summa ortho

FOOT SYSTEM

2.3 / 2.8 Foot Locking Plate

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Indication

The SUMMA Foot System is intended for use in internal fixation, reconstruction, or arthrodesis of small bones including the fore, mid- and hind foot and ankle.

Examples of these procedures may include but are not limited to replantation, lag screw techniques, joint fusions, corrective osteotomies, and the treatment of fractures.

SUMMA Foot System

A comprehensive system for foot fracture management and deformity correction

Straight Type

Square Type

Grid Type

T Type

X Type

L Type

Fore / Midfoot Plate

- Low plate profile with thickness 1.3 mm & 1.6 mm
- Pure titanium ASTM F-67
- Ø 2.3 & Ø 2.8 mm T8 screws available with locking & non-locking options
- For hallux valgus, fore / midfoot fractures

Plate Specifications

Thickness	*Types*	*Length*	*Width*	*Color*	*Material*
1.3 / 1.6 mm	Straight	17.0 ~ 41.0 mm	6 mm	Blue	Pure Titanium Gr.4
	Square	24.5 ~ 32.5 mm	14 mm		
	Grid	27.8 ~ 38.8 mm	12.4 mm		
	T	30.5 ~ 36.5 mm			
	X	21.5 ~ 28.5 mm			
	L1	30.5 ~ 36.5 mm			
	L2	28.0 ~ 34.0 mm			
	L3	28.8 ~ 34.8 mm			
	L4	28.0 ~ 34.0 mm			

Self-Tapping Screw Options

- Self-Tapping Locking Screws (Ø 2.3 mm, Ø 2.8 mm) : 8 mm - 26 mm
- Self-Tapping Non-Locking Screws (Ø 2.3 mm, Ø 2.8mm) : 6 mm - 26 mm

Self Drilling Screw (Not for Plates)

- Low screw head profile
- Titanium alloy ASTM F-136
- Ø 2.0 mm & Ø 2.7 mm
- For hallux valgus, fore / midfoot fractures

Materials of Implants

- All plates are made from pure titanium material in conformity with ASTM F67.
- All screws are made from titanium alloy material in conformity with ASTM F136.
- Titanium is the ideal material for implants. • It is biocompatible, corrosion resistant, and non-toxic in biological environments.

Screw Specifications

Outer Diameter	*Types*	*Length*	*Insertion Types*	*Screw Head Recess*	*Color*	*Material*
Ø 2.3 mm	Lock ing	8 ~ 24 mm	Self-Tapping	Starix	Silver	Titanium Alloy
	Non-locking	6 ~ 24 mm				
Ø 2.8 mm	Lock ing	8 ~ 26 mm			Gold	
	Non-locking				Green	
Ø 2.0 mm	Auto	10 ~ 16 mm	Self-Drilling	Low profile	Silver	
Ø 2.7 mm		12 ~ 22 mm				

SUMMA Foot System

Variable Locking Interface with Locking Screw

- Poly-axial screw insertion
- Angle range: ±15°
- Plate-screw locking interface

STARIX Screw with self-retaining function

- Prevents cam-out
- Allows higher torque application
- Self-retaining function
- Locking variations available

Screw Options

Ø 2.3 mm	Ø 2.8 mm	Ø 2.0 / 2.7 mm

Comprehensive Locking and Non-Locking System

- Each hole of SUMMA Foot plates accepts locking and non-locking screws

Rounded Edges

- SUMMA Foot plates are designed to ensure low profile fixation.
- All screws are designed for minimal screw head to minimize soft tissue irritation.

Additional Compression

- Many SUMMA Foot plates incorporate a compression slot
- Additional compression is applied by using cortical screws into the oval compression hole.

Mid-Fore Foot

1. Reduction of fractured bone

Adjust the bone fracture line.

2. Plate selection and positioning

Select the appropriate plate and position the plate.

3. Drilling

Drill using the drill bits (SO-112-28-701, SO-112-23-704) over the drill sleeve (SO-111-112, S0-111-113, SO-111-114, SO-111-115) to the desired depth. If you want to drill in the compression hole, use the drill guide (SO-111-131).

Required Set

SUMMA 2.3/2.8 Foot Plate System Kit
SO-111-116

Required Instruments

Drill Bit
SO-112-28-701

Drill Bit
SO-112-23-704

Drill Sleeve
SO-111-112

Drill Sleeve
SO-111-113

4. Depth measurement

Using a depth gauge(SO-111-075) to measure the hole depth.

5. Screw insertion

Use the screwdriver handle (SO-111-010) and driver (SO-113-HF-613) for insert the appropriate length screw (SO-23-SO-S, SO-28-SO-S, SO-23L-SO-S, SO-28L-SO-S series).

Required Instruments

Drill Sleeve
SO-111-114

Drill Sleeve
SO-111-115

Drill Guide
SO-111-131

Depth Gauge
SO-111-075

Screwdriver Handle
SO-111-010

Screwdriver Shaft
SO-113-HF-613

Self-Drilling Screws

1. Reduction of fractured bone

Adjust the bone fracture line.

