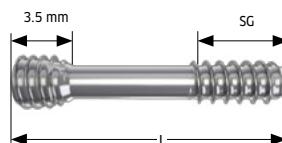
MAGNEZIX® CS 2.0



MAGNEZIX® CS 2.7



MAGNEZIX® CS 3.2



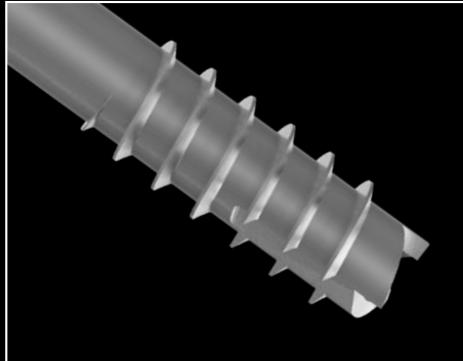
Art. No.	Threaded shaft length [mm] SG	Screw length [mm] L	Art. No.	Threaded shaft length [mm] SG	Screw length [mm] L	Art. No.	Threaded shaft length [mm] SG	Screw length [mm] L
1020.008	4	8	1027.010	4	10	1032.010	4	10
1020.010	4	10	1027.012	5	12	1032.012	5	12
1020.012	4	12	1027.014	5	14	1032.014	5	14
1020.014	5	14	1027.016	7	16	1032.016	7	16
1020.016	5	16	1027.018	7	18	1032.018	7	18
1020.018	5	18	1027.020	7	20	1032.020	7	20
1020.020	6	20	1027.022	7	22	1032.022	7	22
1020.022	6	22	1027.024	7	24	1032.024	7	24
1020.024	6	24	1027.026	7	26	1032.026	7	26
			1027.028	7	28	1032.028	7	28
			1027.030	7	30	1032.030	7	30
			1027.032	9	32	1032.032	9	32
			1027.034	9	34	1032.034	9	34
						1032.036	9	36
						1032.038	9	38
						1032.040	9	40

*The illustrations are not to scale.

ADVANTAGES AND FEATURES

MAGNEZIX[®]

MAGNEZIX[®] CS IMPLANTS

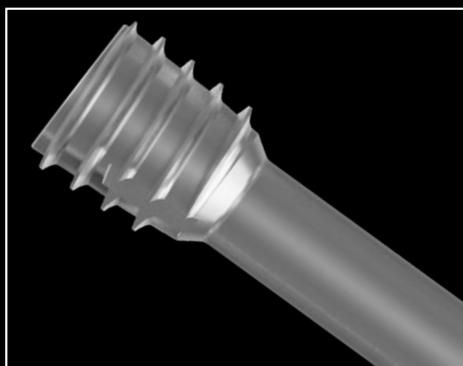


Unique, bioabsorbable magnesium alloy

The use of MAGNEZIX[®] implants makes any subsequent implant removal unnecessary, and moreover, it supports the osseous healing process. MAGNEZIX[®] is bioabsorbable and biocompatible.

Self-tapping screw tip

The self-tapping properties of the screw tip reduce the operation time and simplify the surgical application technique.



Cannulated screw

The screw is cannulated (hollow) to allow controlled positioning of the screw using the guide wire. This feature supports minimal invasive surgery.

Self-tapping head thread

The self-tapping design of the screw head simplifies insertion and countersinking of the screw head.



Different thread pitches

The threads of the head and the shaft have different thread pitches. This adapted design of the screw generates compressive forces and supports the intended interfragmentary compression.

Self-holding screwdriver

The screw head is equipped with a T4/T7/T8 (ISO 10664-4/7/8). The advantages of this ISO standardized technology are:

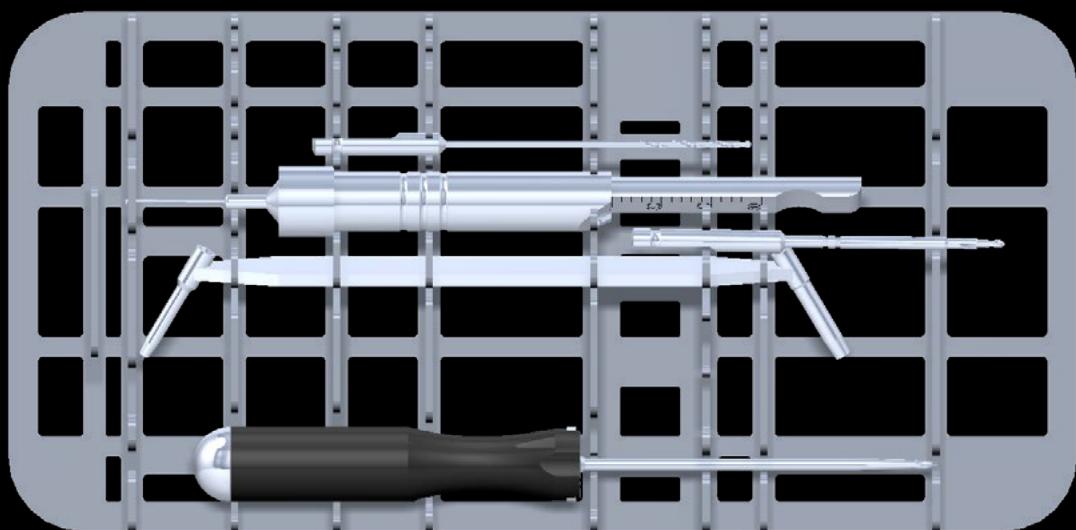
- Enlarged contact area
- Improved self-retaining mechanism
- Improved torque transmission

