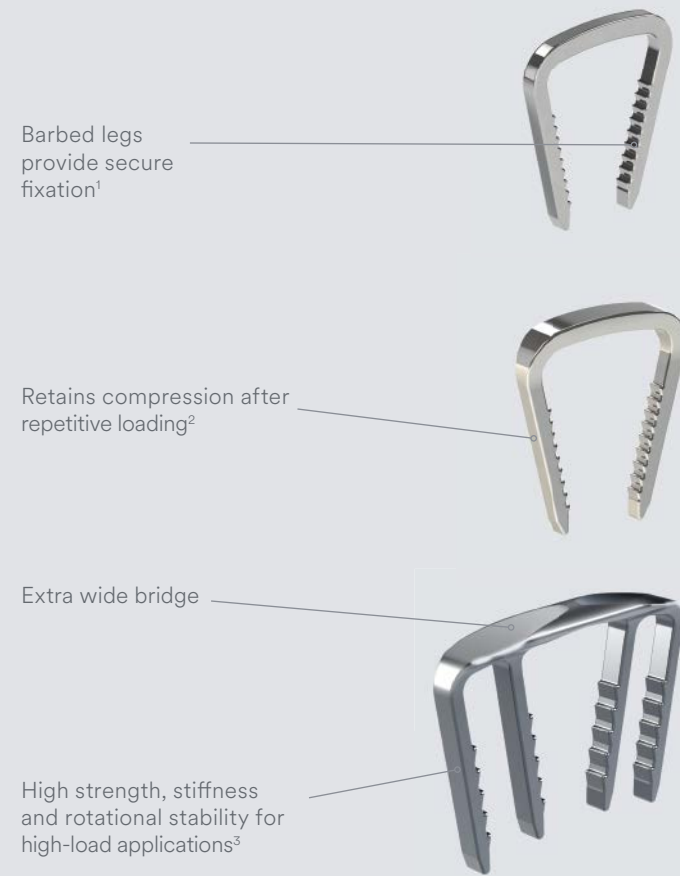


CONTINUOUS COMPRESSION IMPLANTS

Designed to provide continuous, active
compression throughout the healing process



Implant Design



BME SPEED™ Implant

SPEEDTITAN® Implant

BME ELITE® Implant

Ease of Use

- Pre-sterilized disposable system includes instrumentation to enhance operating room efficiencies
- Implants are pre-loaded to save time and hassle in the OR and facilitate easy, precise placement of the implant