2. Screw insertion

Use the screwdriver handle (SO-111-010) and screwdriver shaft (SO-111-133). For insert the appropriate length screw (SO-20-AO, SO-27-AO series) without drilling hole.

Required Instruments

Screwdriver Handle
SO-111-010

Screwdriver Shaft
SO-111-133

Lag Screw Technique (Optional)

1. Reduction of fractured bone

Adjust the bone fracture line.

2. Drilling

Drill using the drill bits (SO-112-28-701, SO-112-23-704) over the drill guide (SO-111-132).

3. Reaming & counter sinking

Reaming the hole more than the external diameter of screw using the lag drill bits (SO-112-28-701-L, SO-112-23-703-L) over the drill guide (SO-111-132).

Create a platform in the near cortex using counter sink (SO-111-135).

4. Screw insertion

Use the screwdriver handle (SO-111-010) and screwdriver shaft (SO-113-HF-613) to insert the appropriate length screw (SO-23-SO-S, SO-28-SO-S series).

Required Instruments

Drill Bits
SO-112-28-701

Drill Bits
SO-112-23-704

Drill Guide
SO-111-132

Lag Drill Bits
SO-112-28-701-L

Lag Drill Bits
SO-112-28-701-L

Counter Sink
SO-111-135

Screwdriver Handle
SO-111-010

Screwdriver Shaft
SO-113-HF-613

Ordering Information

SUMMA Foot System Screws

Ø 2.3 Locking Cortical Screws (Starix)

Code	Outer Diameter	Length	Color
SO-23L-SO-S08-T	Ø 2.3 mm	8 mm	Silver
SO-23L-SO-S10-T	Ø 2.3 mm	10 mm	Silver
SO-23L-SO-S12-T	Ø 2.3 mm	12 mm	Silver
SO-23L-SO-S14-T	Ø 2.3 mm	14 mm	Silver
SO-23L-SO-S16-T	Ø 2.3 mm	16 mm	Silver
SO-23L-SO-S18-T	Ø 2.3 mm	18 mm	Silver
SO-23L-SO-S20-T	Ø 2.3 mm	20 mm	Silver
SO-23L-SO-S22-T	Ø 2.3 mm	22 mm	Silver
SO-23L-SO-S24-T	Ø 2.3 mm	24 mm	Silver

Ø 2.3 Non-locking Cortical Screws (Starix)

Code	Outer Diameter	Length	Color
SO-23-SO-S06-T	Ø 2.3 mm	6 mm	Silver
SO-23-SO-S08-T	Ø 2.3 mm	8 mm	Silver
SO-23-SO-S10-T	Ø 2.3 mm	10 mm	Silver
SO-23-SO-S12-T	Ø 2.3 mm	12 mm	Silver
SO-23-SO-S14-T	Ø 2.3 mm	14 mm	Silver
SO-23-SO-S16-T	Ø 2.3 mm	16 mm	Silver
SO-23-SO-S18-T	Ø 2.3 mm	18 mm	Silver
SO-23-SO-S20-T	Ø 2.3 mm	20 mm	Silver
SO-23-SO-S22-T	Ø 2.3 mm	22 mm	Silver
SO-23-SO-S24-T	Ø 2.3 mm	24 mm	Silver

Ø 2.8 Locking Cortical Screws (Starix)

Code	Outer Diameter	Length	Color
SO-28L-SO-S08-TA	Ø 2.8 mm	8 mm	Gold
SO-28L-SO-S10-TA	Ø 2.8 mm	10 mm	Gold
SO-28L-SO-S12-TA	Ø 2.8 mm	12 mm	Gold
SO-28L-SO-S14-TA	Ø 2.8 mm	14 mm	Gold
SO-28L-SO-S16-TA	Ø 2.8 mm	16 mm	Gold
SO-28L-SO-S18-TA	Ø 2.8 mm	18 mm	Gold
SO-28L-SO-S20-TA	Ø 2.8 mm	20 mm	Gold
SO-28L-SO-S22-TA	Ø 2.8 mm	22 mm	Gold
SO-28L-SO-S24-TA	Ø 2.8 mm	24 mm	Gold
SO-28L-SO-S26-TA	Ø 2.8 mm	26 mm	Gold

Ø 2.8 Non-locking Cortical Screws (Starix)

Code	Outer Diameter	Length	Color
SO-28-SO -S08-TA	Ø 2.8 mm	8 mm	Green
SO-28-SO -S08-TA	Ø 2.8 mm	10 mm	Green
SO-28-SO -S10-TA	Ø 2.8 mm	12 mm	Green
SO-28-SO -S12-TA	Ø 2.8 mm	14 mm	Green
SO-28-SO -S14-TA	Ø 2.8 mm	16 mm	Green
SO-28-SO -S16-TA	Ø 2.8 mm	18 mm	Green
SO-28-SO -S18-TA	Ø 2.8 mm	20 mm	Green
SO-28-SO -S20-TA	Ø 2.8 mm	22 mm	Green
SO-28-SO -S22-TA	Ø 2.8 mm	24 mm	Green
SO-28-SO -S24-TA	Ø 2.8 mm	26 mm	Green