WARNINGS

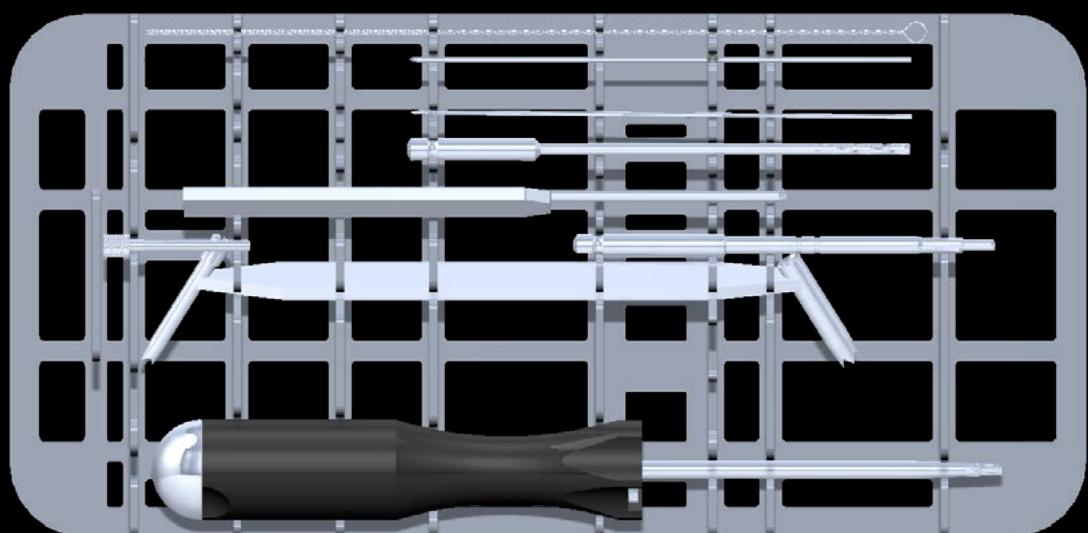
In the case of concurrent use of third party implants it must be borne in mind that steel, titanium and cobalt-chromium alloys may not remain in direct contact with a MAGNEZIX[®] implant at the intervention site (i.e. no physical contact of implants). Since the implants are designed for single use only, reuse of MAGNEZIX[®] implant devices is grossly negligent and can result in an increased risk of infection and loss in implant stability. In general, re-sterilization alters the implant's functionality in an unpredictable way.

MAGNEZIX® CS

PRODUCT OVERVIEW INSTRUMENTS



MAGNEZIX® CS 2.0



MAGNEZIX® CS 2.7 (LIKE CS 3.2)

INSTRUMENTS*

MAGNEZIX® CS

MAGNEZIX

PRODUCT OVERVIEW

Art. No. Description



6020.104	Screwdriver T4, One-Piece Handle, consisting of: 9099.001 One-Piece Handle for Screwdriver, 9020.015 Screwdriver blade T4
6027.107	Screwdriver T7, One-Piece Handle, Ø 1.1 mm cannulated, consisting of: 9099.001 One-Piece Handle for Screwdriver, 9027.015 Screwdriver blade T7
6032.108	Screwdriver T8, One-Piece Handle Ø 1.3 mm cannulated, consisting of: 9099.001 One-Piece Handle for Screwdriver: 9032.015 Screwdriver blade T8



6020.204	Screwdriver T4, Multi-Part Handle, consisting of: 9099.002 Multi-Part Handle for Screwdriver, 9020.015 Screwdriver blade T4
6027.207	Screwdriver T7, Multi-Part Handle Ø 1.1 mm cannulated, consisting of: 9099.002 Multi-Part Handle for Screwdriver, 9027.015 Screwdriver blade T7
6032.208	Screwdriver T8, Multi-Part Handle Ø 1.3 mm cannulated, consisting of: 9099.002 Multi-Part Handle for Screwdriver, 9032.015 Screwdriver blade T8



9020.020	Drill Bit Ø 1.5 mm, length 88/63 mm, for quick coupling
9027.020	Drill Bit Ø 2.2/1.1 mm, cannulated, length 100/75 mm, for quick coupling
9032.020	Drill Bit Ø 2.5/1.3 mm, cannulated, length 160/135 mm, for quick coupling



9020.021	Countersink Ø 2.2/1.5 mm, cannulated, for quick coupling
9027.021	Countersink Ø 3.1/1.1 mm, cannulated, for quick coupling
9032.021	Countersink Ø 3.5/1.3 mm, cannulated, for quick coupling



9020.033	Double Drill Guide, Ø 2.2/1.5 mm
9027.033	Double Drill Guide, Ø 3.1/2.2 mm
9032.033	Double Drill Guide, Ø 3.5/2.5 mm



9027.034	Drill Sleeve, Ø 2.2/1.1 mm
9032.034	Drill Sleeve, Ø 2.5/1.3 mm



9027.040	Guide Wire Ø 1.0 mm, with trocar tip, length 100 mm, (do not reuse)
9032.040	Guide Wire Ø 1.2 mm, with trocar tip, length 150 mm, (do not reuse)



9027.041	Guide Wire Ø 1.0 mm, with threaded tip, length 100 mm, (do not reuse)
9032.041	Guide Wire Ø 1.2 mm, with threaded tip, length 150 mm, (do not reuse)



9020.042	Depth Gauge for screws
9027.042	Measuring Device, for Guide Wire Ø 1.0 mm, Guide Wire length 100 mm
9032.042	Measuring Device, for Guide Wire Ø 1.2 mm, Guide Wire length 150 mm



9027.050	Cleaning Stylet Ø 1.05 mm, for Ø 1.1 mm, cannulated instruments
9032.050	Cleaning Stylet Ø 1.25 mm, for Ø 1.3 mm, cannulated instruments

Not shown:	Sterilizing Tray, without content	Lid for Sterilizing Tray
	CS Ø 2.0 mm 8020.001	CS Ø 2.0 mm 8020.002
	CS Ø 2.7 mm 8027.001	CS Ø 2.7 mm 8027.002
	CS Ø 3.2 mm 8032.001	CS Ø 3.2 mm 8032.002

*The illustrations are not to scale.

The latest generation of instruments can additionally have color codes.