Drill Kit



Drill Guides

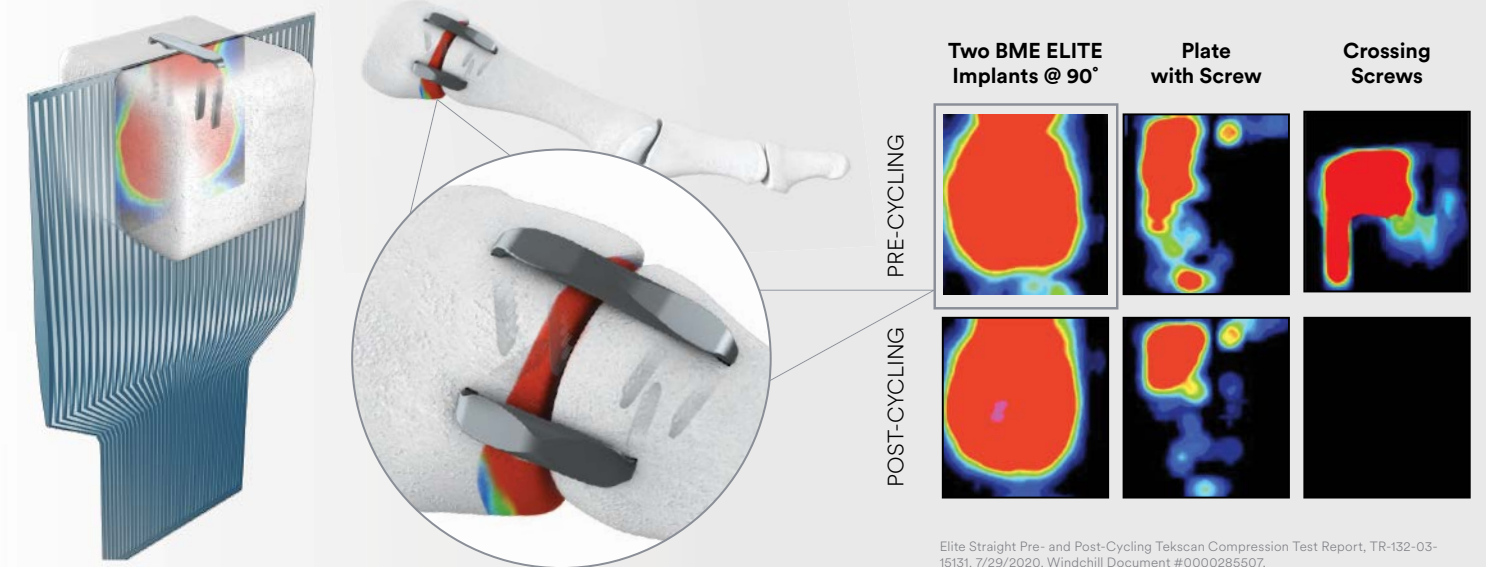


Test results may not necessarily be indicative of clinical performance.

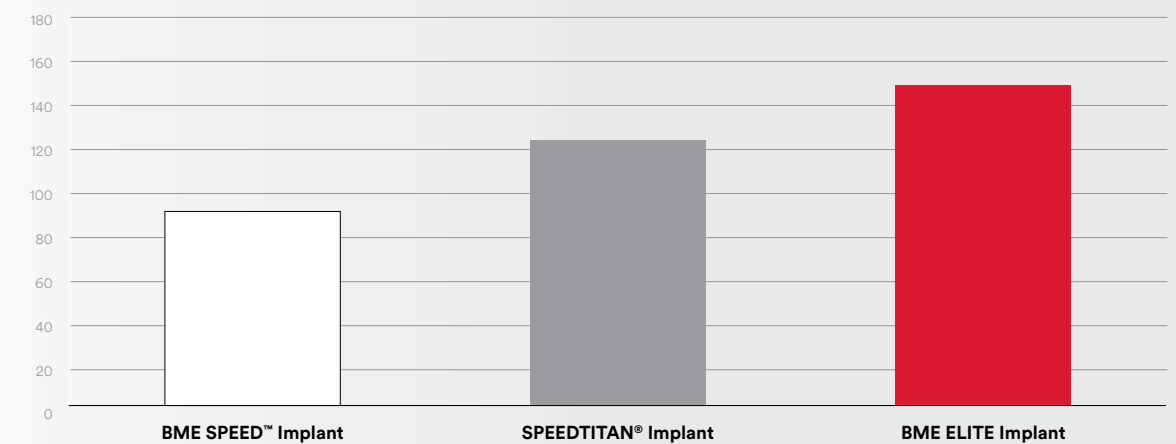
Continuous Active Compression

The BME ELITE® Continuous Compression Implants (CCIs) were compared to the following constructs: locking titanium midfoot compression plates, with and without 4.0 mm lag screws, and crossing 4.0 mm screws.² These fixation combinations are commonly used in various arthrodesis sites. Compression measurements were taken using Tekscan® pressure maps placed between bicortical Sawbone® blocks.² Measurements were taken before and after repetitive loading of 100 cycles at 2 mm displacement.²

Constructs using the BME ELITE Implants provided significantly more compression than a locking titanium midfoot compression plate with and without a 4.0 mm lag screw and crossing 4.0 mm lag screws.²



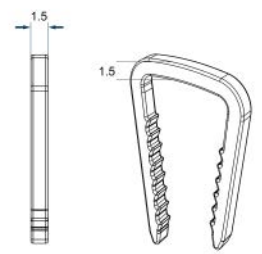
Compression Comparison (N)⁴



*Bench Test results may not necessarily be indicative of clinical performance.

BME SPEED Implant

Implant Kit	Bridge*	Legs*
SE-0907	09	07
SE-0910	09	10
SE-1108	11	08
SE-1110	11	10
SE-111513	11	15/13
SE-1308	13	08
SE-1310	13	10
SE-1312	13	12
SE-131513	13	15/13
SE-1510	15	10
SE-1512	15	12



Sizes in millimeters.