SUMMA Foot System Screws

Ø 2.0 Auto Cancellous Cylinder Screws

Code	Outer Diameter	Length	Color
SO-20-AO-010-S	Ø 2.0 mm	10 mm	Silver
SO-20-AO-011-S	Ø 2.0 mm	11 mm	Silver
SO-20-AO-012-S	Ø 2.0 mm	12 mm	Silver
SO-20-AO-013-S	Ø 2.0 mm	13 mm	Silver
SO-20-AO-014-S	Ø 2.0 mm	14 mm	Silver
SO-20-AO-015-S	Ø 2.0 mm	15 mm	Silver
SO-20-AO-016-S	Ø 2.0 mm	16 mm	Silver

Ø 2.7 Auto Cancellous Cylinder Screws

Code	Outer Diameter	Length	Color
SO-27-AO-012-S	Ø 2.7 mm	12 mm	Silver
SO-27-AO-014-S	Ø 2.7 mm	14 mm	Silver
SO-27-AO-016-S	Ø 2.7 mm	16 mm	Silver
SO-27-AO-018-S	Ø 2.7 mm	18 mm	Silver
SO-27-AO-020-S	Ø 2.7 mm	20 mm	Silver
SO-27-AO-022-S	Ø 2.7 mm	22 mm	Silver

2.3 / 2.8 Foot Locking Plates

X Type

SO-F23-XL-004-13
SO-F28-XL-004-16

SO-F23-XL-104-13
SO-F28-XL-104-16

SO-F23-XL-204-13
SO-F28-XL-204-16

SO-F23-XR-004-13
SO-F28-XR-004-16

SO-F23-XL-104-13
SO-F28-XR-104-16

SO-F23-XR-204-13
SO-F28-XR-204-16

* Illustrated scale 1:1

Code	*Thickness*	*Side*	*Length*	*Holes*	*Color*	*Set Quantity*
SO-F23-XL-004-13	1.3 mm	Left	21.5 mm	4	Blue	2
SO-F23-XL-104-13		Left	24.5 mm	4		2
SO-F23-XL-204-13		Left	28.5 mm	4		2
SO-F23-XR-004-13		R ight	21.5 mm	4		2
SO-F23-XR-104-13		R ight	24.5 mm	4		2
SO-F23-XR-204-13		R ight	28.5 mm	4		2
SO-F28-XL-004-16	1.6 mm	Left	21.5 mm	4	Blue	2
SO-F28-XL-104-16		Left	24.5 mm	4		2
SO-F28-XL-204-16		Left	28.5 mm	4		2
SO-F28-XR-004-16		R ight	21.5 mm	4		2
SO-F28-XR-104-16		R ight	24.5 mm	4		2
SO-F28-XR-204-16		R ight	28.5 mm	4		2

2.3 / 2.8 Foot Locking Plates

Straight Type

SO-F23-ST-002-13
SO-F28-ST-002-16

SO-F23-ST-102-13
SO-F28-ST-102-16

SO-F23-ST-004-13
SO-F28-ST-004-16

SO-F23-ST-005-13
SO-F28-ST-005-16

SO-F23-ST-006-13
SO-F28-ST-006-16

* Illustrated scale 1:1

Code	Thickness	Length	Holes	Color	Set Quantity
SO-F23-ST-002-13		17 mm	2		2
SO-F23-ST-102-13		21 mm	2		2
SO-F23-ST-004-13	1.3 mm	29 mm	4	Blue	2
SO-F23-ST-005-13		35 mm	5		2
SO-F23-ST-006-13		41 mm	6		2
SO-F28-ST-002-16		17 mm	2		2
SO-F28-ST-102-16		21 mm	2		2
SO-F28-ST-004-16	1.6 mm	29 mm	4	Blue	2
SO-F28-ST-005-16		35 mm	5		2
SO-F28-ST-006-16		41 mm	6		2

Grid Type

SO-F23-GR-006-13
SO-F28-GR-006-16

SO-F23-GR-008-13
SO-F28- GR-008-16

SO-F23-GR-009-13
SO-F28- GR-009-16

* Illustrated scale 1:1

Code	Thickness	Length	Holes	Color	Set Quantity
SO-F23-GR-006-13		27.8 mm	6		2
SO-F23-GR-008-13	1.3 mm	33.8 mm	8	Blue	2
SO-F23-GR-009-13		38.8 mm	9		2
SO-F28-GR-006-16		27.8 mm	6		2
SO-F28-GR-008-16	1.6 mm	33.8 mm	8	Blue	2
SO-F28-GR-009-16		38.8 mm	9		2