A KIND OF ITS OWN

MAGNEZIX® Pin

INTENDED USE

The MAGNEZIX® Pin is a bioabsorbable bone pin that is used to restore the bone continuity of bone fragments that are subjected to low loads and dimensionally stable after fractures, for the treatment of bony avulsion fractures, and for the refixation of bone fragments and osteochondral fragments. Specifically, the MAGNEZIX® Pin is intended to achieve anatomical retention of bone sections that have been joined together by surgical splinting following prior reduction until the bone has healed. The implant is designed for single use.

INDICATIONS

The indications for MAGNEZIX® Pin implants are reconstruction procedures after fractures and malalignment in the human skeleton. The surgeon must determine the degree of injury or changes in the bone and the scope of the required surgical procedure and then select the correct surgical procedure and the correct implant. This is particularly important for the use of bioabsorbable MAGNEZIX® implants. The surgeon always remains responsible for the decision to use these implants.

Depending on the chosen size, the MAGNEZIX® Pin can be used as a bone pin for children, adolescents or adults for the adaptation-capable or exercise-capable fixation of bones, bone fragments or osteochondral fragments for areas that are only subjected to minor loads. The relevant medical literature and corresponding guidelines of the professional associations must be observed when selecting the pin size that is going to be used.

MAGNEZIX® Pin 1.5, 2.0, 2.7, 3.2 for example:

- ➔ Intra-articular and extra-articular fractures of small bones and bone fragments
- ➔ Arthrodeses and osteotomies of small bones and joints
- ➔ Small osseous ligament and tendon ruptures
- ➔ Osteochondral fractures and dissecates
- ➔ Similar Indications

MAGNEZIX® Pin 1.5 among others:

- ➔ Phalangeal and metacarpal bones
- ➔ Osteochondrosis dissecans
- ➔ Similar indications

MAGNEZIX® Pin 2.0 among others:

- ➔ Carpal, metacarpal, tarsal and metatarsal bones
- ➔ Ulnar and radial styloid processes
- ➔ Radial head and capitulum
- ➔ Similar indications

MAGNEZIX® Pin 2.7 and 3.2 among others:

- ➔ Pipkin fractures
- ➔ Metaphyseal fractures of the radius and ulna
- ➔ Hallux valgus corrections
- ➔ Similar indications

CONTRAINDICATIONS

MAGNEZIX® implants are contraindicated (absolute contraindication) in specific clinical situations or they should only be planned after careful consideration (relative contraindication).

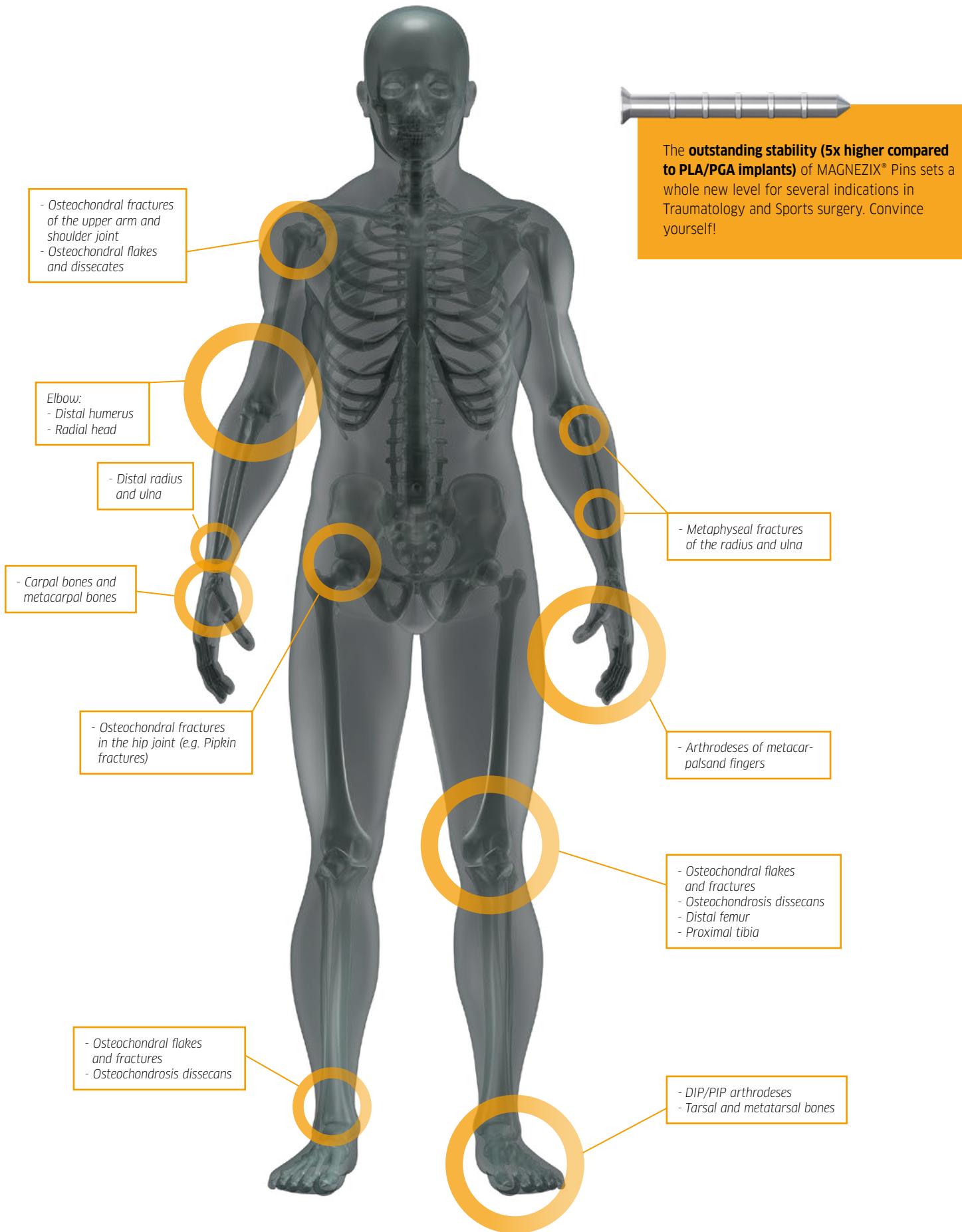
Absolute contraindications

- ➔ Insufficient or avascular bone tissue for anchorage of the implant
- ➔ Confirmation or suspected septic infectious surgical site
- ➔ Application in the area of the epiphyseal plates
- ➔ Functionally stable osteosynthesis
- ➔ Arthrodeses of medium to large joints
- ➔ Applications on the spinal column