*Sizes in millimeters.

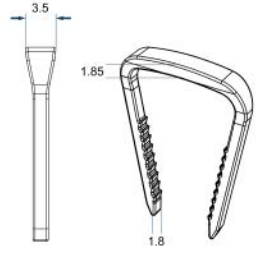
Corresponding Drill Kits

Part Number	Drill Bit	Sizing Guides	Handle Adapter	Drill Guides	Depth Gauge	K-Wires	K-Wire Guides	Pull Pins	Tamp
DK-200C	2.00 mm	Included	Included	-	-	4 x 1.14 mm	-	Included (2)	Included
DK-200HW	2.00 mm*	Included	-	09, 11, 13, 15 mm	Included	4 x 1.14 mm 4 x 0.9 mm†	Included (2)†	Included (2)	Included

*Cannulated Drill Bit included in DK-200HW.
†Compatible with cannulated instruments.

SPEEDTITAN Implant

IMPLANT KIT	BRIDGE*	LEGS*
SE-1515TI	15	15
SE-1815TI	18	15
SE-1815TI	18	18/15
SE-1818TI	18	18
SE-2015TI	20	15
SE-2020TI	20	20
SE-2520TI	25	20



Sizes in millimeters.

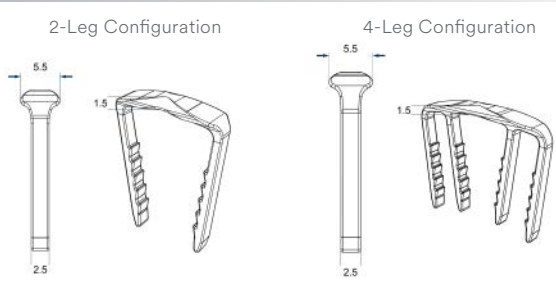
*Sizes in millimeters.

Corresponding Drill Kit

PART NUMBER	DRILL BIT	SIZING GUIDES	HANDLE ADAPTER	K-WIRES	PULL PINS	TAMP
DK-265C	2.65 mm	Included	Included	4 x 1.37 mm	Included (2)	Included

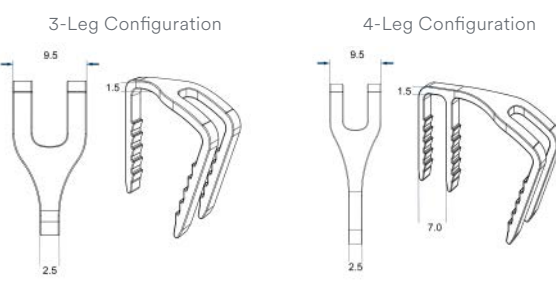
BME ELITE Implant

IMPLANT KIT	BRIDGE*	LEGS*	NO. of LEGS
EL-1515S2	15	15	2
EL-1815S2	18	15	2
EL-1818S2	18	18	2
EL-2015S2	20	15	2
EL-2020S2	20	20	2
EL-2520S2	25	20	2
EL-2520S4	25	20	4
EL-3020S4	30	20	4



BME ELITE® Y Implant

IMPLANT KIT	BRIDGE*	LEGS**	NO. of LEGS
EL-201507Y3	20	15	3
EL-202007Y3	20	20	3
EL-251507Y4	25	15	4
EL-252007Y4	25	20	4
EL-301507Y4	30	15	4
EL-302007Y4	30	20	4



Degree of curvature of BME ELITE Y Implants in the closed position is 20°. Sizes in millimeters.

*Sizes in millimeters.