T Type

SO-F23-TL-004-13
SO-F28-TL-004-16

SO-F23-TL-005-13
SO-F28-TL-005-16

SO-F23-TR-004-13
SO-F28-TR-004-16

SO-F23-TR-005-13
SO-F28-TR-005-16

* Illustrated scale 1:1

Code	Thickness	Side	Length	Holes	Color	Set Quantity
SO-F23-TL-004-13	1.3 mm	Left	30.5 mm	4	Blue	2
SO-F23-TL-005-13		Left	36.5 mm	5		2
SO-F23-TR-004-13		R ight	30.5 mm	4		2
SO-F23-TR-005-13		R ight	36.5 mm	5		2
SO-F28-TL-004-16	1.6 mm	Left	30.5 mm	4	Blue	2
SO-F28-TL-005-16		Left	36.5 mm	5		2
SO-F28-TR-004-16		R ight	30.5 mm	4		2
SO-F28-TR-005-16		R ight	36.5 mm	5		2

Square Type

SO-F23-QL-006-13
SO-F28-QR-006-16

SO-F23-QL-008-13
SO-F28-QR-008-16

SO-F23-QR-006-13
SO-F28-QR-006-16

SO-F23-QR-008-13
SO-F28-QR-008-16

* Illustrated scale 1:1

Code	Thickness	Side	Length	Holes	Color	Set Quantity
SO-F23-QL-006-13	1.3 mm	Left	24.5 mm	6	Blue	2
SO-F23-QL-008-13		Left	32.5 mm	8		2
SO-F23-QR-006-13		R ight	24.5 mm	6		2
SO-F23-QR-008-13		R ight	32.5 mm	8		2
SO-F28-QL-006-16	1.6 mm	Left	24.5 mm	6	Blue	2
SO-F28-QL-008-16		Left	32.5 mm	8		2
SO-F28-QR-006-16		R ight	24.5 mm	6		2
SO-F28-QR-008-16		R ight	32.5 mm	8		2

2.3 / 2.8 Foot Locking Plates

L1 Type

SO-F23-LL-004-13
SO-F28-LL-004-16

SO-F23-LL-005-13
SO-F28-LL-005-16

SO-F23-LR-004-13
SO-F28-LR-004-16

SO-F23-LR-005-13
SO-F28-LR-005-16

* Illustrated scale 1:1

Code	Thickness	Side	Length	Holes	Color	Set Quantity
SO-F23-LL-004-13	1.3 mm	Left	30.5 mm	4	Blue	2
SO-F23-LL-005-13		Left	36.5 mm	5		2
SO-F23-LR-004-13		R ight	30.5 mm	4		2
SO-F23-LR-005-13		R ight	36.5 mm	5		2
SO-F28-LL-004-16	1.6 mm	Left	30.5 mm	4	Blue	2
SO-F28-LL-005-16		Left	36.5 mm	5		2
SO-F28-LR-004-16		R ight	30.5 mm	4		2
SO-F28-LR-005-16		R ight	36.5 mm	5		2

L2 Type

SO-F23-LL-104-13
SO-F28-LL-104-16

SO-F23-LL-105-13
SO-F28-LL-105-16

SO-F23-LR-104-13
SO-F28-LR-104-16

SO-F23-LR-105-13
SO-F28-LR-105-16

* Illustrated scale 1:1

Code	Thickness	Side	Length	Holes	Color	Set Quantity
SO-F23-LL-104-13	1.3 mm	Left	28 mm	4	Blue	2
SO-F23-LL-105-13		Left	34 mm	5		2
SO-F23-LR-104-13		Right	28 mm	4		2
SO-F23-LR-105-13		Right	34 mm	5		2
SO-F28-LL-104-16	1.6 mm	Left	28 mm	4	Blue	2
SO-F28-LL-105-16		Left	34 mm	5		2
SO-F28-LR-104-16		Right	28 mm	4		2
SO-F28-LR-105-16		Right	34 mm	5		2

L3 Type

SO-F23-LL-204-13
SO-F28-LL-204-16

SO-F23-LL-205-13
SO-F28-LL-205-16

SO-F23-LR-204-13
SO-F28-LR-204-16

SO-F23-LR-205-13
SO-F28-LR-205-16

* Illustrated scale 1:1

Code	Thickness	Side	Length	Holes	Color	Set Quantity
SO-F23-LL-204-13	1.3 mm	Left	28.8 mm	4	Blue	2
SO-F23-LL-205-13		Left	34.8 mm	5		2
SO-F23-LR-204-13		Right	28.8 mm	4		2
SO-F23-LR-205-13		Right	34.8 mm	5		2
SO-F28-LL-204-16	1.6 mm	Left	28.8 mm	4	Blue	2
SO-F28-LL-205-16		Left	34.8 mm	5		2
SO-F28-LR-204-16		Right	28.8 mm	4		2
SO-F28-LR-205-16		Right	34.8 mm	5		2