Relative contraindications

- ➔ Options for conservative treatment
- ➔ Acute sepsis
- ➔ Osteoporosis
- ➔ Continuous stretching of tendons and ligaments with foreseeable secondary dislocation
- ➔ Alcohol, nicotine and/or drug abuse
- ➔ Epilepsy
- ➔ Poor skin/soft tissue conditions
- ➔ Uncooperative patient or patient with restricted intellectual capacity
- ➔ No options for adequate postoperative treatment (e.g. temporary strain relief)

Application examples

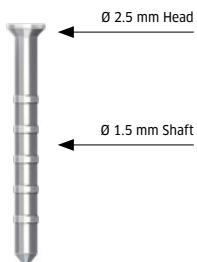


MAGNEZIX® Pin

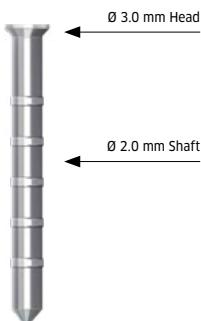
PRODUCT OVERVIEW

DIMENSIONS*

MAGNEZIX® Pin 1.5



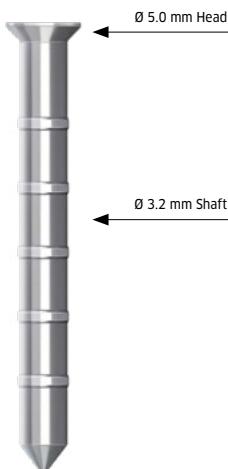
MAGNEZIX® Pin 2.0



MAGNEZIX® Pin 2.7



MAGNEZIX® Pin 3.2



Head height is 1.0 mm.

Head height is 1.0 mm.

Head height is 1.1 mm.

Head height is 1.3 mm.

Art. No. Length [mm]

1115.008	8
1115.010	10
1115.012	12
1115.014	14
1115.016	16
1115.018	18
1115.020	20
1115.022	22
1115.024	24
1115.026	26
1115.028	28
1115.030	30

Art. No. Length [mm]

1120.008	8
1120.010	10
1120.012	12
1120.014	14
1120.016	16
1120.018	18
1120.020	20
1120.022	22
1120.024	24
1120.026	26
1120.028	28
1120.030	30
1120.032	32
1120.034	34
1120.036	36
1120.038	38
1120.040	40

Art. No. Length [mm]

1127.012	12
1127.014	14
1127.016	16
1127.018	18
1127.020	20
1127.022	22
1127.024	24
1127.026	26
1127.028	28
1127.030	30
1127.032	32
1127.034	34
1127.036	36
1127.038	38
1127.040	40
1127.042	42
1127.044	44
1127.046	46
1127.048	48
1127.050	50

Art. No. Length [mm]

1132.012	12
1132.014	14
1132.016	16
1132.018	18
1132.020	20
1132.022	22
1132.024	24
1132.026	26
1132.028	28
1132.030	30
1132.032	32
1132.034	34
1132.036	36
1132.038	38
1132.040	40
1132.042	42
1132.044	44
1132.046	46
1132.048	48
1132.050	50

*The illustrations are not to scale.

ADVANTAGES AND FEATURES

MAGNEZIX[®]

MAGNEZIX[®] PIN IMPLANTS



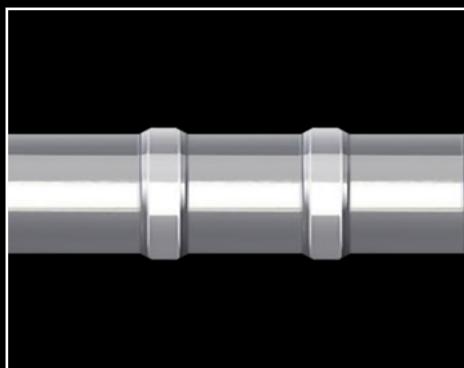
Unique, transformable magnesium alloy

The use of MAGNEZIX[®] implants makes any subsequent implant removal unnecessary, and moreover, it supports the osseous healing process. MAGNEZIX[®] is bioabsorbable and biocompatible.

Head design

The flat designed head of the MAGNEZIX[®] Pin enables stable reduction of the bone fragment. Prominent protrusion of the implant involving possible damage to proximal structures can thus be avoided and the pin head can be completely countersunk.

In addition, a recess in the pin head improves positioning of the impactor and the impactor is prevented from slipping off the pin head during impaction.



Axially stabilising shaft design

The symmetric collars on the pin shank result in compression of the free bone fragment during impaction of the implant. In addition, the collars increase the axial positioning precision of the implant and thus ensure reduction during the healing process.