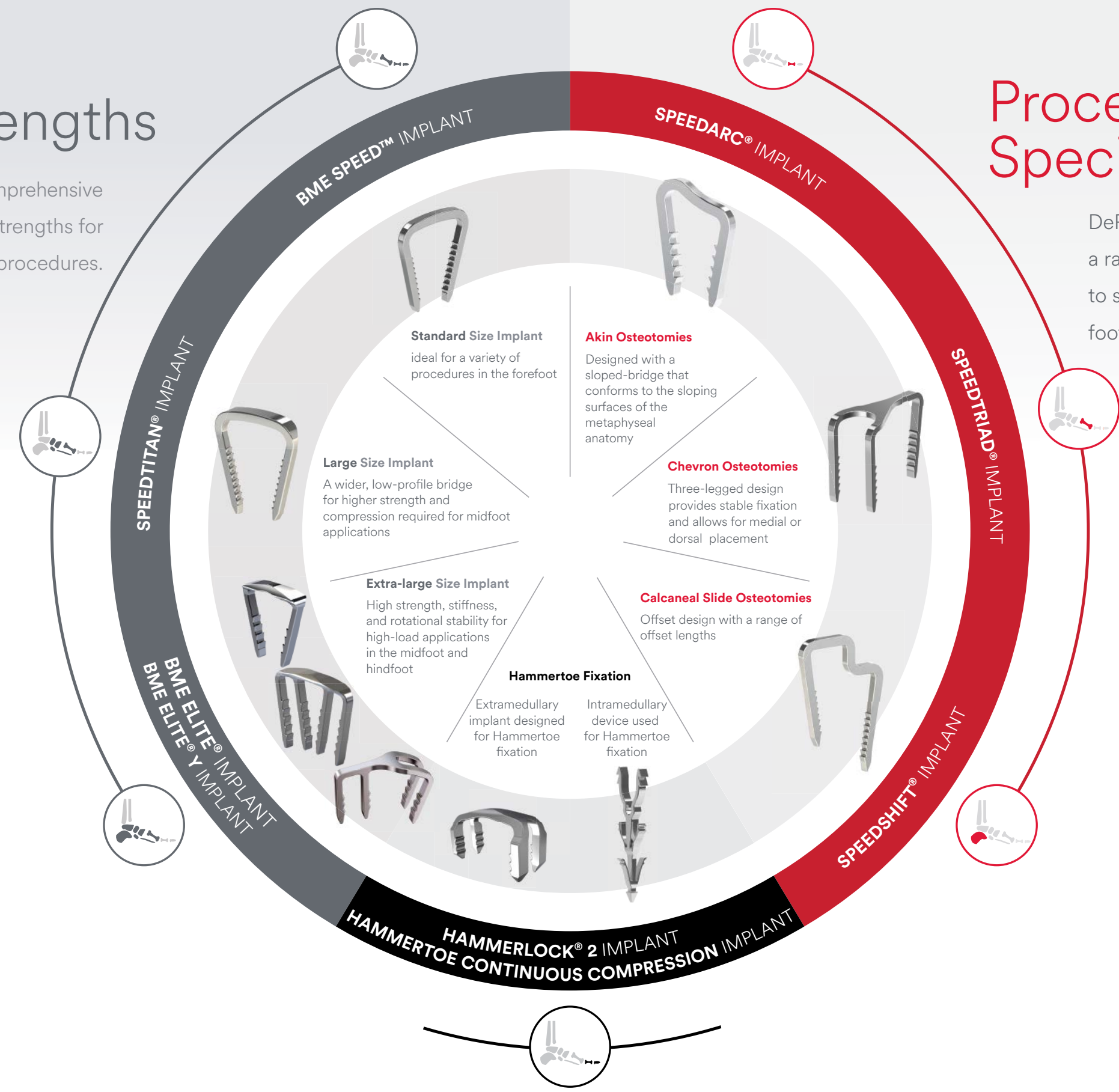
†Leg Configuration for 3 and 4 Leg Implants are the same.

Corresponding Drill/Drill Guide Kits

PART NUMBER	DRILL BIT	DRILL GUIDES	PULL PINS	TAMP	K-WIRES	DEPTH GAUGE
DK-300	3.00 mm	-	Included (4)	Included	4 x 1.6 mm	Included
EL-DTS	-	15, 18, 20, 25, 30 mm	-	-	-	-
EL-DTY	-	20, 25, 30 mm	-	-	-	-

Various Strengths

DePuy Synthes offers one of the most comprehensive range of CCIs with proper sizes and strengths for forefoot, midfoot and hindfoot procedures.