L4 Type

SO-F23-LL-304-13
SO-F28-LL-304-16

SO-F23-LL-305-13
SO-F28-LL-305-13

SO-F23-LR-304-13
SO-F28-LR-304-13

SO-F23-LR-305-13
SO-F28-LR-305-13

* Illustrated scale 1:1

Code	Thickness	Side	Length	Holes	Color	Set Quantity
SO-F23-LL-304-13	1.3 mm	Left	28 mm	4	Blue	2
SO-F23-LL-305-13		Left	34 mm	5		2
SO-F23-LR-304-13		Right	28 mm	4		2
SO-F23-LR-305-13		Right	34 mm	5		2
SO-F28-LL-304-13	1.6 mm	Left	28 mm	4	Blue	2
SO-F28-LL-305-13		Left	34 mm	5		2
SO-F28-LR-304-13		Right	28 mm	4		2
SO-F28-LR-305-13		Right	34 mm	5		2

SUMMA Foot System Instruments

Drill Bits

SO-112-23-703-L

SO-112-28-701-L

SO-112-28-704

SO-112-28-701

Code	*D escription*	*Set Quantity*
SO-112-23-703-L	Lag Drill Bits for Ø 2.3 mm Screws	1
SO-112-28-701-L	Lag Drill Bits for Ø 2.8 mm Screws	1
SO-112-23-704	Drill Bits for Ø 2.3 mm Screws Drill	2
SO-112-28-701	Bits for Ø 2.8 mm Screws	2

Drill Sleeve

SO-111-112

SO-111-113

SO-111-114

SO-111-115

Code	*D escription*	*Set Quantity*
SO-111-112	Drill Sleeve for Ø 2.3 mm Screws, Uni-Direction	1
SO-111-113	Drill Sleeve for Ø 2.3 mm Screws, Variable-Direction	1
SO-111-114	Drill Sleeve for Ø 2.8 mm Screws, Uni-Direction	1
SO-111-115	Drill Sleeve for Ø 2.8 mm Screws, Variable-Direction	1

Screwdriver Shaft

SO-113-HF-613

SO-111-133

SO-111-135

Code	Description	Set Quantity
SO-113-HF-613	Screwdriver Shaft for STARIX T8 Screwdriver	2
SO-111-133	Shaft for Auto Screw Counter	2
SO-111-135	Sink for Ø 2.3 mm, Ø 2.8 mm Screws	1

Drill Guide

SO-111-132

SO-111-131

Code	Description	Set Quantity
SO-111-131	Drill Guide for Ø 2.3 mm, Ø 2.8 mm Screws, Compression	2
SO-111-132	Drill Guide for Ø 2.3 mm, Ø 2.8 mm Screws, Lag Drill	2

SUMMA Foot System Instruments

Screwdriver Handle

Code	Description	Set Quantity
SO-111-010	Screwdriver Handle	2

Grasping Forceps

Code	Description	Set Quantity
SO-114-009	Grasping Forceps	1

Module & Kit

SO-112-121-3

SO-112-121-4

SO-112-121-6

SO-112-121

Code	Description	Set Quantity
SO-112-121-3	SUMMA Foot System 1.3 mm Plate Module	1
SO-112-121-4	SUMMA Foot System 1.6 mm Plate Module	1
SO-112-121-6	SUMMA Foot System Screw Module	1
SO-112-121	SUMMA 2.3/2.8 Foot Plate System Kit	1