Design of the pin tip

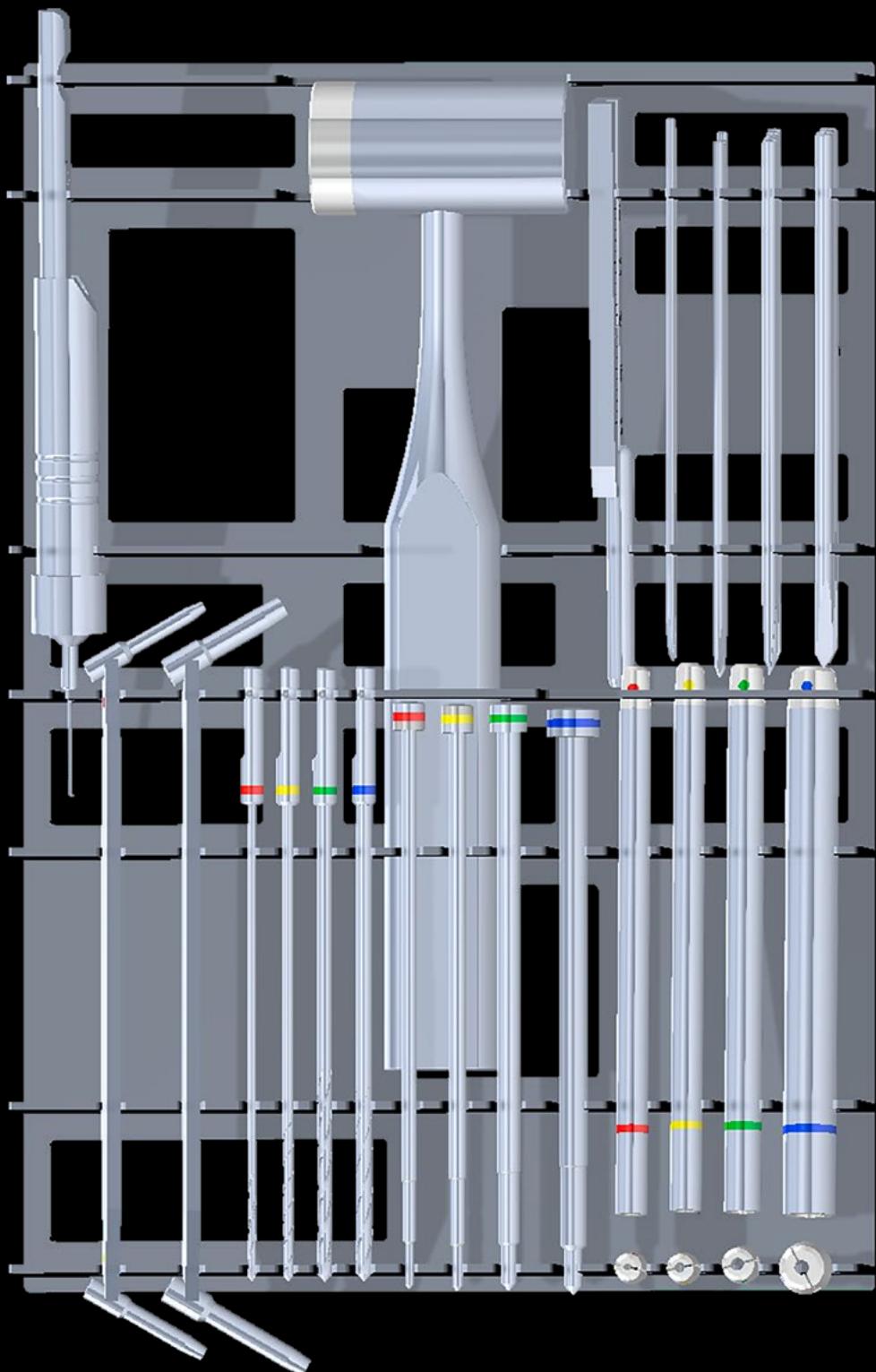
The tip design of the MAGNEZIX[®] Pin displaces cancellous bone and thus compresses the implant bed. The pin tip without any collars facilitates positioning of the MAGNEZIX[®] Pin in the pre-drilled implant bed.

WARNINGS

In the case of concurrent use of third party implants it must borne in mind that steel, titanium and cobalt-chromium alloys may not remain in direct contact with a MAGNEZIX[®] implant at the intervention site (i.e. no physical contact of implants). Since the implants are designed for single use only, reuse of MAGNEZIX[®] implant devices is grossly negligent and can result in an increased risk of infection and loss in implant stability. In general, re-sterilization alters the implant's functionality in an unpredictable way.

MAGNEZIX® Pin

PRODUCT OVERVIEW INSTRUMENTS

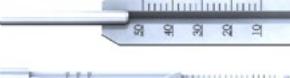


INSTRUMENTS*

MAGNEZIX® Pin

MAGNEZIX

PRODUCT OVERVIEW

Art. No.	Description
	6115.010 Impactor for MAGNEZIX® Pin Ø 1.5 mm, consisting of: 9115.010 Impactor Sleeve for MAGNEZIX® Pin Ø 1.5 9115.011 Impactor Insert for MAGNEZIX® Pin Ø 1.5 9115.012 Impactor Tip for MAGNEZIX® Pin Ø 1.5
	6120.010 Impactor for MAGNEZIX® Pin Ø 2.0 mm, consisting of: 9120.010 Impactor Sleeve for MAGNEZIX® Pin Ø 2.0 9120.011 Impactor Insert for MAGNEZIX® Pin Ø 2.0 9120.012 Impactor Tip for MAGNEZIX® Pin Ø 2.0
	6127.010 Impactor for MAGNEZIX® Pin Ø 2.7 mm, consisting of: 9127.010 Impactor Sleeve for MAGNEZIX® Pin Ø 2.7 9127.011 Impactor Insert for MAGNEZIX® Pin Ø 2.7 9127.012 Impactor Tip for MAGNEZIX® Pin Ø 2.7
	6132.010 Impactor for MAGNEZIX® Pin Ø 3.2 mm, consisting of: 9132.010 Impactor Sleeve for MAGNEZIX® Pin Ø 3.2 9132.011 Impactor Insert for MAGNEZIX® Pin Ø 3.2 9132.012 Impactor Tip for MAGNEZIX® Pin Ø 3.2
	9115.020 Drill Bit Ø 1.5 mm, length 115/90 mm, for quick coupling 9120.020 Drill Bit Ø 2.0 mm, length 115/90 mm, for quick coupling 9127.020 Drill Bit Ø 2.7 mm, length 115/90 mm, for quick coupling 9132.020 Drill Bit Ø 3.2 mm, length 115/90 mm, for quick coupling
	9115.033 Double Drill Guide, for MAGNEZIX® Pin Ø 1.5/2.0 mm
	9127.033 Double Drill Guide, for MAGNEZIX® Pin Ø 2.7/3.2 mm
	9115.040 Reduction Wire Ø 1.5 mm, spade point tip, length 100 mm 9120.040 Reduction Wire Ø 2.0 mm, spade point tip, length 100 mm 9127.040 Reduction Wire Ø 2.7 mm, spade point tip, length 100 mm 9132.040 Reduction Wire Ø 3.2 mm, spade point tip, length 100 mm
	9100.042 Measuring Device, for reduction wires, up to Ø 3.2 mm, for length 100 mm
	9100.045 Depth Gauge for MAGNEZIX® Pin
Not shown:	8100.001 Sterilizing Tray for MAGNEZIX® Pin, without contents 8100.002 Lid for Sterilizing Tray, for MAGNEZIX® Pin 9100.000 Hammer 230 g, with plastic insert, optional 9100.001 Plastic Insert, spare part