Standard Size Implant
ideal for a variety of procedures in the forefoot

Large Size Implant
A wider, low-profile bridge for higher strength and compression required for midfoot applications

Extra-large Size Implant
High strength, stiffness, and rotational stability for high-load applications in the midfoot and hindfoot

Hammertoe Fixation
Extramedullary implant designed for Hammertoe fixation
Intramedullary device used for Hammertoe fixation

Akin Osteotomies
Designed with a sloped-bridge that conforms to the sloping surfaces of the metaphyseal anatomy

Chevron Osteotomies
Three-legged design provides stable fixation and allows for medial or dorsal placement

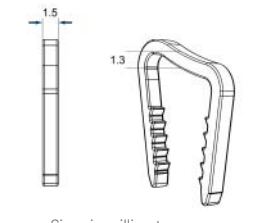
Calcaneal Slide Osteotomies
Offset design with a range of offset lengths

Procedure Specific Shapes

DePuy Synthes is also the first company to offer a range of CCIs designed in distinctive shapes to support a variety of specialized elective foot procedures.

SPEEDARC® Implant

Implant Kit	Bridge*	Legs*
SE-091210A	9	12/10
SE-111210A	11	12/10
SE-111512A	11	15/12



Sizes in millimeters.

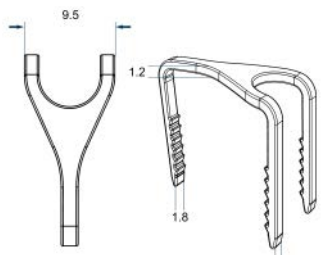
*Sizes in millimeters.

Corresponding Drill Kit

Part Number	Drill Bit	Sizing Guides	Handle Adapter	K-Wires	Pull Pins	Tamp
DK-200C	2.00 mm	Included	Included	4 x 1.14 mm	Included (2)	Included

SPEEDTRIAD® Implant

Implant Kit	Bridge*	Legs*	Distal Legs
SE-181508TRC	18	15	Centered
SE-181508TRL	18	15	Left Offset
SE-181508TRR	18	15	Right Offset
SE-201508TRC	20	15	Centered
SE-201508TRL	20	15	Left Offset
SE-201508TRR	20	15	Right Offset



Sizes in millimeters.

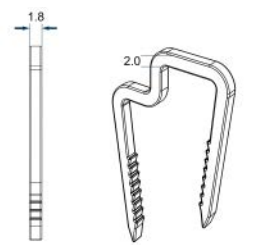
*Sizes in millimeters.

Corresponding Drill Kit

Part Number	Drill Bit	Sizing Guides	Handle Adapter	K-Wires	Pull Pins	Tamp
DK-200C	2.00 mm	Included	Included	4 x 1.14 mm	Included (2)	Included

SPEEDSHIFT® Implant

Implant Kit	Bridge*	Legs*	Offset*
SE-1520-06	15	20	6
SE-1520-08	15	20	8
SE-1520-10	15	20	10
SE-2020-06	20	20	6
SE-2020-08	20	20	8
SE-2020-10	20	20	10



Sizes in millimeters.

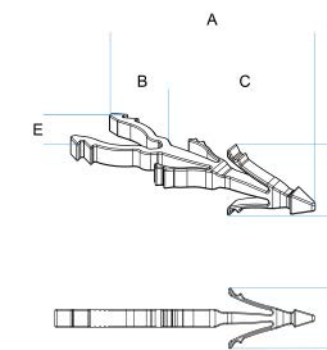
*Sizes in millimeters.

Corresponding Drill Kit

Part Number	Drill Bit	Sizing Guides	Handle Adapter	K-Wires	Pull Pins	Tamp
DK-265C	2.65 mm	Included	Included	4 x 1.37 mm	Included (2)	Included

HAMMERLOCK® 2 Implant

Angle	Size	Cat. No	A*	B*	C*	D*	E*	F*
0°	Small	HL2S	17.2	5.2	12.0	5.6	5.4	4.3
0°	Medium	HL2M	20.2	5.2	15.0	6.0	5.4	5.0
0°	Large	HL2L	22.0	7.0	15.0	6.0	7.0	5.0
10°	Small	HL2SA	17.2	5.2	12.0	5.6	5.4	4.3
10°	Medium	HL2MA	20.2	5.2	15.0	6.0	5.4	5.0
10°	Large	HL2LA	22.0	7.0	15.0	6.0	7.0	5.0



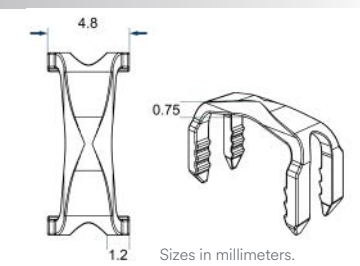
*All sizes in millimeters describing implants in activated states.