SUMMA Foot System Set Configuration

2.3 / 2.8 Foot Locking Plates - 1.3 mm				
No	Code	Type	Description	Set Quantity
1	SO-F23-ST-002-13	Straight	Length 17 mm, 2 Holes, Blue	2
2	SO-F23-ST-102-13	Straight	Length 21 mm, 2 Holes, Blue	2
3	SO-F23-ST-004-13	Straight	Length 29 mm, 4 Holes, Blue	2
4	SO-F23-ST-005-13	Straight	Length 35 mm, 5 Holes, Blue	2
5	SO-F23-ST-006-13	Straight	Length 41 mm, 6 Holes, Blue	2
6	SO-F23-GR-006-13	Grid	Length 27.8 mm, 6 Holes, Blue	2
7	SO-F23-GR-008-13	Grid	Length 33.8 mm, 8 Holes, Blue	2
8	SO-F23-GR-009-13	Grid	Length 38.8 mm, 9 Holes, Blue	2
9	SO-F23-QL-006-13	Square	Length 24.5 mm, Left, 6 Holes, Blue	2
10	SO-F23-QL-008-13	Square	Length 32.5 mm, Left, 8 Holes, Blue	2
11	SO-F23-QR-006-13	Square	Length 24.5 mm, Right, 6 Holes, Blue	2
12	SO-F23-QR-008-13	Square	Length 32.5 mm, Right, 8 Holes, Blue	2
13	SO-F23-LL-004-13	L1	Length 30.5 mm, Left, 4 Holes, Blue	2
14	SO-F23-LL-005-13	L1	Length 36.5 mm, Left, 5 Holes, Blue	2
15	SO-F23-LR-004-13	L1	Length 30.5 mm, Right, 4 Holes, Blue	2
16	SO-F23-LR-005-13	L1	Length 36.5 mm, Right, 5 Holes, Blue	2
17	SO-F23-LL-104-13	L2	Length 28 mm, Left, 4 Holes, Blue	2
18	SO-F23-LL-105-13	L2	Length 34 mm, Left, 5 Holes, Blue	2
19	SO-F23-LR-104-13	L2	Length 28 mm, Right, 4 Holes, Blue	2
20	SO-F23-LR-105-13	L2	Length 34 mm, Right, 5 Holes, Blue	2
21	SO-F23-LL-204-13	L3	Length 28.8 mm, Left, 4 Holes, Blue	2
22	SO-F23-LL-205-13	L3	Length 34.8 mm, Left, 5 Holes, Blue	2
23	SO-F23-LR-204-13	L3	Length 28.8 mm, Right, 4 Holes, Blue	2
24	SO-F23-LR-205-13	L3	Length 34.8 mm, Right, 5 Holes, Blue	2
25	SO-F23-LL-304-13	L4	Length 28 mm, Left, 4 Holes, Blue	2
26	SO-F23-LL-305-13	L4	Length 34 mm, Left, 5 Holes, Blue	2
27	SO-F23-LR-304-13	L4	Length 28 mm, Right, 4 Holes, Blue	2
28	SO-F23-LR-305-13	L4	Length 34 mm, Right, 5 Holes, Blue	2
29	SO-F23-TL-004-13	T	Length 30.5 mm, Left, 4 Holes, Blue	2
30	SO-F23-TL-005-13	T	Length 36.5 mm, Left, 5 Holes, Blue	2
31	SO-F23-TR-004-13	T	Length 30.5 mm, Right, 4 Holes, Blue	2
32	SO-F23-TR-005-13	T	Length 36.5 mm, Right, 5 Holes, Blue	2
33	SO-F23-XL-004-13	X	Length 21.5 mm, Left, 4 Holes, Blue	2
34	SO-F23-XL-104-13	X	Length 24.5 mm, Left, 4 Holes, Blue	2
35	SO-F23-XL-204-13	X	Length 28.5 mm, Left, 4 Holes, Blue	2
36	SO-F23-XR-004-13	X	Length 21.5 mm, Right, 4 Holes, Blue	2
37	SO-F23-XR-104-13	X	Length 24.5 mm, Right, 4 Holes, Blue	2
38	SO-F23-XR-204-13	X	Length 28.5 mm, Right, 4 Holes, Blue	2

2.3 / 2.8 Foot Locking Plates - 1.6 mm				
No	Code	Type	Description	Set Quantity
1	SO-F28-ST-002-16	Straight	Length 17 mm, 2 Holes, Blue	2
2	SO-F28-ST-102-16	Straight	Length 21 mm, 2 Holes, Blue	2
3	SO-F28-ST-004-16	Straight	Length 29 mm, 4 Holes, Blue	2
4	SO-F28-ST-005-16	Straight	Length 35 mm, 5 Holes, Blue	2
5	SO-F28-ST-006-16	Straight	Length 41 mm, 6 Holes, Blue	2
6	SO-F28- GR-006-16	Straight	Length 27.8 mm, 6 Holes, Blue	2
7	SO-F28- GR-008-16	Grid	Length 33.8 mm, 8 Holes, Blue	2
8	SO-F28- GR-009-16	Grid	Length 38.8 mm, 9 Holes, Blue	2
9	SO-F28-QL-006-16	Grid	Length 24.5 mm, Left, 6 Holes, Blue	2
10	SO-F28-QL-008-16	Square	Length 32.5 mm, Left, 8 Holes, Blue	2
11	SO-F28- QR-006-16	Square	Length 24.5 mm, Right, 6 Holes, Blue	2
12	SO-F28- QR-008-16	Square	Length 32.5 mm, Right, 8 Holes, Blue	2
13	SO-F28-LL-004-16	Square	Length 30.5 mm, Left, 4 Holes, Blue	2
14	SO-F28-LL-005-16	L1	Length 36.5 mm, Left, 5 Holes, Blue	2
15	SO-F28-LR-004-16	L1	Length 30.5 mm, Right, 4 Holes, Blue	2
16	SO-F28-LR-005-16	L1	Length 36.5 mm, Right, 5 Holes, Blue	2
17	SO-F28-LL-104-16	L1	Length 28 mm, Left, 4 Holes, Blue	2
18	SO-F28-LL-105-16	L2	Length 34 mm, Left, 5 Holes, Blue	2
19	SO-F28-LR-104-16	L2	Length 28 mm, Right, 4 Holes, Blue	2
20	SO-F28-LR-105-16	L2	Length 34 mm, Right, 5 Holes, Blue	2
21	SO-F28-LL-204-16	L2	Length 28.8 mm, Left, 4 Holes, Blue	2
22	SO-F28-LL-205-16	L3	Length 34.8 mm, Left, 5 Holes, Blue	2
23	SO-F28-LR-204-16	L3	Length 28.8 mm, Right, 4 Holes, Blue	2
24	SO-F28-LR-205-16	L3	Length 34.8 mm, Right, 5 Holes, Blue	2
25	SO-F28-LL-304-16	L3	Length 28 mm, Left, 4 Holes, Blue	2
26	SO-F28-LL-305-16	L4	Length 34 mm, Left, 5 Holes, Blue	2
27	SO-F28-LR-304-16	L4	Length 28 mm, Right, 4 Holes, Blue	2
28	SO-F28-LR-305-16	L4	Length 34 mm, Right, 5 Holes, Blue	2
29	SO-F28-TL-004-16	L4	Length 30.5 mm, Left, 4 Holes, Blue	2
30	SO-F28-TL-005-16	T	Length 36.5 mm, Left, 5 Holes, Blue	2
31	SO-F28-TR-004-16	T	Length 30.5 mm, Right, 4 Holes, Blue	2
32	SO-F28-TR-005-16	T	Length 36.5 mm, Right, 5 Holes, Blue	2
33	SO-F28-XL-004-16	T	Length 21.5 mm, Left, 4 Holes, Blue	2
34	SO-F28-XL-104-16	X	Length 24.5 mm, Left, 4 Holes, Blue	2
35	SO-F28-XL-204-16	X	Length 28.5 mm, Left, 4 Holes, Blue	2
36	SO-F28-XR-004-16	X	Length 21.5 mm, Right, 4 Holes, Blue	2
37	SO-F28-XR-104-16	X	Length 24.5 mm, Right, 4 Holes, Blue	2
38	SO-F28-XR-204-16	X	Length 28.5 mm, Right, 4 Holes, Blue	2