*The illustrations are not to scale.

UNIQUE ADVANTAGES, VERSATILE APPLICATIONS

MAGNEZIX® CBS

INTENDED USE

The MAGNEZIX® CBS is a bioabsorbable bone screw that is used to restore the bone continuity after fractures and osteotomies (osteosynthesis) as well as for treatment of pseudarthroses. Specifically, the MAGNEZIX® CBS is intended to achieve anatomical retention of bone sections that have been joined together by surgical splinting following prior reduction until the bone has healed. The implant is designed for single use only.

INDICATIONS

The indications for MAGNEZIX® CBS implants are reconstruction procedures after fractures and malalignment in the human skeleton. The surgeon must determine the degree of injury or changes in the bone and the scope of the required surgical procedure and then select the correct surgical procedure and the correct implant. This is particularly important for the use of bioabsorbable MAGNEZIX® implants. The surgeon is always responsible for the decision to use these implants.

Depending on the chosen size, the MAGNEZIX® CBS can be used as a bone screw for children, adolescents or adults for the adaptation-capable or exercise-capable fixation of bones and bone fragments.

MAGNEZIX® CBS 2.0, 2.7, 3.5:

- Intra- and extra-articular fractures of small bones and bone fragments
- Arthrodeses, osteotomies or pseudarthroses of small bones and joints
- Small bony ligament and tendon ruptures
- Osteochondral fractures and dissecates
- Similar indications

MAGNEZIX® CBS 2.0:

- Phalangeal and metacarpal bones
- Osteochondrosis dissecans
- Similar indications

MAGNEZIX® CBS 2.7 and 3.5:

- Carpal, metacarpal, tarsal and metatarsal bones
- Epicondylus humeri
- Metaphyseal fractures of small and medium-sized bones and bone fragments
- Similar indications

CONTRAINDICATIONS

MAGNEZIX® implants are contraindicated (absolute contraindication) in specific clinical situations or they should only be planned and used after careful consideration (relative contraindication).

Absolute contraindications

- Insufficient or avascular bone mass for anchorage of the implant, except osteochondral fractures and dissecates
- Confirmation or suspected septic infectious surgical site
- Application in the area of the epiphyseal plates
- Loadbearing stable osteosynthesis
- Arthrodeses of medium to large joints
- Applications on the spinal column
- Applications in combination with osteosyntheses plates, consisting of foreign material

Relative contraindications

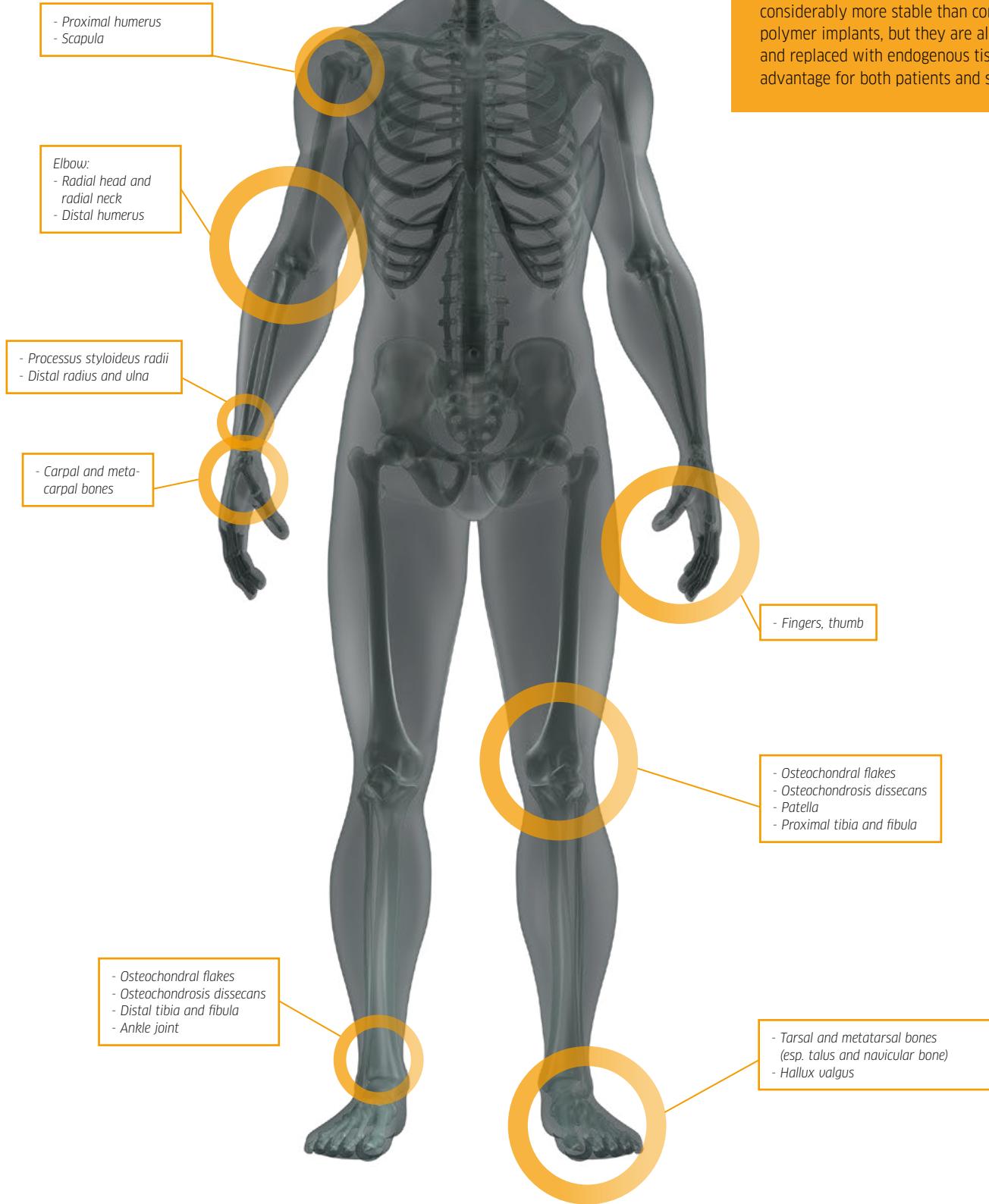
- Options for conservative treatment
- Acute sepsis
- Osteoporosis
- Alcohol, nicotine and/or drug abuse
- Epilepsy
- Poor skin/soft tissue conditions
- Uncooperative patient or patient with restricted intellectual capacity no options for adequate post-operative treatment (e.g. temporary strain relief)