Corresponding Drill Kit

Part Number	Drill Bit	Starter Broach	Finishing Broach	Sizing Guide
DK-H2	2.10 mm	Included	Included	Included

DePuy Synthes HAMMERTOE Implant

Part Number	Insertion Tool	Drill Guide	Drill Pin	Pull Pin	K-Wire
46.239.001	Included	Included	Included (1)	Included (3)	1 x 1.25 mm
46.239.002	Included	Included	Included (1)	Included (3)	1 x 1.6 mm



Sizes in millimeters.

The AO Principles of Fracture Management

Mission

The AO's mission is promoting excellence in patient care and outcomes in trauma and musculoskeletal disorders.

AO Principles^{5,6}

1.



Fracture reduction and fixation to restore anatomical relationships.

2.



Fracture fixation providing absolute or relative stability, as required by the "personality" of the fracture, the patient, and the injury.

3.



Preservation of the blood supply to soft tissues and bone by gentle reduction techniques and careful handling.

4.



Early and safe mobilization and rehabilitation of the injured part and the patient as a whole.

<https://www.aofoundation.org/>

BME SPEED, SPEEDARC, SPEEDTITAN, SPEEDSHIFT, BME ELITE and BME ELITE Y Continuous Compression Implants

Indications:

- Fracture and osteotomy fixation and joint arthrodesis of hand and foot.
- Fixation of proximal tibial metaphysis osteotomy.
- Fixation of small bone fragments (i.e. small fragments of bone which are not comminuted to the extent to preclude staple placement). These fragments may be located in long bones such as femur, fibula and tibia in the lower extremities; the humerus, ulna or radius in the upper extremities; the clavicle; and in flat bone such as pelvis, scapula.

Contraindications:

- Comminuted bone surface that would militate against staple placement.
- Pathologic conditions of bone such as osteopenia that would impair the ability to securely fix the implant.
- Foreign body sensitivity to metals including nickel. Where material sensitivity is suspected, appropriate test should be made prior to implantation.

SPEEDTRIAD Continuous Compression Implants

Indications:

- Fracture and osteotomy fixation and joint arthrodesis of hand and foot.

Contraindications:

- Comminuted bone surface that would militate against staple placement.
- Pathologic conditions of bone such as osteopenia that would impair the ability to securely fix the implant.
- Foreign body sensitivity to metals including nickel. Where material sensitivity is suspected, appropriate test should be made prior to implantation.

HAMMERLOCK 2 Continuous Compression Implants

Indications:

- Small bone reconstruction and fusion such as in the phalanges of the fingers and toes

Contraindications:

- Pathologic conditions of bone such as osteopenia that would impair the ability to securely fix the implant.
- Foreign body sensitivity to metals including nickel. Where material sensitivity is suspected, appropriate test should be made prior to implantation.

DePuy Synthes HAMMERTOE Continuous Compression Implant

Indications:

- Small bone reconstruction and fusion of the phalanges in toes.

Contraindications:

- Comminuted bone surface that would mitigate against implant placement.
- Pathologic conditions of bone such as osteopenia that would impair the ability to securely fix the implant.
- Foreign body sensitivity to metals including nickel. Where material sensitivity is suspected, appropriate test should be made prior to implantation.



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127304-210527 DSUS

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CAUTION: Federal Law restricts these devices to sale by or on the order of a physician.

Please also refer to the package insert(s) or other labeling associated with the devices identified in this brochure for additional safety information.

Please refer to the instructions for use for a complete list of indications, contraindications, warnings and precautions. Not all products are currently available in all markets. Please contact your sales consultant for items approved for sale in Canada.

Some devices listed in this brochure may not have been licensed in accordance with Canadian law and may not be for sale in Canada.

AO Foundation is a 3rd party medically guided, not-for-profit organization led by an international group of surgeons specialized in the treatment of trauma and disorders of the musculoskeletal system.