2.3 / Ø 2.8 Locking Screws			
No	Code	Description	Set Quantity
1	SO-23L-SO-S08-T	Ø 2.3 Locking Cortical Screw, 8 mm, Silver	5
2	SO-23L-SO-S10-T	Ø 2.3 Locking Cortical Screw, 10 mm, Silver	5
3	SO-23L-SO-S12-T	Ø 2.3 Locking Cortical Screw, 12 mm, Silver	5
4	SO-23L-SO-S14-T	Ø 2.3 Locking Cortical Screw, 14 mm, Silver	5
5	SO-23L-SO-S16-T	Ø 2.3 Locking Cortical Screw, 16 mm, Silver	5
6	SO-23L-SO-S18-T	Ø 2.3 Locking Cortical Screw, 18 mm, Silver	5
7	SO-23L-SO-S20-T	Ø 2.3 Locking Cortical Screw, 20 mm, Silver	5
8	SO-23L-SO-S22-T	Ø 2.3 Locking Cortical Screw, 22 mm, Silver	5
9	SO-23L-SO-S24-T	Ø 2.3 Locking Cortical Screw, 24 mm, Silver	5
10	SO-28L-SO-S08-T	Ø 2.3 Locking Cortical Screw, 8 mm, Gold	5
11	SO-28L-SO-S10-T	Ø 2.3 Locking Cortical Screw, 10 mm, Gold	5
12	SO-28L-SO-S12-T	Ø 2.3 Locking Cortical Screw, 12 mm, Gold	5
13	SO-28L-SO-S14-T	Ø 2.3 Locking Cortical Screw, 14 mm, Gold	5
14	SO-28L-SO-S16-T	Ø 2.3 Locking Cortical Screw, 16 mm, Gold	5
15	SO-28L-SO-S18-T	Ø 2.3 Locking Cortical Screw, 18 mm, Gold	5
16	SO-28L-SO-S20-T	Ø 2.3 Locking Cortical Screw, 20 mm, Gold	5
17	SO-28L-SO-S22-T	Ø 2.3 Locking Cortical Screw, 22 mm, Gold	5
18	SO-28L-SO-S24-T	Ø 2.3 Locking Cortical Screw, 24 mm, Gold	5
19	SO-28L-SO-S26-T	Ø 2.3 Locking Cortical Screw, 26 mm, Gold	5

2.7 / Ø 2.8 Auto Screws			
No	Code	Description	Set Quantity
1	SO-20-AO-010-S	Ø 2.0 Auto Screw, L 10 mm, Silver	5
2	SO-20-AO-011-S	Ø 2.0 Auto Screw, L 11 mm, Silver	5
3	SO-20-AO-012-S	Ø 2.0 Auto Screw, L 12 mm, Silver	5
4	SO-20-AO-013-S	Ø 2.0 Auto Screw, L 13 mm, Silver	5
5	SO-20-AO-014-S	Ø 2.0 Auto Screw, L 14 mm, Silver	5
6	SO-20-AO-015-S	Ø 2.0 Auto Screw, L 15 mm, Silver	5
7	SO-20-AO-016-S	Ø 2.0 Auto Screw, L 16 mm, Silver	5
8	SO-27-AO-012-S	Ø 2.7 Auto Screw, L 12 mm, Silver	5
9	SO-27-AO-014-S	Ø 2.7 Auto Screw, L 14 mm, Silver	5
10	SO-27-AO-016-S	Ø 2.7 Auto Screw, L 16 mm, Silver	5
11	SO-27-AO-018-S	Ø 2.7 Auto Screw, L 18 mm, Silver	5
12	SO-27-AO-020-S	Ø 2.7 Auto Screw, L 20 mm, Silver	5
13	SO-27-AO-022-S	Ø 2.7 Auto Screw, L 22 mm, Silver	5