Application examples



The better implant:

The metallic MAGNEZIX® CBS are not only considerably more stable than conventional polymer implants, but they are also transformed and replaced with endogenous tissue - a clear advantage for both patients and surgeons.

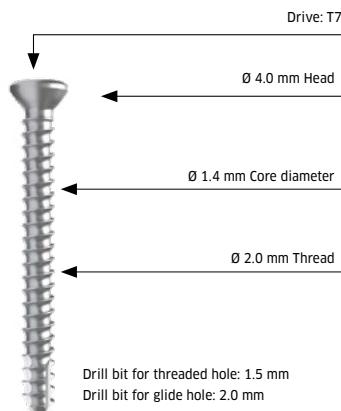


MAGNEZIX® CBS

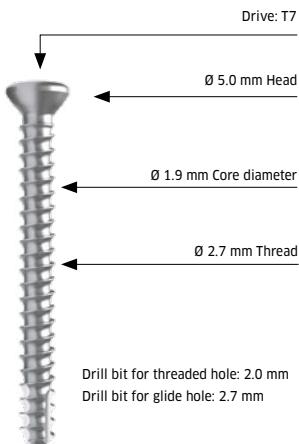
PRODUCT OVERVIEW

DIMENSIONS*

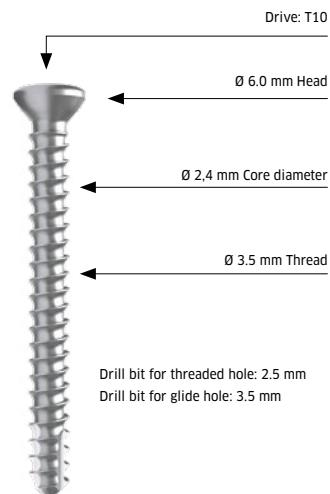
MAGNEZIX® CBS 2.0



MAGNEZIX® CBS 2.7



MAGNEZIX® CBS 3.5



Head height is 1.9 mm.

Head height is 2.3 mm.

Head height is 2.6 mm.

Art. No. Length [mm]

1320.006	6
1320.008	8
1320.010	10
1320.012	12
1320.014	14
1320.016	16
1320.018	18
1320.020	20

Art. No. Length [mm]

1327.006	6
1327.008	8
1327.010	10
1327.012	12
1327.014	14
1327.016	16
1327.018	18
1327.020	20
1327.022	22
1327.024	24
1327.026	26
1327.028	28
1327.030	30

Art. No. Length [mm]

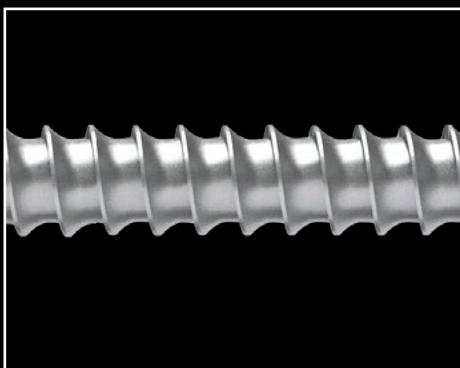
1335.008	8
1335.010	10
1335.012	12
1335.014	14
1335.016	16
1335.018	18
1335.020	20
1335.022	22
1335.024	24
1335.026	26
1335.028	28
1335.030	30
1335.032	32
1335.034	34
1335.036	36
1335.038	38
1335.040	40

*The illustrations are not to scale.

ADVANTAGES AND FEATURES

MAGNEZIX® CBS IMPLANTS

MAGNEZIX[®]



Unique, transformable magnesium alloy

The use of MAGNEZIX® implants makes any subsequent implant removal unnecessary, and moreover, it supports the osseous healing process. MAGNEZIX® is bioabsorbable and biocompatible.

Head design

The head of the MAGNEZIX® CBS, with a typical cortical screw design, allows for stable repositioning of the bone fragment, with good compression characteristics.

Patented safety drive design

The special design of the TORX-based drive protects the implant in the shaft and head area from failure. If the torsional load is too high during the insertion process, a targeted deformation of the screw head drive takes place. As a result, subsequent steps can be continued using a hexagonal screwdriver blade.

Thread design

The thread design, which is typical for cortical screws, produces a strong fixation in cortical bone. A dimension-dependent thread pitch supports the controlled compression of bone fragments.

Screw tip

The additionally existing chip flutes improve the thread quality and ease the screwing-in. However, a precutting of the thread in cortical bone is required.

WARNINGS

When using other makes of implant at the same time, it is important to note that steel, titanium and cobalt-chromium alloys in the surgical site must not be in direct contact with a MAGNEZIX® implant for an extended period (physical contact between implants). Since the implants are intended for single use only, reuse of MAGNEZIX® implants constitutes gross negligence. It may lead to increased risk of infection and especially loss of implant stability. Re-sterilization will have an unpredictable impact on the product.

MAGNEZIX® CBS

PRODUCT OVERVIEW INSTRUMENTS



INSTRUMENTS*

MAGNEZIX® CBS

MAGNEZIX

PRODUCT OVERVIEW

Art. No. Description



9115.020	Drill bit Ø 1.5 mm, Length 115/90 mm, for quick coupling
9120.020	Drill bit Ø 2.0 mm, Length 115/90 mm, for quick coupling
9127.020	Drill bit Ø 2.7 mm, Length 115/90 mm, for quick coupling
9325.020	Drill bit Ø 2.5 mm, Length 115/90 mm, for quick coupling
9335.020	Drill bit Ø 3.5 mm, Length 115/90 mm, for quick coupling



9320.021	Countersink CBS Ø 2.0, for quick coupling
9327.021	Countersink CBS Ø 2.7/3,5, for quick coupling



9320.022	Tap CBS Ø 2.0, for quick coupling
9327.022	Tap CBS Ø 2.7, for quick coupling
9335.022	Tap CBS Ø 3.5, for quick coupling



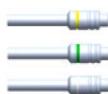
9115.033	Double drill guide, Ø 1.5/2.0 mm
9327.033	Double drill guide, Ø 2.0/2.7 mm
9335.033	Double drill guide, Ø 2.7/3.5 mm



9327.034	Insert drill sleeve Ø 2.7/2.0
9335.034	Insert drill sleeve Ø 3.5/2.5



9300.045	Depth gauge for MAGNEZIX® CBS
9320.015	Screwdriver blade T7, for quick coupling
9335.015	Screwdriver blade T10, for quick coupling



9320.016	Holding sleeve CBS Ø 2.0, for 9320.015
9327.016	Holding sleeve CBS Ø 2.7, for 9320.015
9335.016	Holding sleeve CBS Ø 3.5, for 9335.015

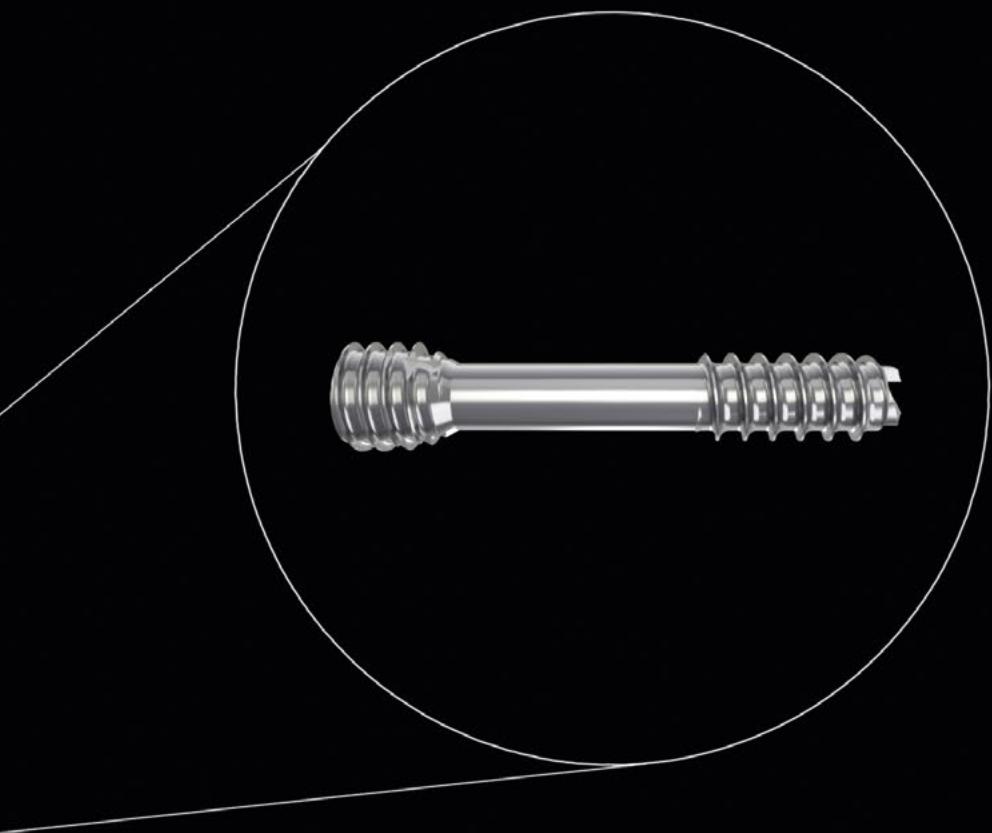


9099.004	Small screwdriver handle with quick coupling
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Not shown: 8300.001 Sterilizing tray CBS
 8300.002 Lid sterilizing tray CBS
 8300.003 Insert sterilizing tray CBS

* The illustrations are not to scale.





METALLIC AND
TRANSFORMABLE.
A MEDICAL SENSATION.
MAGNEZIX®



MAGNEZIX®
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developed
and made
in Germany.

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*Implants are manufactured in Germany in cooperation
with Königsee Implantate GmbH.*

Errors and omissions reserved.