2.3 / Ø 2.8 Non-Locking Screws			
No	Code	Description	Set Quantity
1	SO-23-SO-S06-T	Ø 2.3 Non-Locking Cortical Screw, L 6 mm, Silver	5
2	SO-23-SO-S08-T	Ø 2.3 Non-Locking Cortical Screw, L 8 mm, Silver	5
3	SO-23-SO-S10-T	Ø 2.3 Non-Locking Cortical Screw, L 10 mm, Silver	5
4	SO-23-SO-S12-T	Ø 2.3 Non-Locking Cortical Screw, L 12 mm, Silver	5
5	SO-23-SO-S14-T	Ø 2.3 Non-Locking Cortical Screw, L 14 mm, Silver	5
6	SO-23-SO-S16-T	Ø 2.3 Non-Locking Cortical Screw, L 16 mm, Silver	5
7	SO-23-SO-S18-T	Ø 2.3 Non-Locking Cortical Screw, L 18 mm, Silver	5
8	SO-23-SO-S20-T	Ø 2.3 Non-Locking Cortical Screw, L 20 mm, Silver	5
9	SO-23-SO-S22-T	Ø 2.3 Non-Locking Cortical Screw, L 22 mm, Silver	5
10	SO-23-SO-S24-T	Ø 2.3 Non-Locking Cortical Screw, L 24 mm, Silver	5
11	SO-28-SO-S08-T	Ø 2.3 Non-Locking Cortical Screw, L 8 mm, Green	5
12	SO-28-SO-S10-T	Ø 2.3 Non-Locking Cortical Screw, L 10 mm, Green	5
13	SO-28-SO-S12-T	Ø 2.3 Non-Locking Cortical Screw, L 12 mm, Green	5
14	SO-28-SO-S14-T	Ø 2.3 Non-Locking Cortical Screw, L 14 mm, Green	5
15	SO-28-SO-S16-T	Ø 2.3 Non-Locking Cortical Screw, L 16 mm, Green	5
16	SO-28-SO-S18-T	Ø 2.3 Non-Locking Cortical Screw, L 18 mm, Green	5
17	SO-28-SO-S20-T	Ø 2.3 Non-Locking Cortical Screw, L 20 mm, Green	5
18	SO-28-SO-S22-T	Ø 2.3 Non-Locking Cortical Screw, L 22 mm, Green	5
19	SO-28-SO-S24-T	Ø 2.3 Non-Locking Cortical Screw, L 24 mm, Green	5
20	SO-28-SO-S26-T	Ø 2.3 Non-Locking Cortical Screw, L 26 mm, Green	5

Instruments			
No	Code	Description	Set Quantity
1	SO-112-23--703-L	Lag Drill Bits for Ø 2.3 mm Screws	1
2	SO-112-28-701-L	Lag Drill Bits for Ø 2.8 mm Screws	1
3	SO-112-23-704	Drill Bits for Ø 2.3 mm Screws	2
4	SO-112-28-701	Drill Bits for Ø 2.8 mm Screws	2
5	SO-113-HF-613	Screwdriver Shaft for STARIX T8	2
6	SO-111-133	Screwdriver Shaft for Auto Screw	2
7	SO-111-135	Counter Sink for Ø 2.3 mm, Ø 2.8 mm Screws	1
8	SO-111-112	Drill Sleeve for Ø 2.3 mm Screws, Uni-Direction	1
9	SO-111-113	Drill Sleeve for Ø 2.3 mm Screws, Variable-Direction	1
10	SO-111-114	Drill Sleeve for Ø 2.8 mm Screws, Uni-Direction	1
11	SO-111-115	Drill Sleeve for Ø 2.8 mm Screws, Variable-Direction	1
12	SO-111-075	Depth Gauge for Ø 2.3 mm, Ø 2.8 mm Screws	1
13	SO-111-131	Drill Guide for Ø 2.3, Ø 2.8 mm Screws,Compression	1
14	SO-111-132	Drill Guide for Ø 2.3, Ø 2.8 mm Screws, Lag Drill	1
15	SO-111-010	Screwdriver Handle	2
16	SO-114-009	Grasping Forceps	1
17	SO-112-121	SUMMA 2.3/2.8 Foot Plate System Kit	1
18	SO-112-121-3	SUMMA Foot System 1.3 mm Plate Module	1
19	SO-112-121-4	SUMMA Foot System 1.6 mm Plate Module	1
20	SO-112-121-6	SUMMA Foot System Screw Module	1

NOTE: The instruments are subject to change without prior notice to improve.

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MAXX HEALTH INC.

11 Woodside Avenue, Berwyn, PA 19312 USA
SALES **T** 484.321.8560 **F** 484.991.2080 **E** info@maxxhealthinc.com

w w w.maxxhealthinc.com